

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
 Data File : VN088081.D
 Acq On : 23 Oct 2025 11:20
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 02:42:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 24 02:37:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	338069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	628399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	559795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	281739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	270271	46.232	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.460%		
35) Dibromofluoromethane	8.147	113	198004	46.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.800%		
50) Toluene-d8	10.547	98	768846	47.265	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.540%		
62) 4-Bromofluorobenzene	12.829	95	275556	47.966	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	154728	40.575	ug/l	97
3) Chloromethane	2.383	50	175497	39.118	ug/l	100
4) Vinyl Chloride	2.542	62	196434	40.185	ug/l	98
5) Bromomethane	2.977	94	115396	39.468	ug/l	97
6) Chloroethane	3.142	64	139507	39.611	ug/l	97
7) Trichlorofluoromethane	3.512	101	322932	41.420	ug/l	94
8) Diethyl Ether	3.959	74	108102	37.307	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	160825	39.976	ug/l	97
10) Methyl Iodide	4.583	142	154156	39.794	ug/l	96
11) Tert butyl alcohol	5.524	59	195274	193.892	ug/l	97
12) 1,1-Dichloroethene	4.341	96	156355	36.797	ug/l	93
13) Acrolein	4.177	56	209393	184.839	ug/l	100
14) Allyl chloride	5.012	41	274719	36.996	ug/l	97
15) Acrylonitrile	5.712	53	547451	199.555	ug/l	98
16) Acetone	4.424	43	539588	183.727	ug/l	99
17) Carbon Disulfide	4.706	76	501402	38.818	ug/l	98
18) Methyl Acetate	5.018	43	232583	38.683	ug/l	97
19) Methyl tert-butyl Ether	5.783	73	605018	38.771	ug/l	96
20) Methylene Chloride	5.265	84	182571	40.095	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	181288	38.584	ug/l	95
22) Diisopropyl ether	6.659	45	636418	40.632	ug/l	97
23) Vinyl Acetate	6.588	43	2935326	208.046	ug/l	99
24) 1,1-Dichloroethane	6.553	63	346792	39.970	ug/l	96
25) 2-Butanone	7.471	43	786350	205.282	ug/l	100
26) 2,2-Dichloropropane	7.471	77	311175	39.466	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	211777	39.442	ug/l	99
28) Bromochloromethane	7.794	49	199116	48.569	ug/l	99
29) Tetrahydrofuran	7.824	42	501146	198.682	ug/l	100
30) Chloroform	7.947	83	351684	40.574	ug/l	97
31) Cyclohexane	8.235	56	326389	39.886	ug/l	91
32) 1,1,1-Trichloroethane	8.153	97	308171	39.919	ug/l	98
36) 1,1-Dichloropropene	8.353	75	254886	41.351	ug/l	98
37) Ethyl Acetate	7.547	43	308710	38.973	ug/l	96
38) Carbon Tetrachloride	8.347	117	262154	41.178	ug/l	93
39) Methylcyclohexane	9.582	83	329045	41.530	ug/l	97
40) Benzene	8.588	78	764344	40.717	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	169994	40.604	ug/l	100
42) 1,2-Dichloroethane	8.653	62	274103	41.094	ug/l	100
43) Isopropyl Acetate	8.671	43	509309	41.668	ug/l	99
44) Trichloroethene	9.335	130	178438	40.667	ug/l	100
45) 1,2-Dichloropropane	9.600	63	192587	40.637	ug/l	97
46) Dibromomethane	9.688	93	137229	40.600	ug/l	99
47) Bromodichloromethane	9.871	83	275730	40.745	ug/l	97
48) Methyl methacrylate	9.659	41	233909	40.288	ug/l	96
49) 1,4-Dioxane	9.682	88	55303	787.940	ug/l #	97
51) 4-Methyl-2-Pentanone	10.423	43	1524408	210.814	ug/l	99
52) Toluene	10.606	92	474479	40.995	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	300895	41.776	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	314717	41.178	ug/l	95
55) 1,1,2-Trichloroethane	10.994	97	176797	40.263	ug/l	98
56) Ethyl methacrylate	10.853	69	298768	43.059	ug/l	97
57) 1,3-Dichloropropane	11.141	76	317787	41.174	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	769938	213.014	ug/l	100
59) 2-Hexanone	11.176	43	1044741	220.085	ug/l	98
60) Dibromochloromethane	11.335	129	205395	41.154	ug/l	100
61) 1,2-Dibromoethane	11.447	107	181469	40.156	ug/l	97
64) Tetrachloroethene	11.082	164	144389	39.103	ug/l	96
65) Chlorobenzene	11.870	112	526904	41.452	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	173604	41.687	ug/l	99
67) Ethyl Benzene	11.941	91	923328	41.382	ug/l	100
68) m/p-Xylenes	12.047	106	710517	84.991	ug/l	95
69) o-Xylene	12.376	106	337999	42.650	ug/l	97
70) Styrene	12.388	104	565710	43.775	ug/l	99
71) Bromoform	12.559	173	130569	42.013	ug/l #	99
73) Isopropylbenzene	12.676	105	893962	41.140	ug/l	98
74) N-amyl acetate	12.506	43	259151m	51.362	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	269498	39.836	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	261895m	43.425	ug/l	
77) Bromobenzene	12.959	156	193682	41.334	ug/l	98
78) n-propylbenzene	13.012	91	1105898	41.704	ug/l	98
79) 2-Chlorotoluene	13.100	91	632531	41.827	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	751960	41.667	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.717	75	89183	38.524	ug/l #	81
82) 4-Chlorotoluene	13.200	91	660605	40.376	ug/l	97
83) tert-Butylbenzene	13.417	119	664441	41.215	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	760563	42.122	ug/l	99
85) sec-Butylbenzene	13.594	105	983204	41.511	ug/l	100
86) p-Isopropyltoluene	13.706	119	807519	42.500	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	388787	41.563	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	394135	39.127	ug/l	98
89) n-Butylbenzene	14.035	91	796348	42.312	ug/l	99
90) Hexachloroethane	14.306	117	150804	40.985	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	363732	40.339	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	60256	38.267	ug/l	96
93) 1,2,4-Trichlorobenzene	15.370	180	221034	40.476	ug/l	98
94) Hexachlorobutadiene	15.476	225	82469	40.553	ug/l	99
95) Naphthalene	15.611	128	769709	41.144	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	207445	39.618	ug/l	99

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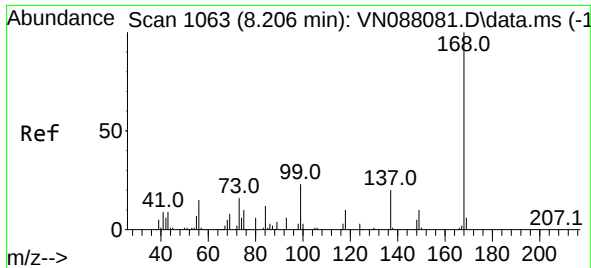
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:37:20 2025
Response via : Initial Calibration

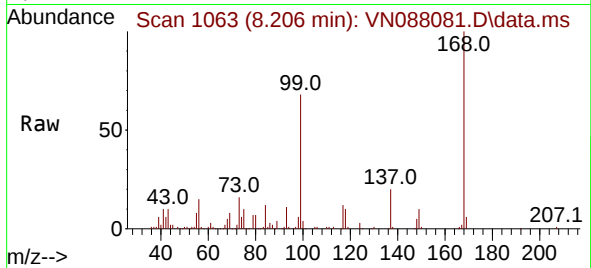
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

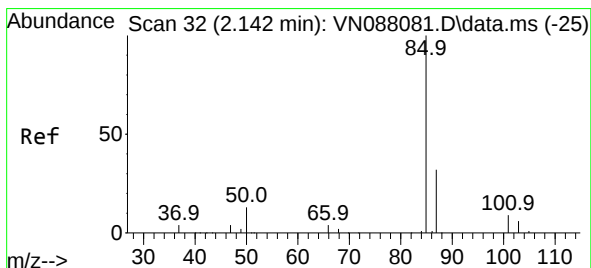
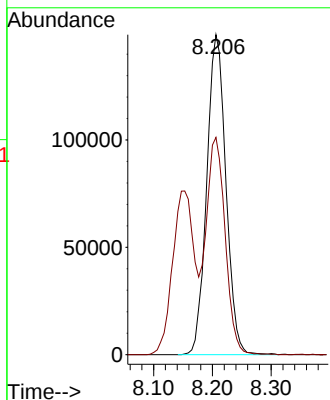
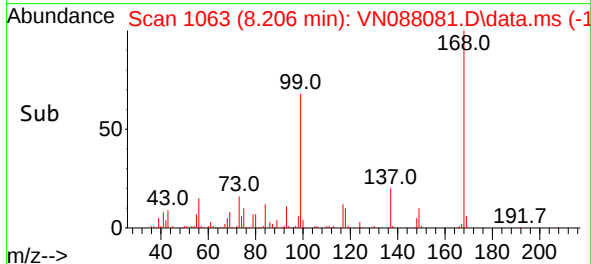
Instrument :
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ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 338069
Ion Ratio Lower Upper
168 100
99 67.9 57.2 85.8

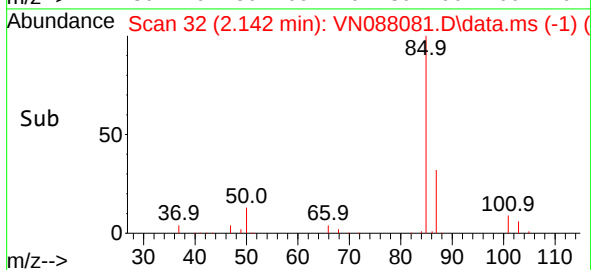
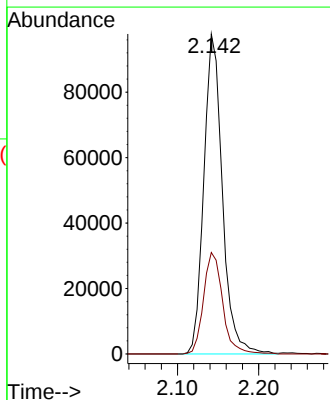
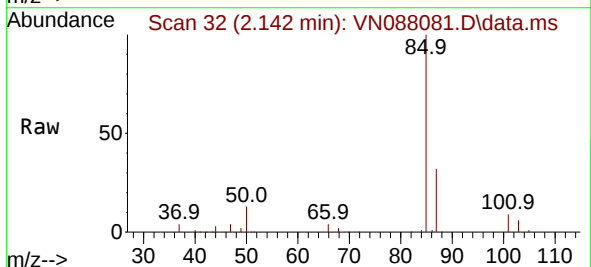
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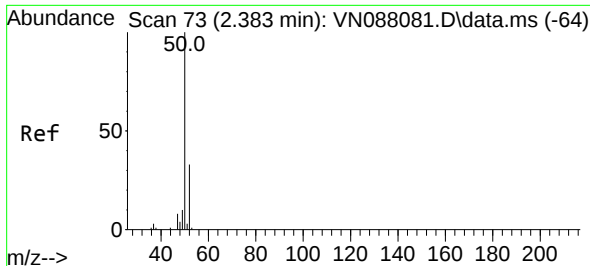
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 40.575 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

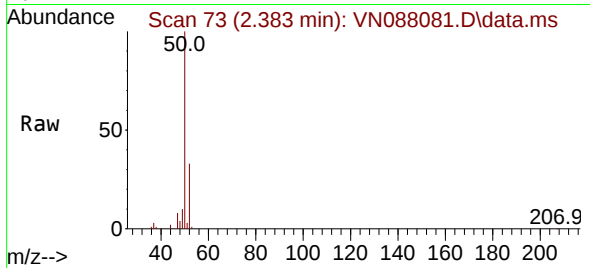
Tgt Ion: 85 Resp: 154728
Ion Ratio Lower Upper
85 100
87 31.7 16.6 49.8





#3
Chloromethane
Concen: 39.118 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

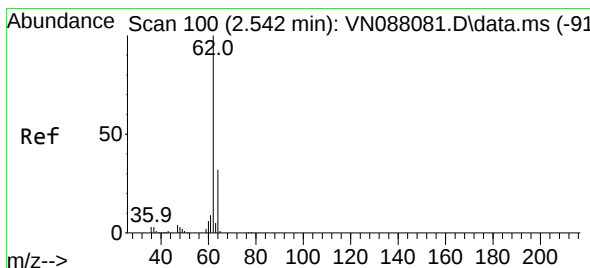
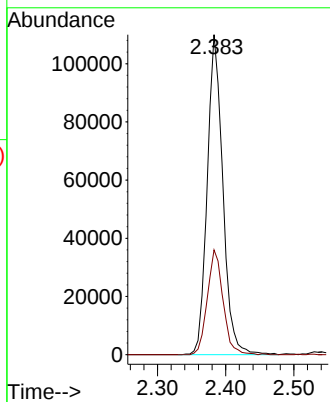
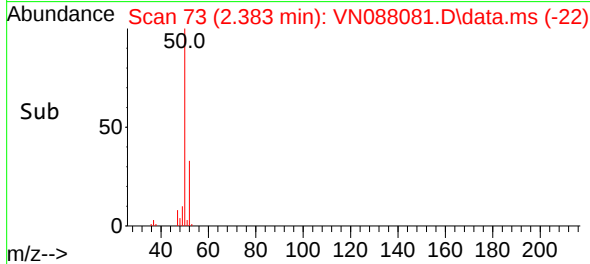
Instrument :
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Tgt Ion: 50 Resp: 17549
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.4

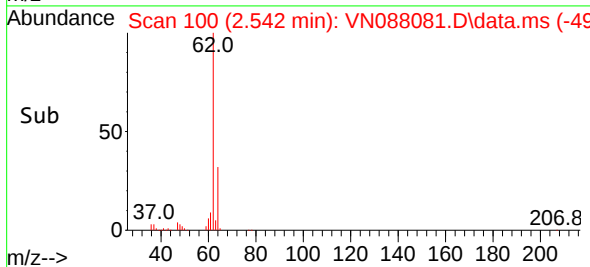
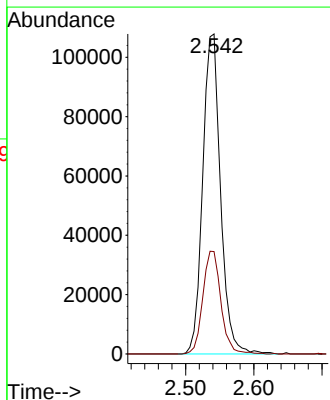
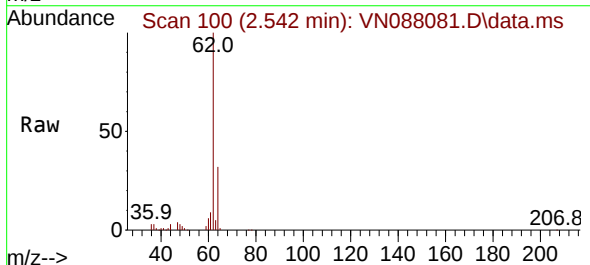
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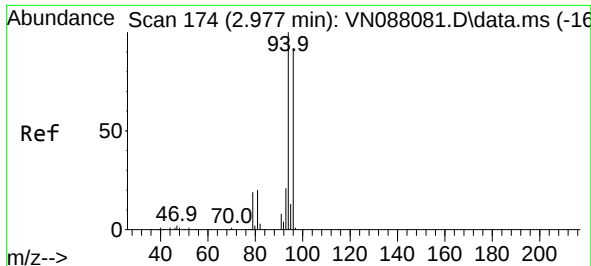
Reviewed By :John Carlone 10/24/2025
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#4
Vinyl Chloride
Concen: 40.185 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

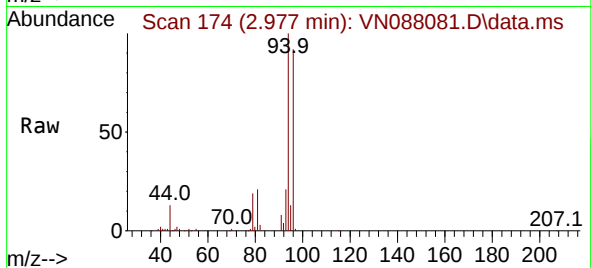
Tgt Ion: 62 Resp: 196434
Ion Ratio Lower Upper
62 100
64 32.0 24.6 37.0





#5
Bromomethane
Concen: 39.468 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

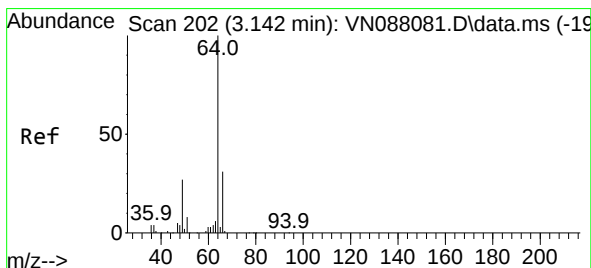
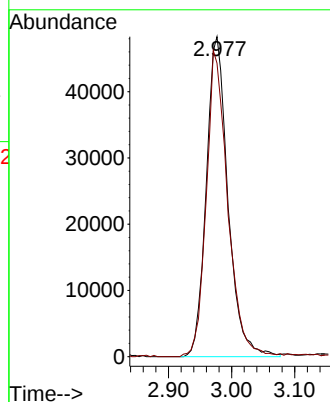
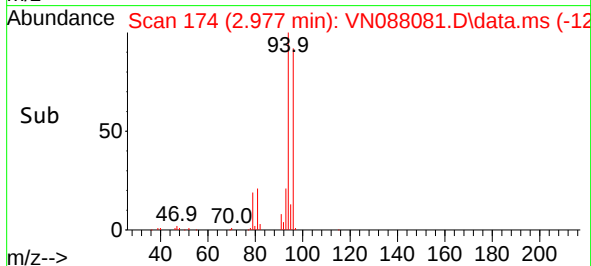
Instrument :
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Tgt Ion: 94 Resp: 115390
Ion Ratio Lower Upper
94 100
96 91.7 75.4 113.2

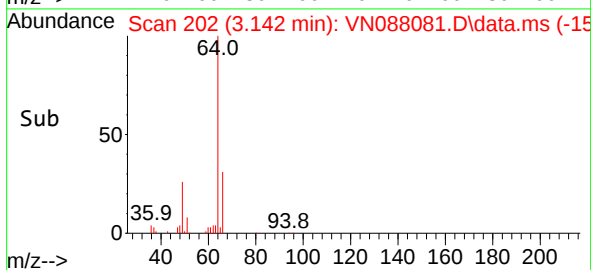
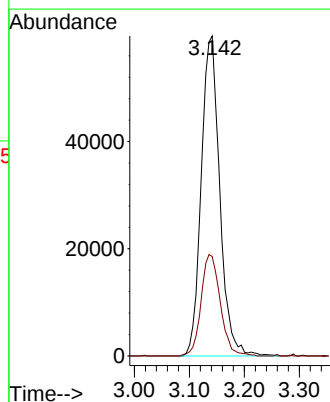
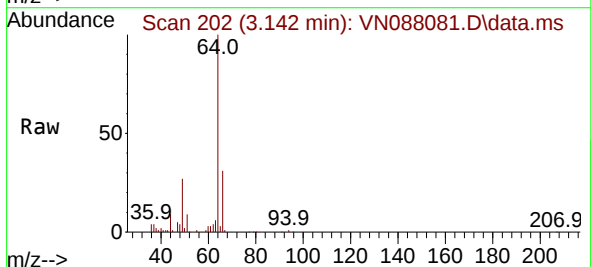
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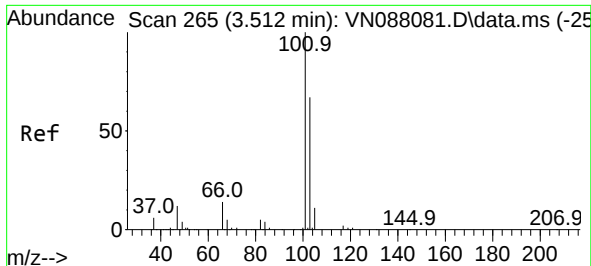
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#6
Chloroethane
Concen: 39.611 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

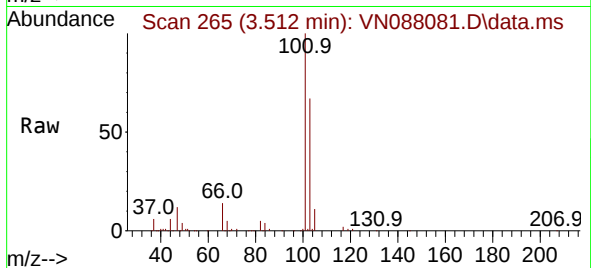
Tgt Ion: 64 Resp: 139507
Ion Ratio Lower Upper
64 100
66 31.0 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 41.420 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VN088081.D
 Acq: 23 Oct 2025 11:20

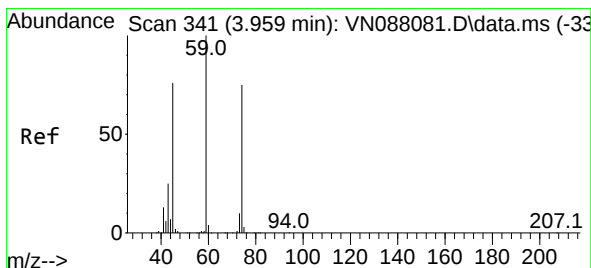
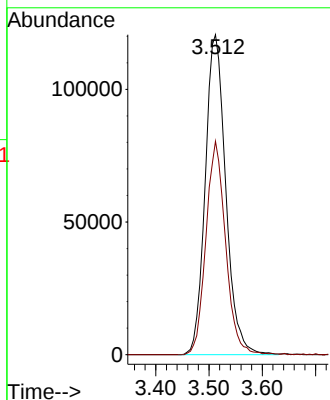
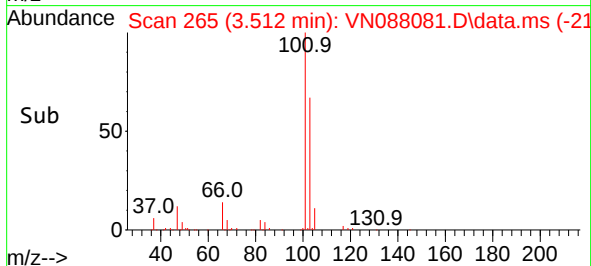
Instrument :
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 VSTDICCC050



Tgt Ion:101 Resp: 322932
 Ion Ratio Lower Upper
 101 100
 103 66.7 49.4 74.0

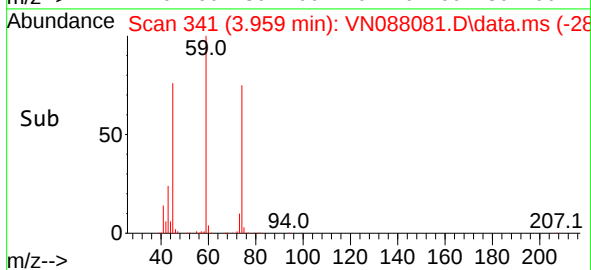
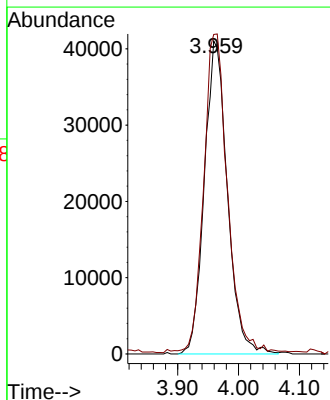
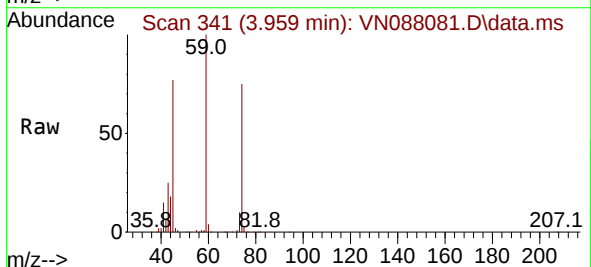
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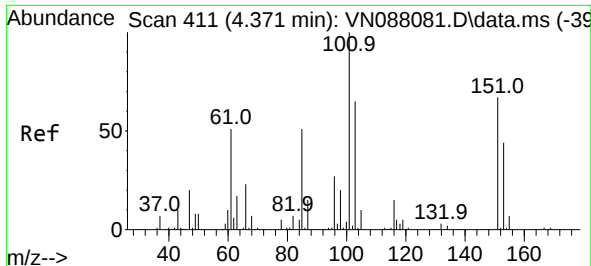
Reviewed By :John Carlone 10/24/2025
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#8
 Diethyl Ether
 Concen: 37.307 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN088081.D
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Tgt Ion: 74 Resp: 108102
 Ion Ratio Lower Upper
 74 100
 45 103.0 50.6 151.9





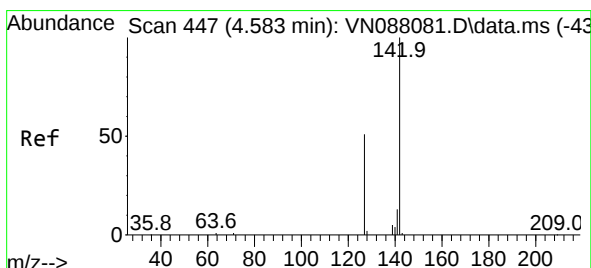
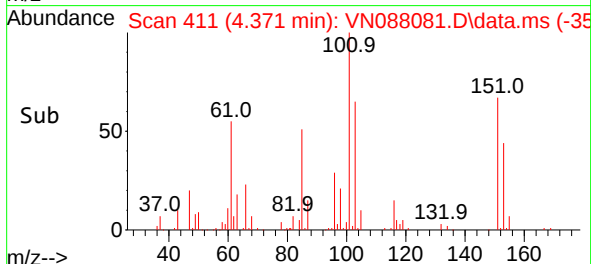
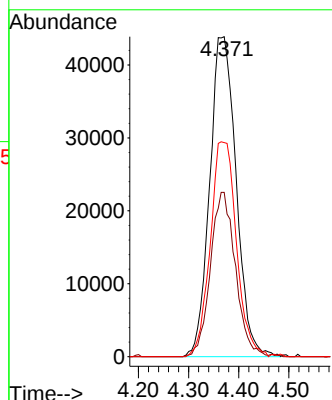
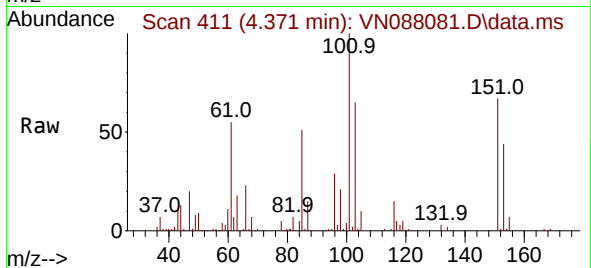
#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.976 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 160825
Ion Ratio Lower Upper
101 100
85 48.5 36.6 55.0
151 66.4 54.7 82.1

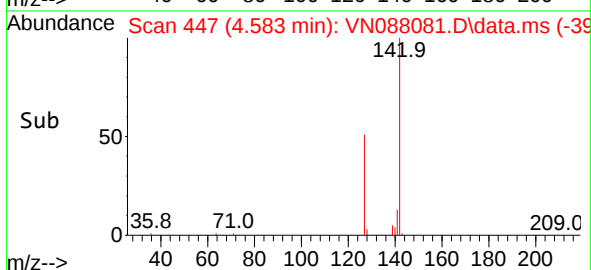
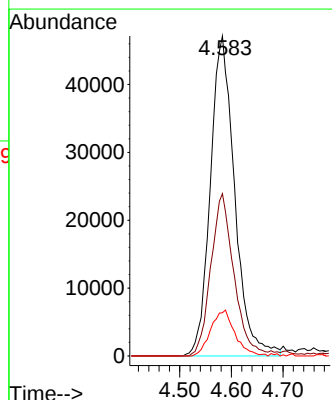
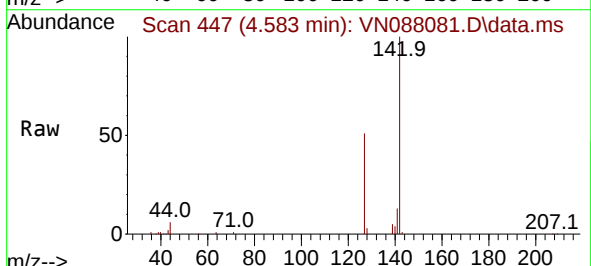
Manual Integrations
APPROVED

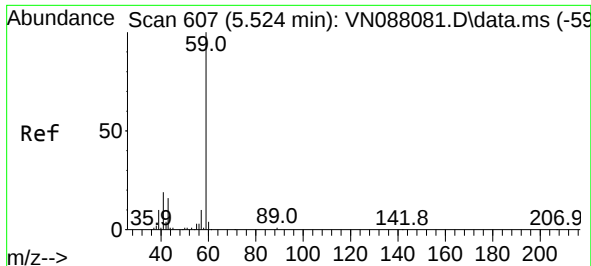
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 39.794 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

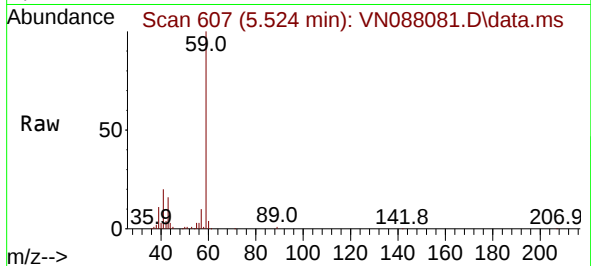
Tgt Ion:142 Resp: 154156
Ion Ratio Lower Upper
142 100
127 50.7 38.0 57.0
141 13.5 12.0 18.0





#11
Tert butyl alcohol
Concen: 193.892 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

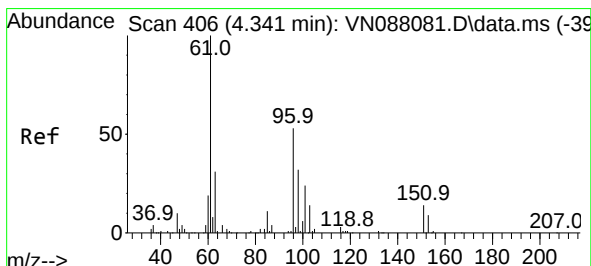
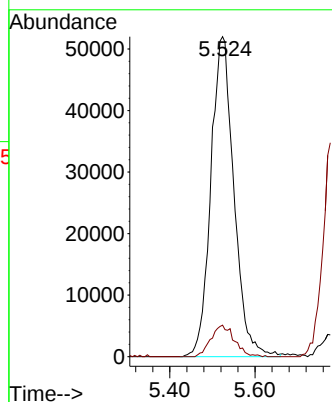
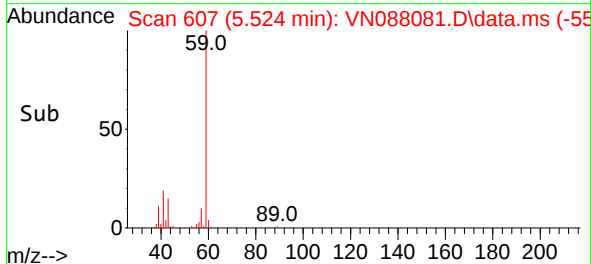
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



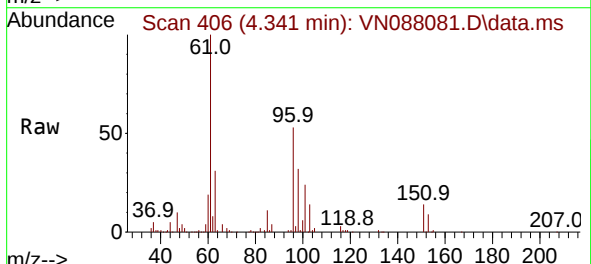
Tgt Ion: 59 Resp: 195274
Ion Ratio Lower Upper
59 100
57 10.0 9.0 13.4

Manual Integrations
APPROVED

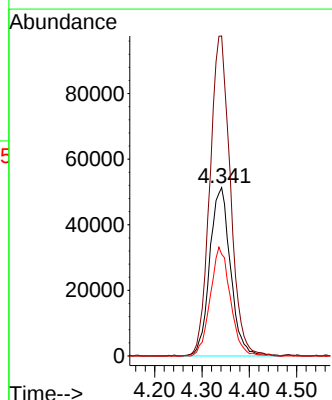
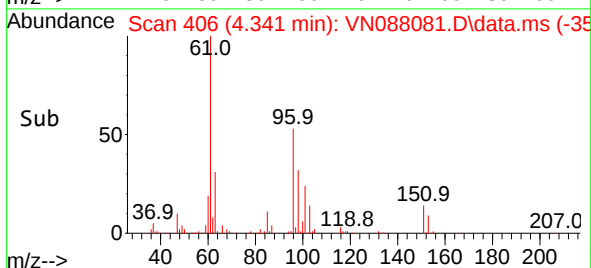
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

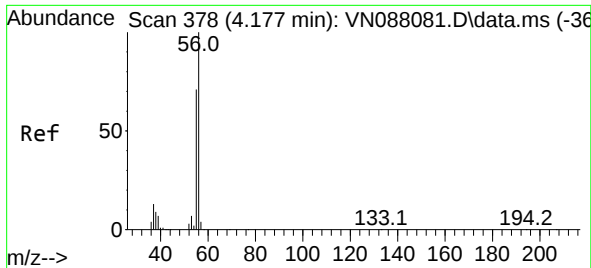


#12
1,1-Dichloroethene
Concen: 36.797 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20



Tgt Ion: 96 Resp: 156355
Ion Ratio Lower Upper
96 100
61 190.1 143.8 215.8
98 60.5 52.1 78.1





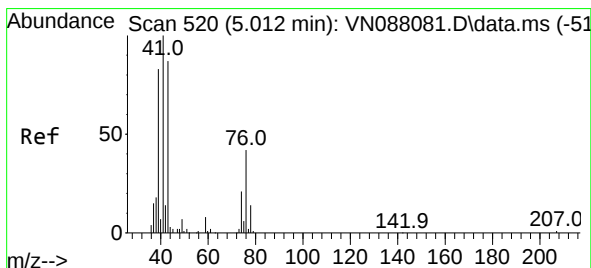
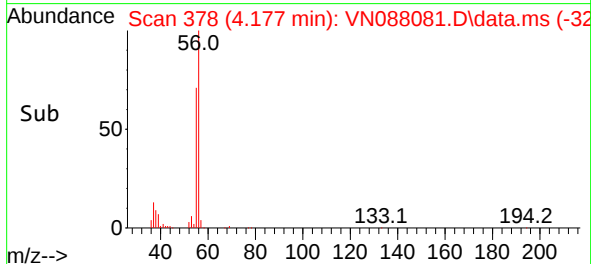
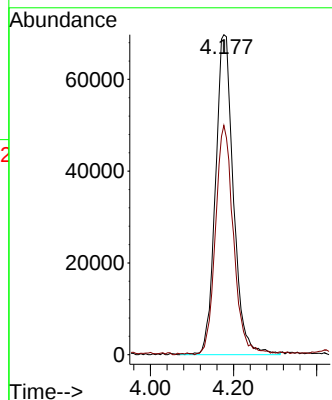
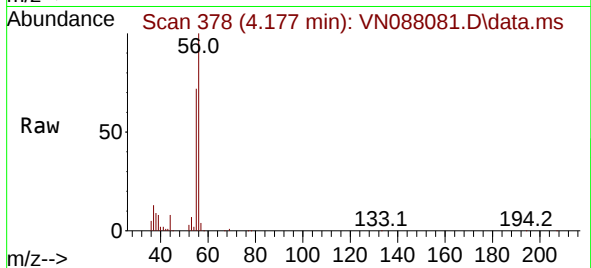
#13
Acrolein
Concen: 184.839 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 20939
Ion Ratio Lower Upper
56 100
55 72.0 57.3 85.9

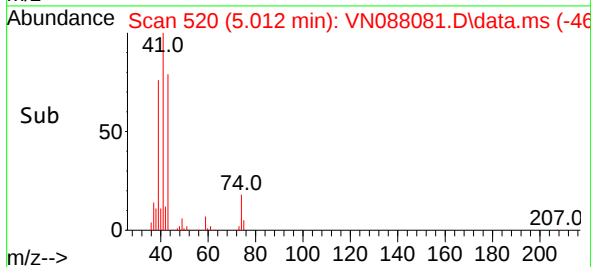
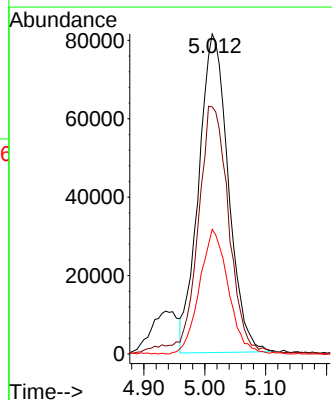
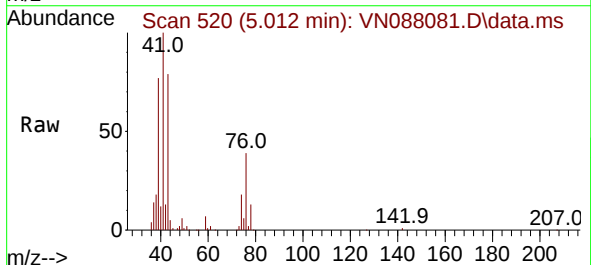
Manual Integrations
APPROVED

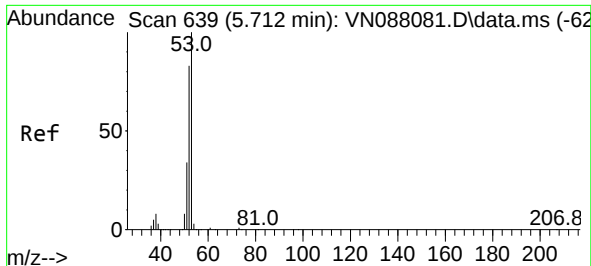
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Allyl chloride
Concen: 36.996 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

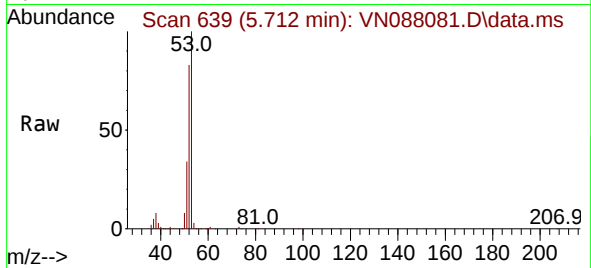
Tgt Ion: 41 Resp: 274719
Ion Ratio Lower Upper
41 100
39 82.2 63.9 95.9
76 38.0 28.1 42.1





#15
Acrylonitrile
Concen: 199.555 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

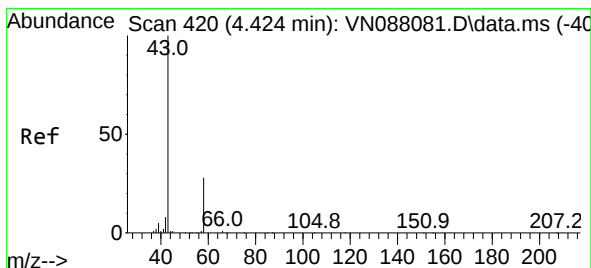
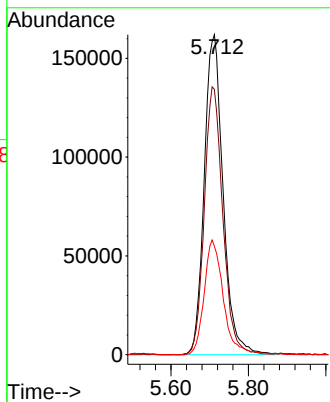
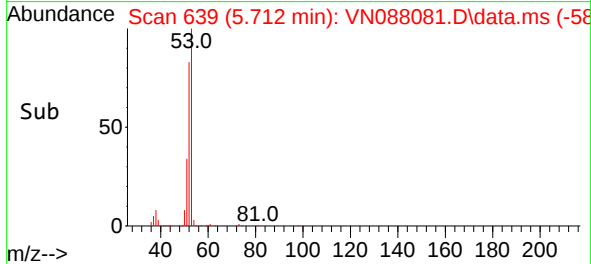
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 54745
Ion Ratio Lower Upper
53 100
52 82.4 67.6 101.4
51 36.3 30.1 45.1

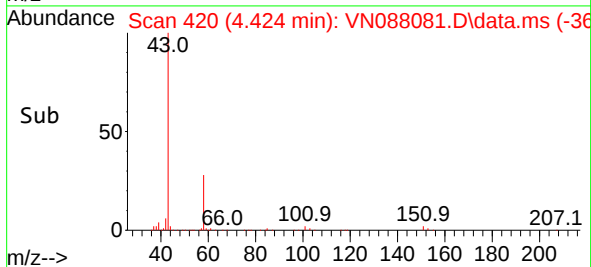
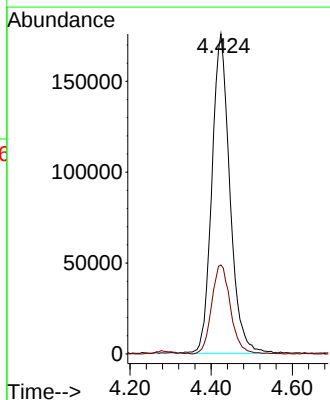
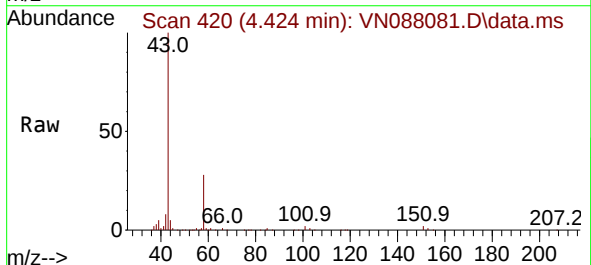
Manual Integrations
APPROVED

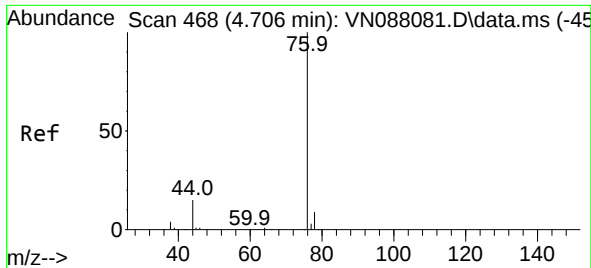
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Acetone
Concen: 183.727 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

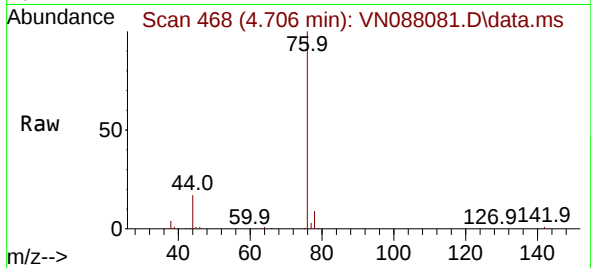
Tgt Ion: 43 Resp: 539588
Ion Ratio Lower Upper
43 100
58 27.8 22.6 33.8





#17
Carbon Disulfide
Concen: 38.818 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

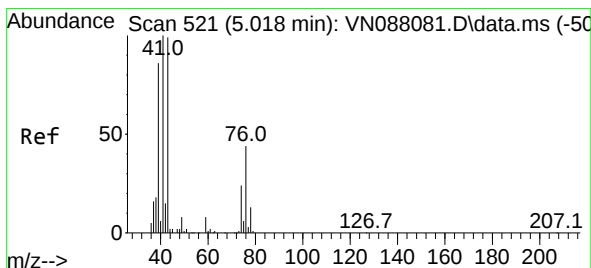
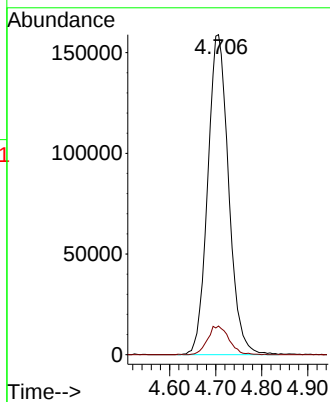
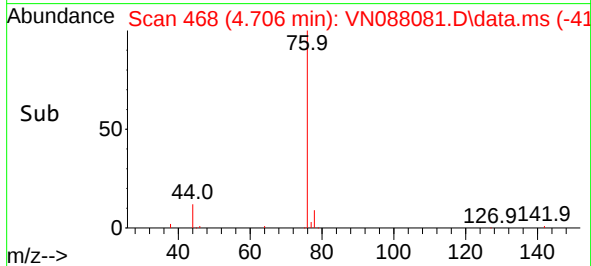
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 50140
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

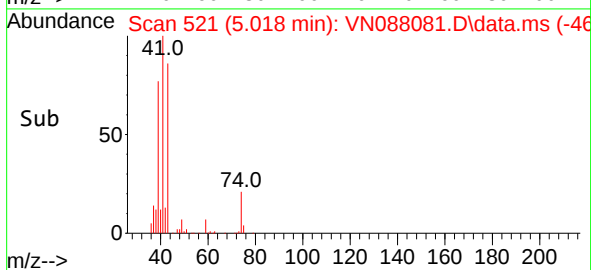
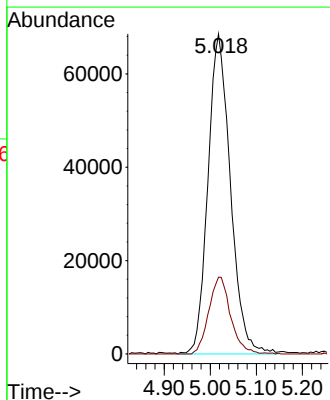
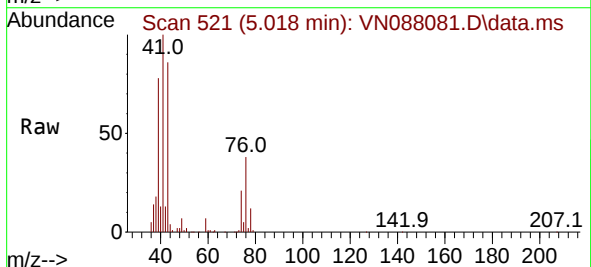
Manual Integrations
APPROVED

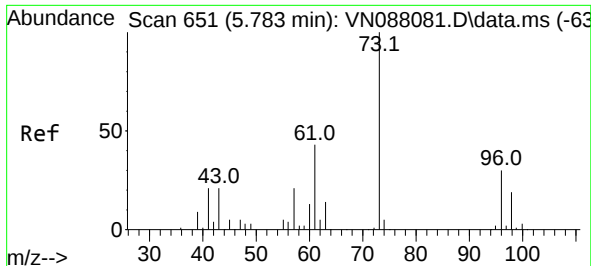
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 38.683 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

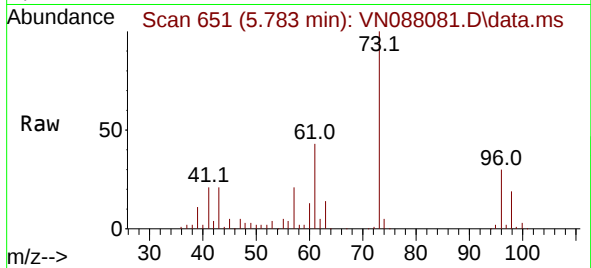
Tgt Ion: 43 Resp: 232583
Ion Ratio Lower Upper
43 100
74 23.2 17.6 26.4





#19
Methyl tert-butyl Ether
Concen: 38.771 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

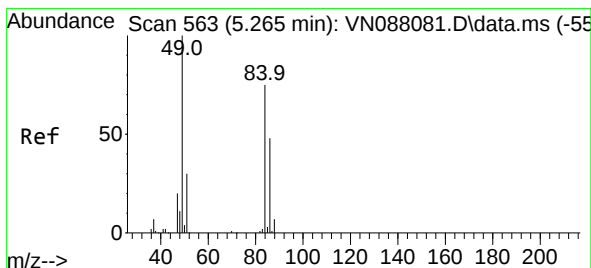
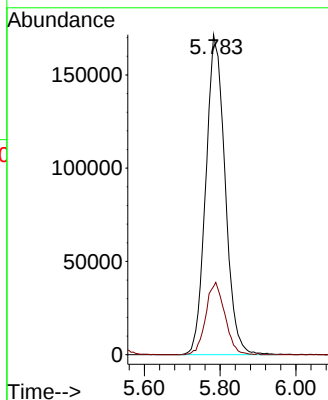
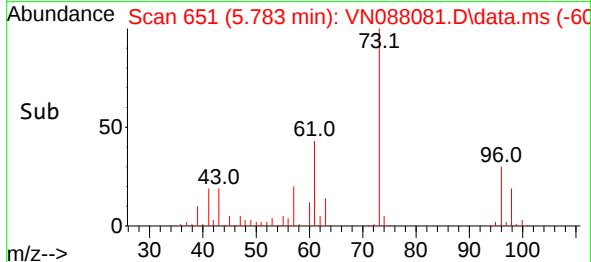
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 605018
Ion Ratio Lower Upper
73 100
57 21.3 18.4 27.6

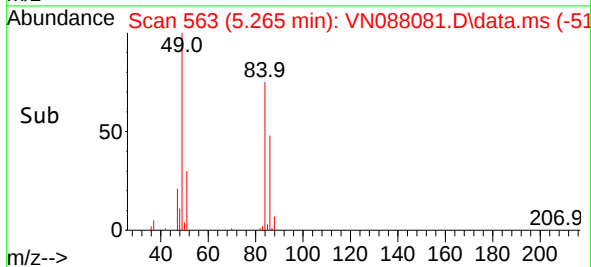
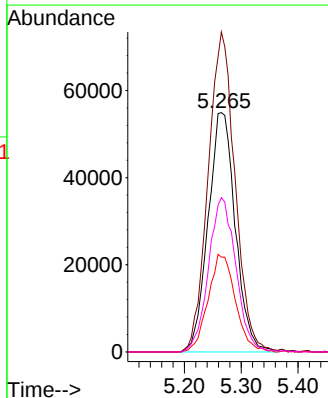
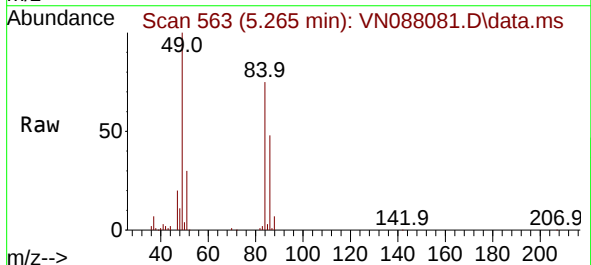
Manual Integrations
APPROVED

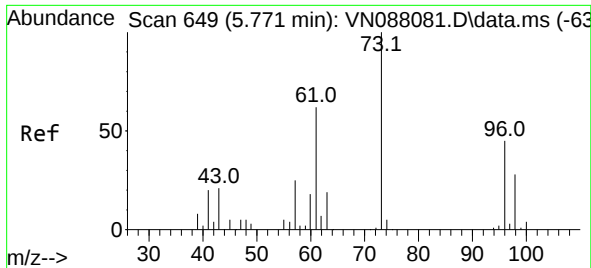
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Methylene Chloride
Concen: 40.095 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

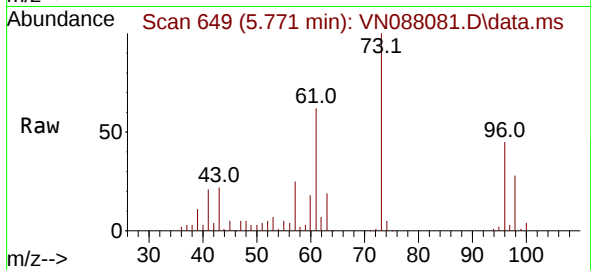
Tgt Ion: 84 Resp: 182571
Ion Ratio Lower Upper
84 100
49 133.7 103.4 155.2
51 39.6 33.8 50.8
86 64.5 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 38.584 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

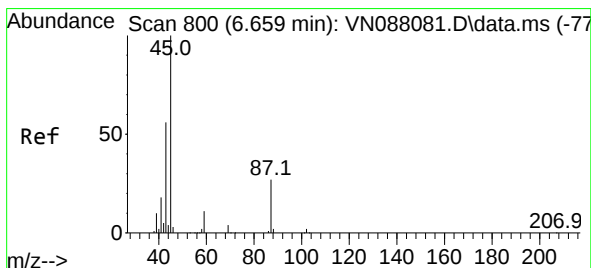
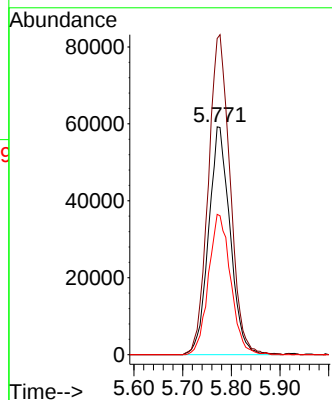
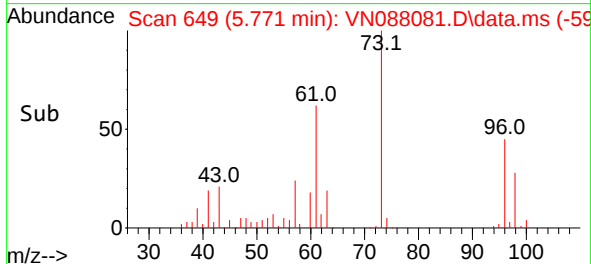
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 181288
Ion Ratio Lower Upper
96 100
61 138.7 118.0 177.0
98 61.6 50.0 75.0

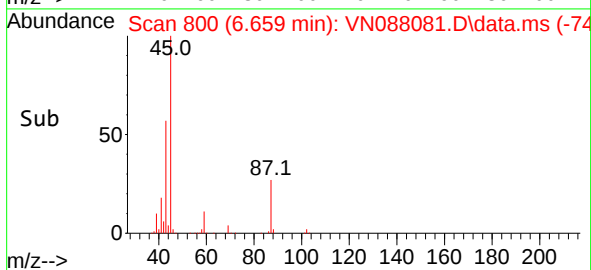
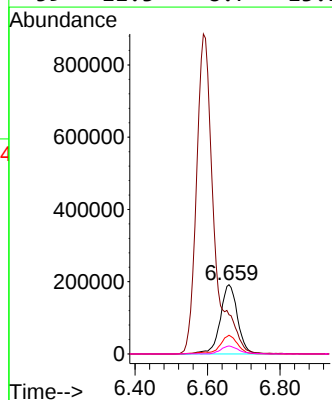
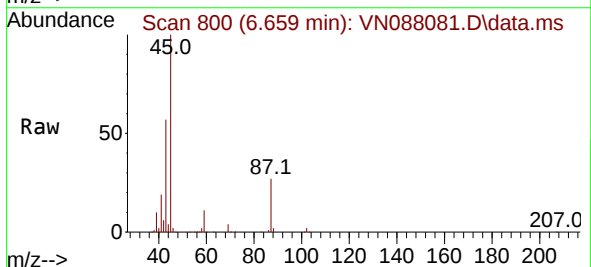
Manual Integrations
APPROVED

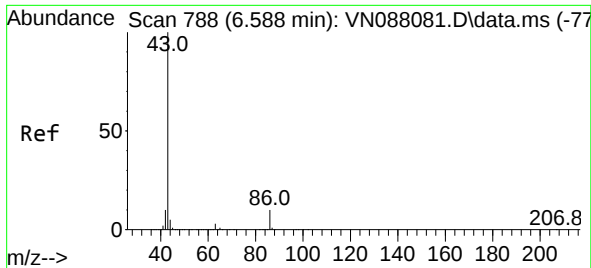
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
Diisopropyl ether
Concen: 40.632 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

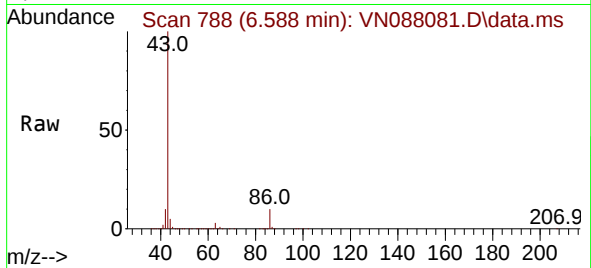
Tgt Ion: 45 Resp: 636418
Ion Ratio Lower Upper
45 100
43 55.9 47.7 71.5
87 27.0 21.4 32.0
59 11.3 8.7 13.1





#23
 Vinyl Acetate
 Concen: 208.046 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088081.D
 Acq: 23 Oct 2025 11:20

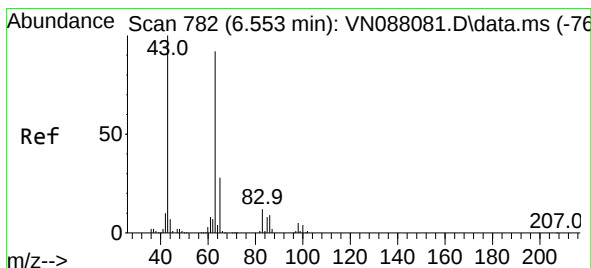
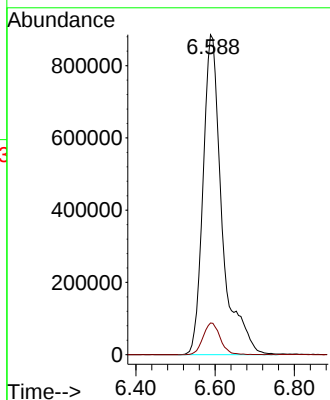
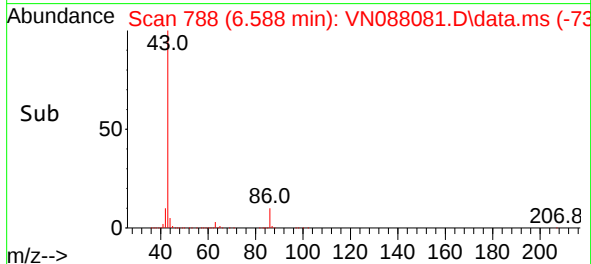
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



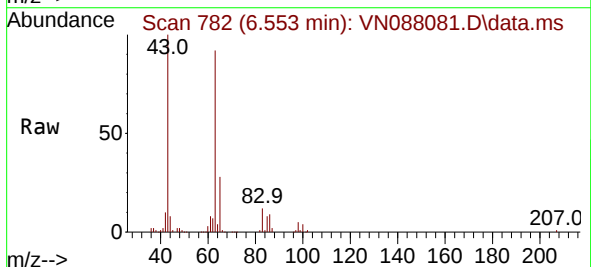
Tgt Ion: 43 Resp: 2935320
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.4

Manual Integrations
 APPROVED

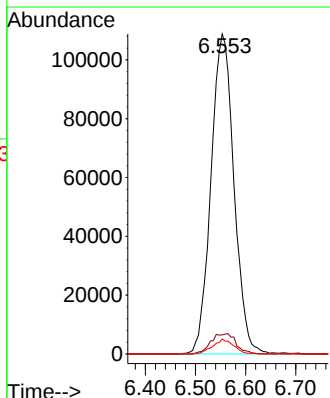
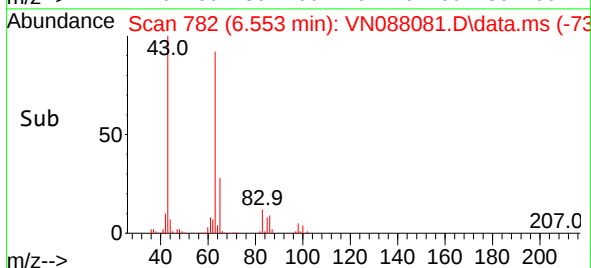
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#24
 1,1-Dichloroethane
 Concen: 39.970 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088081.D
 Acq: 23 Oct 2025 11:20



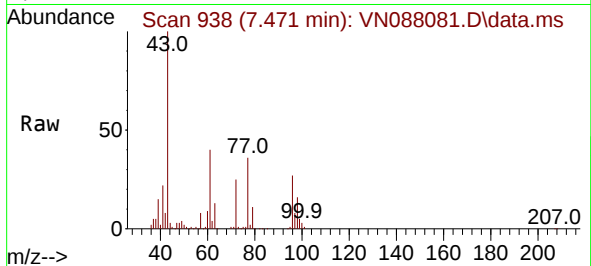
Tgt Ion: 63 Resp: 346792
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.8 11.4
 100 4.7 2.0 6.0





#25
2-Butanone
Concen: 205.282 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

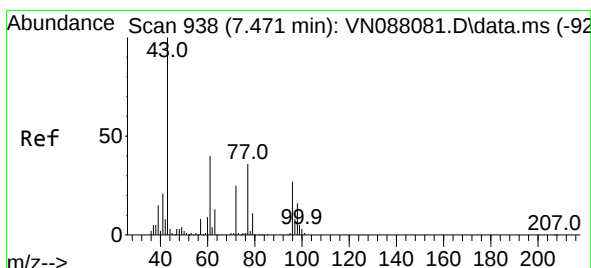
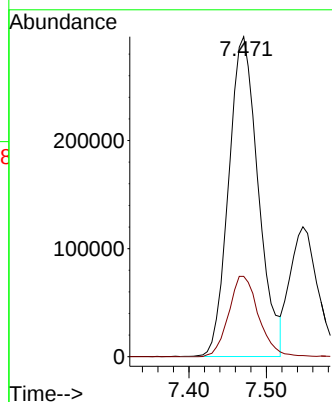
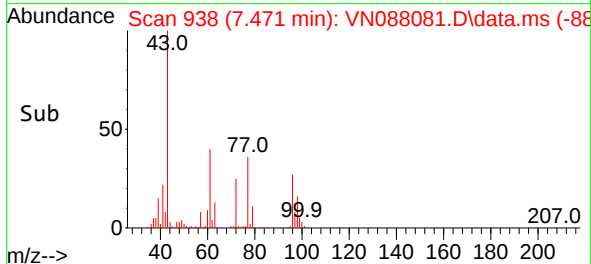
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



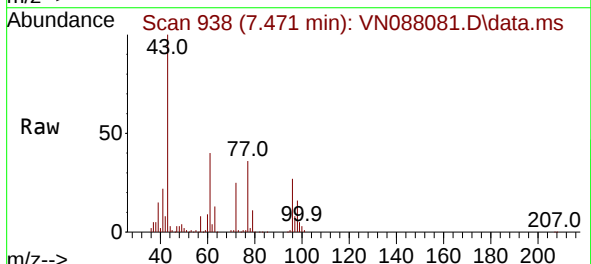
Tgt Ion: 43 Resp: 786350
Ion Ratio Lower Upper
43 100
72 25.1 19.9 29.9

Manual Integrations
APPROVED

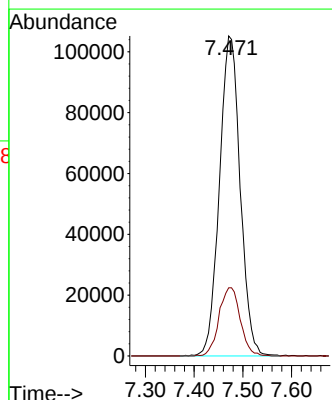
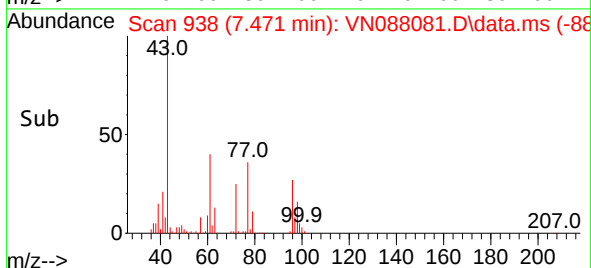
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
2,2-Dichloropropane
Concen: 39.466 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20



Tgt Ion: 77 Resp: 311175
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.7





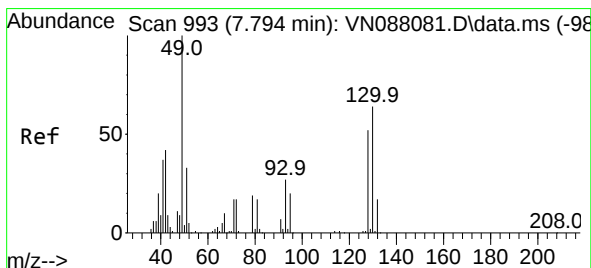
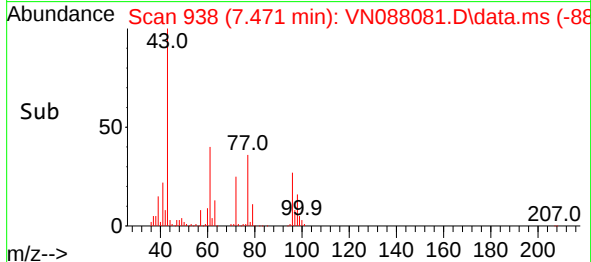
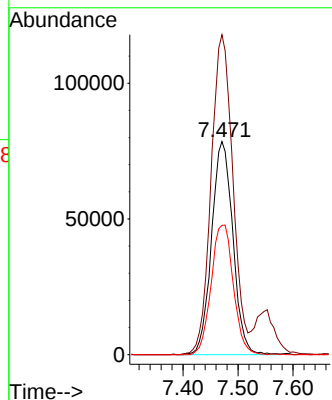
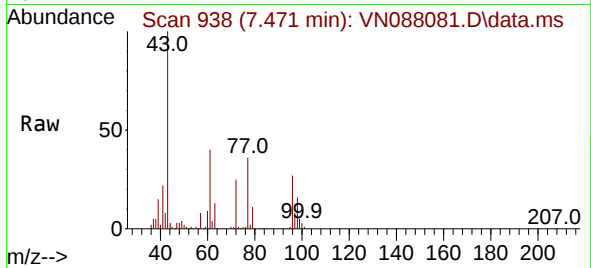
#27
 cis-1,2-Dichloroethene
 Concen: 39.442 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088081.D
 Acq: 23 Oct 2025 11:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 21177
 Ion Ratio Lower Upper
 96 100
 61 152.3 0.0 301.8
 98 63.2 0.0 126.2

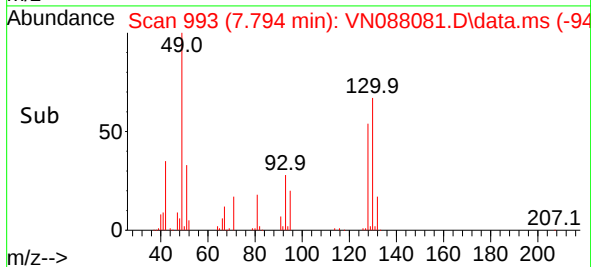
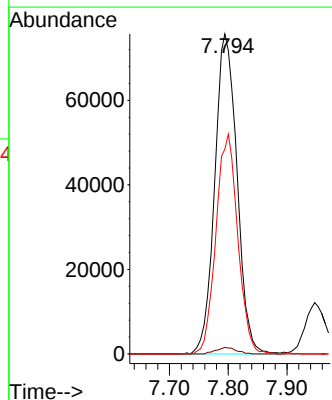
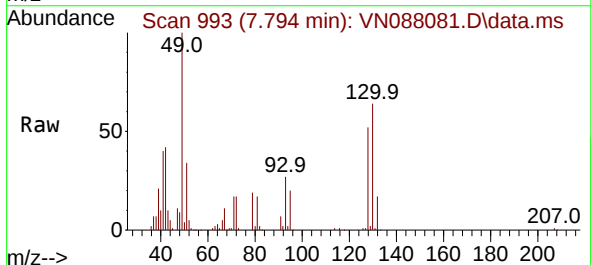
Manual Integrations
 APPROVED

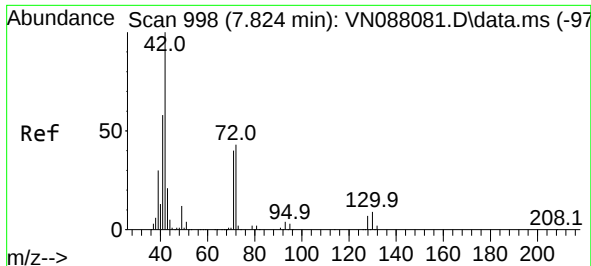
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#28
 Bromochloromethane
 Concen: 48.569 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088081.D
 Acq: 23 Oct 2025 11:20

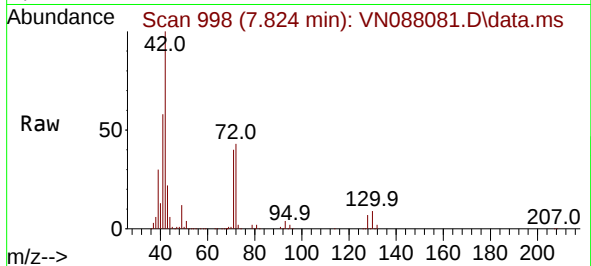
Tgt Ion: 49 Resp: 199116
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.0
 130 67.3 53.1 79.7





#29
Tetrahydrofuran
Concen: 198.682 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

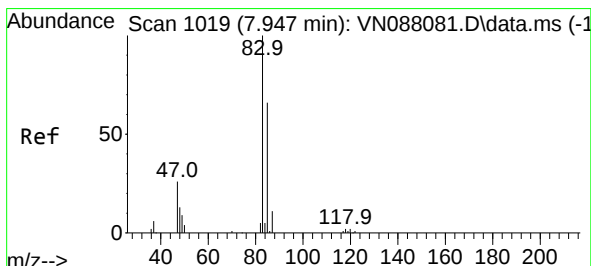
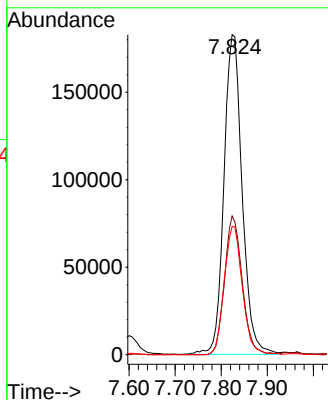
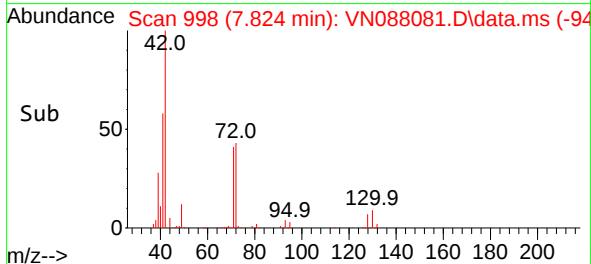
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 42 Resp: 501140
Ion Ratio Lower Upper
42 100
72 42.0 33.7 50.5
71 40.0 31.9 47.9

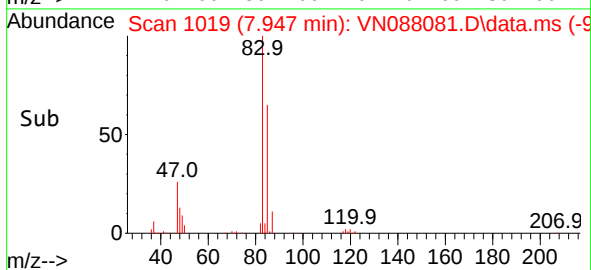
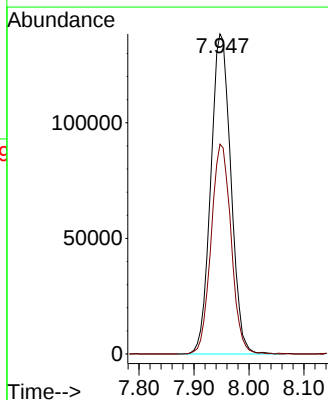
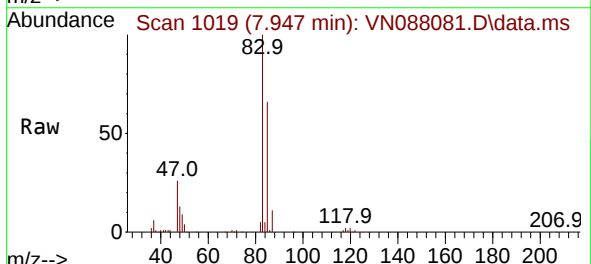
Manual Integrations
APPROVED

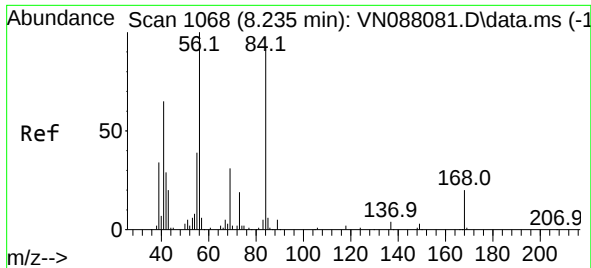
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#30
Chloroform
Concen: 40.574 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

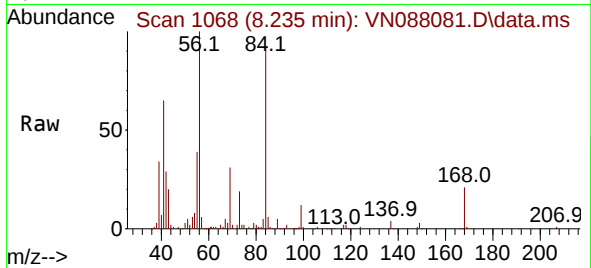
Tgt Ion: 83 Resp: 351684
Ion Ratio Lower Upper
83 100
85 65.6 50.7 76.1





#31
Cyclohexane
Concen: 39.886 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

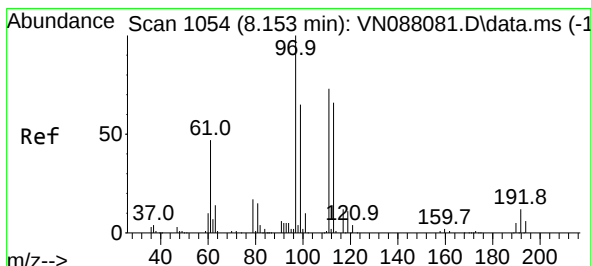
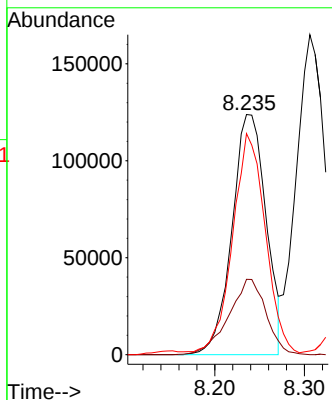
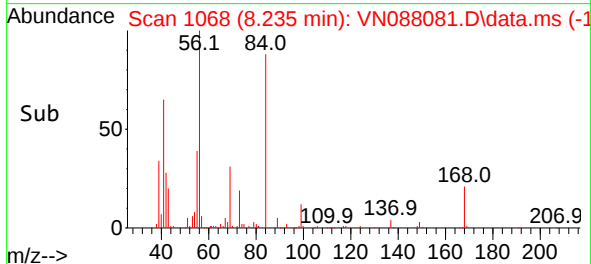
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



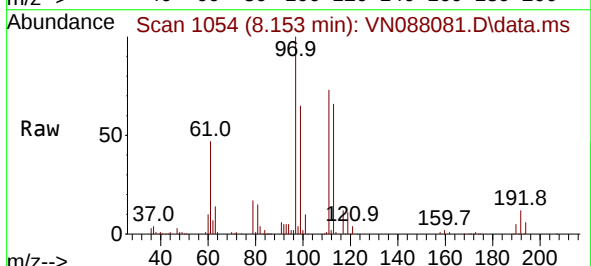
Tgt Ion: 56 Resp: 326389
Ion Ratio Lower Upper
56 100
69 31.3 23.7 35.5
84 90.9 64.7 97.1

Manual Integrations
APPROVED

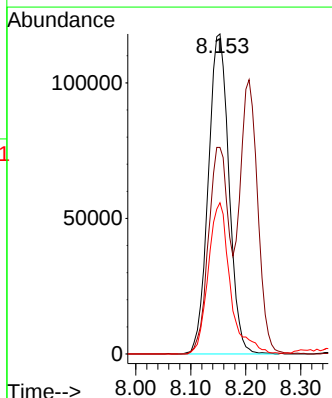
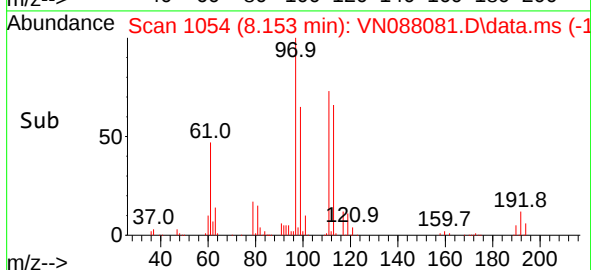
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

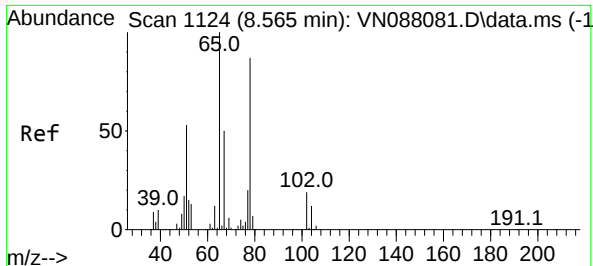


#32
1,1,1-Trichloroethane
Concen: 39.919 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20



Tgt Ion: 97 Resp: 308171
Ion Ratio Lower Upper
97 100
99 63.5 52.2 78.2
61 50.4 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 46.232 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN088081.D

Acq: 23 Oct 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 27027

Ion Ratio Lower Upper

65 100

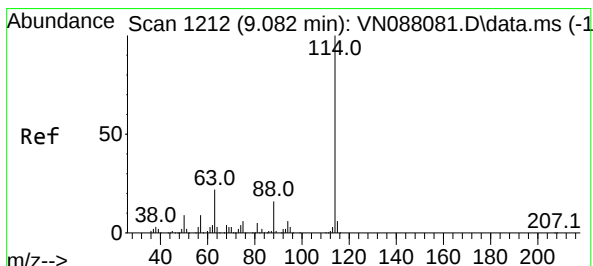
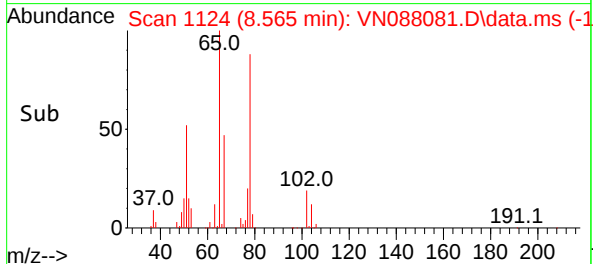
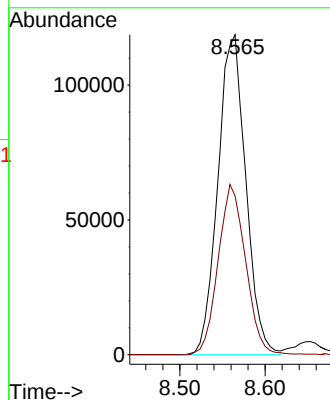
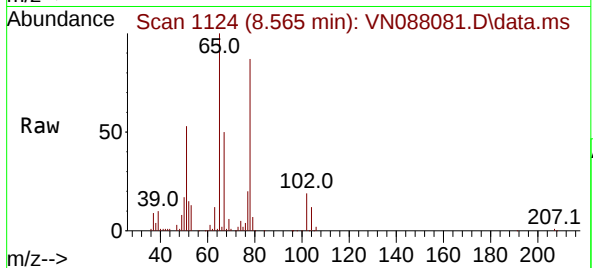
67 52.4 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088081.D

Acq: 23 Oct 2025 11:20

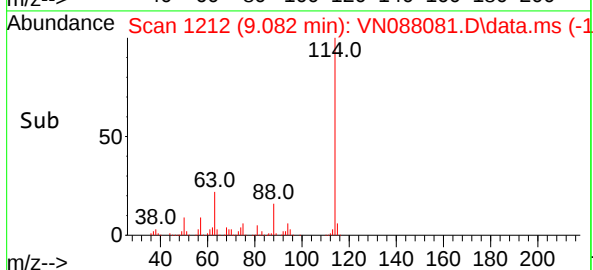
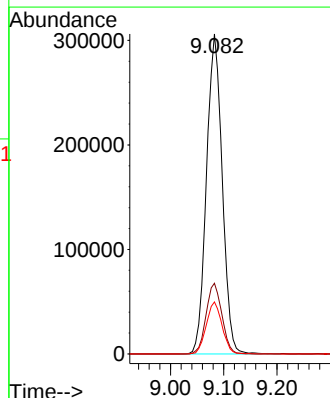
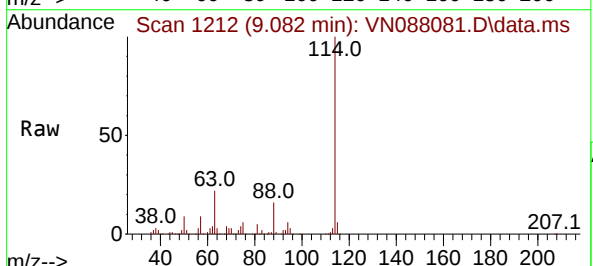
Tgt Ion:114 Resp: 628399

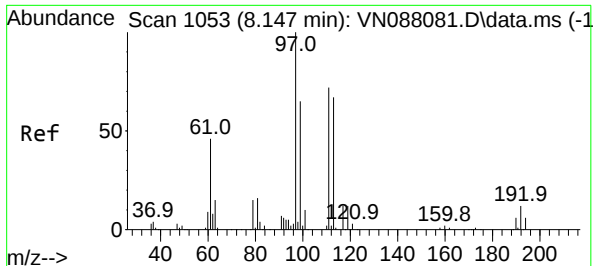
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.2

88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.902 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088081.D

Acq: 23 Oct 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 113 Resp: 198004

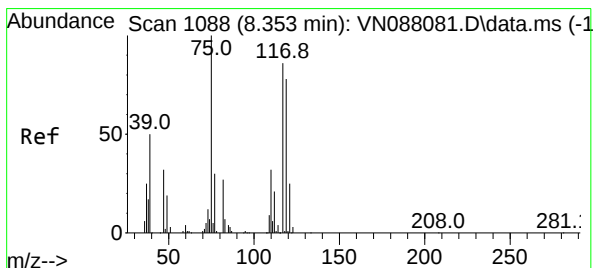
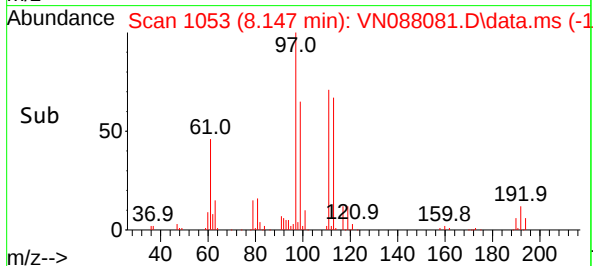
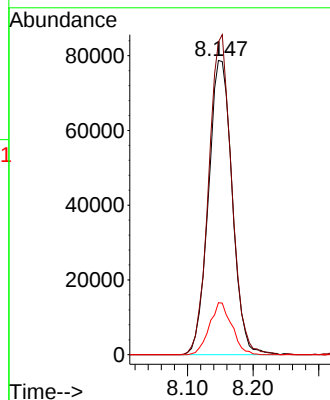
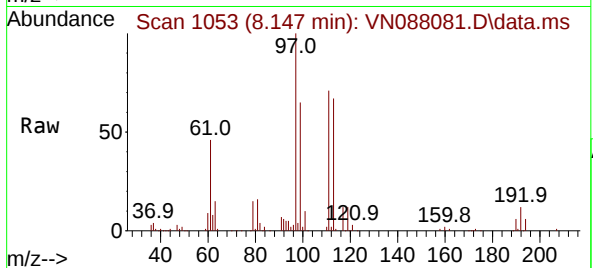
Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.8	124.2
192	16.6	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#36

1,1-Dichloropropene

Concen: 41.351 ug/l

RT: 8.353 min Scan# 1088

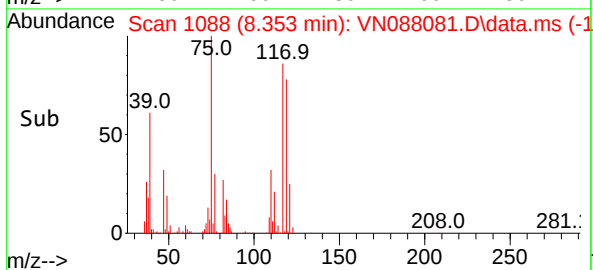
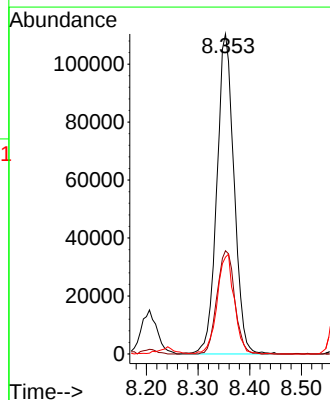
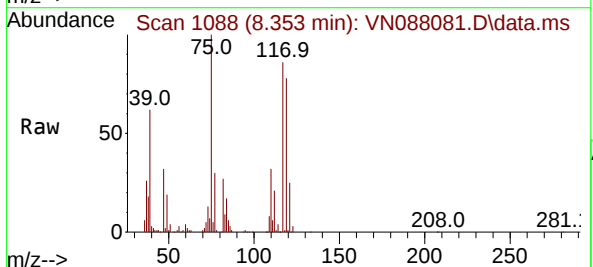
Delta R.T. -0.000 min

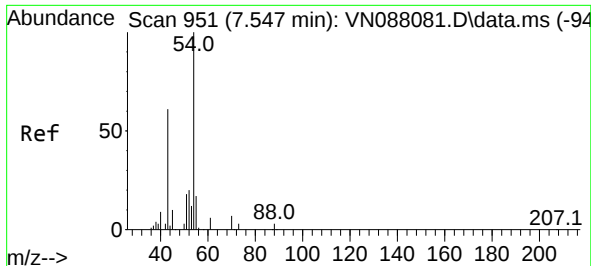
Lab File: VN088081.D

Acq: 23 Oct 2025 11:20

Tgt Ion: 75 Resp: 254886

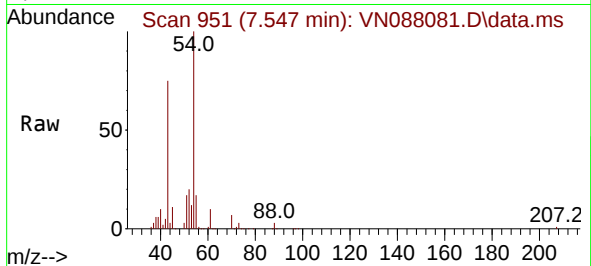
Ion	Ratio	Lower	Upper
75	100		
110	33.3	15.9	47.6
77	31.1	24.4	36.6





#37
Ethyl Acetate
Concen: 38.973 ug/l
RT: 7.547 min Scan# 951
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

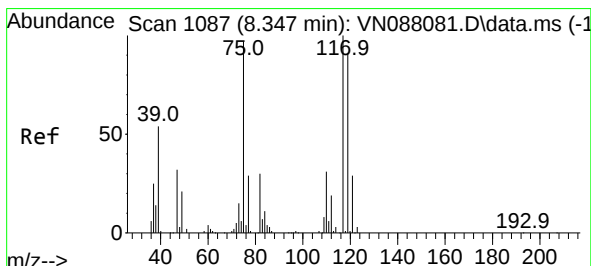
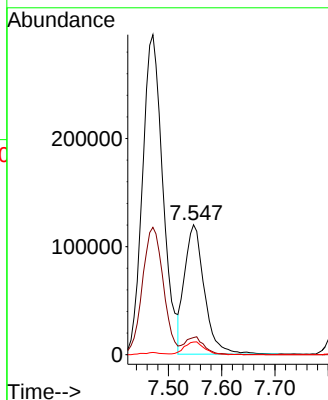
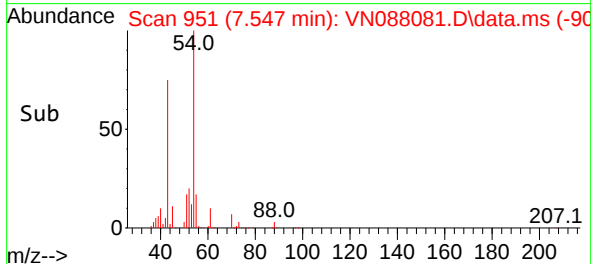
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 308710
Ion Ratio Lower Upper
43 100
61 12.9 9.3 13.9
70 10.2 7.0 10.6

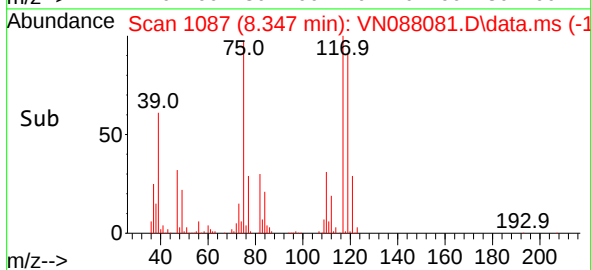
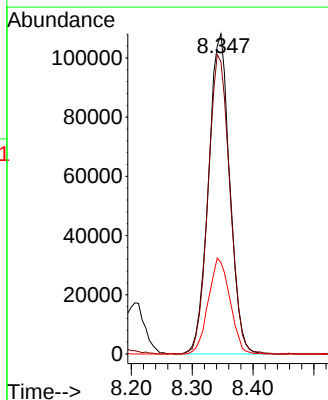
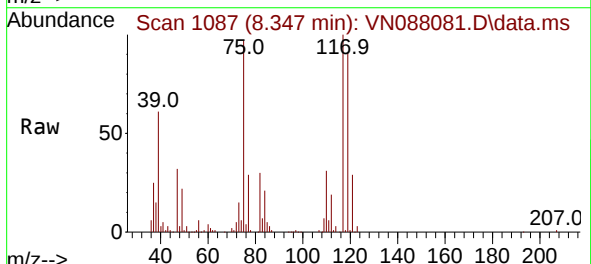
Manual Integrations
APPROVED

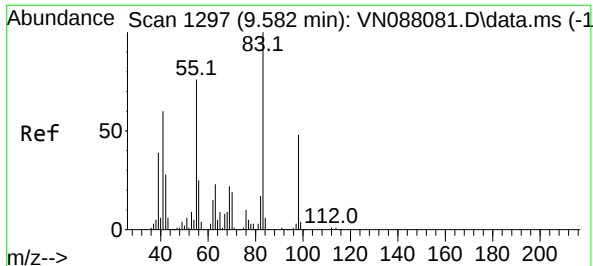
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#38
Carbon Tetrachloride
Concen: 41.178 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

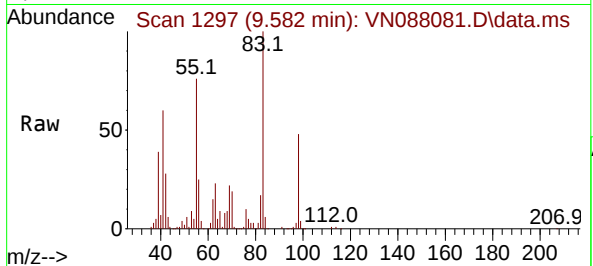
Tgt Ion:117 Resp: 262154
Ion Ratio Lower Upper
117 100
119 91.3 79.0 118.6
121 28.6 25.0 37.6





#39
Methylcyclohexane
Concen: 41.530 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

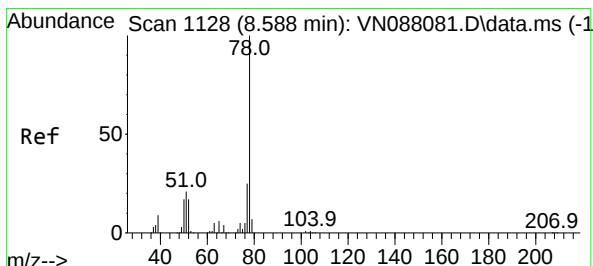
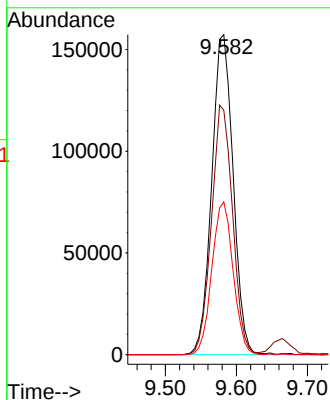
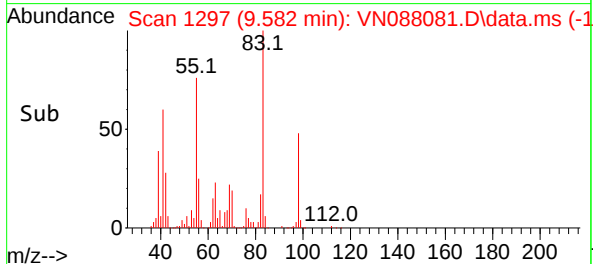
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 329045
Ion Ratio Lower Upper
83 100
55 76.3 64.6 96.8
98 47.7 38.4 57.6

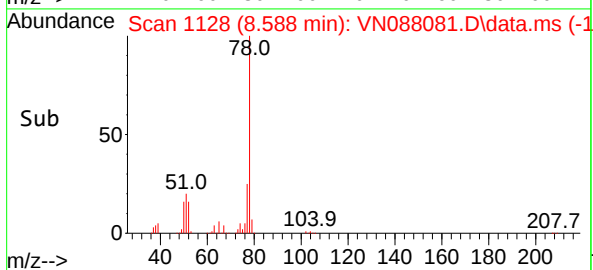
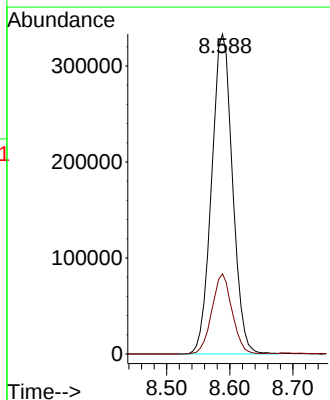
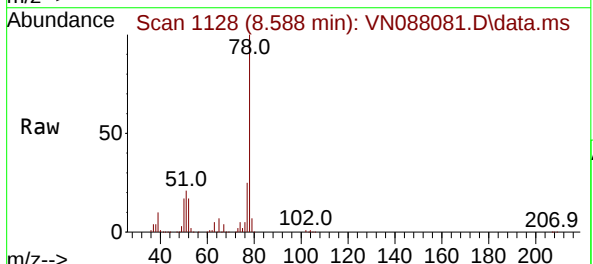
Manual Integrations
APPROVED

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



#40
Benzene
Concen: 40.717 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

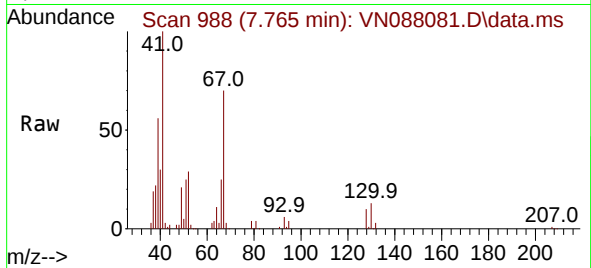
Tgt Ion: 78 Resp: 764344
Ion Ratio Lower Upper
78 100
77 25.1 19.7 29.5





#41
Methacrylonitrile
Concen: 40.604 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

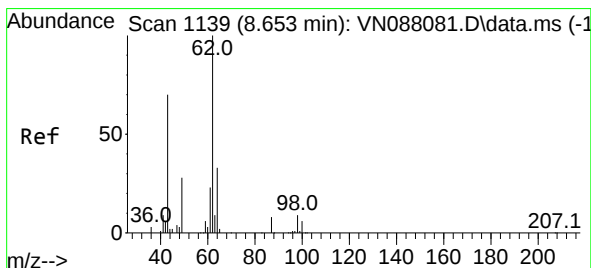
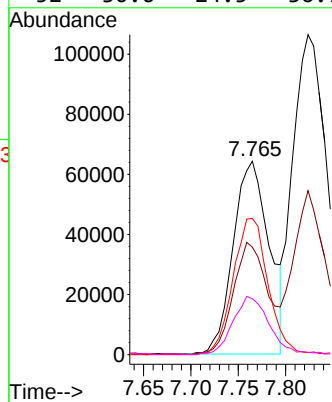
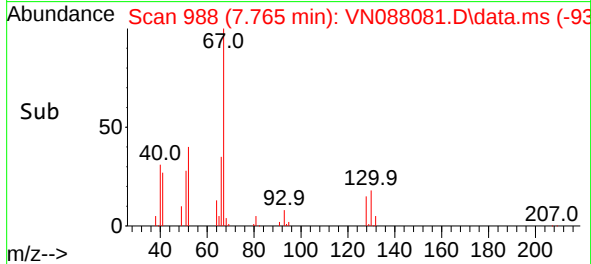
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 169994
Ion Ratio Lower Upper
41 100
39 56.5 45.4 68.0
67 68.7 55.3 82.9
52 30.6 24.5 36.7

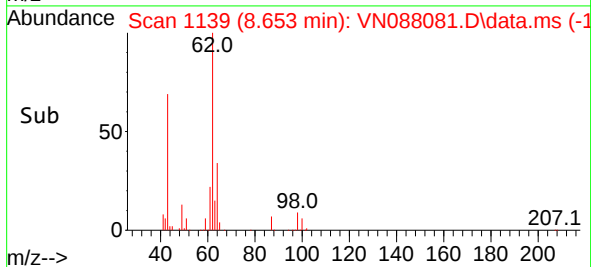
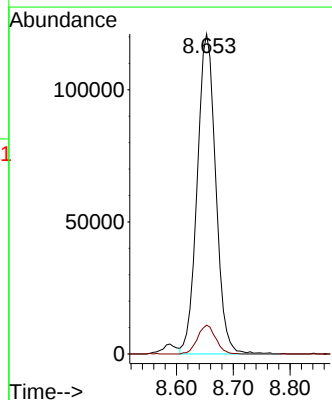
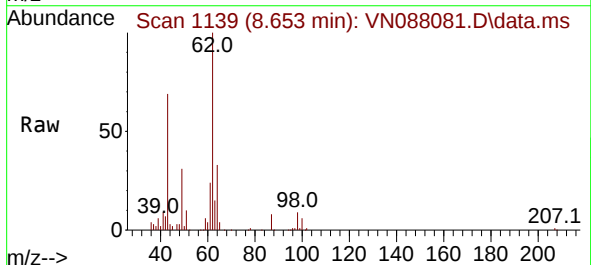
Manual Integrations
APPROVED

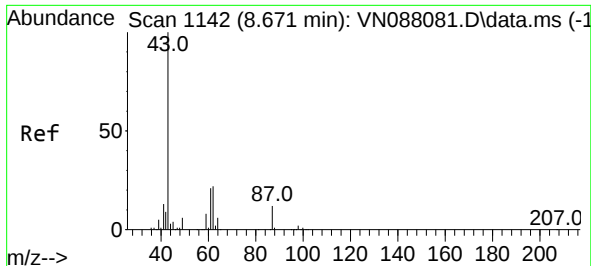
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#42
1,2-Dichloroethane
Concen: 41.094 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

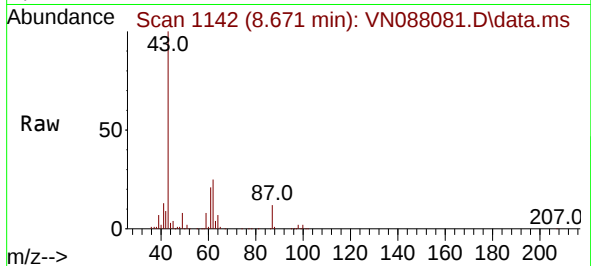
Tgt Ion: 62 Resp: 274103
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.4





#43
Isopropyl Acetate
Concen: 41.668 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

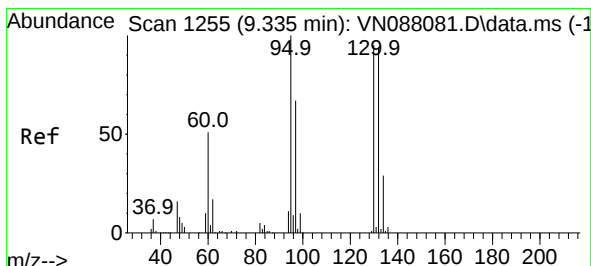
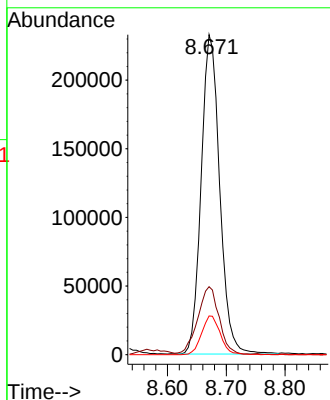
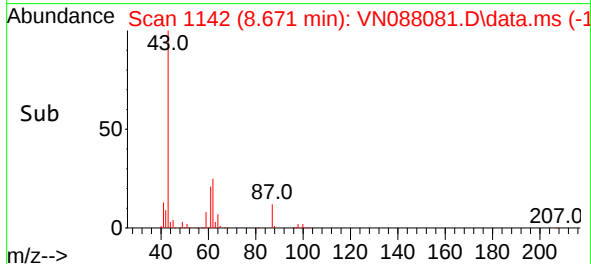
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 509309
Ion Ratio Lower Upper
43 100
61 24.3 18.8 28.2
87 12.2 9.6 14.4

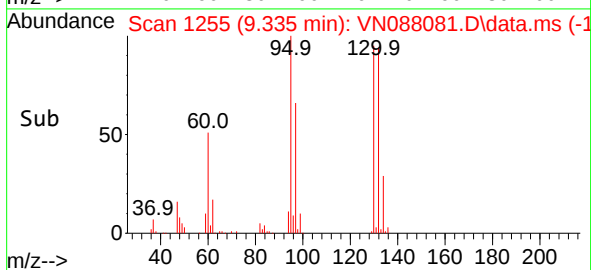
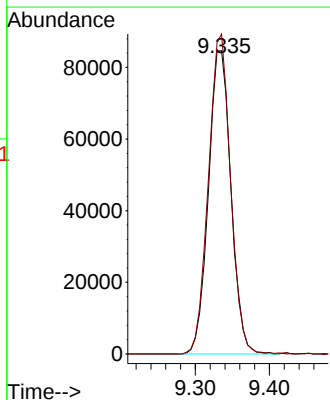
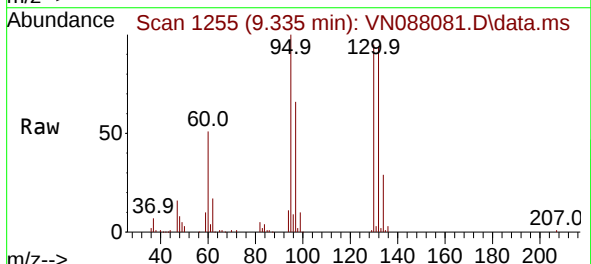
Manual Integrations
APPROVED

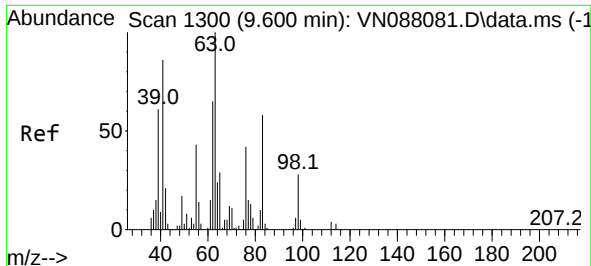
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Trichloroethene
Concen: 40.667 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

Tgt Ion:130 Resp: 178438
Ion Ratio Lower Upper
130 100
95 105.5 0.0 212.0





#45

1,2-Dichloropropane

Concen: 40.637 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088081.D

Acq: 23 Oct 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 19258

Ion Ratio Lower Upper

63 100

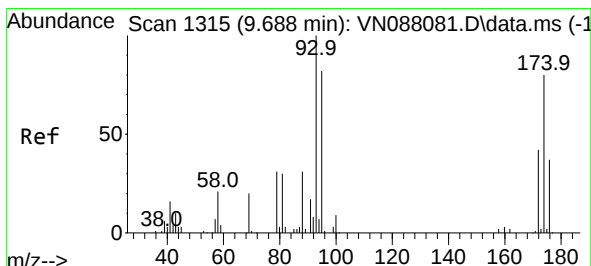
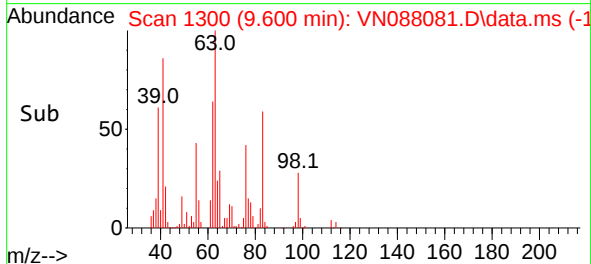
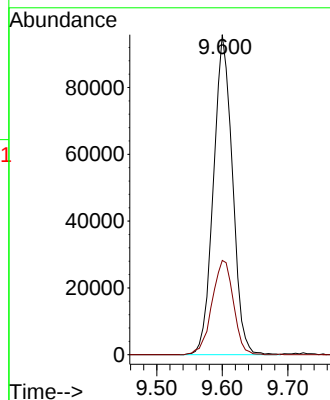
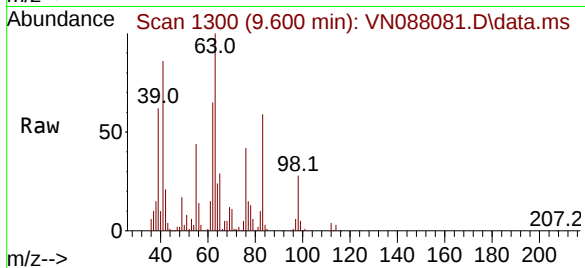
65 29.4 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#46

Dibromomethane

Concen: 40.600 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088081.D

Acq: 23 Oct 2025 11:20

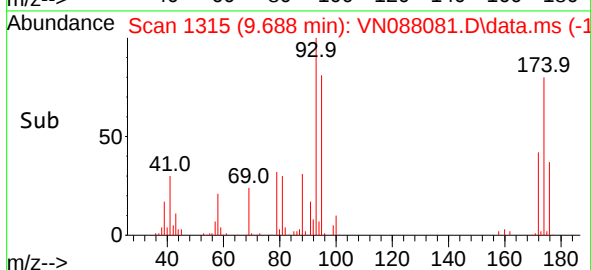
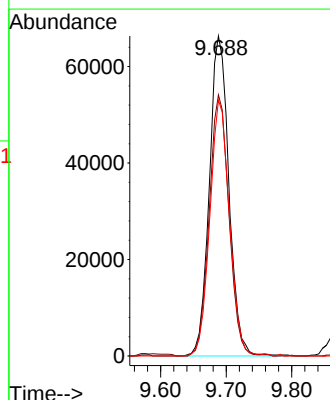
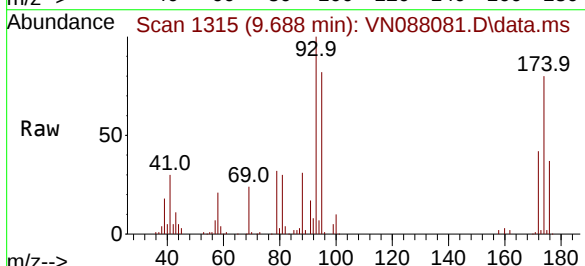
Tgt Ion: 93 Resp: 137229

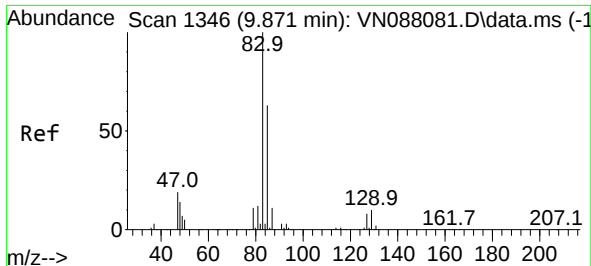
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

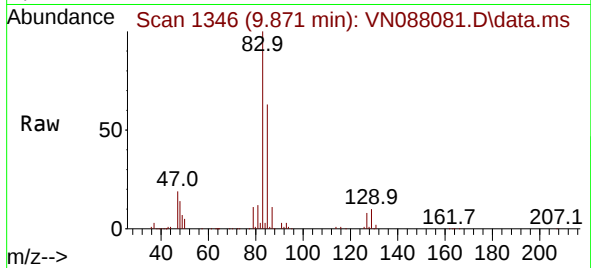
174 80.1 63.4 95.2





#47
Bromodichloromethane
Concen: 40.745 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

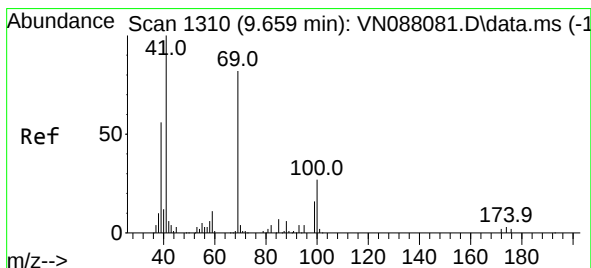
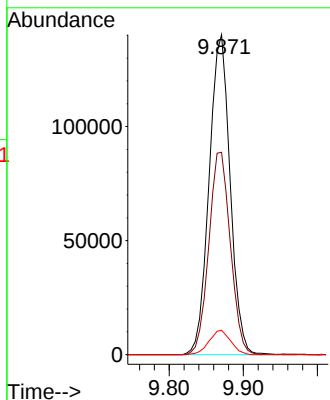
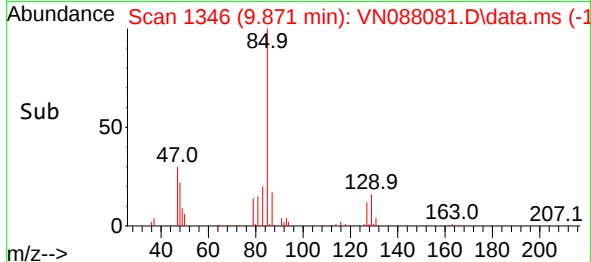
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 275730
Ion Ratio Lower Upper
83 100
85 63.2 52.5 78.7
127 7.7 5.8 8.6

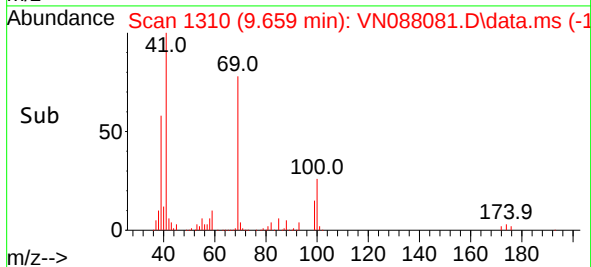
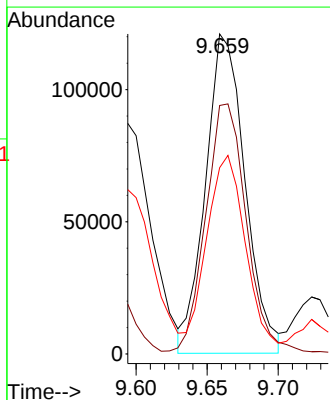
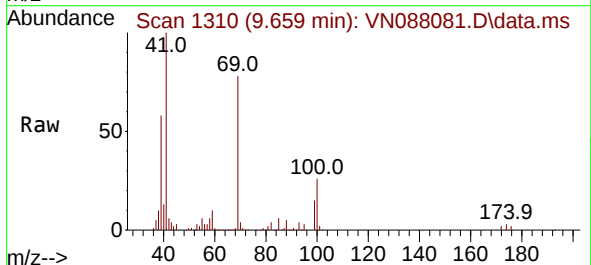
Manual Integrations
APPROVED

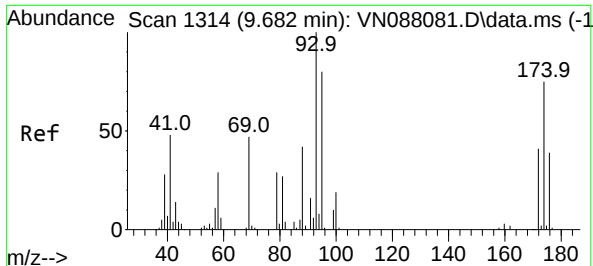
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#48
Methyl methacrylate
Concen: 40.288 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

Tgt Ion: 41 Resp: 233909
Ion Ratio Lower Upper
41 100
69 80.9 62.7 94.1
39 62.4 52.9 79.3





#49

1,4-Dioxane

Concen: 787.940 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN088081.D

Acq: 23 Oct 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 5530

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

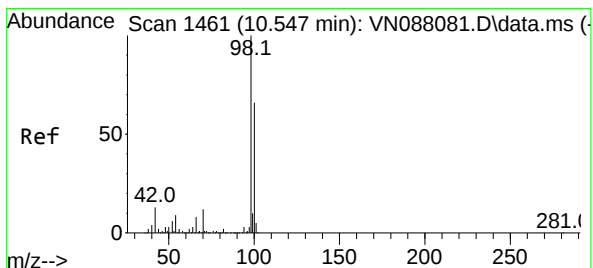
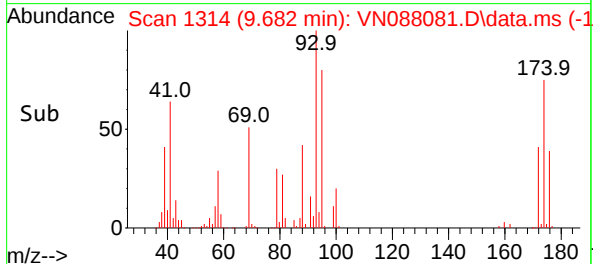
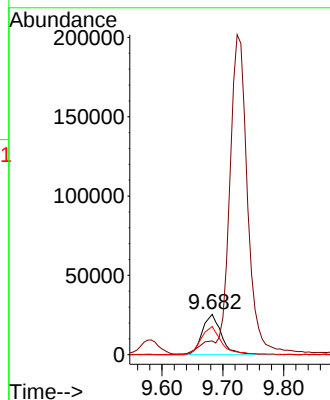
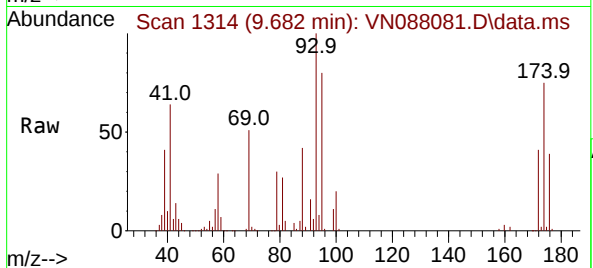
58 74.8 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

Toluene-d8

Concen: 47.265 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088081.D

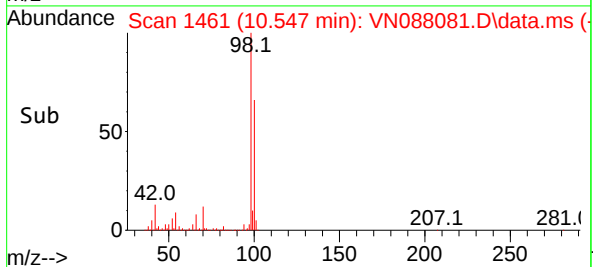
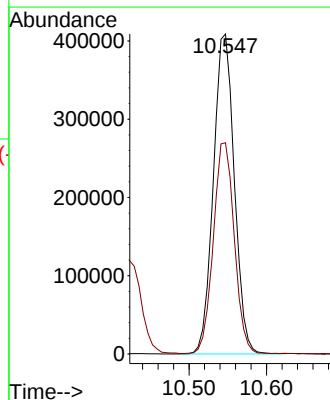
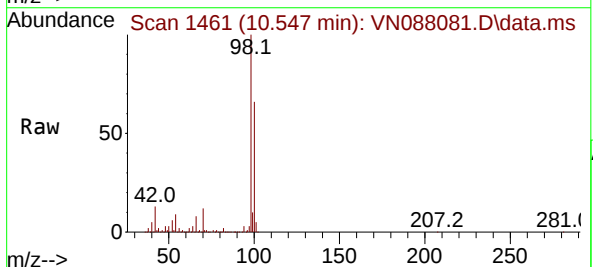
Acq: 23 Oct 2025 11:20

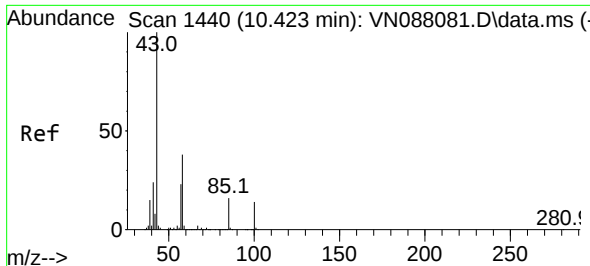
Tgt Ion: 98 Resp: 768846

Ion Ratio Lower Upper

98 100

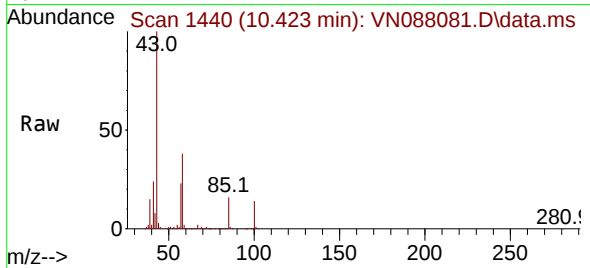
100 65.9 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 210.814 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

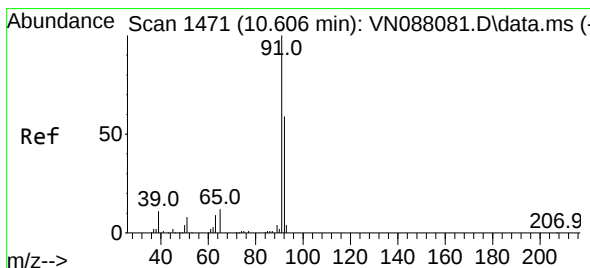
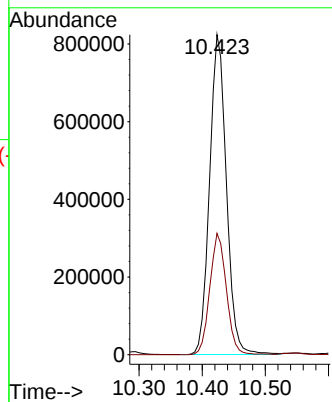
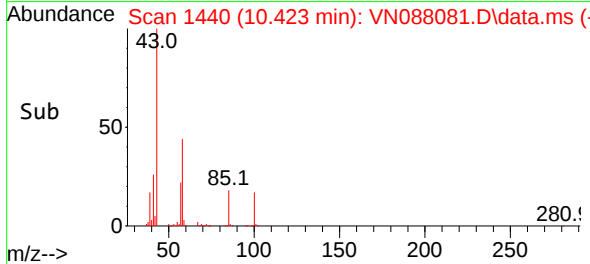
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 1524408
Ion Ratio Lower Upper
43 100
58 37.4 29.6 44.4

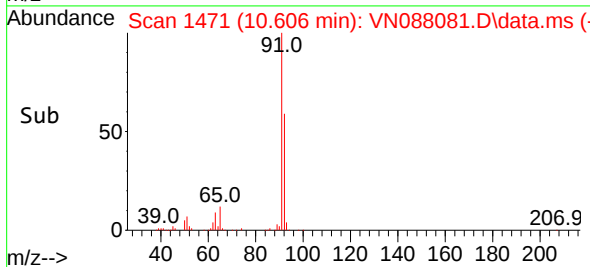
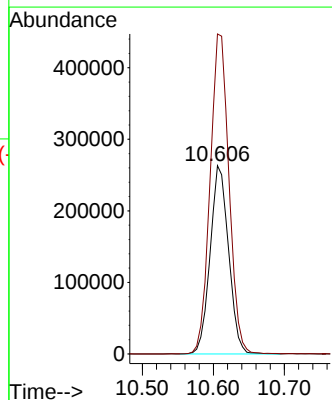
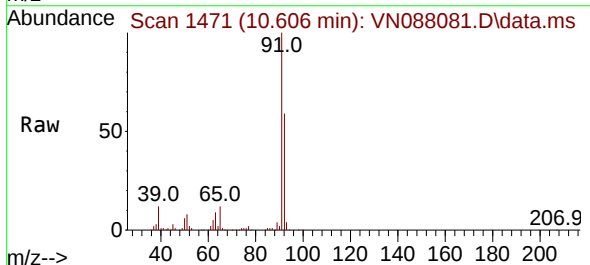
Manual Integrations
APPROVED

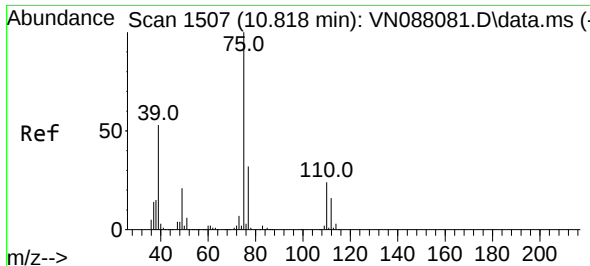
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
Toluene
Concen: 40.995 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

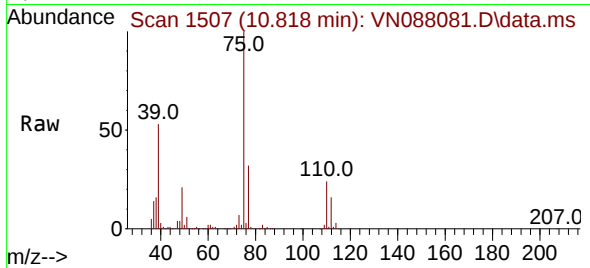
Tgt Ion: 92 Resp: 474479
Ion Ratio Lower Upper
92 100
91 174.2 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 41.776 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

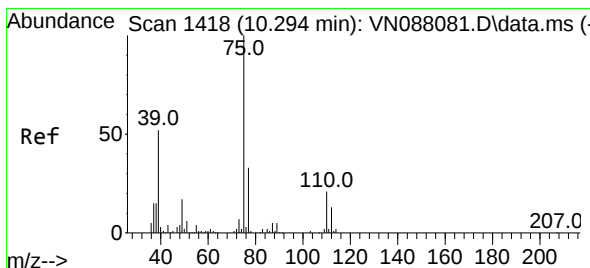
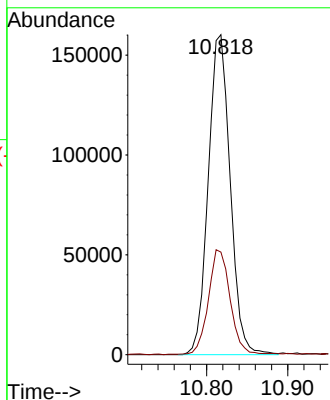
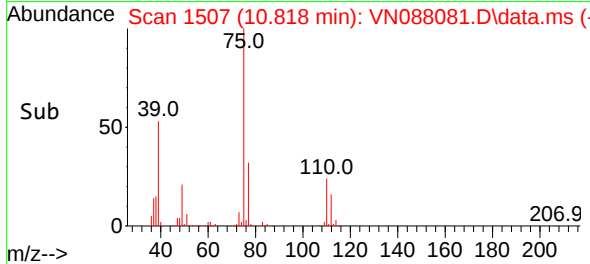
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



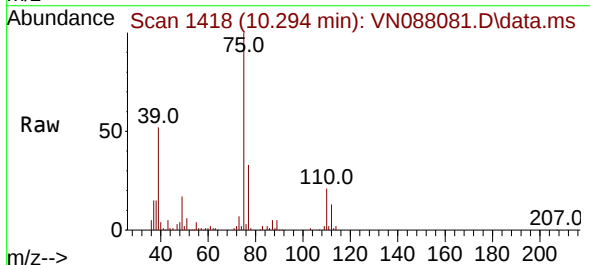
Tgt Ion: 75 Resp: 30089
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8

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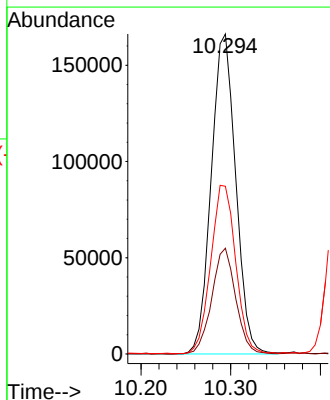
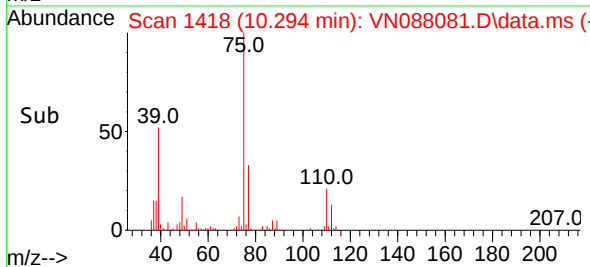
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

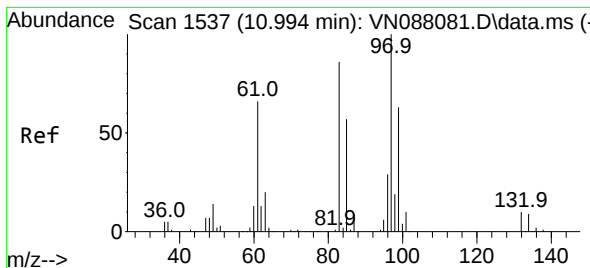


#54
cis-1,3-Dichloropropene
Concen: 41.178 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20



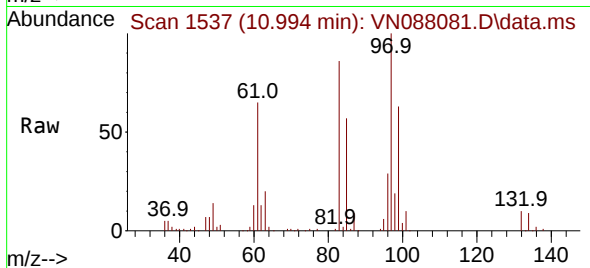
Tgt Ion: 75 Resp: 314717
Ion Ratio Lower Upper
75 100
77 33.0 24.6 37.0
39 52.3 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 40.263 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

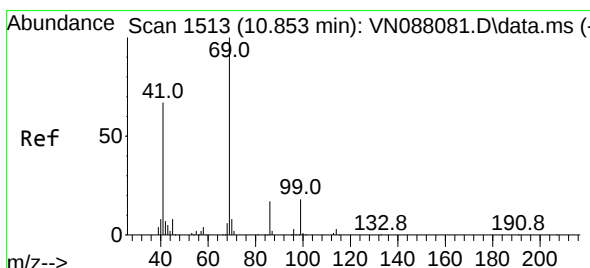
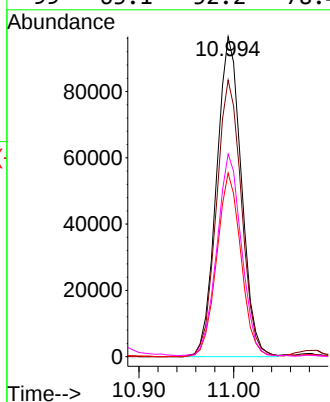
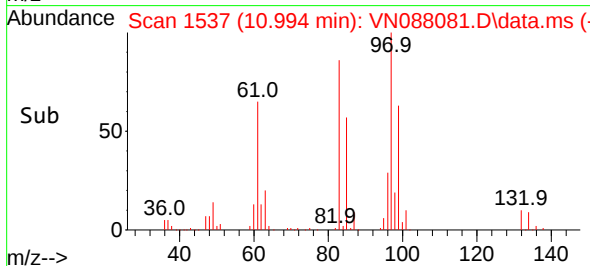
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



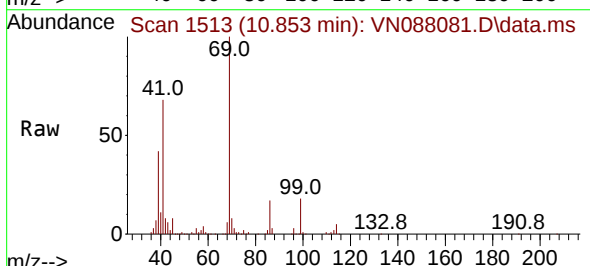
Tgt Ion: 97 Resp: 17679
Ion Ratio Lower Upper
97 100
83 86.4 68.2 102.4
85 57.4 45.5 68.3
99 63.1 52.2 78.4

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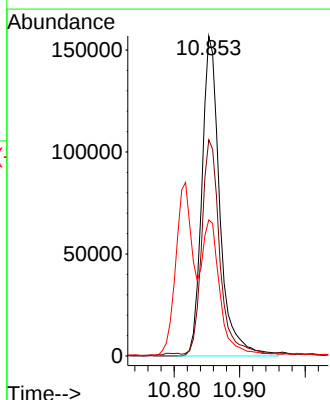
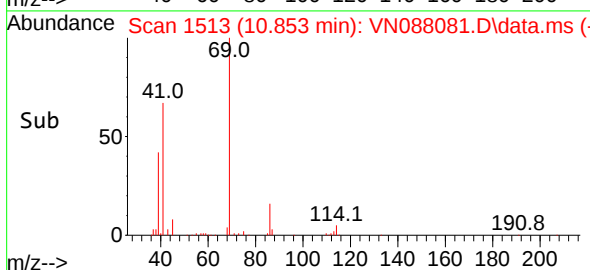
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

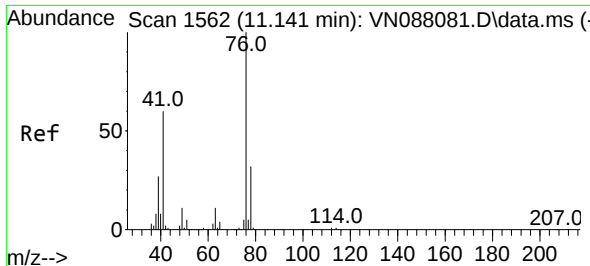


#56
Ethyl methacrylate
Concen: 43.059 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20



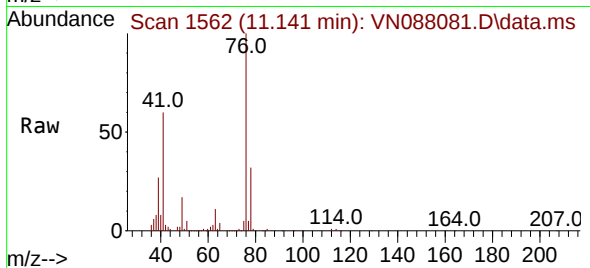
Tgt Ion: 69 Resp: 298768
Ion Ratio Lower Upper
69 100
41 67.3 56.5 84.7
39 41.9 34.2 51.4





#57
1,3-Dichloropropane
Concen: 41.174 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

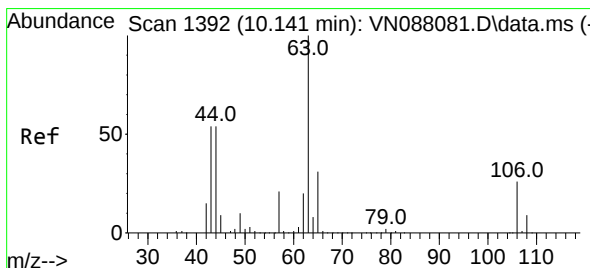
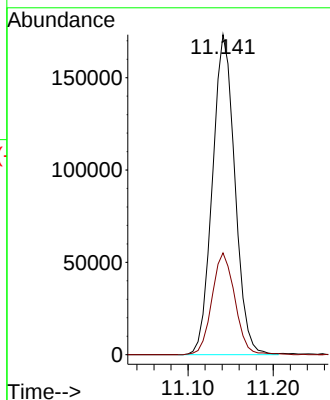
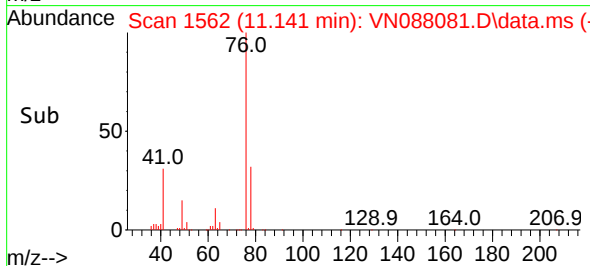
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 31778
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4

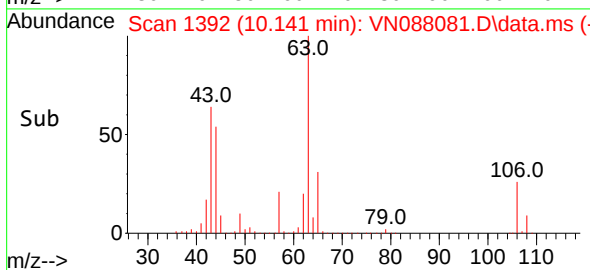
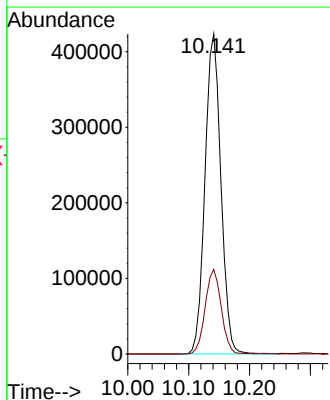
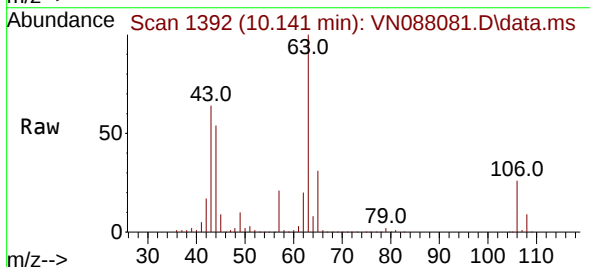
Manual Integrations
APPROVED

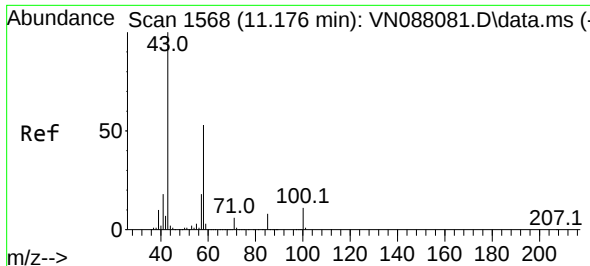
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 213.014 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

Tgt Ion: 63 Resp: 769938
Ion Ratio Lower Upper
63 100
106 26.6 21.1 31.7





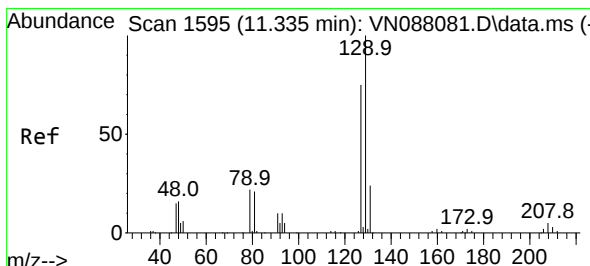
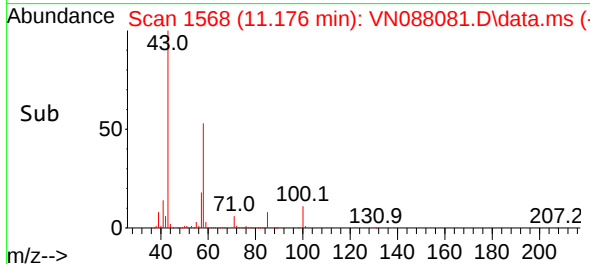
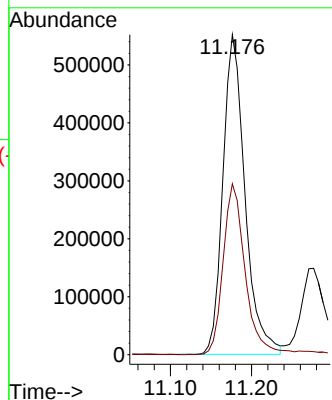
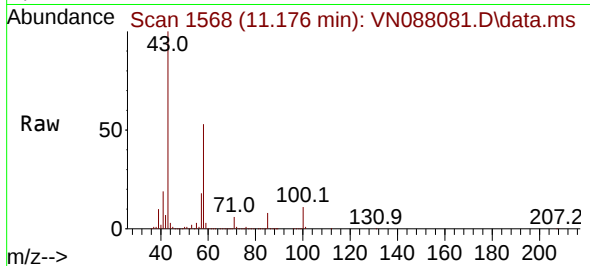
#59
2-Hexanone
Concen: 220.085 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 104474
Ion Ratio Lower Upper
43 100
58 53.4 25.9 77.8

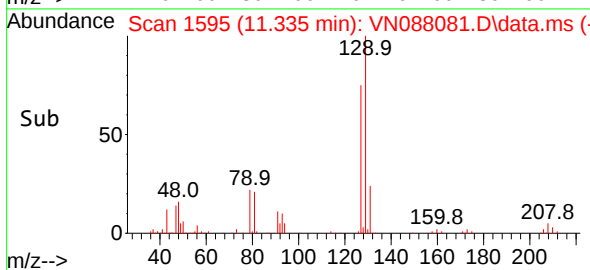
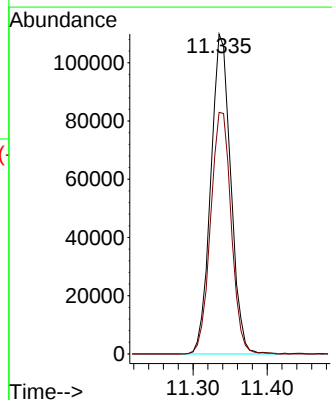
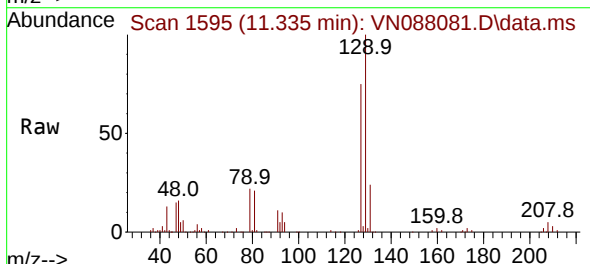
Manual Integrations
APPROVED

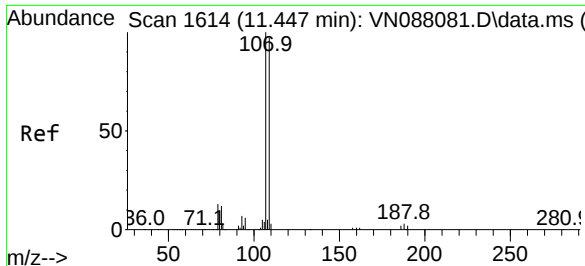
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#60
Dibromochloromethane
Concen: 41.154 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

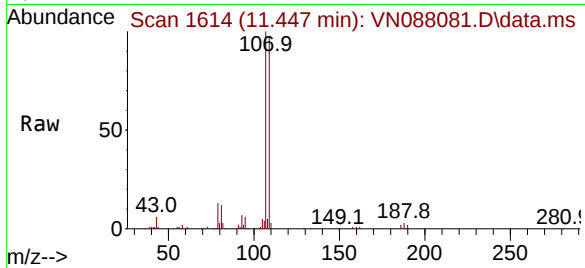
Tgt Ion:129 Resp: 205395
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.3





#61
1,2-Dibromoethane
Concen: 40.156 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

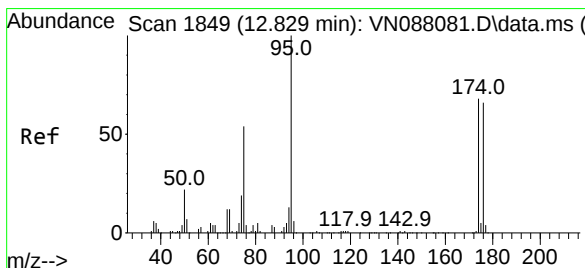
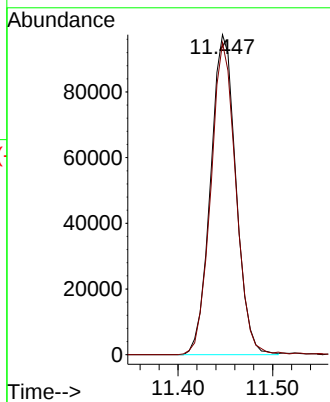
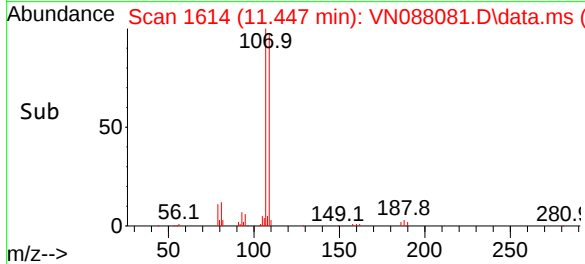
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 181469
Ion Ratio Lower Upper
107 100
109 96.3 74.7 112.1

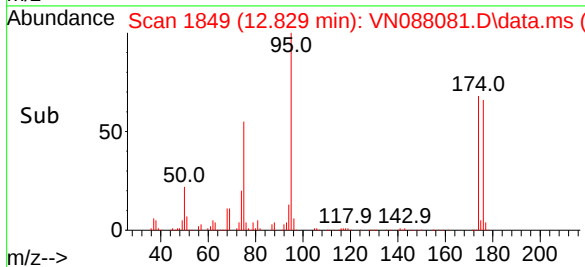
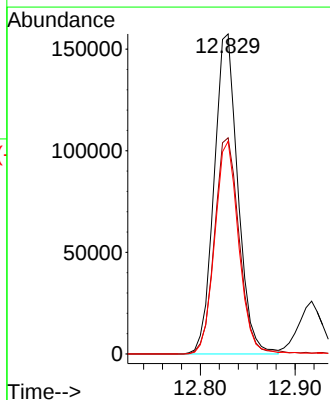
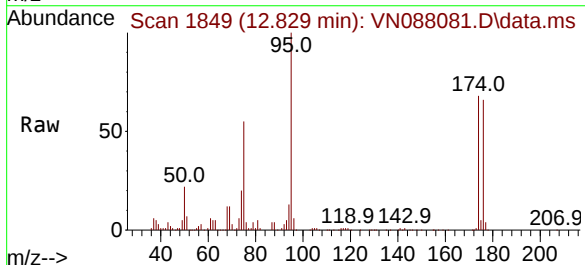
Manual Integrations
APPROVED

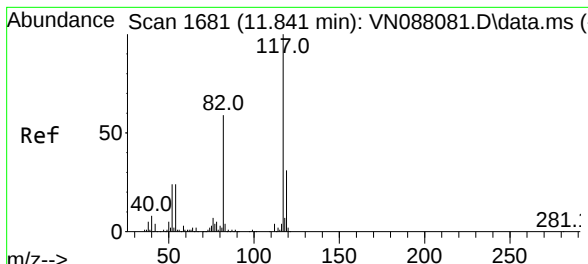
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#62
4-Bromofluorobenzene
Concen: 47.966 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

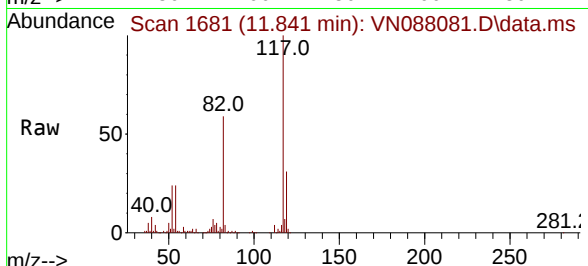
Tgt Ion: 95 Resp: 275556
Ion Ratio Lower Upper
95 100
174 70.7 0.0 138.4
176 66.7 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

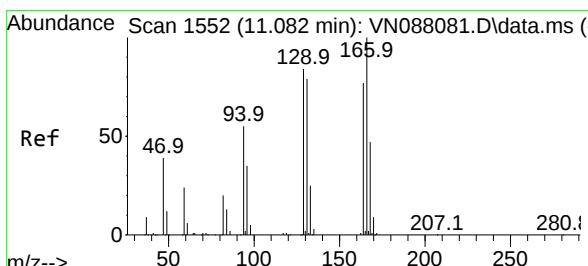
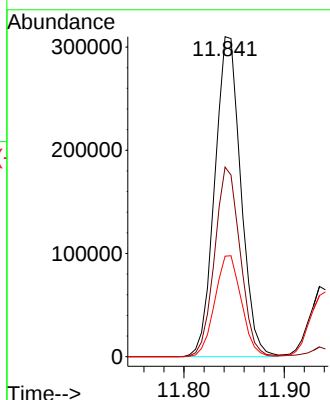
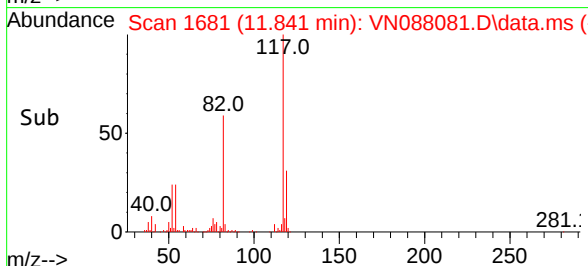
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



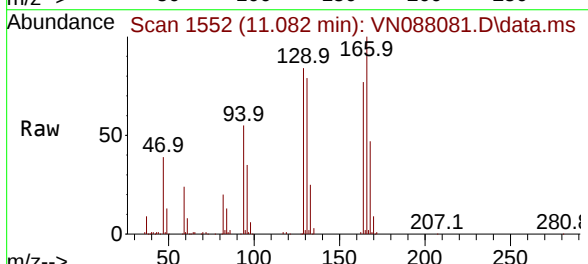
Tgt Ion:117 Resp: 559799
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 31.4 24.3 36.5

Manual Integrations
APPROVED

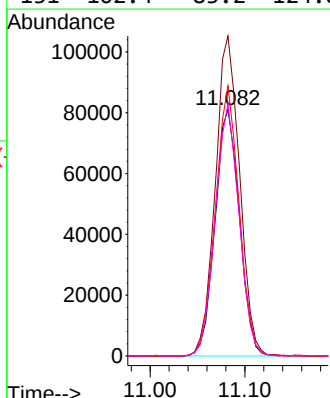
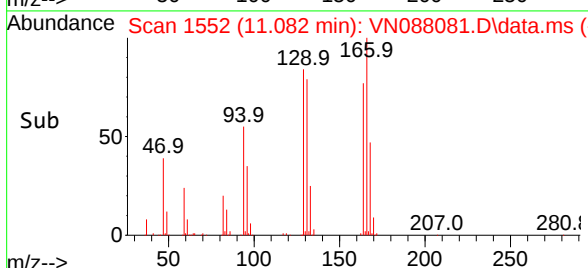
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

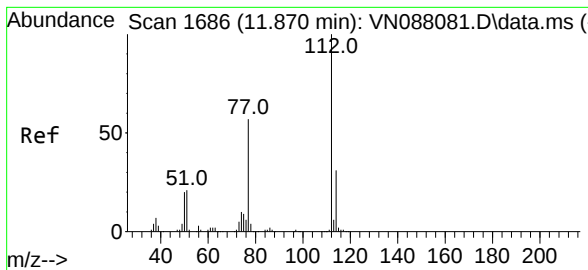


#64
Tetrachloroethene
Concen: 39.103 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20



Tgt Ion:164 Resp: 144389
Ion Ratio Lower Upper
164 100
166 129.8 97.7 146.5
129 109.5 85.9 128.9
131 102.4 83.2 124.8





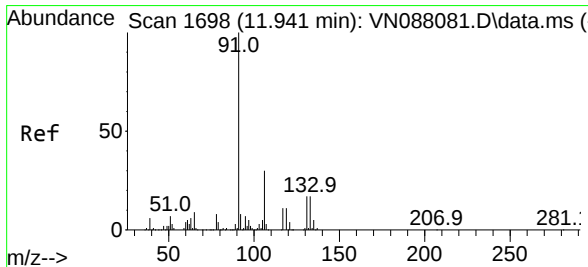
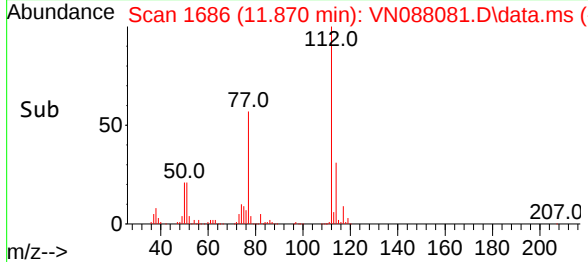
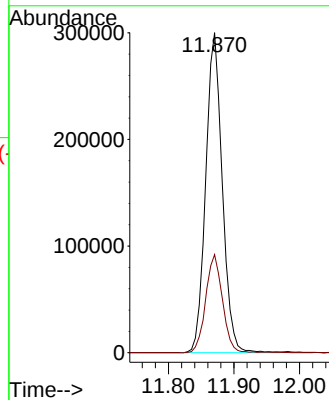
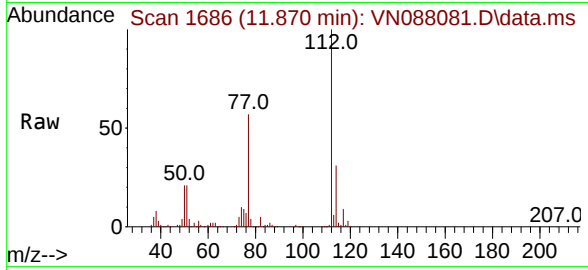
#65
Chlorobenzene
Concen: 41.452 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 526904
Ion Ratio Lower Upper
112 100
114 30.7 24.3 36.5

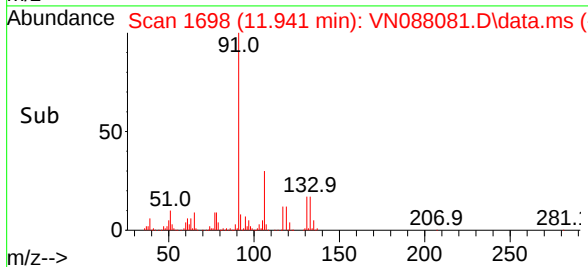
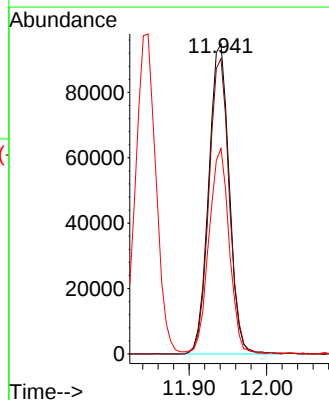
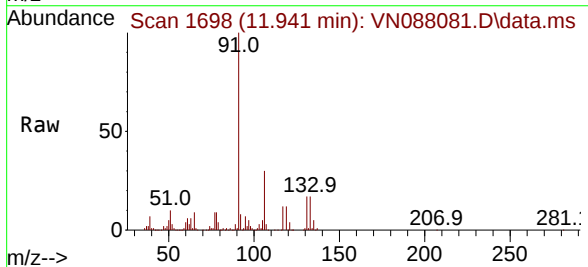
Manual Integrations
APPROVED

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



#66
1,1,1,2-Tetrachloroethane
Concen: 41.687 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

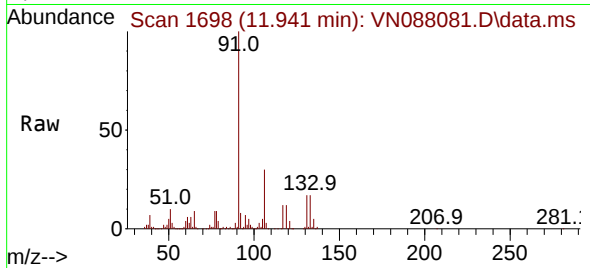
Tgt Ion:131 Resp: 173604
Ion Ratio Lower Upper
131 100
133 95.0 48.0 144.0
119 65.7 32.6 97.7





#67
Ethyl Benzene
Concen: 41.382 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

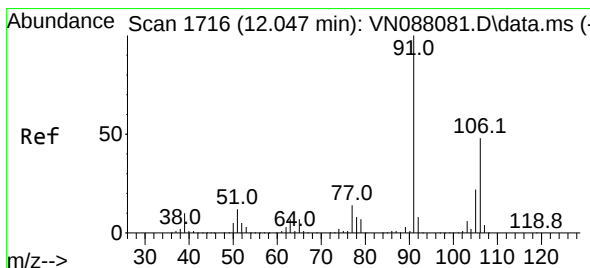
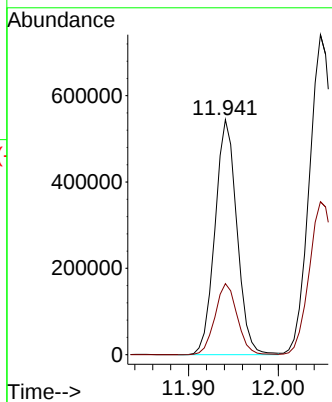
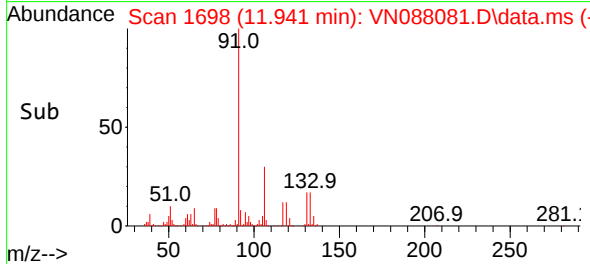
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



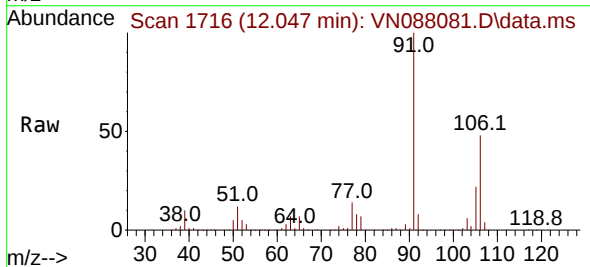
Tgt Ion: 91 Resp: 923328
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1

Manual Integrations
APPROVED

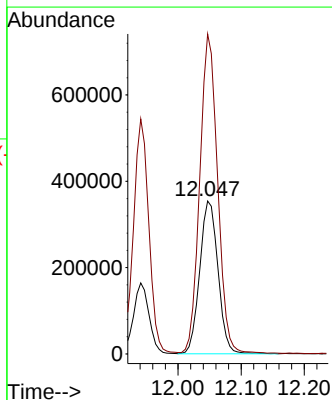
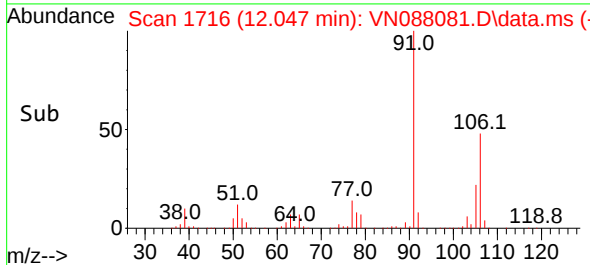
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

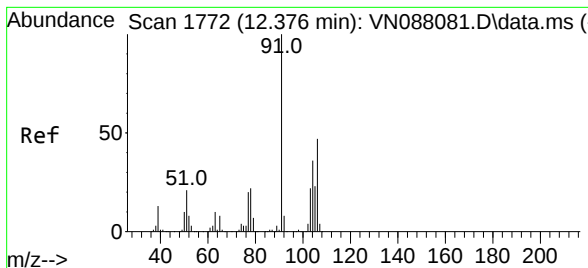


#68
m/p-Xylenes
Concen: 84.991 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20



Tgt Ion:106 Resp: 710517
Ion Ratio Lower Upper
106 100
91 204.4 169.3 253.9





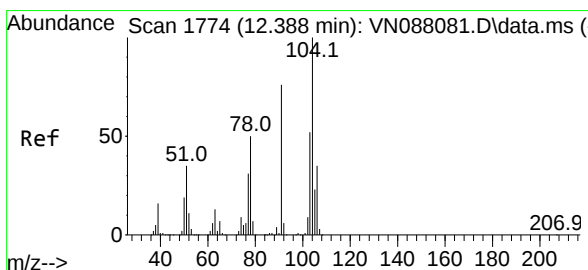
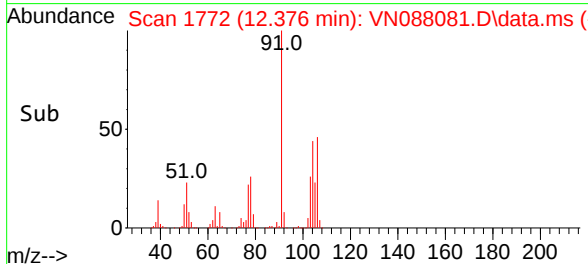
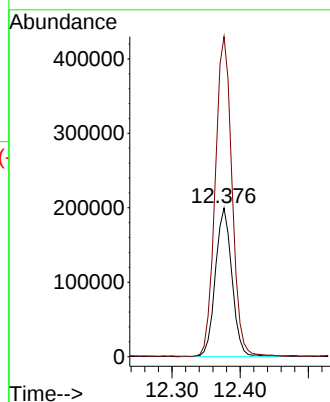
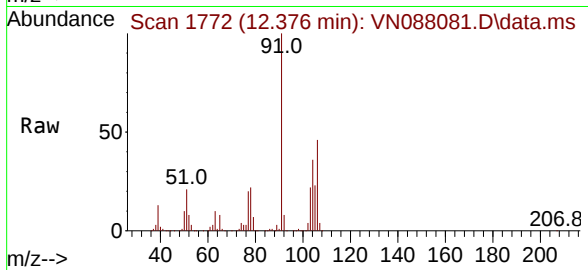
#69
o-Xylene
Concen: 42.650 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 337999
Ion Ratio Lower Upper
106 100
91 217.7 111.4 334.2

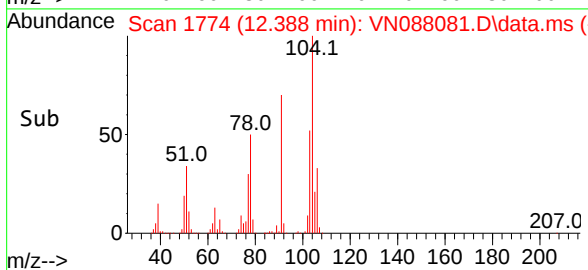
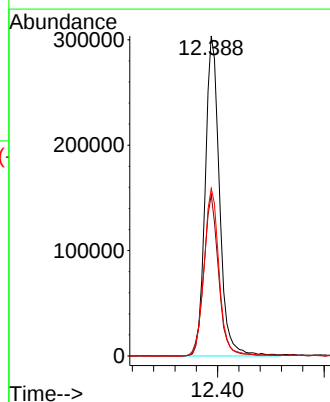
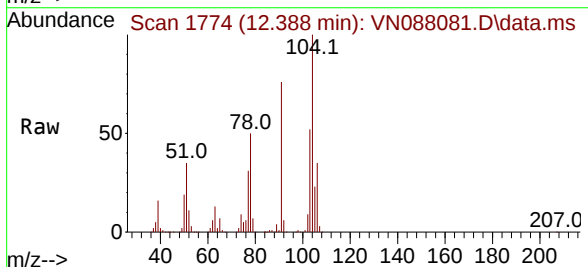
Manual Integrations
APPROVED

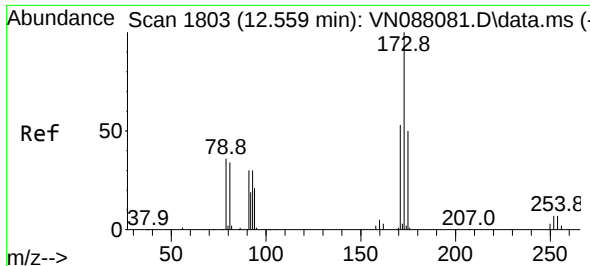
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 43.775 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

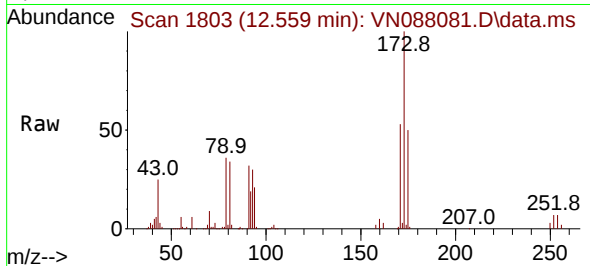
Tgt Ion:104 Resp: 565710
Ion Ratio Lower Upper
104 100
78 51.8 42.2 63.2
103 55.1 43.4 65.2





#71
Bromoform
Concen: 42.013 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

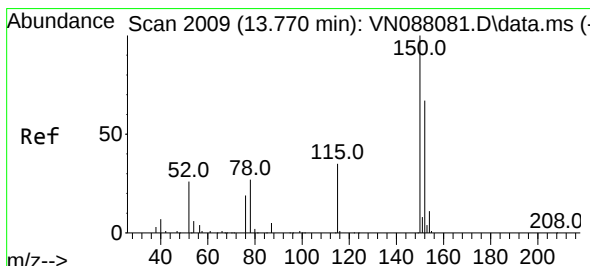
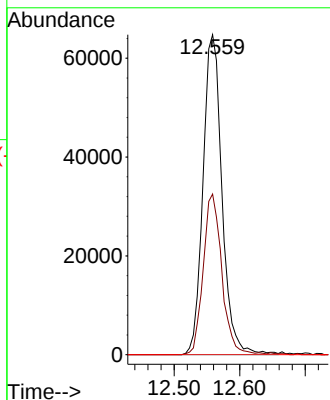
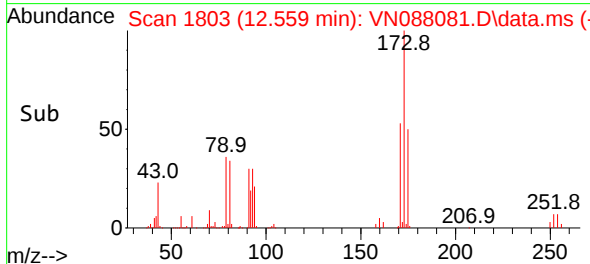
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



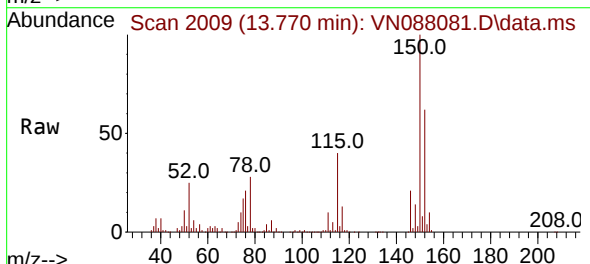
Tgt Ion:173 Resp: 130569
Ion Ratio Lower Upper
173 100
175 49.2 24.9 74.6
254 0.0 0.1 0.1

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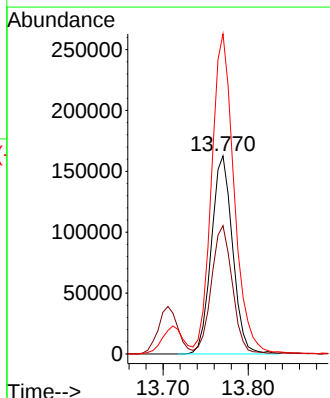
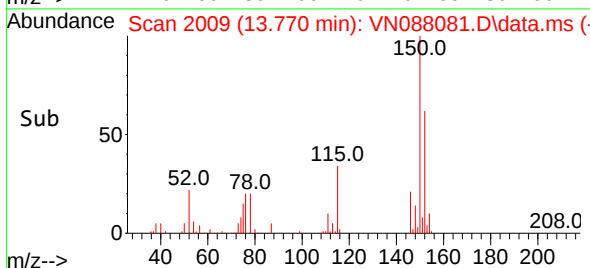
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

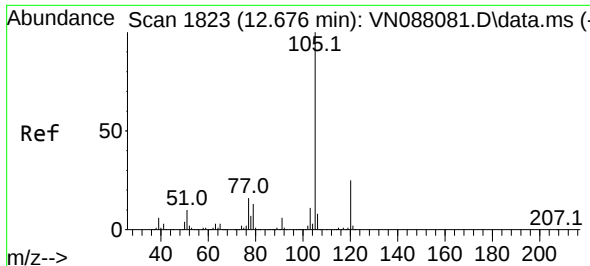


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20



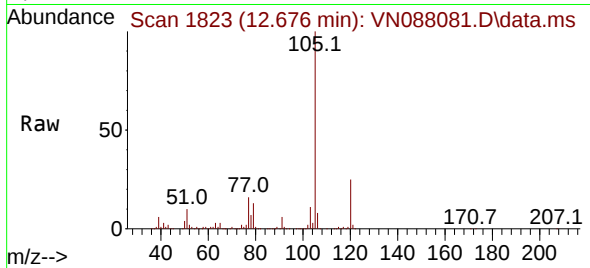
Tgt Ion:152 Resp: 281739
Ion Ratio Lower Upper
152 100
115 64.1 32.3 96.8
150 171.3 0.0 351.0





#73
Isopropylbenzene
Concen: 41.140 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

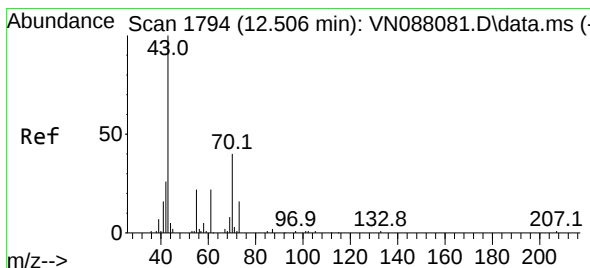
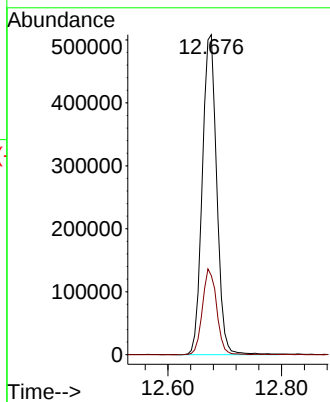
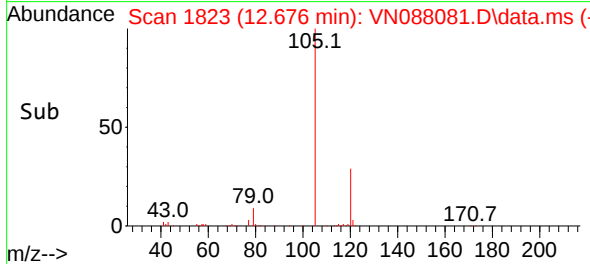
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



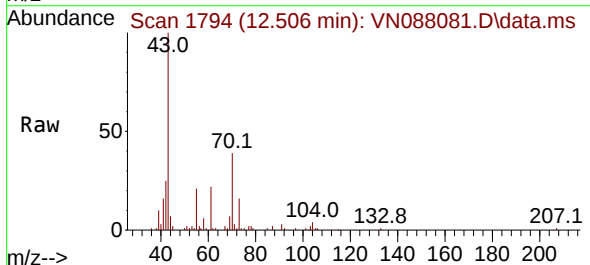
Tgt Ion:105 Resp: 893962
Ion Ratio Lower Upper
105 100
120 26.3 12.8 38.3

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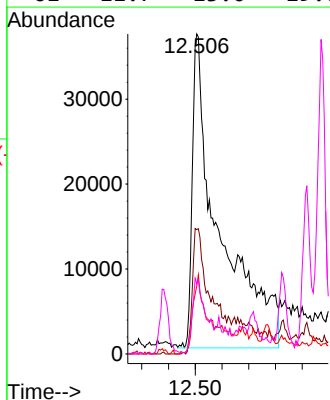
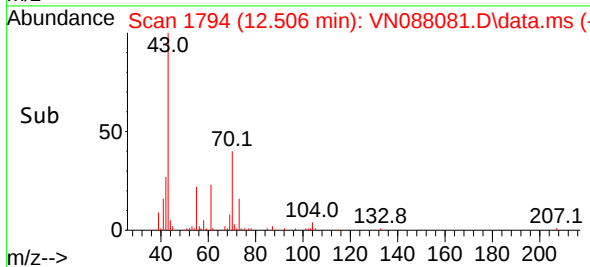
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

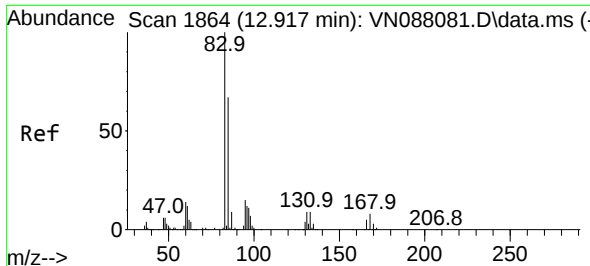


#74
N-ethyl acetate
Concen: 51.362 ug/l m
RT: 12.506 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20



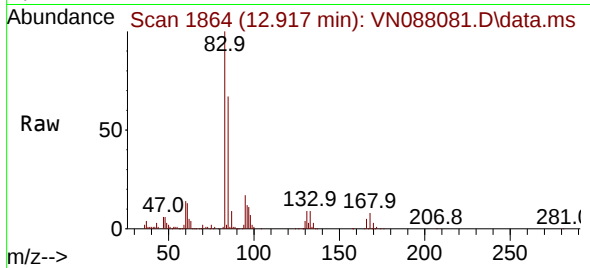
Tgt Ion: 43 Resp: 259151
Ion Ratio Lower Upper
43 100
70 27.8 27.6 41.4
55 12.8 13.0 19.6#
61 11.7 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 39.836 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

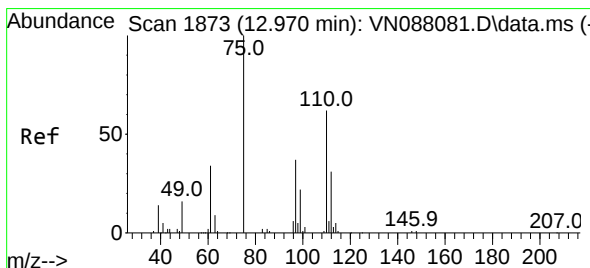
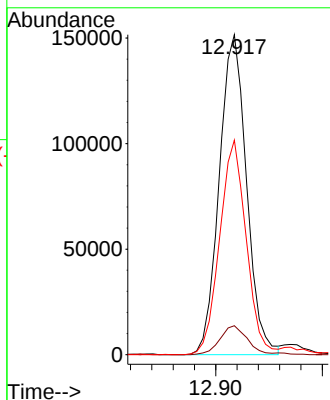
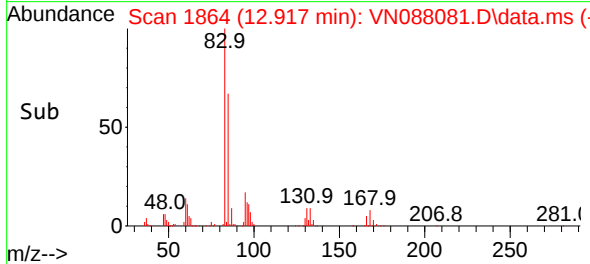
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 269498
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 65.3 32.1 96.3

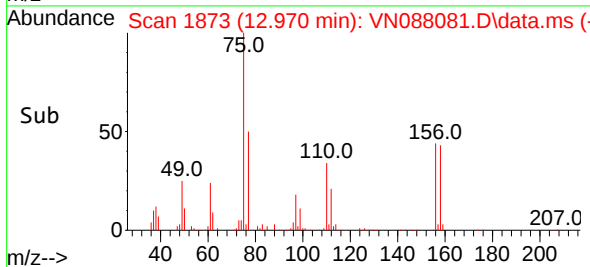
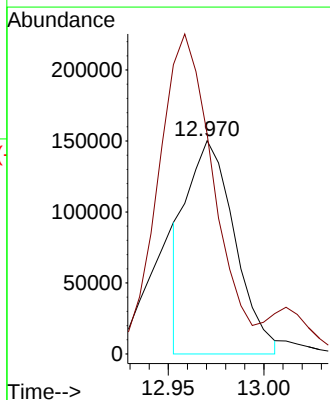
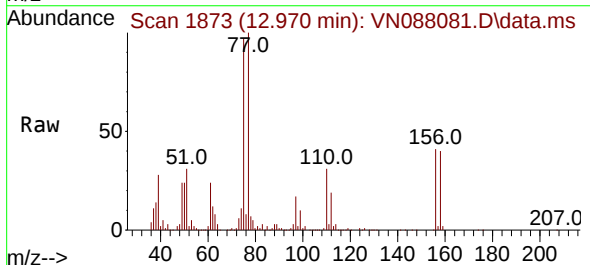
Manual Integrations
APPROVED

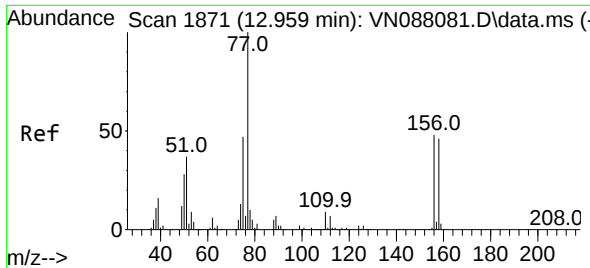
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,2,3-Trichloropropane
Concen: 43.425 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

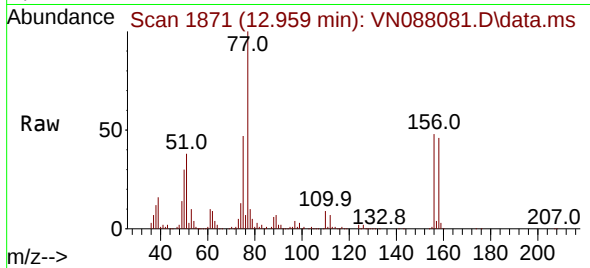
Tgt Ion: 75 Resp: 261895
Ion Ratio Lower Upper
75 100
77 173.0 89.1 267.4





#77
Bromobenzene
Concen: 41.334 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

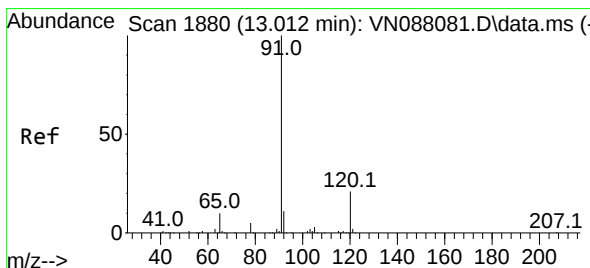
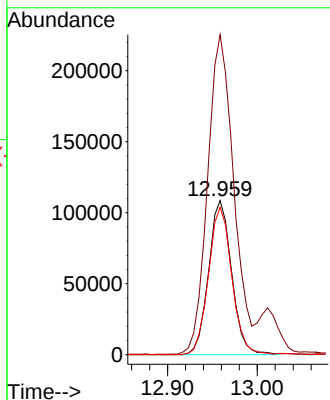
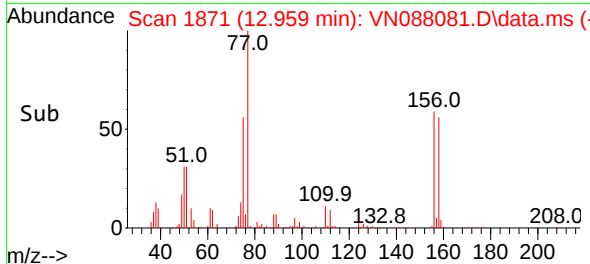
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



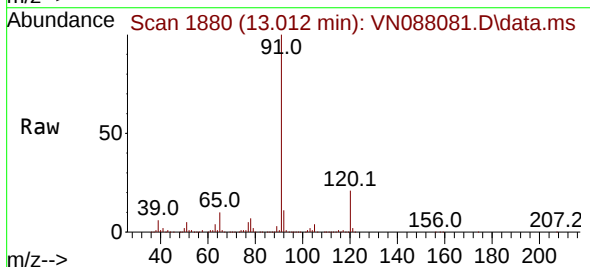
Tgt Ion:156 Resp: 193682
Ion Ratio Lower Upper
156 100
77 233.9 119.3 358.0
158 96.6 48.2 144.6

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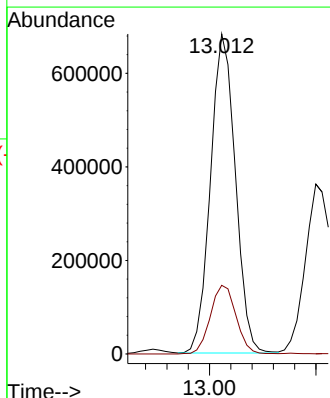
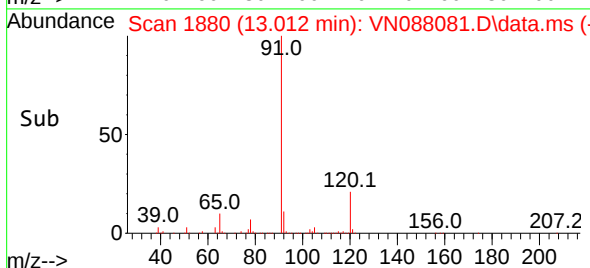
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

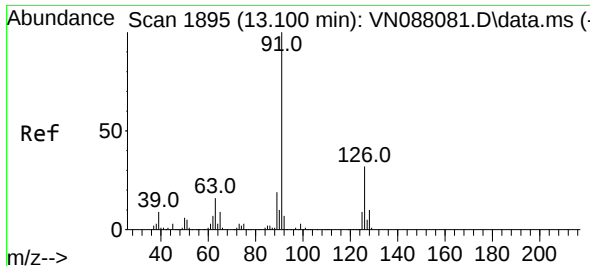


#78
n-propylbenzene
Concen: 41.704 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20



Tgt Ion: 91 Resp: 1105898
Ion Ratio Lower Upper
91 100
120 22.2 10.7 32.1





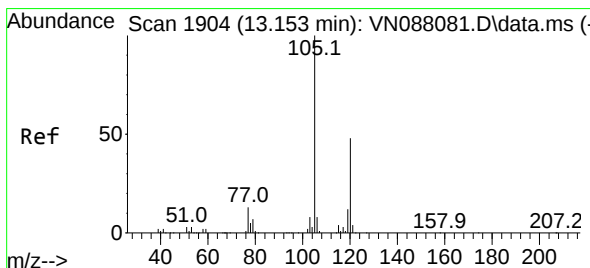
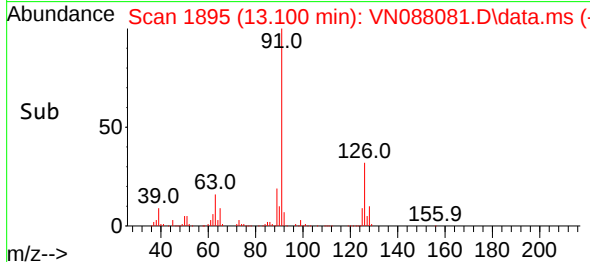
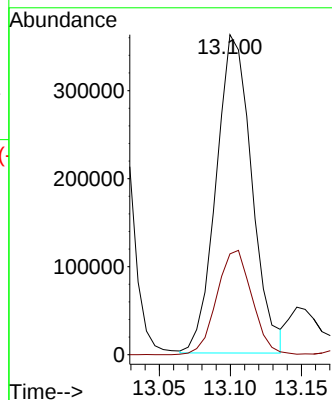
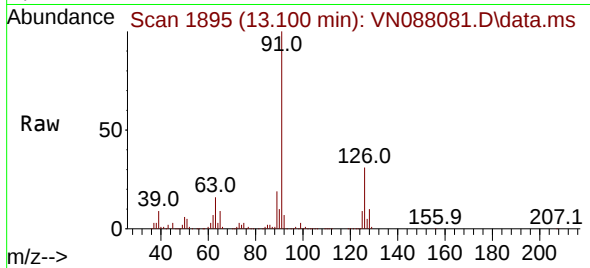
#79
2-Chlorotoluene
Concen: 41.827 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 63253
Ion Ratio Lower Upper
91 100
126 32.4 16.1 48.3

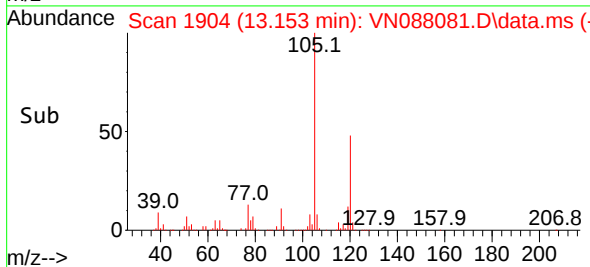
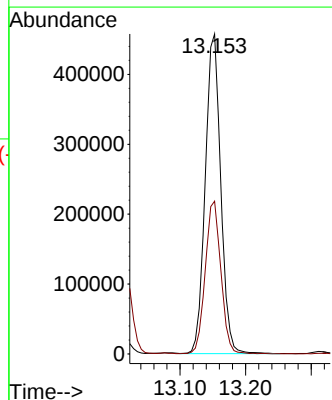
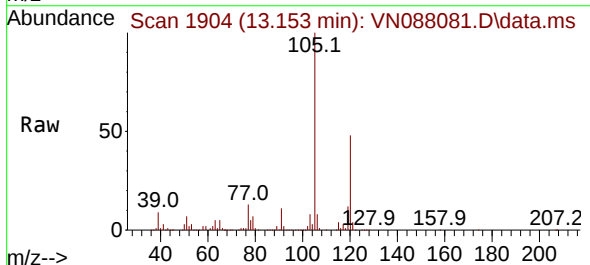
Manual Integrations
APPROVED

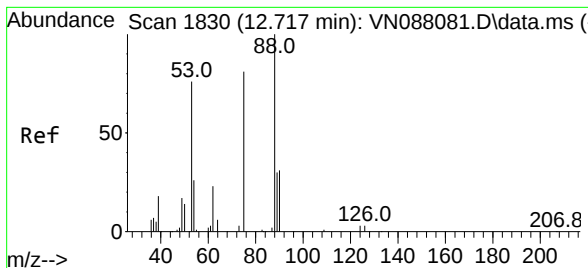
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 41.667 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

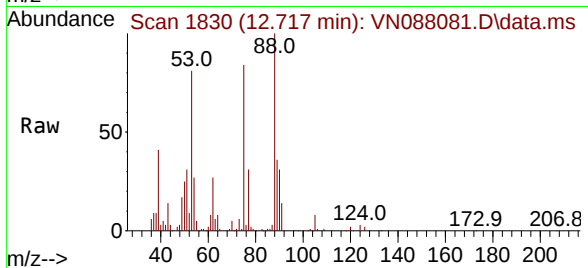
Tgt Ion:105 Resp: 751960
Ion Ratio Lower Upper
105 100
120 48.3 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 38.524 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

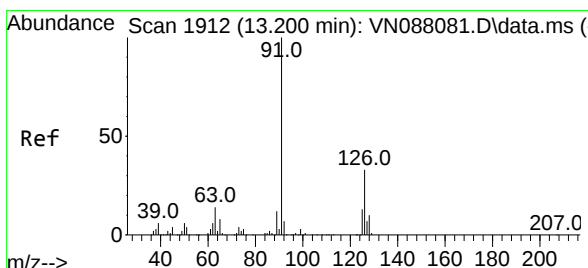
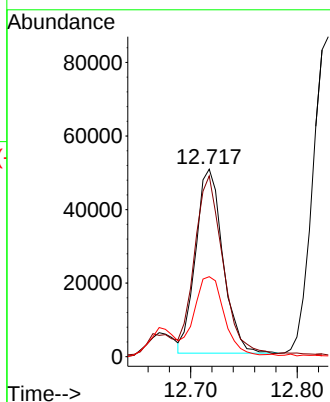
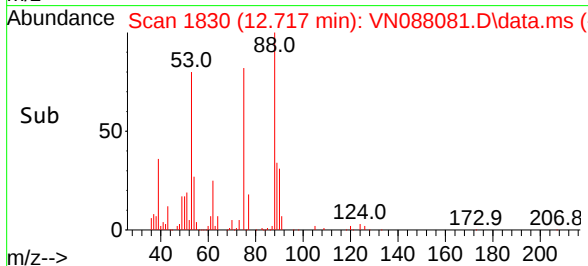
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 8918
Ion Ratio Lower Upper
75 100
53 100.2 101.8 152.6
89 47.6 35.6 53.4

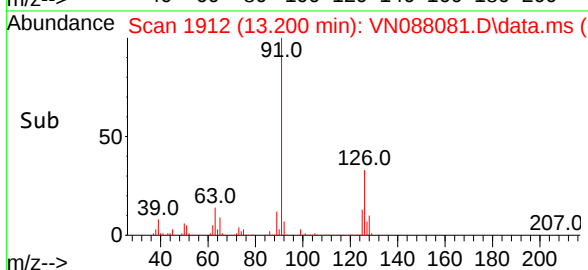
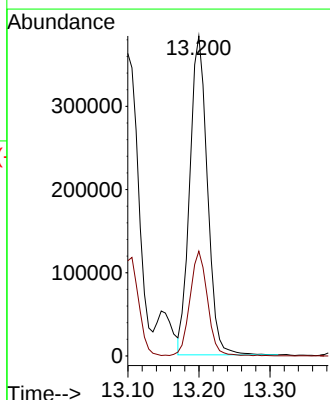
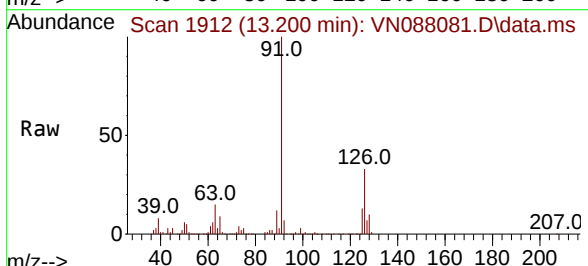
Manual Integrations
APPROVED

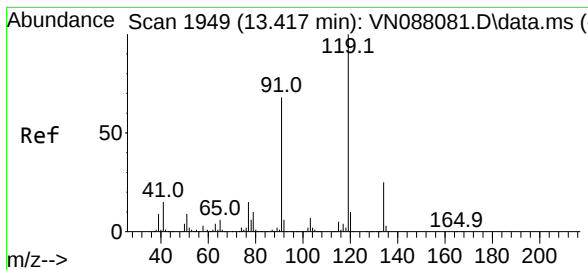
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#82
4-Chlorotoluene
Concen: 40.376 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

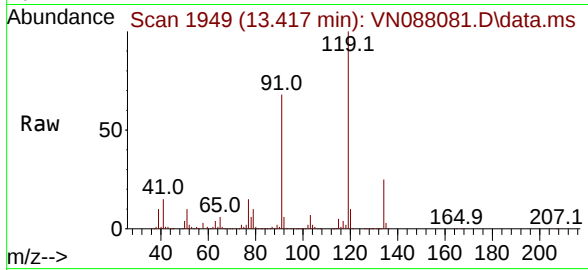
Tgt Ion: 91 Resp: 660605
Ion Ratio Lower Upper
91 100
126 32.9 15.6 46.8





#83
tert-Butylbenzene
Concen: 41.215 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

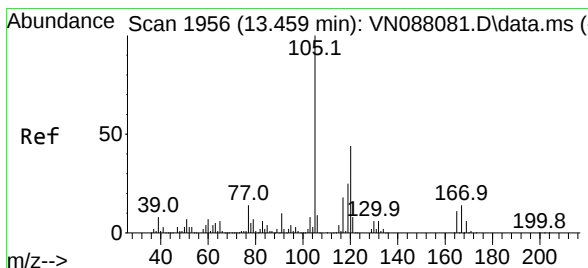
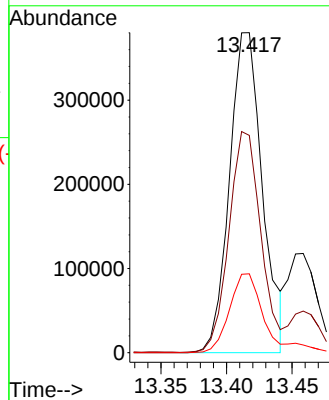
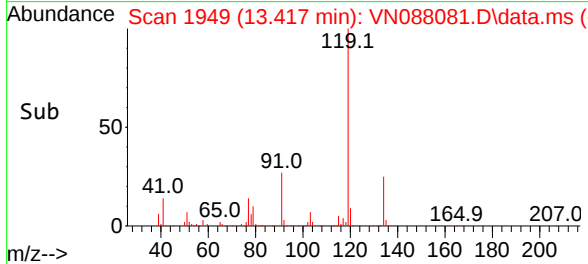
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



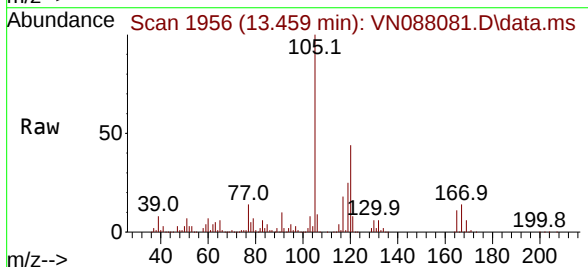
Tgt Ion:119 Resp: 66444
Ion Ratio Lower Upper
119 100
91 66.8 35.0 105.0
134 26.2 12.6 37.8

Manual Integrations
APPROVED

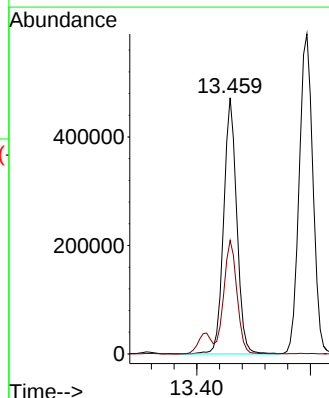
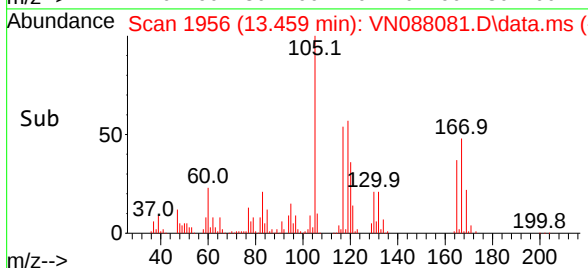
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

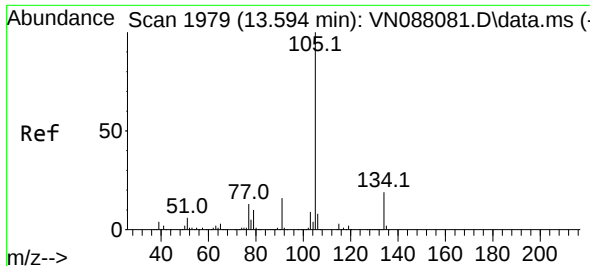


#84
1,2,4-Trimethylbenzene
Concen: 42.122 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20



Tgt Ion:105 Resp: 760563
Ion Ratio Lower Upper
105 100
120 44.6 22.0 66.0





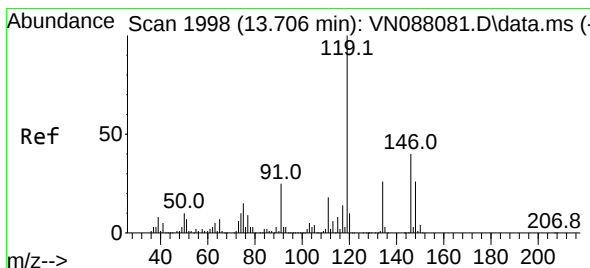
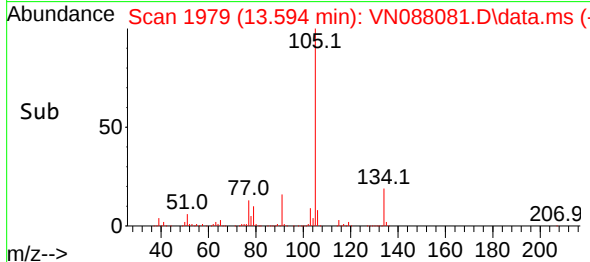
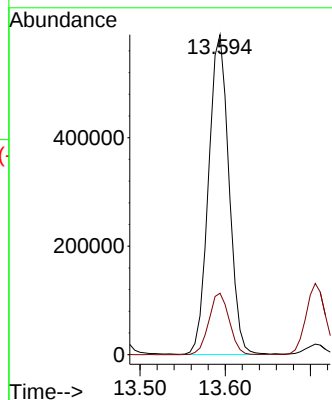
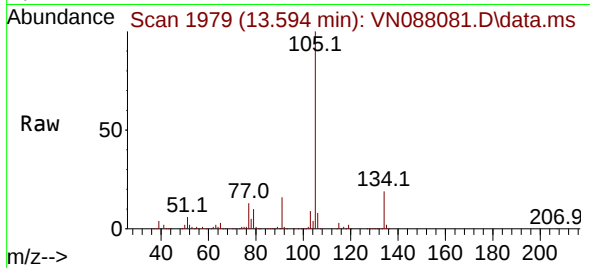
#85
 sec-Butylbenzene
 Concen: 41.511 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088081.D
 Acq: 23 Oct 2025 11:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 983204
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6

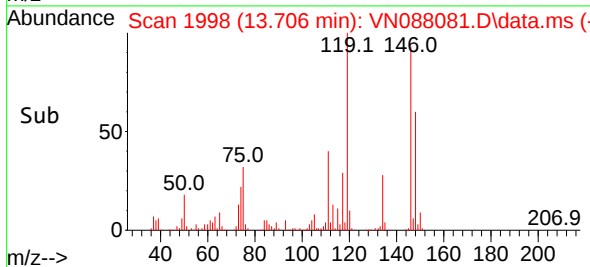
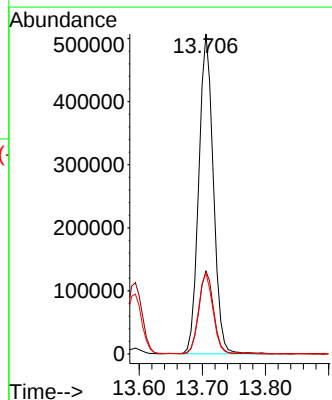
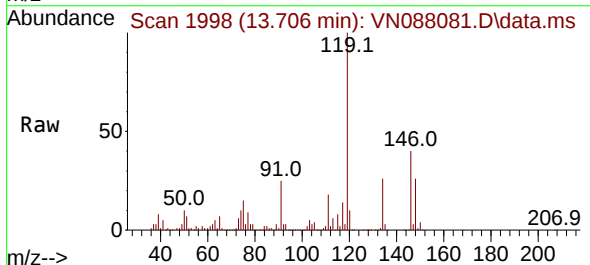
Manual Integrations
 APPROVED

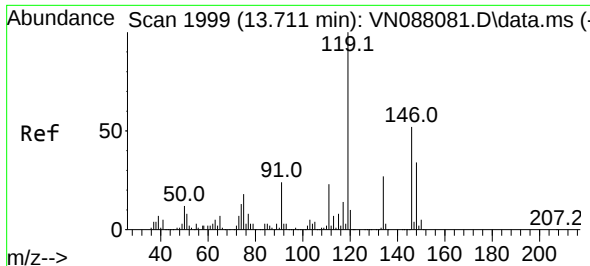
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#86
 p-Isopropyltoluene
 Concen: 42.500 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088081.D
 Acq: 23 Oct 2025 11:20

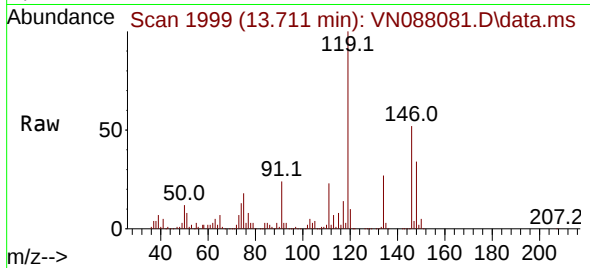
Tgt Ion:119 Resp: 807519
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.7 38.0
 91 24.7 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 41.563 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

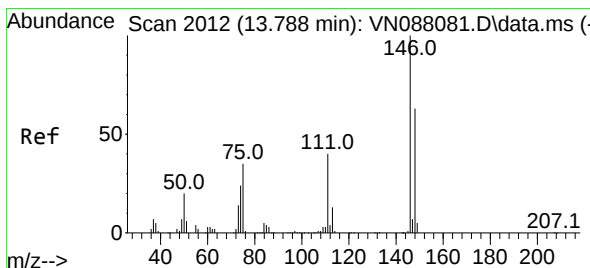
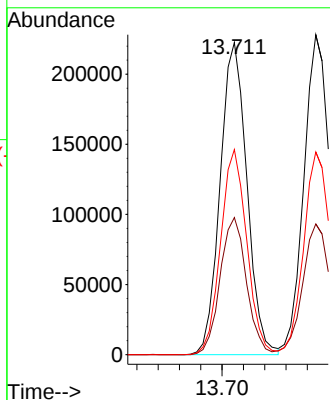
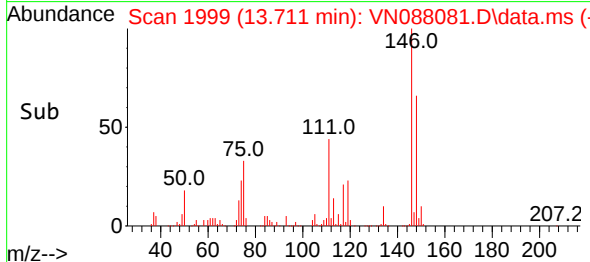
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 38878
Ion Ratio Lower Upper
146 100
111 43.2 22.1 66.5
148 64.3 32.0 96.2

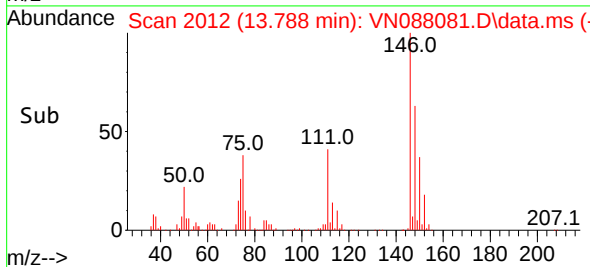
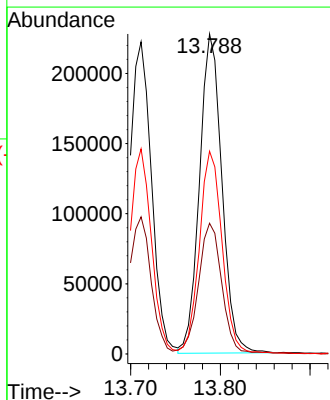
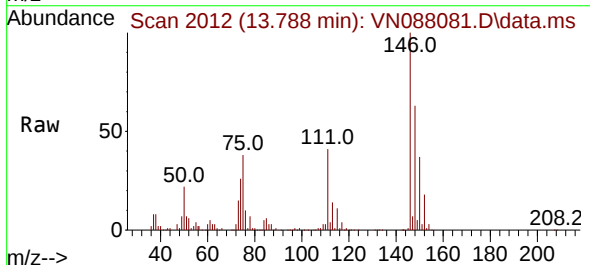
Manual Integrations
APPROVED

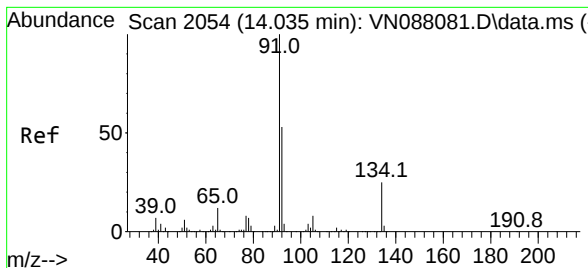
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#88
1,4-Dichlorobenzene
Concen: 39.127 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

Tgt Ion:146 Resp: 394135
Ion Ratio Lower Upper
146 100
111 42.9 21.0 63.0
148 65.3 32.0 96.0





#89

n-Butylbenzene

Concen: 42.312 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088081.D

Acq: 23 Oct 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

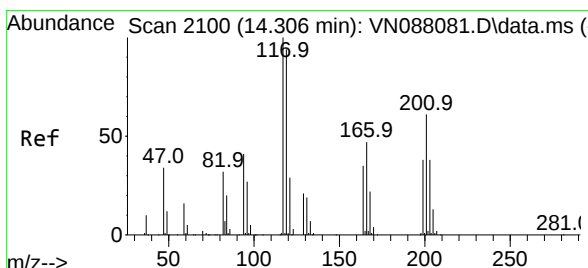
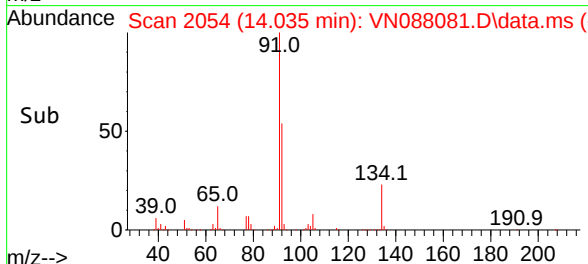
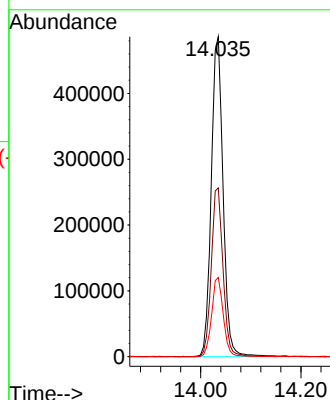
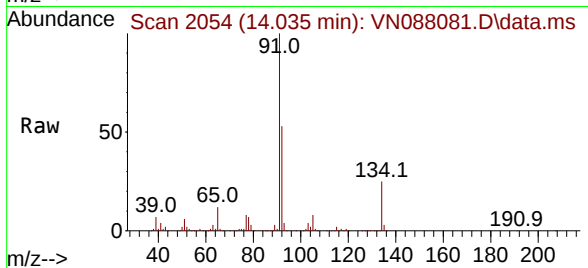
Tgt Ion:	91	Resp:	796348
Ion Ratio	Lower	Upper	
91	100		
92	52.2	25.9	77.8
134	24.5	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#90

Hexachloroethane

Concen: 40.985 ug/l

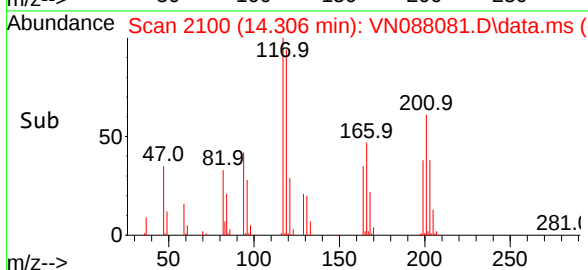
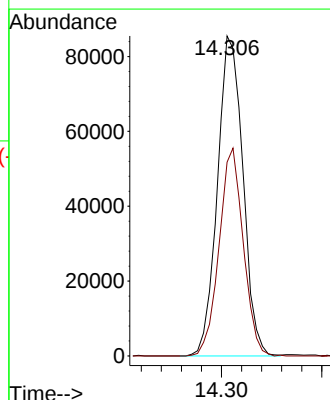
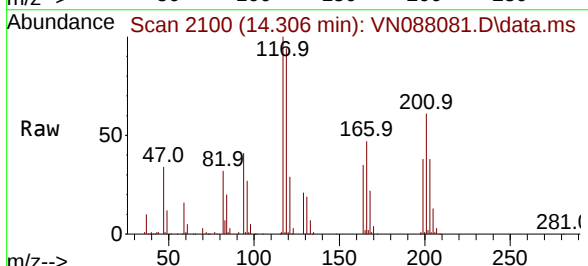
RT: 14.306 min Scan# 2100

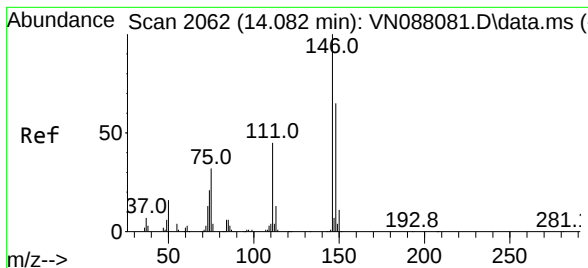
Delta R.T. -0.006 min

Lab File: VN088081.D

Acq: 23 Oct 2025 11:20

Tgt Ion:	117	Resp:	150804
Ion Ratio	Lower	Upper	
117	100		
201	61.6	29.1	87.4





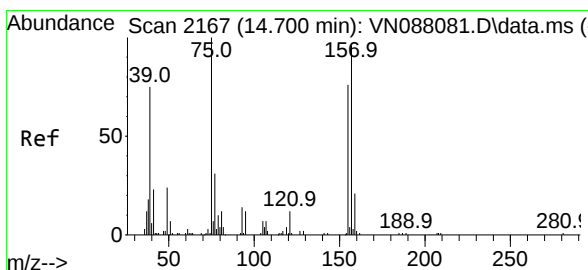
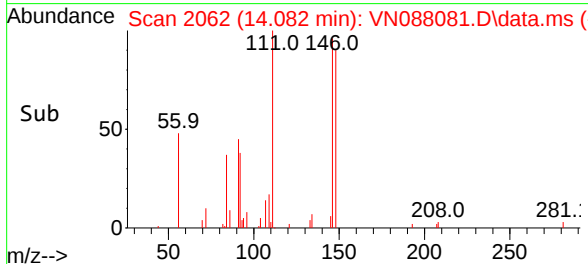
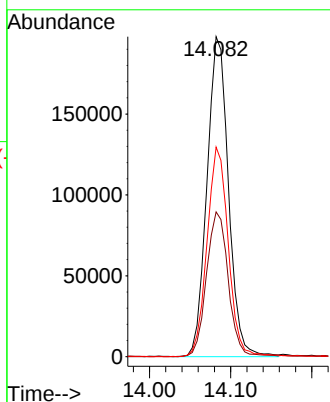
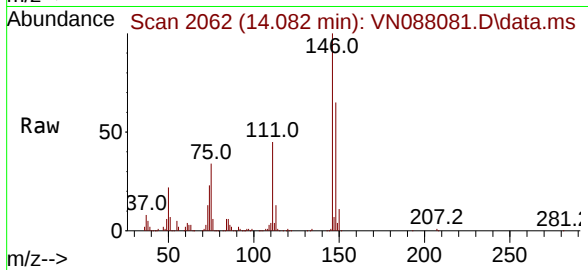
#91
1,2-Dichlorobenzene
Concen: 40.339 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 363732
Ion Ratio Lower Upper
146 100
111 46.1 22.6 67.8
148 65.1 31.9 95.9

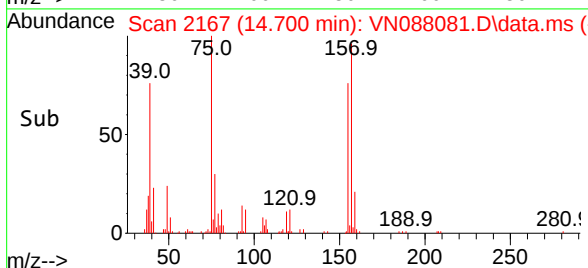
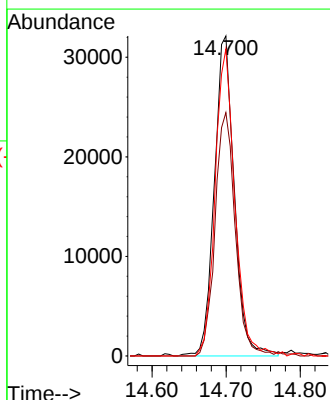
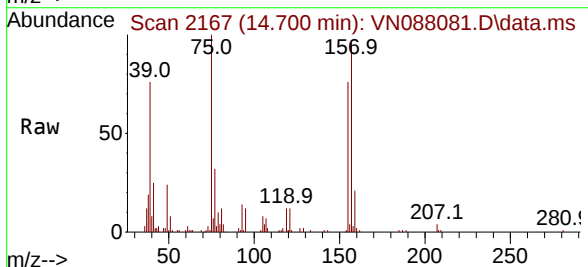
Manual Integrations
APPROVED

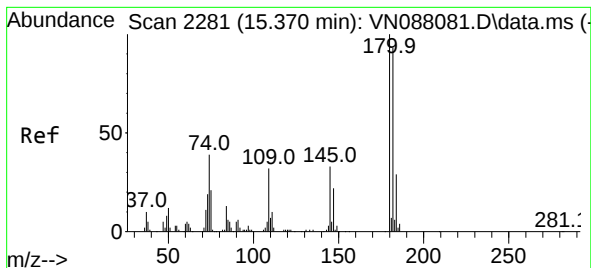
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 38.267 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

Tgt Ion: 75 Resp: 60256
Ion Ratio Lower Upper
75 100
155 76.8 36.6 109.9
157 95.1 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 40.476 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.006 min

Lab File: VN088081.D

Acq: 23 Oct 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 221034

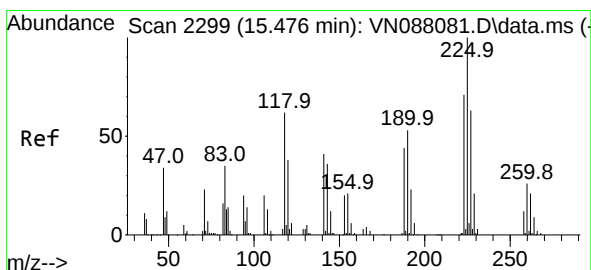
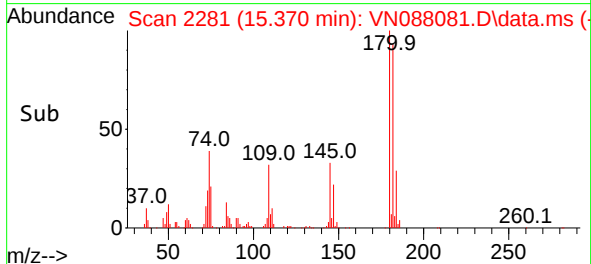
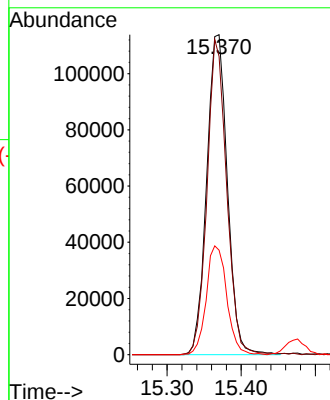
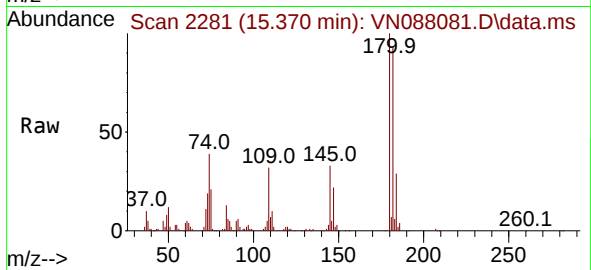
Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.6	142.9
145	33.7	16.5	49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#94

Hexachlorobutadiene

Concen: 40.553 ug/l

RT: 15.476 min Scan# 2299

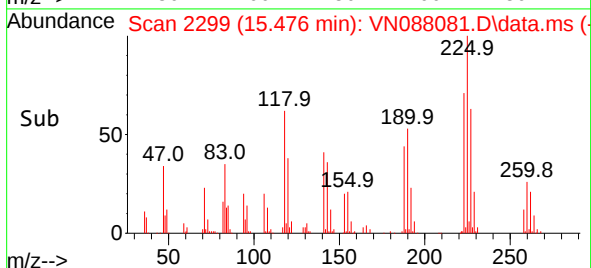
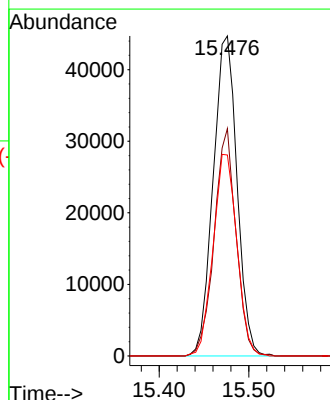
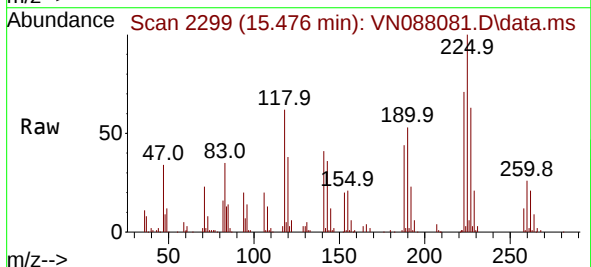
Delta R.T. -0.000 min

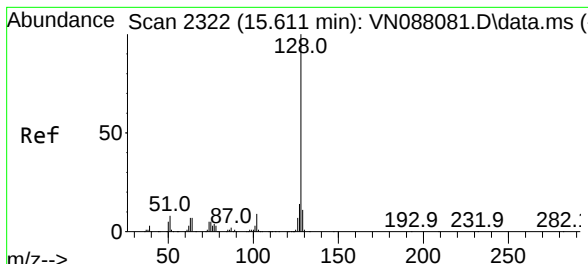
Lab File: VN088081.D

Acq: 23 Oct 2025 11:20

Tgt Ion:225 Resp: 82469

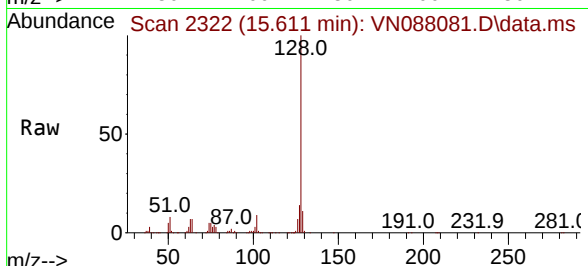
Ion	Ratio	Lower	Upper
225	100		
223	64.8	32.0	96.2
227	63.0	32.1	96.5





#95
Naphthalene
Concen: 41.144 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

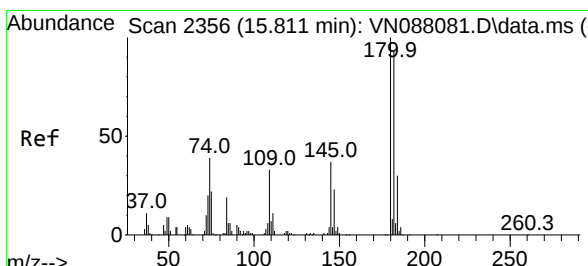
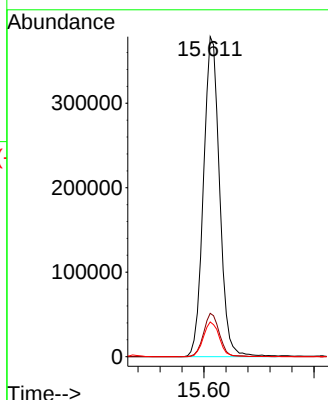
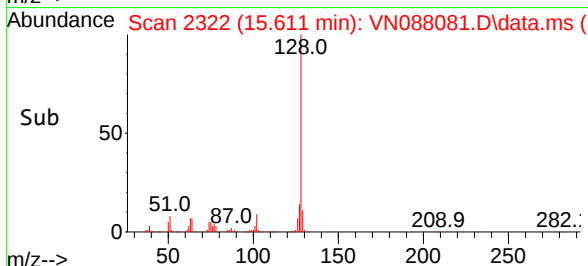
Instrument : MSVOA_N
ClientSampleId : VSTDICCC050



Tgt Ion:	128	Resp:	769709
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	10.8	8.6	12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 39.618 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088081.D
Acq: 23 Oct 2025 11:20

Tgt Ion:	180	Resp:	207445
Ion Ratio	Lower	Upper	
180	100		
182	94.0	46.8	140.3
145	35.1	17.3	52.0

