

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088394.D
 Acq On : 01 Dec 2025 19:01
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 02 00:19:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	243152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	450975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	407920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	202162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	235463	51.406	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.820%			
35) Dibromofluoromethane	8.147	113	158837	50.824	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.640%			
50) Toluene-d8	10.541	98	578462	49.746	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.500%			
62) 4-Bromofluorobenzene	12.829	95	206631	51.789	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	196234	53.731	ug/l	100
3) Chloromethane	2.383	50	202686	51.673	ug/l	97
4) Vinyl Chloride	2.536	62	211860	53.092	ug/l	99
5) Bromomethane	2.971	94	93669	48.771	ug/l	97
6) Chloroethane	3.142	64	135218	54.756	ug/l	99
7) Trichlorofluoromethane	3.512	101	302274	53.896	ug/l	99
8) Diethyl Ether	3.965	74	114406	54.348	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	160417	53.727	ug/l	99
10) Methyl Iodide	4.583	142	147734	49.982	ug/l	96
11) Tert butyl alcohol	5.524	59	198926	272.015	ug/l	99
12) 1,1-Dichloroethene	4.342	96	156528	52.765	ug/l	95
13) Acrolein	4.177	56	220017	314.249	ug/l	99
14) Allyl chloride	5.012	41	300243	54.606	ug/l	99
15) Acrylonitrile	5.706	53	602153	285.387	ug/l	99
16) Acetone	4.418	43	621248	375.026	ug/l	100
17) Carbon Disulfide	4.712	76	524582	54.115	ug/l	98
18) Methyl Acetate	5.018	43	314767	63.834	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	641088	57.681	ug/l	97
20) Methylene Chloride	5.265	84	194597	54.906	ug/l	99
21) trans-1,2-Dichloroethene	5.777	96	181474	55.223	ug/l	97
22) Diisopropyl ether	6.659	45	667924	56.899	ug/l	98
23) Vinyl Acetate	6.588	43	2745427m	290.285	ug/l	
24) 1,1-Dichloroethane	6.553	63	376760	56.676	ug/l	99
25) 2-Butanone	7.471	43	879023	330.075	ug/l	97
26) 2,2-Dichloropropane	7.471	77	300253	52.327	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	216926	56.801	ug/l	98
28) Bromochloromethane	7.794	49	167848	50.686	ug/l	99
29) Tetrahydrofuran	7.824	42	565963	296.291	ug/l	99
30) Chloroform	7.953	83	371062	56.807	ug/l	95
31) Cyclohexane	8.241	56	315196	52.322	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	317326	55.251	ug/l	98
36) 1,1-Dichloropropene	8.353	75	251046	52.049	ug/l	99
37) Ethyl Acetate	7.541	43	348320	54.923	ug/l	99
38) Carbon Tetrachloride	8.341	117	262267	54.622	ug/l	96
39) Methylcyclohexane	9.576	83	267781	51.904	ug/l	95
40) Benzene	8.582	78	765654	54.086	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	175790	55.964	ug/l	99
42) 1,2-Dichloroethane	8.653	62	300814	55.696	ug/l	99
43) Isopropyl Acetate	8.671	43	534479	55.159	ug/l	99
44) Trichloroethene	9.335	130	170310	50.916	ug/l	100
45) 1,2-Dichloropropane	9.600	63	201058	55.434	ug/l	95
46) Dibromomethane	9.688	93	144642	55.881	ug/l	98
47) Bromodichloromethane	9.865	83	295192	55.893	ug/l	98
48) Methyl methacrylate	9.659	41	252659	57.148	ug/l	98
49) 1,4-Dioxane	9.676	88	63234	1124.656	ug/l #	98
51) 4-Methyl-2-Pentanone	10.423	43	1678201	293.831	ug/l	100
52) Toluene	10.606	92	455018	55.666	ug/l	100
53) t-1,3-Dichloropropene	10.812	75	298548	55.072	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	313016	54.906	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	173012	54.706	ug/l	95
56) Ethyl methacrylate	10.853	69	298277	59.708	ug/l	99
57) 1,3-Dichloropropane	11.141	76	313209	54.898	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.135	63	849351	294.909	ug/l	100
59) 2-Hexanone	11.176	43	1135566	315.614	ug/l	99
60) Dibromochloromethane	11.335	129	200424	55.592	ug/l	98
61) 1,2-Dibromoethane	11.447	107	176077	54.980	ug/l	99
64) Tetrachloroethene	11.082	164	152255	47.082	ug/l	98
65) Chlorobenzene	11.870	112	485608	52.998	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	168248	54.444	ug/l	99
67) Ethyl Benzene	11.941	91	868953	54.260	ug/l	100
68) m/p-Xylenes	12.047	106	645030	108.634	ug/l	98
69) o-Xylene	12.376	106	311073	54.953	ug/l	98
70) Styrene	12.388	104	517835	56.339	ug/l	99
71) Bromoform	12.559	173	126121	55.719	ug/l #	99
73) Isopropylbenzene	12.670	105	797342	53.343	ug/l	99
74) N-amyl acetate	12.500	43	249146m	48.943	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	248802	51.487	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	248633m	52.510	ug/l	
77) Bromobenzene	12.959	156	182681	53.415	ug/l	99
78) n-propylbenzene	13.012	91	979990	53.591	ug/l	100
79) 2-Chlorotoluene	13.100	91	583933	52.291	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	661166	53.380	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	84296	50.505	ug/l #	99
82) 4-Chlorotoluene	13.200	91	602162	54.291	ug/l	99
83) tert-Butylbenzene	13.412	119	558345	53.028	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	679700	55.209	ug/l	99
85) sec-Butylbenzene	13.588	105	803702	53.133	ug/l	99
86) p-Isopropyltoluene	13.706	119	665506	53.654	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	350766	52.686	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	350813	50.304	ug/l	98
89) n-Butylbenzene	14.029	91	623271	51.753	ug/l	99
90) Hexachloroethane	14.306	117	121388	53.572	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	334727	53.427	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.694	75	61378	52.351	ug/l	99
93) 1,2,4-Trichlorobenzene	15.364	180	187041	50.246	ug/l	98
94) Hexachlorobutadiene	15.470	225	64423	48.160	ug/l	98
95) Naphthalene	15.611	128	677168	52.496	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	184341	50.884	ug/l	99

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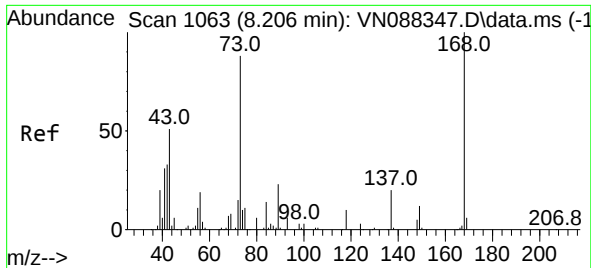
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Dec 02 00:19:23 2025
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Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

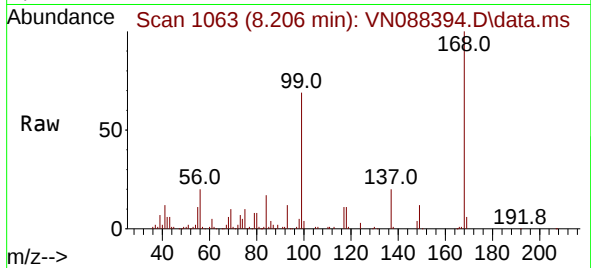
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088394.D
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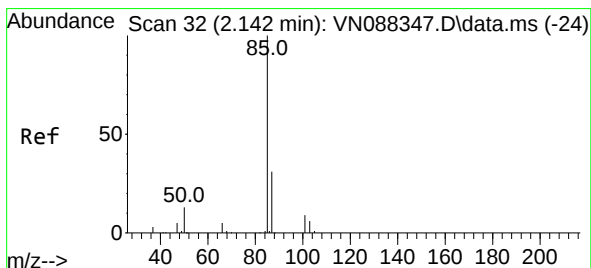
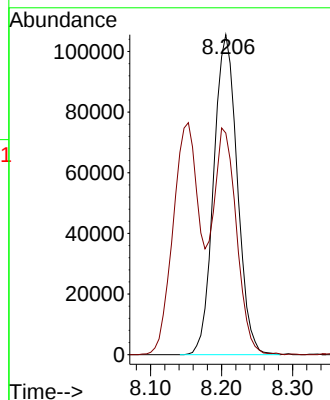
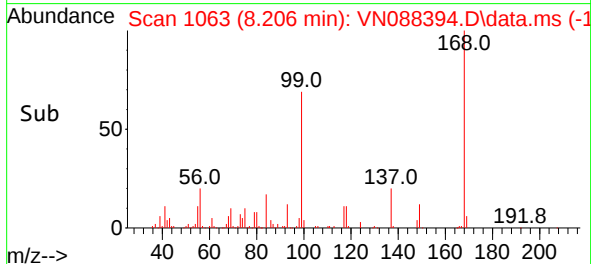
Instrument :
MSVOA_N
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VSTDCCC050EC



Tgt Ion:168 Resp: 243152
Ion Ratio Lower Upper
168 100
99 69.0 57.1 85.7

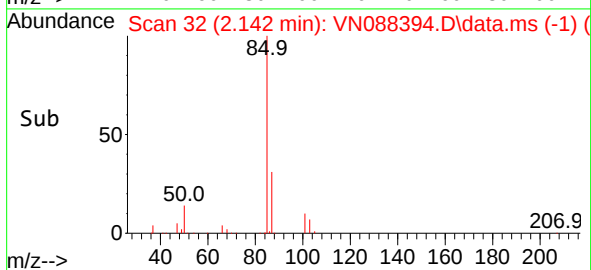
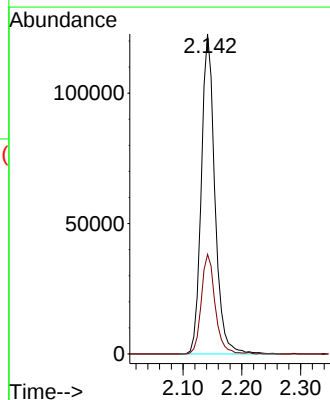
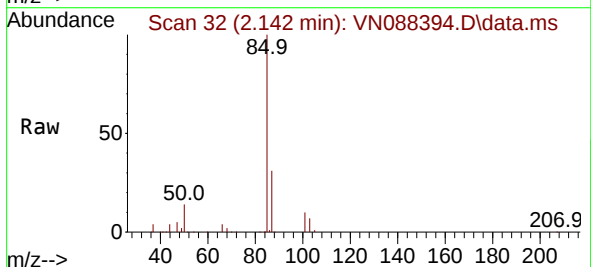
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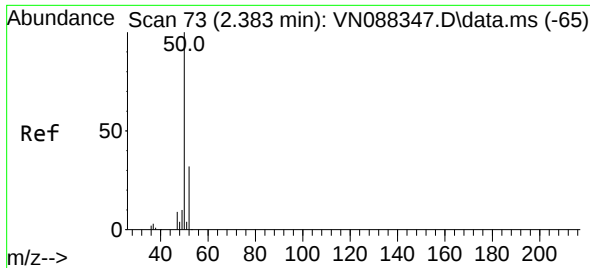
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#2
Dichlorodifluoromethane
Concen: 53.731 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

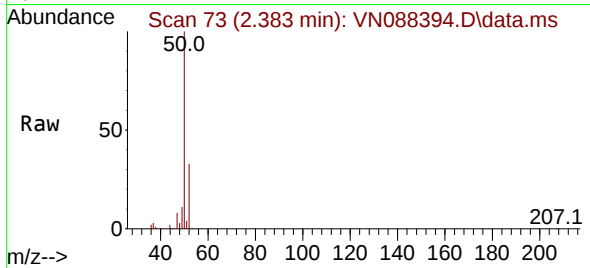
Tgt Ion: 85 Resp: 196234
Ion Ratio Lower Upper
85 100
87 31.2 15.6 46.7





#3
Chloromethane
Concen: 51.673 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

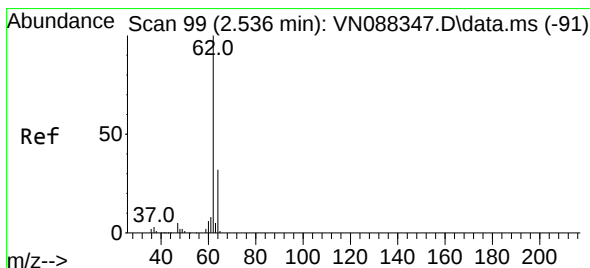
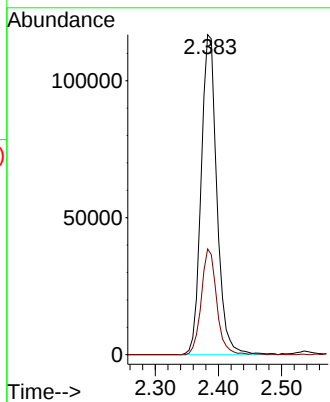
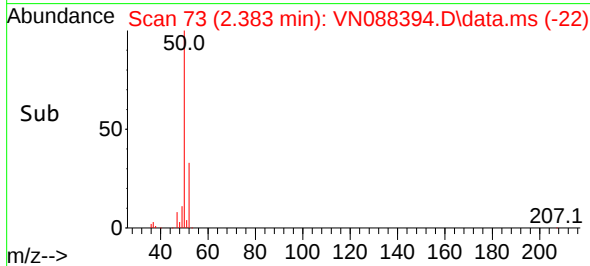
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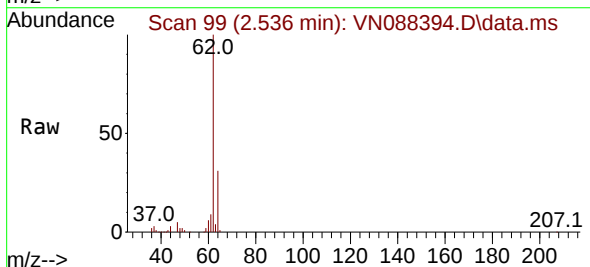
Tgt Ion: 50 Resp: 202680
Ion Ratio Lower Upper
50 100
52 33.0 25.2 37.8

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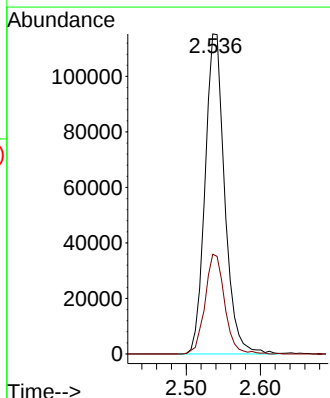
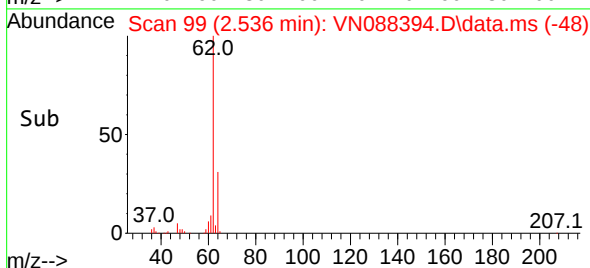
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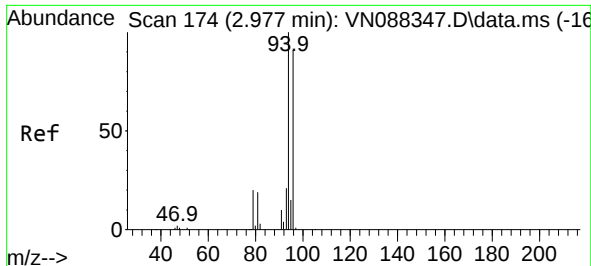


#4
Vinyl Chloride
Concen: 53.092 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01



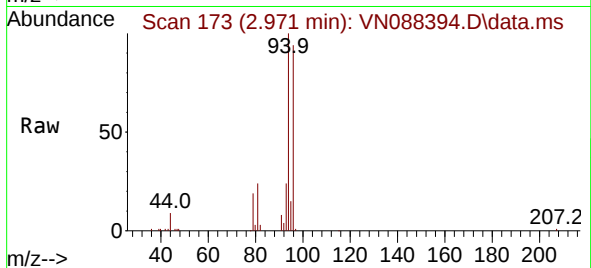
Tgt Ion: 62 Resp: 211860
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.2





#5
Bromomethane
Concen: 48.771 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

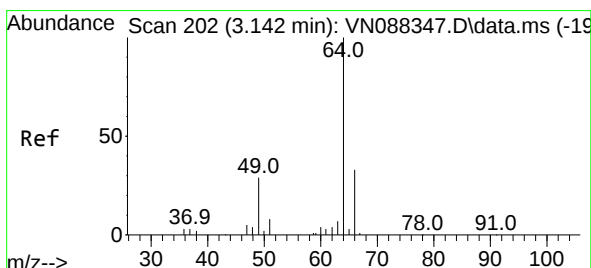
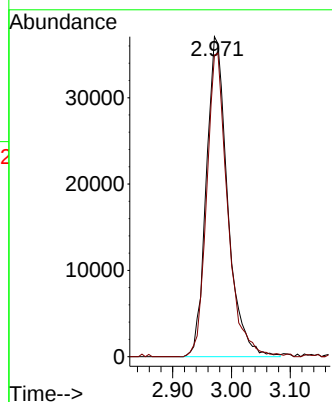
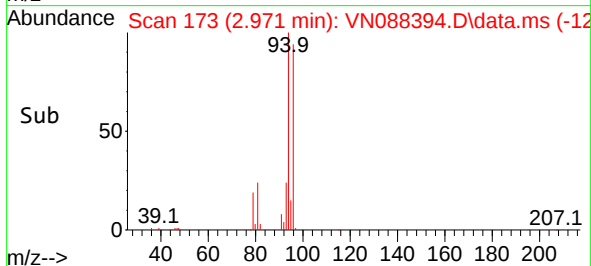
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Tgt Ion: 94 Resp: 9366
Ion Ratio Lower Upper
94 100
96 94.2 73.2 109.8

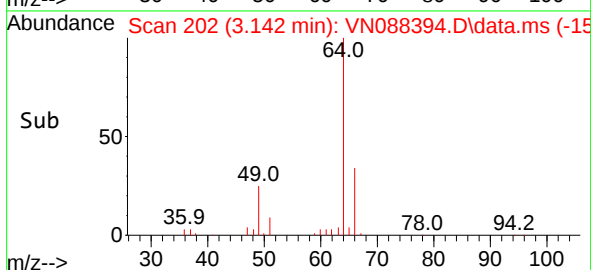
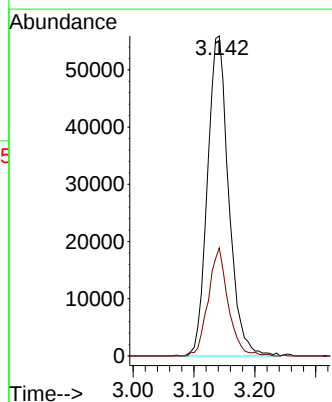
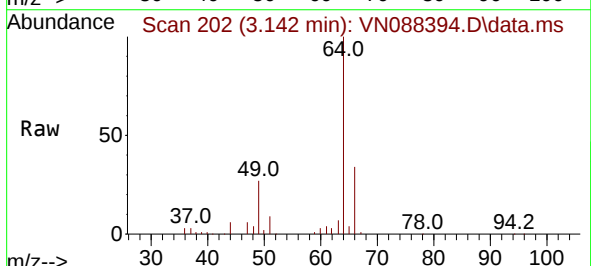
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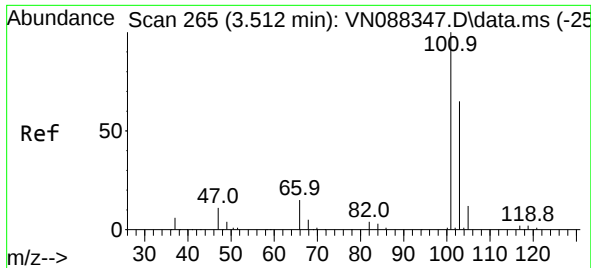
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#6
Chloroethane
Concen: 54.756 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

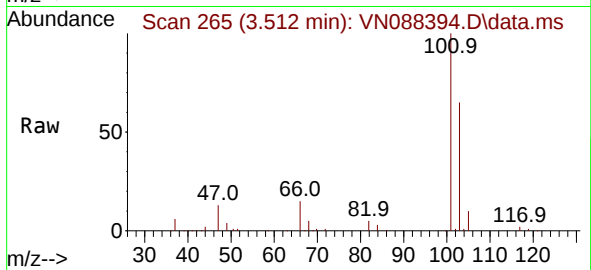
Tgt Ion: 64 Resp: 135218
Ion Ratio Lower Upper
64 100
66 33.8 26.4 39.6





#7
Trichlorofluoromethane
Concen: 53.896 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

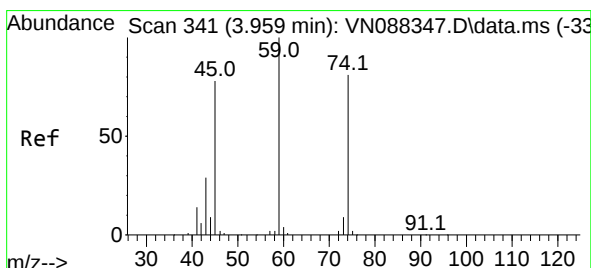
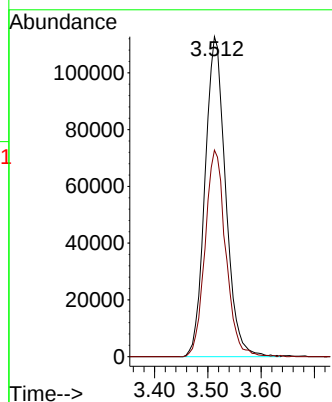
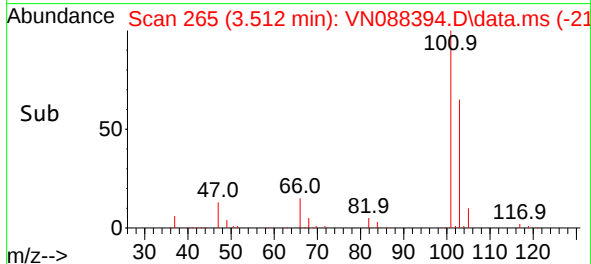
Instrument :
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Tgt Ion:101 Resp: 302274
Ion Ratio Lower Upper
101 100
103 64.5 52.3 78.5

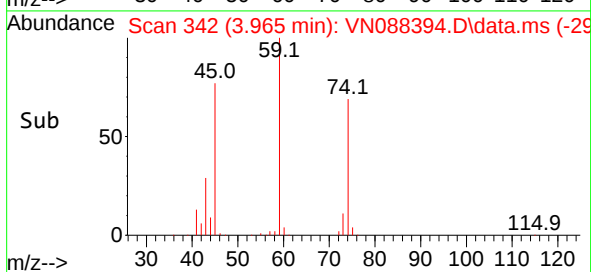
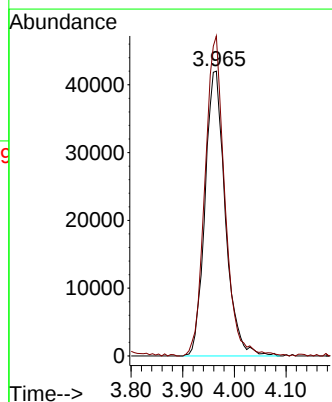
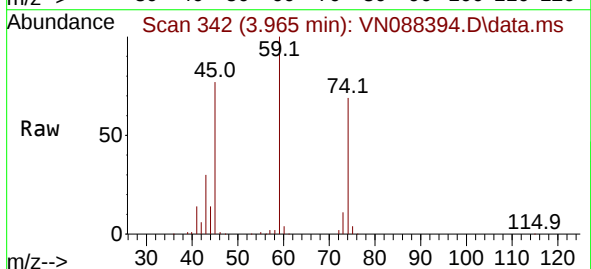
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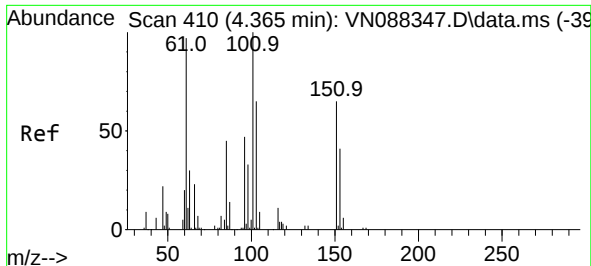
Reviewed By :John Carlone 12/02/2025
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#8
Diethyl Ether
Concen: 54.348 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN088394.D
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Tgt Ion: 74 Resp: 114406
Ion Ratio Lower Upper
74 100
45 110.1 54.2 162.6





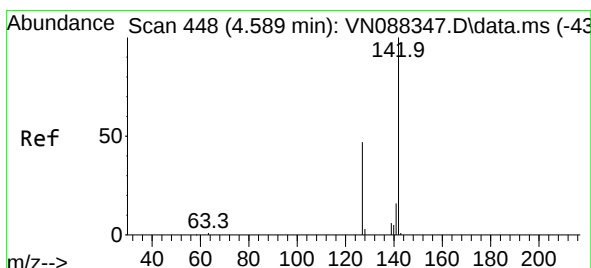
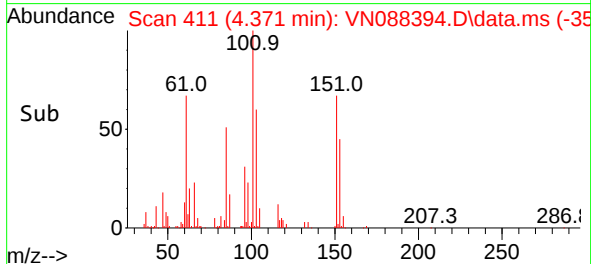
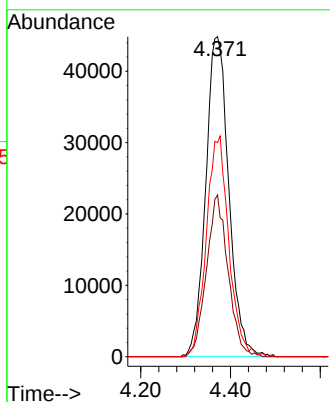
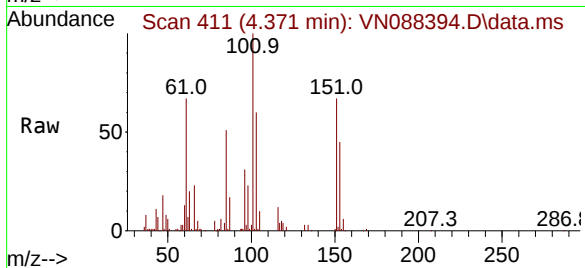
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.727 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 16041
Ion Ratio Lower Upper
101 100
85 47.3 39.2 58.8
151 67.2 53.6 80.4

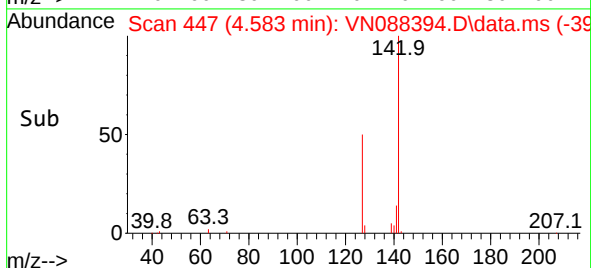
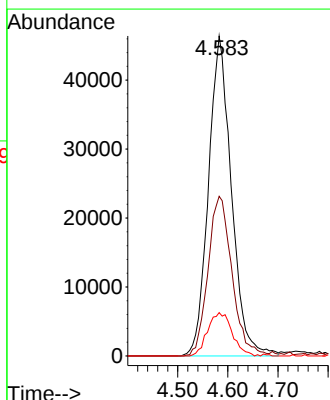
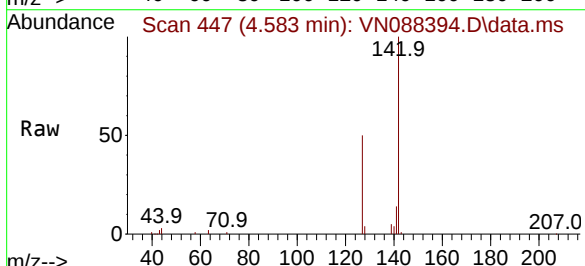
Manual Integrations
APPROVED

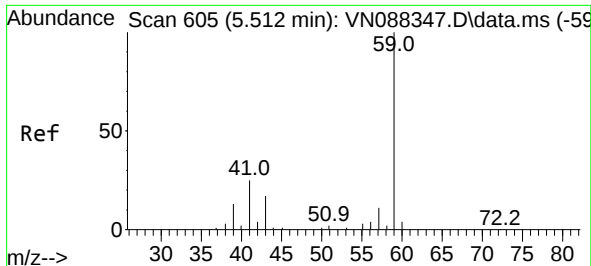
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#10
Methyl Iodide
Concen: 49.982 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

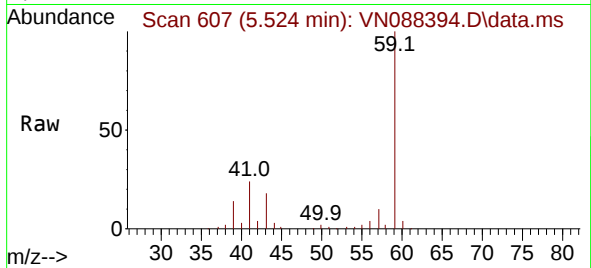
Tgt Ion:142 Resp: 147734
Ion Ratio Lower Upper
142 100
127 49.9 37.9 56.9
141 13.6 12.4 18.6





#11
Tert butyl alcohol
Concen: 272.015 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

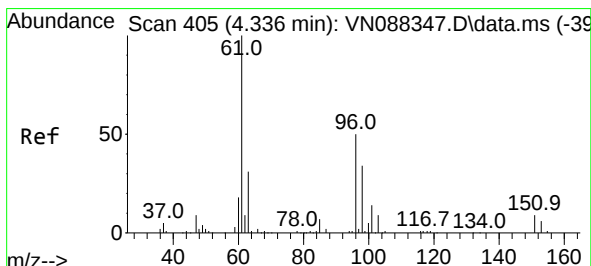
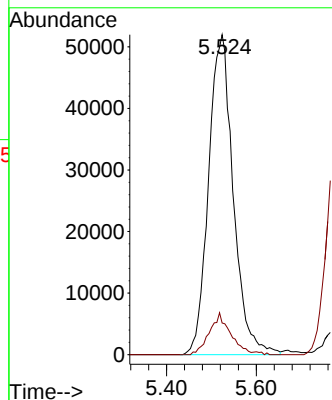
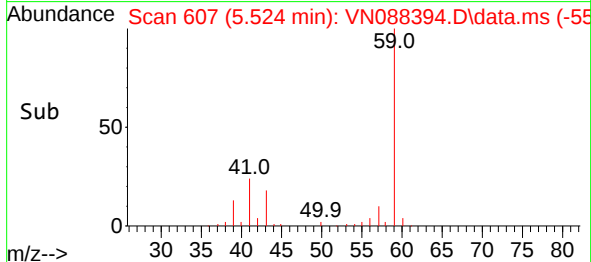
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



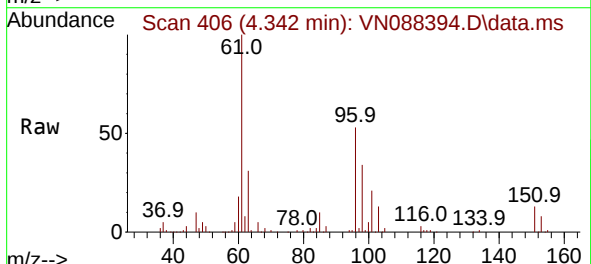
Tgt Ion: 59 Resp: 198920
Ion Ratio Lower Upper
59 100
57 11.1 8.5 12.7

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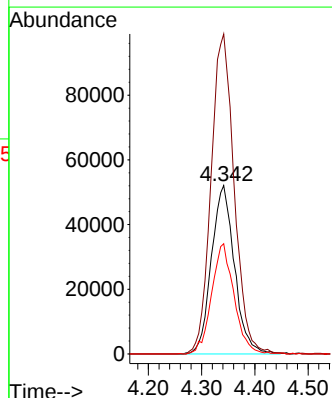
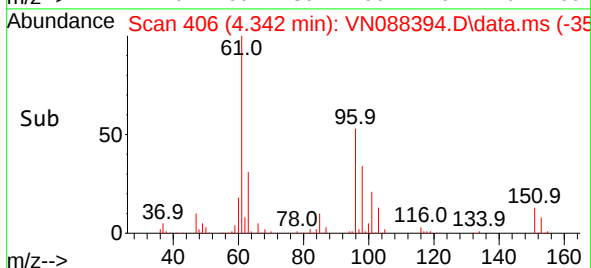
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

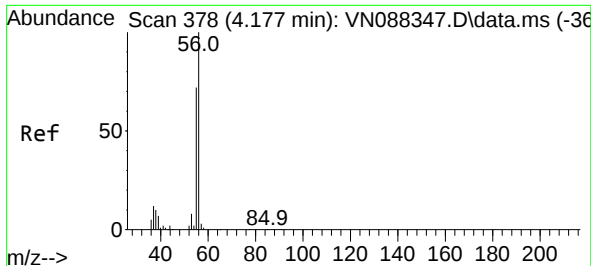


#12
1,1-Dichloroethene
Concen: 52.765 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01



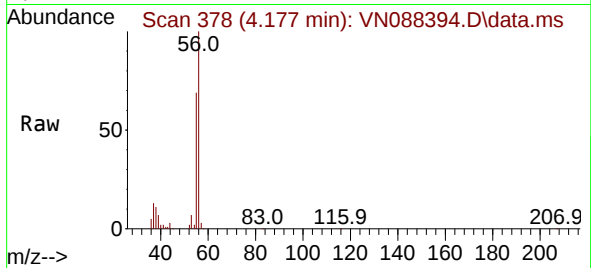
Tgt Ion: 96 Resp: 156528
Ion Ratio Lower Upper
96 100
61 190.0 159.1 238.7
98 65.2 53.7 80.5





#13
Acrolein
Concen: 314.249 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

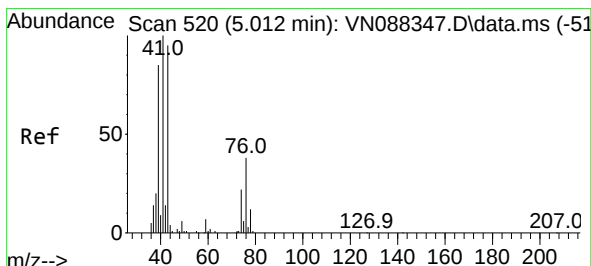
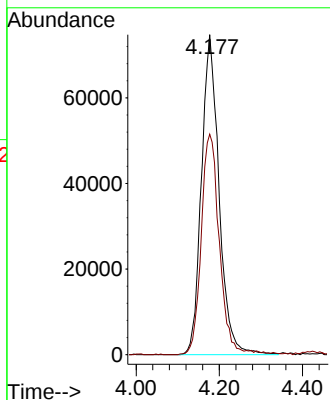
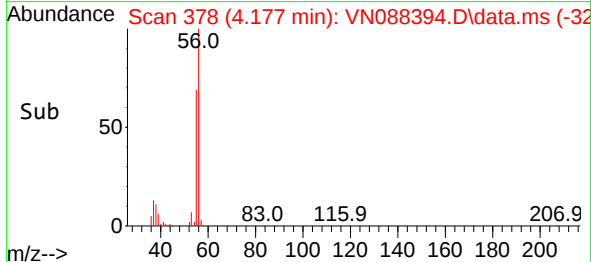
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 22001
Ion Ratio Lower Upper
56 100
55 70.9 56.3 84.5

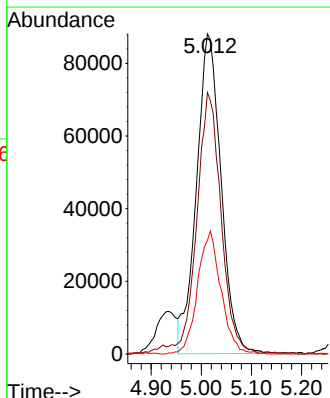
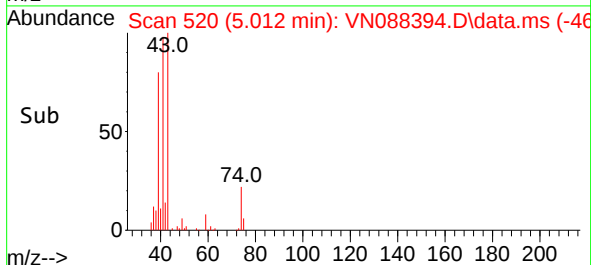
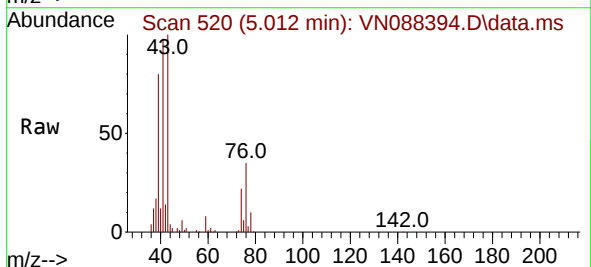
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 54.606 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

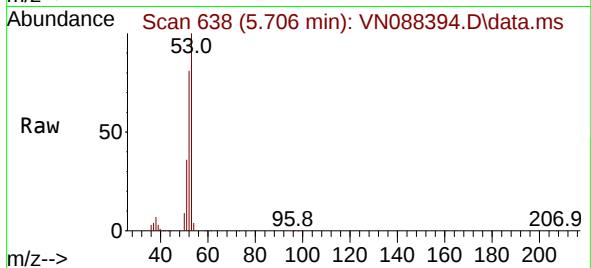
Tgt Ion: 41 Resp: 300243
Ion Ratio Lower Upper
41 100
39 80.0 64.7 97.1
76 36.6 29.1 43.7





#15
Acrylonitrile
Concen: 285.387 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

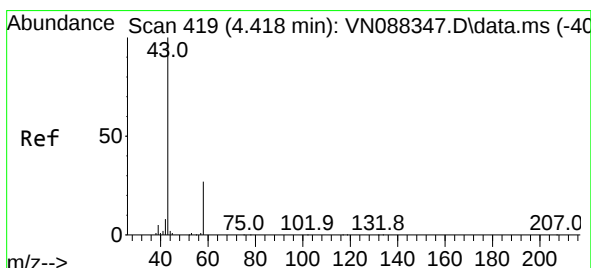
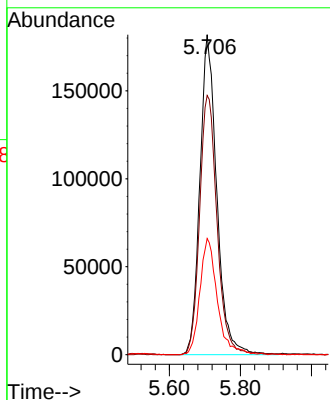
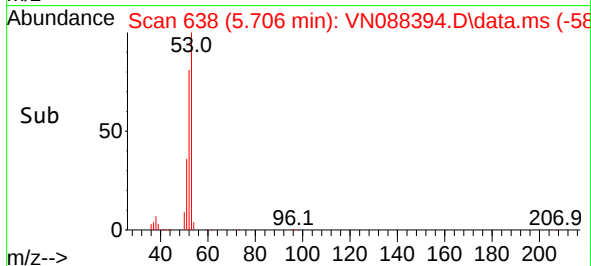
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 60215
Ion Ratio Lower Upper
53 100
52 83.7 67.8 101.6
51 37.4 29.8 44.8

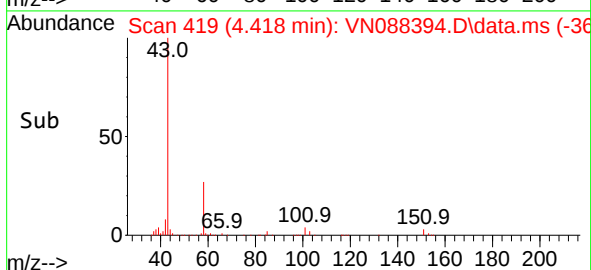
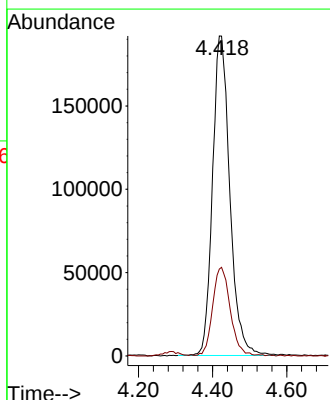
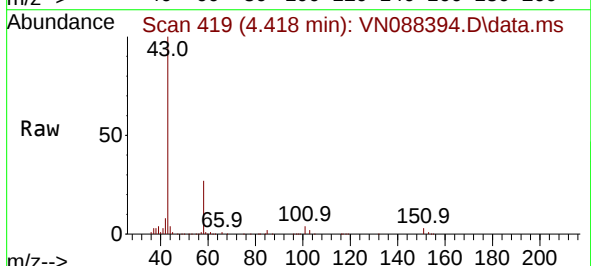
Manual Integrations
APPROVED

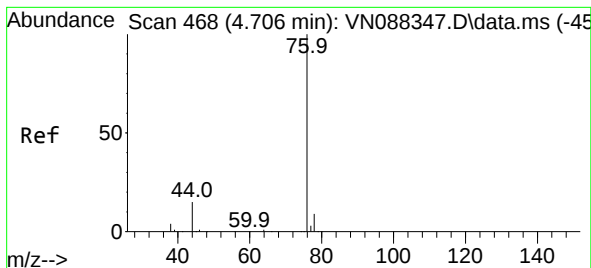
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#16
Acetone
Concen: 375.026 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

Tgt Ion: 43 Resp: 621248
Ion Ratio Lower Upper
43 100
58 27.1 21.7 32.5





#17

Carbon Disulfide

Concen: 54.115 ug/l

RT: 4.712 min Scan# 40

Delta R.T. 0.006 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 52458

Ion Ratio Lower Upper

76 100

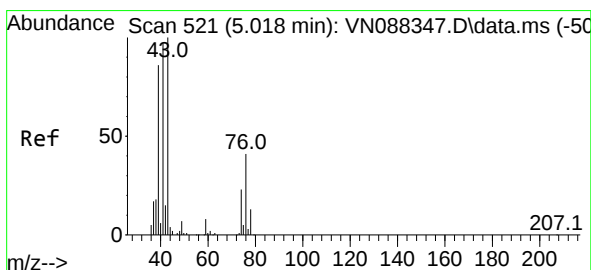
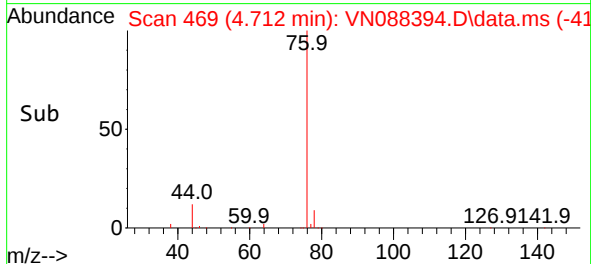
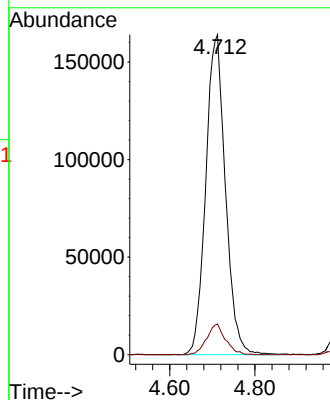
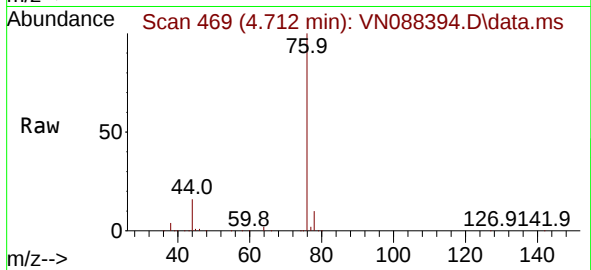
78 9.6 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#18

Methyl Acetate

Concen: 63.834 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN088394.D

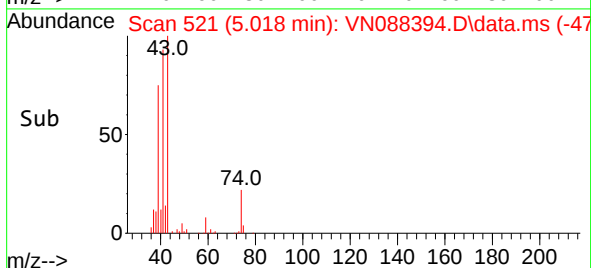
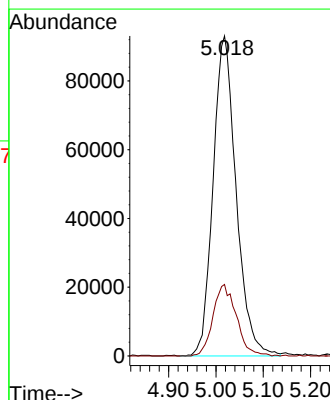
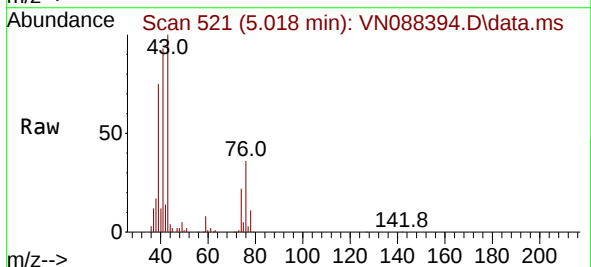
Acq: 01 Dec 2025 19:01

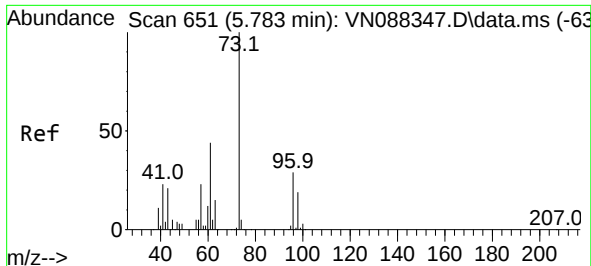
Tgt Ion: 43 Resp: 314767

Ion Ratio Lower Upper

43 100

74 22.6 17.9 26.9





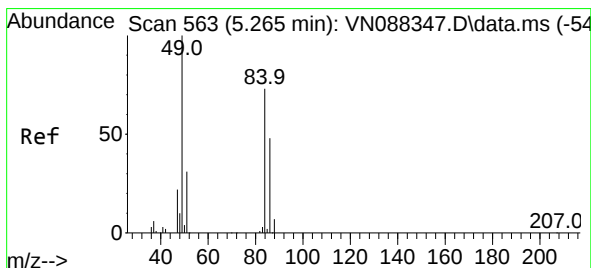
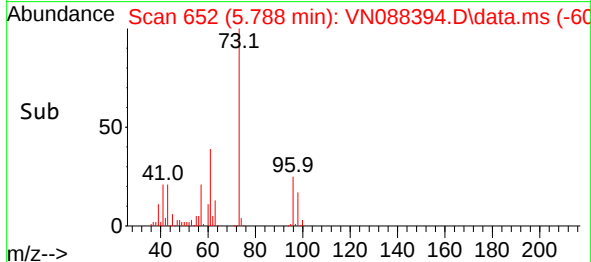
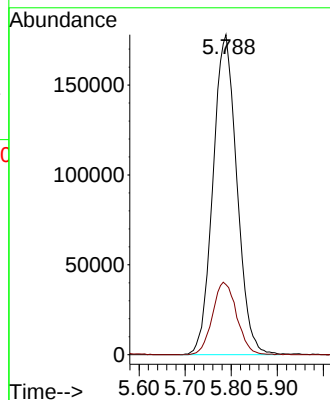
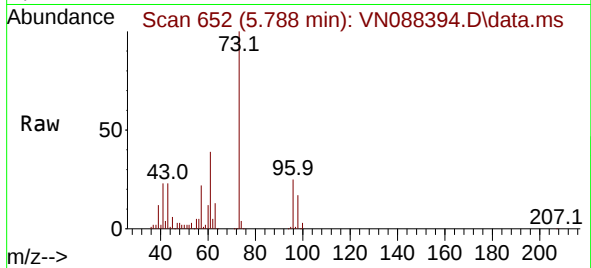
#19
Methyl tert-butyl Ether
Concen: 57.681 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 641088
Ion Ratio Lower Upper
73 100
57 21.9 18.6 28.0

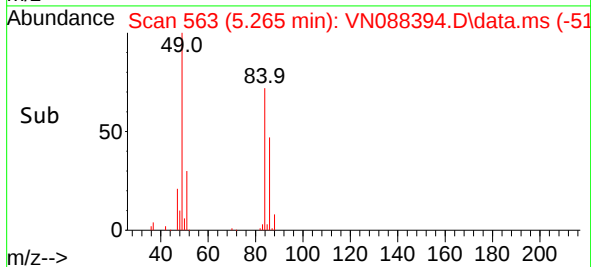
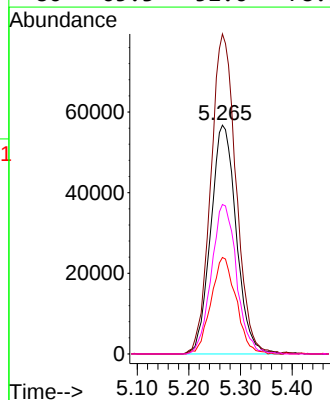
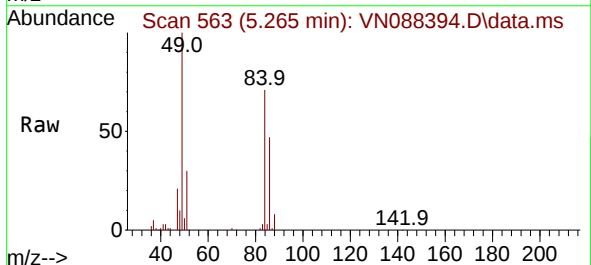
Manual Integrations
APPROVED

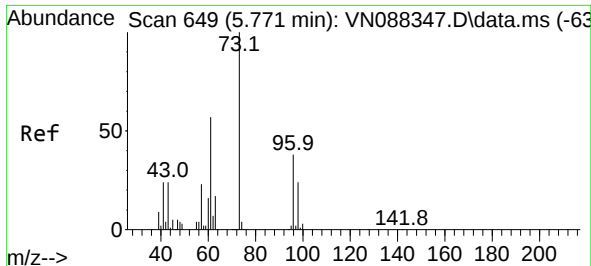
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#20
Methylene Chloride
Concen: 54.906 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

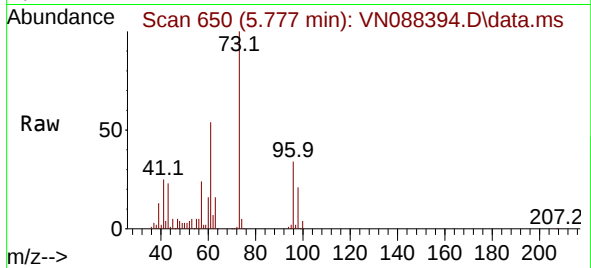
Tgt Ion: 84 Resp: 194597
Ion Ratio Lower Upper
84 100
49 139.9 110.2 165.2
51 42.2 34.1 51.1
86 65.3 52.6 78.8





#21
trans-1,2-Dichloroethene
Concen: 55.223 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

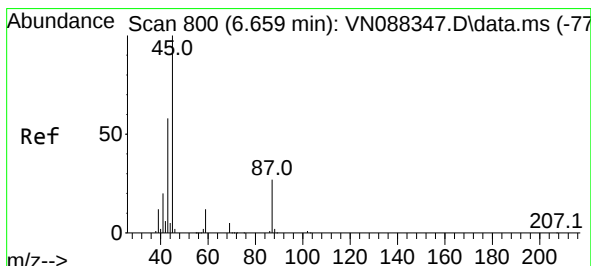
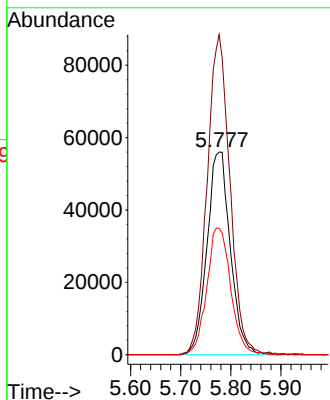
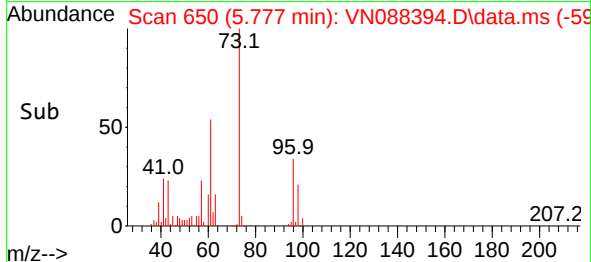
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 181474
Ion Ratio Lower Upper
96 100
61 158.0 122.4 183.6
98 62.4 50.9 76.3

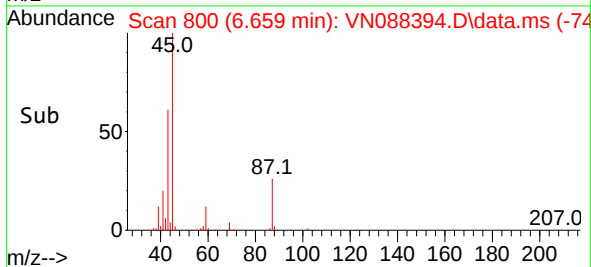
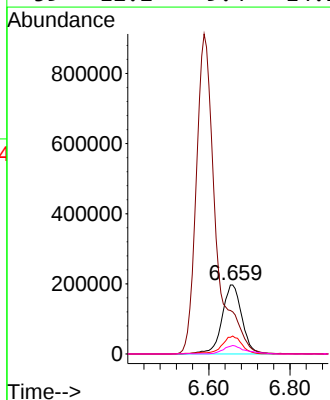
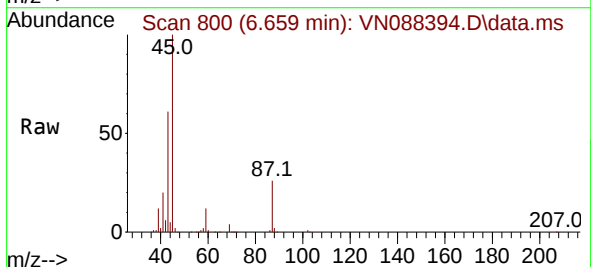
Manual Integrations
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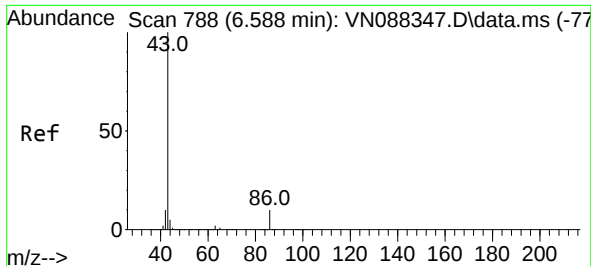
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#22
Diisopropyl ether
Concen: 56.899 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

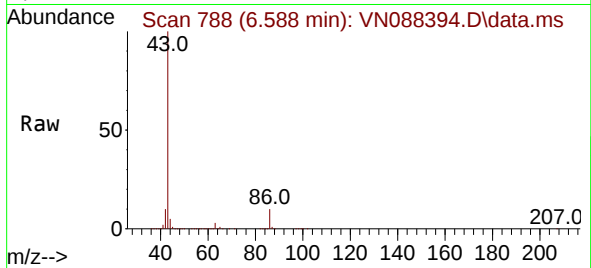
Tgt Ion: 45 Resp: 667924
Ion Ratio Lower Upper
45 100
43 60.1 47.4 71.2
87 25.9 21.9 32.9
59 12.2 9.4 14.2





#23
 Vinyl Acetate
 Concen: 290.285 ug/l m
 RT: 6.588 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088394.D
 Acq: 01 Dec 2025 19:01

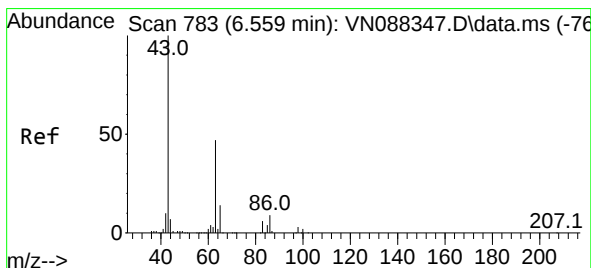
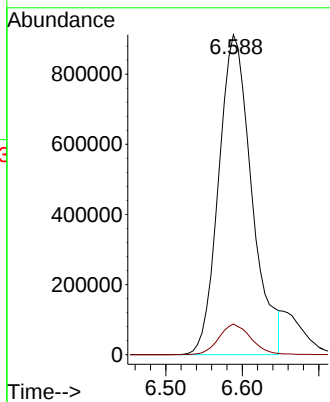
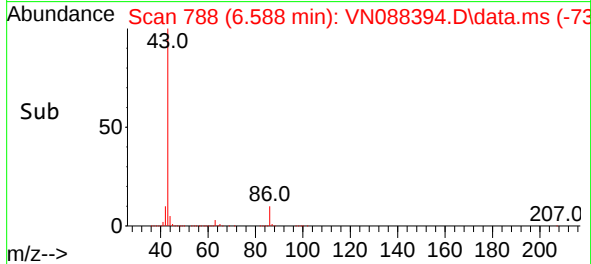
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



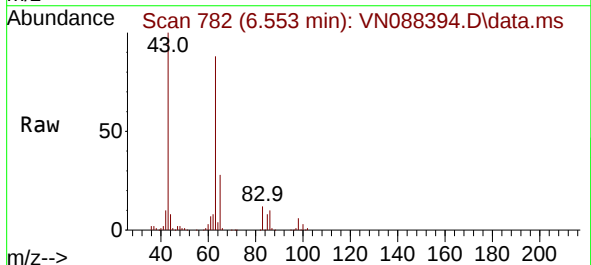
Tgt Ion: 43 Resp: 274542
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

Manual Integrations
 APPROVED

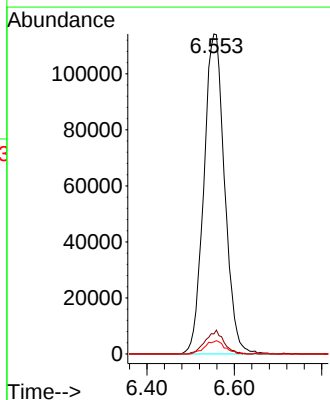
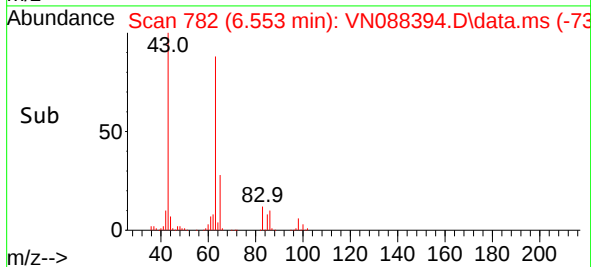
Reviewed By :John Carlone 12/02/2025
 Supervised By :Mahesh Dadoda 12/02/2025

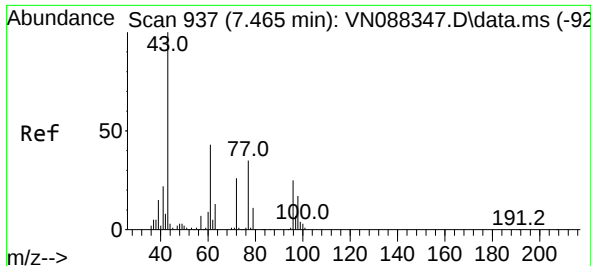


#24
 1,1-Dichloroethane
 Concen: 56.676 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088394.D
 Acq: 01 Dec 2025 19:01



Tgt Ion: 63 Resp: 376760
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.2
 100 3.8 1.9 5.7





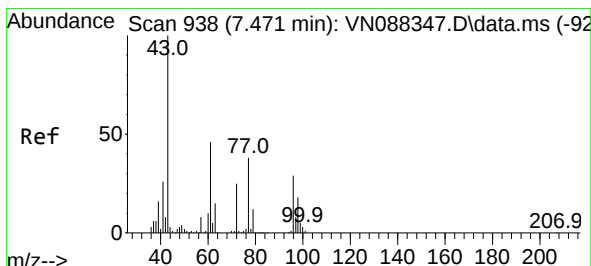
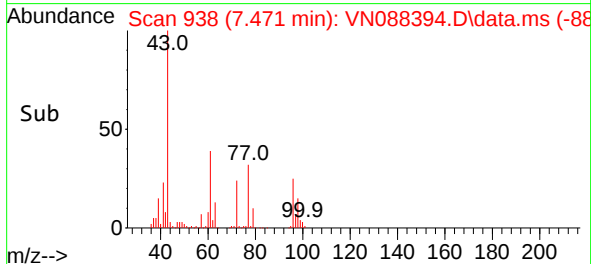
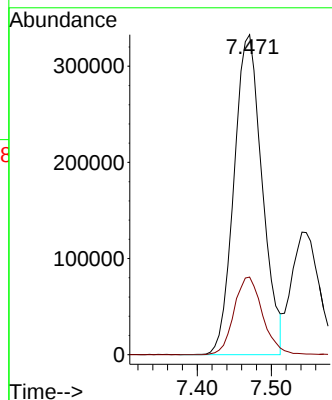
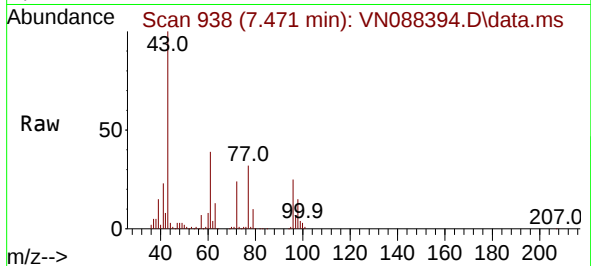
#25
2-Butanone
Concen: 330.075 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 879023
Ion Ratio Lower Upper
43 100
72 24.2 20.5 30.7

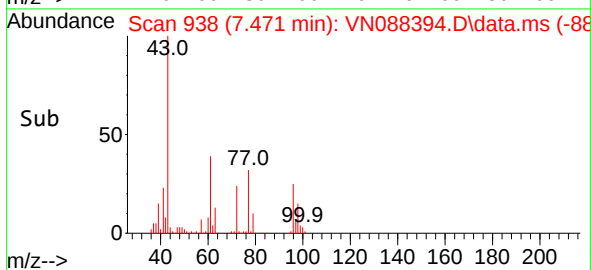
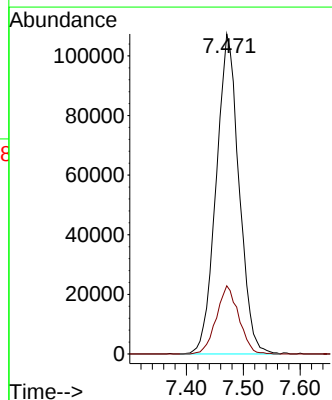
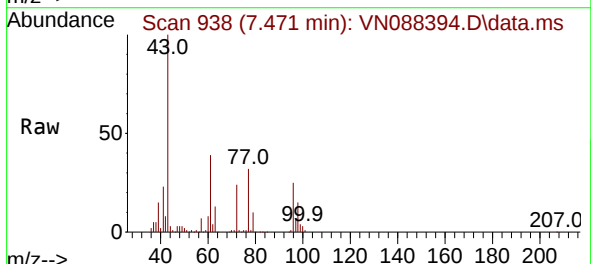
Manual Integrations
APPROVED

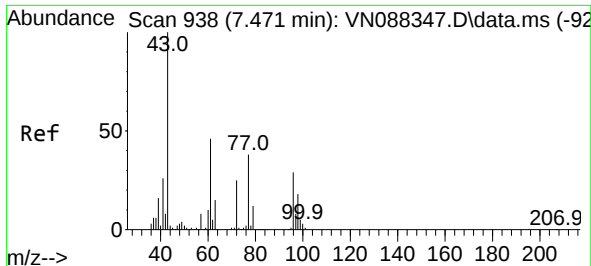
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#26
2,2-Dichloropropane
Concen: 52.327 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

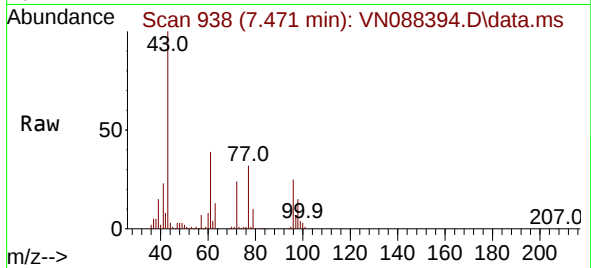
Tgt Ion: 77 Resp: 300253
Ion Ratio Lower Upper
77 100
97 20.8 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 56.801 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088394.D
 Acq: 01 Dec 2025 19:01

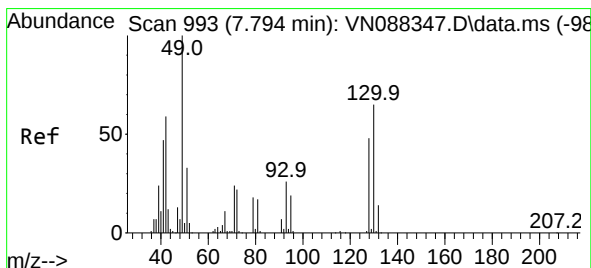
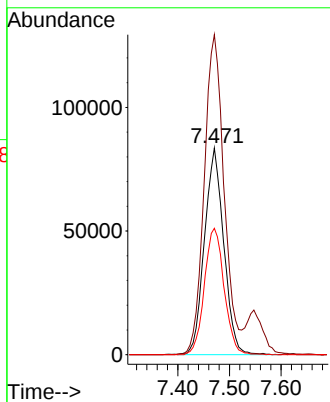
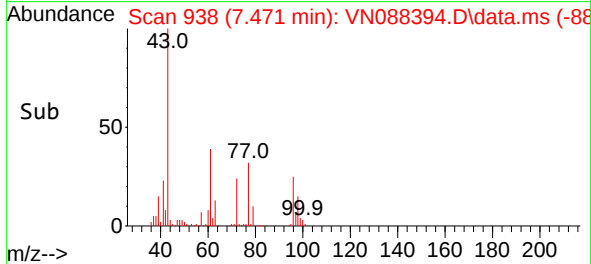
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 216920
 Ion Ratio Lower Upper
 96 100
 61 159.6 0.0 323.6
 98 62.5 0.0 127.2

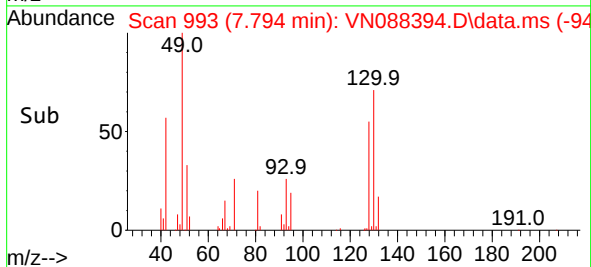
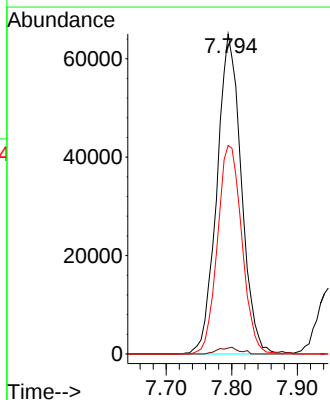
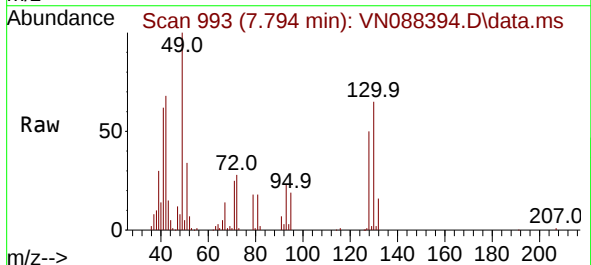
Manual Integrations
 APPROVED

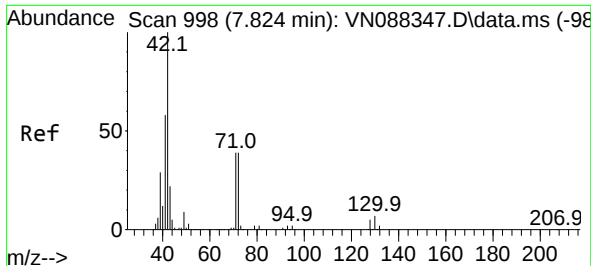
Reviewed By :John Carlone 12/02/2025
 Supervised By :Mahesh Dadoda 12/02/2025



#28
 Bromochloromethane
 Concen: 50.686 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088394.D
 Acq: 01 Dec 2025 19:01

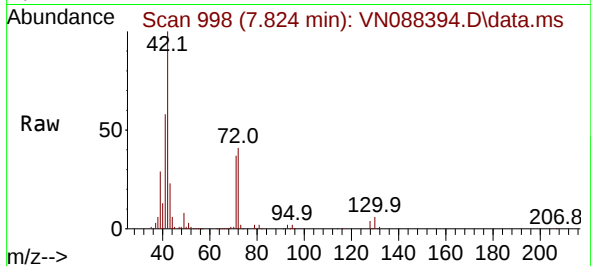
Tgt Ion: 49 Resp: 167848
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 65.0 51.1 76.7





#29
Tetrahydrofuran
Concen: 296.291 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

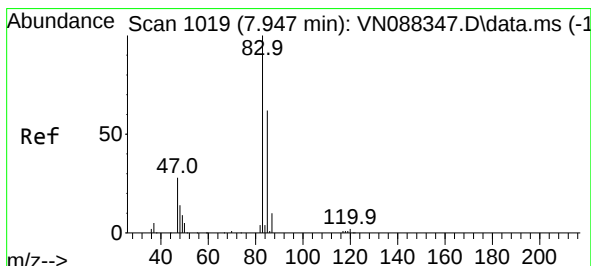
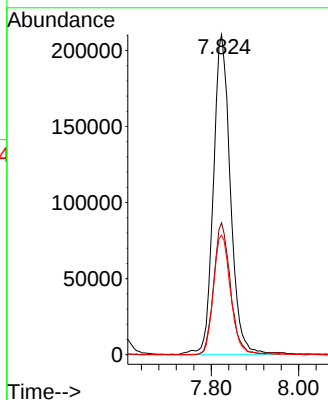
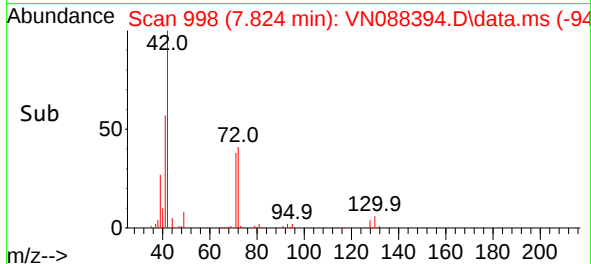
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 565963
Ion Ratio Lower Upper
42 100
72 40.5 32.2 48.4
71 37.7 31.1 46.7

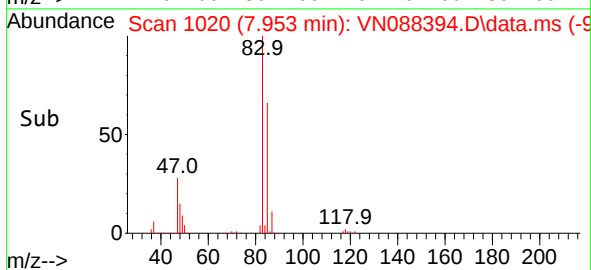
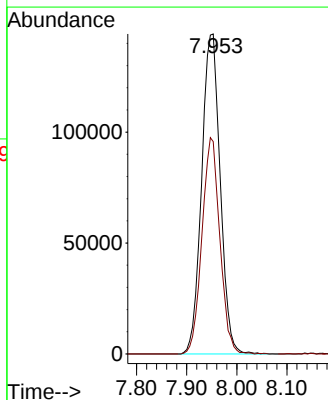
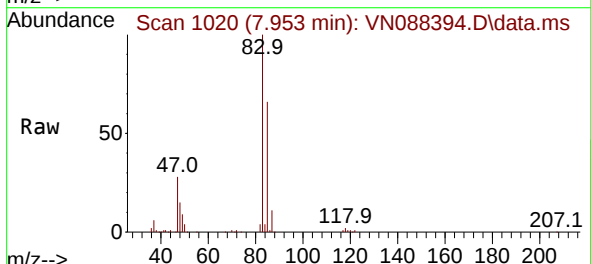
Manual Integrations
APPROVED

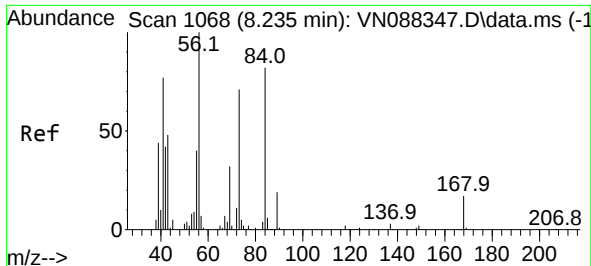
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#30
Chloroform
Concen: 56.807 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

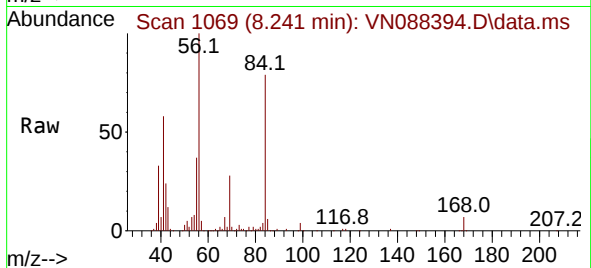
Tgt Ion: 83 Resp: 371062
Ion Ratio Lower Upper
83 100
85 66.3 49.8 74.8





#31
Cyclohexane
Concen: 52.322 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

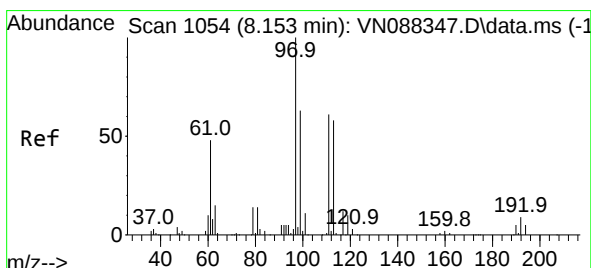
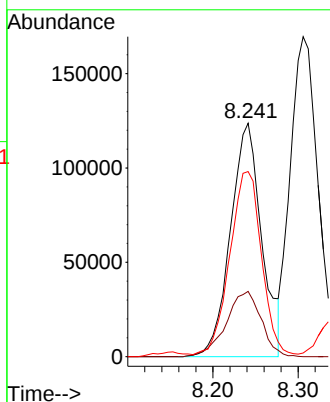
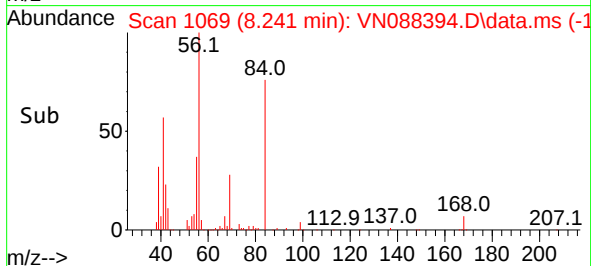
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



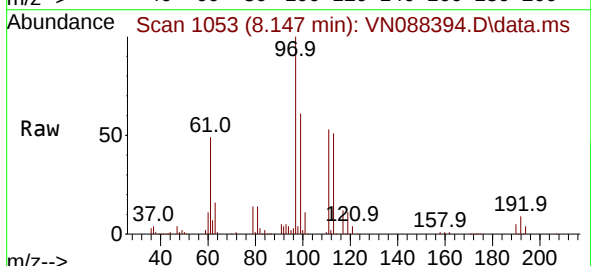
Tgt Ion: 56 Resp: 315190
Ion Ratio Lower Upper
56 100
69 27.7 25.3 37.9
84 77.9 65.4 98.2

Manual Integrations
APPROVED

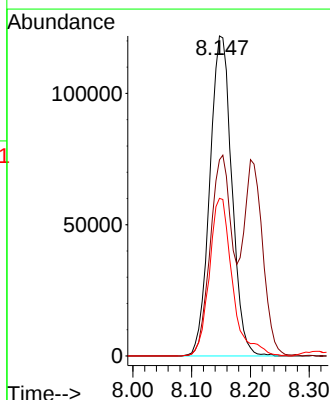
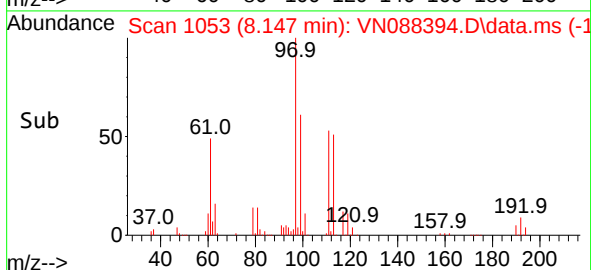
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

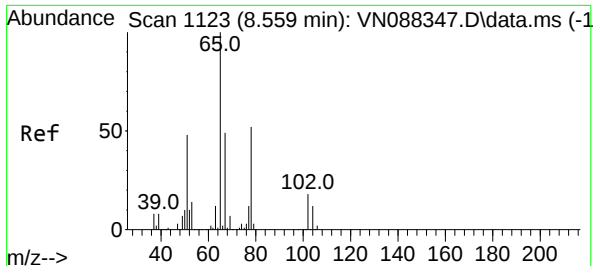


#32
1,1,1-Trichloroethane
Concen: 55.251 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01



Tgt Ion: 97 Resp: 317326
Ion Ratio Lower Upper
97 100
99 61.2 50.8 76.2
61 51.7 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 51.406 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 23546

Ion Ratio Lower Upper

65 100

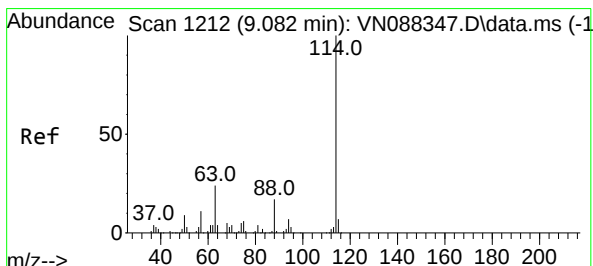
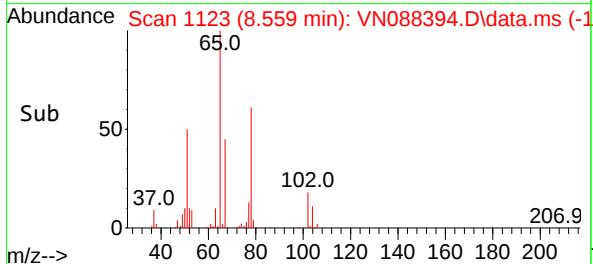
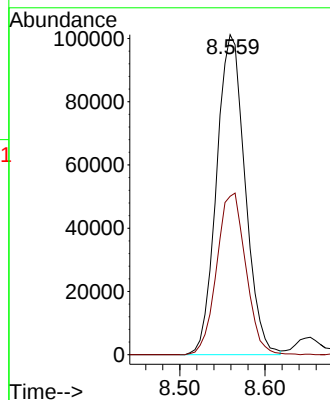
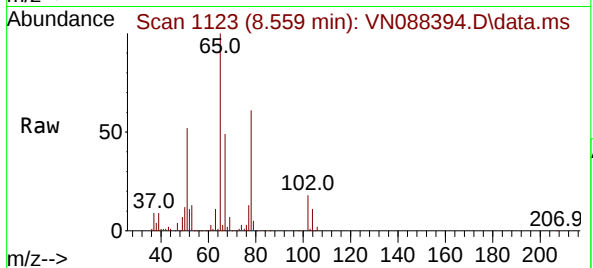
67 51.4 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

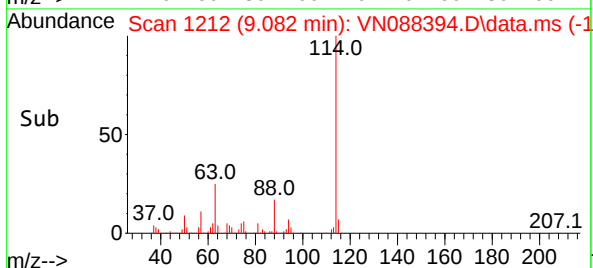
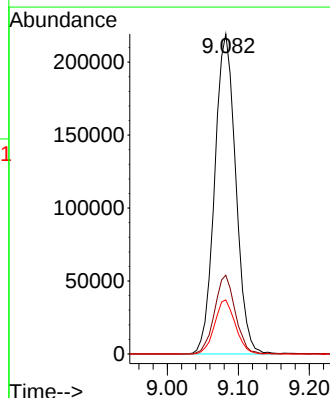
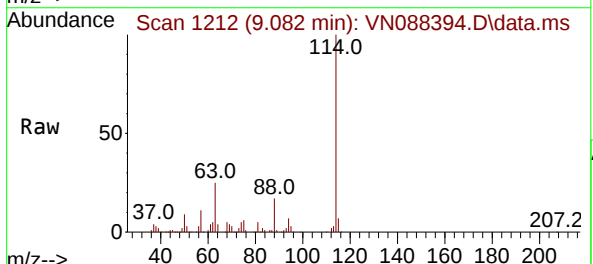
Tgt Ion:114 Resp: 450975

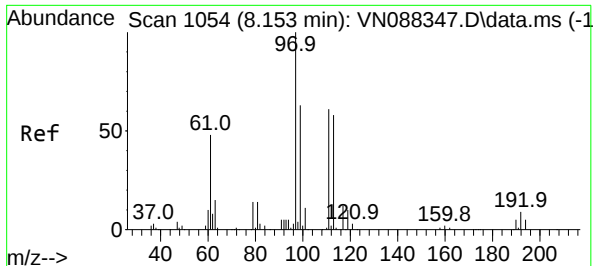
Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.0

88 16.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.824 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

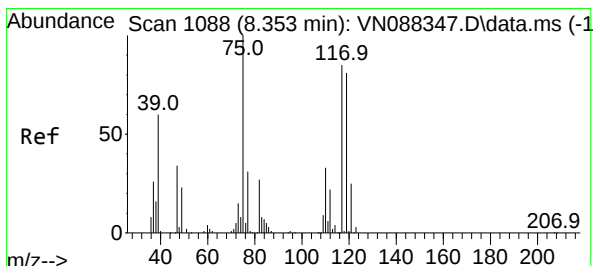
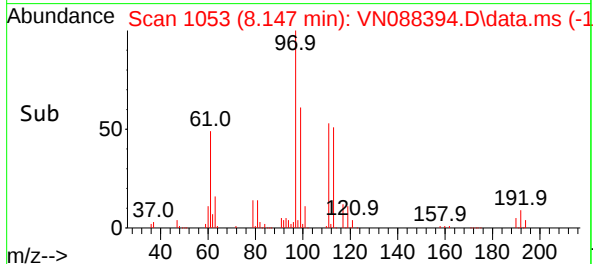
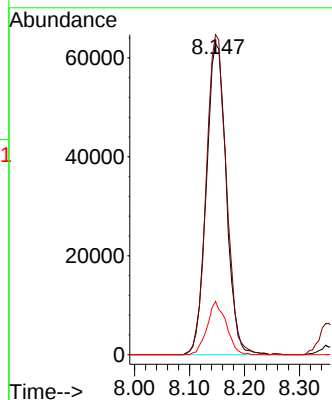
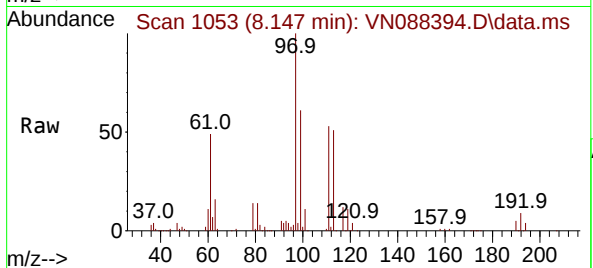
Tgt Ion:	113	Resp:	15883
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.5	123.7
192	16.3	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#36

1,1-Dichloropropene

Concen: 52.049 ug/l

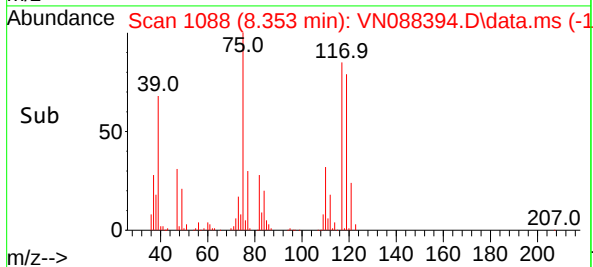
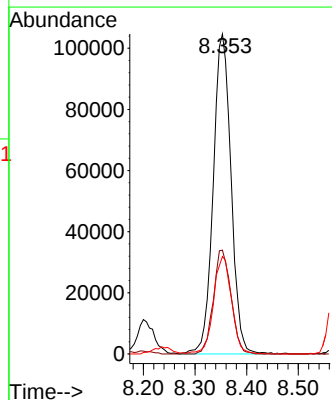
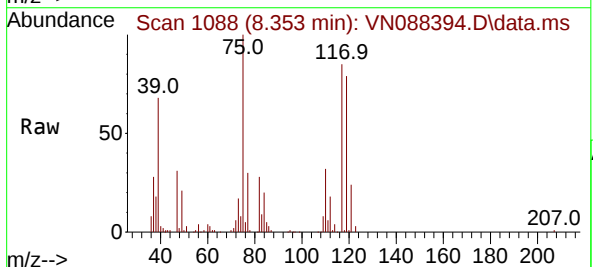
RT: 8.353 min Scan# 1088

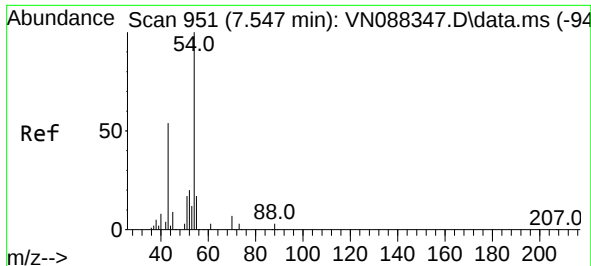
Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

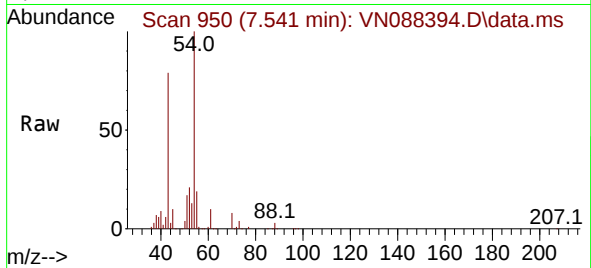
Tgt Ion:	75	Resp:	251046
Ion Ratio	Lower	Upper	
75	100		
110	32.1	15.8	47.4
77	30.9	24.2	36.2





#37
Ethyl Acetate
Concen: 54.923 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

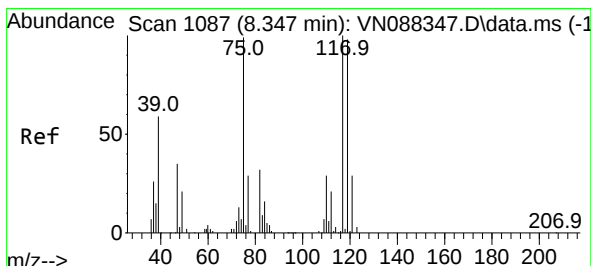
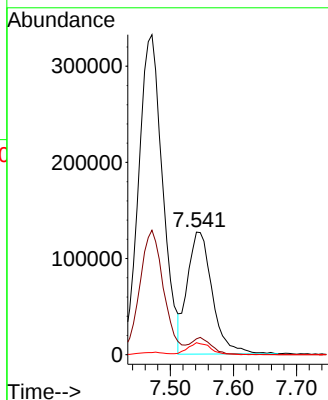
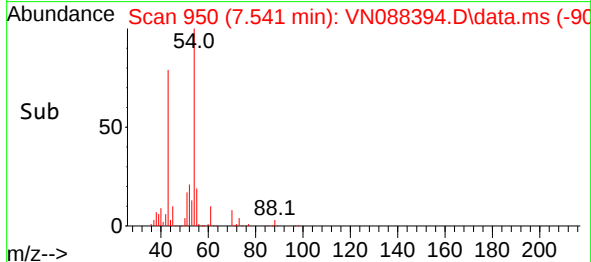
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 348320
Ion Ratio Lower Upper
43 100
61 11.4 9.5 14.3
70 9.0 7.1 10.7

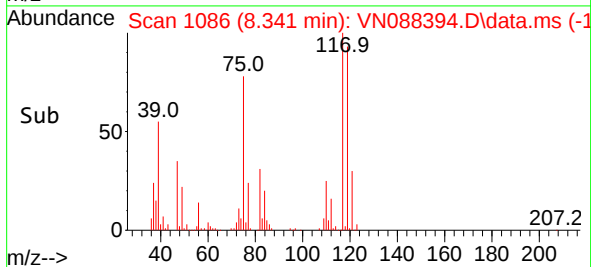
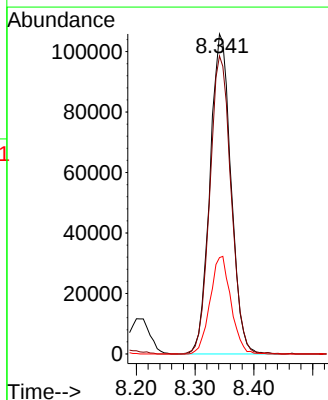
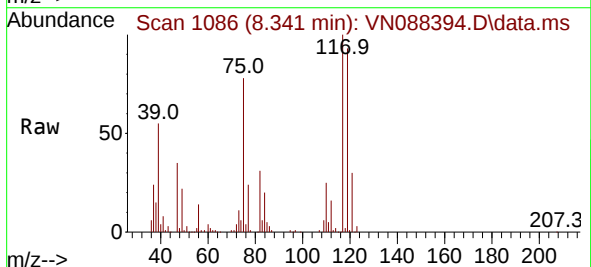
Manual Integrations
APPROVED

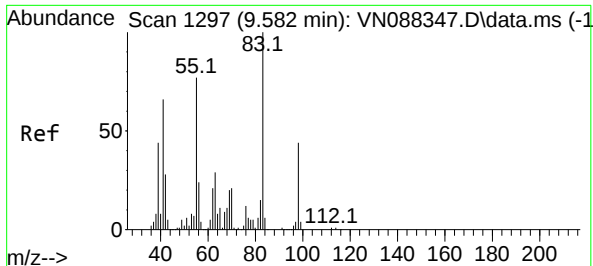
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#38
Carbon Tetrachloride
Concen: 54.622 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

Tgt Ion:117 Resp: 262267
Ion Ratio Lower Upper
117 100
119 93.2 78.2 117.4
121 30.1 23.4 35.2





#39

Methylcyclohexane

Concen: 51.904 ug/l

RT: 9.576 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 26778

Ion Ratio Lower Upper

83 100

55 81.4 61.6 92.4

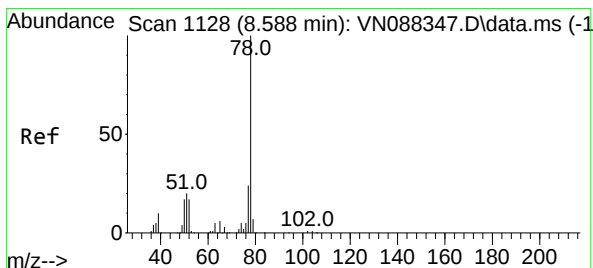
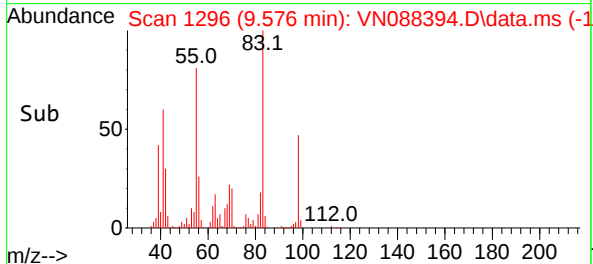
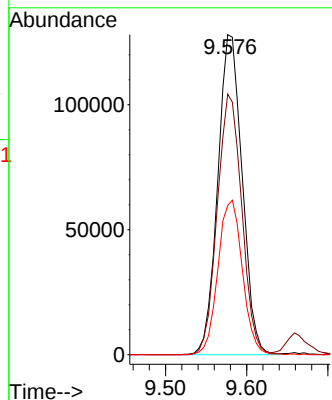
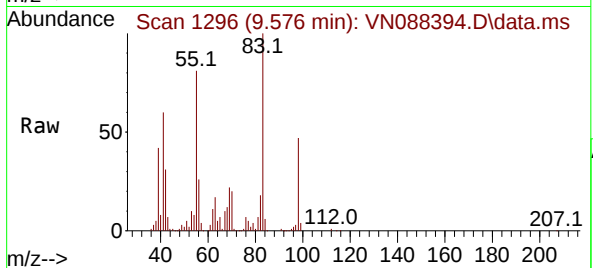
98 46.6 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#40

Benzene

Concen: 54.086 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088394.D

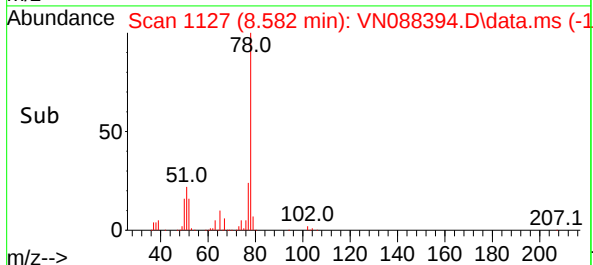
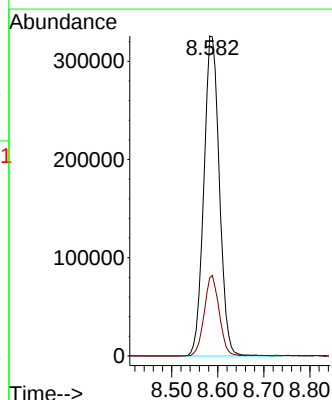
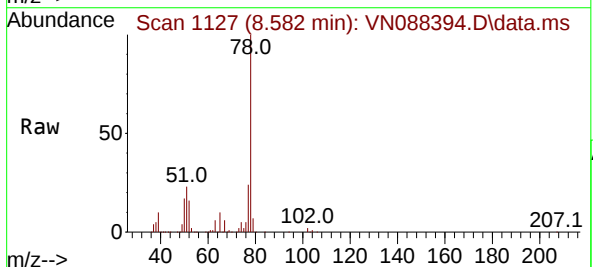
Acq: 01 Dec 2025 19:01

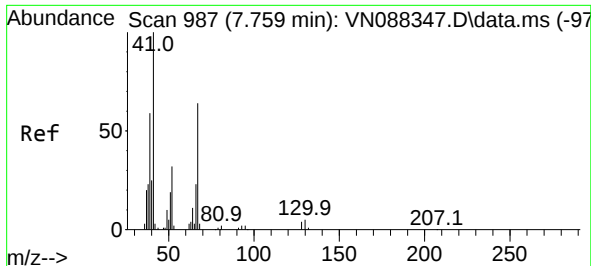
Tgt Ion: 78 Resp: 765654

Ion Ratio Lower Upper

78 100

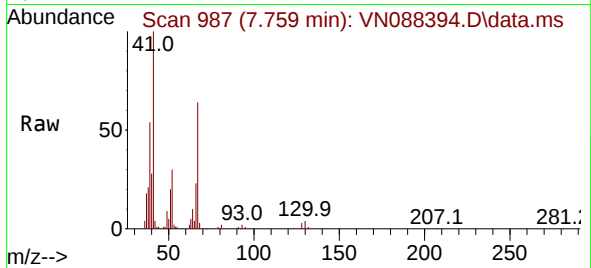
77 24.5 19.0 28.4





#41
Methacrylonitrile
Concen: 55.964 ug/l
RT: 7.759 min Scan# 987
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

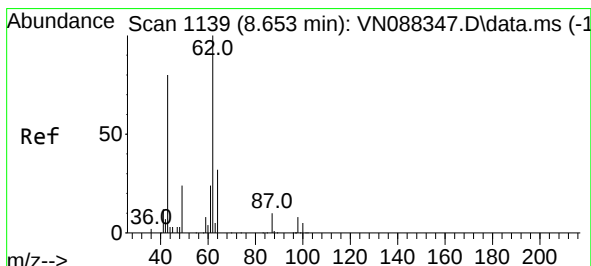
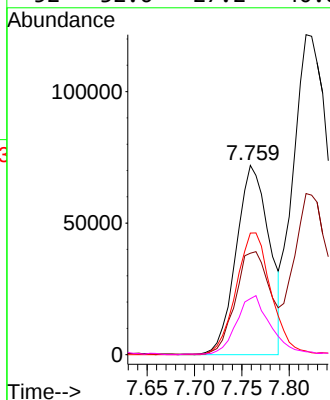
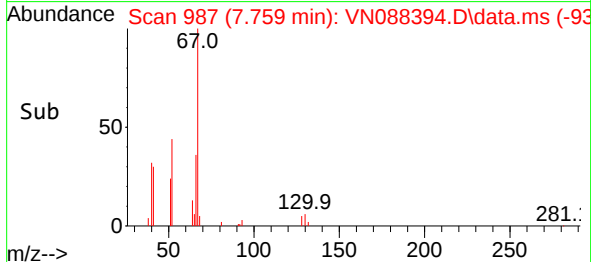
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 175790
Ion Ratio Lower Upper
41 100
39 56.7 46.3 69.5
67 68.5 54.7 82.1
52 32.6 27.2 40.8

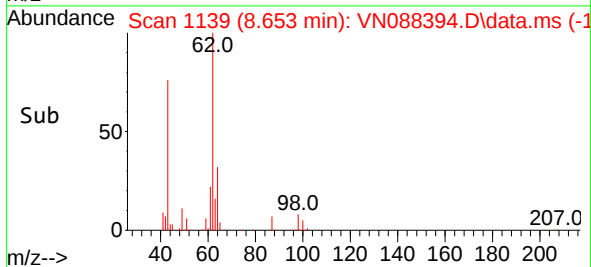
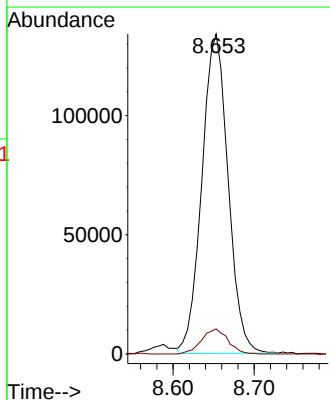
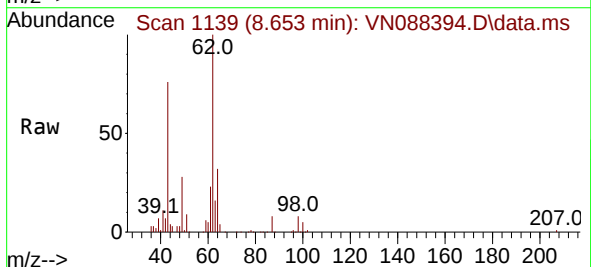
Manual Integrations
APPROVED

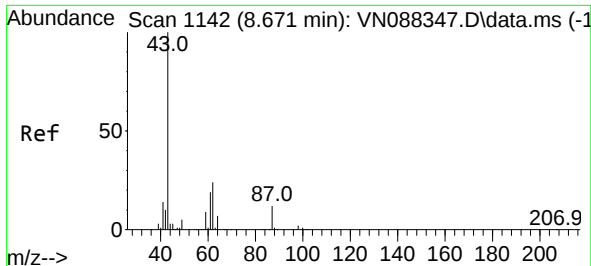
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#42
1,2-Dichloroethane
Concen: 55.696 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

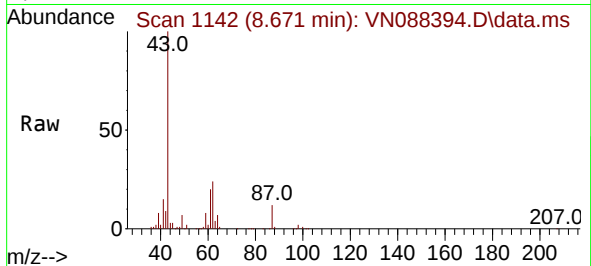
Tgt Ion: 62 Resp: 300814
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.2





#43
Isopropyl Acetate
Concen: 55.159 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

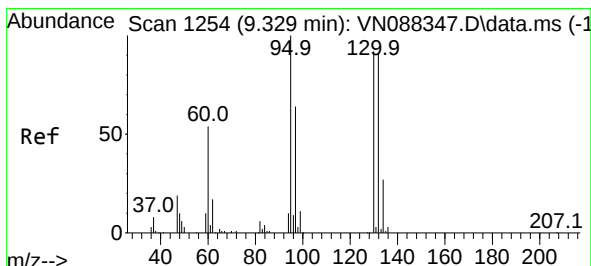
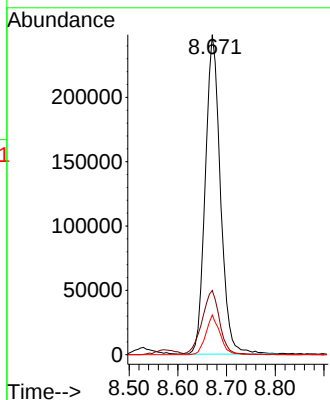
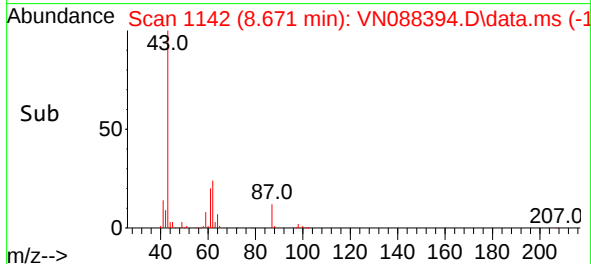
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 534479
Ion Ratio Lower Upper
43 100
61 23.0 18.7 28.1
87 11.6 9.1 13.7

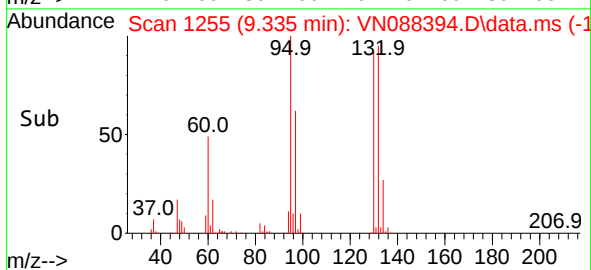
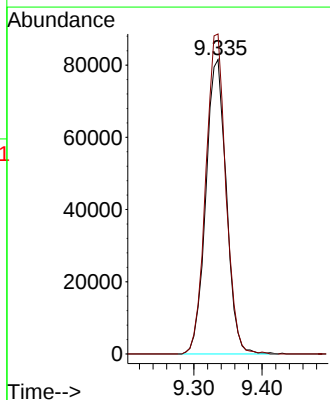
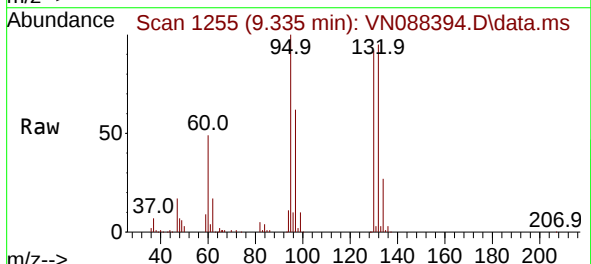
Manual Integrations
APPROVED

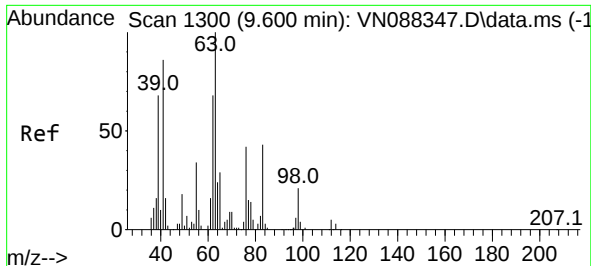
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#44
Trichloroethene
Concen: 50.916 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

Tgt Ion:130 Resp: 170310
Ion Ratio Lower Upper
130 100
95 108.7 0.0 217.0





#45

1,2-Dichloropropane

Concen: 55.434 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 201058

Ion Ratio Lower Upper

63 100

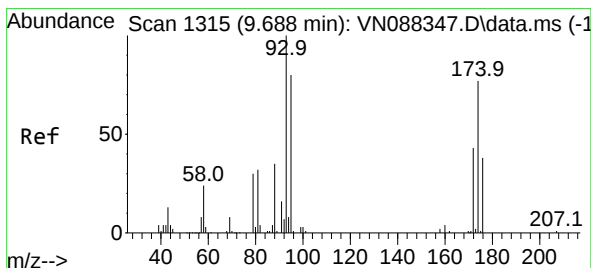
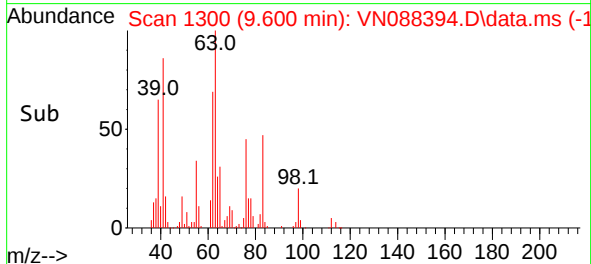
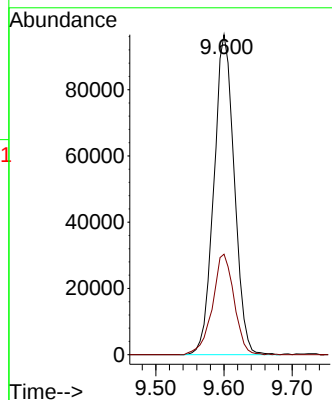
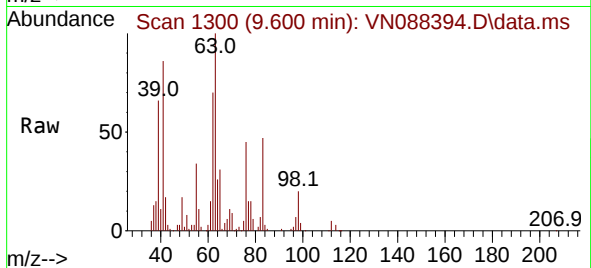
65 31.4 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#46

Dibromomethane

Concen: 55.881 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

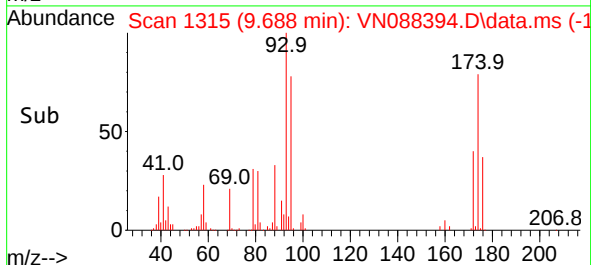
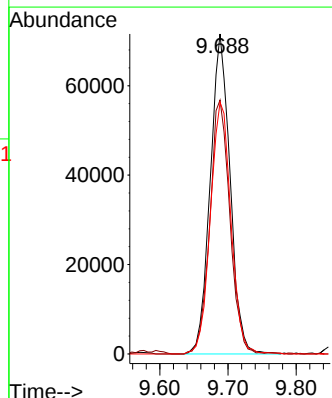
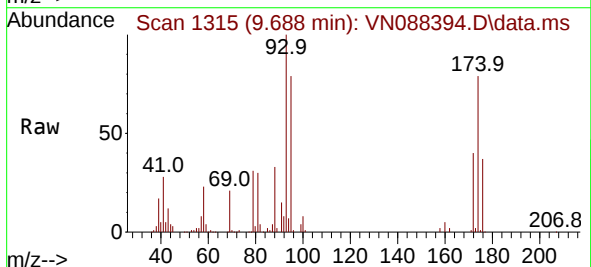
Tgt Ion: 93 Resp: 144642

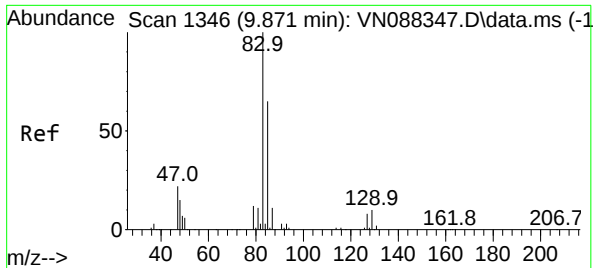
Ion Ratio Lower Upper

93 100

95 80.3 65.8 98.6

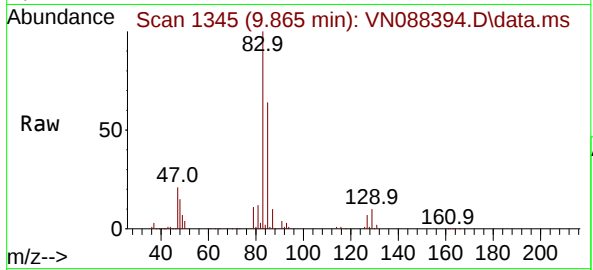
174 81.7 64.3 96.5





#47
Bromodichloromethane
Concen: 55.893 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

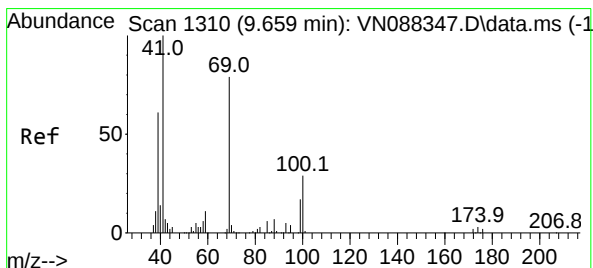
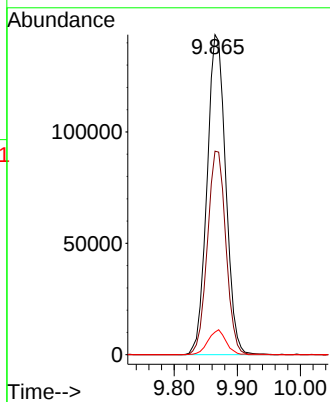
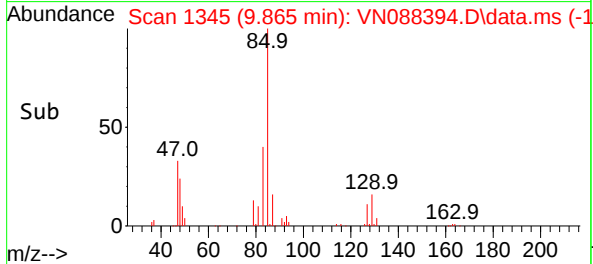
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



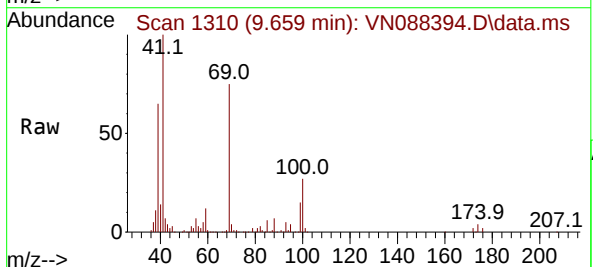
Tgt Ion: 83 Resp: 295192
Ion Ratio Lower Upper
83 100
85 63.6 51.9 77.9
127 7.0 6.3 9.5

Manual Integrations
APPROVED

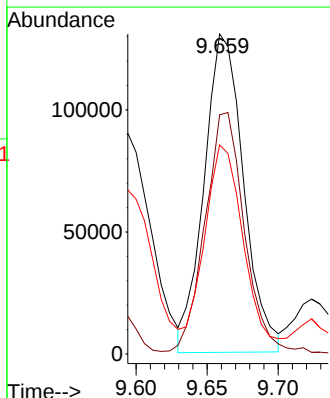
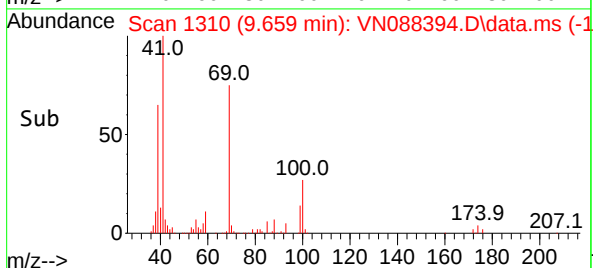
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

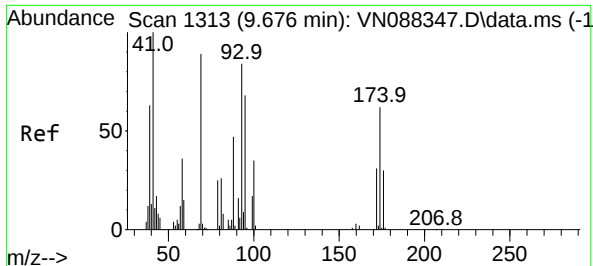


#48
Methyl methacrylate
Concen: 57.148 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01



Tgt Ion: 41 Resp: 252659
Ion Ratio Lower Upper
41 100
69 75.9 62.4 93.6
39 65.2 52.6 79.0





#49

1,4-Dioxane

Concen: 1124.656 ug/l

RT: 9.676 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

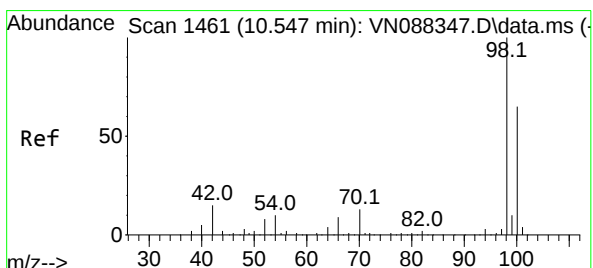
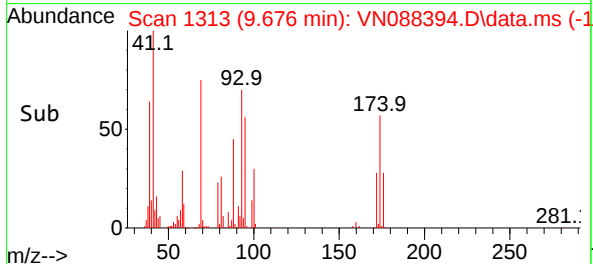
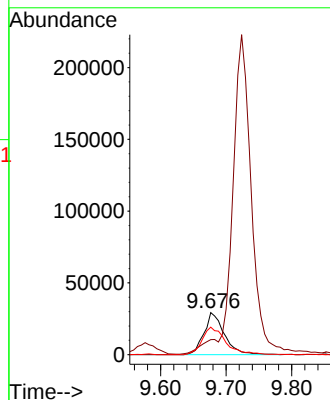
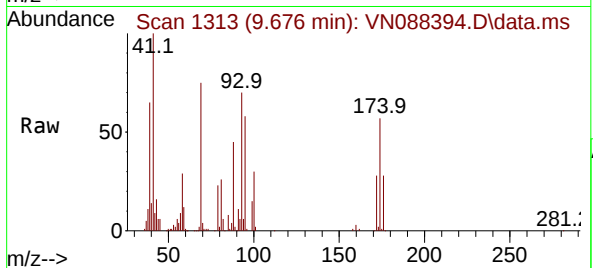
Tgt Ion: 88 Resp: 63234
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 75.7 62.0 93.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#50

Toluene-d8

Concen: 49.746 ug/l

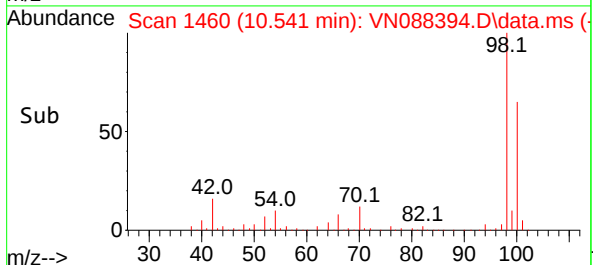
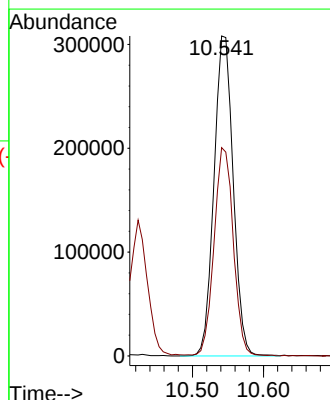
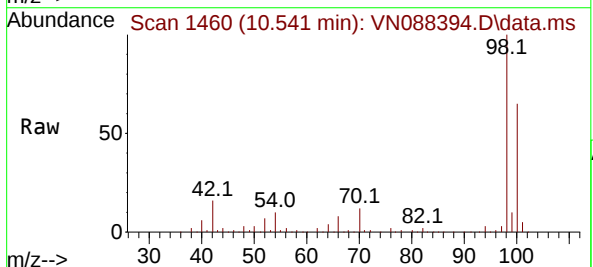
RT: 10.541 min Scan# 1460

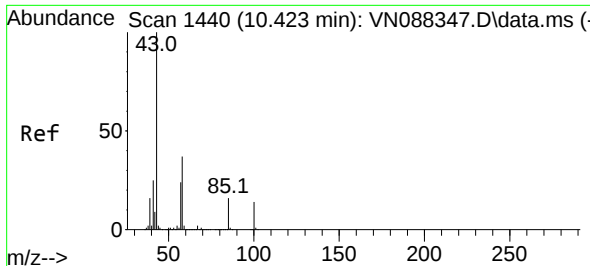
Delta R.T. -0.006 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

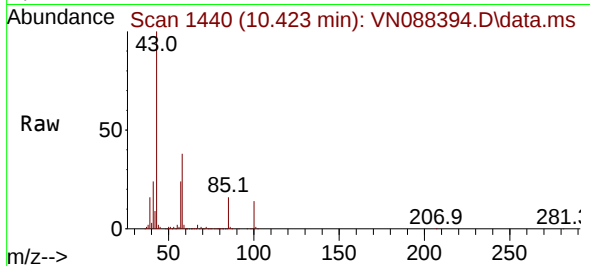
Tgt Ion: 98 Resp: 578462
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 293.831 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

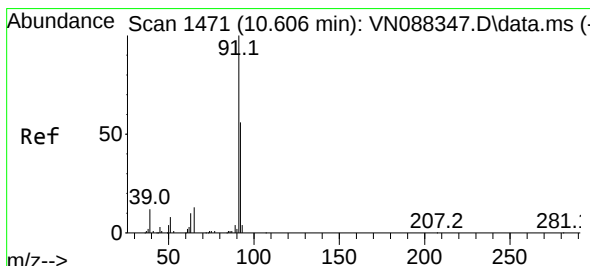
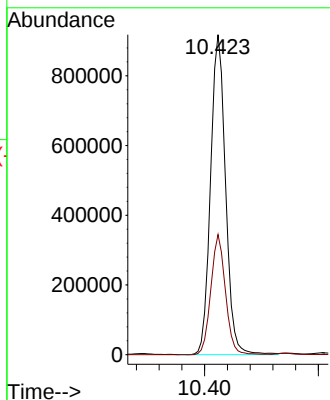
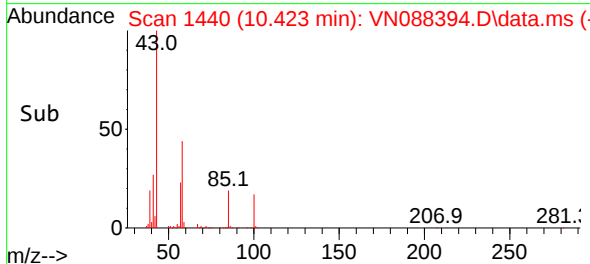
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



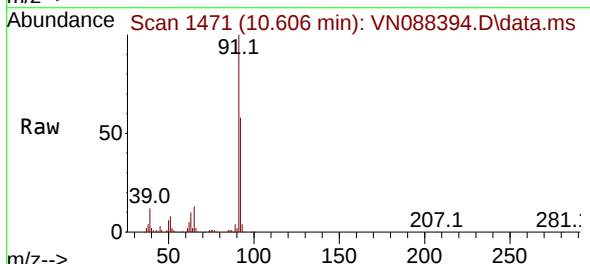
Tgt Ion: 43 Resp: 167820
Ion Ratio Lower Upper
43 100
58 36.5 29.1 43.7

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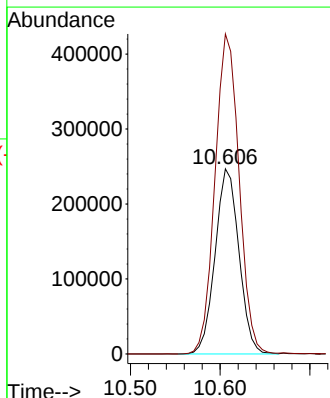
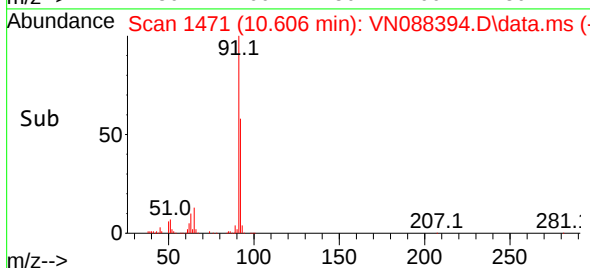
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

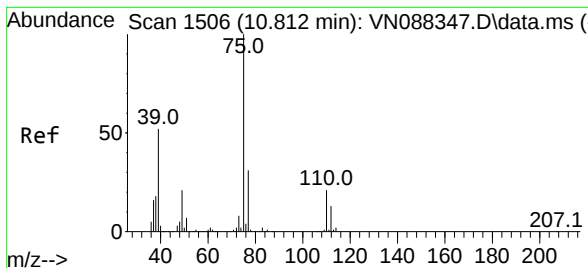


#52
Toluene
Concen: 55.666 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01



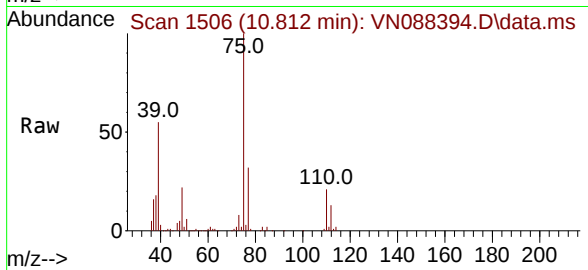
Tgt Ion: 92 Resp: 455018
Ion Ratio Lower Upper
92 100
91 175.2 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 55.072 ug/l
RT: 10.812 min Scan# 1506
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

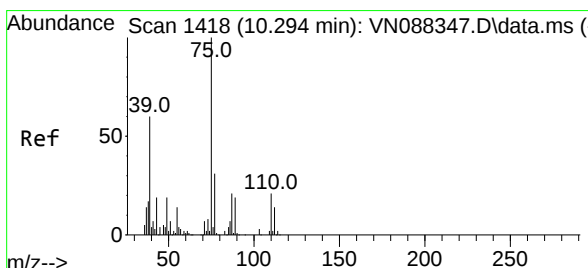
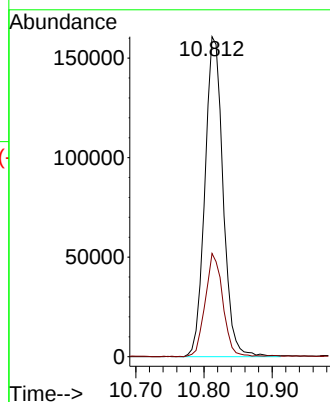
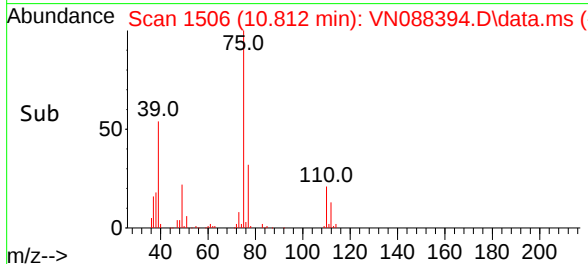
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



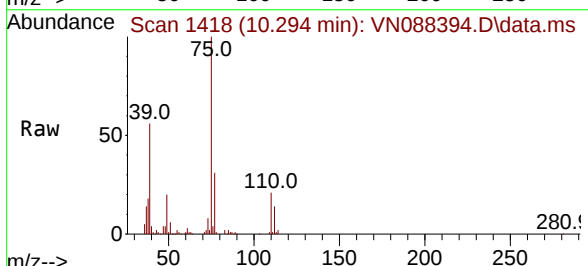
Tgt Ion: 75 Resp: 298548
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2

Manual Integrations
APPROVED

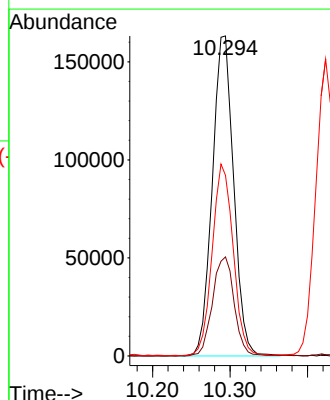
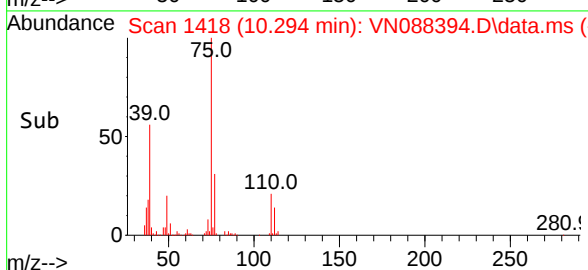
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

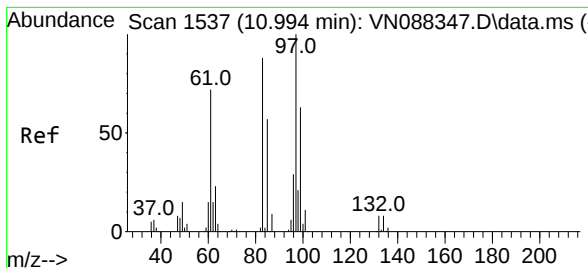


#54
cis-1,3-Dichloropropene
Concen: 54.906 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01



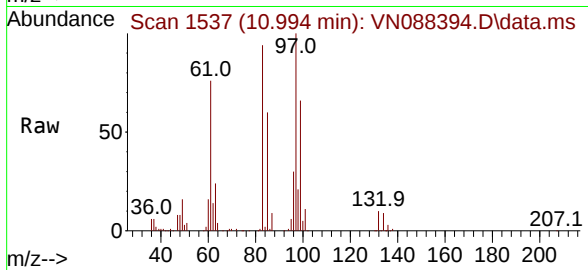
Tgt Ion: 75 Resp: 313016
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7
39 56.3 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 54.706 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

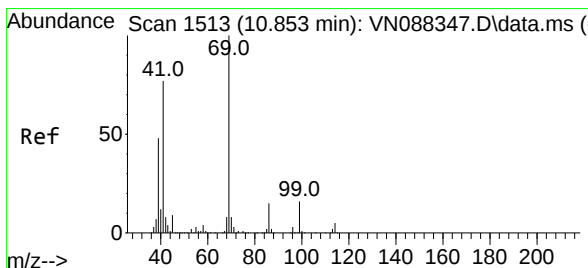
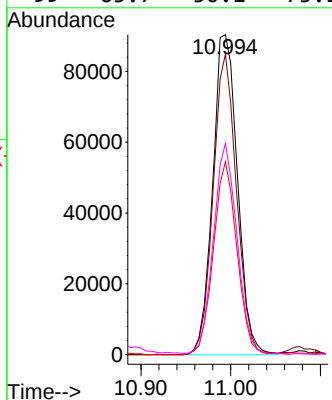
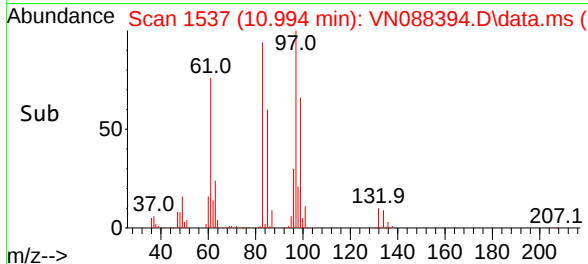
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 173012
Ion Ratio Lower Upper
97 100
83 93.9 70.4 105.6
85 60.3 45.4 68.2
99 65.7 50.1 75.1

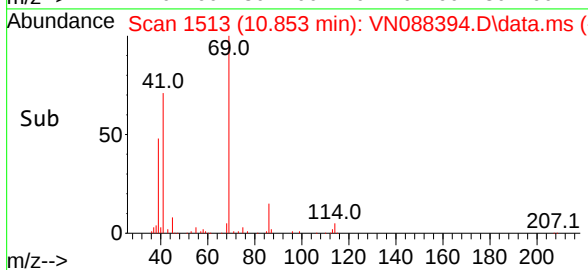
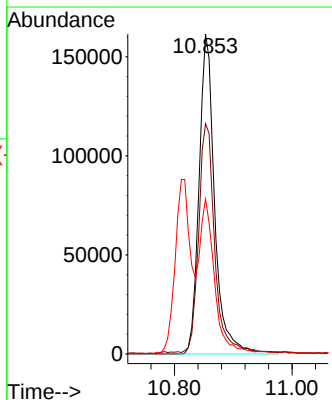
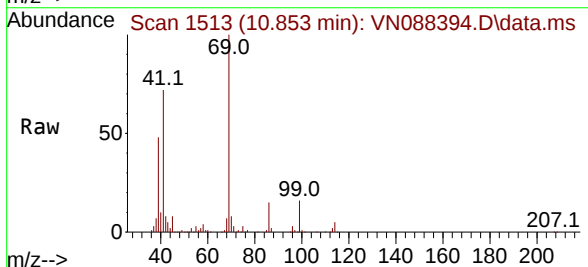
Manual Integrations
APPROVED

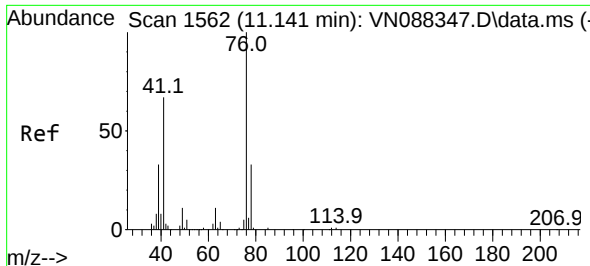
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#56
Ethyl methacrylate
Concen: 59.708 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

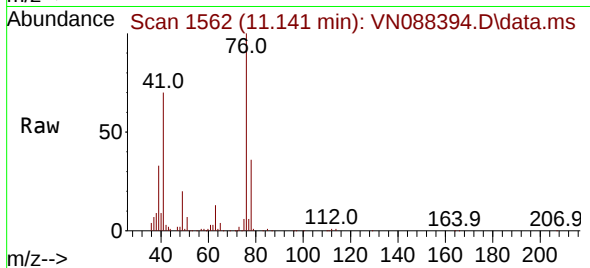
Tgt Ion: 69 Resp: 298277
Ion Ratio Lower Upper
69 100
41 73.2 59.6 89.4
39 44.6 36.4 54.6





#57
1,3-Dichloropropane
Concen: 54.898 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

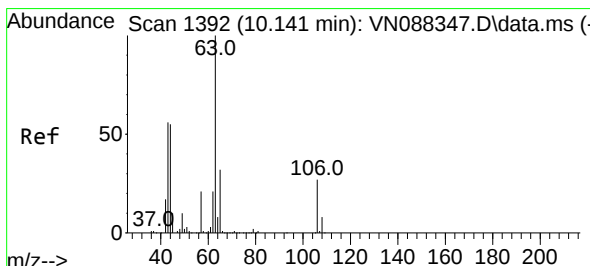
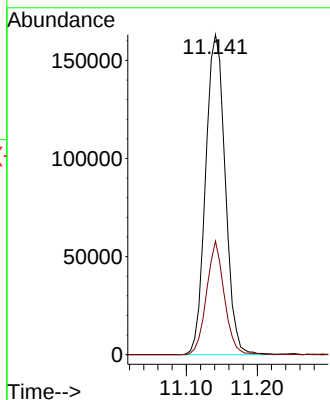
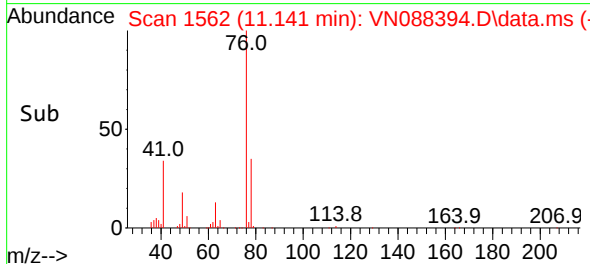
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 313209
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4

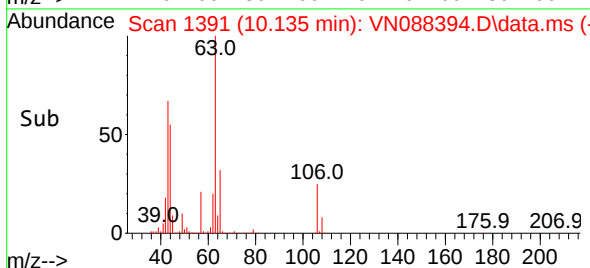
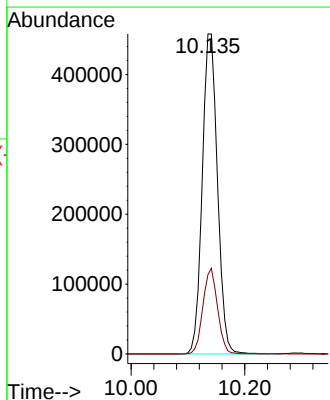
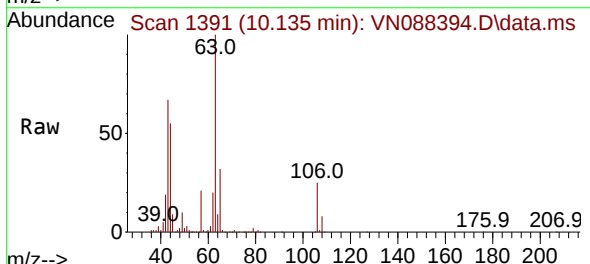
Manual Integrations
APPROVED

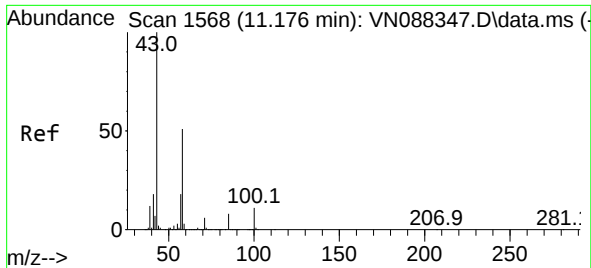
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#58
2-Chloroethyl Vinyl ether
Concen: 294.909 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

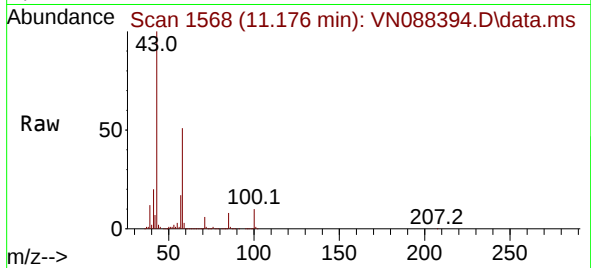
Tgt Ion: 63 Resp: 849351
Ion Ratio Lower Upper
63 100
106 25.6 20.5 30.7





#59
2-Hexanone
Concen: 315.614 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

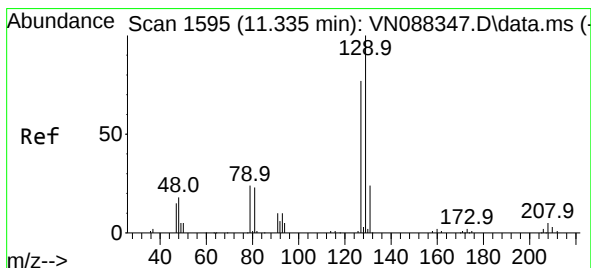
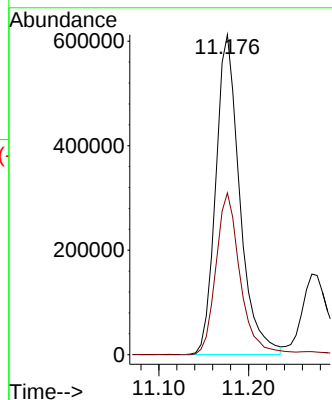
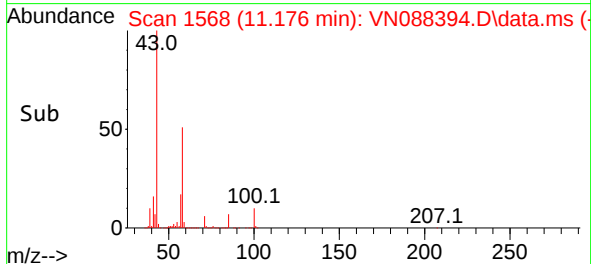
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 113556
Ion Ratio Lower Upper
43 100
58 51.1 25.3 75.9

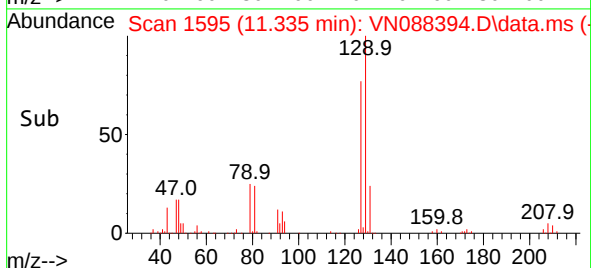
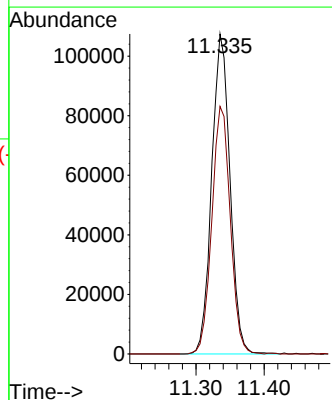
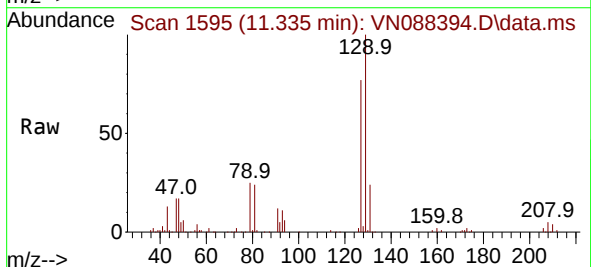
Manual Integrations
APPROVED

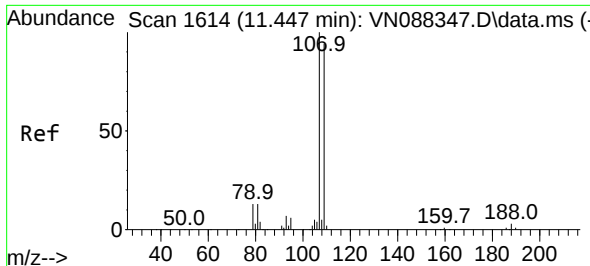
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#60
Dibromochloromethane
Concen: 55.592 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

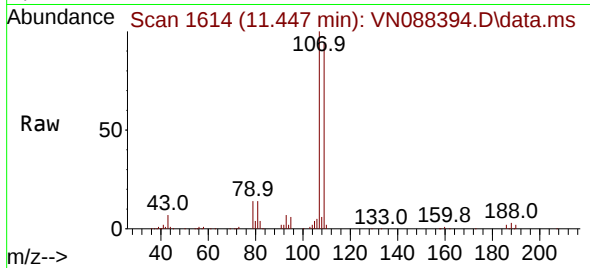
Tgt Ion:129 Resp: 200424
Ion Ratio Lower Upper
129 100
127 78.2 38.2 114.6





#61
1,2-Dibromoethane
Concen: 54.980 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

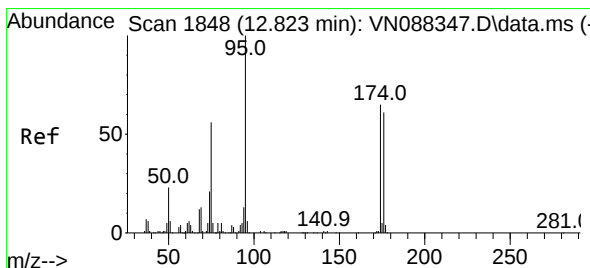
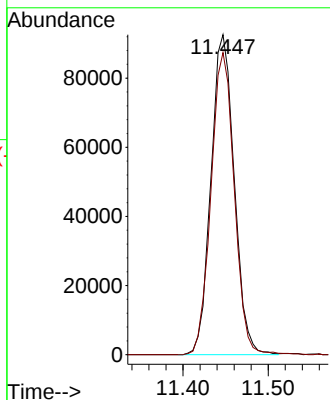
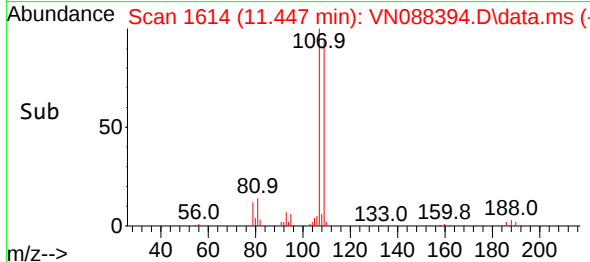
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



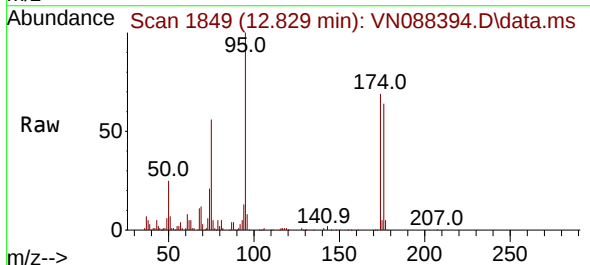
Tgt Ion:107 Resp: 17607
Ion Ratio Lower Upper
107 100
109 94.3 74.6 112.0

Manual Integrations
APPROVED

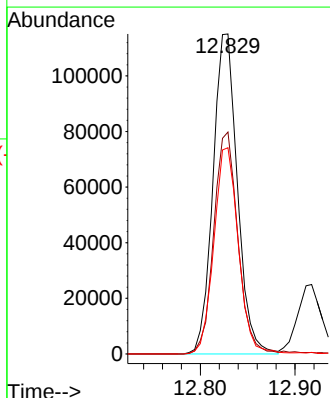
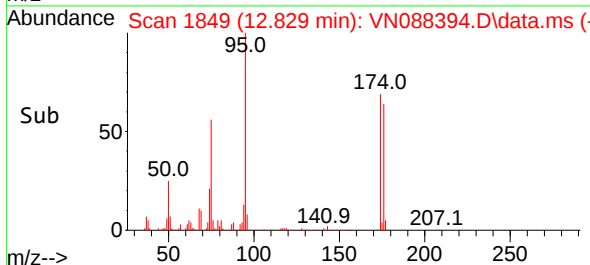
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

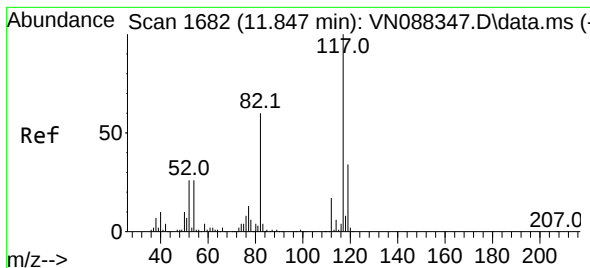


#62
4-Bromofluorobenzene
Concen: 51.789 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01



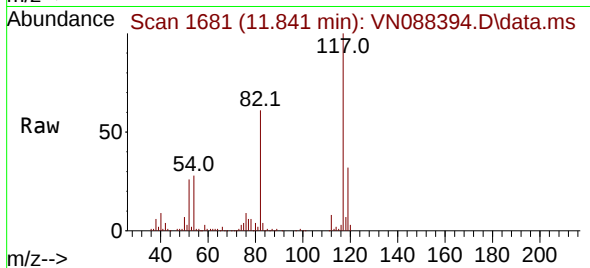
Tgt Ion: 95 Resp: 206631
Ion Ratio Lower Upper
95 100
174 68.1 0.0 139.0
176 64.6 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

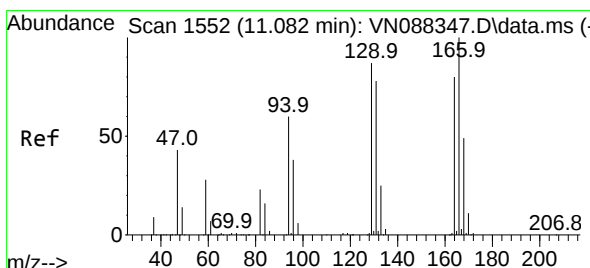
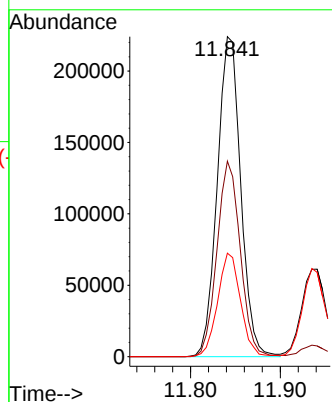
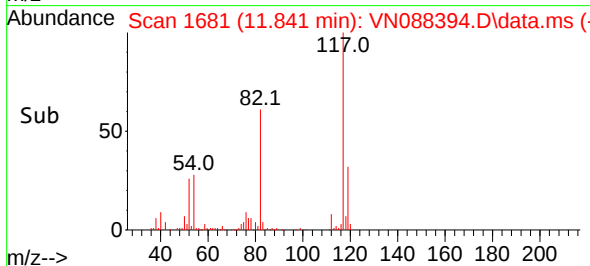
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 407920
Ion Ratio Lower Upper
117 100
82 61.1 47.8 71.8
119 32.4 26.9 40.3

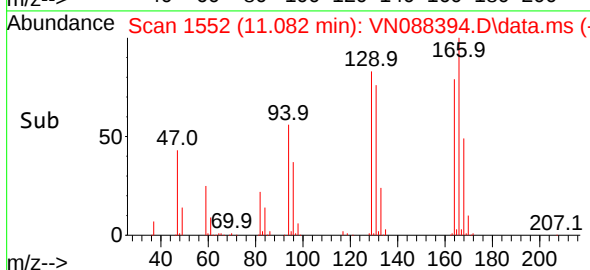
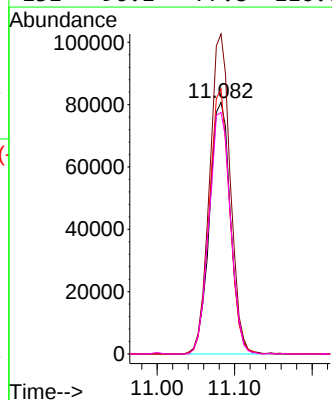
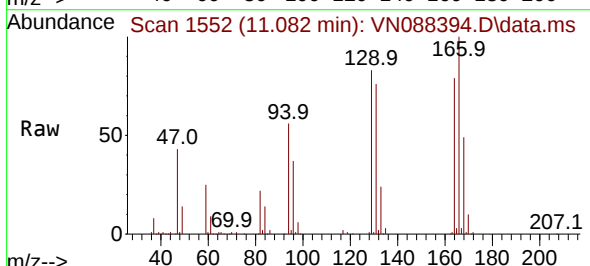
Manual Integrations
APPROVED

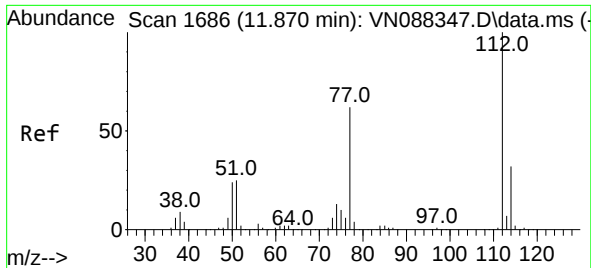
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#64
Tetrachloroethene
Concen: 47.082 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

Tgt Ion:164 Resp: 152255
Ion Ratio Lower Upper
164 100
166 127.2 99.6 149.4
129 105.3 86.6 129.8
131 96.1 77.8 116.6





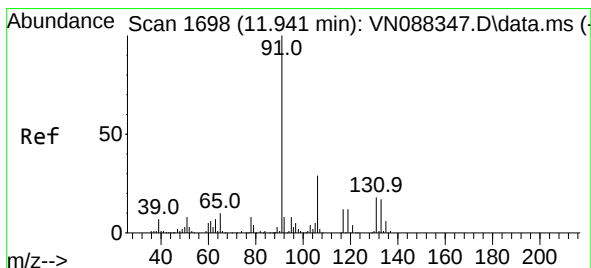
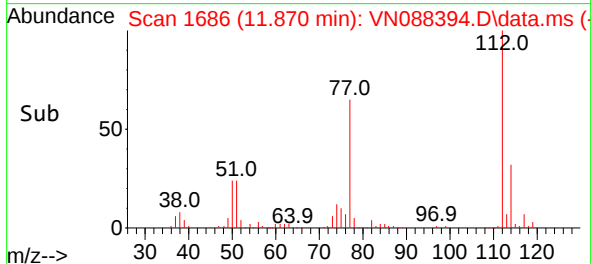
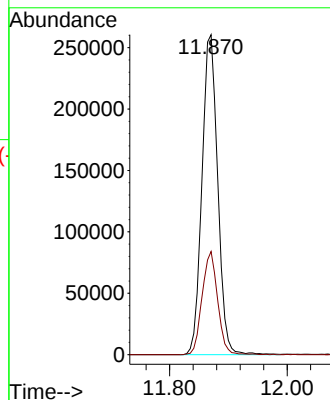
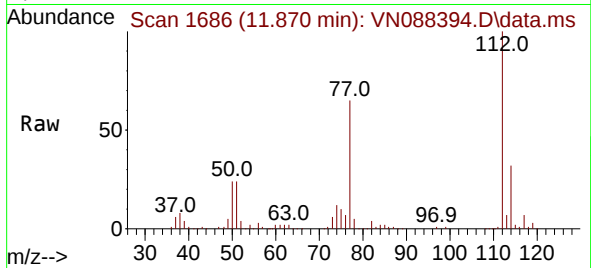
#65
Chlorobenzene
Concen: 52.998 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 485608
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2

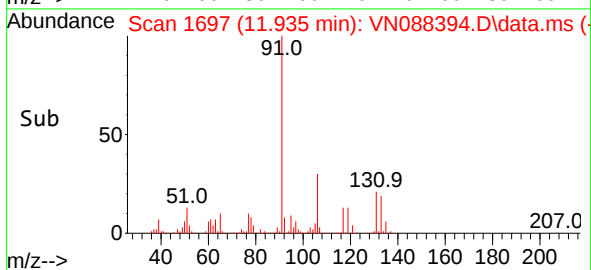
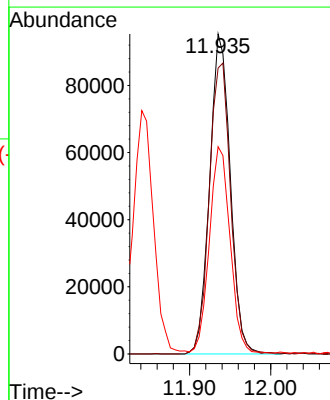
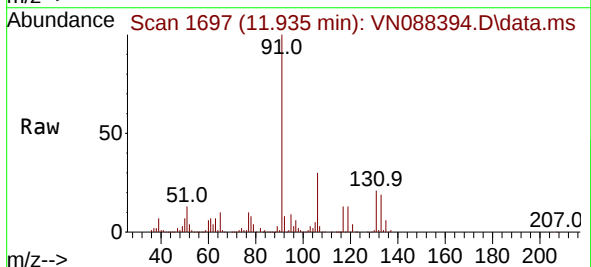
Manual Integrations
APPROVED

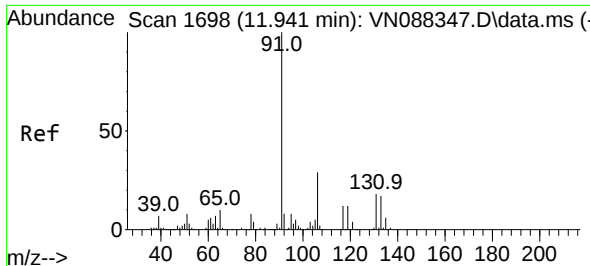
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 54.444 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

Tgt Ion:131 Resp: 168248
Ion Ratio Lower Upper
131 100
133 94.4 47.4 142.2
119 64.7 33.4 100.1





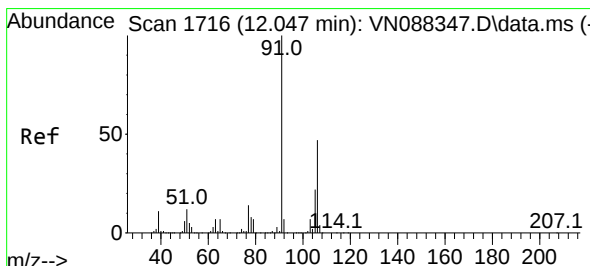
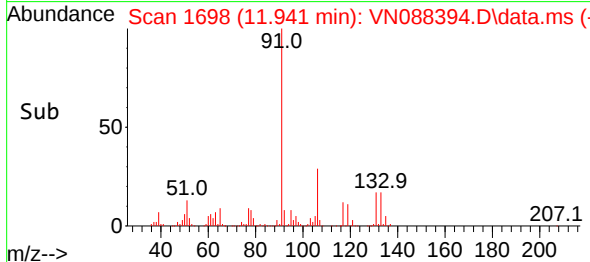
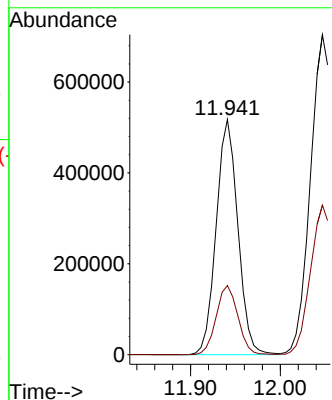
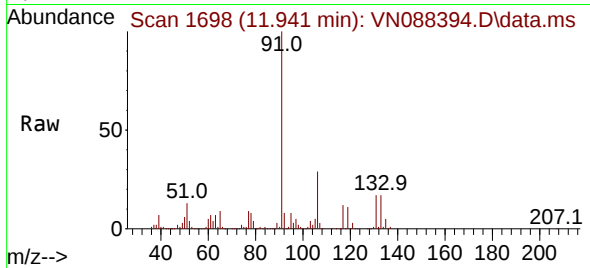
#67
Ethyl Benzene
Concen: 54.260 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 86895
Ion Ratio Lower Upper
91 100
106 29.4 23.6 35.4

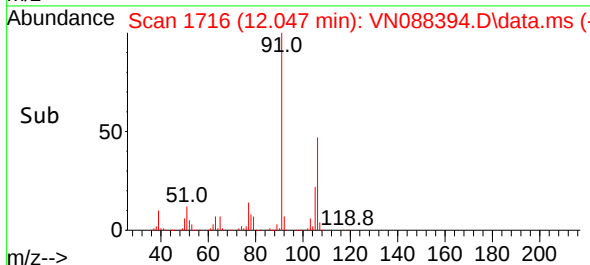
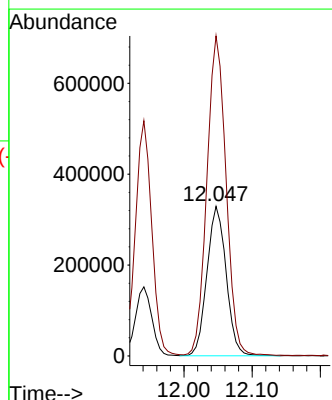
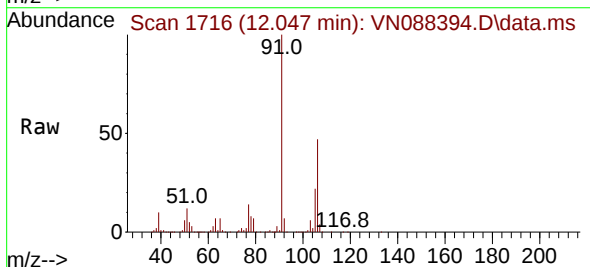
Manual Integrations
APPROVED

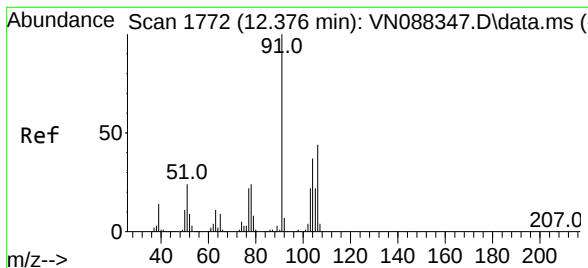
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#68
m/p-Xylenes
Concen: 108.634 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

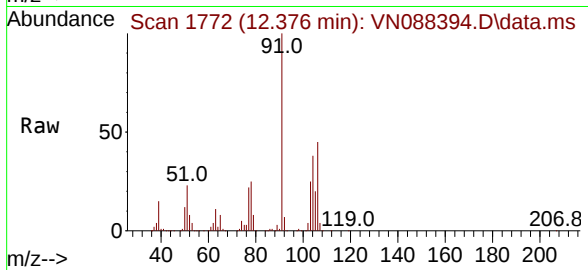
Tgt Ion:106 Resp: 645030
Ion Ratio Lower Upper
106 100
91 213.5 167.8 251.6





#69
o-Xylene
Concen: 54.953 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

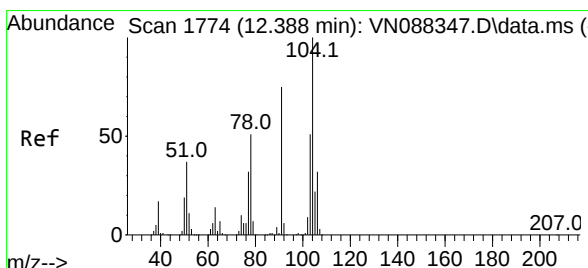
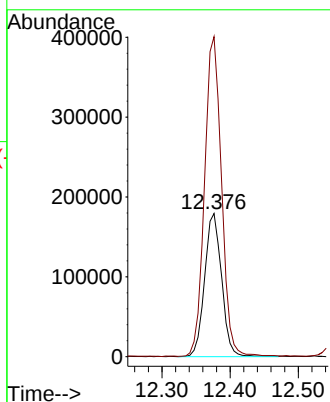
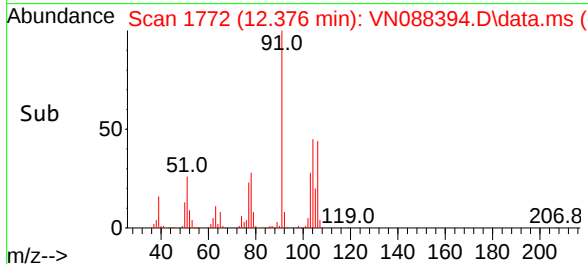
Instrument :
MSVOA_N
ClientSampleId :
VSTDC050EC



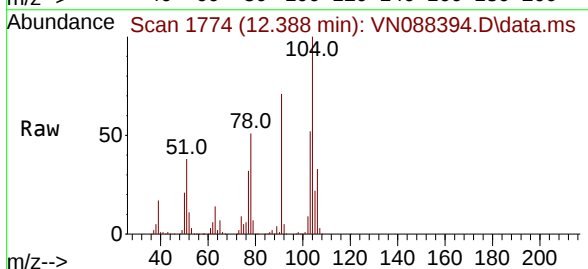
Tgt Ion:106 Resp: 311073
Ion Ratio Lower Upper
106 100
91 223.2 112.9 338.7

Manual Integrations
APPROVED

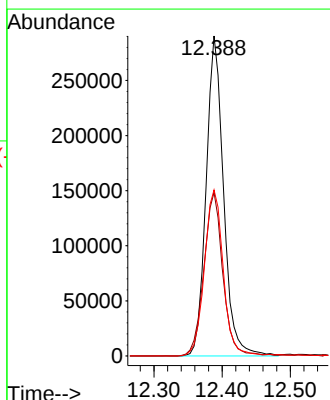
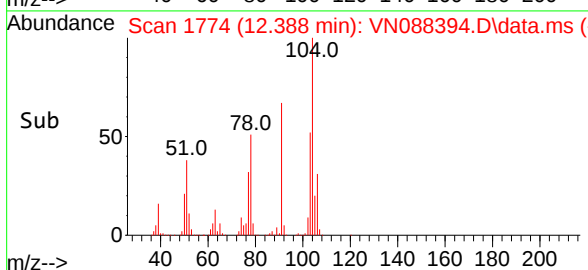
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

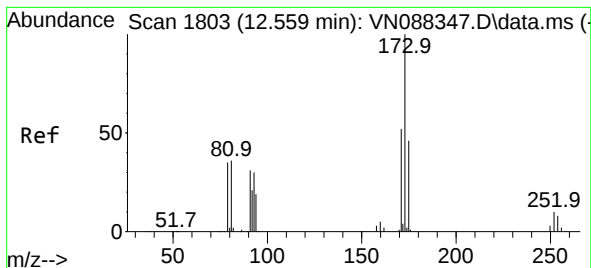


#70
Styrene
Concen: 56.339 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01



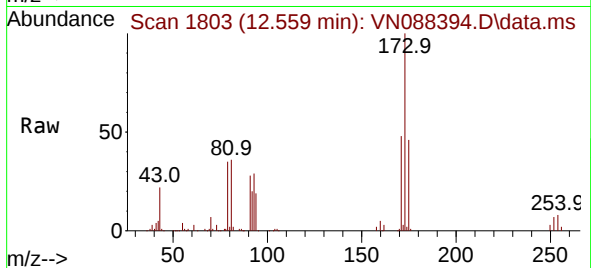
Tgt Ion:104 Resp: 517835
Ion Ratio Lower Upper
104 100
78 55.6 44.3 66.5
103 56.0 44.2 66.4





#71
Bromoform
Concen: 55.719 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

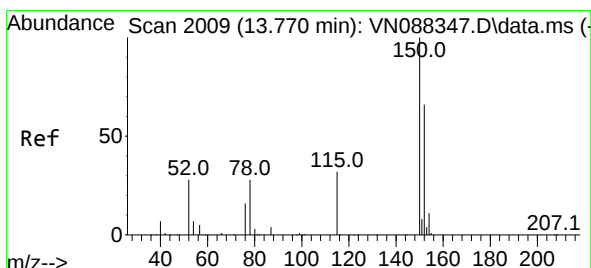
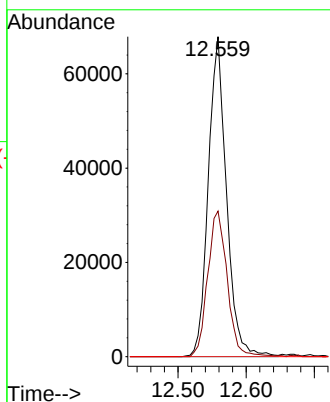
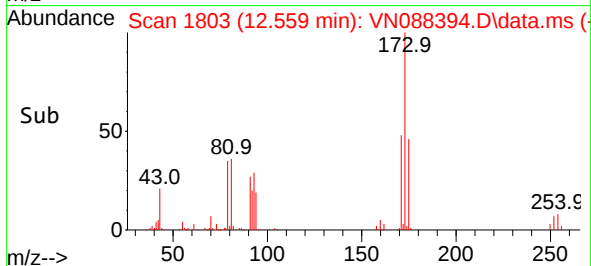
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



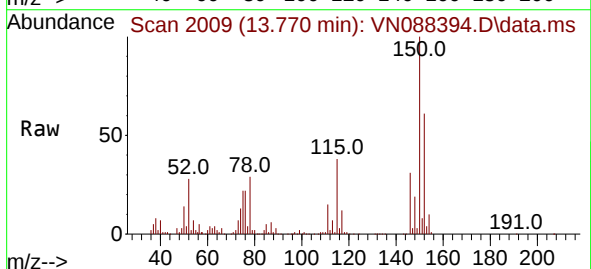
Tgt Ion:173 Resp: 12612
Ion Ratio Lower Upper
173 100
175 48.9 23.9 71.8
254 0.0 0.1 0.1

Manual Integrations
APPROVED

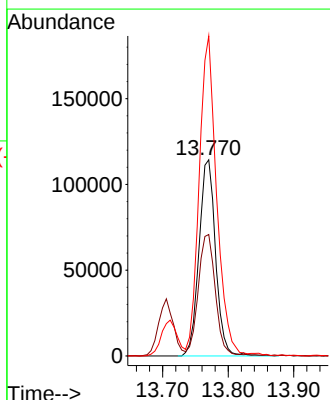
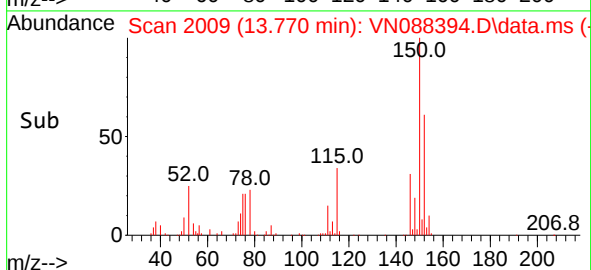
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

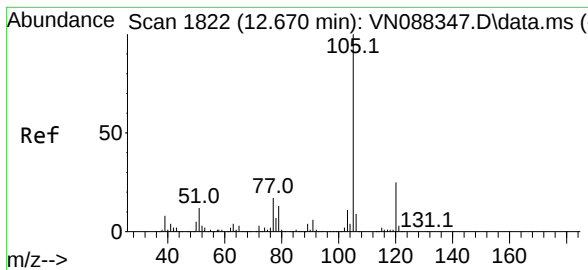


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01



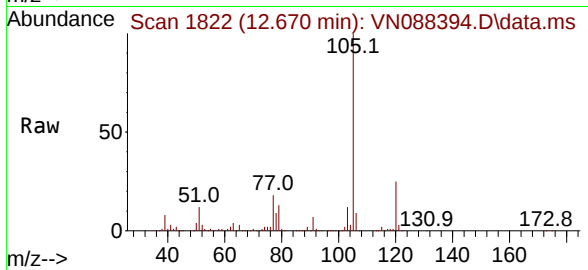
Tgt Ion:152 Resp: 202162
Ion Ratio Lower Upper
152 100
115 64.3 33.0 98.9
150 171.1 0.0 349.0





#73
Isopropylbenzene
Concen: 53.343 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

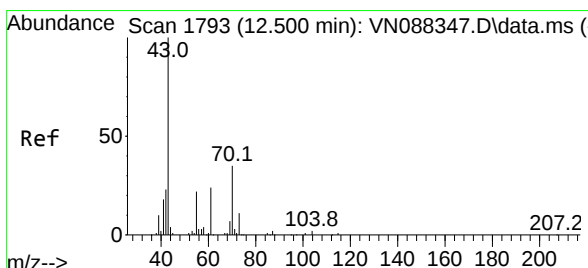
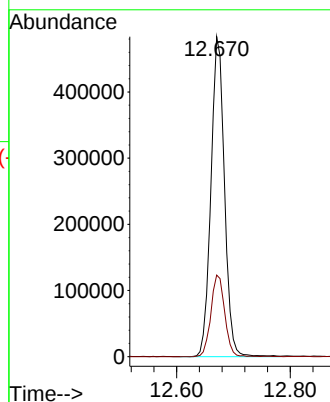
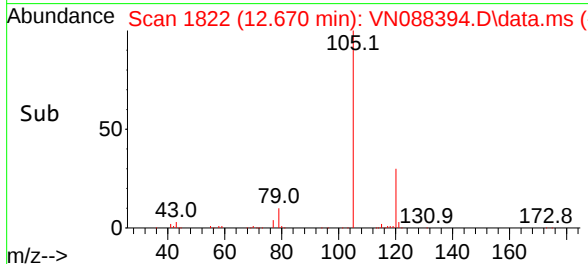
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



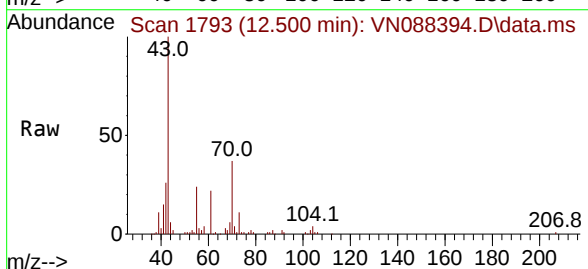
Tgt Ion:105 Resp: 797342
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.3

Manual Integrations
APPROVED

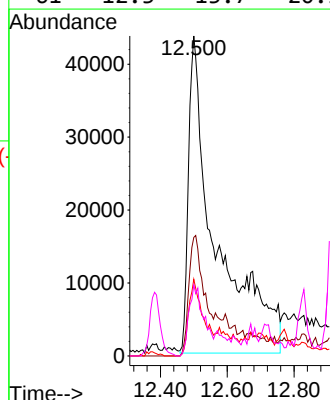
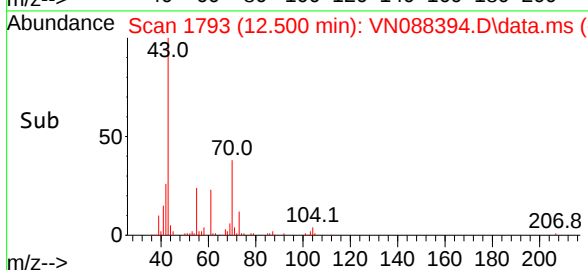
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

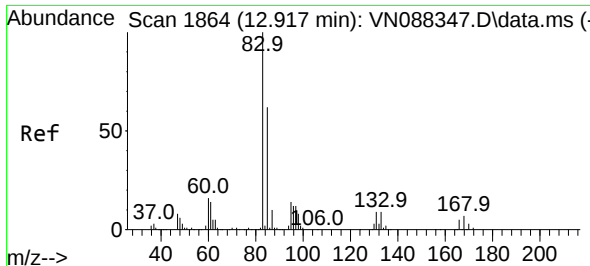


#74
N-ethyl acetate
Concen: 48.943 ug/l m
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01



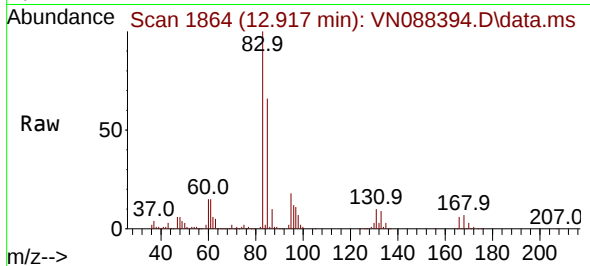
Tgt Ion: 43 Resp: 249146
Ion Ratio Lower Upper
43 100
70 21.3 28.3 42.5#
55 12.8 17.7 26.5#
61 12.3 13.7 20.5#





#75
1,1,2,2-Tetrachloroethane
Concen: 51.487 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

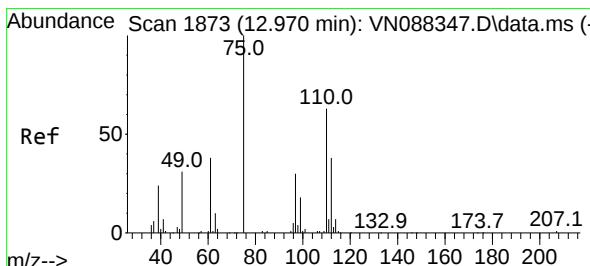
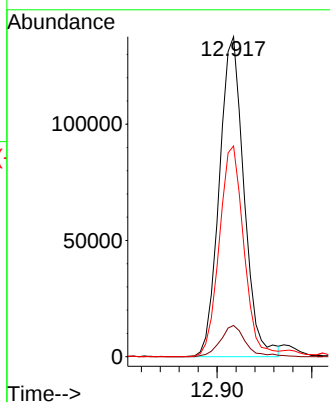
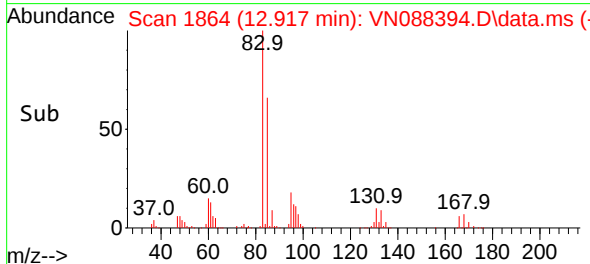
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



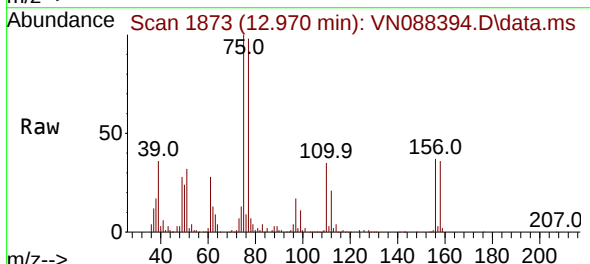
Tgt Ion: 83 Resp: 248802
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 65.6 32.1 96.5

Manual Integrations
APPROVED

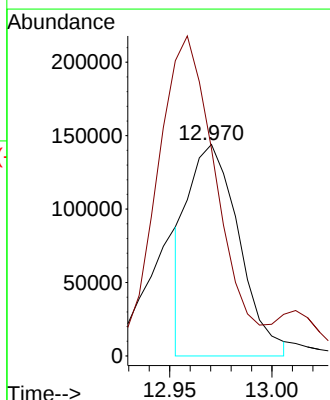
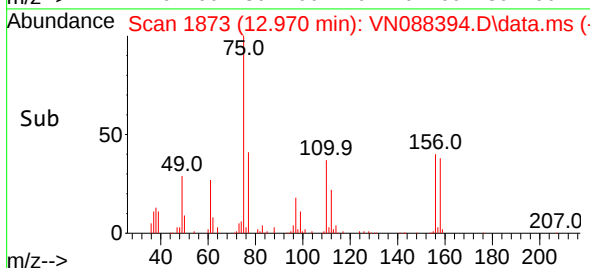
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

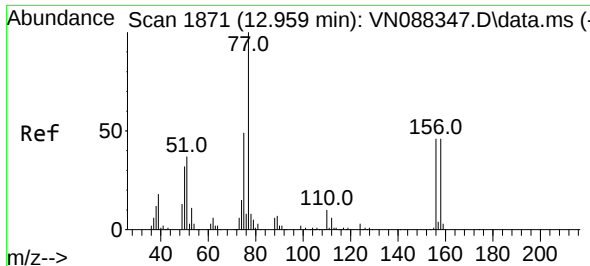


#76
1,2,3-Trichloropropane
Concen: 52.510 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01



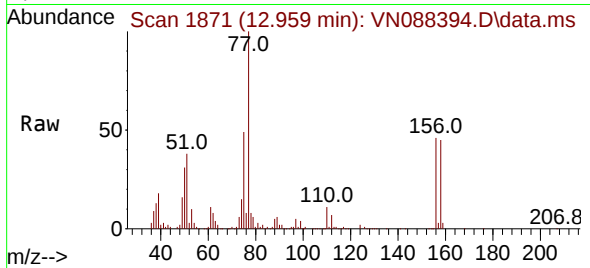
Tgt Ion: 75 Resp: 248633
Ion Ratio Lower Upper
75 100
77 177.3 87.2 261.6





#77
Bromobenzene
Concen: 53.415 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

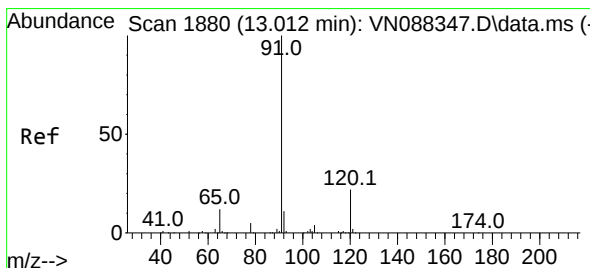
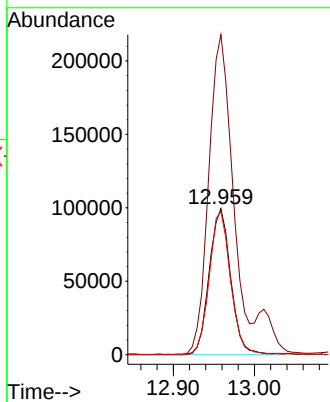
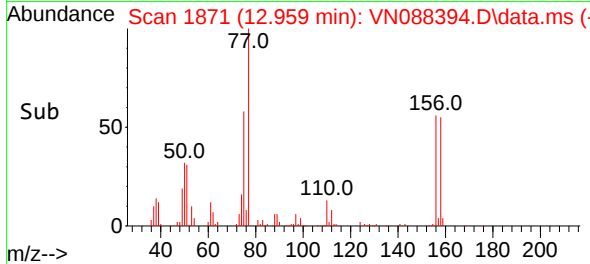
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



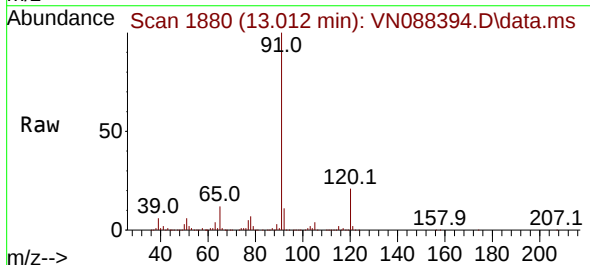
Tgt Ion:156 Resp: 18268
Ion Ratio Lower Upper
156 100
77 241.3 121.6 364.7
158 97.0 48.6 145.8

Manual Integrations
APPROVED

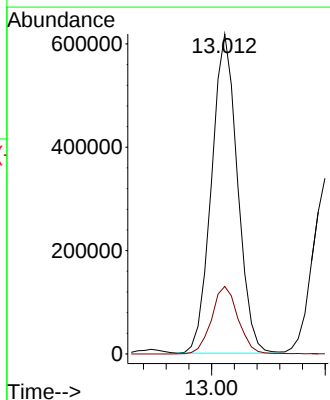
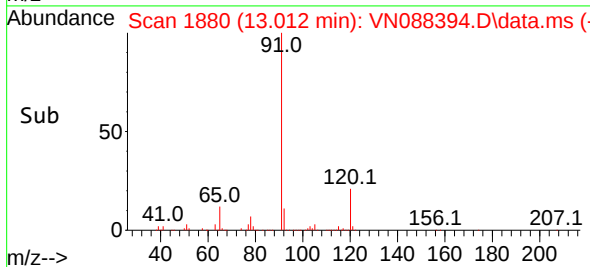
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

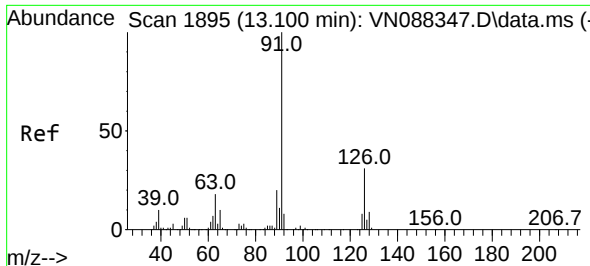


#78
n-propylbenzene
Concen: 53.591 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01



Tgt Ion: 91 Resp: 979990
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.6





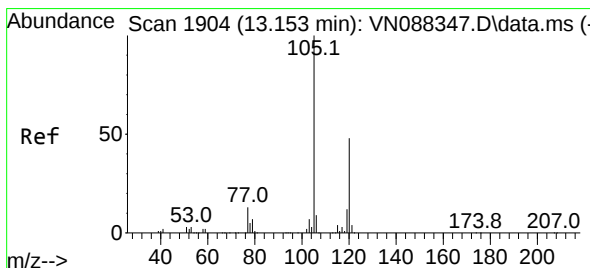
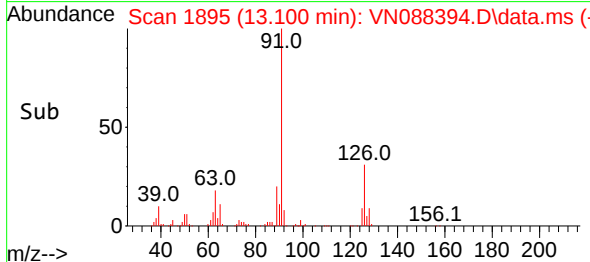
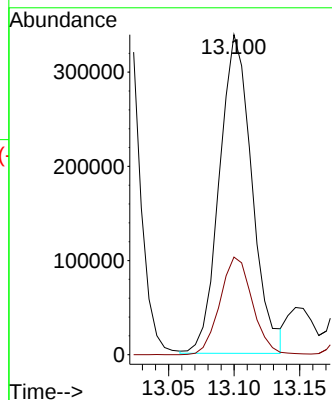
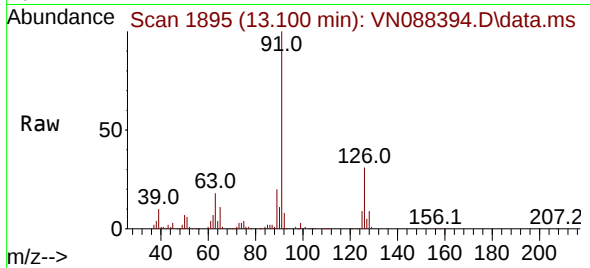
#79
2-Chlorotoluene
Concen: 52.291 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 58393
Ion Ratio Lower Upper
91 100
126 30.6 15.3 45.9

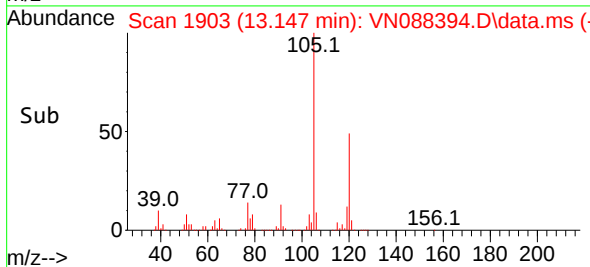
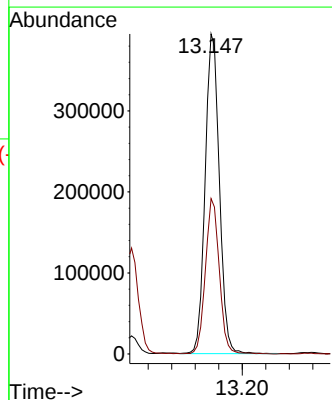
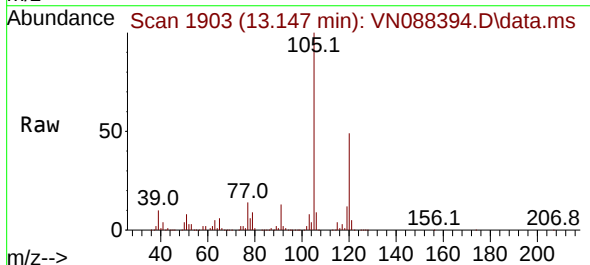
Manual Integrations
APPROVED

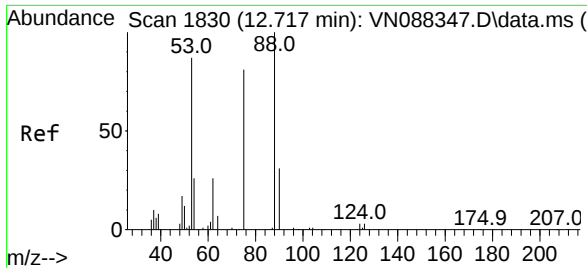
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.380 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

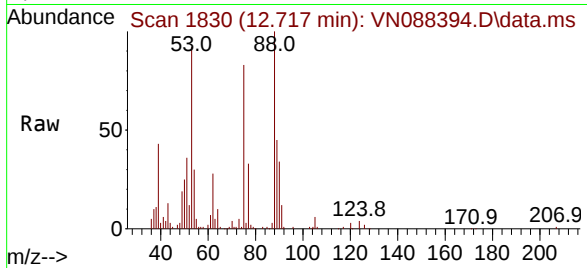
Tgt Ion:105 Resp: 661166
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 50.505 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

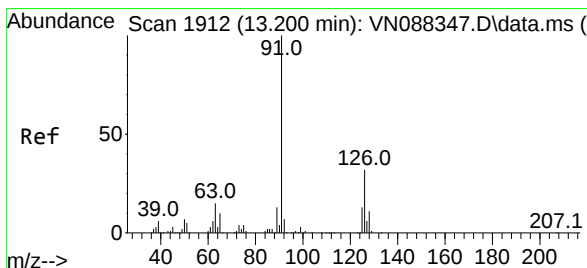
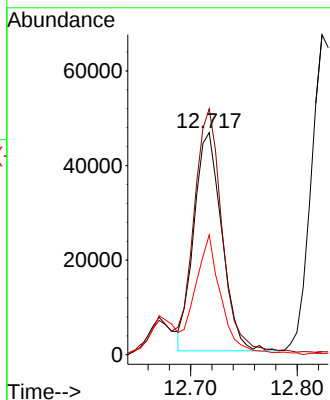
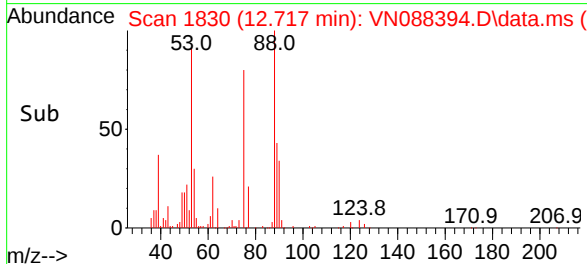
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



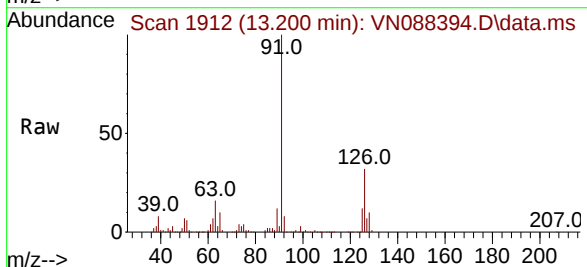
Tgt Ion: 75 Resp: 84290
Ion Ratio Lower Upper
75 100
53 114.4 92.2 138.4
89 51.9 0.0 0.0

Manual Integrations
APPROVED

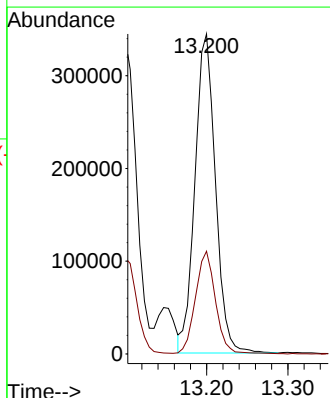
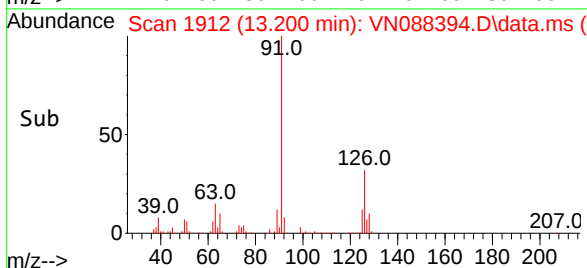
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

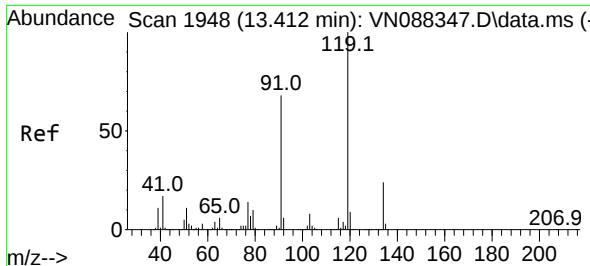


#82
4-Chlorotoluene
Concen: 54.291 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01



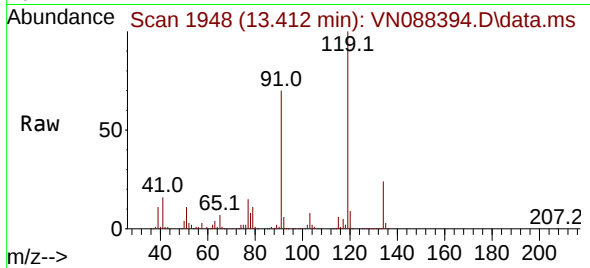
Tgt Ion: 91 Resp: 602162
Ion Ratio Lower Upper
91 100
126 31.7 15.6 46.7





#83
tert-Butylbenzene
Concen: 53.028 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

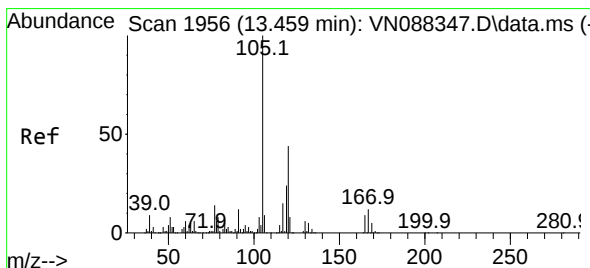
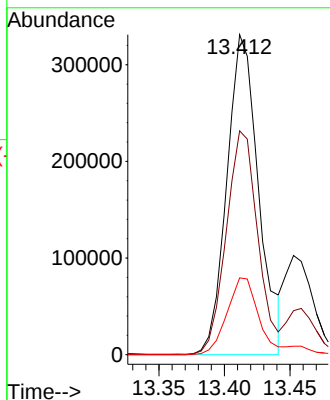
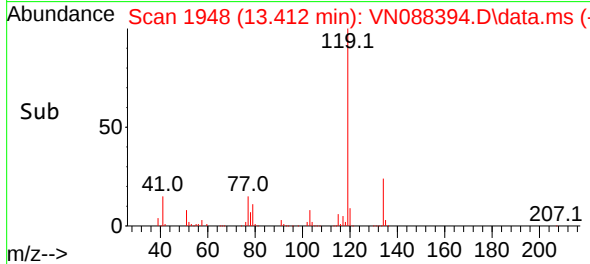
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 558349
Ion Ratio Lower Upper
119 100
91 69.2 35.1 105.3
134 25.8 12.8 38.4

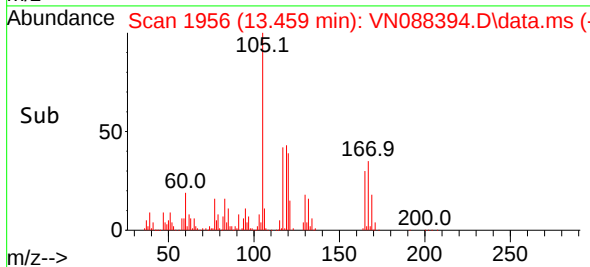
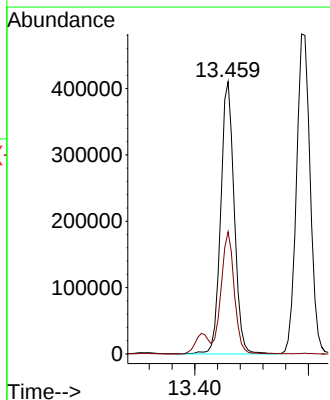
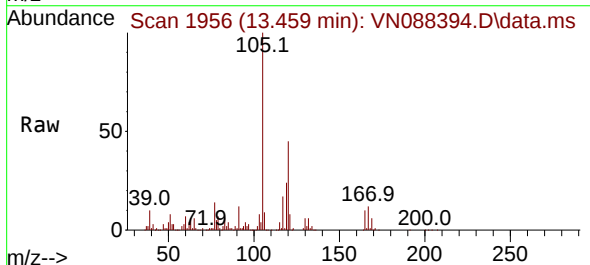
Manual Integrations
APPROVED

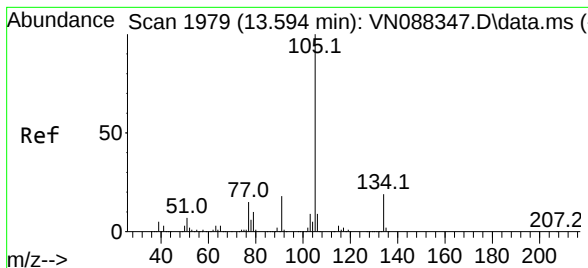
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#84
1,2,4-Trimethylbenzene
Concen: 55.209 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

Tgt Ion:105 Resp: 679700
Ion Ratio Lower Upper
105 100
120 43.2 22.1 66.1





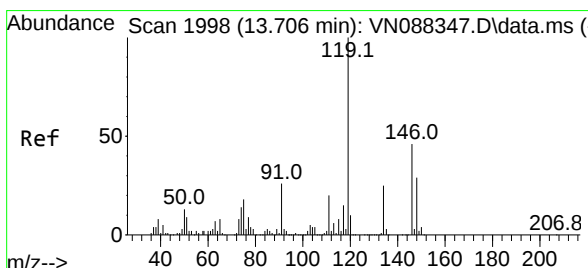
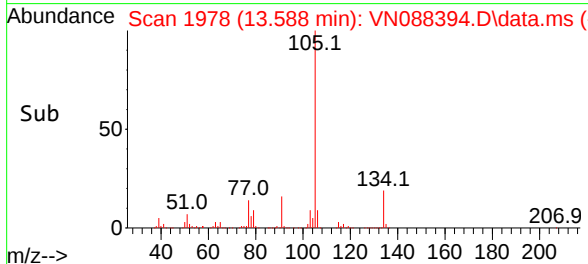
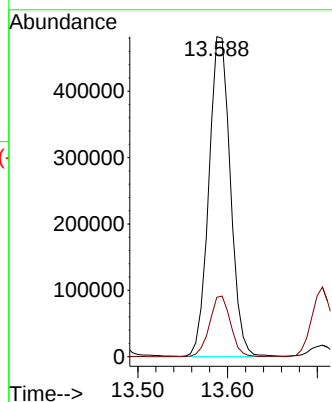
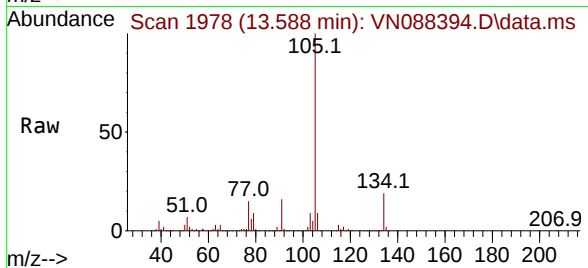
#85
 sec-Butylbenzene
 Concen: 53.133 ug/l
 RT: 13.588 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VN088394.D
 Acq: 01 Dec 2025 19:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 803702
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.5 28.5

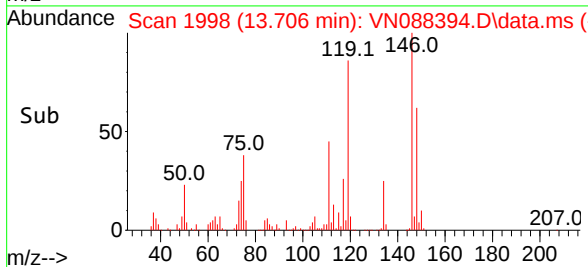
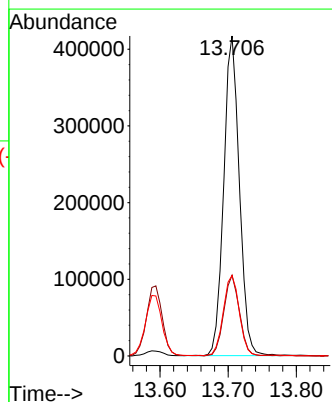
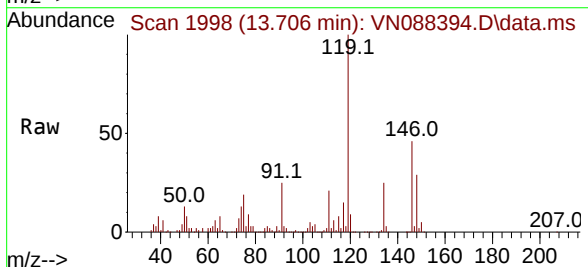
Manual Integrations
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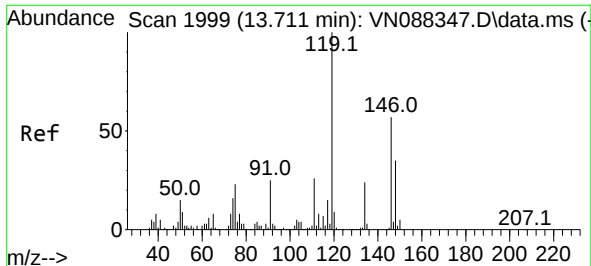
Reviewed By :John Carlone 12/02/2025
 Supervised By :Mahesh Dadoda 12/02/2025



#86
 p-Isopropyltoluene
 Concen: 53.654 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088394.D
 Acq: 01 Dec 2025 19:01

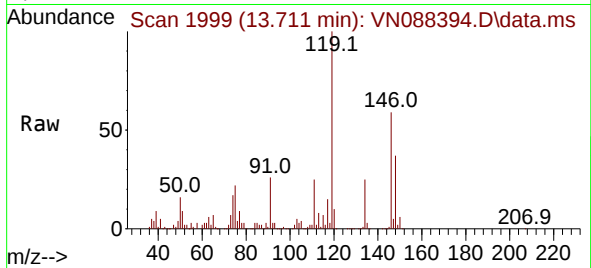
Tgt Ion:119 Resp: 665506
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.2 36.6
 91 25.5 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 52.686 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

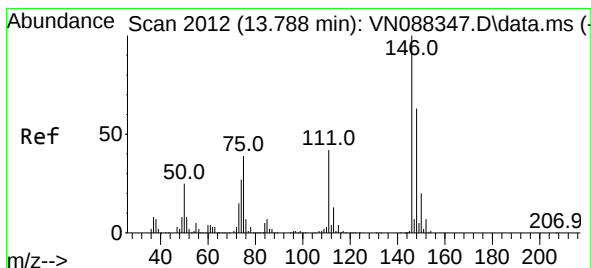
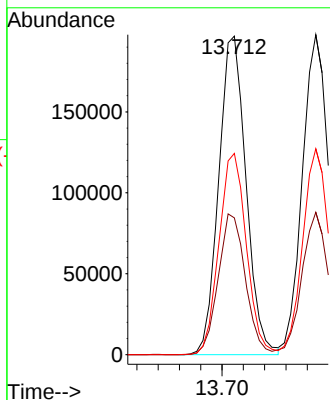
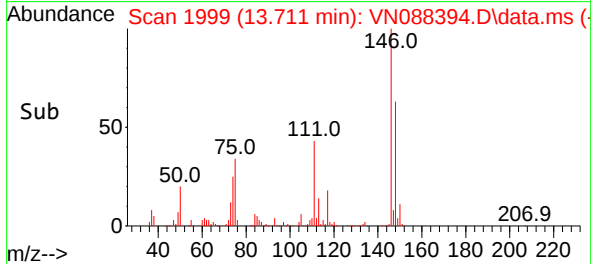
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



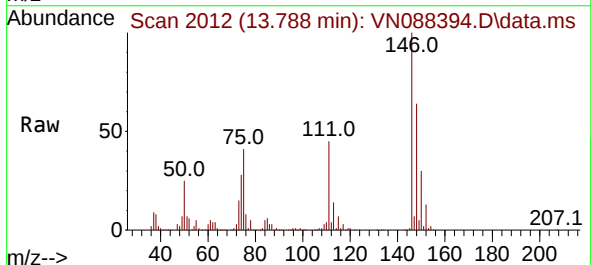
Tgt Ion:146 Resp: 350760
Ion Ratio Lower Upper
146 100
111 43.9 22.4 67.0
148 63.4 31.6 94.8

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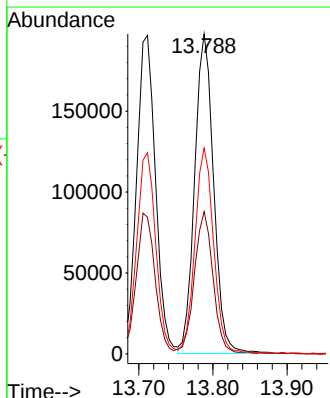
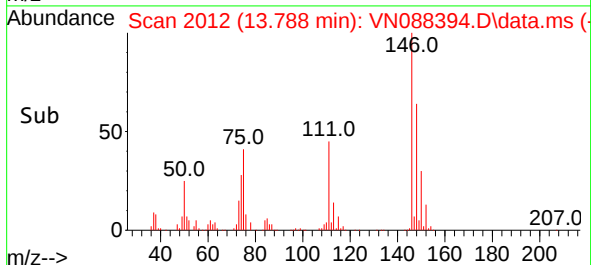
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

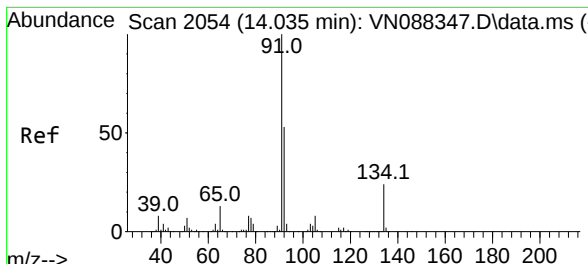


#88
1,4-Dichlorobenzene
Concen: 50.304 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01



Tgt Ion:146 Resp: 350813
Ion Ratio Lower Upper
146 100
111 44.3 21.6 64.6
148 63.6 31.0 93.0





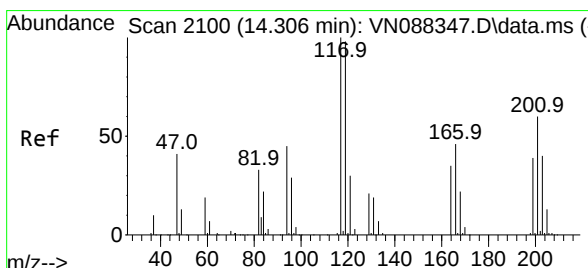
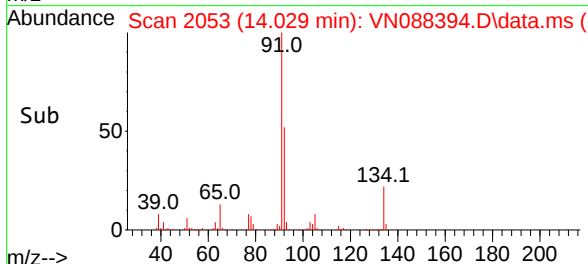
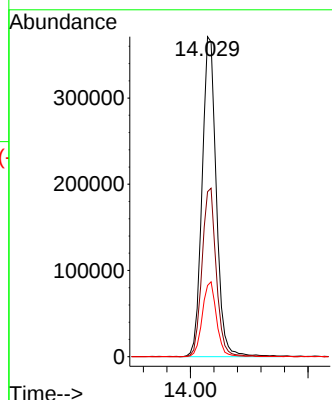
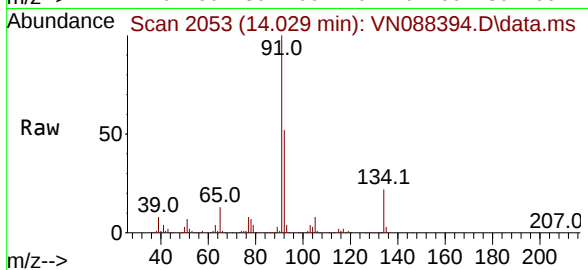
#89
n-Butylbenzene
Concen: 51.753 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 62327
Ion Ratio Lower Upper
91 100
92 52.9 26.1 78.3
134 23.5 11.7 35.1

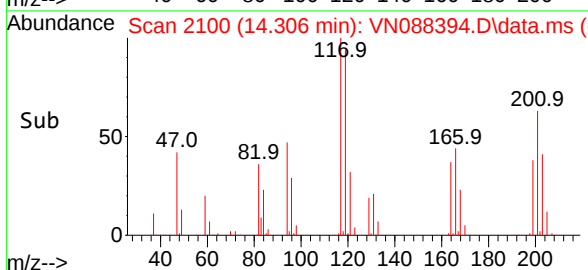
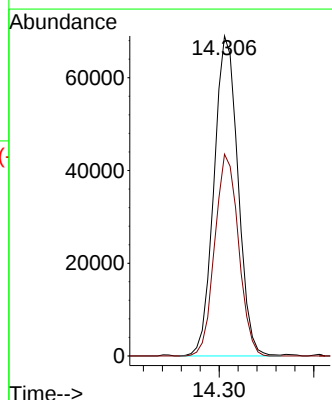
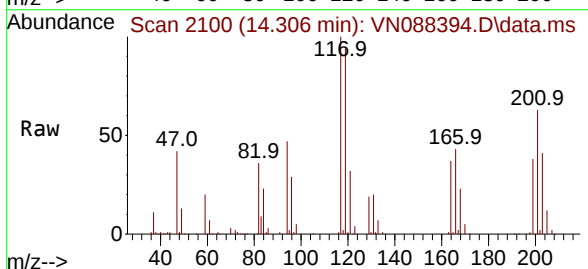
Manual Integrations
APPROVED

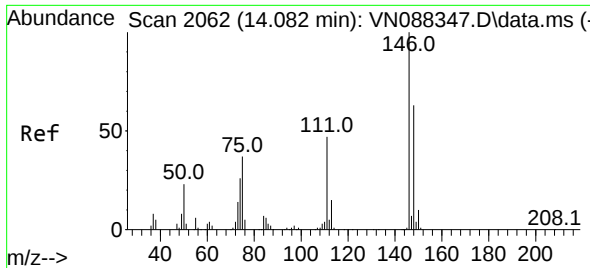
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#90
Hexachloroethane
Concen: 53.572 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

Tgt Ion:117 Resp: 121388
Ion Ratio Lower Upper
117 100
201 62.4 30.3 90.9





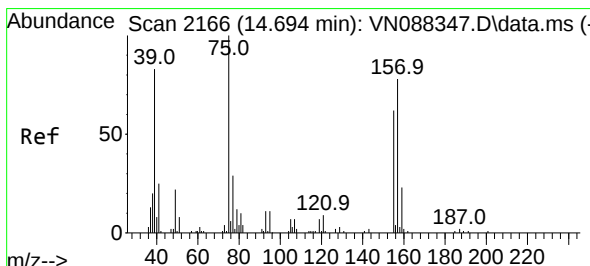
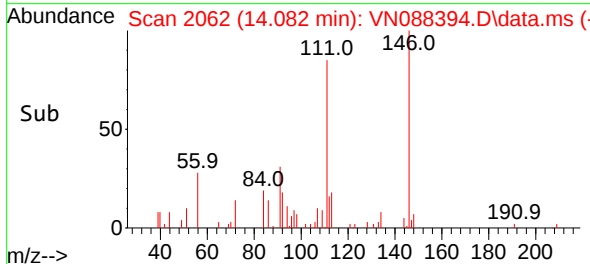
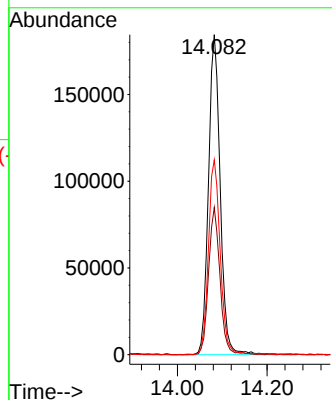
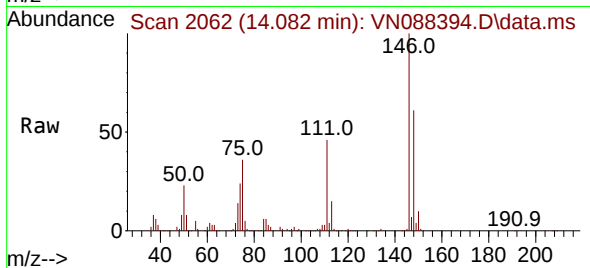
#91
1,2-Dichlorobenzene
Concen: 53.427 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 33472
Ion Ratio Lower Upper
146 100
111 44.9 23.3 69.9
148 61.0 31.8 95.4

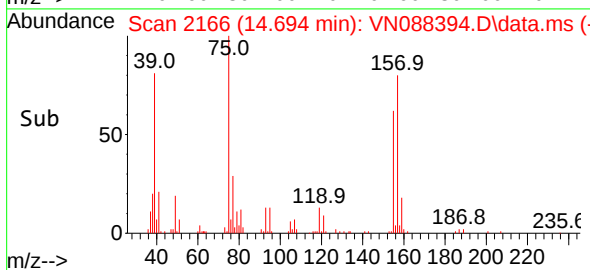
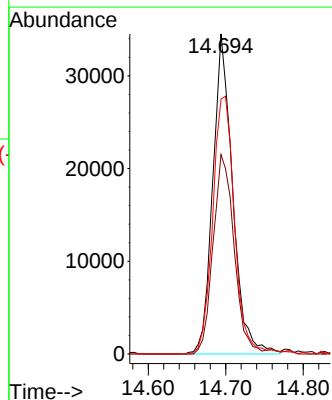
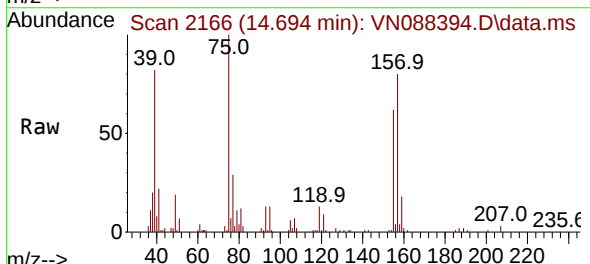
Manual Integrations
APPROVED

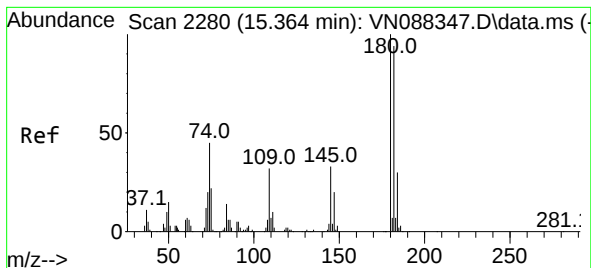
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.351 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

Tgt Ion: 75 Resp: 61378
Ion Ratio Lower Upper
75 100
155 66.9 33.7 101.1
157 88.2 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 50.246 ug/l

RT: 15.364 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 18704

Ion Ratio Lower Upper

180 100

182 93.9 46.1 138.2

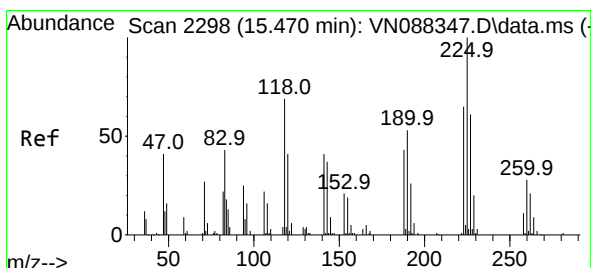
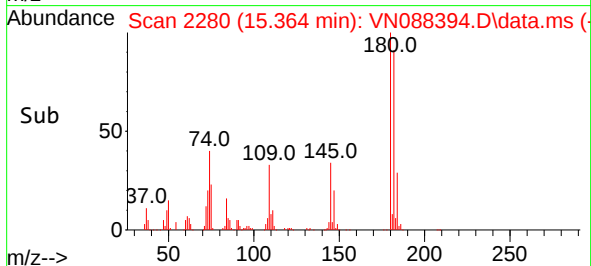
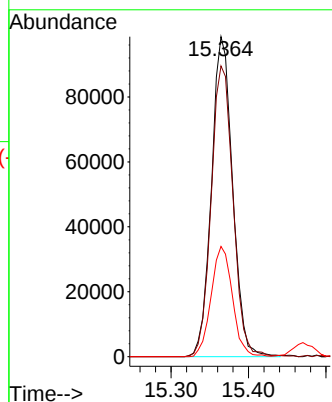
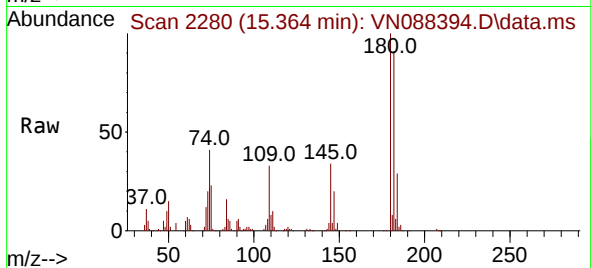
145 34.7 16.7 50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#94

Hexachlorobutadiene

Concen: 48.160 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

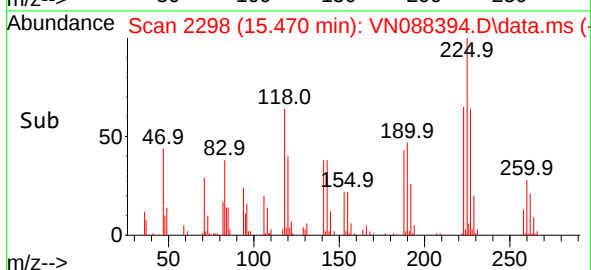
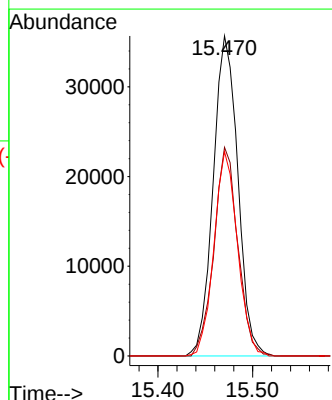
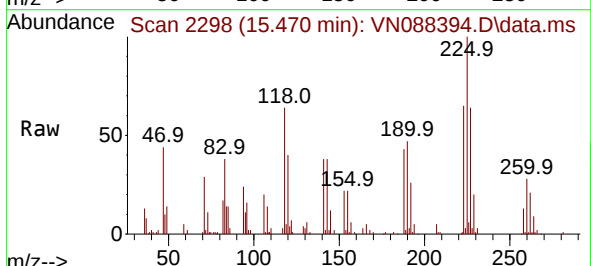
Tgt Ion:225 Resp: 64423

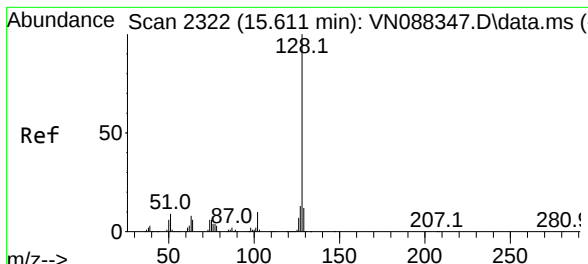
Ion Ratio Lower Upper

225 100

223 63.2 32.3 96.8

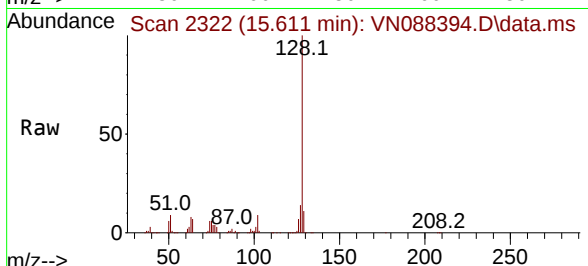
227 61.2 29.9 89.8





#95
Naphthalene
Concen: 52.496 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01

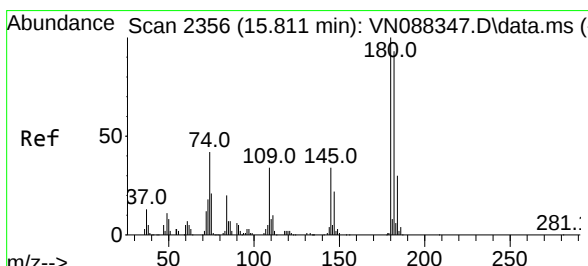
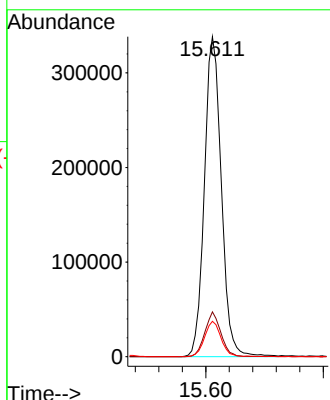
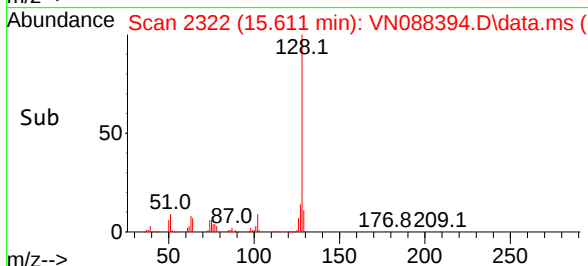
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



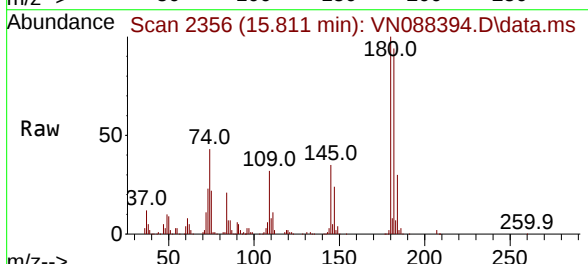
Tgt Ion:128 Resp: 677168
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.7 9.0 13.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 50.884 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088394.D
Acq: 01 Dec 2025 19:01



Tgt Ion:180 Resp: 184341
Ion Ratio Lower Upper
180 100
182 93.6 45.9 137.7
145 35.4 17.8 53.4

