

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
 Data File : VN088078.D
 Acq On : 23 Oct 2025 09:42
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 02:50:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 24 02:50:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	310632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	586229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	509993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	233824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	3763	1.074	ug/l	96
3) Chloromethane	2.389	50	4857	1.178	ug/l	88
4) Vinyl Chloride	2.542	62	4975	1.108	ug/l	98
6) Chloroethane	3.136	64	3717	1.149	ug/l #	72
7) Trichlorofluoromethane	3.501	101	7446	1.039	ug/l	87
8) Diethyl Ether	3.959	74	2835	1.065	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.353	101	3959	1.071	ug/l #	22
12) 1,1-Dichloroethene	4.348	96	5008	1.283	ug/l #	64
14) Allyl chloride	5.012	41	8229m	1.206	ug/l	
15) Acrylonitrile	5.712	53	12351	4.900	ug/l	95
16) Acetone	4.424	43	17476	6.476	ug/l	95
17) Carbon Disulfide	4.700	76	13312	1.122	ug/l	96
18) Methyl Acetate	5.024	43	6099	1.104	ug/l #	86
19) Methyl tert-butyl Ether	5.777	73	14637	1.021	ug/l	93
20) Methylene Chloride	5.265	84	5554	2.075	ug/l	93
21) trans-1,2-Dichloroethene	5.765	96	5093m	1.180	ug/l	
22) Diisopropyl ether	6.659	45	14446	1.004	ug/l	89
23) Vinyl Acetate	6.594	43	60828	4.692	ug/l #	93
24) 1,1-Dichloroethane	6.553	63	8517	1.068	ug/l #	82
25) 2-Butanone	7.477	43	19098m	5.426	ug/l	
26) 2,2-Dichloropropane	7.477	77	8718	1.203	ug/l	93
27) cis-1,2-Dichloroethene	7.471	96	5492	1.113	ug/l	93
28) Bromochloromethane	7.800	49	3776	1.002	ug/l #	98
29) Tetrahydrofuran	7.836	42	12815	5.529	ug/l #	65
30) Chloroform	7.953	83	8286	1.040	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	8036	1.133	ug/l #	43
36) 1,1-Dichloropropene	8.347	75	6036	1.050	ug/l	90
37) Ethyl Acetate	7.553	43	8700m	1.177	ug/l	
38) Carbon Tetrachloride	8.347	117	6381	1.074	ug/l #	92
39) Methylcyclohexane	9.583	83	8221	1.112	ug/l	92
40) Benzene	8.588	78	19008	1.085	ug/l	96
41) Methacrylonitrile	7.771	41	4616	1.182	ug/l #	89
42) 1,2-Dichloroethane	8.653	62	6475	1.041	ug/l	100
43) Isopropyl Acetate	8.671	43	11616	1.019	ug/l	96
44) Trichloroethene	9.330	130	4394	1.073	ug/l	93
45) 1,2-Dichloropropane	9.600	63	4927	1.114	ug/l	91

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 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/27/2025

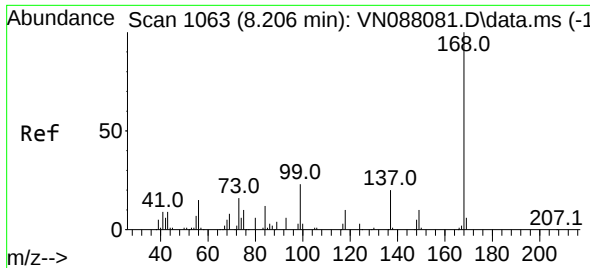
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.688	93	3222	1.022	ug/l	90
47) Bromodichloromethane	9.871	83	6578	1.042	ug/l #	99
48) Methyl methacrylate	9.671	41	5726m	1.057	ug/l	
49) 1,4-Dioxane	9.700	88	1238m	18.907	ug/l	
51) 4-Methyl-2-Pentanone	10.430	43	32109	4.760	ug/l	96
52) Toluene	10.606	92	11382	1.054	ug/l	90
53) t-1,3-Dichloropropene	10.818	75	6496	0.967	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	7213	1.012	ug/l	98
55) 1,1,2-Trichloroethane	11.000	97	4933	1.204	ug/l #	82
56) Ethyl methacrylate	10.871	69	6039m	0.933	ug/l	
57) 1,3-Dichloropropane	11.147	76	7489	1.040	ug/l	89
58) 2-Chloroethyl Vinyl ether	10.141	63	16393	4.862	ug/l	99
59) 2-Hexanone	11.182	43	21660m	4.891	ug/l	
60) Dibromochloromethane	11.341	129	4900	1.052	ug/l	90
61) 1,2-Dibromoethane	11.447	107	4721	1.120	ug/l	83
64) Tetrachloroethene	11.088	164	4083	1.214	ug/l #	79
65) Chlorobenzene	11.876	112	12205	1.054	ug/l #	89
66) 1,1,1,2-Tetrachloroethane	11.941	131	4044	1.066	ug/l #	65
67) Ethyl Benzene	11.947	91	21103	1.038	ug/l	96
68) m/p-Xylenes	12.053	106	14958	1.964	ug/l	93
69) o-Xylene	12.382	106	6831	0.946	ug/l	98
70) Styrene	12.394	104	9645	0.819	ug/l	99
71) Bromoform	12.565	173	2730	0.964	ug/l #	100
73) Isopropylbenzene	12.676	105	19589	1.086	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.923	83	6098	1.086	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	6237m	1.246	ug/l	
77) Bromobenzene	12.959	156	3862	0.993	ug/l	71
78) n-propylbenzene	13.018	91	22793	1.036	ug/l	99
79) 2-Chlorotoluene	13.106	91	11655	0.929	ug/l	93
80) 1,3,5-Trimethylbenzene	13.153	105	15569	1.039	ug/l	98
82) 4-Chlorotoluene	13.200	91	15055	1.109	ug/l	93
83) tert-Butylbenzene	13.418	119	14748	1.102	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	15160	1.012	ug/l	97
85) sec-Butylbenzene	13.594	105	21410	1.089	ug/l	96
86) p-Isopropyltoluene	13.712	119	15289	0.970	ug/l	90
87) 1,3-Dichlorobenzene	13.718	146	8312	1.071	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	9656m	1.155	ug/l	
89) n-Butylbenzene	14.035	91	15880	1.017	ug/l	97
90) Hexachloroethane	14.312	117	3211	1.052	ug/l	96
91) 1,2-Dichlorobenzene	14.088	146	8266	1.105	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	1522	1.165	ug/l	75
93) 1,2,4-Trichlorobenzene	15.370	180	4946	1.091	ug/l	90
94) Hexachlorobutadiene	15.476	225	1928	1.142	ug/l	96
95) Naphthalene	15.617	128	16137	1.039	ug/l	99
96) 1,2,3-Trichlorobenzene	15.823	180	5137	1.182	ug/l	83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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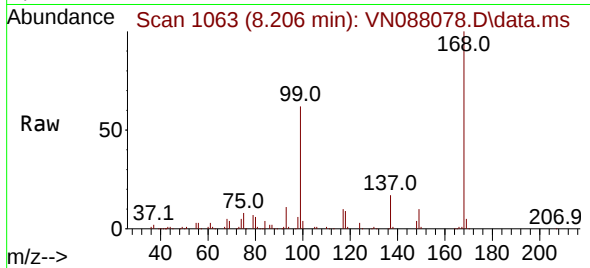
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001



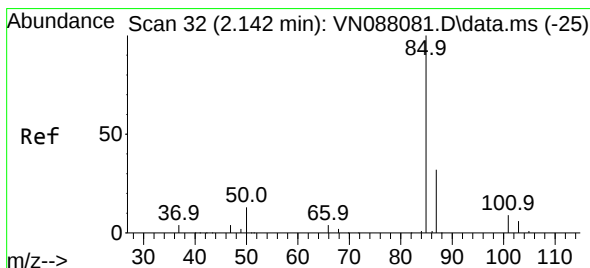
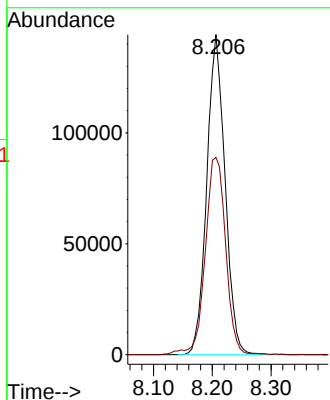
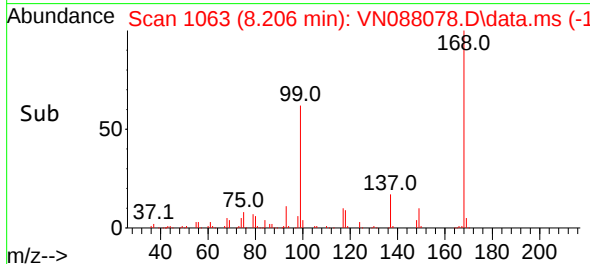
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Ion Ratio Lower Upper
168 100
99 61.5 57.2 85.8

Manual Integrations

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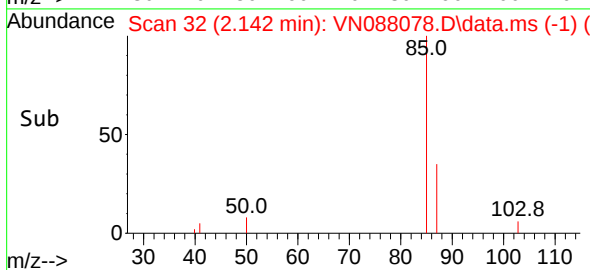
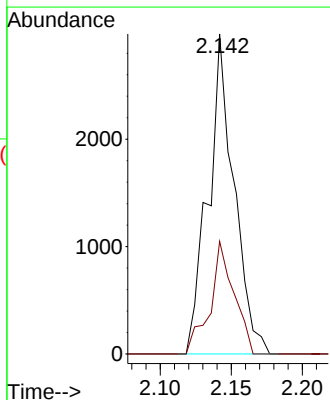
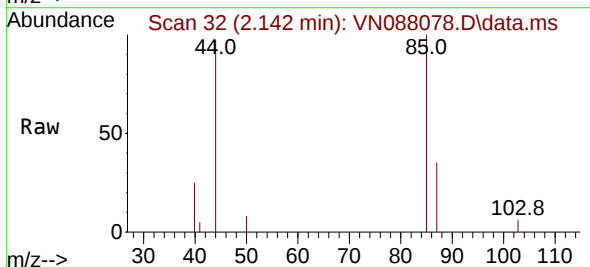
Reviewed By :John Carlone 10/24/2025

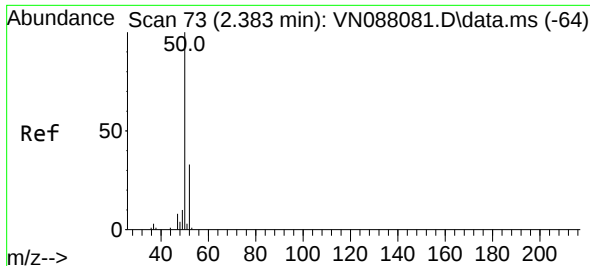
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 1.074 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

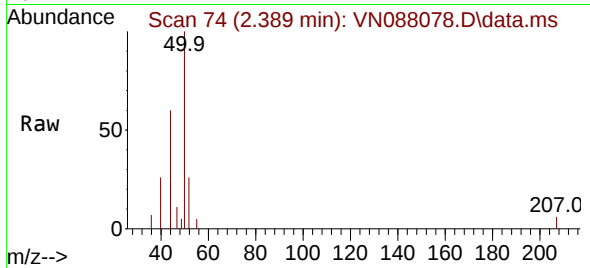
Tgt Ion: 85 Resp: 3763
Ion Ratio Lower Upper
85 100
87 35.2 16.6 49.8





#3
Chloromethane
Concen: 1.178 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

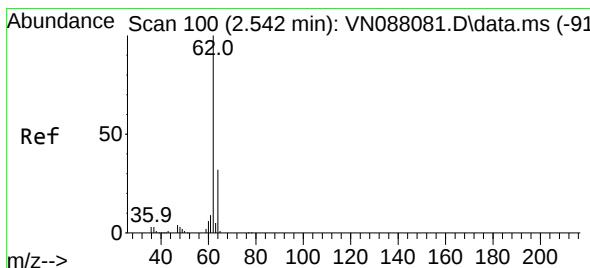
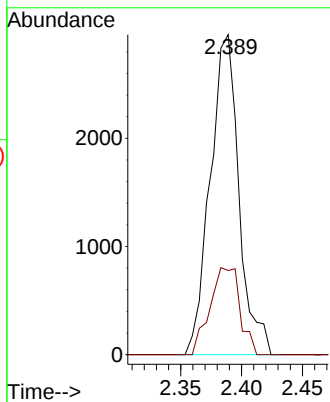
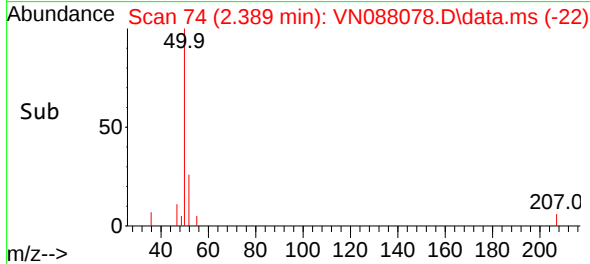
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 50 Resp: 485
Ion Ratio Lower Upper
50 100
52 26.3 26.2 39.4

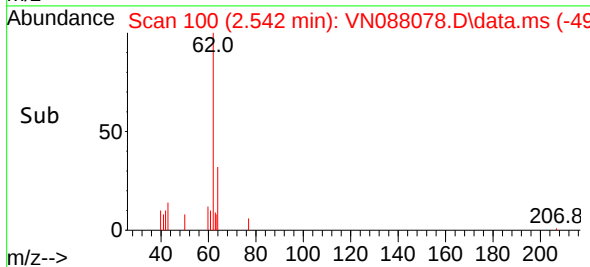
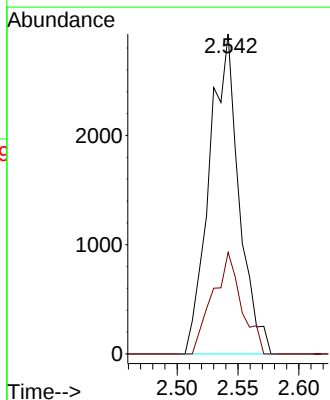
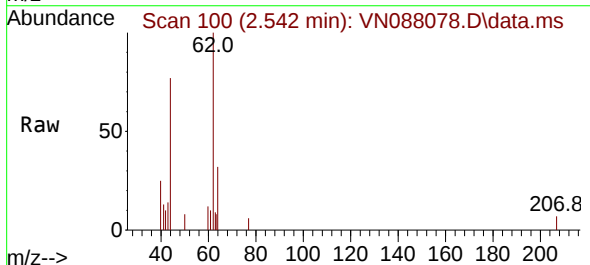
Manual Integrations
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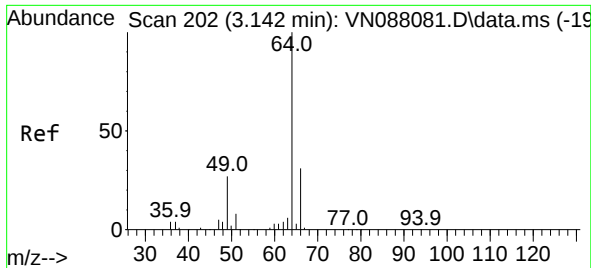
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#4
Vinyl Chloride
Concen: 1.108 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

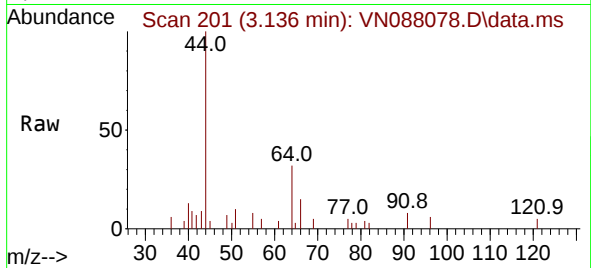
Tgt Ion: 62 Resp: 4975
Ion Ratio Lower Upper
62 100
64 31.8 24.6 37.0





#6
Chloroethane
Concen: 1.149 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

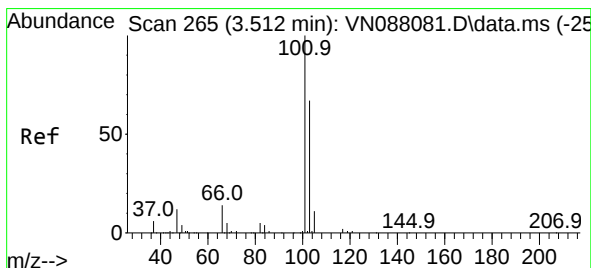
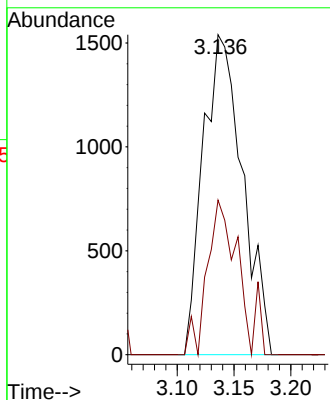
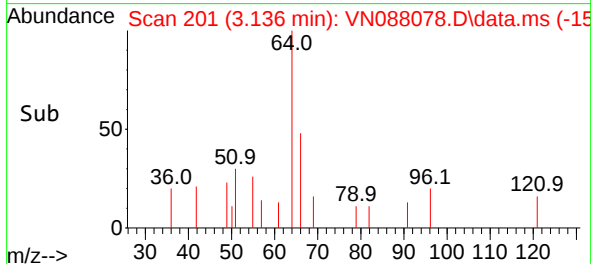
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 64 Resp: 371
Ion Ratio Lower Upper
64 100
66 48.3 26.2 39.2

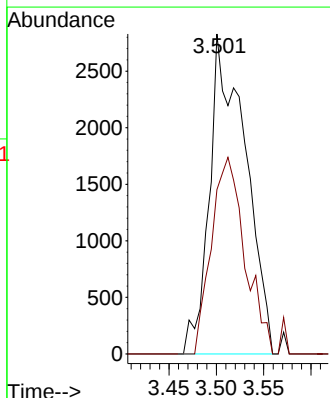
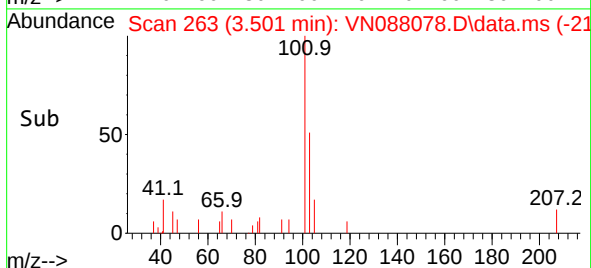
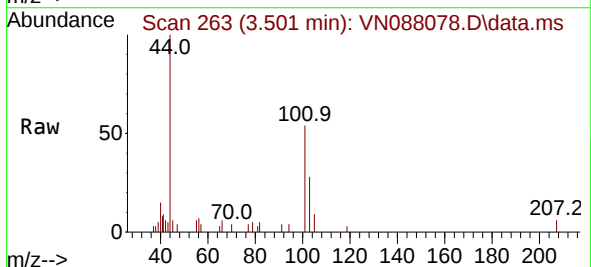
Manual Integrations
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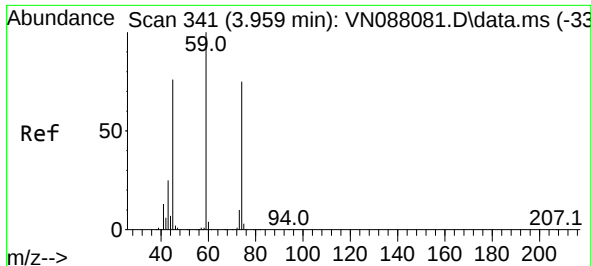
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#7
Trichlorofluoromethane
Concen: 1.039 ug/l
RT: 3.501 min Scan# 263
Delta R.T. -0.012 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

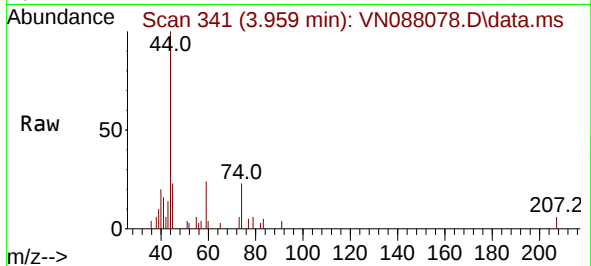
Tgt Ion:101 Resp: 7446
Ion Ratio Lower Upper
101 100
103 51.4 49.4 74.0





#8
Diethyl Ether
Concen: 1.065 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

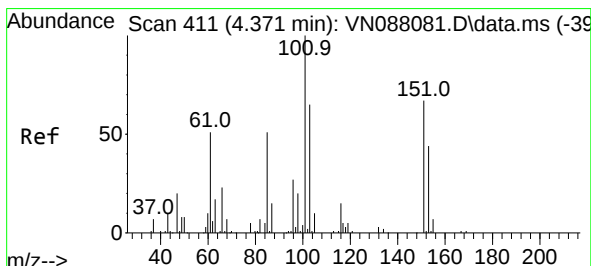
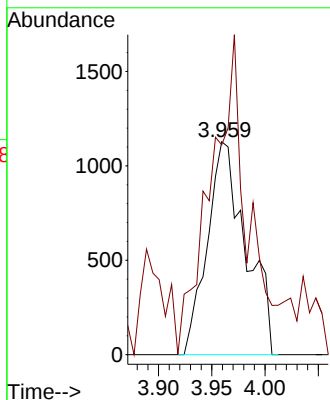
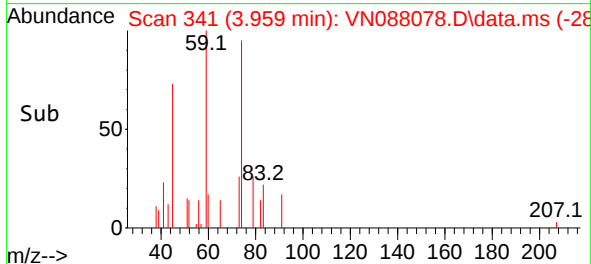
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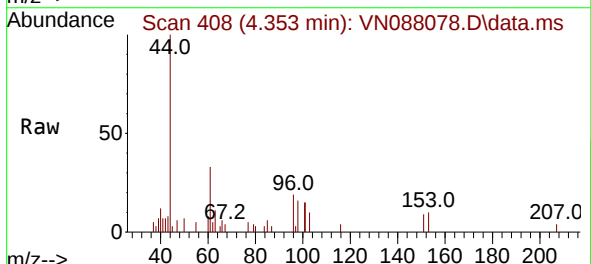
Tgt Ion: 74 Resp: 2835
Ion Ratio Lower Upper
74 100
45 142.0 50.6 151.9

Manual Integrations
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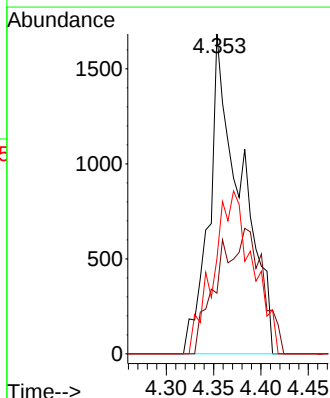
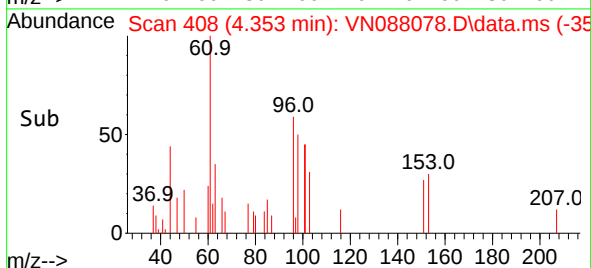
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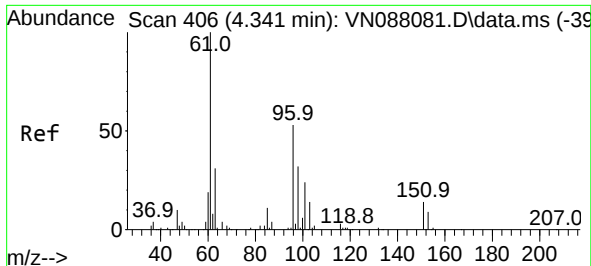


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.071 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42



Tgt Ion:101 Resp: 3959
Ion Ratio Lower Upper
101 100
85 0.0 36.6 55.0#
151 0.0 54.7 82.1#





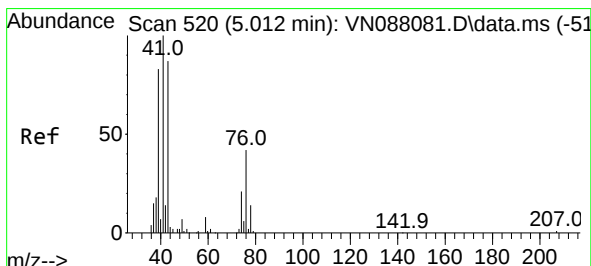
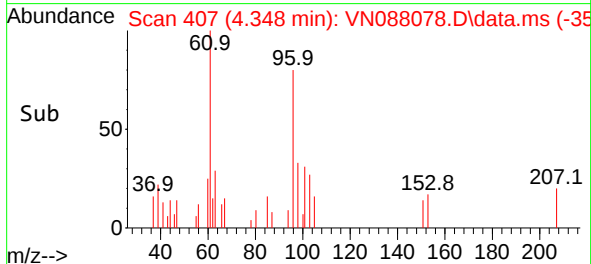
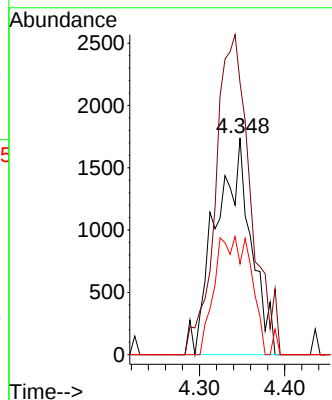
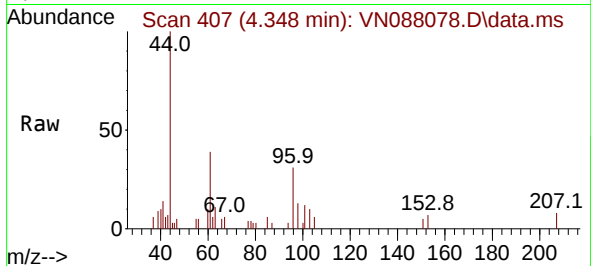
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1,1-Dichloroethene
Concen: 1.283 ug/l
RT: 4.348 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Instrument :
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ClientSampleId :
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Tgt Ion: 96 Resp: 5000
Ion Ratio Lower Upper
96 100
61 125.4 143.8 215.8
98 42.0 52.1 78.1

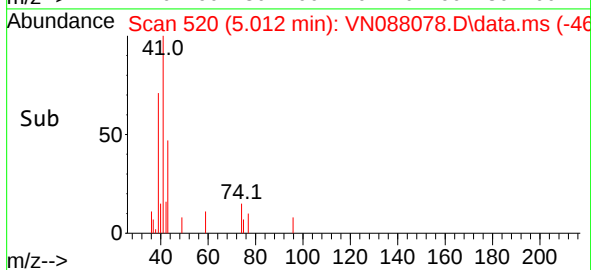
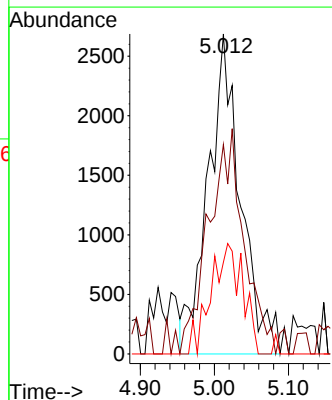
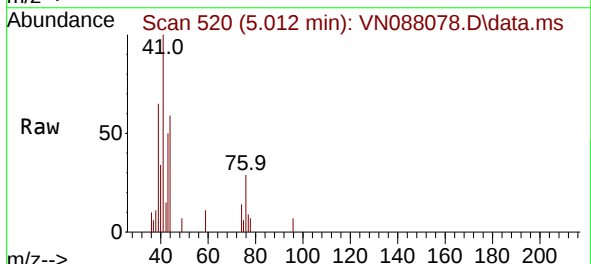
Manual Integrations
APPROVED

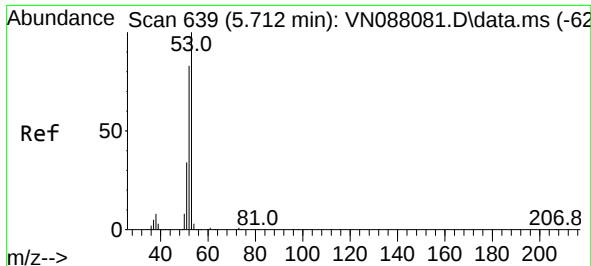
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Allyl chloride
Concen: 1.206 ug/l m
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

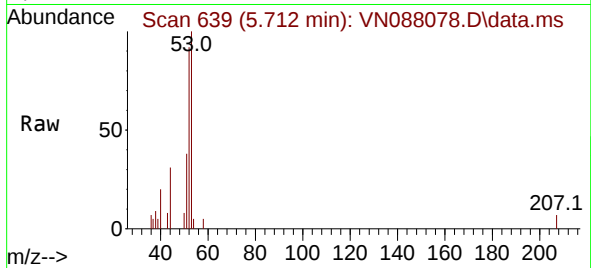
Tgt Ion: 41 Resp: 8229
Ion Ratio Lower Upper
41 100
39 75.5 63.9 95.9
76 33.5 28.1 42.1





#15
Acrylonitrile
Concen: 4.900 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

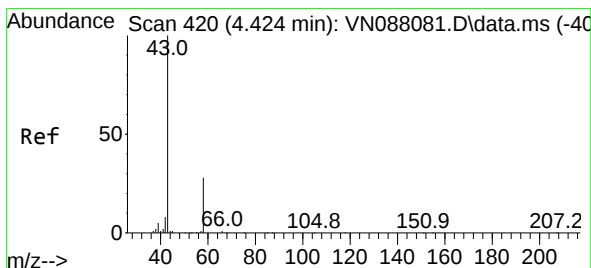
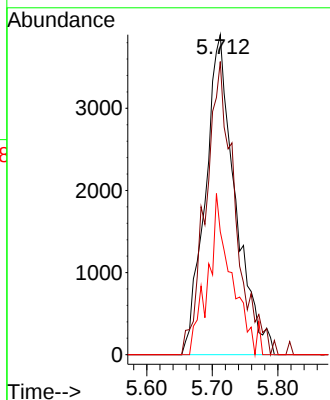
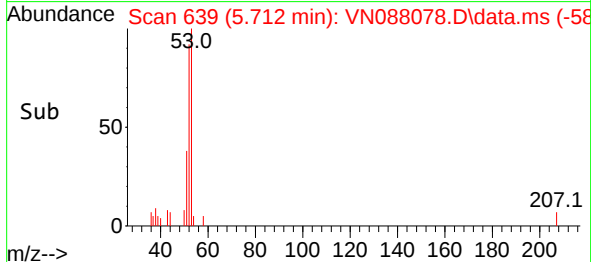
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 53 Resp: 1235
Ion Ratio Lower Upper
53 100
52 90.1 67.6 101.4
51 38.6 30.1 45.1

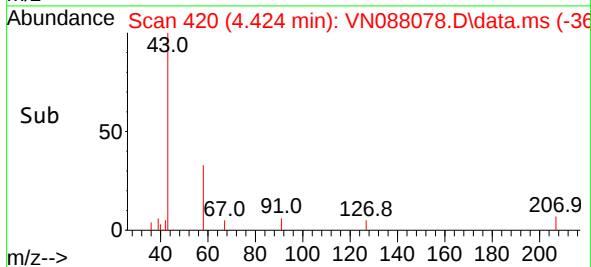
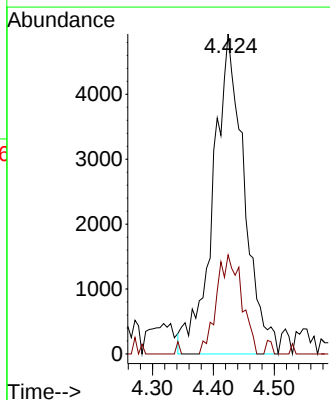
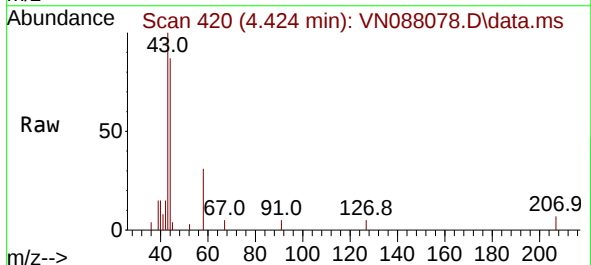
Manual Integrations
APPROVED

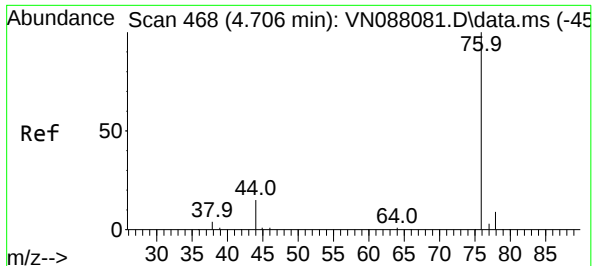
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Acetone
Concen: 6.476 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

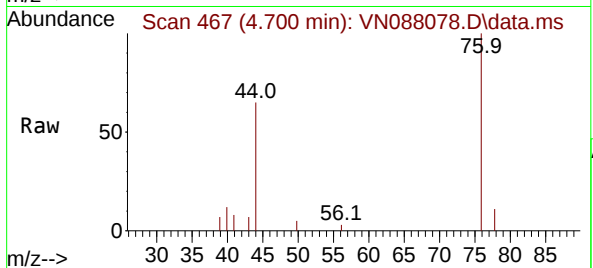
Tgt Ion: 43 Resp: 17476
Ion Ratio Lower Upper
43 100
58 31.0 22.6 33.8





#17
Carbon Disulfide
Concen: 1.122 ug/l
RT: 4.700 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

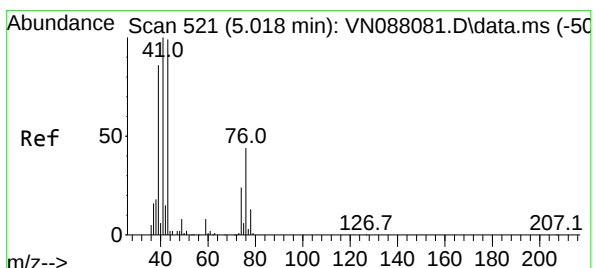
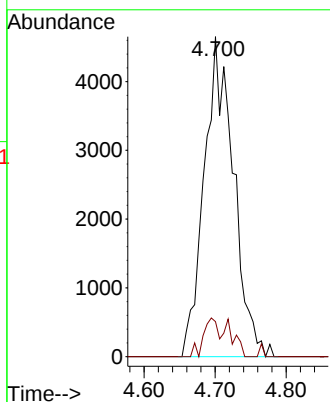
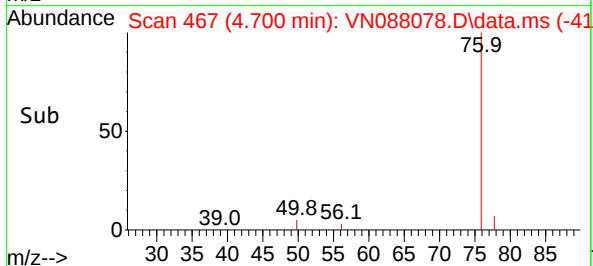
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 76 Resp: 1331
Ion Ratio Lower Upper
76 100
78 10.9 7.6 11.4

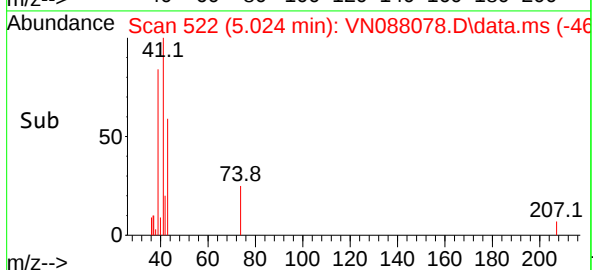
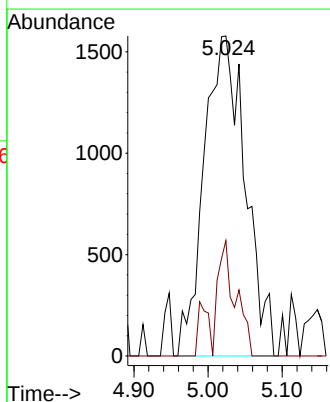
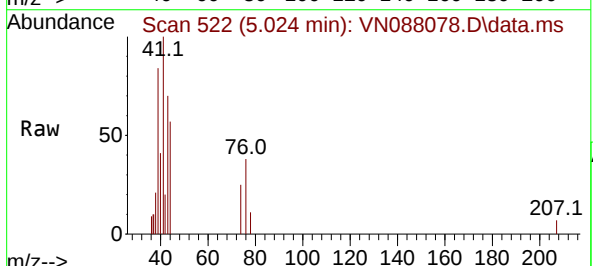
Manual Integrations
APPROVED

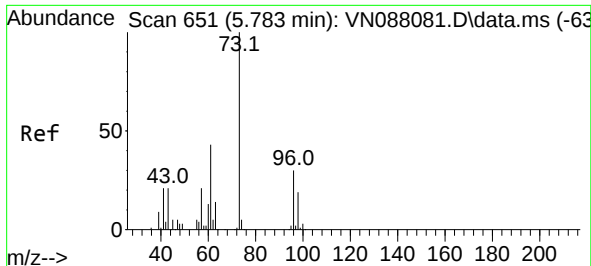
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 1.104 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 43 Resp: 6099
Ion Ratio Lower Upper
43 100
74 15.3 17.6 26.4#





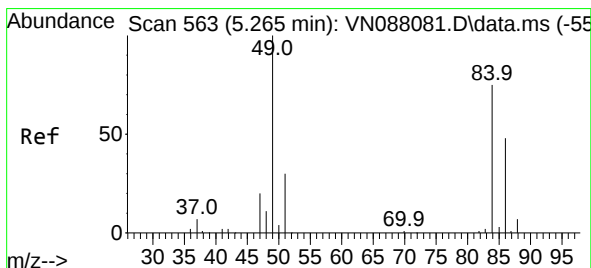
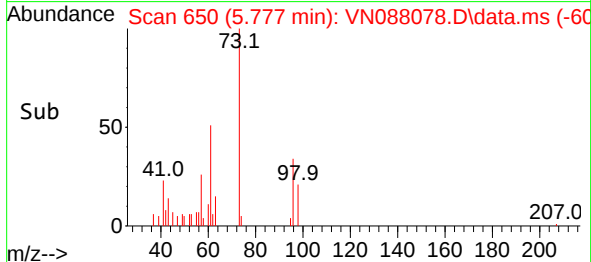
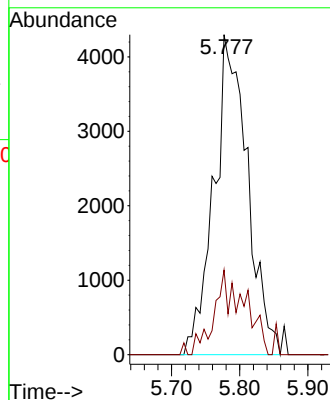
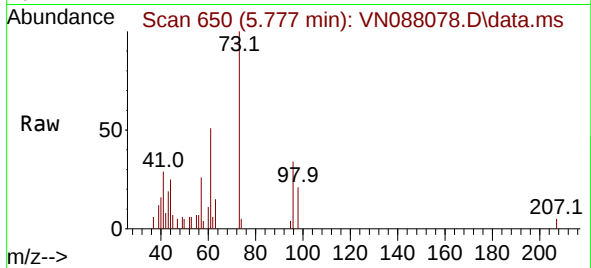
#19
Methyl tert-butyl Ether
Concen: 1.021 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 1463
Ion Ratio Lower Upper
73 100
57 26.4 18.4 27.6

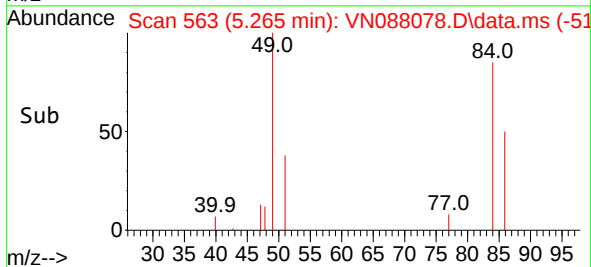
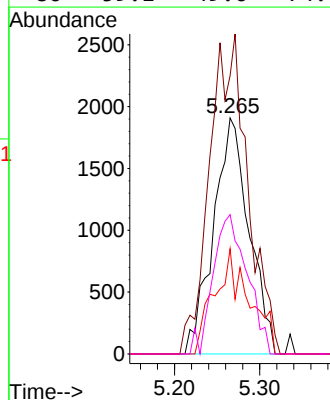
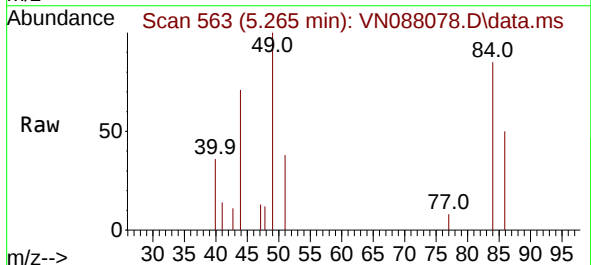
Manual Integrations
APPROVED

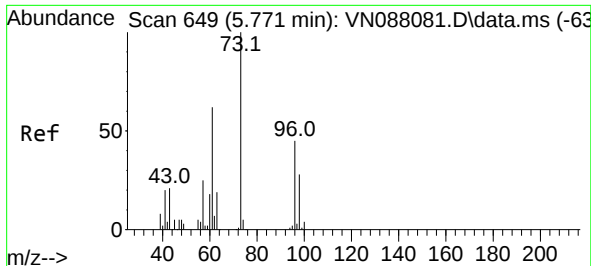
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Methylene Chloride
Concen: 2.075 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

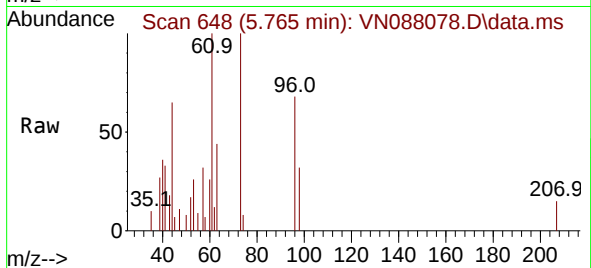
Tgt Ion: 84 Resp: 5554
Ion Ratio Lower Upper
84 100
49 118.0 103.4 155.2
51 44.6 33.8 50.8
86 59.1 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 1.180 ug/l m
RT: 5.765 min Scan# 649
Delta R.T. -0.012 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

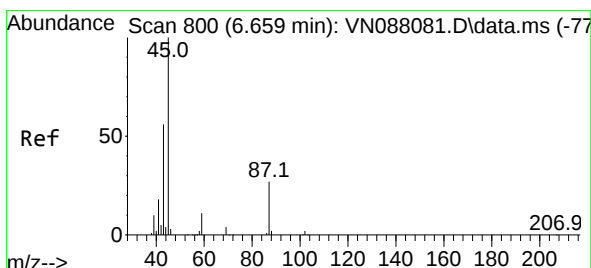
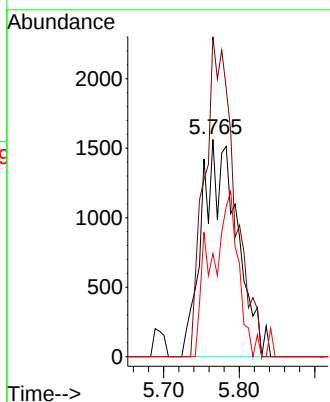
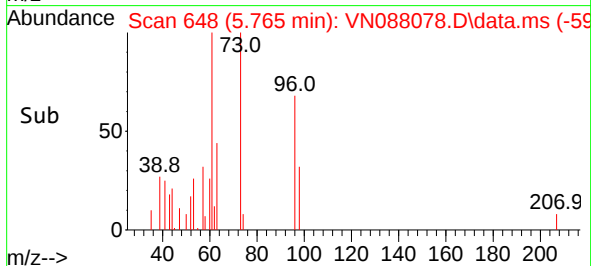
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 96 Resp: 509
Ion Ratio Lower Upper
96 100
61 147.3 118.0 177.0
98 47.4 50.0 75.0

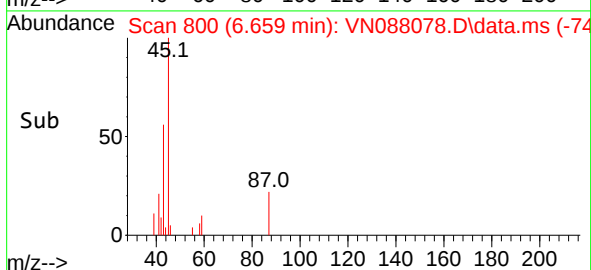
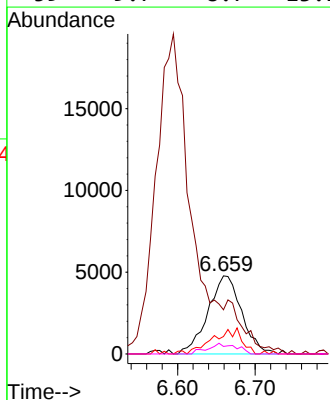
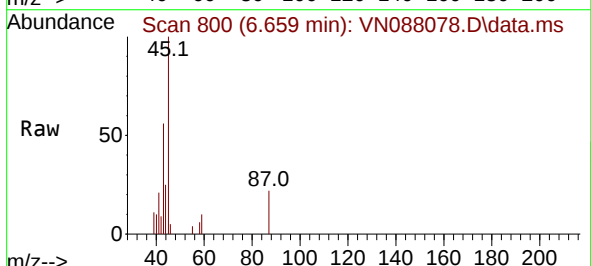
Manual Integrations
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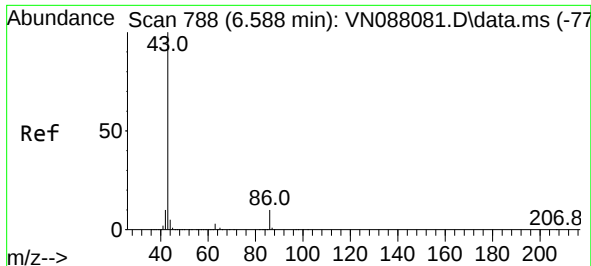
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
Diisopropyl ether
Concen: 1.004 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 45 Resp: 14446
Ion Ratio Lower Upper
45 100
43 48.9 47.7 71.5
87 22.3 21.4 32.0
59 9.7 8.7 13.1





#23
 Vinyl Acetate
 Concen: 4.692 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

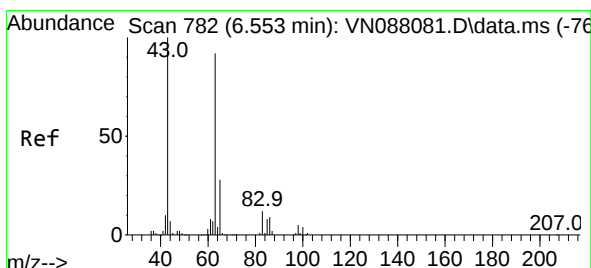
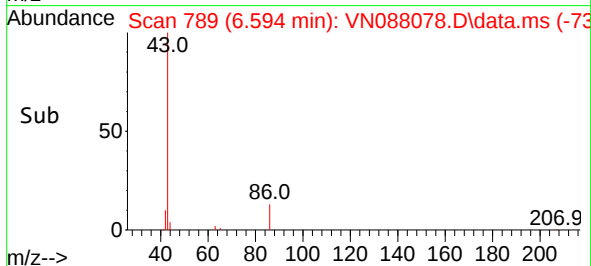
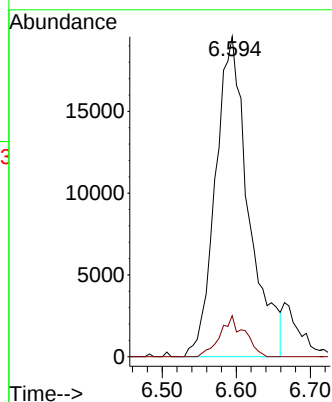
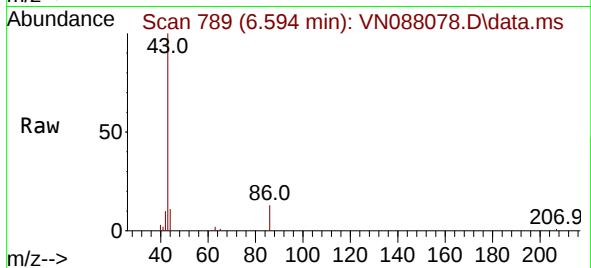
VSTDICC001

Tgt Ion: 43 Resp: 60828
 Ion Ratio Lower Upper
 43 100
 86 12.8 8.2 12.4

Manual Integrations

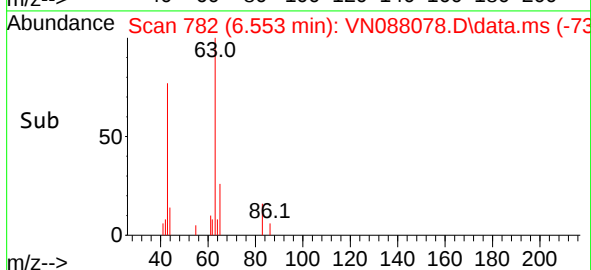
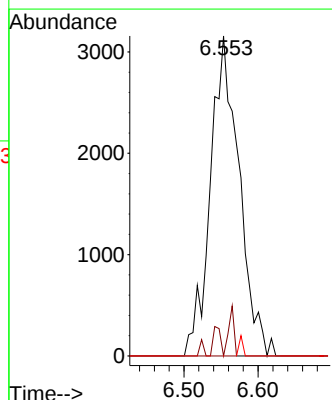
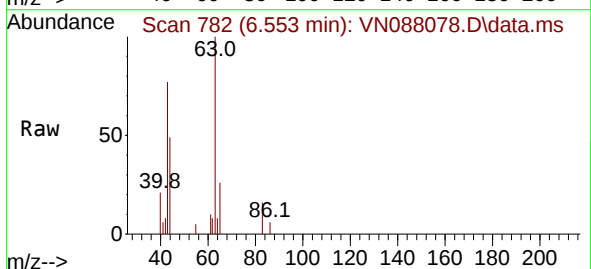
APPROVED

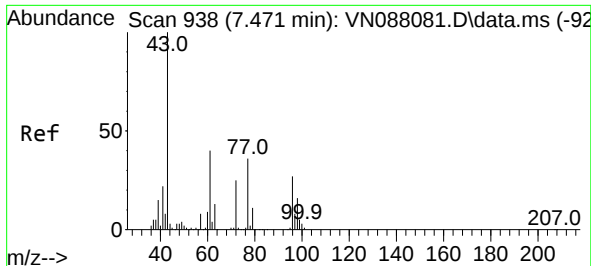
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#24
 1,1-Dichloroethane
 Concen: 1.068 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

Tgt Ion: 63 Resp: 8517
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.8 11.4#
 100 0.0 2.0 6.0#





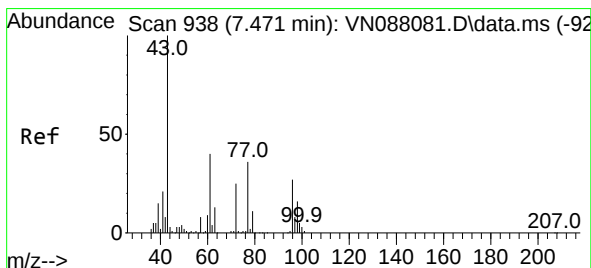
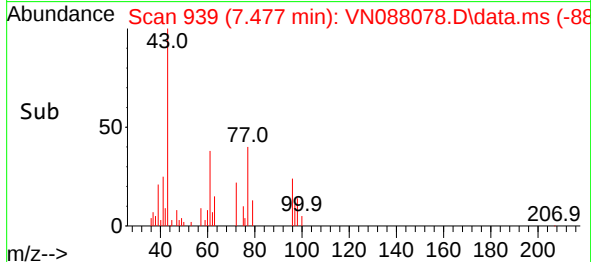
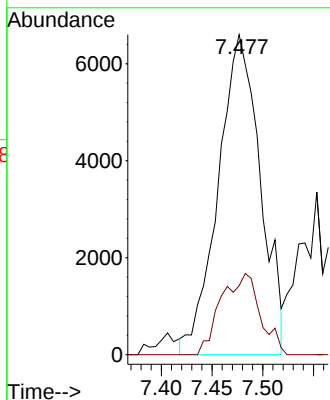
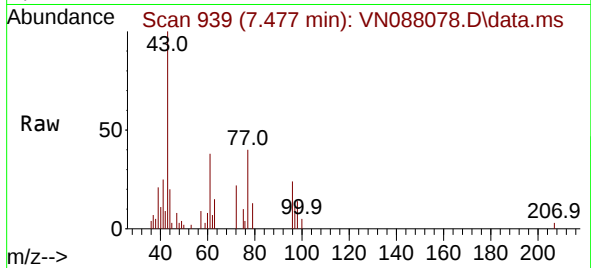
#25
2-Butanone
Concen: 5.426 ug/l m
RT: 7.477 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 19098
Ion Ratio Lower Upper
43 100
72 21.5 19.9 29.9

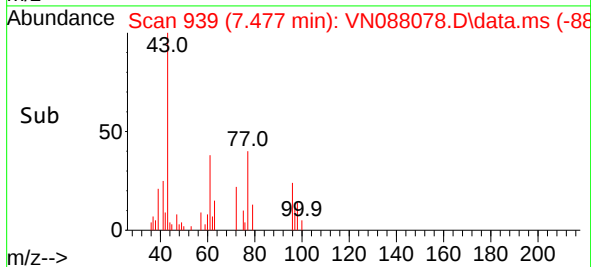
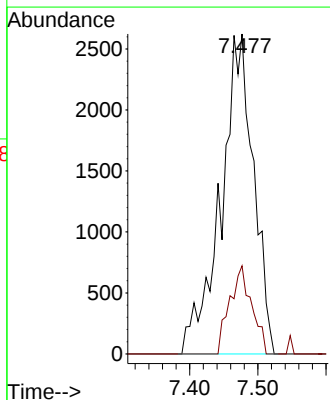
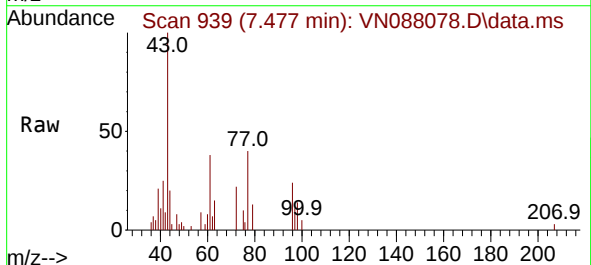
Manual Integrations
APPROVED

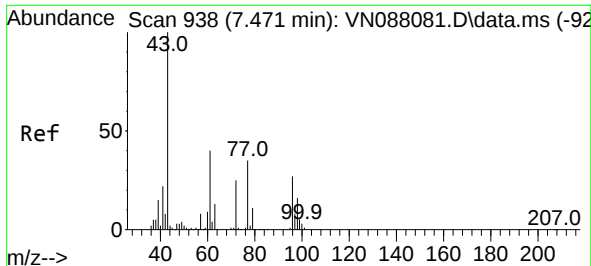
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
2,2-Dichloropropane
Concen: 1.203 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 77 Resp: 8718
Ion Ratio Lower Upper
77 100
97 18.6 10.9 32.7





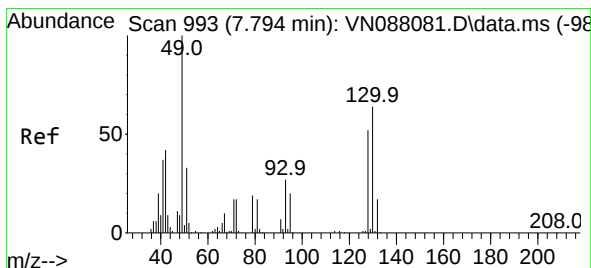
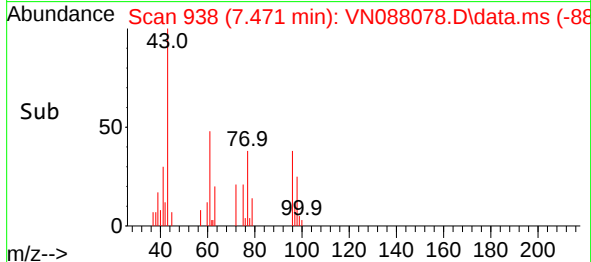
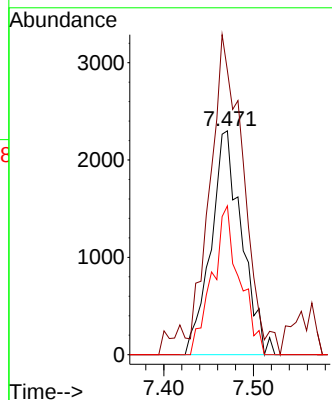
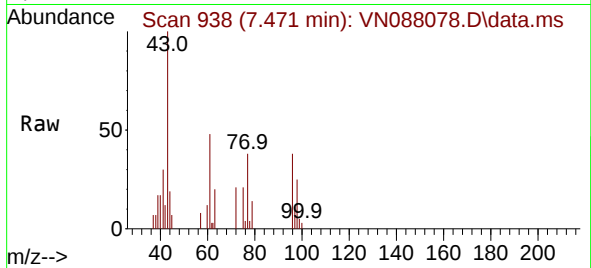
#27
 cis-1,2-Dichloroethene
 Concen: 1.113 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 96 Resp: 549
 Ion Ratio Lower Upper
 96 100
 61 160.3 0.0 301.8
 98 59.4 0.0 126.2

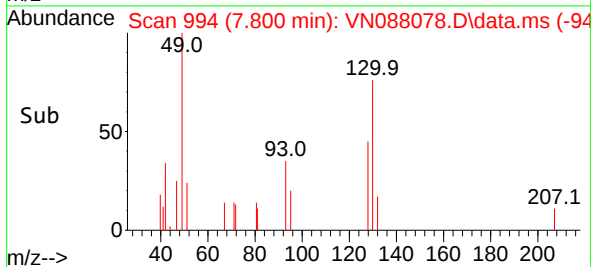
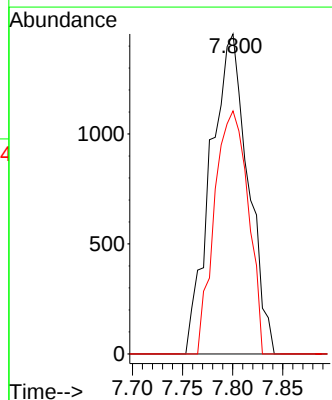
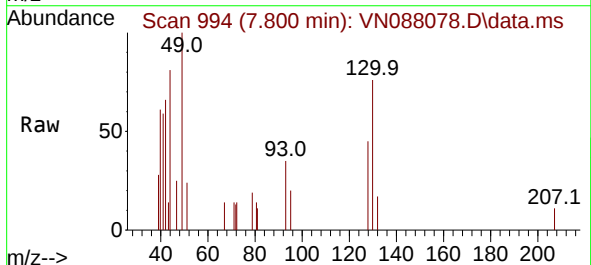
Manual Integrations
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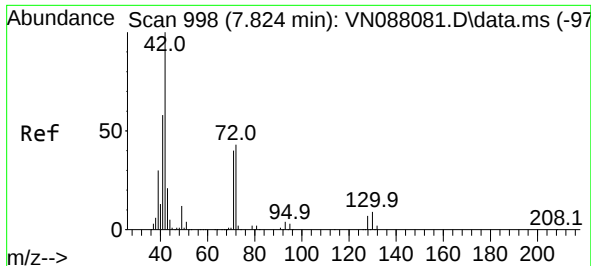
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#28
 Bromochloromethane
 Concen: 1.002 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

Tgt Ion: 49 Resp: 3776
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.0
 130 68.1 53.1 79.7





#29

Tetrahydrofuran

Concen: 5.529 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

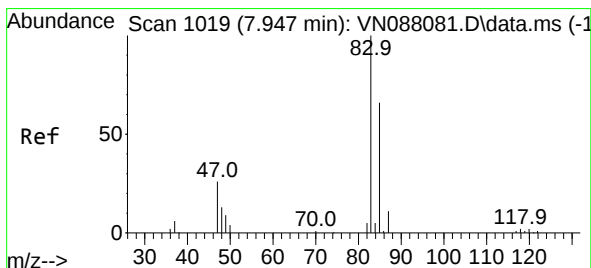
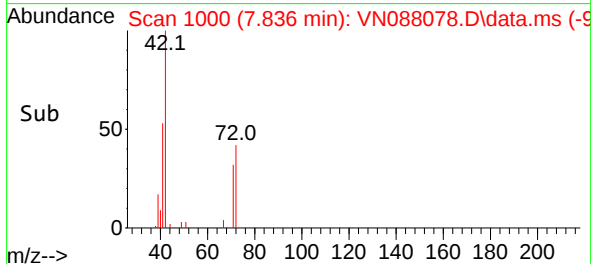
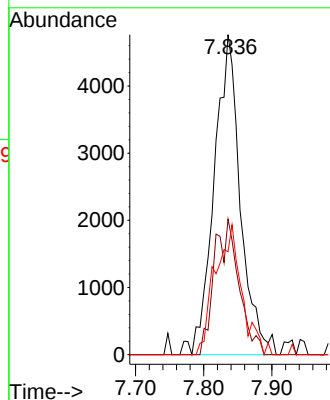
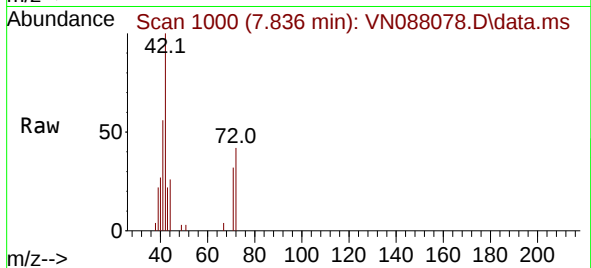
Tgt Ion: 42 Resp: 12815
 Ion Ratio Lower Upper
 42 100
 72 0.0 33.7 50.5
 71 41.0 31.9 47.9

Manual Integrations

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Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

Chloroform

Concen: 1.040 ug/l

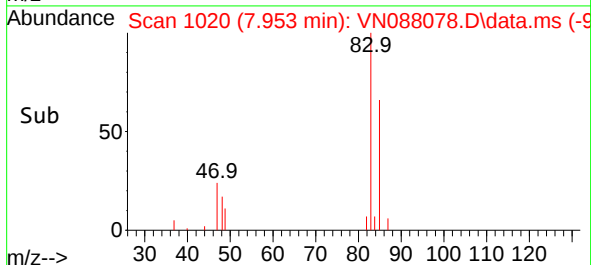
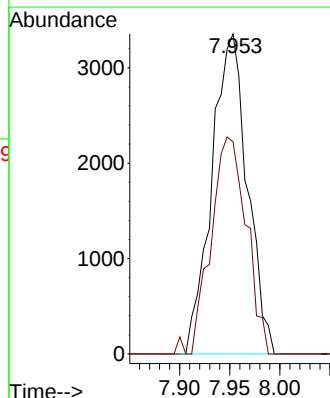
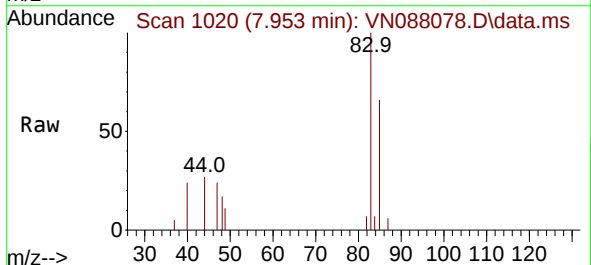
RT: 7.953 min Scan# 1020

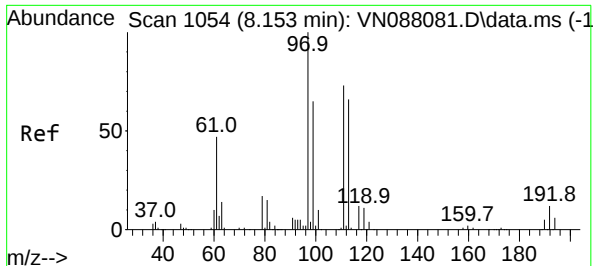
Delta R.T. 0.006 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Tgt Ion: 83 Resp: 8286
 Ion Ratio Lower Upper
 83 100
 85 66.3 50.7 76.1





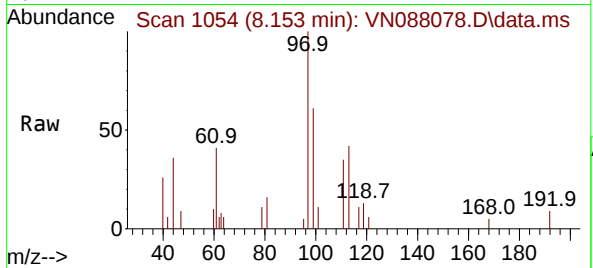
#32
 1,1,1-Trichloroethane
 Concen: 1.133 ug/l
 RT: 8.153 min Scan# 1054
 Delta R.T. -0.000 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001



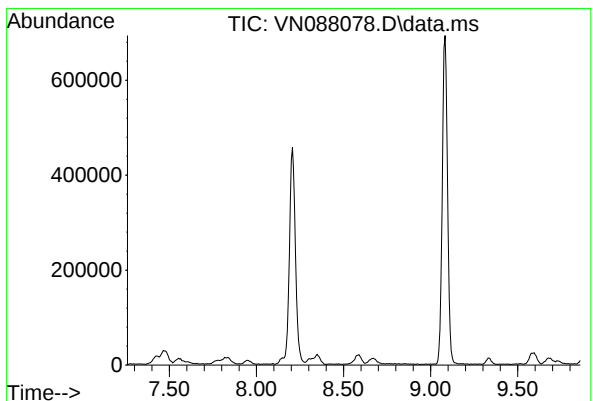
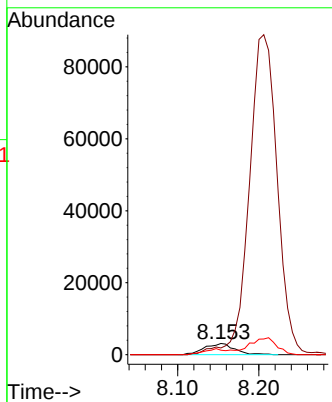
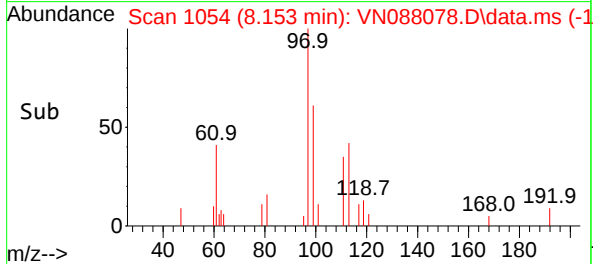
Tgt Ion: 97 Resp: 8030
 Ion Ratio Lower Upper
 97 100
 99 0.0 52.2 78.2
 61 34.7 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

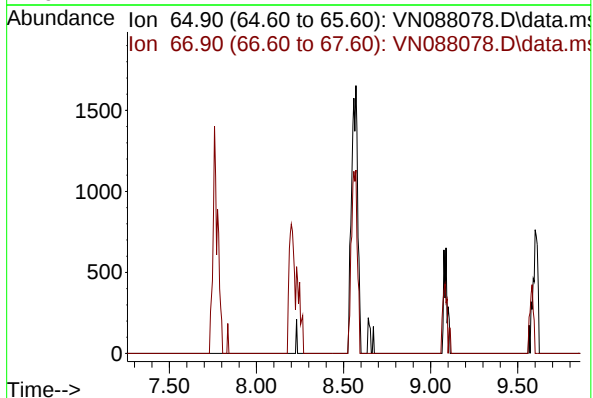
Supervised By :Mahesh Dadoda 10/27/2025

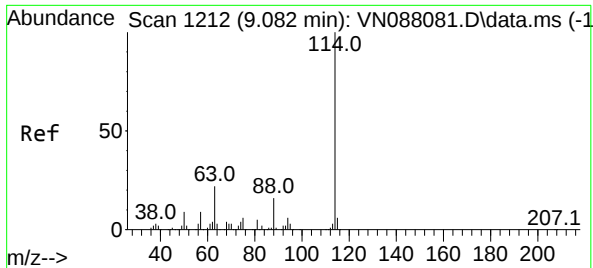


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.56 min

Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

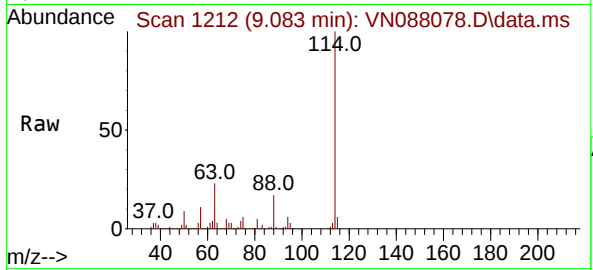
Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 50.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

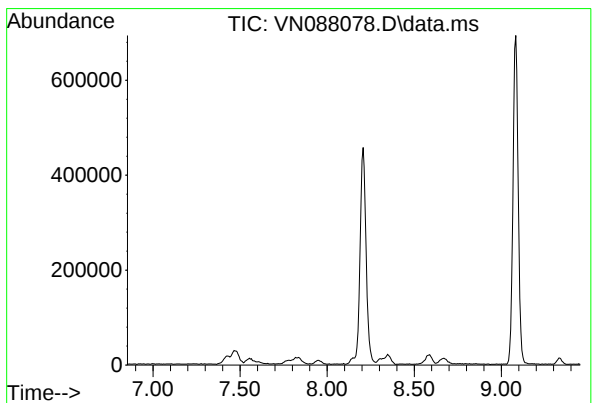
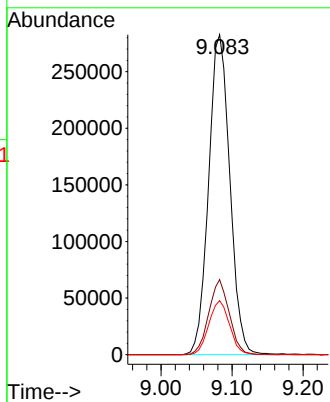
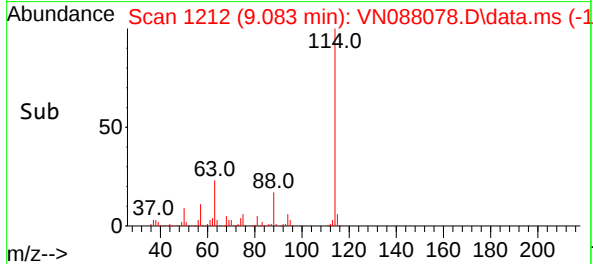
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:114 Resp: 586229
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.2
88 16.9 0.0 33.4

Manual Integrations
APPROVED

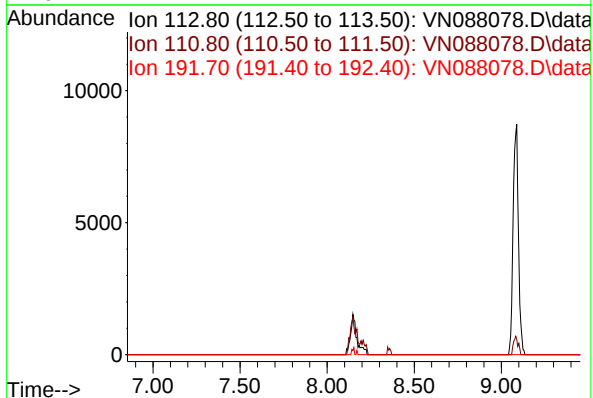
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

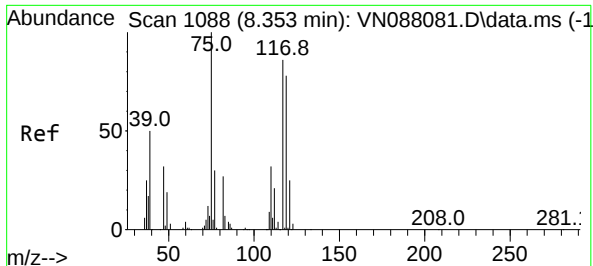


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 8.15 min

Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

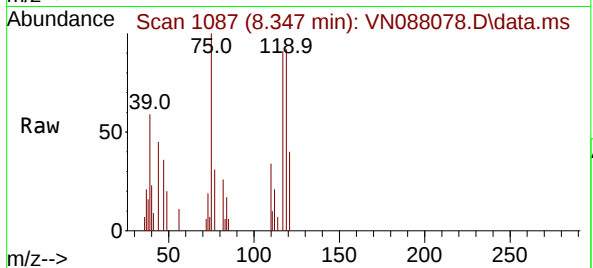
Tgt Ion: 113
Sig Exp Ratio
113 100
111 103.5
192 16.0





#36
1,1-Dichloropropene
Concen: 1.050 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

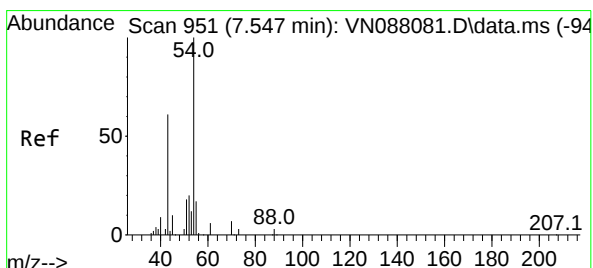
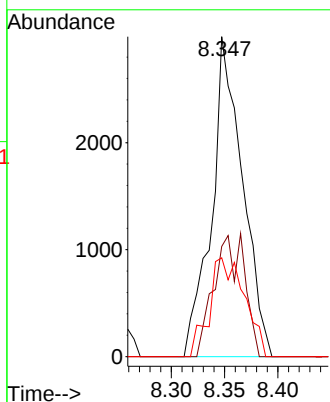
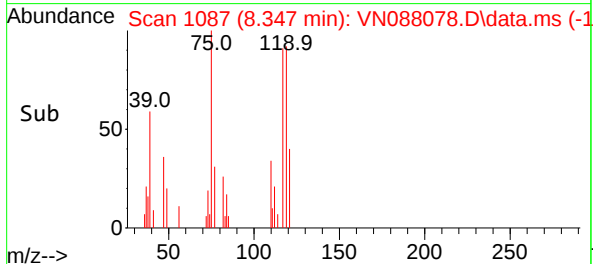
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



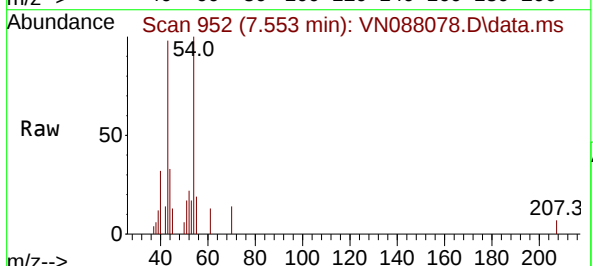
Tgt Ion: 75 Resp: 6030
Ion Ratio Lower Upper
75 100
110 37.6 15.9 47.6
77 35.3 24.4 36.6

Manual Integrations
APPROVED

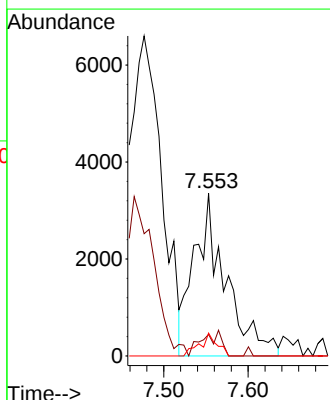
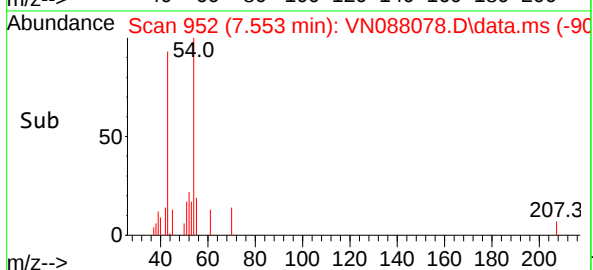
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

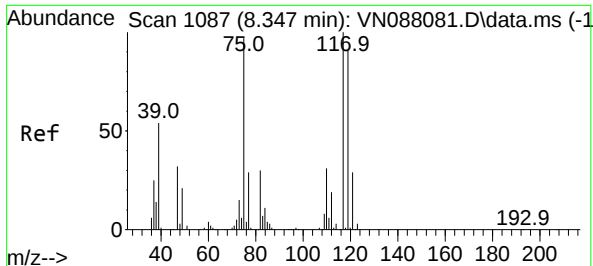


#37
Ethyl Acetate
Concen: 1.177 ug/l m
RT: 7.553 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42



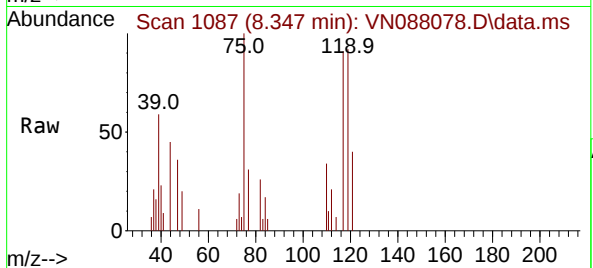
Tgt Ion: 43 Resp: 8700
Ion Ratio Lower Upper
43 100
61 9.6 9.3 13.9
70 7.8 7.0 10.6





#38
Carbon Tetrachloride
Concen: 1.074 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

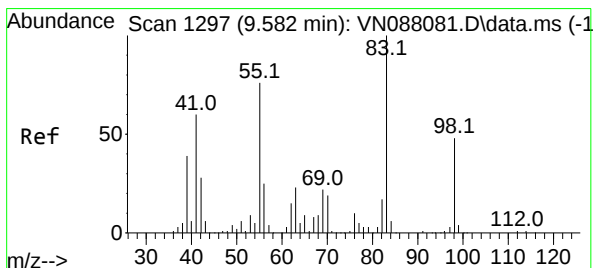
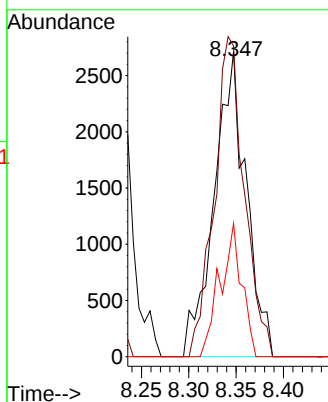
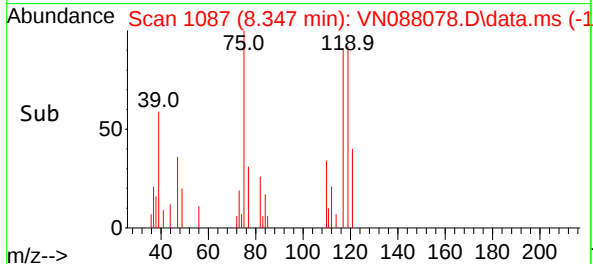
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



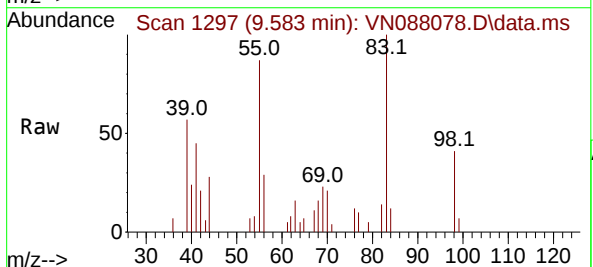
Tgt Ion: 117 Resp: 638
Ion Ratio Lower Upper
117 100
119 101.8 79.0 118.6
121 43.7 25.0 37.6

Manual Integrations
APPROVED

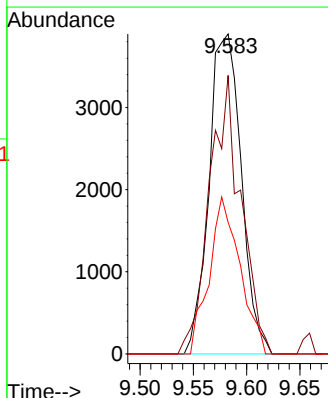
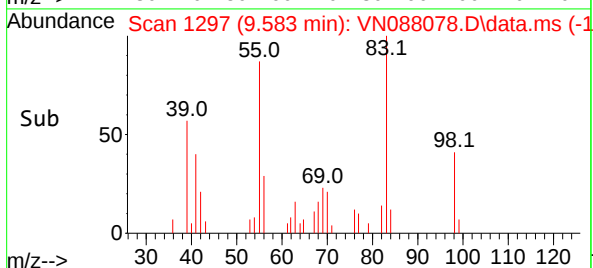
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

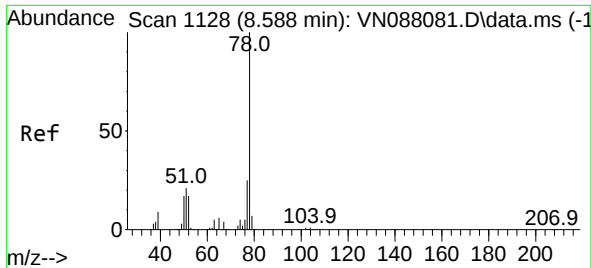


#39
Methylcyclohexane
Concen: 1.112 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42



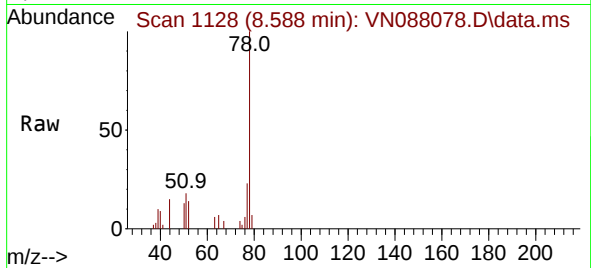
Tgt Ion: 83 Resp: 8221
Ion Ratio Lower Upper
83 100
55 87.1 64.6 96.8
98 41.1 38.4 57.6





#40
Benzene
Concen: 1.085 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

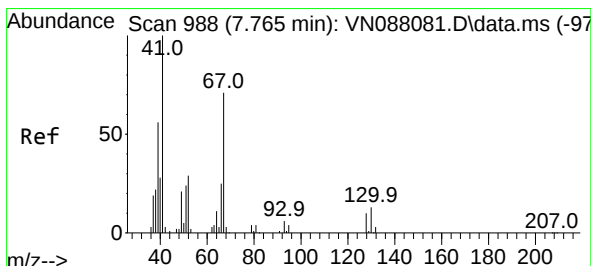
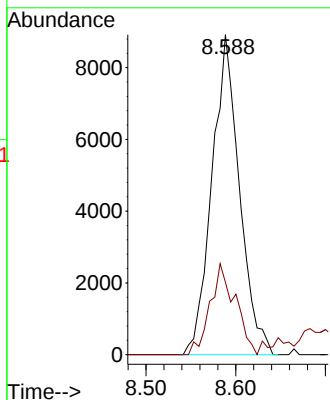
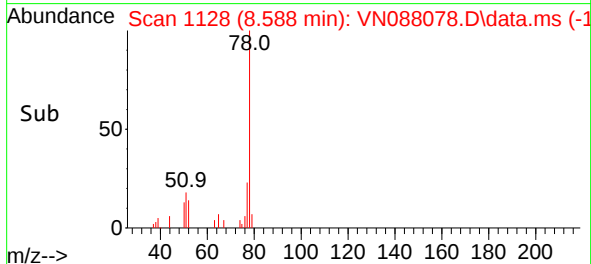
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 78 Resp: 19008
Ion Ratio Lower Upper
78 100
77 22.7 19.7 29.5

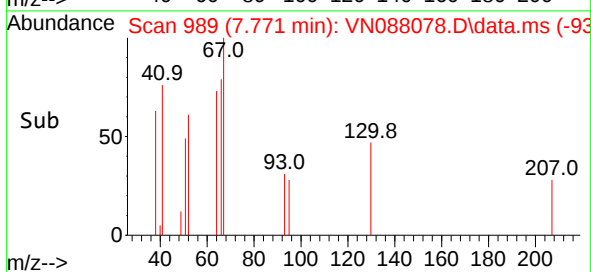
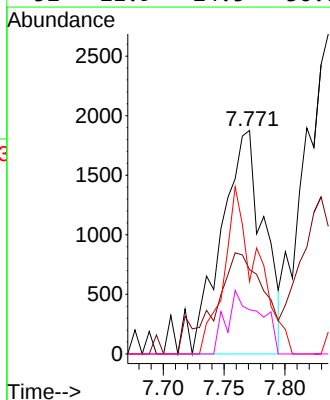
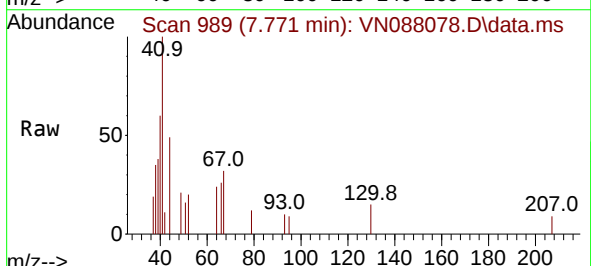
Manual Integrations
APPROVED

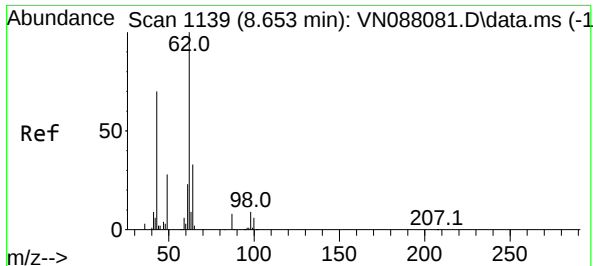
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#41
Methacrylonitrile
Concen: 1.182 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.012 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 41 Resp: 4616
Ion Ratio Lower Upper
41 100
39 52.6 45.4 68.0
67 57.8 55.3 82.9
52 21.9 24.5 36.7#





#42

1,2-Dichloroethane

Concen: 1.041 ug/l

RT: 8.653 min Scan# 1139

Delta R.T. -0.000 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

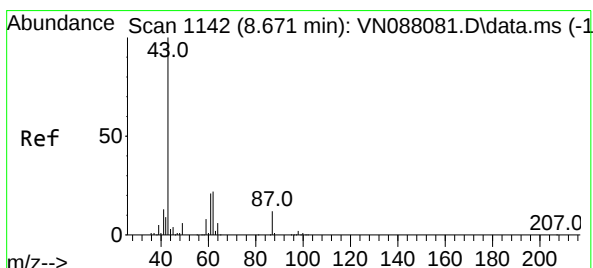
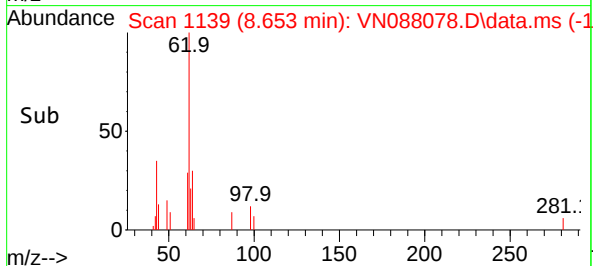
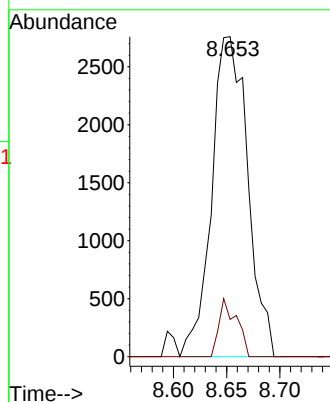
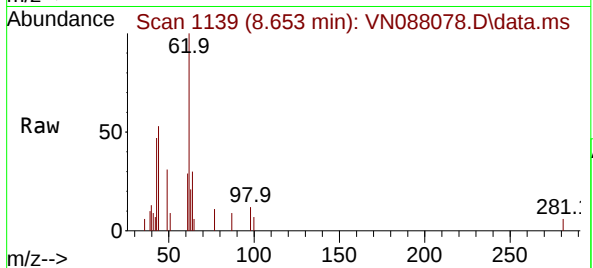
VSTDICC001

Tgt Ion: 62 Resp: 6475
 Ion Ratio Lower Upper
 62 100
 98 8.8 0.0 17.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#43

Isopropyl Acetate

Concen: 1.019 ug/l

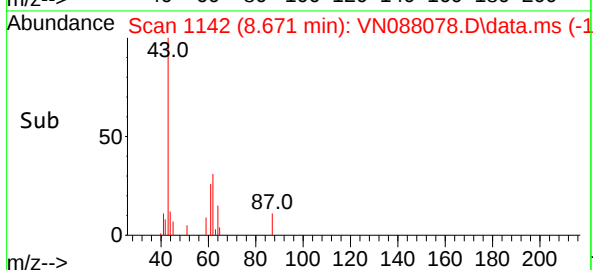
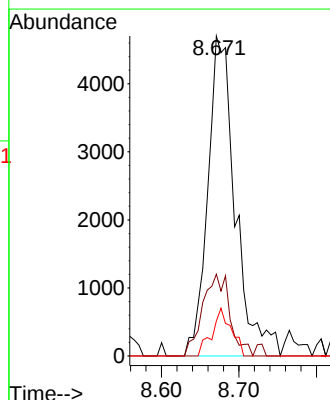
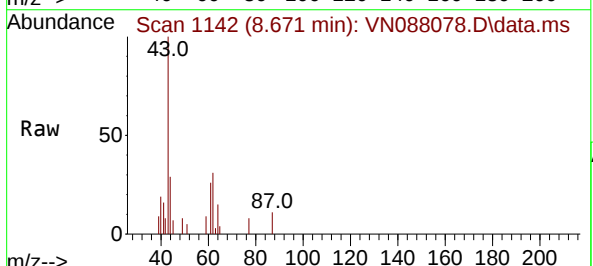
RT: 8.671 min Scan# 1142

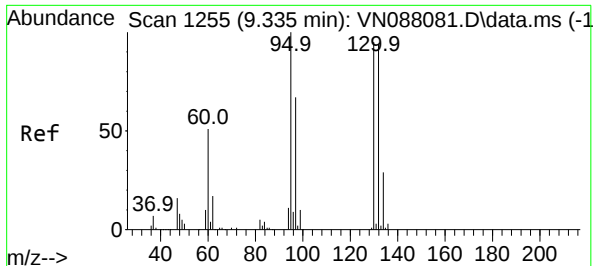
Delta R.T. 0.000 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Tgt Ion: 43 Resp: 11616
 Ion Ratio Lower Upper
 43 100
 61 25.1 18.8 28.2
 87 10.4 9.6 14.4





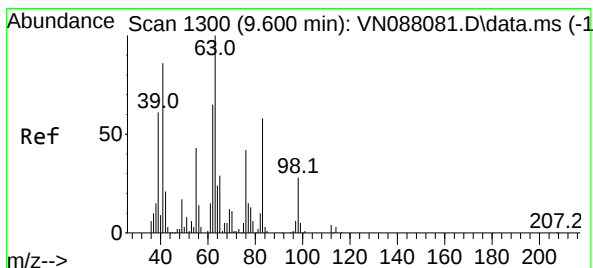
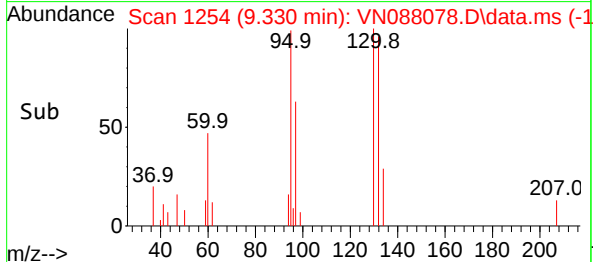
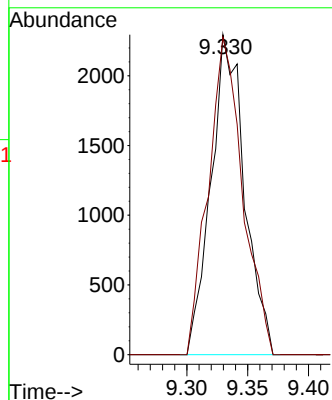
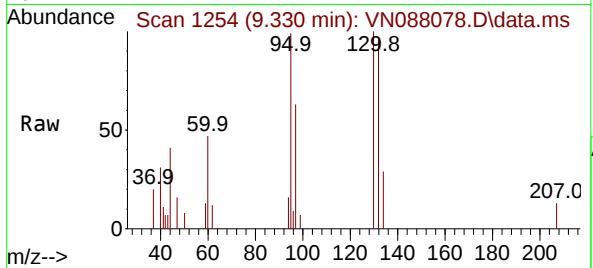
#44
Trichloroethene
Concen: 1.073 ug/l
RT: 9.330 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:130 Resp: 4394
Ion Ratio Lower Upper
130 100
95 99.2 0.0 212.0

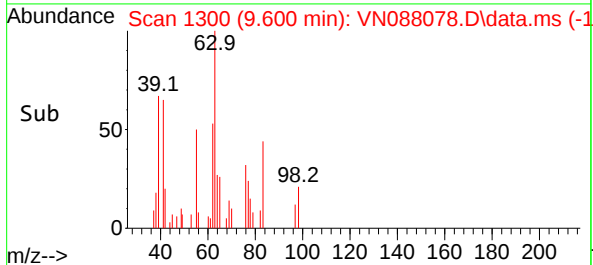
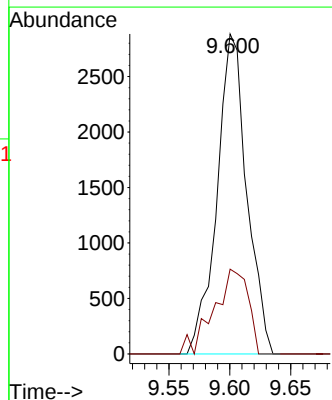
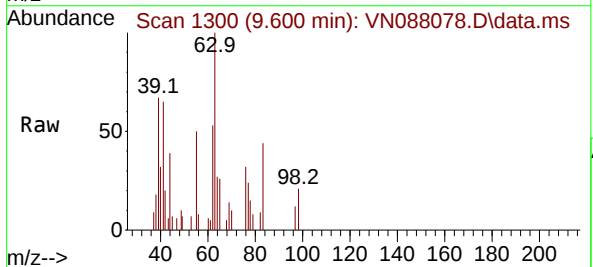
Manual Integrations
APPROVED

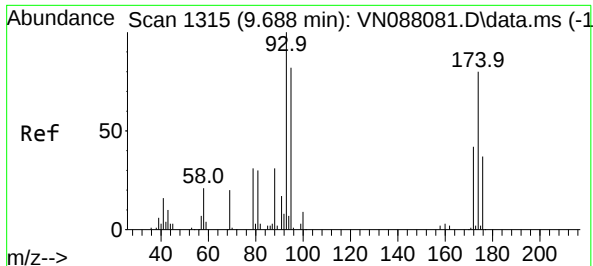
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#45
1,2-Dichloropropane
Concen: 1.114 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

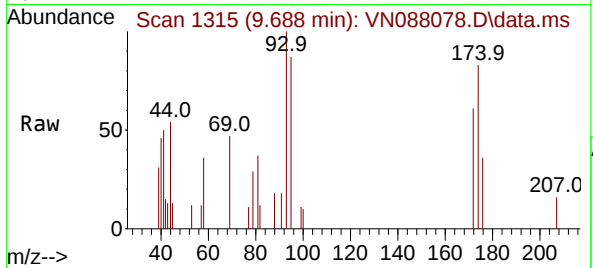
Tgt Ion: 63 Resp: 4927
Ion Ratio Lower Upper
63 100
65 26.5 25.0 37.4





#46
Dibromomethane
Concen: 1.022 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

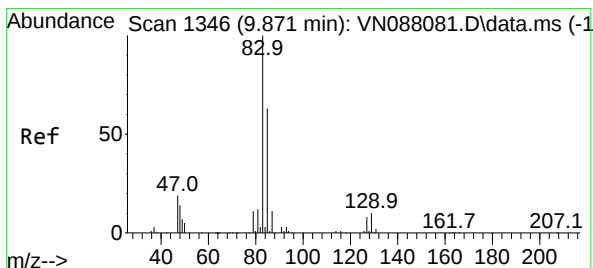
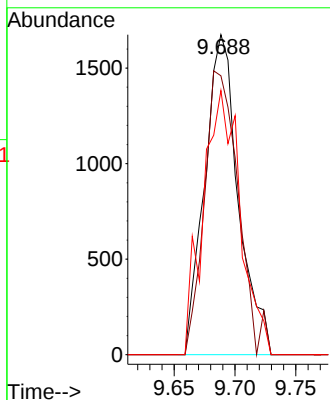
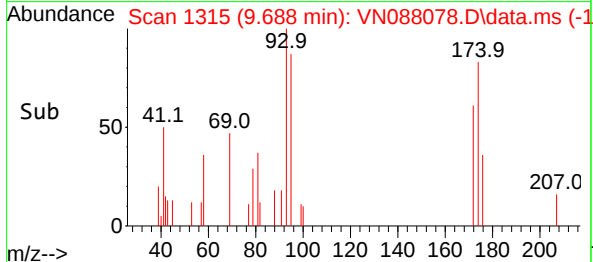
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



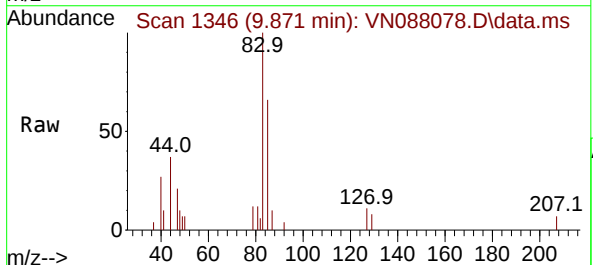
Tgt Ion: 93 Resp: 322
Ion Ratio Lower Upper
93 100
95 89.3 66.2 99.4
174 90.8 63.4 95.2

Manual Integrations
APPROVED

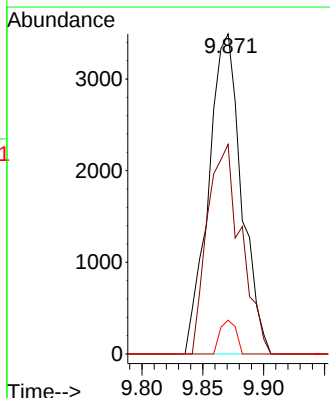
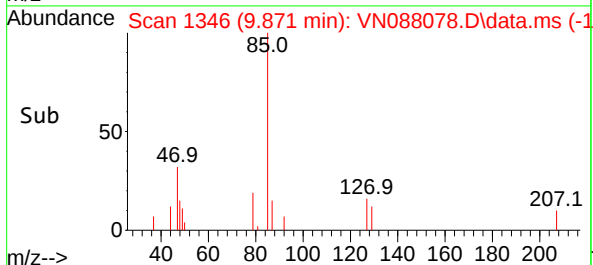
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

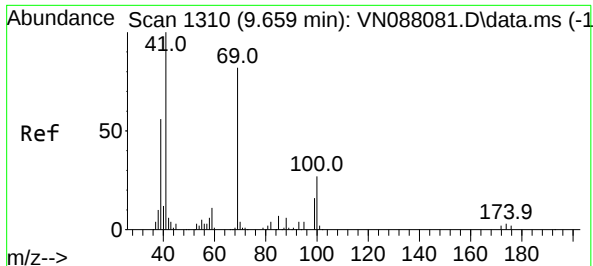


#47
Bromodichloromethane
Concen: 1.042 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42



Tgt Ion: 83 Resp: 6578
Ion Ratio Lower Upper
83 100
85 65.5 52.5 78.7
127 10.6 5.8 8.6





#48

Methyl methacrylate

Concen: 1.057 ug/l m

RT: 9.671 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

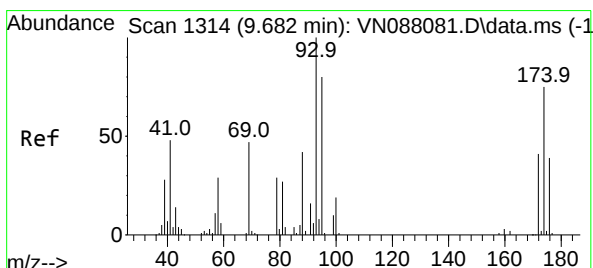
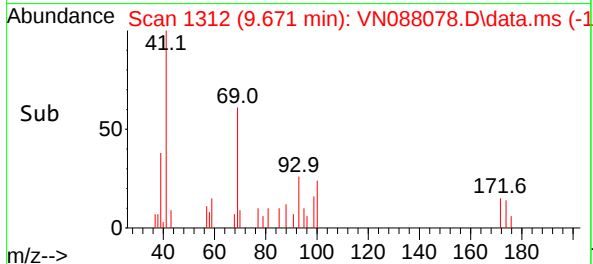
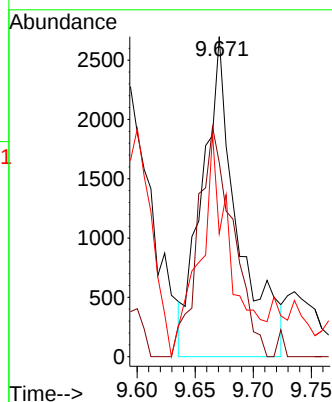
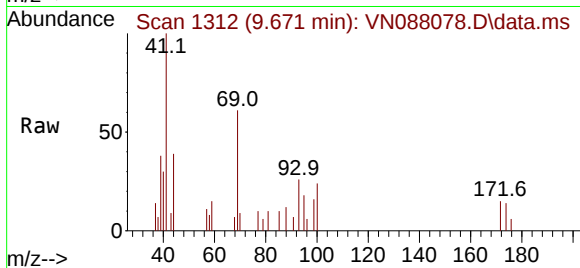
Tgt Ion:	41	Resp:	5720
Ion Ratio	Lower	Upper	
41	100		
69	71.1	62.7	94.1
39	60.6	52.9	79.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#49

1,4-Dioxane

Concen: 18.907 ug/l m

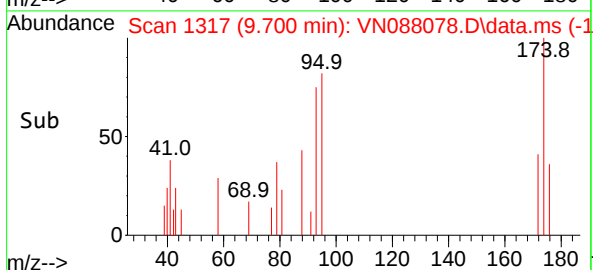
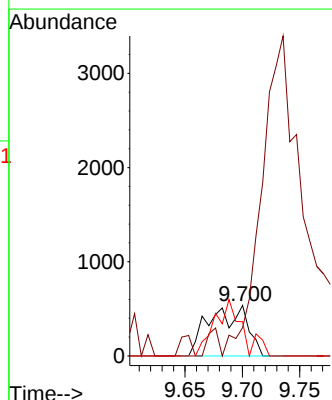
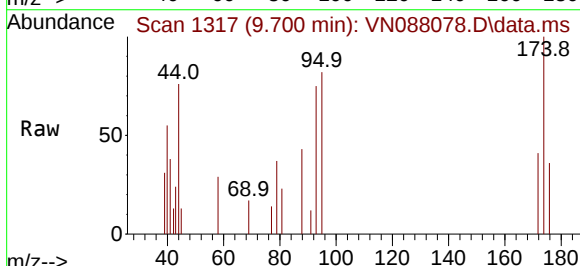
RT: 9.700 min Scan# 1317

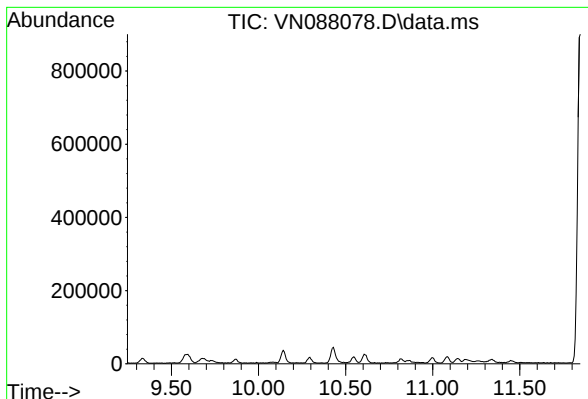
Delta R.T. 0.018 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Tgt Ion:	88	Resp:	1238
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	82.5	57.9	86.9





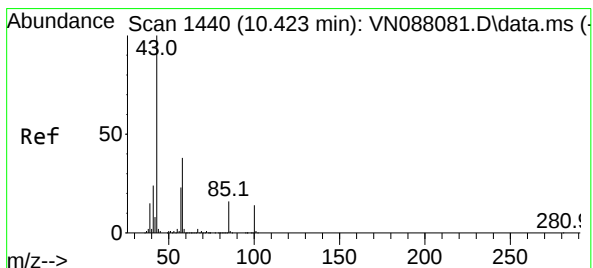
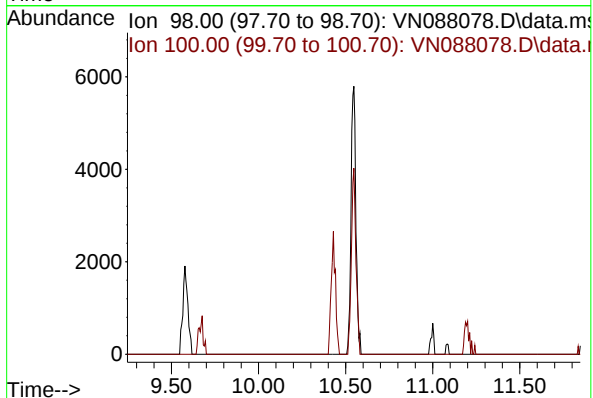
#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.55 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 66.0

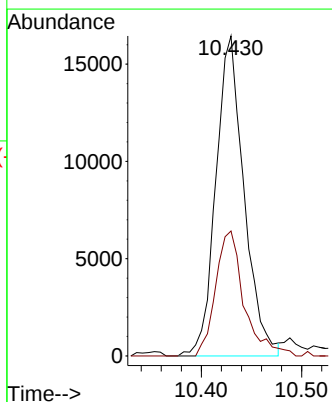
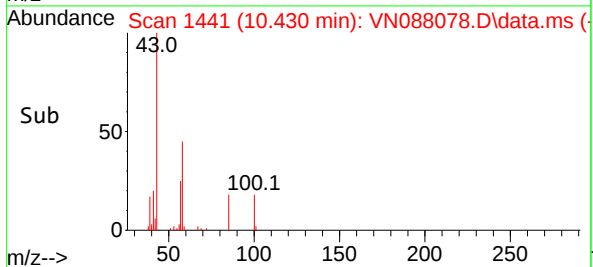
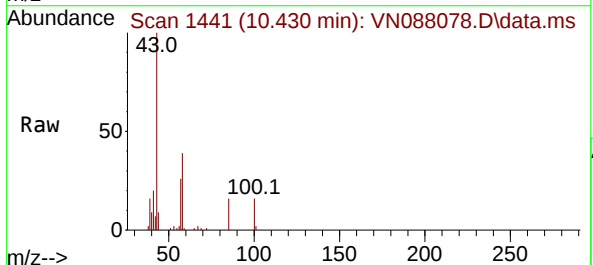
Manual Integrations
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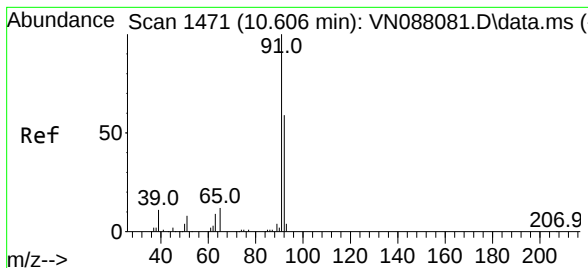
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#51
 4-Methyl-2-Pentanone
 Concen: 4.760 ug/l
 RT: 10.430 min Scan# 1441
 Delta R.T. 0.006 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

Tgt Ion: 43 Resp: 32109
 Ion Ratio Lower Upper
 43 100
 58 39.4 29.6 44.4





#52

Toluene

Concen: 1.054 ug/l

RT: 10.606 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 1138

Ion Ratio Lower Upper

92 100

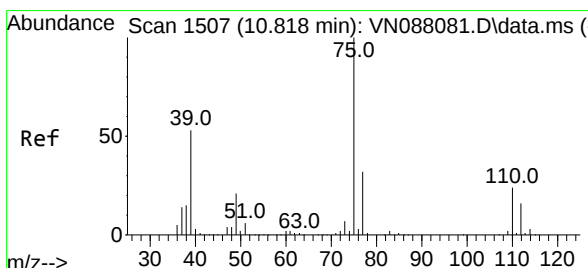
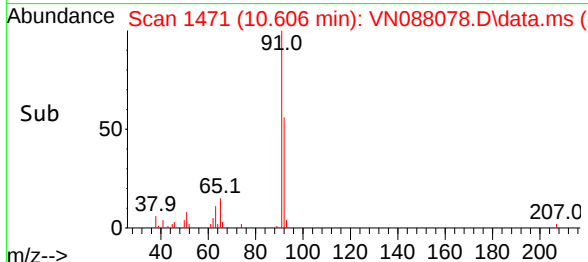
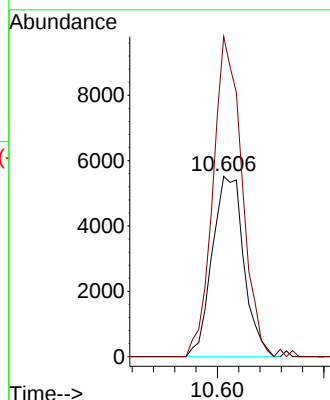
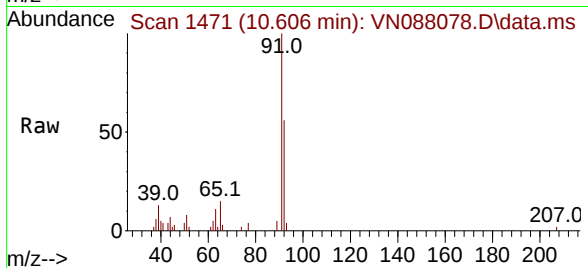
91 161.9 140.4 210.6

Manual Integrations

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Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#53

t-1,3-Dichloropropene

Concen: 0.967 ug/l

RT: 10.818 min Scan# 1507

Delta R.T. -0.000 min

Lab File: VN088078.D

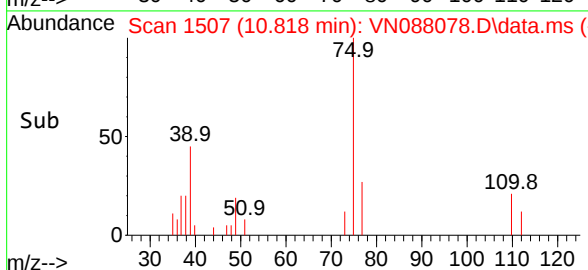
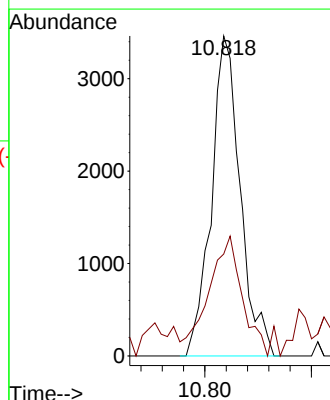
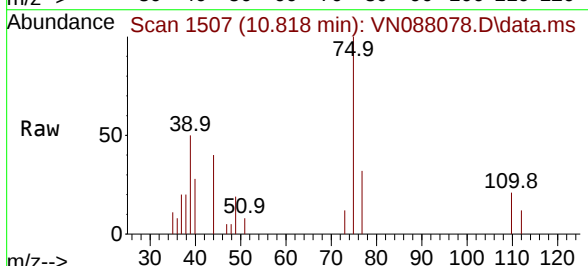
Acq: 23 Oct 2025 09:42

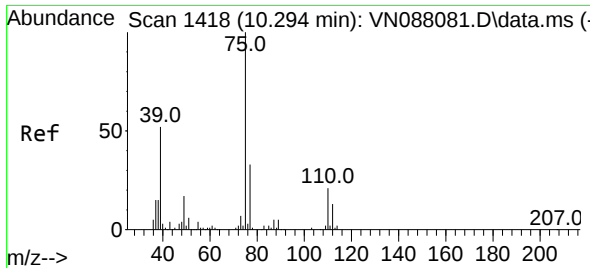
Tgt Ion: 75 Resp: 6496

Ion Ratio Lower Upper

75 100

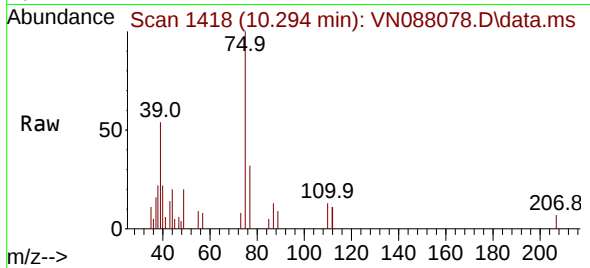
77 31.9 25.2 37.8





#54
 cis-1,3-Dichloropropene
 Concen: 1.012 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

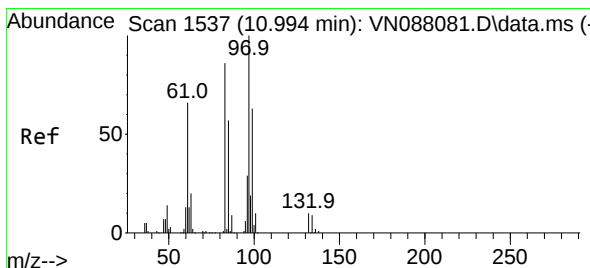
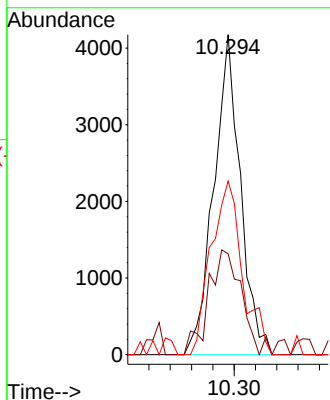
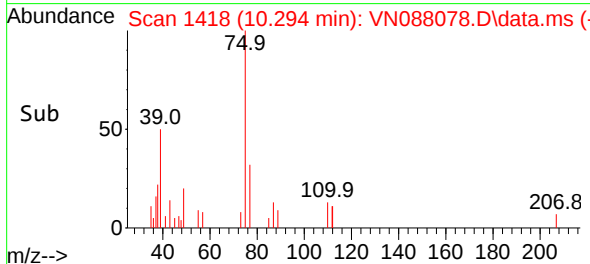
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 721
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0
 39 54.3 45.2 67.8

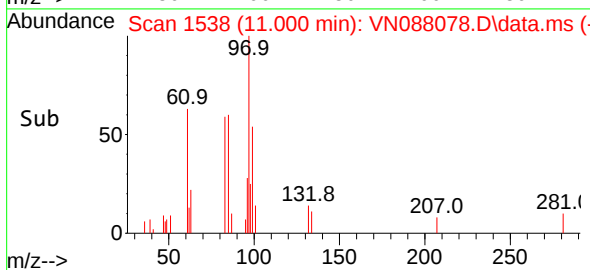
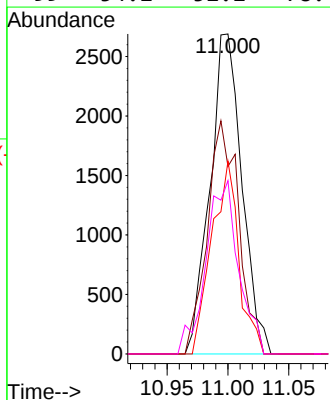
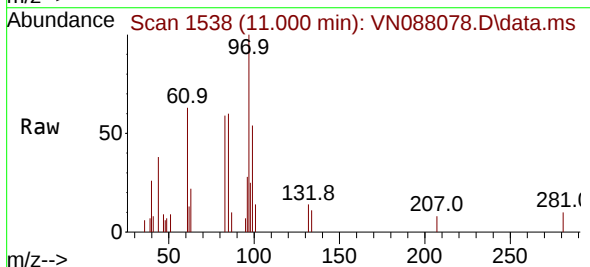
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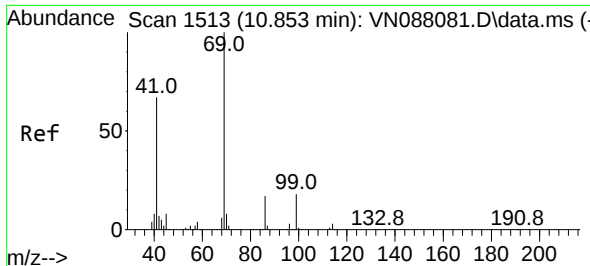
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#55
 1,1,2-Trichloroethane
 Concen: 1.204 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. 0.006 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

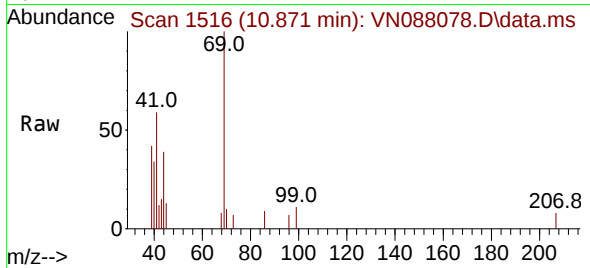
Tgt Ion: 97 Resp: 4933
 Ion Ratio Lower Upper
 97 100
 83 58.6 68.2 102.4#
 85 60.3 45.5 68.3
 99 54.2 52.2 78.4





#56
Ethyl methacrylate
Concen: 0.933 ug/l m
RT: 10.871 min Scan# 1516
Delta R.T. 0.018 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

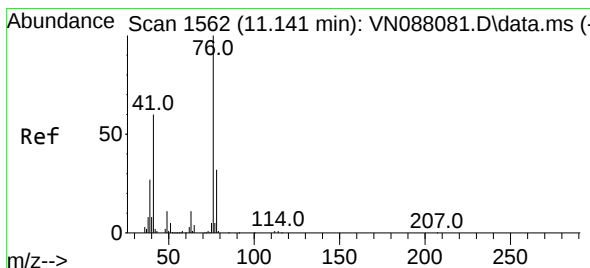
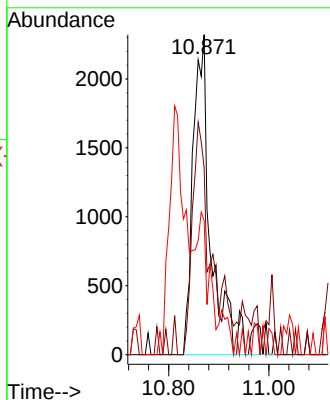
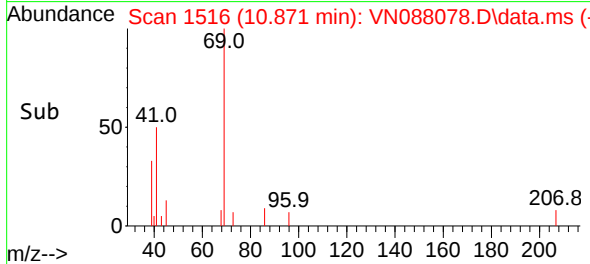
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 69 Resp: 6039
Ion Ratio Lower Upper
69 100
41 61.2 56.5 84.7
39 27.7 34.2 51.4

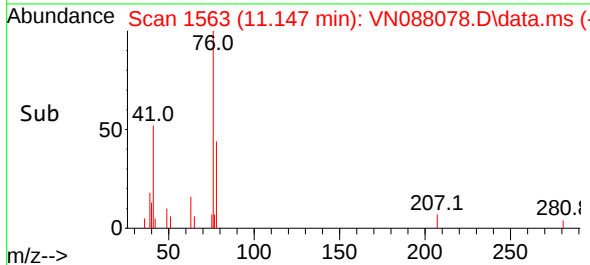
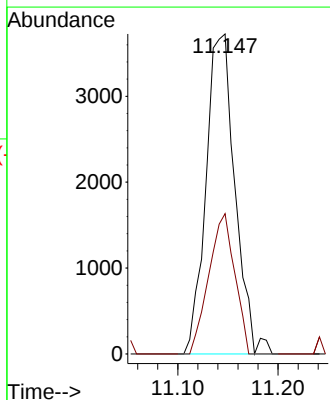
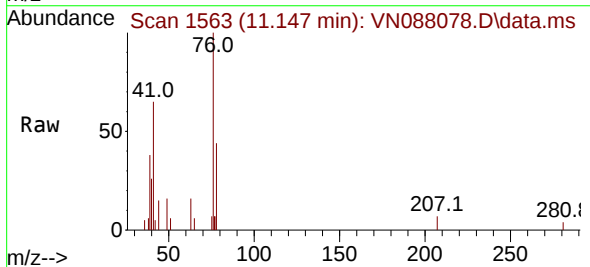
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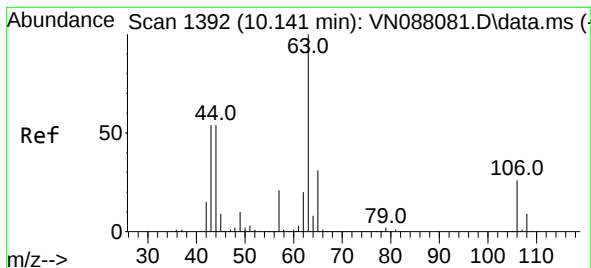
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#57
1,3-Dichloropropane
Concen: 1.040 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 76 Resp: 7489
Ion Ratio Lower Upper
76 100
78 39.2 26.2 39.4





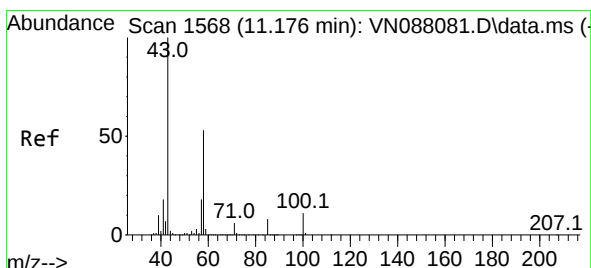
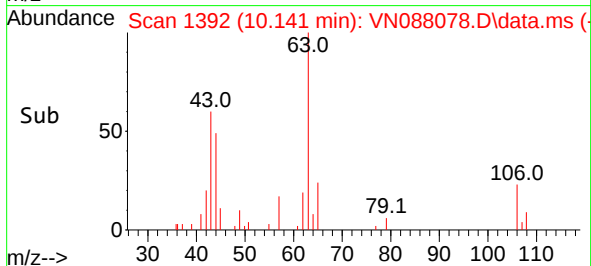
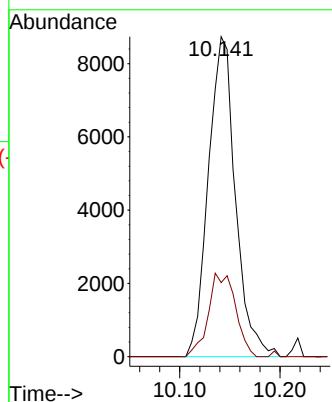
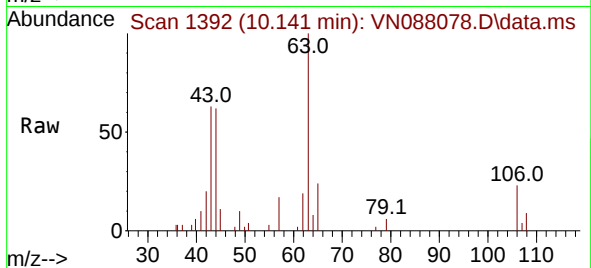
#58
2-Chloroethyl Vinyl ether
Concen: 4.862 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 1639
Ion Ratio Lower Upper
63 100
106 26.1 21.1 31.7

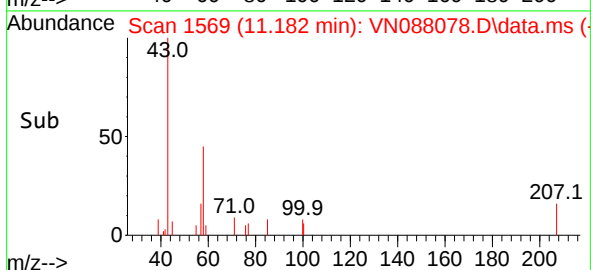
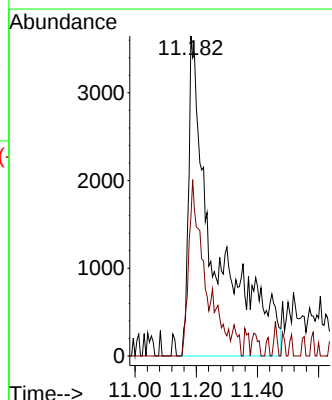
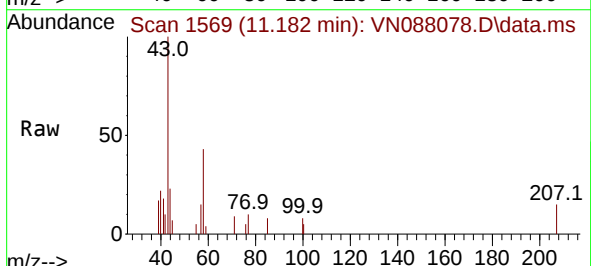
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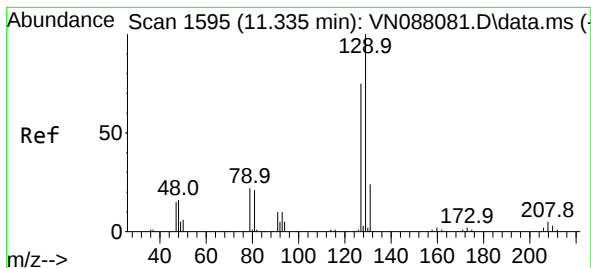
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#59
2-Hexanone
Concen: 4.891 ug/l m
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

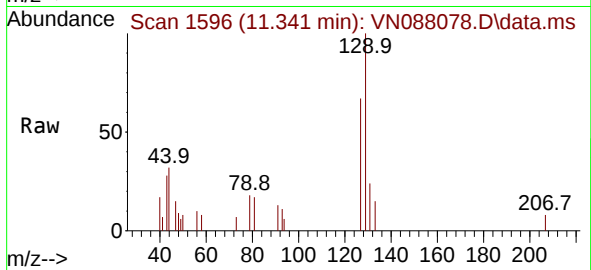
Tgt Ion: 43 Resp: 21660
Ion Ratio Lower Upper
43 100
58 26.8 25.9 77.8





#60
Dibromochloromethane
Concen: 1.052 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

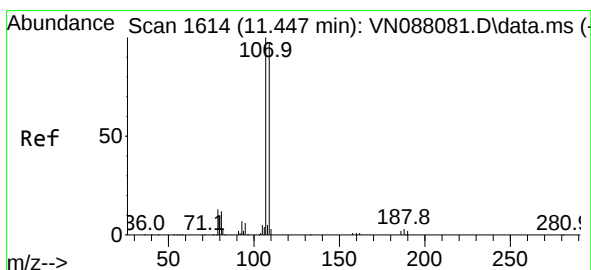
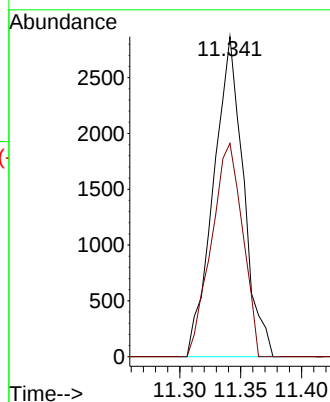
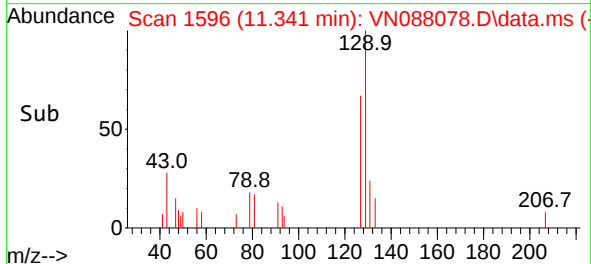
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



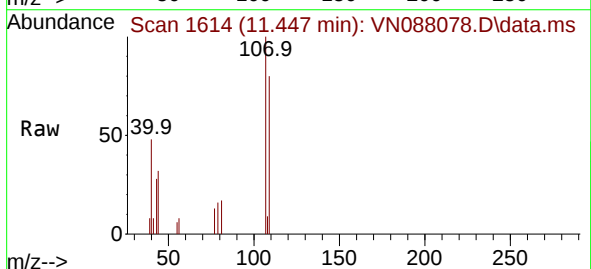
Tgt Ion:129 Resp: 4900
Ion Ratio Lower Upper
129 100
127 69.5 39.1 117.3

Manual Integrations
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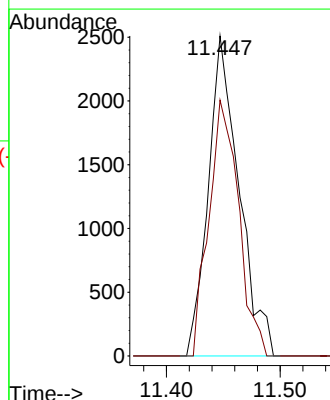
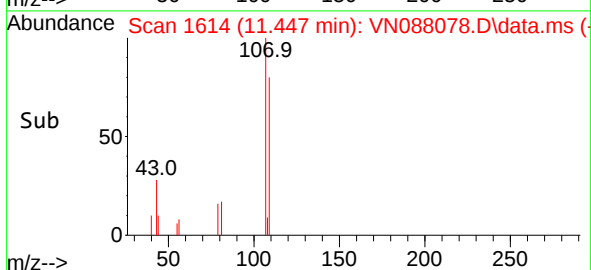
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

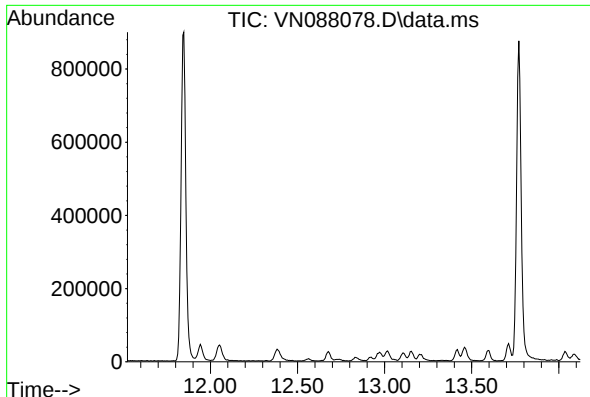


#61
1,2-Dibromoethane
Concen: 1.120 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42



Tgt Ion:107 Resp: 4721
Ion Ratio Lower Upper
107 100
109 77.3 74.7 112.1





#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.82 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

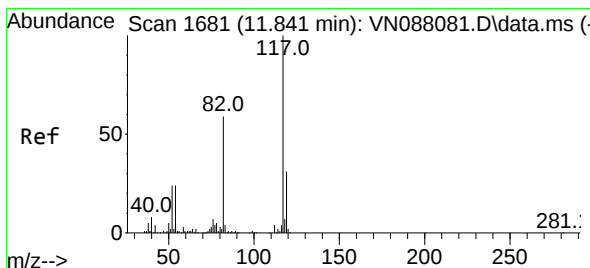
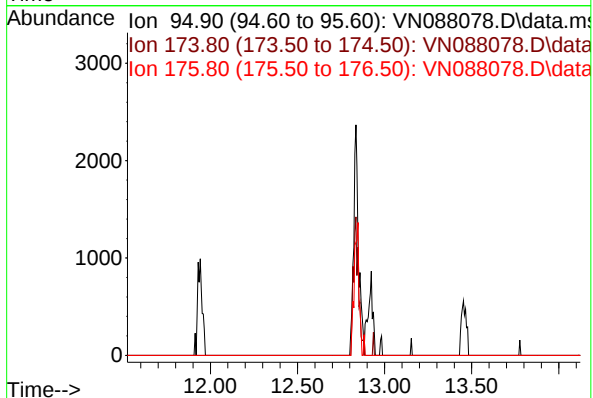
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 95

Sig	Exp	Ratio
95	100	
174	69.2	
176	66.3	

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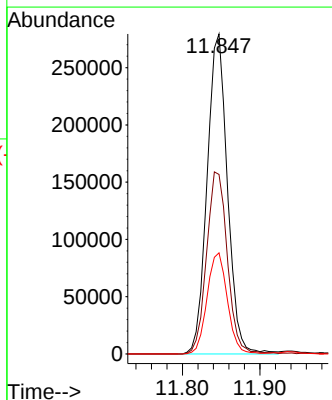
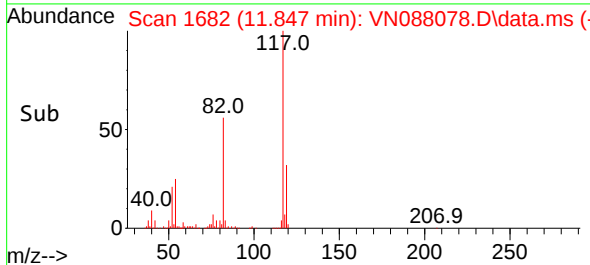
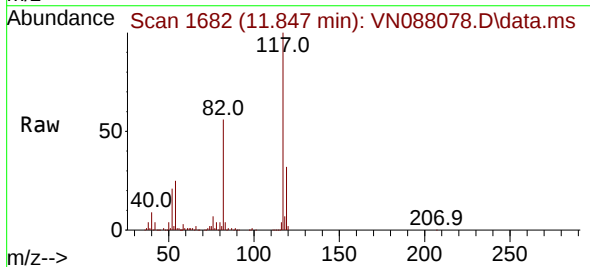
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

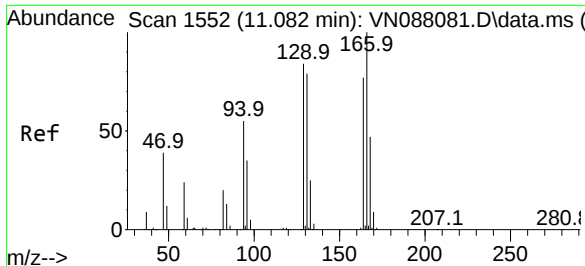


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.847 min Scan# 1682
 Delta R.T. 0.006 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

Tgt Ion:117 Resp: 509993

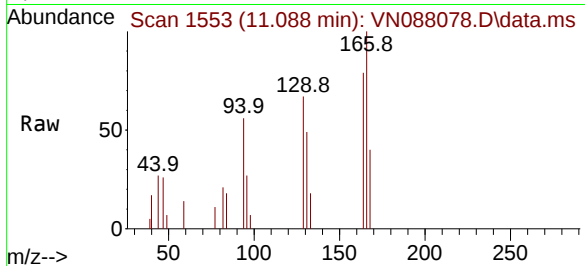
Ion	Ratio	Lower	Upper
117	100		
82	56.1	47.4	71.2
119	31.6	24.3	36.5





#64
Tetrachloroethene
Concen: 1.214 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

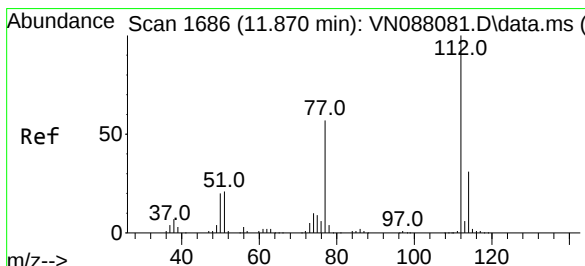
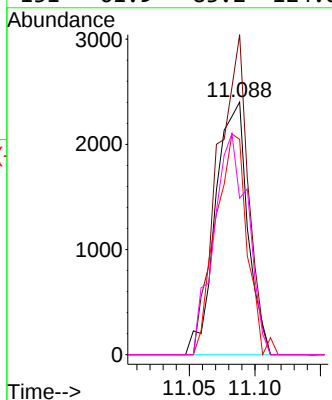
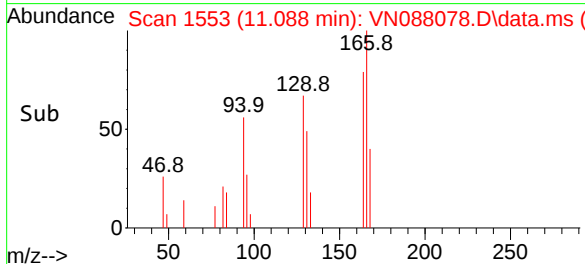
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 4083
Ion Ratio Lower Upper
164 100
166 126.7 97.7 146.5
129 85.2 85.9 128.9
131 61.9 83.2 124.8#

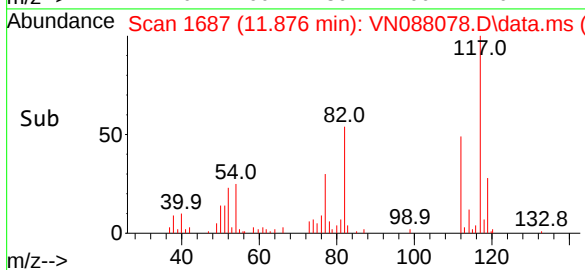
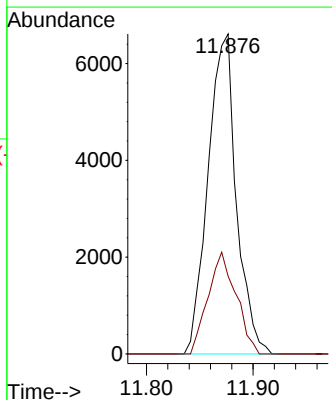
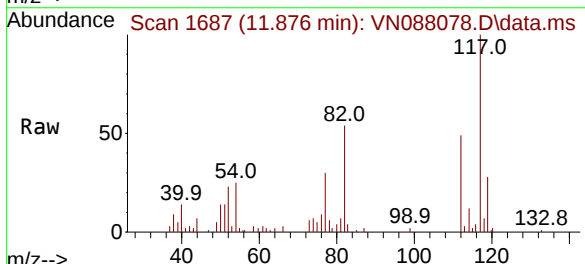
Manual Integrations
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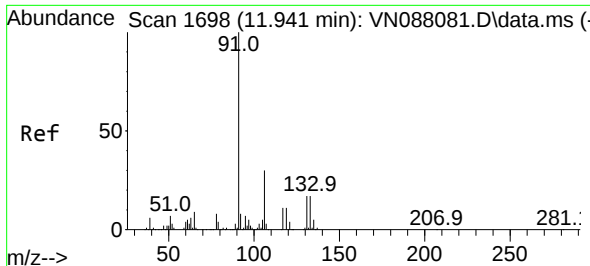
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#65
Chlorobenzene
Concen: 1.054 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

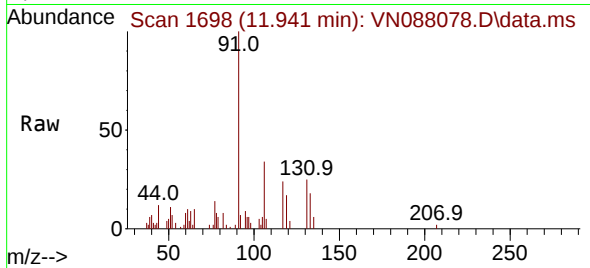
Tgt Ion:112 Resp: 12205
Ion Ratio Lower Upper
112 100
114 24.3 24.3 36.5#





#66
1,1,1,2-Tetrachloroethane
Concen: 1.066 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

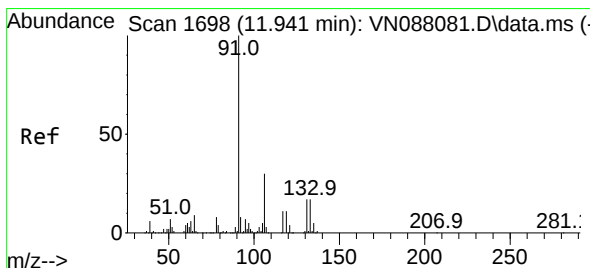
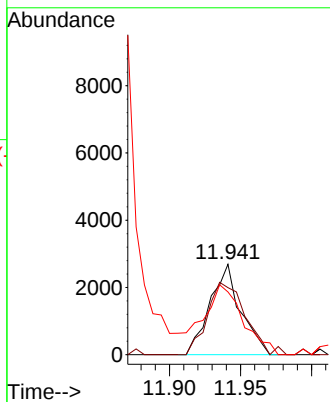
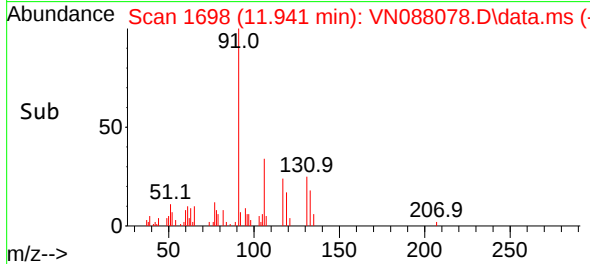
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



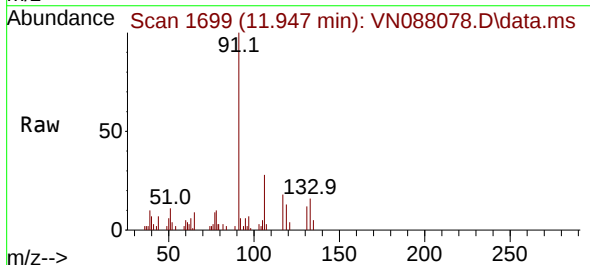
Tgt Ion:131 Resp: 4044
Ion Ratio Lower Upper
131 100
133 98.9 48.0 144.0
119 0.0 32.6 97.7

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APPROVED

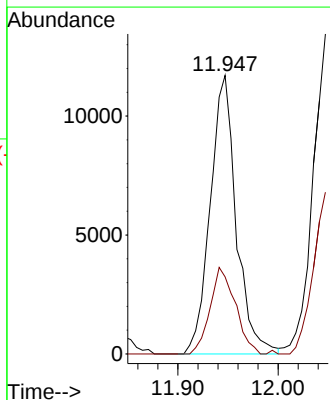
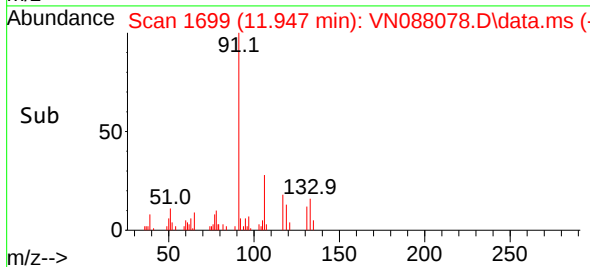
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

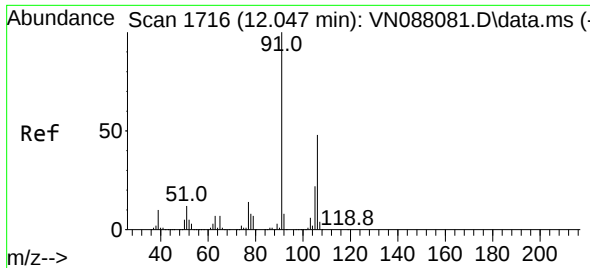


#67
Ethyl Benzene
Concen: 1.038 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42



Tgt Ion: 91 Resp: 21103
Ion Ratio Lower Upper
91 100
106 27.7 24.1 36.1





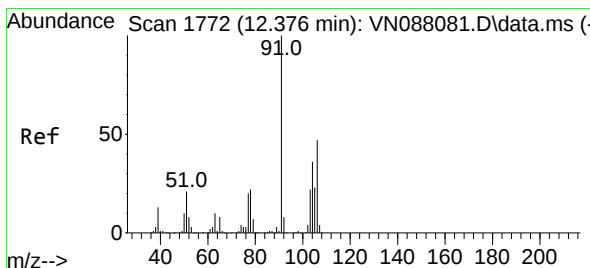
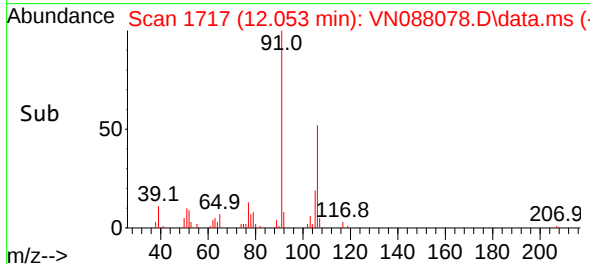
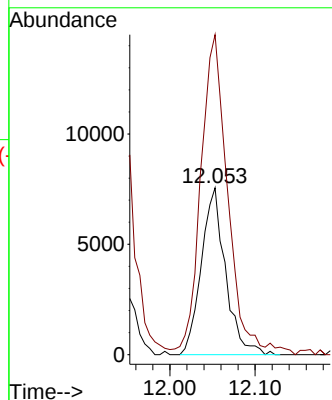
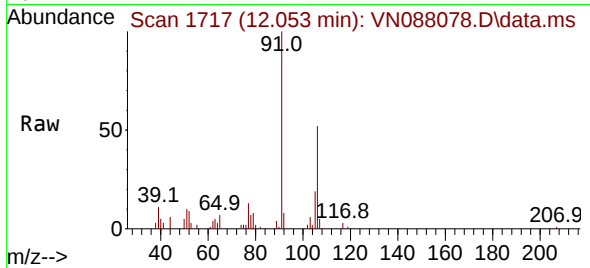
#68
m/p-Xylenes
Concen: 1.964 ug/l
RT: 12.053 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 14958
Ion Ratio Lower Upper
106 100
91 201.0 169.3 253.9

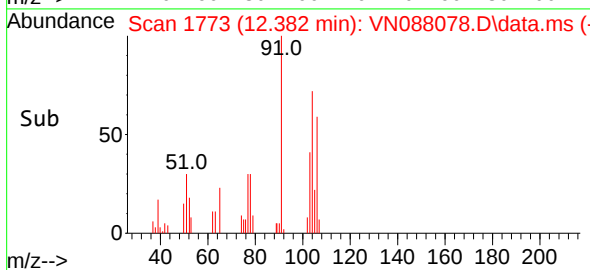
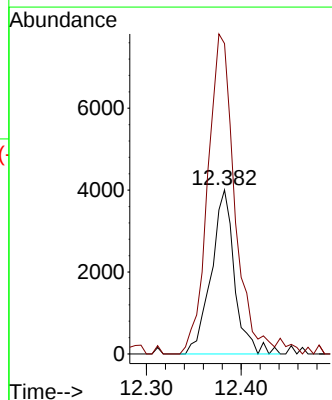
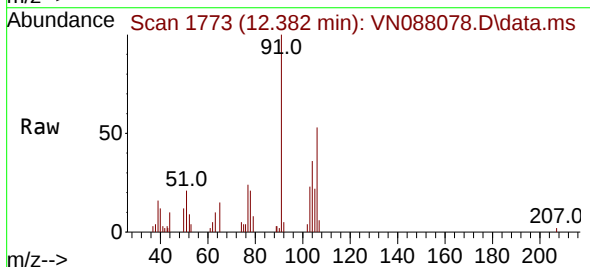
Manual Integrations
APPROVED

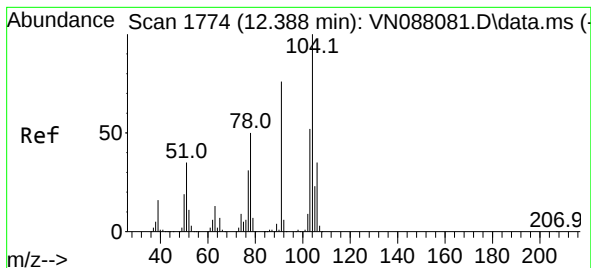
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#69
o-Xylene
Concen: 0.946 ug/l
RT: 12.382 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion:106 Resp: 6831
Ion Ratio Lower Upper
106 100
91 225.5 111.4 334.2





#70

Styrene

Concen: 0.819 ug/l

RT: 12.394 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

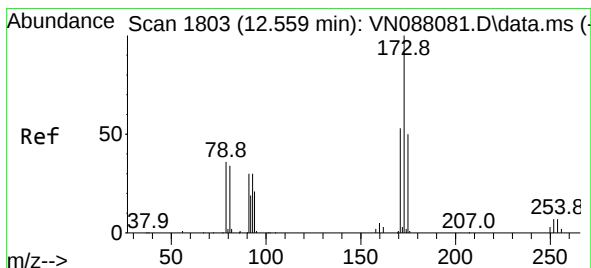
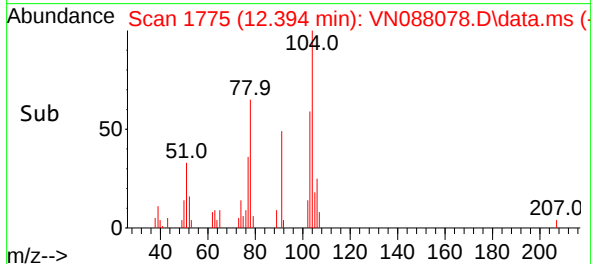
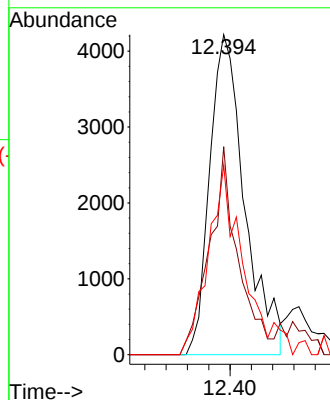
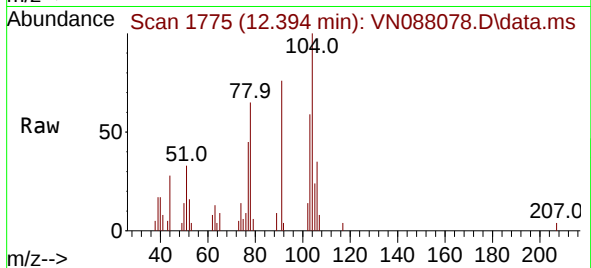
Tgt Ion:104	Resp:	964
Ion Ratio	Lower	Upper
104	100	
78	53.4	42.2 63.2
103	55.5	43.4 65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#71

Bromoform

Concen: 0.964 ug/l

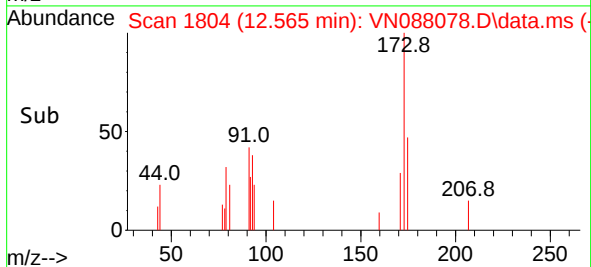
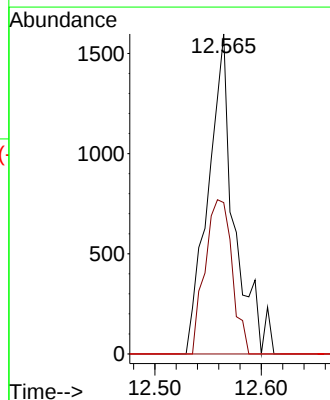
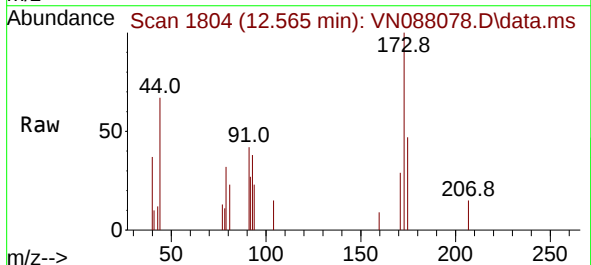
RT: 12.565 min Scan# 1804

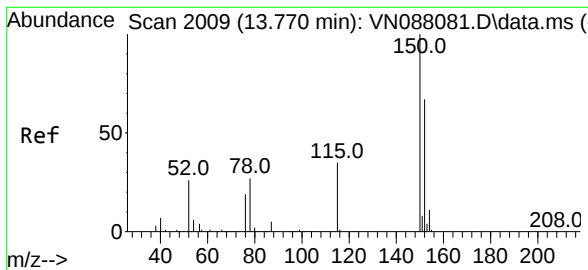
Delta R.T. 0.006 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

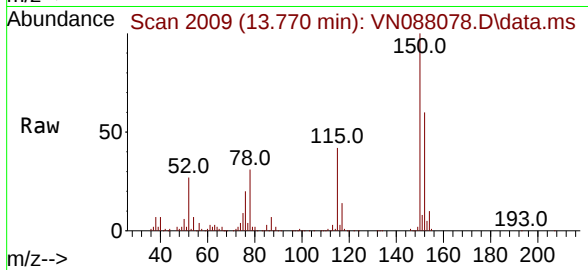
Tgt Ion:173	Resp:	2730
Ion Ratio	Lower	Upper
173	100	
175	49.9	24.9 74.6
254	0.0	0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

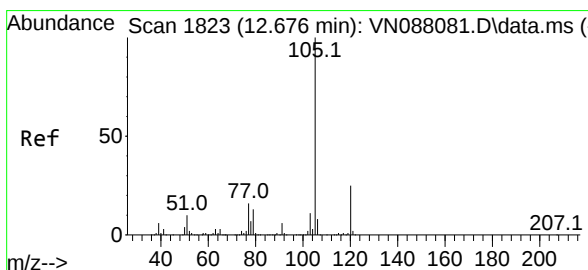
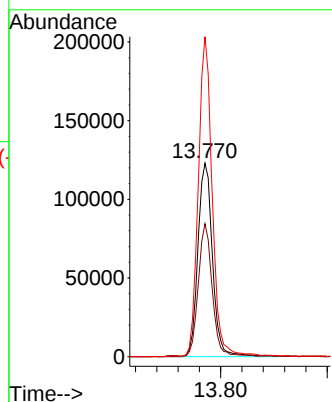
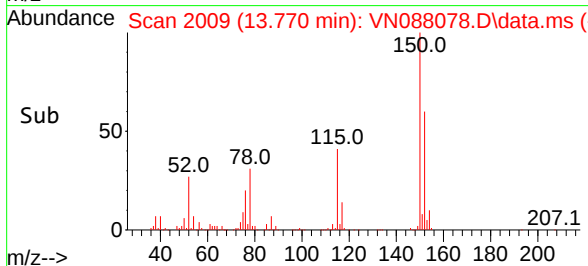
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



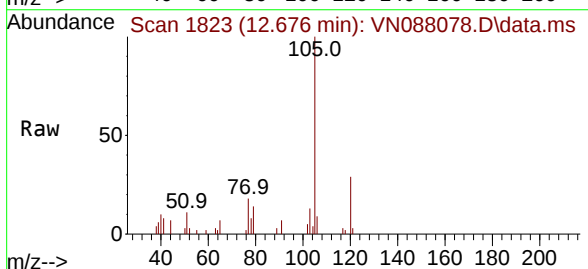
Tgt Ion:152 Resp: 233824
Ion Ratio Lower Upper
152 100
115 64.6 32.3 96.8
150 157.6 0.0 351.0

Manual Integrations
APPROVED

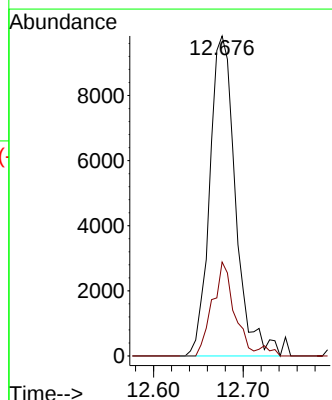
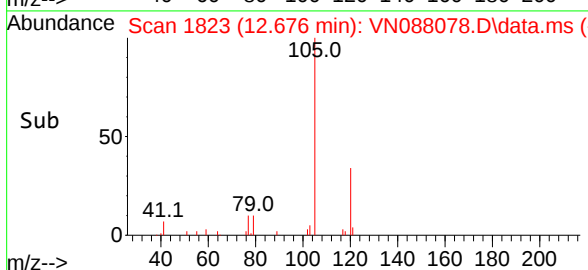
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

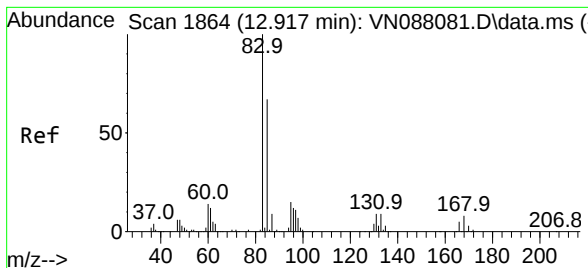


#73
Isopropylbenzene
Concen: 1.086 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42



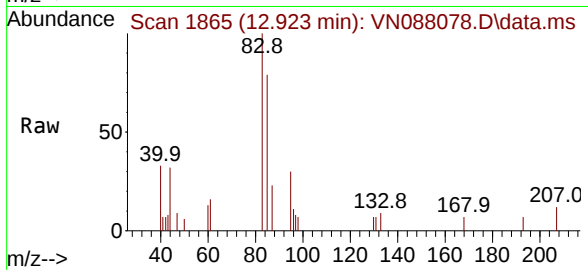
Tgt Ion:105 Resp: 19589
Ion Ratio Lower Upper
105 100
120 24.9 12.8 38.3





#75
1,1,2,2-Tetrachloroethane
Concen: 1.086 ug/l
RT: 12.923 min Scan# 1865
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

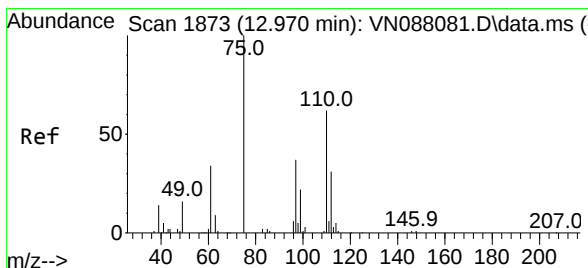
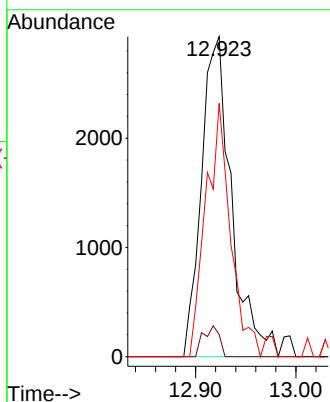
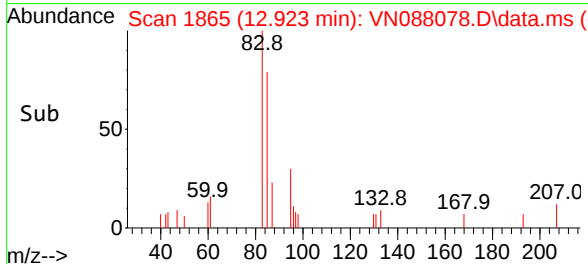
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 83 Resp: 6098
Ion Ratio Lower Upper
83 100
131 5.1 4.8 14.4
85 64.8 32.1 96.3

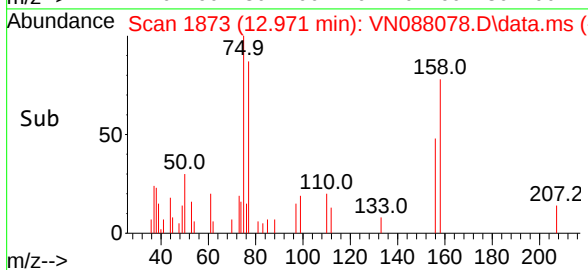
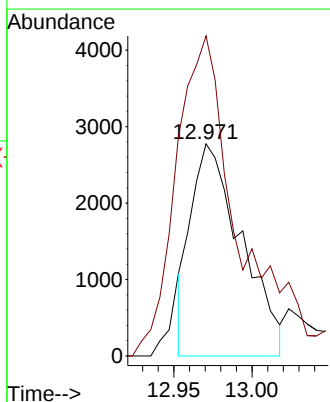
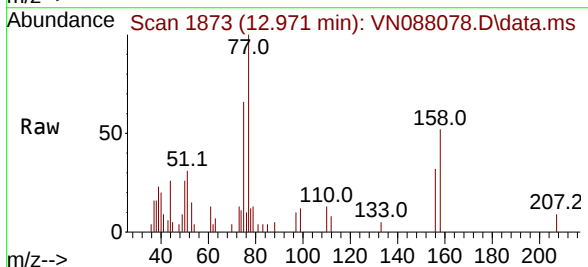
Manual Integrations
APPROVED

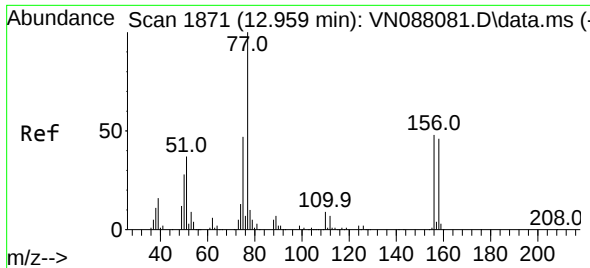
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,2,3-Trichloropropane
Concen: 1.246 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

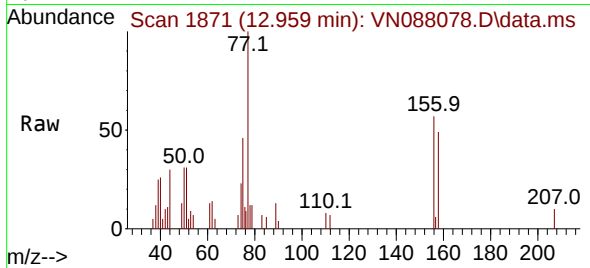
Tgt Ion: 75 Resp: 6237
Ion Ratio Lower Upper
75 100
77 184.7 89.1 267.4





#77
Bromobenzene
Concen: 0.993 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

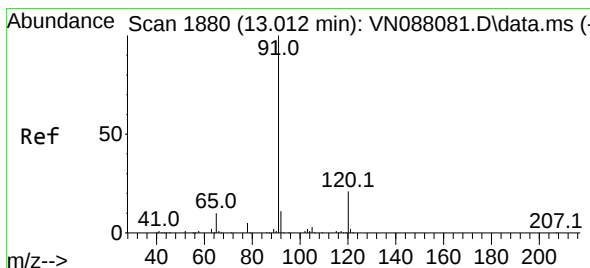
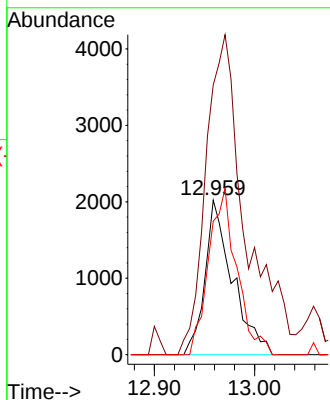
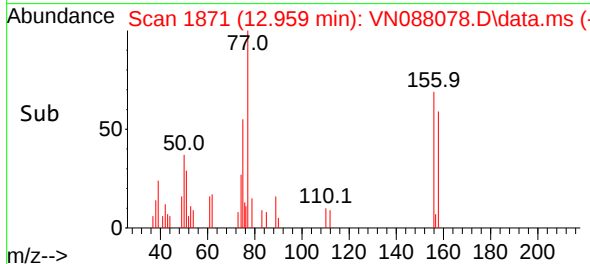
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



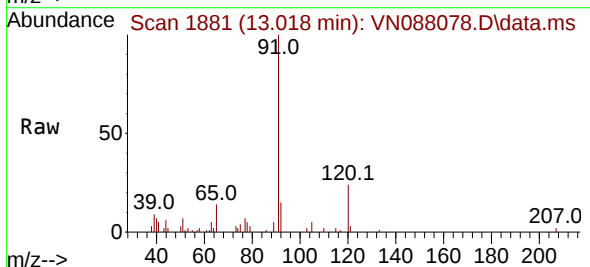
Tgt Ion:156 Resp: 3862
Ion Ratio Lower Upper
156 100
77 298.3 119.3 358.0
158 109.7 48.2 144.6

Manual Integrations
APPROVED

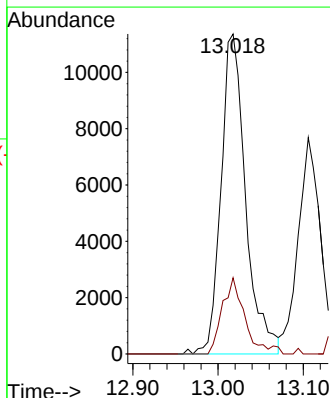
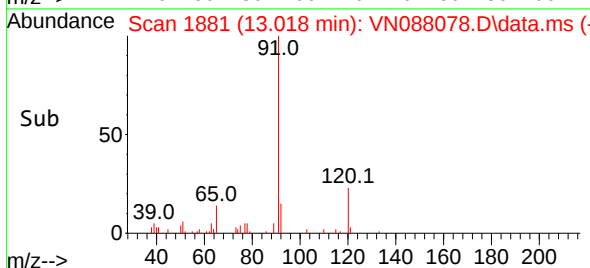
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

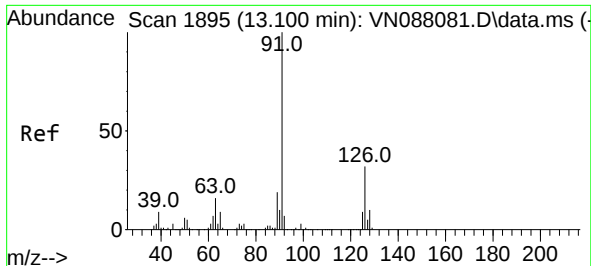


#78
n-propylbenzene
Concen: 1.036 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42



Tgt Ion: 91 Resp: 22793
Ion Ratio Lower Upper
91 100
120 21.9 10.7 32.1





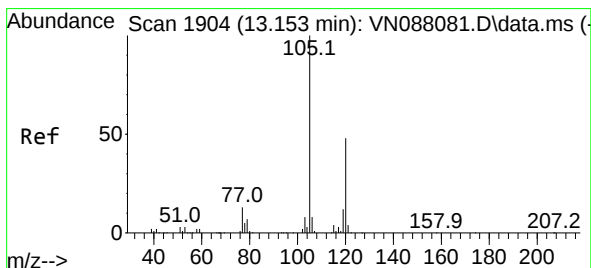
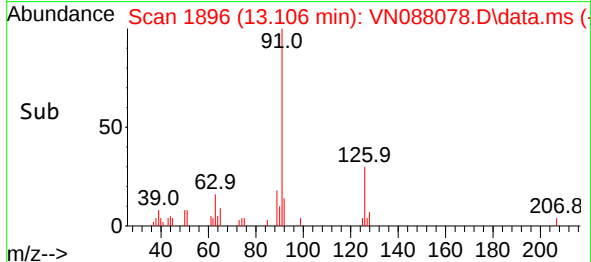
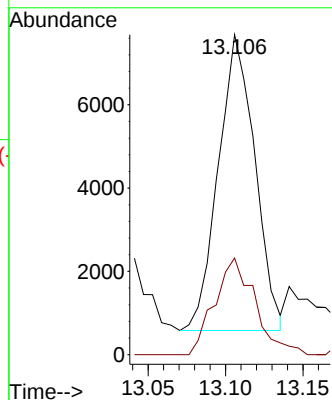
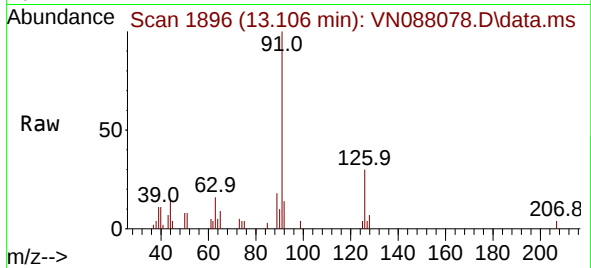
#79
2-Chlorotoluene
Concen: 0.929 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 1165
Ion Ratio Lower Upper
91 100
126 36.1 16.1 48.3

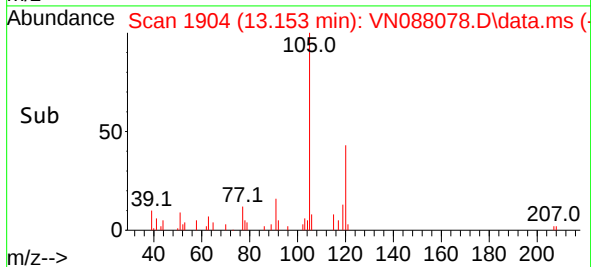
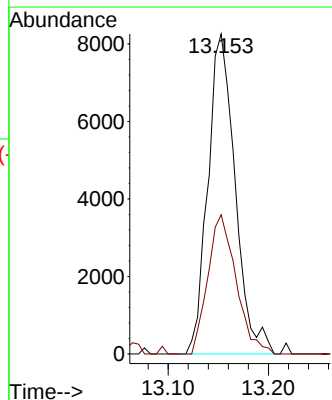
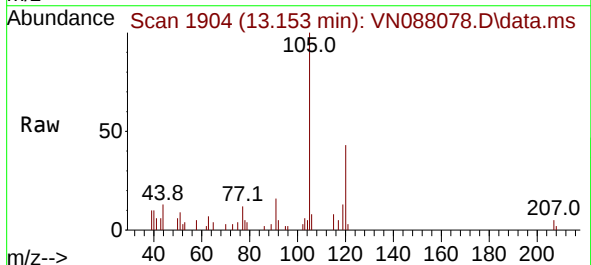
Manual Integrations
APPROVED

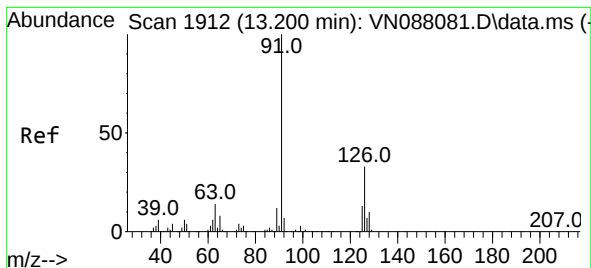
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 1.039 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion:105 Resp: 15569
Ion Ratio Lower Upper
105 100
120 45.3 23.2 69.6





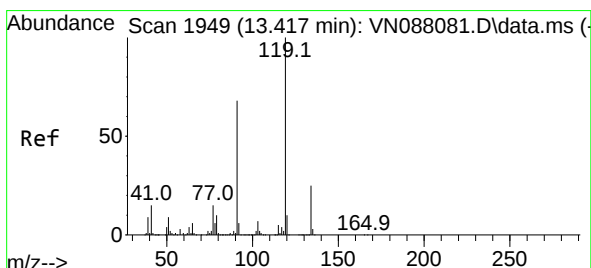
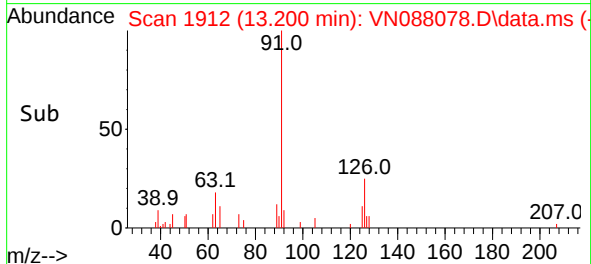
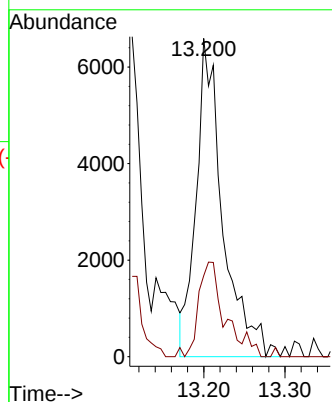
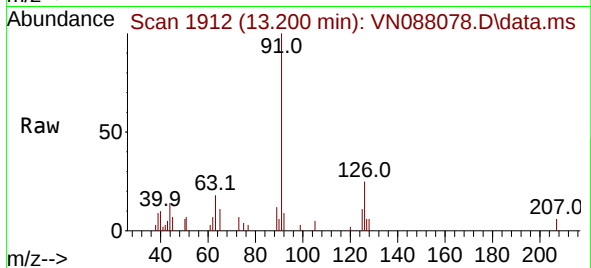
#82
4-Chlorotoluene
Concen: 1.109 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 1505
Ion Ratio Lower Upper
91 100
126 27.2 15.6 46.8

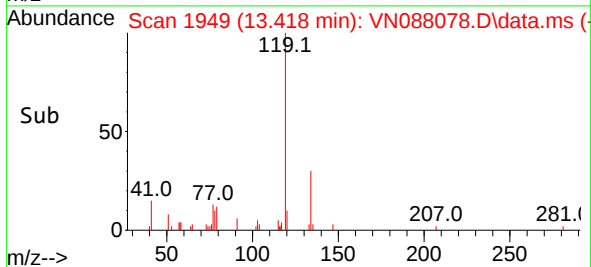
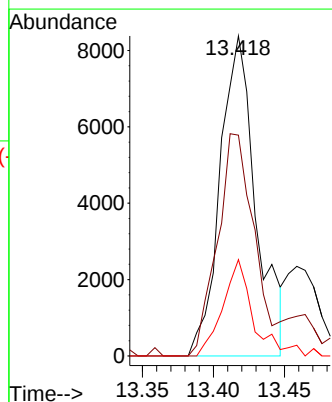
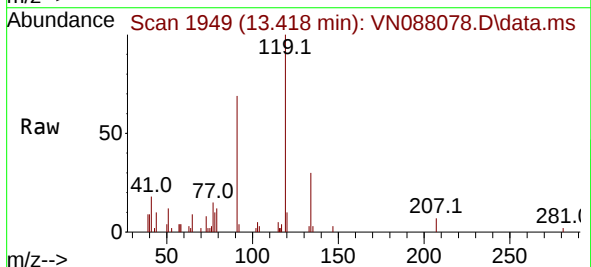
Manual Integrations
APPROVED

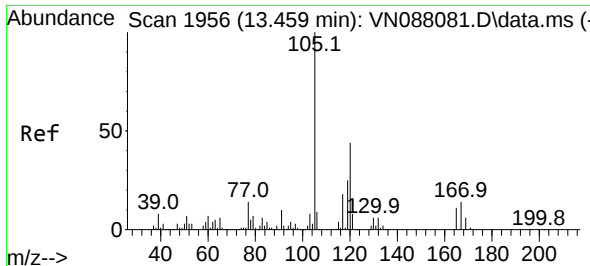
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#83
tert-Butylbenzene
Concen: 1.102 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

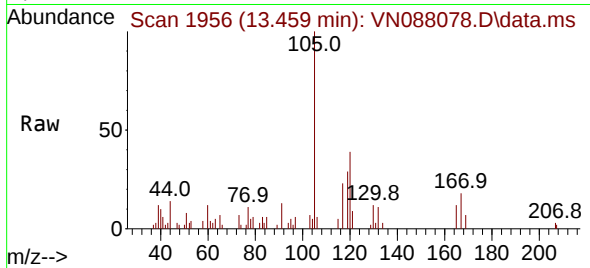
Tgt Ion:119 Resp: 14748
Ion Ratio Lower Upper
119 100
91 72.1 35.0 105.0
134 26.0 12.6 37.8





#84
1,2,4-Trimethylbenzene
Concen: 1.012 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

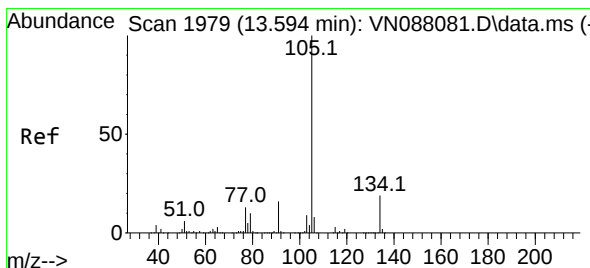
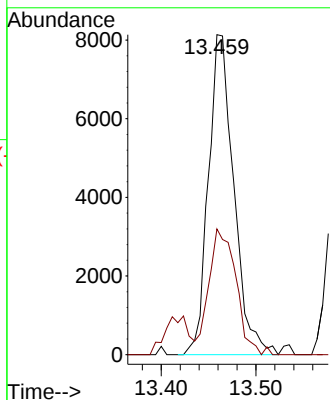
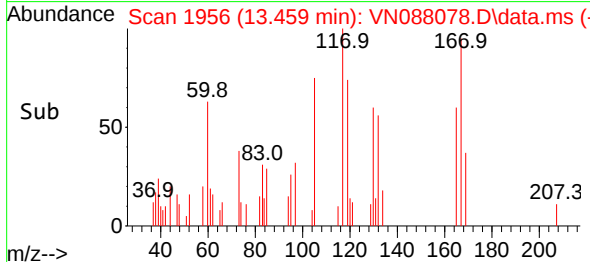
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:105 Resp: 15160
Ion Ratio Lower Upper
105 100
120 42.0 22.0 66.0

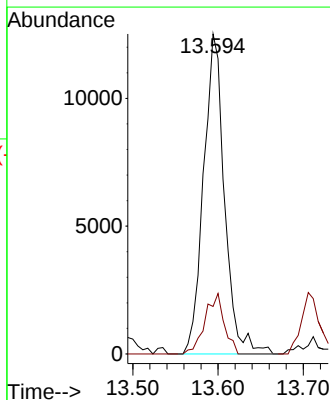
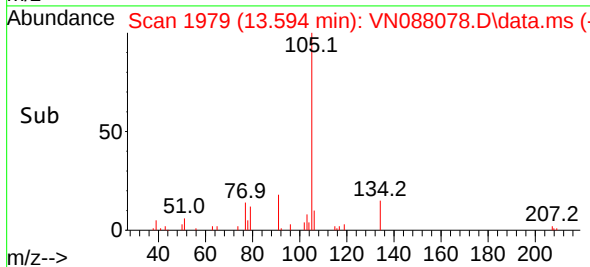
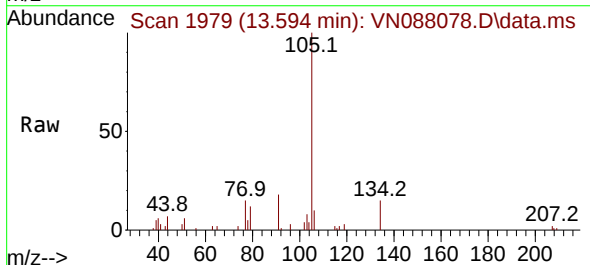
Manual Integrations
APPROVED

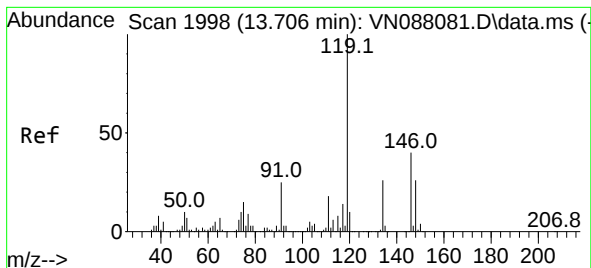
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#85
sec-Butylbenzene
Concen: 1.089 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion:105 Resp: 21410
Ion Ratio Lower Upper
105 100
134 17.3 9.6 28.6





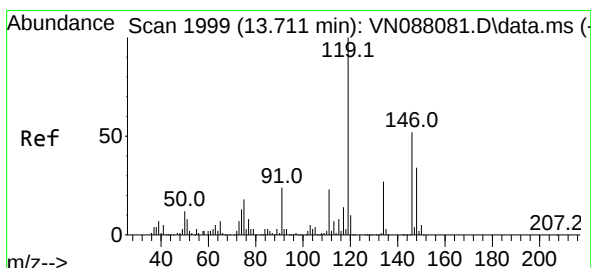
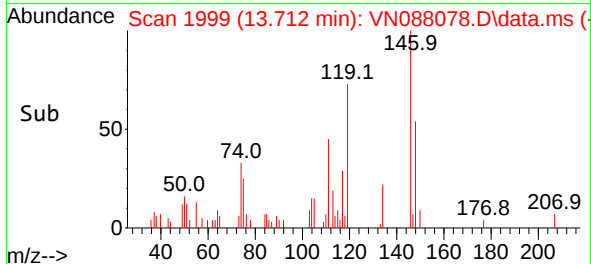
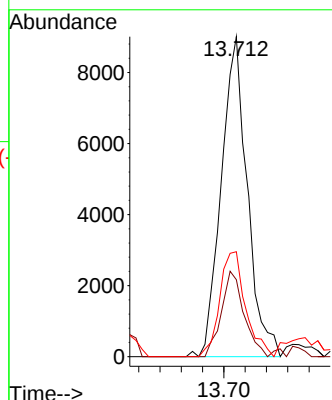
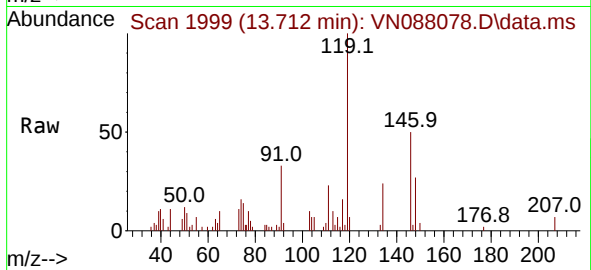
#86
p-Isopropyltoluene
Concen: 0.970 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:119 Resp: 15289
Ion Ratio Lower Upper
119 100
134 23.2 12.7 38.0
91 32.5 12.5 37.5

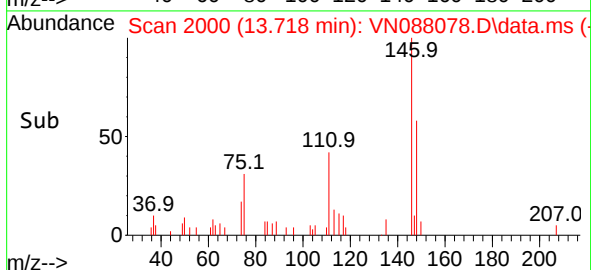
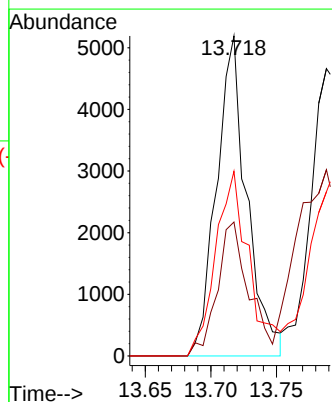
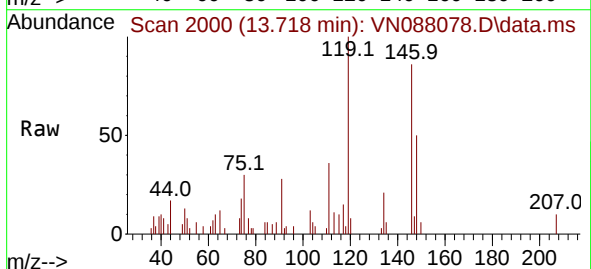
Manual Integrations
APPROVED

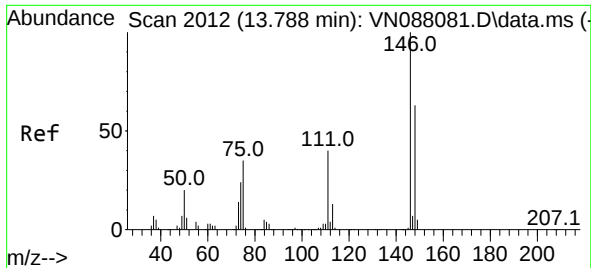
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#87
1,3-Dichlorobenzene
Concen: 1.071 ug/l
RT: 13.718 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

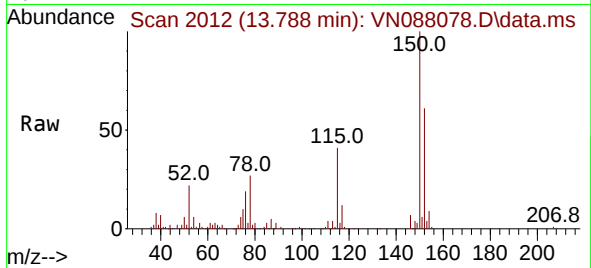
Tgt Ion:146 Resp: 8312
Ion Ratio Lower Upper
146 100
111 43.7 22.1 66.5
148 64.1 32.0 96.2





#88
1,4-Dichlorobenzene
Concen: 1.155 ug/l m
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

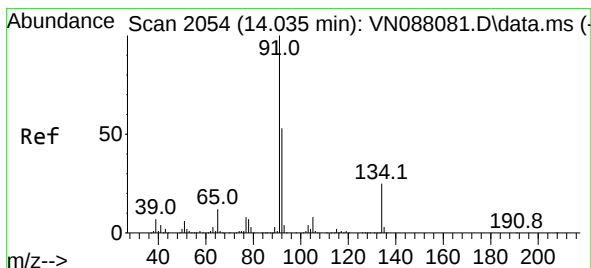
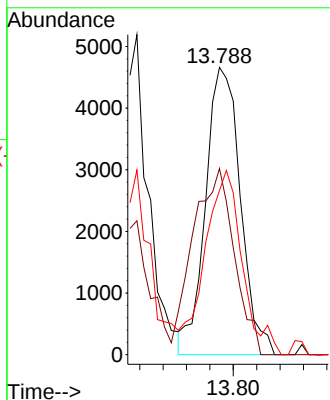
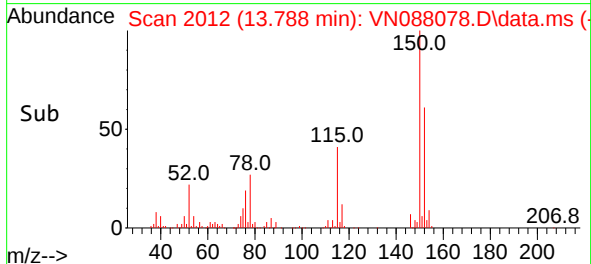
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



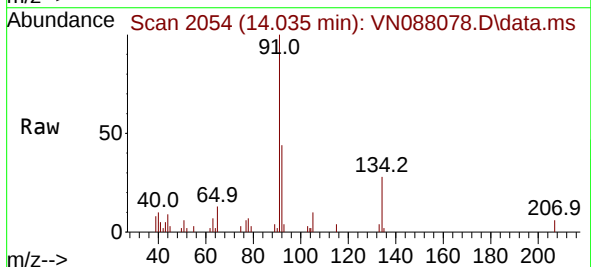
Tgt Ion:146 Resp: 9650
Ion Ratio Lower Upper
146 100
111 37.6 21.0 63.0
148 55.2 32.0 96.0

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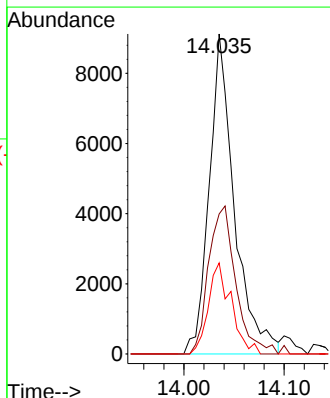
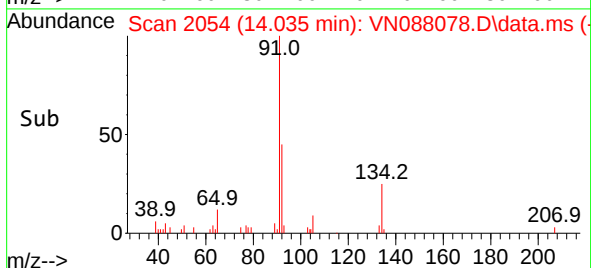
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

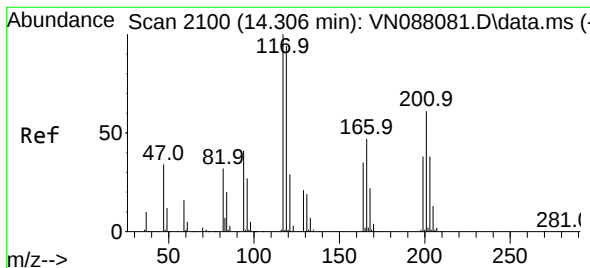


#89
n-Butylbenzene
Concen: 1.017 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42



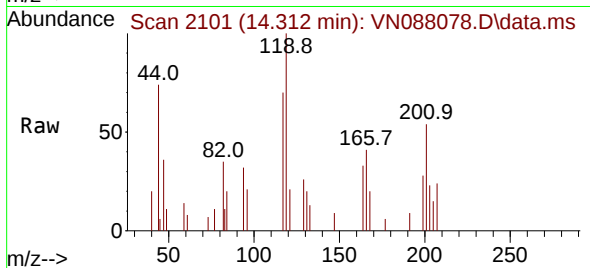
Tgt Ion: 91 Resp: 15880
Ion Ratio Lower Upper
91 100
92 50.4 25.9 77.8
134 26.0 11.7 35.0





#90
Hexachloroethane
Concen: 1.052 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

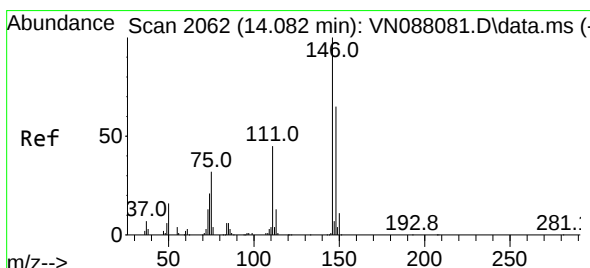
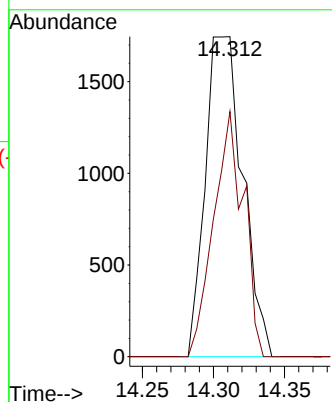
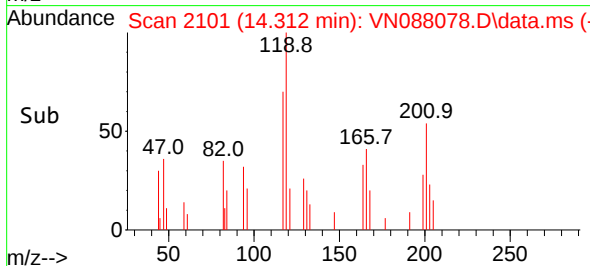
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



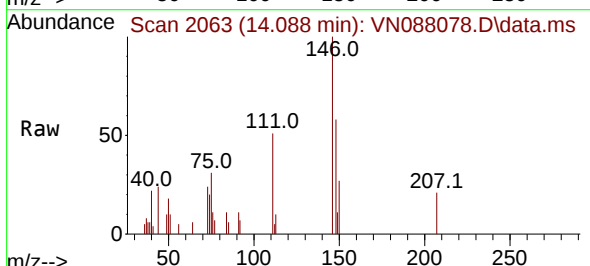
Tgt Ion:117 Resp: 321
Ion Ratio Lower Upper
117 100
201 61.4 29.1 87.4

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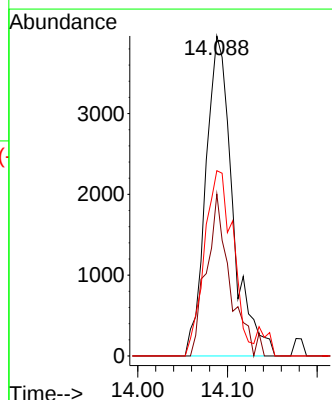
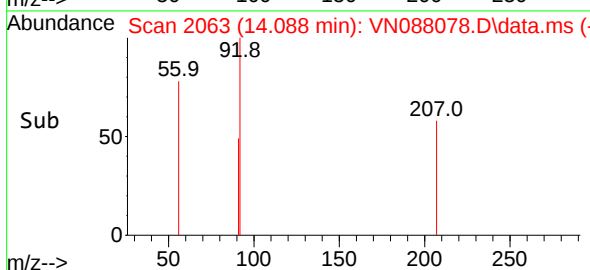
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

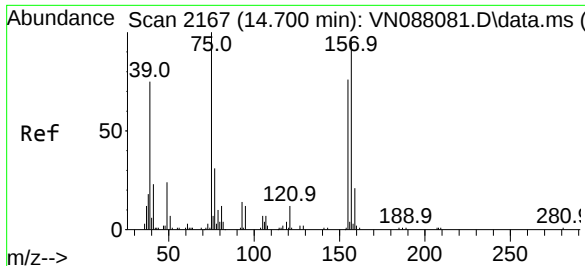


#91
1,2-Dichlorobenzene
Concen: 1.105 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42



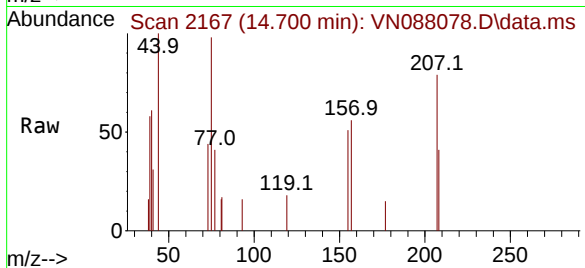
Tgt Ion:146 Resp: 8266
Ion Ratio Lower Upper
146 100
111 44.3 22.6 67.8
148 61.9 31.9 95.9





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.165 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. -0.000 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

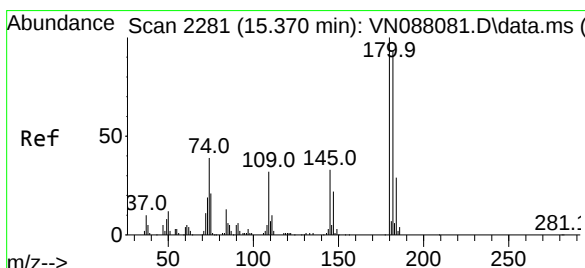
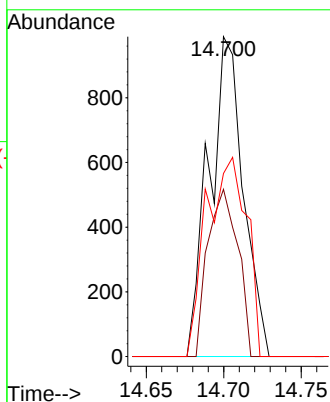
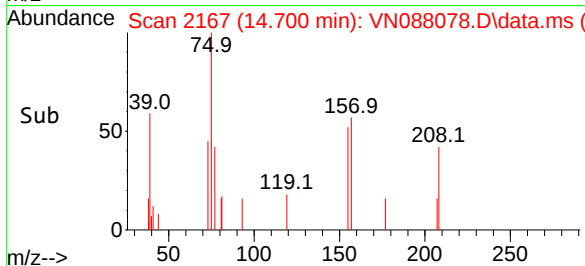
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



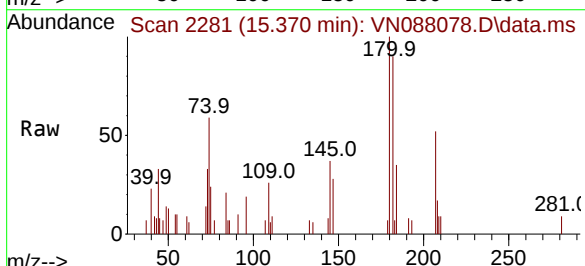
Tgt Ion: 75 Resp: 152
 Ion Ratio Lower Upper
 75 100
 155 45.7 36.6 109.9
 157 73.5 45.6 136.9

Manual Integrations
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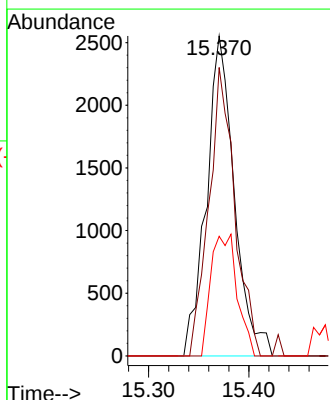
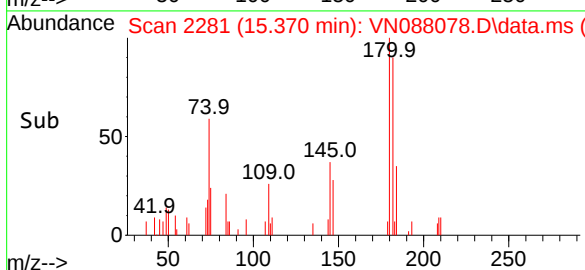
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

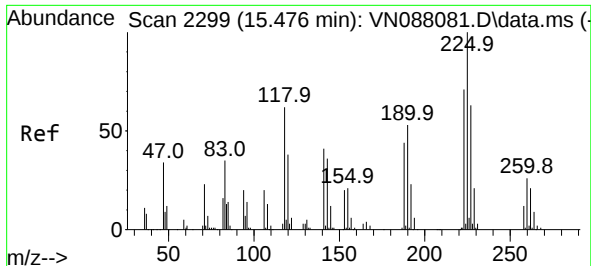


#93
 1,2,4-Trichlorobenzene
 Concen: 1.091 ug/l
 RT: 15.370 min Scan# 2281
 Delta R.T. 0.006 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42



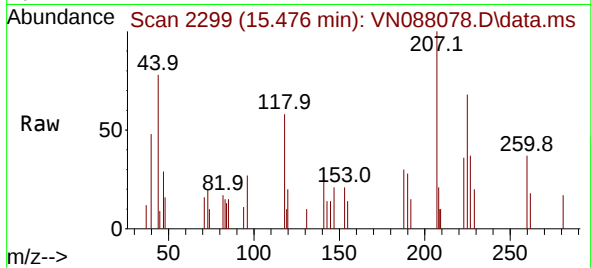
Tgt Ion:180 Resp: 4946
 Ion Ratio Lower Upper
 180 100
 182 83.6 47.6 142.9
 145 35.6 16.5 49.5





#94
Hexachlorobutadiene
Concen: 1.142 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

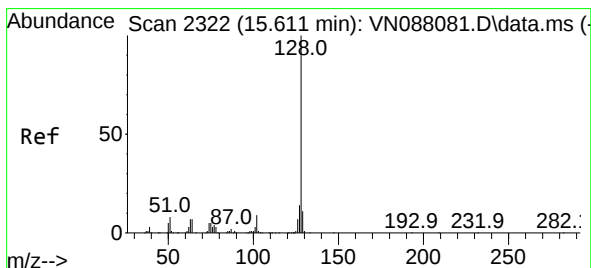
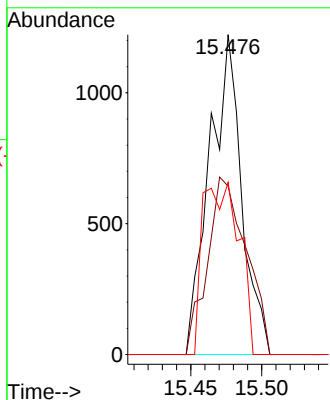
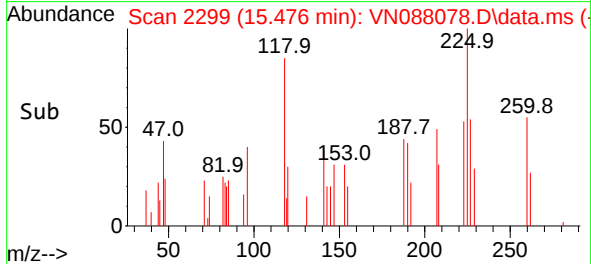
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



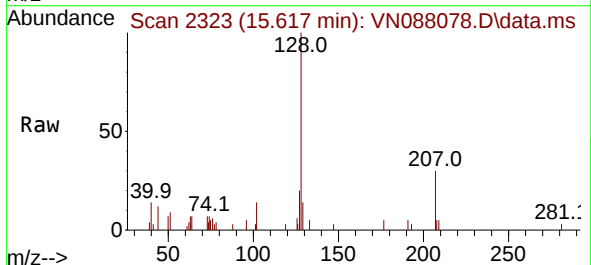
Tgt Ion:225 Resp: 1928
Ion Ratio Lower Upper
225 100
223 66.8 32.0 96.2
227 61.3 32.1 96.5

Manual Integrations
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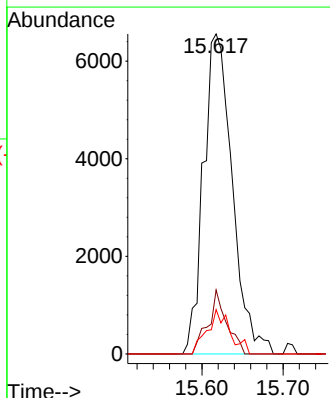
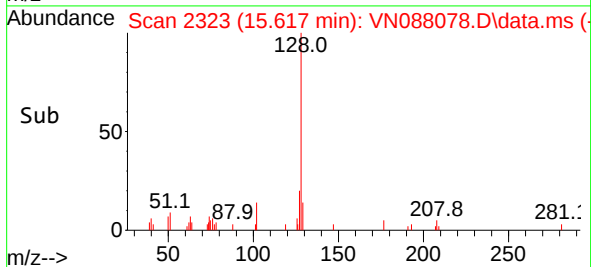
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

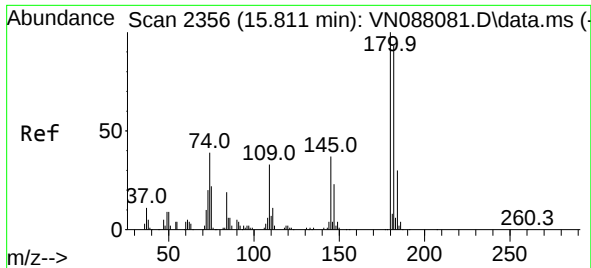


#95
Naphthalene
Concen: 1.039 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42



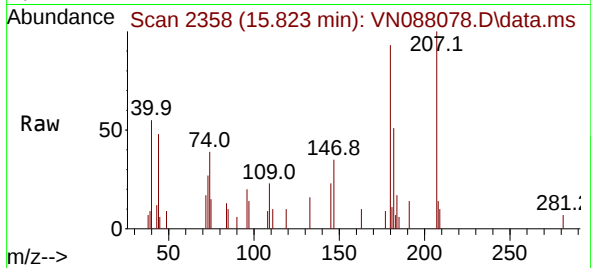
Tgt Ion:128 Resp: 16137
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.1 8.6 12.8





#96
1,2,3-Trichlorobenzene
Concen: 1.182 ug/l
RT: 15.823 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion	Ratio	Lower	Upper
180	100		
182	70.8	46.8	140.3
145	34.4	17.3	52.0

Manual Integrations
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Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

