

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
 Data File : VN087502.D
 Acq On : 12 Aug 2025 10:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/13/2025
 Supervised By : Mahesh Dadoda 08/14/2025

Quant Time: Aug 13 02:58:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	330662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	639180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	587049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	291692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	297500	53.024	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.040%			
35) Dibromofluoromethane	8.153	113	208126	47.204	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.400%			
50) Toluene-d8	10.547	98	763783	48.563	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.120%			
62) 4-Bromofluorobenzene	12.829	95	295656	50.882	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	211220	60.142	ug/l	95
3) Chloromethane	2.383	50	216269	48.969	ug/l	94
4) Vinyl Chloride	2.536	62	242275	55.200	ug/l	95
5) Bromomethane	2.971	94	133458	58.718	ug/l	96
6) Chloroethane	3.136	64	158680	55.437	ug/l	100
7) Trichlorofluoromethane	3.506	101	343225	52.885	ug/l	99
8) Diethyl Ether	3.965	74	149057	59.207	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	183251	55.004	ug/l	96
10) Methyl Iodide	4.583	142	137060	41.116	ug/l	93
11) Tert butyl alcohol	5.524	59	303122	284.532	ug/l	99
12) 1,1-Dichloroethene	4.336	96	189402	50.168	ug/l	94
13) Acrolein	4.177	56	261207	305.520	ug/l	99
14) Allyl chloride	5.012	41	372445	54.511	ug/l	92
15) Acrylonitrile	5.706	53	762586	263.788	ug/l	100
16) Acetone	4.424	43	777558	295.575	ug/l	98
17) Carbon Disulfide	4.700	76	564468	50.431	ug/l #	93
18) Methyl Acetate	5.018	43	380435	57.561	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	842980	60.578	ug/l	98
20) Methylene Chloride	5.265	84	237685	53.492	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	218270	51.275	ug/l	98
22) Diisopropyl ether	6.659	45	853871	59.579	ug/l	93
23) Vinyl Acetate	6.594	43	3942297	314.517	ug/l	99
24) 1,1-Dichloroethane	6.553	63	450092	54.436	ug/l	100
25) 2-Butanone	7.471	43	1108664	272.759	ug/l	96
26) 2,2-Dichloropropane	7.477	77	401418	62.444	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	272679	55.638	ug/l	95
28) Bromochloromethane	7.800	49	206493	52.182	ug/l	95
29) Tetrahydrofuran	7.829	42	724045	274.208	ug/l	100
30) Chloroform	7.953	83	465493	56.246	ug/l	98
31) Cyclohexane	8.241	56	367045	53.214	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	391648	54.638	ug/l	98
36) 1,1-Dichloropropene	8.353	75	298749	51.286	ug/l	99
37) Ethyl Acetate	7.547	43	430984	51.229	ug/l	99
38) Carbon Tetrachloride	8.341	117	326189	50.833	ug/l	92
39) Methylcyclohexane	9.582	83	334615	53.058	ug/l	96
40) Benzene	8.588	78	973729	51.720	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	250885	57.033	ug/l	96
42) 1,2-Dichloroethane	8.653	62	379576	53.165	ug/l	98
43) Isopropyl Acetate	8.677	43	712456	54.554	ug/l	98
44) Trichloroethene	9.335	130	216430	48.652	ug/l	91
45) 1,2-Dichloropropane	9.606	63	246730	51.577	ug/l	94
46) Dibromomethane	9.688	93	183110	51.124	ug/l	97
47) Bromodichloromethane	9.871	83	380818	52.785	ug/l	99
48) Methyl methacrylate	9.665	41	342785	58.304	ug/l	94
49) 1,4-Dioxane	9.682	88	94453	1048.916	ug/l #	98
51) 4-Methyl-2-Pentanone	10.429	43	2176445	263.494	ug/l	98
52) Toluene	10.612	92	601880	52.597	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	419058	57.395	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	421265	55.857	ug/l #	89
55) 1,1,2-Trichloroethane	10.994	97	239225	51.637	ug/l	93
56) Ethyl methacrylate	10.859	69	421434	53.919	ug/l #	94
57) 1,3-Dichloropropane	11.141	76	422100	52.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	1112387	292.701	ug/l	99
59) 2-Hexanone	11.176	43	1516088	276.651	ug/l	99
60) Dibromochloromethane	11.341	129	278616	52.733	ug/l	99
61) 1,2-Dibromoethane	11.453	107	250244	51.372	ug/l	99
64) Tetrachloroethene	11.082	164	170810	45.208	ug/l	96
65) Chlorobenzene	11.870	112	657775	49.908	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	233230	52.042	ug/l	98
67) Ethyl Benzene	11.941	91	1176241	54.212	ug/l	100
68) m/p-Xylenes	12.053	106	869964	107.076	ug/l	94
69) o-Xylene	12.376	106	428823	55.254	ug/l	95
70) Styrene	12.394	104	745658	57.114	ug/l	98
71) Bromoform	12.559	173	186678	51.560	ug/l #	98
73) Isopropylbenzene	12.676	105	1101854	60.019	ug/l	98
74) N-amyl acetate	12.500	43	382429	50.138	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.917	83	371197	53.735	ug/l	98
76) 1,2,3-Trichloropropane	12.976	75	323967m	49.529	ug/l	
77) Bromobenzene	12.959	156	258139	54.217	ug/l	93
78) n-propylbenzene	13.017	91	1372237	59.409	ug/l	97
79) 2-Chlorotoluene	13.106	91	822996	57.976	ug/l	95
80) 1,3,5-Trimethylbenzene	13.153	105	937941	59.964	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	134709	56.350	ug/l	97
82) 4-Chlorotoluene	13.200	91	851446	57.610	ug/l	98
83) tert-Butylbenzene	13.417	119	793245	60.719	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	963459	60.315	ug/l	96
85) sec-Butylbenzene	13.594	105	1170651	59.490	ug/l	100
86) p-Isopropyltoluene	13.706	119	975420	61.853	ug/l	96
87) 1,3-Dichlorobenzene	13.711	146	497546	53.246	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	503587	50.459	ug/l	96
89) n-Butylbenzene	14.035	91	952157	63.231	ug/l	100
90) Hexachloroethane	14.311	117	185894	55.635	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	483934	54.667	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	94271	51.978	ug/l	96
93) 1,2,4-Trichlorobenzene	15.370	180	291601	56.077	ug/l	98
94) Hexachlorobutadiene	15.476	225	107072	55.415	ug/l	98
95) Naphthalene	15.617	128	1074791	58.344	ug/l	100
96) 1,2,3-Trichlorobenzene	15.817	180	287140	55.049	ug/l	98

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ClientSampleId :
VSTDCCC050

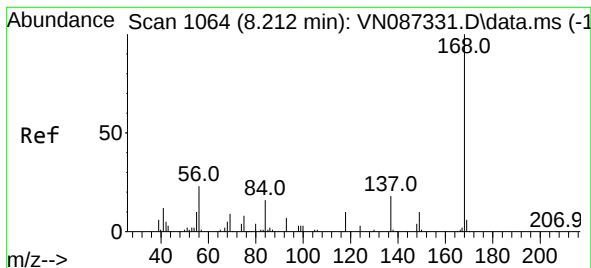
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

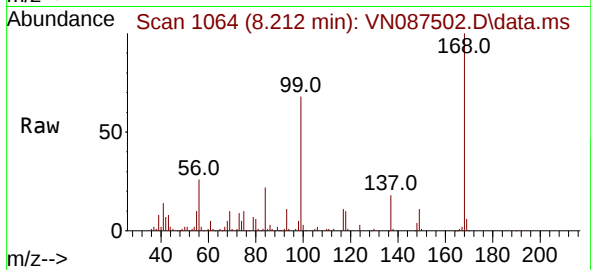
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
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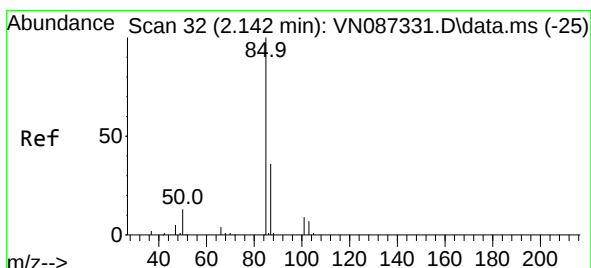
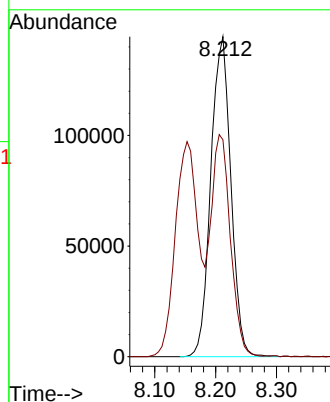
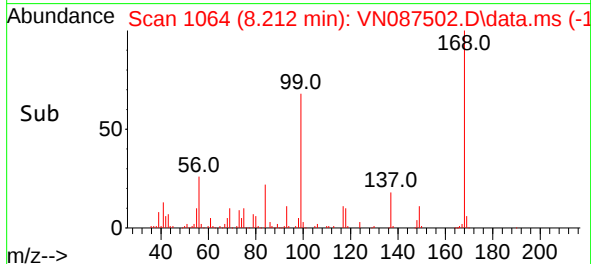
Instrument :
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VSTDCCC050



Tgt Ion:168 Resp: 330662
Ion Ratio Lower Upper
168 100
99 67.8 47.9 71.9

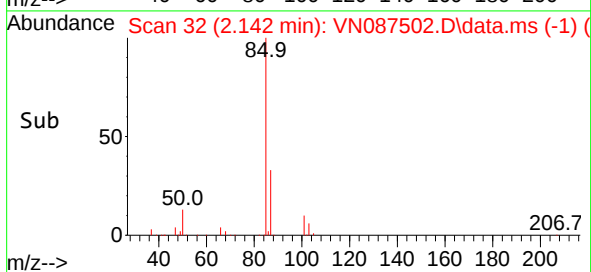
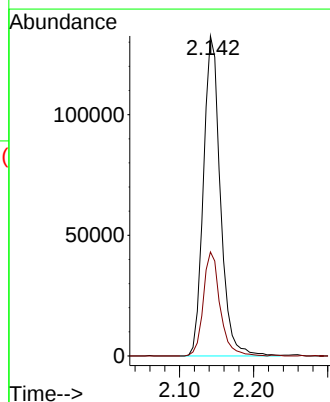
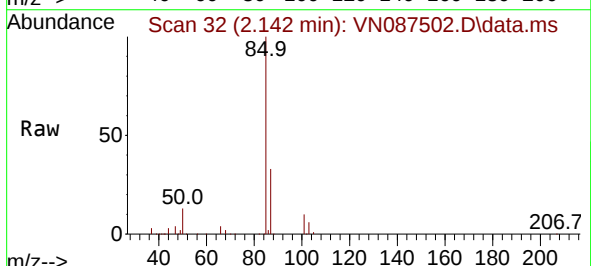
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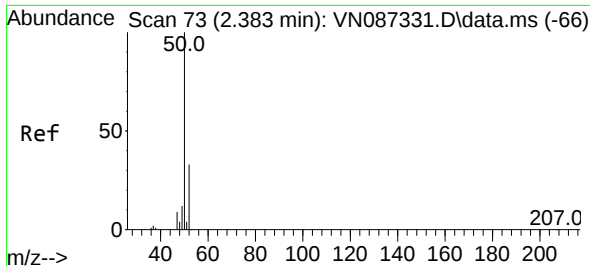
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#2
Dichlorodifluoromethane
Concen: 60.142 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

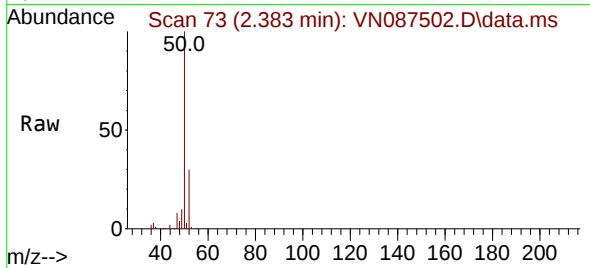
Tgt Ion: 85 Resp: 211220
Ion Ratio Lower Upper
85 100
87 32.5 17.8 53.3





#3
Chloromethane
Concen: 48.969 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

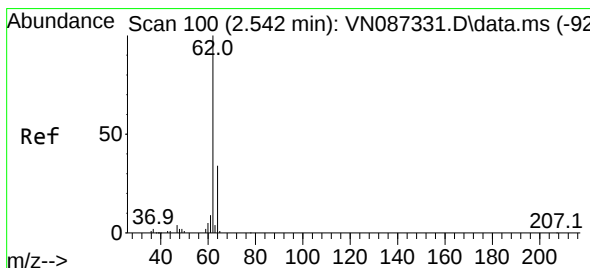
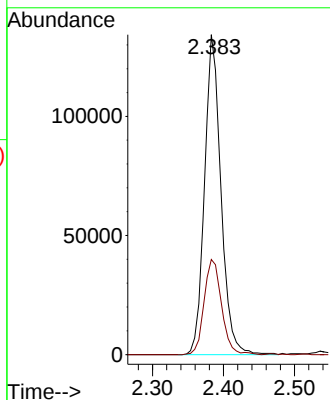
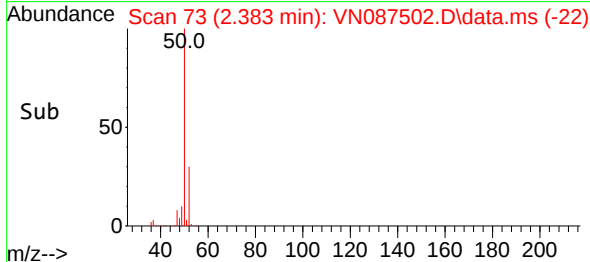
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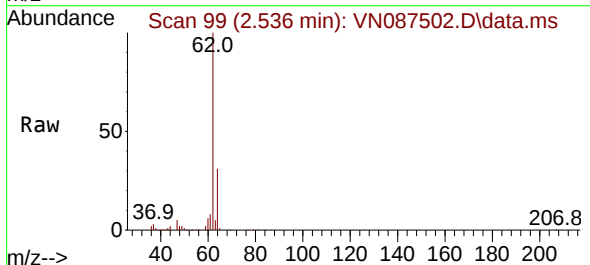
Tgt Ion: 50 Resp: 216269
Ion Ratio Lower Upper
50 100
52 29.8 26.3 39.5

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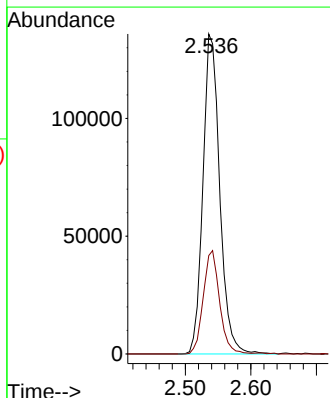
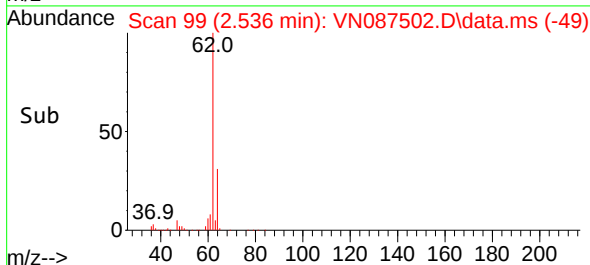
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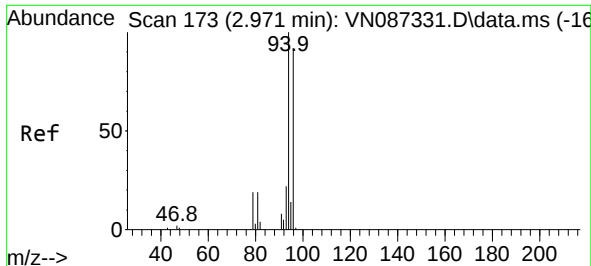


#4
Vinyl Chloride
Concen: 55.200 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24



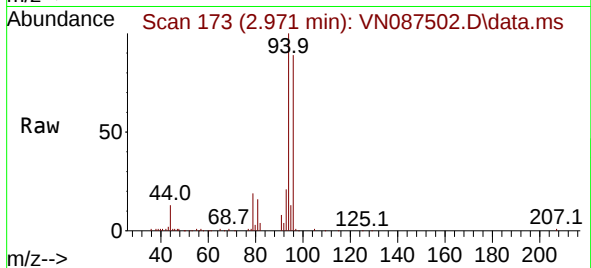
Tgt Ion: 62 Resp: 242275
Ion Ratio Lower Upper
62 100
64 30.7 27.0 40.6





#5
Bromomethane
Concen: 58.718 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

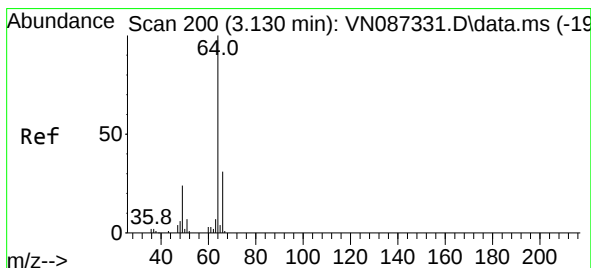
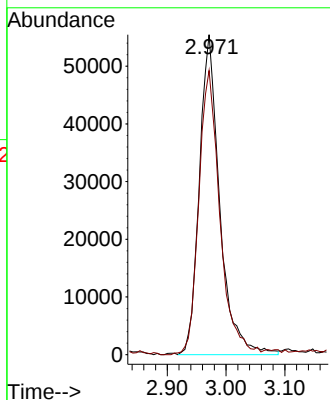
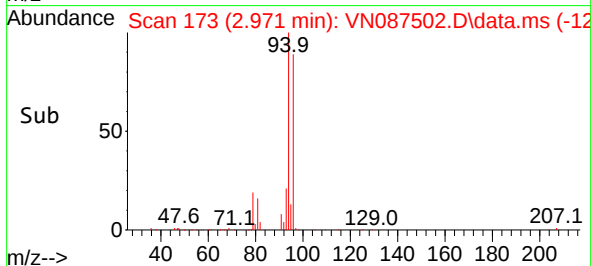
Instrument :
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Tgt Ion: 94 Resp: 133458
Ion Ratio Lower Upper
94 100
96 88.3 73.4 110.2

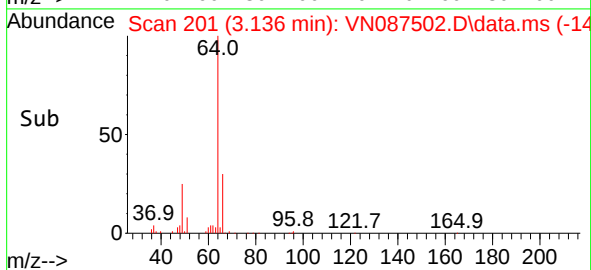
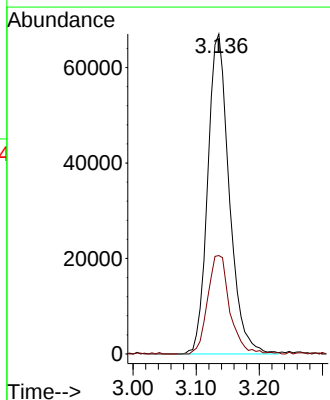
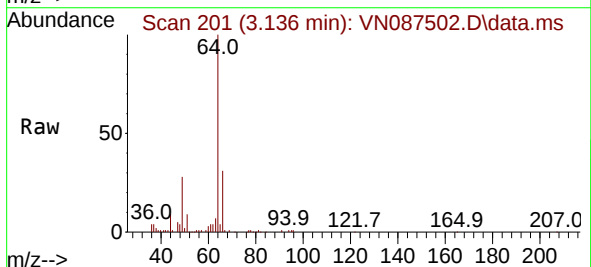
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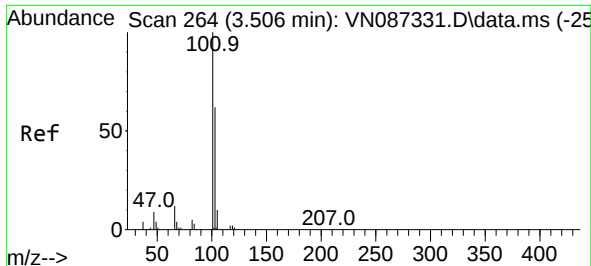
Reviewed By :John Carlone 08/13/2025
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#6
Chloroethane
Concen: 55.437 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087502.D
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Tgt Ion: 64 Resp: 158680
Ion Ratio Lower Upper
64 100
66 30.7 24.6 36.8





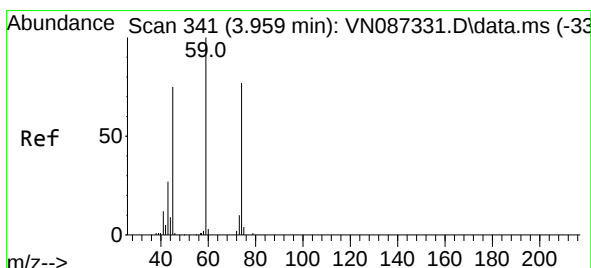
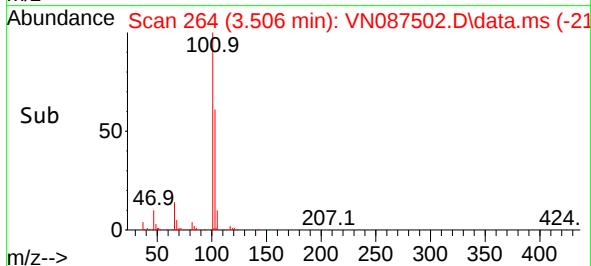
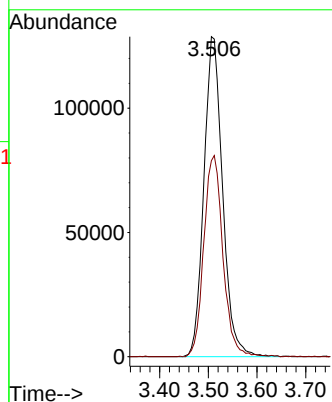
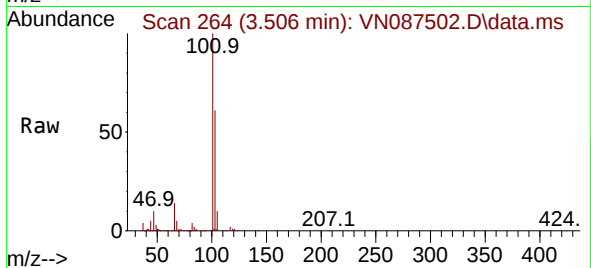
#7
 Trichlorofluoromethane
 Concen: 52.885 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 343225
 Ion Ratio Lower Upper
 101 100
 103 61.2 49.8 74.6

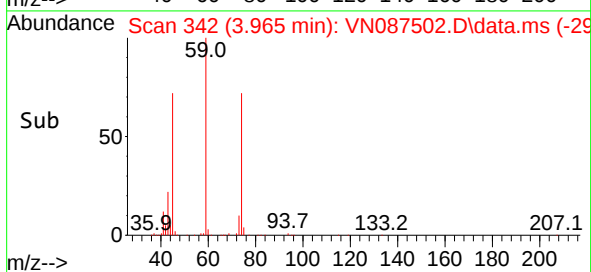
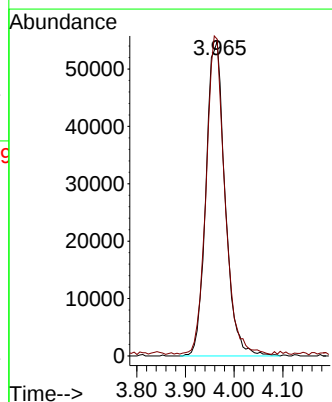
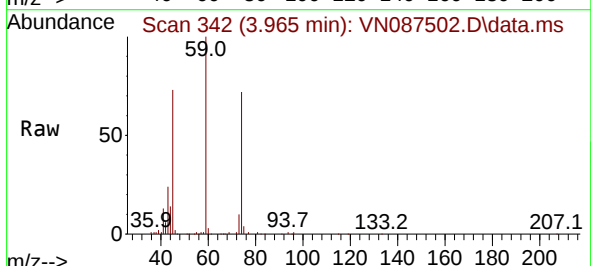
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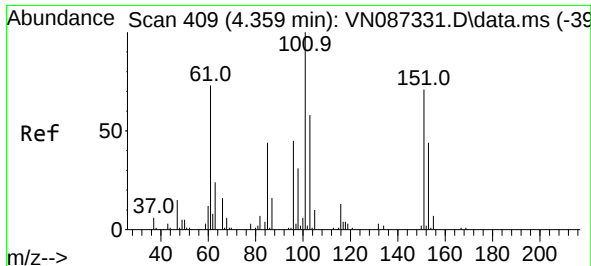
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025



#8
 Diethyl Ether
 Concen: 59.207 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24

Tgt Ion: 74 Resp: 149057
 Ion Ratio Lower Upper
 74 100
 45 99.2 50.8 152.5





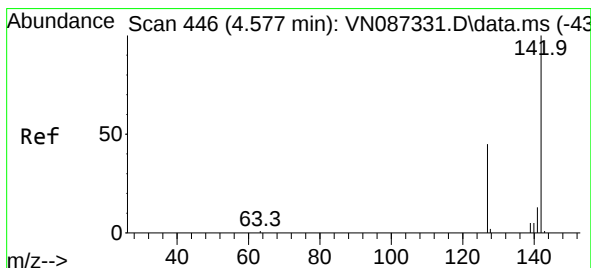
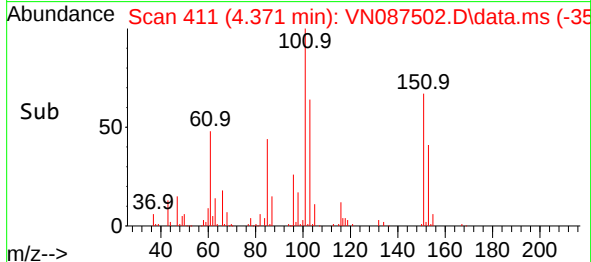
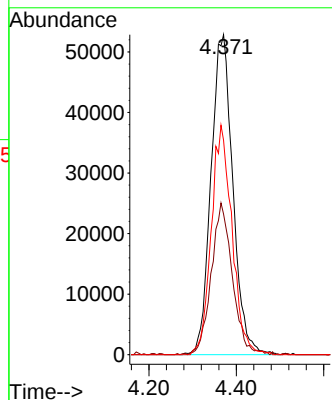
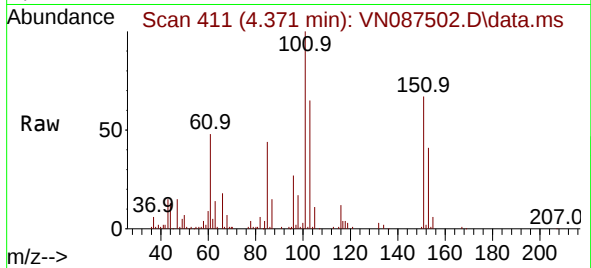
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.004 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 18325
Ion Ratio Lower Upper
101 100
85 45.8 37.3 55.9
151 68.2 58.9 88.3

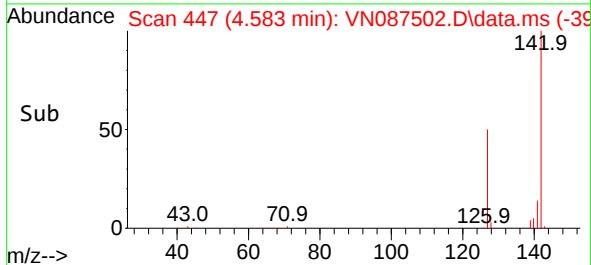
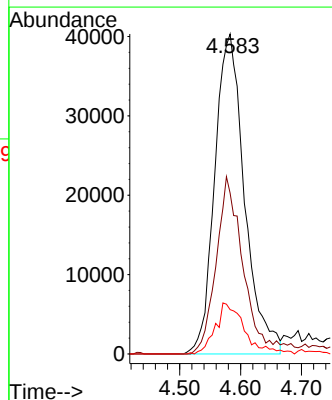
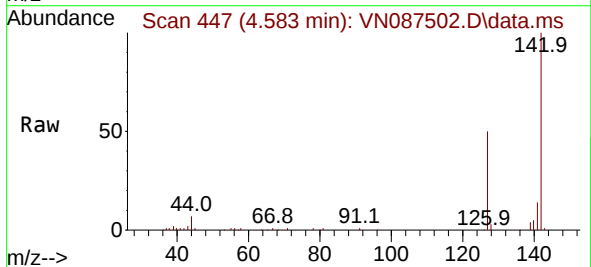
Manual Integrations
APPROVED

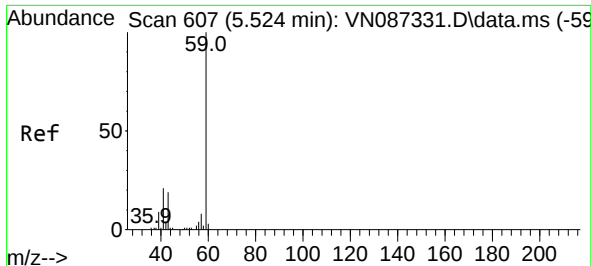
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#10
Methyl Iodide
Concen: 41.116 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

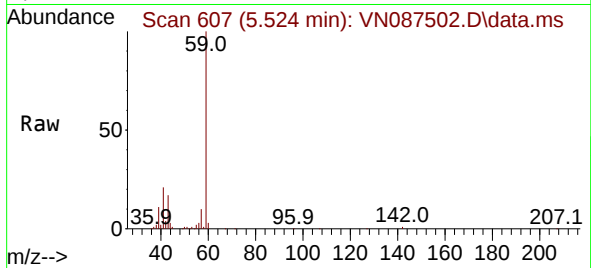
Tgt Ion:142 Resp: 137060
Ion Ratio Lower Upper
142 100
127 50.3 35.7 53.5
141 13.9 10.4 15.6





#11
Tert butyl alcohol
Concen: 284.532 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

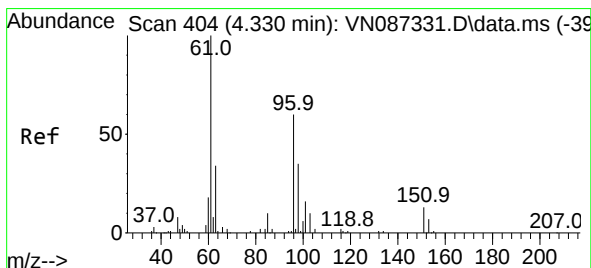
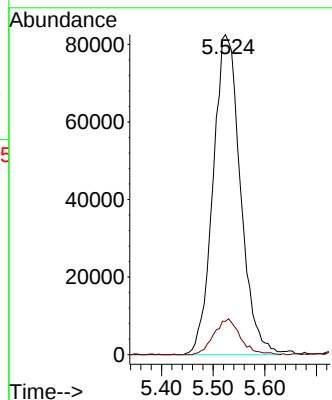
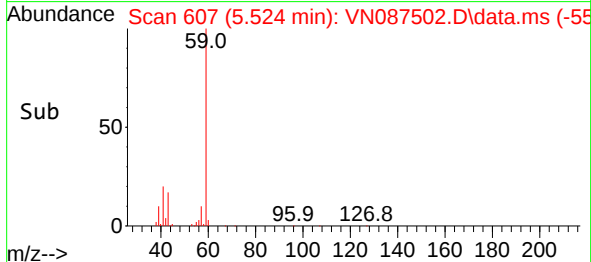
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



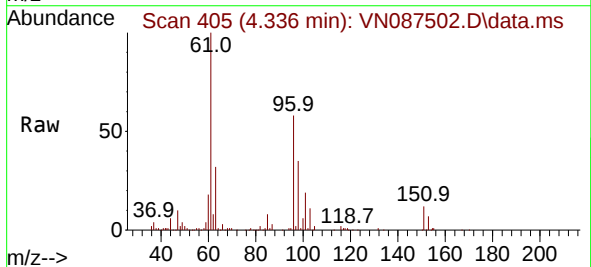
Tgt Ion: 59 Resp: 30312
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

Manual Integrations
APPROVED

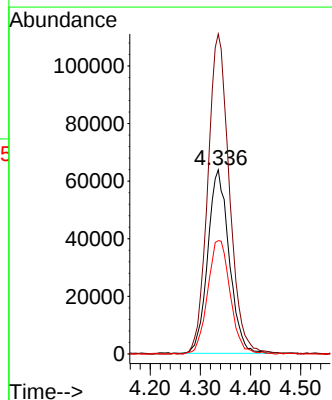
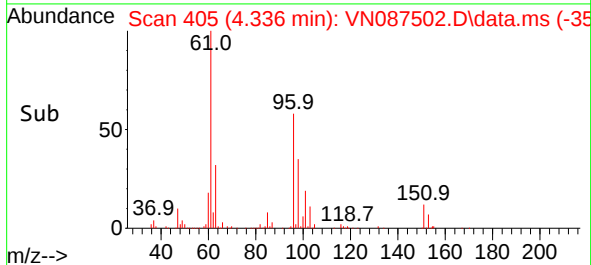
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

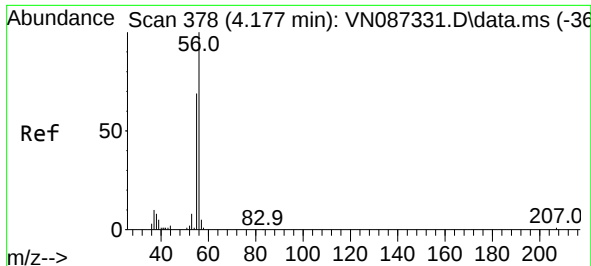


#12
1,1-Dichloroethene
Concen: 50.168 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24



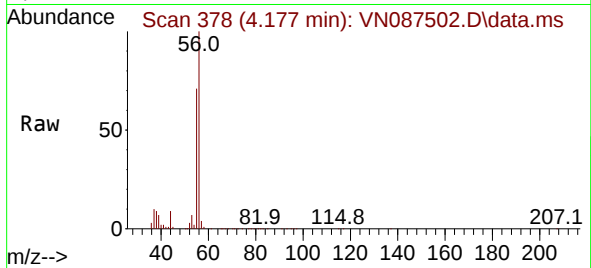
Tgt Ion: 96 Resp: 189402
Ion Ratio Lower Upper
96 100
61 174.0 132.3 198.5
98 61.7 46.8 70.2





#13
Acrolein
Concen: 305.520 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

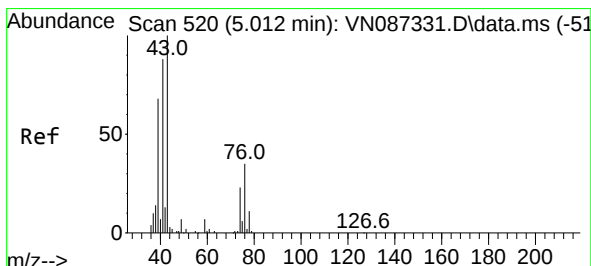
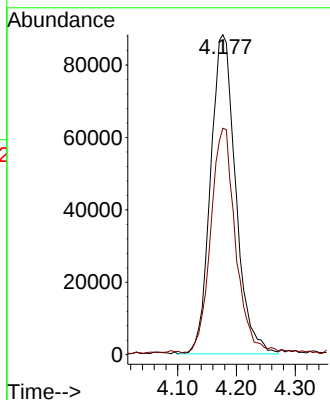
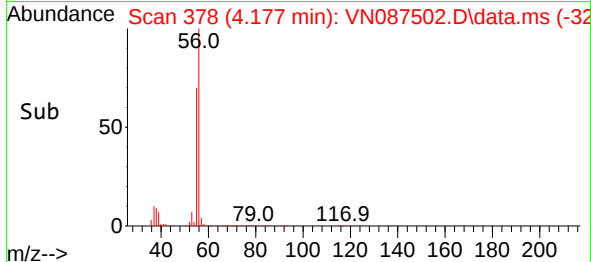
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 26120
Ion Ratio Lower Upper
56 100
55 71.0 56.2 84.4

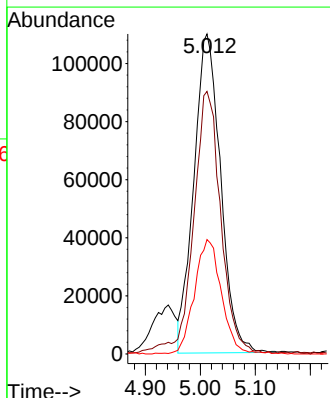
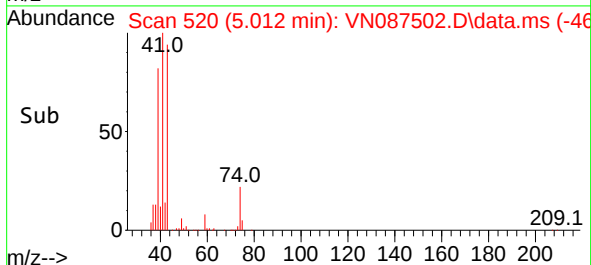
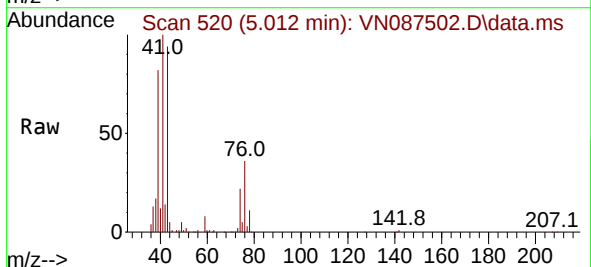
Manual Integrations
APPROVED

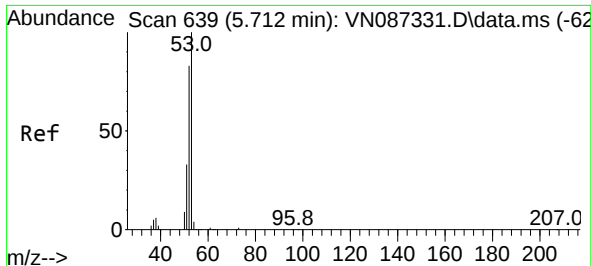
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#14
Allyl chloride
Concen: 54.511 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

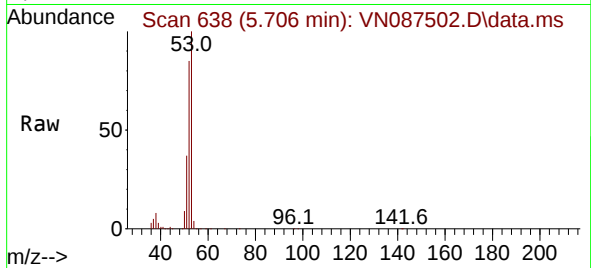
Tgt Ion: 41 Resp: 372445
Ion Ratio Lower Upper
41 100
39 83.4 59.0 88.6
76 36.1 28.7 43.1





#15
Acrylonitrile
Concen: 263.788 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

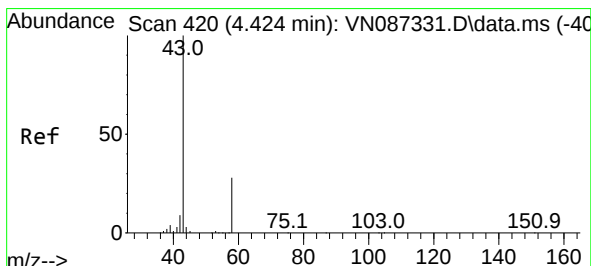
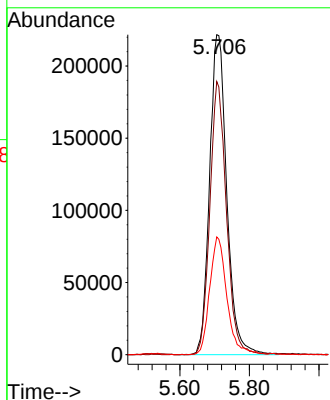
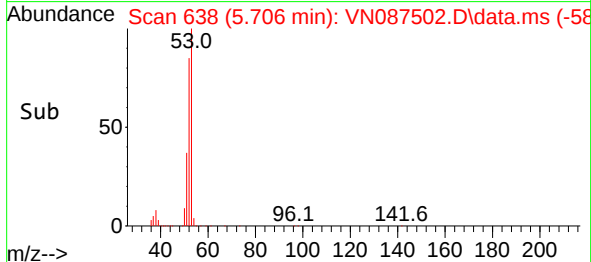
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 762580
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 36.7 28.7 43.1

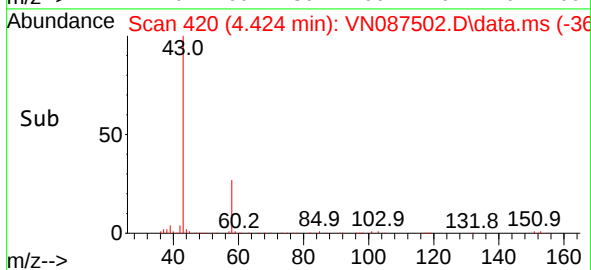
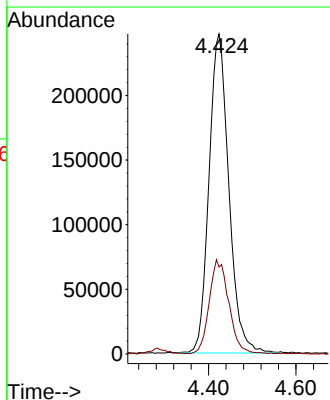
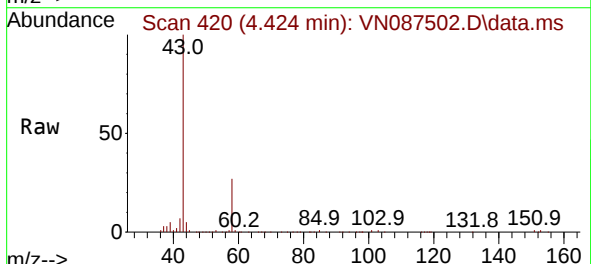
Manual Integrations
APPROVED

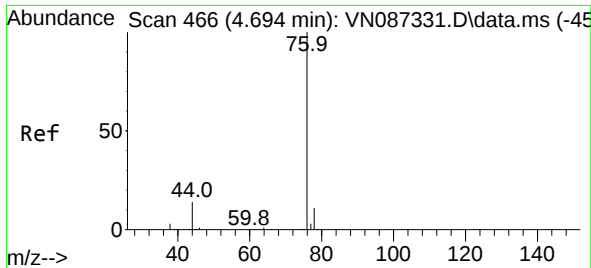
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#16
Acetone
Concen: 295.575 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 43 Resp: 777558
Ion Ratio Lower Upper
43 100
58 27.0 22.3 33.5





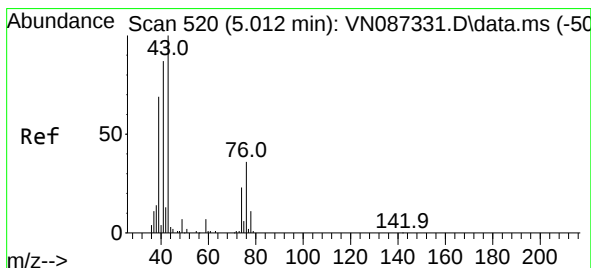
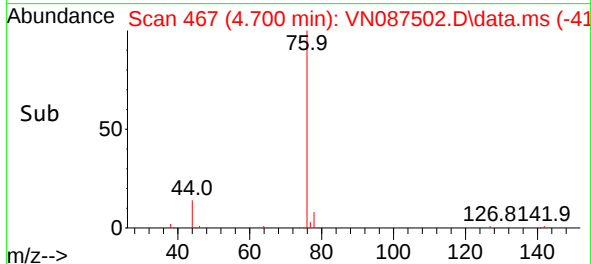
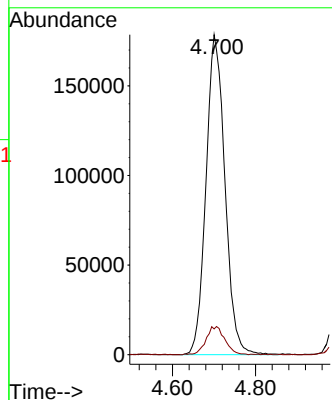
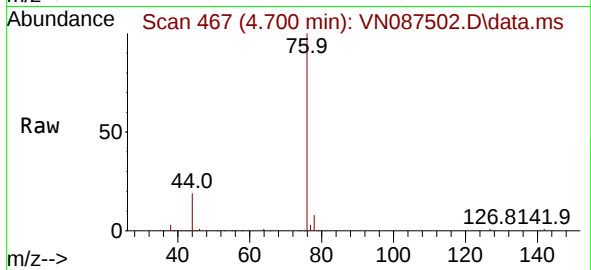
#17
Carbon Disulfide
Concen: 50.431 ug/l
RT: 4.700 min Scan# 466
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 56446
Ion Ratio Lower Upper
76 100
78 8.1 8.6 13.0

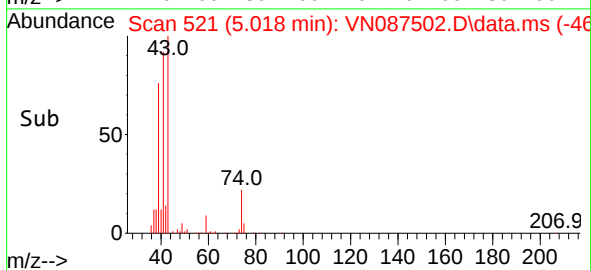
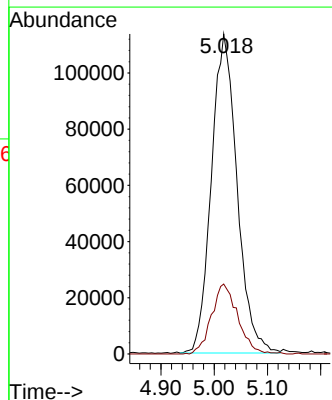
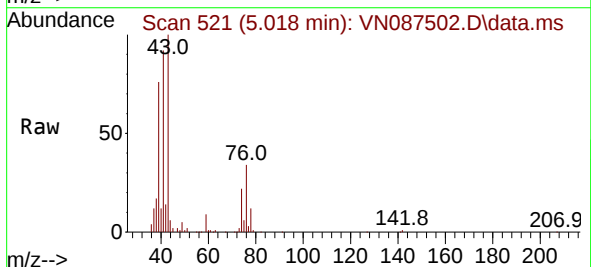
Manual Integrations
APPROVED

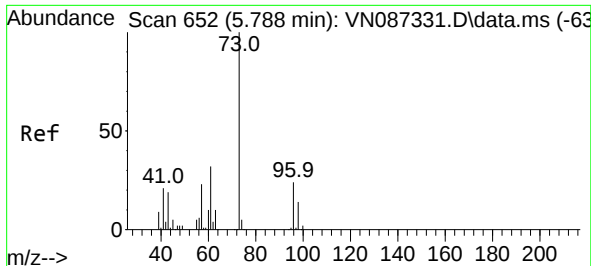
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#18
Methyl Acetate
Concen: 57.561 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

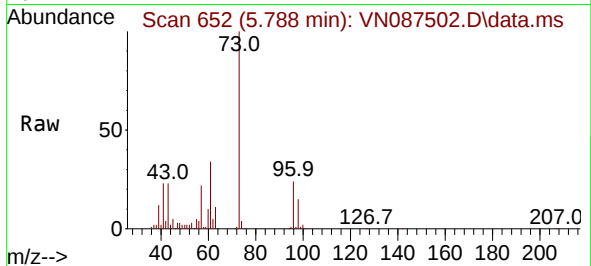
Tgt Ion: 43 Resp: 380435
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.6





#19
Methyl tert-butyl Ether
Concen: 60.578 ug/l
RT: 5.788 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

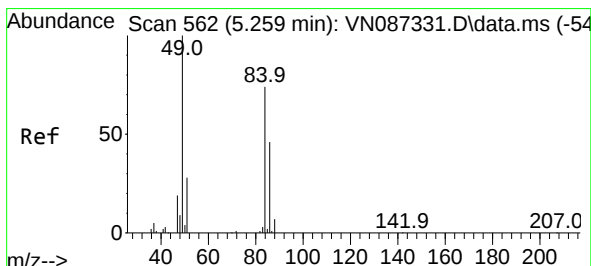
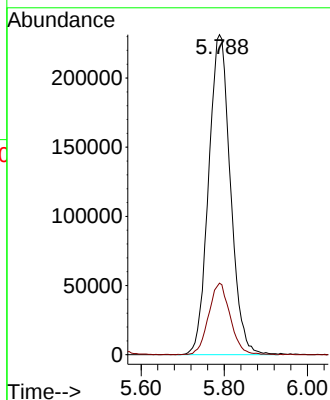
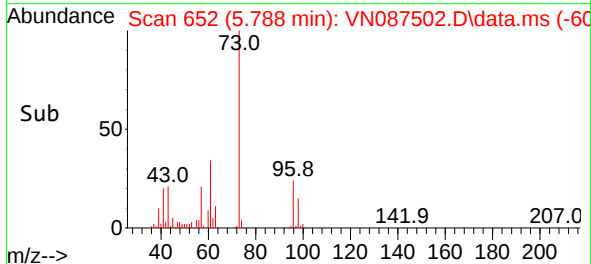
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 842980
Ion Ratio Lower Upper
73 100
57 22.4 18.6 27.8

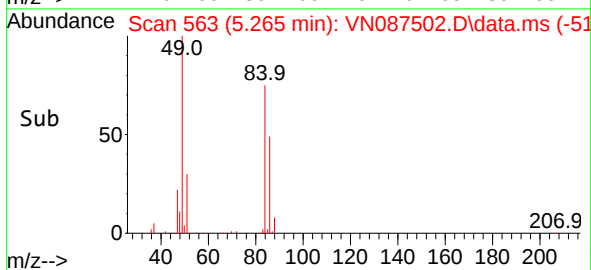
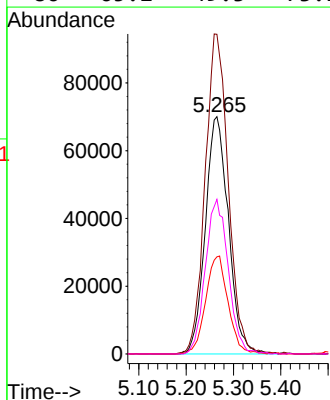
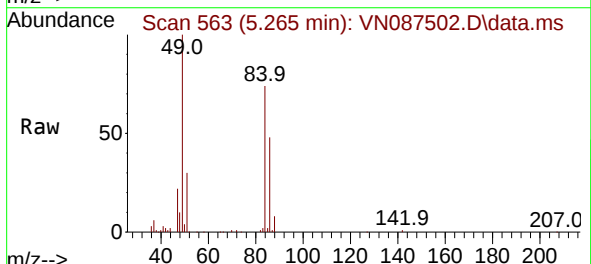
Manual Integrations
APPROVED

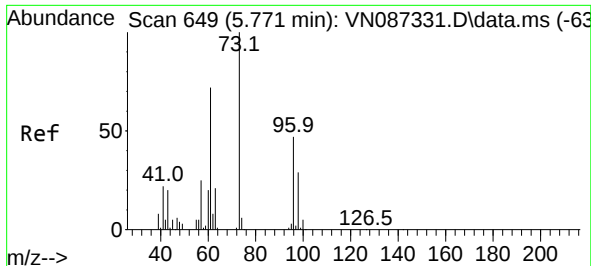
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#20
Methylene Chloride
Concen: 53.492 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

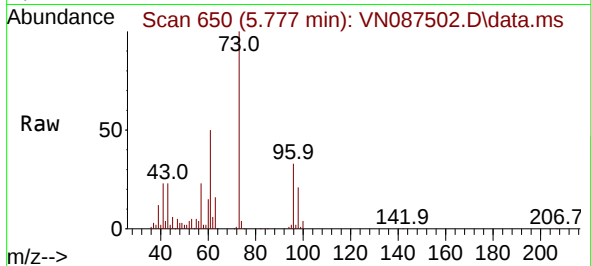
Tgt Ion: 84 Resp: 237685
Ion Ratio Lower Upper
84 100
49 134.8 107.5 161.3
51 40.9 30.2 45.2
86 65.2 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 51.275 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

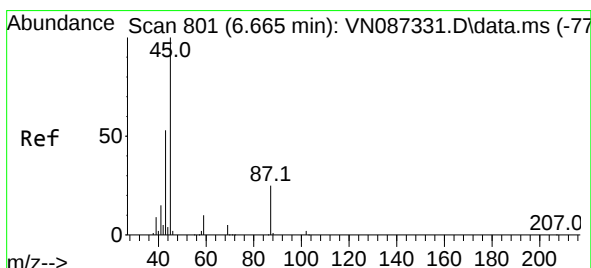
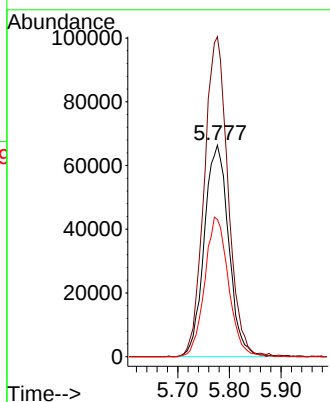
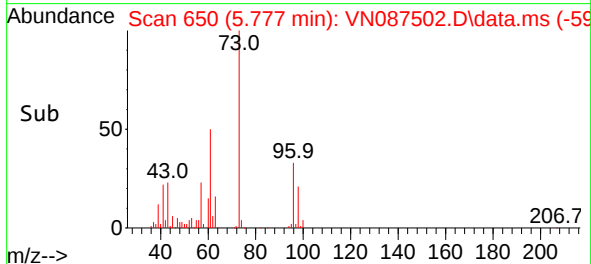
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 218270
Ion Ratio Lower Upper
96 100
61 151.0 122.0 183.0
98 64.9 50.0 75.0

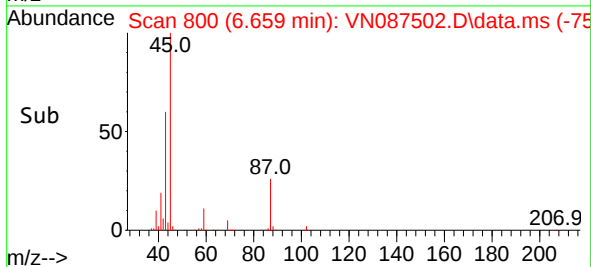
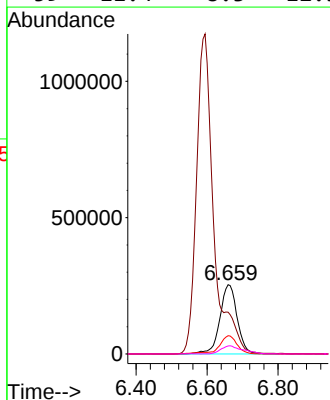
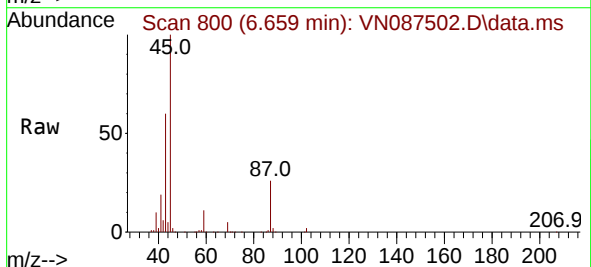
Manual Integrations
APPROVED

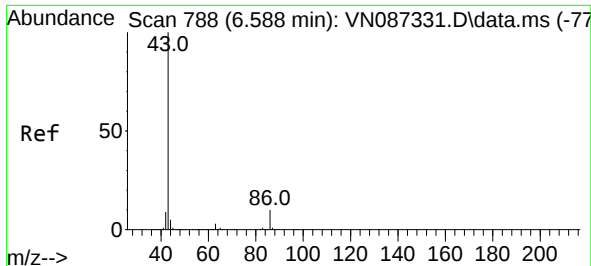
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#22
Diisopropyl ether
Concen: 59.579 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

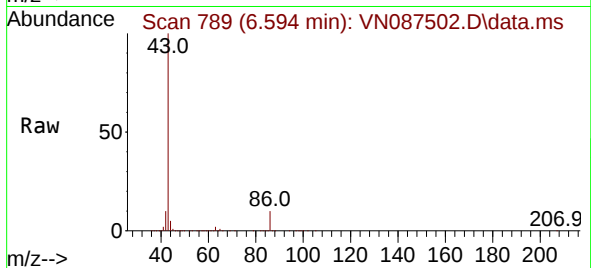
Tgt Ion: 45 Resp: 853871
Ion Ratio Lower Upper
45 100
43 60.1 42.8 64.2
87 26.2 19.8 29.6
59 11.4 8.3 12.5





#23
 Vinyl Acetate
 Concen: 314.517 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24

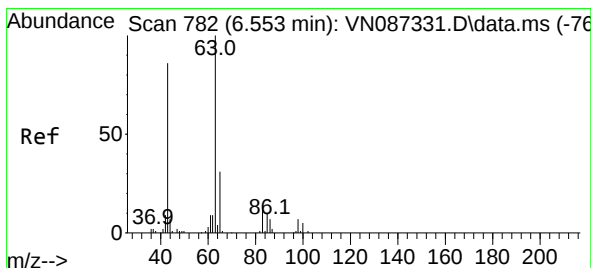
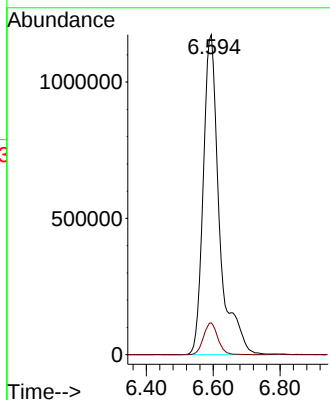
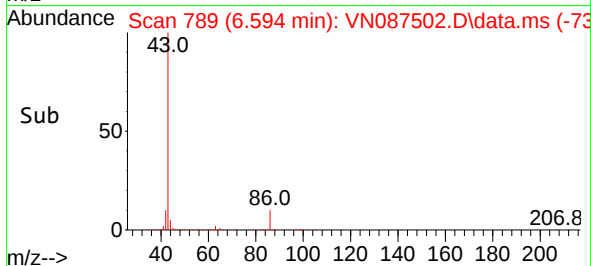
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



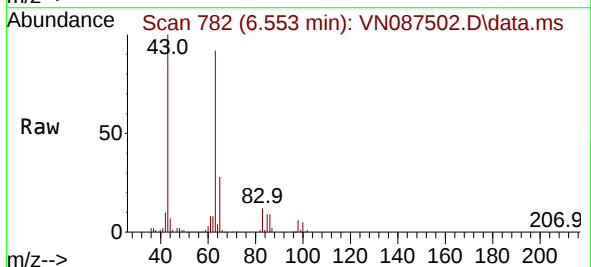
Tgt Ion: 43 Resp: 394229
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.7 11.5

Manual Integrations
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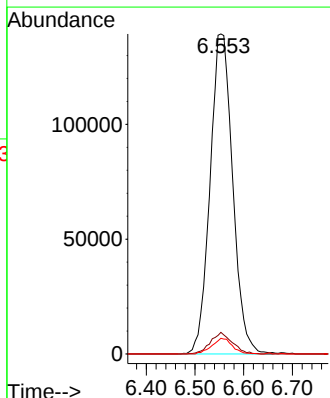
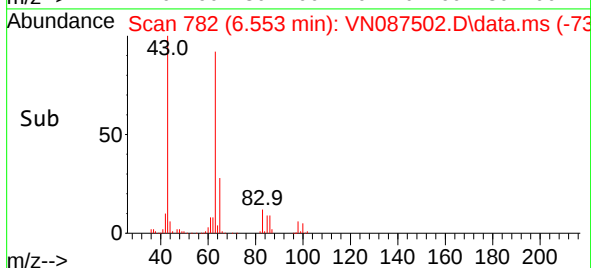
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025

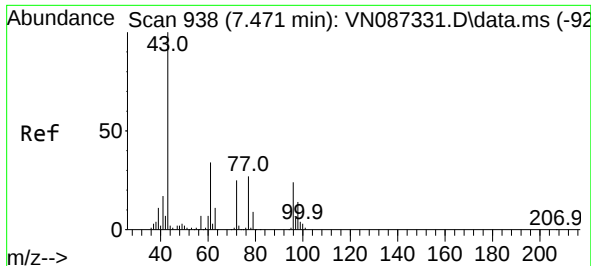


#24
 1,1-Dichloroethane
 Concen: 54.436 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24



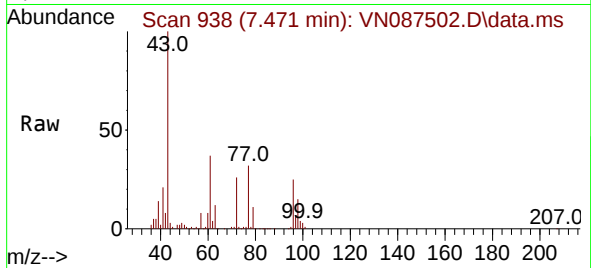
Tgt Ion: 63 Resp: 450092
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.9 2.5 7.4





#25
2-Butanone
Concen: 272.759 ug/l
RT: 7.471 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

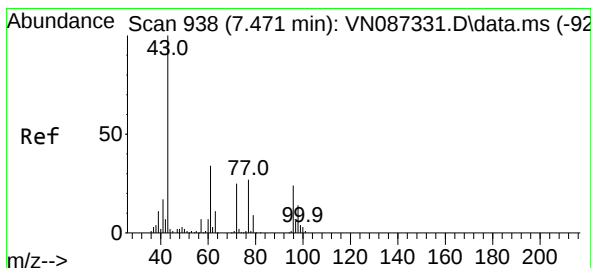
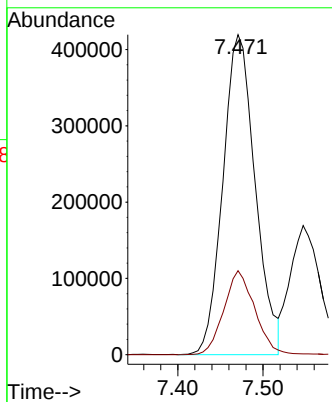
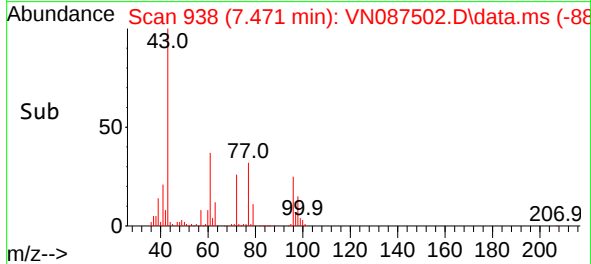
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1108664
Ion Ratio Lower Upper
43 100
72 26.3 19.6 29.4

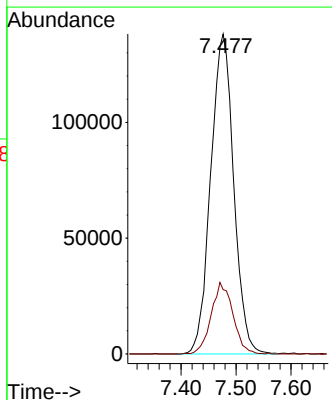
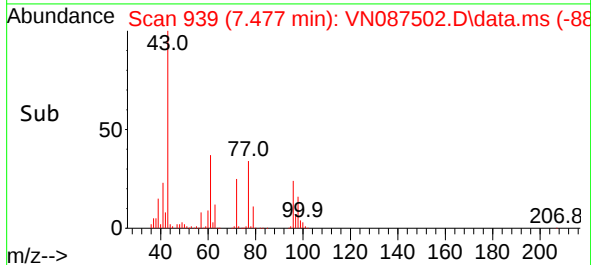
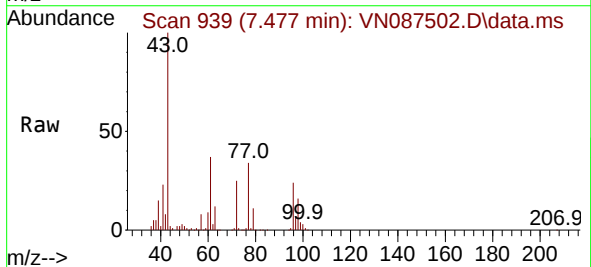
Manual Integrations
APPROVED

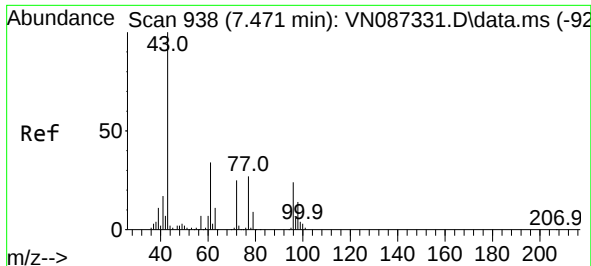
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#26
2,2-Dichloropropane
Concen: 62.444 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

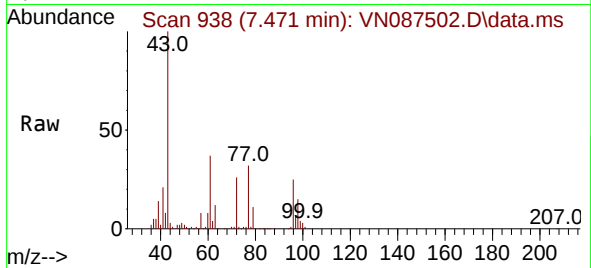
Tgt Ion: 77 Resp: 401418
Ion Ratio Lower Upper
77 100
97 21.1 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 55.638 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24

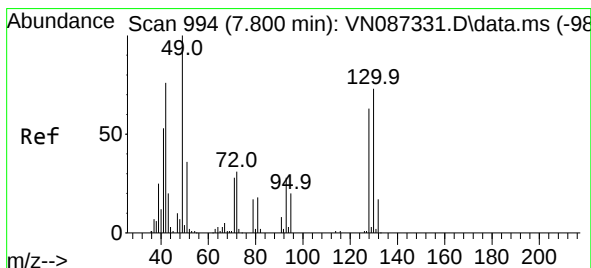
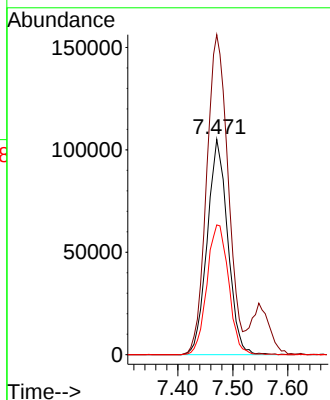
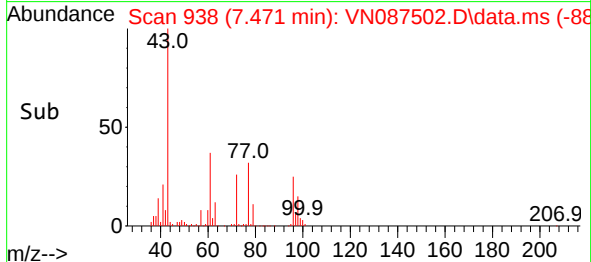
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 272679
 Ion Ratio Lower Upper
 96 100
 61 156.7 0.0 297.8
 98 63.7 0.0 132.4

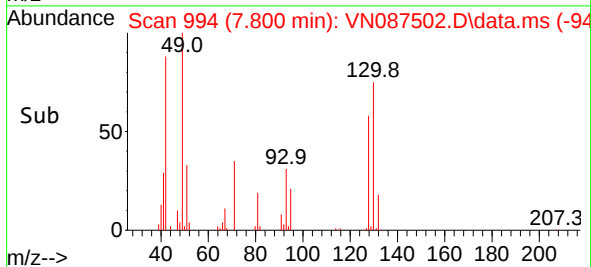
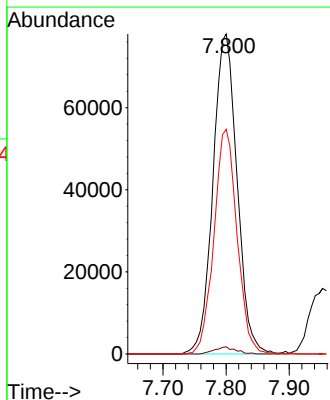
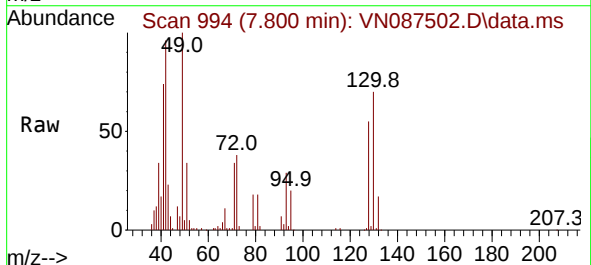
Manual Integrations
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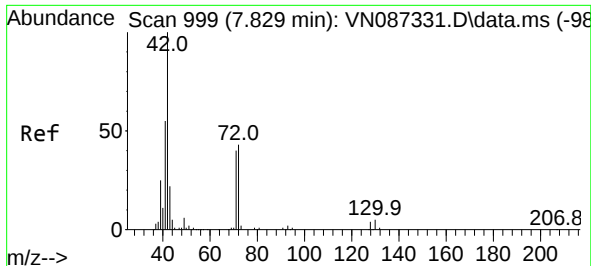
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025



#28
 Bromochloromethane
 Concen: 52.182 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24

Tgt Ion: 49 Resp: 206493
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 67.3 57.3 85.9





#29

Tetrahydrofuran

Concen: 274.208 ug/l

RT: 7.829 min Scan# 999

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 724045

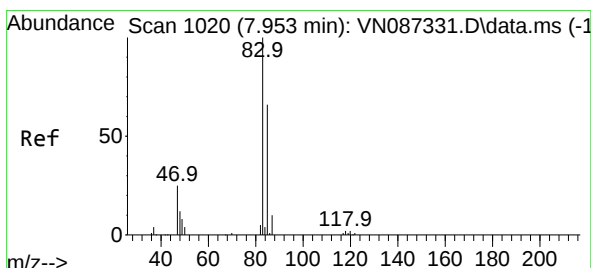
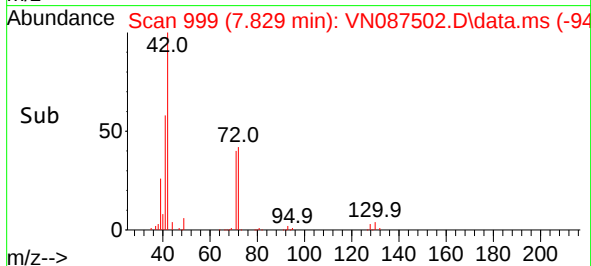
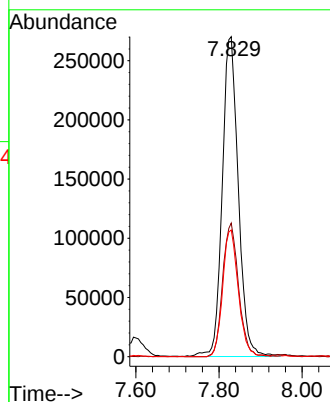
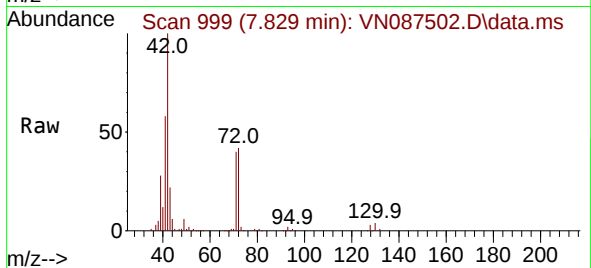
Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.4	50.0
71	38.8	31.2	46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#30

Chloroform

Concen: 56.246 ug/l

RT: 7.953 min Scan# 1020

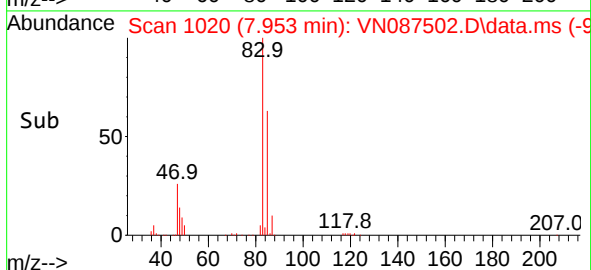
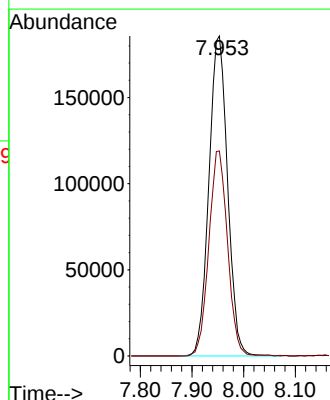
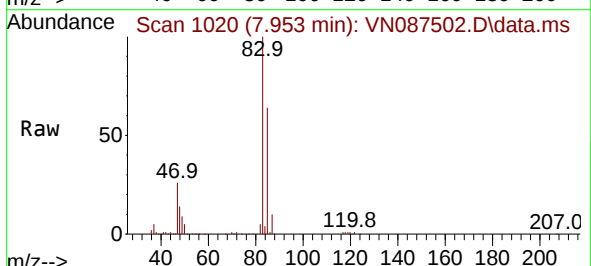
Delta R.T. 0.000 min

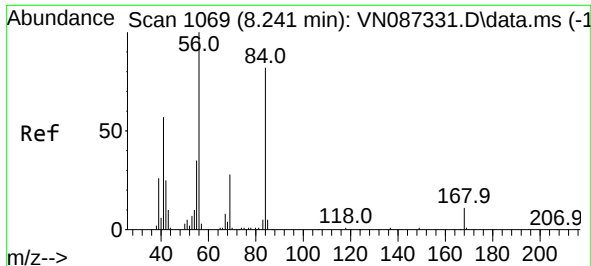
Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Tgt Ion: 83 Resp: 465493

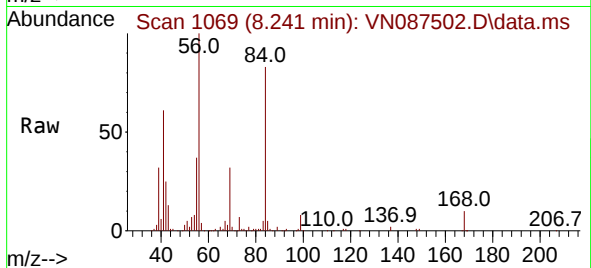
Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.7	79.1





#31
Cyclohexane
Concen: 53.214 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

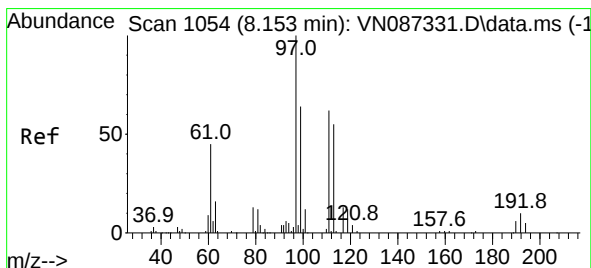
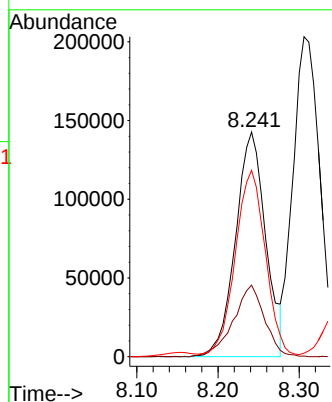
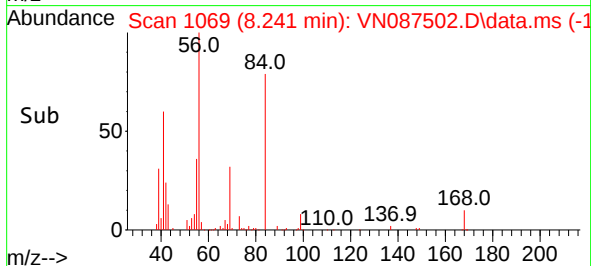
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



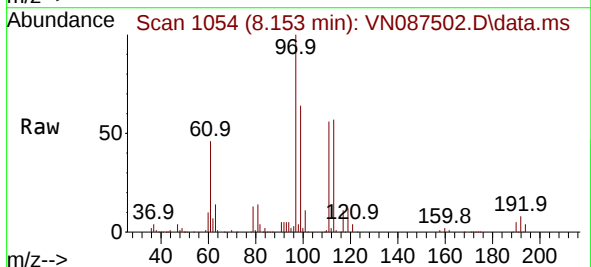
Tgt Ion: 56 Resp: 367049
Ion Ratio Lower Upper
56 100
69 31.8 22.7 34.1
84 81.1 65.8 98.6

Manual Integrations
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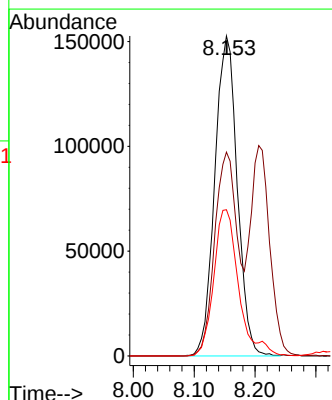
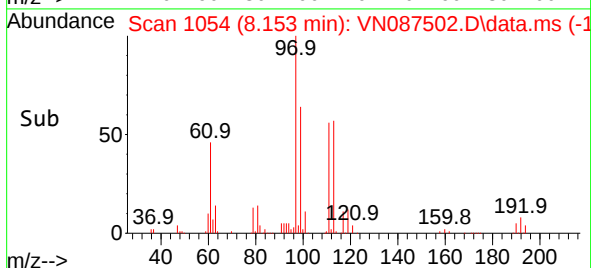
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

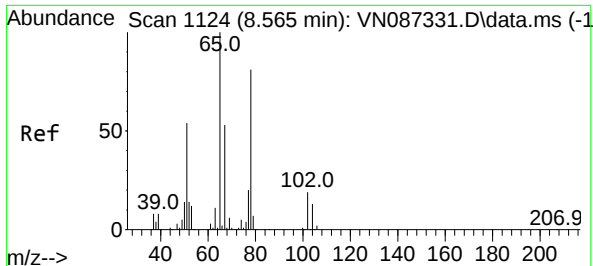


#32
1,1,1-Trichloroethane
Concen: 54.638 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24



Tgt Ion: 97 Resp: 391648
Ion Ratio Lower Upper
97 100
99 65.4 51.8 77.8
61 50.6 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 53.024 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 297500

Ion Ratio Lower Upper

65 100

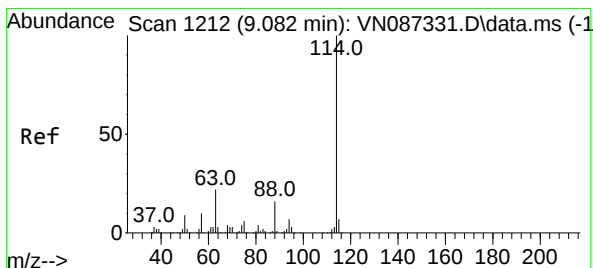
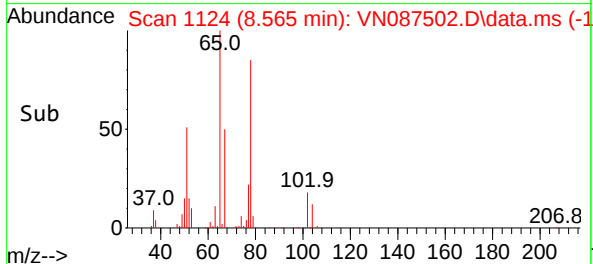
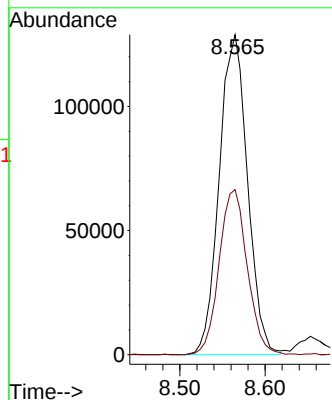
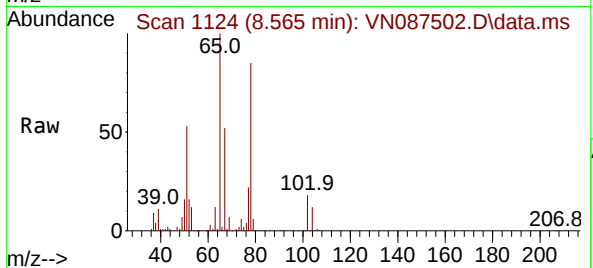
67 51.3 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

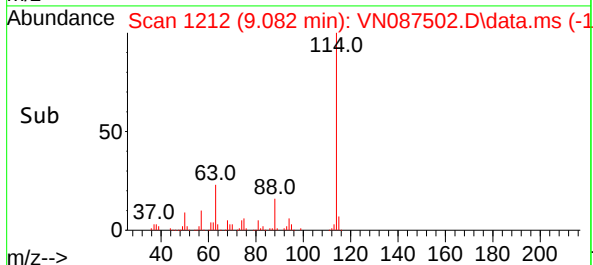
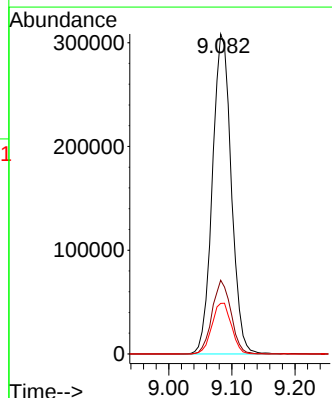
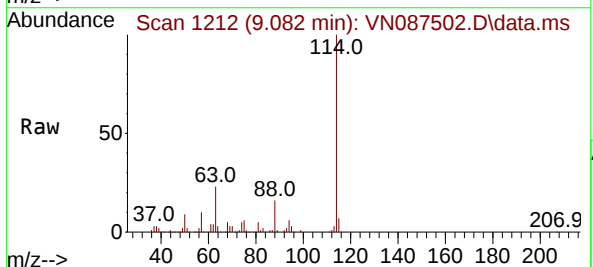
Tgt Ion:114 Resp: 639180

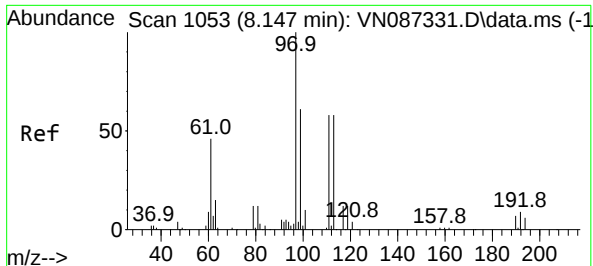
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

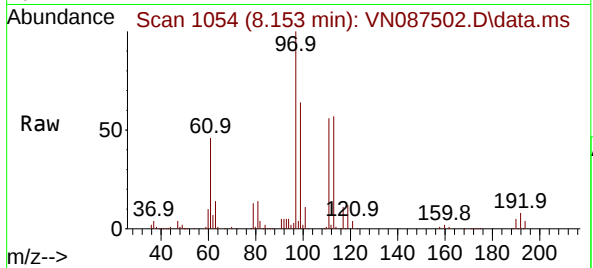
88 15.8 0.0 32.8





#35
Dibromofluoromethane
Concen: 47.204 ug/l
RT: 8.153 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

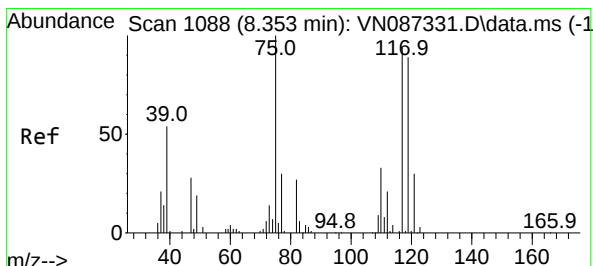
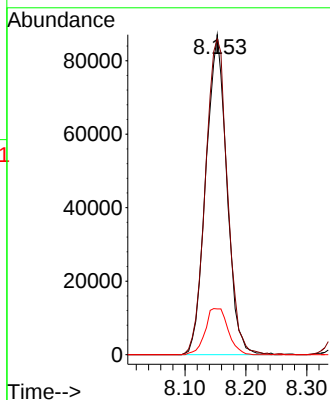
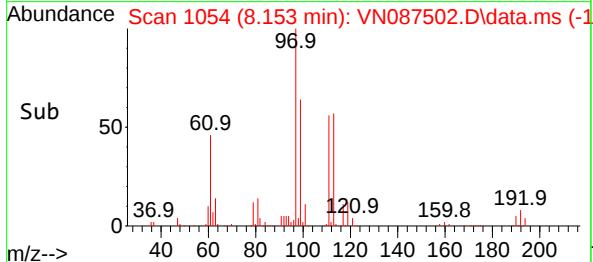
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 208120
Ion Ratio Lower Upper
113 100
111 103.3 82.5 123.7
192 15.7 13.7 20.5

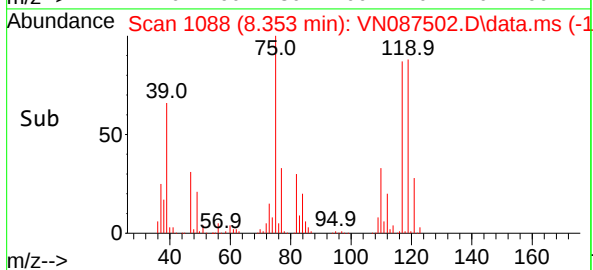
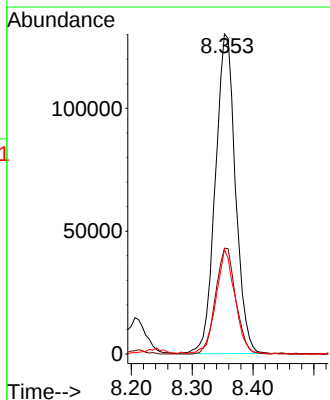
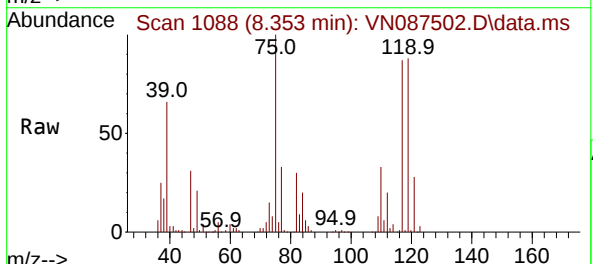
Manual Integrations
APPROVED

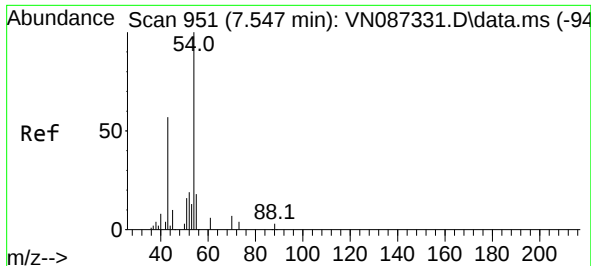
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#36
1,1-Dichloropropene
Concen: 51.286 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 75 Resp: 298749
Ion Ratio Lower Upper
75 100
110 33.0 16.7 50.1
77 31.2 25.2 37.8





#37

Ethyl Acetate

Concen: 51.229 ug/l

RT: 7.547 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN087502.D

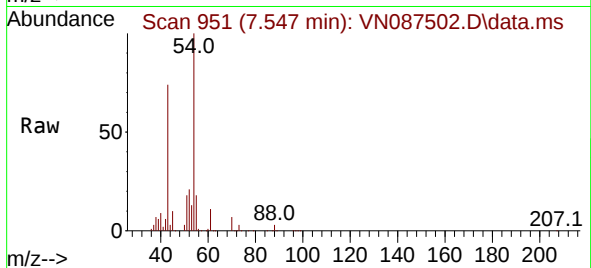
Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



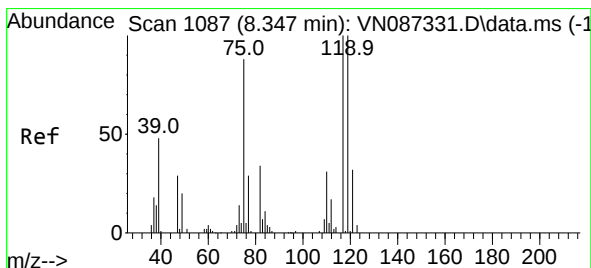
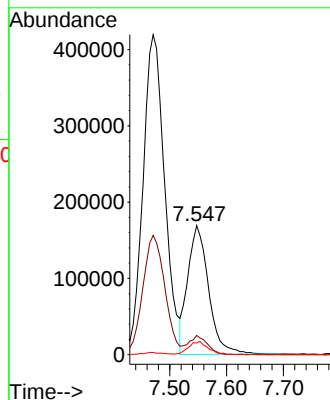
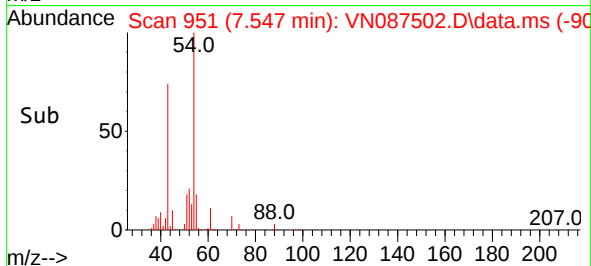
Tgt Ion:	43	Resp:	430984
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.9	16.3
70	9.6	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#38

Carbon Tetrachloride

Concen: 50.833 ug/l

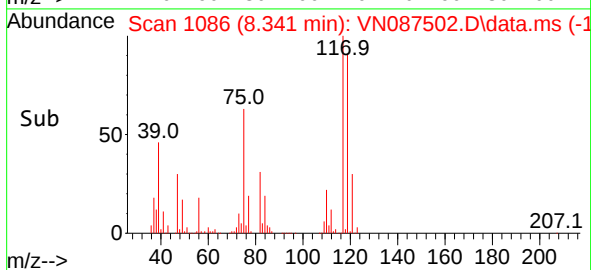
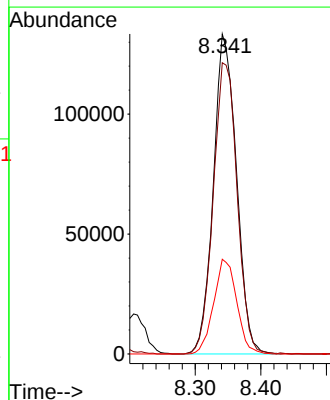
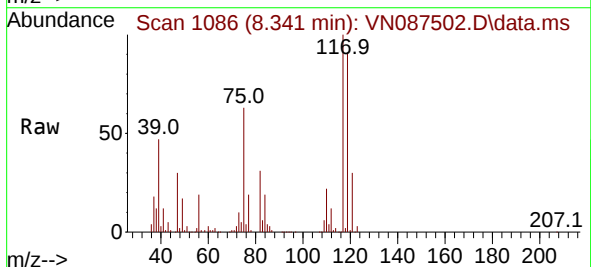
RT: 8.341 min Scan# 1086

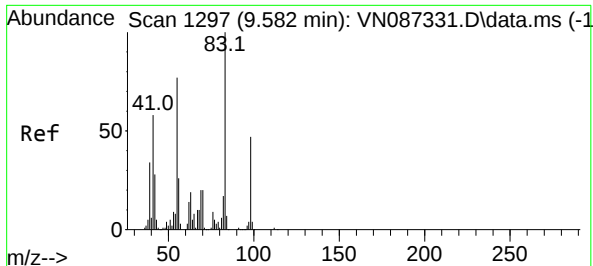
Delta R.T. -0.006 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Tgt Ion:	117	Resp:	326189
Ion	Ratio	Lower	Upper
117	100		
119	91.0	80.2	120.2
121	29.6	25.4	38.2





#39

Methylcyclohexane

Concen: 53.058 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087502.D

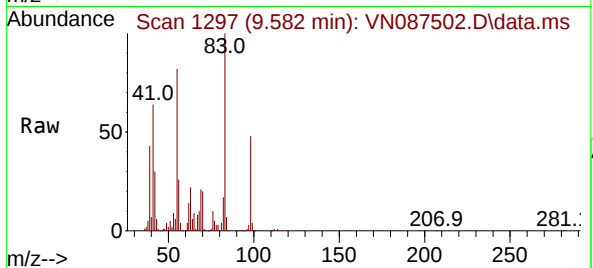
Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



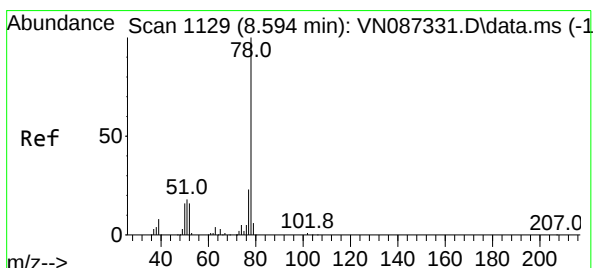
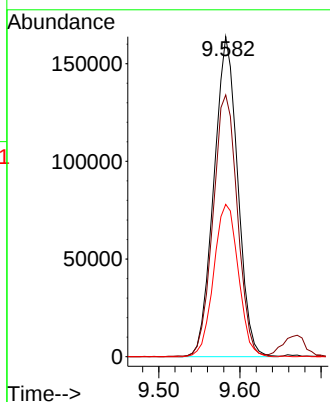
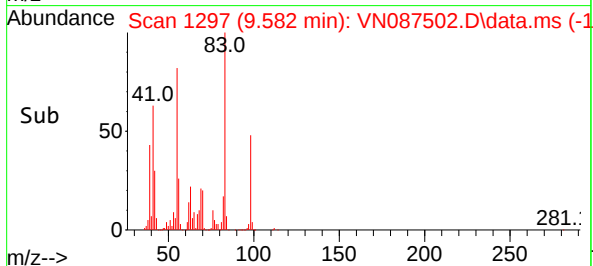
Tgt Ion:	83	Resp:	33461
Ion Ratio	Lower	Upper	
83	100		
55	81.6	61.3	91.9
98	47.6	37.9	56.9

Manual Integrations

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Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#40

Benzene

Concen: 51.720 ug/l

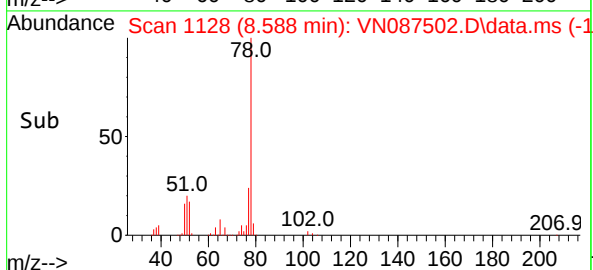
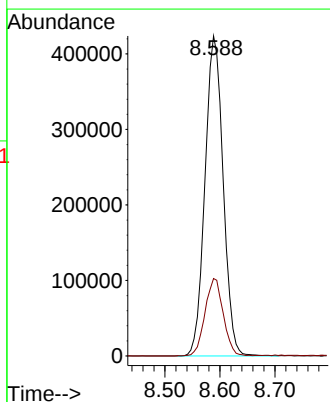
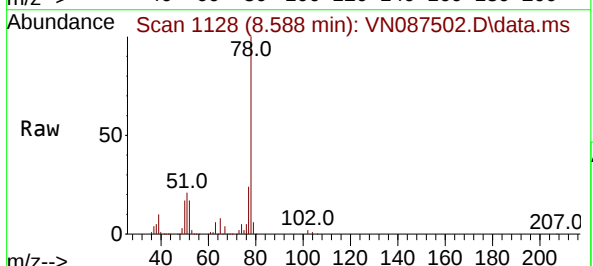
RT: 8.588 min Scan# 1128

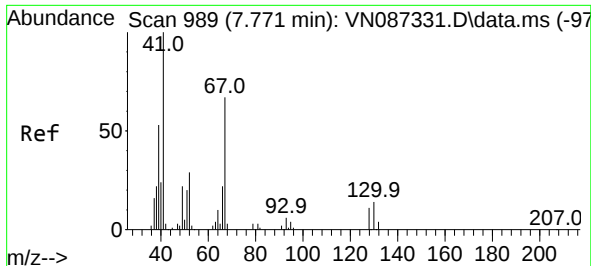
Delta R.T. -0.006 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Tgt Ion:	78	Resp:	973729
Ion Ratio	Lower	Upper	
78	100		
77	24.1	18.2	27.2





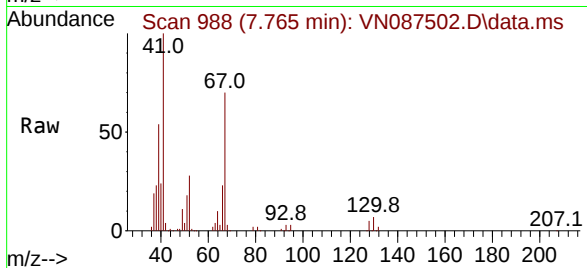
#41
Methacrylonitrile
Concen: 57.033 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



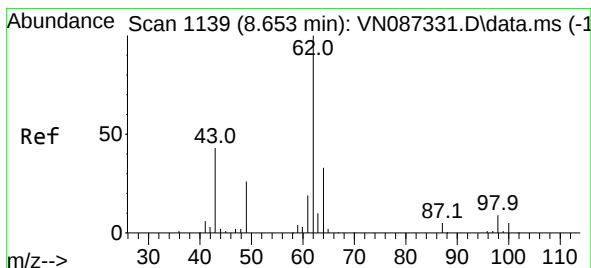
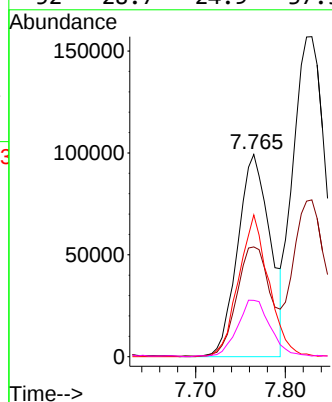
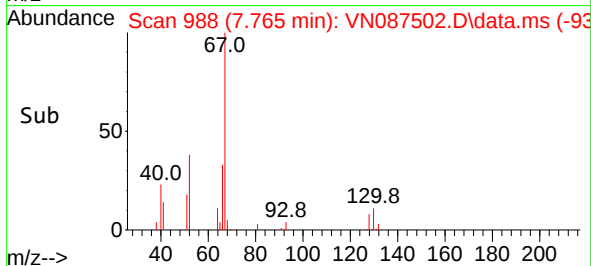
Tgt Ion: 41 Resp: 250885
Ion Ratio Lower Upper
41 100
39 56.0 43.4 65.0
67 65.3 55.1 82.7
52 28.7 24.9 37.3

Manual Integrations

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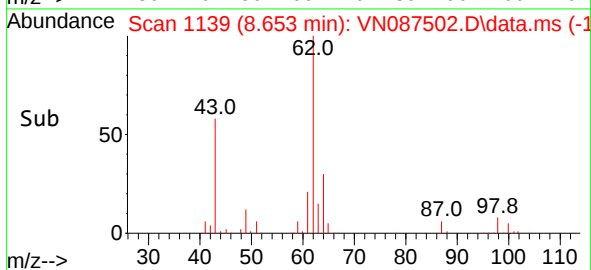
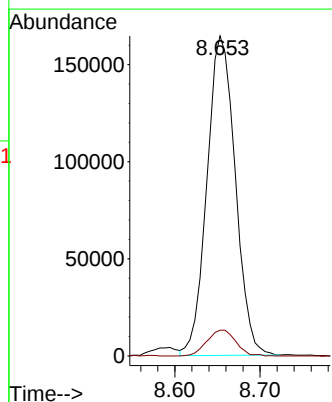
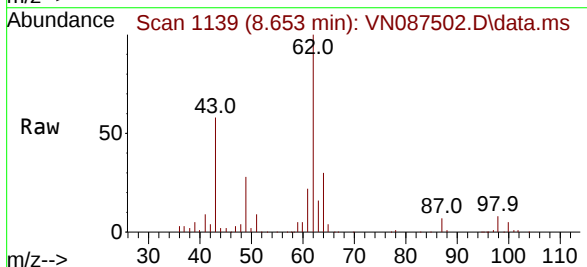
Reviewed By :John Carlone 08/13/2025

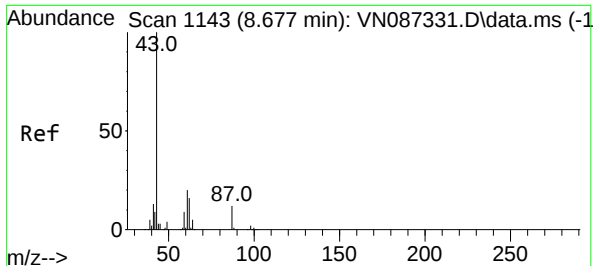
Supervised By :Mahesh Dadoda 08/14/2025



#42
1,2-Dichloroethane
Concen: 53.165 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

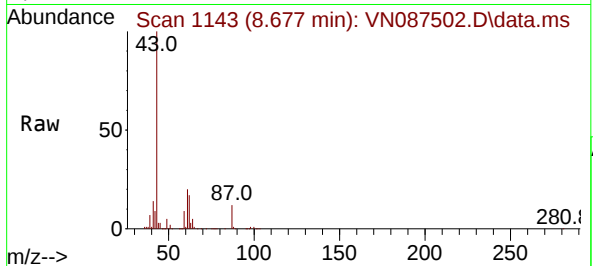
Tgt Ion: 62 Resp: 379576
Ion Ratio Lower Upper
62 100
98 8.3 0.0 18.0





#43
Isopropyl Acetate
Concen: 54.554 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

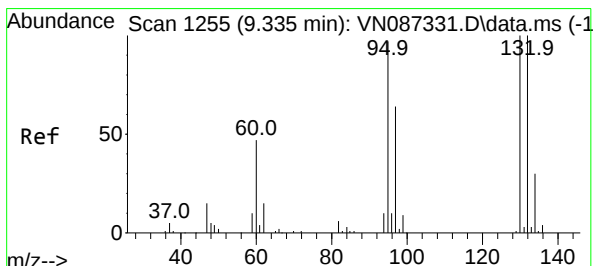
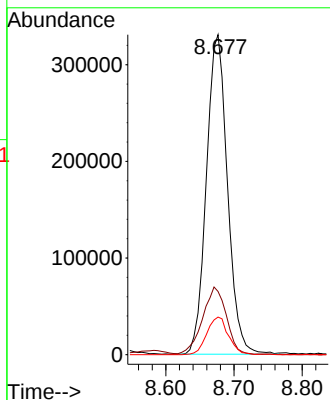
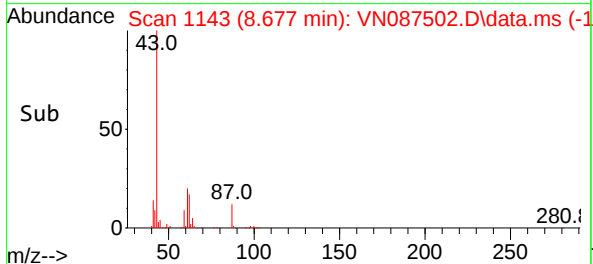
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



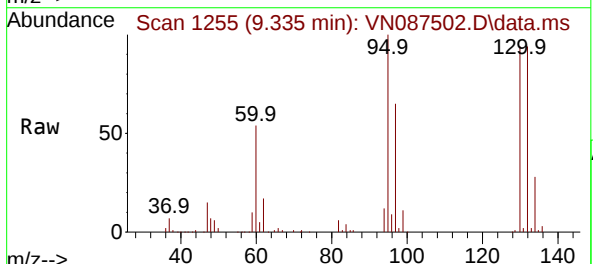
Tgt Ion: 43 Resp: 712450
Ion Ratio Lower Upper
43 100
61 23.7 19.8 29.8
87 12.0 9.8 14.6

Manual Integrations
APPROVED

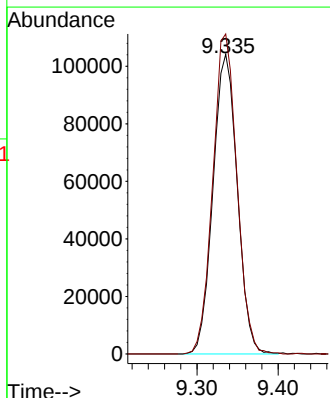
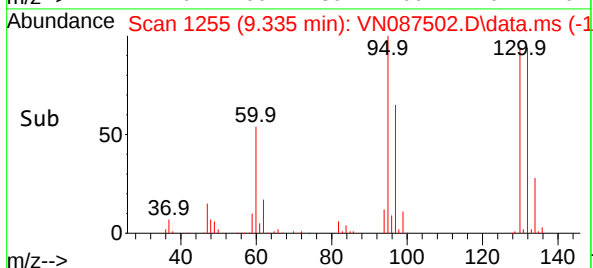
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

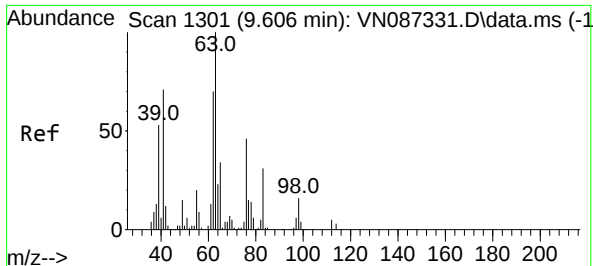


#44
Trichloroethene
Concen: 48.652 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24



Tgt Ion:130 Resp: 216430
Ion Ratio Lower Upper
130 100
95 106.8 0.0 195.2





#45

1,2-Dichloropropane

Concen: 51.577 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 246730

Ion Ratio Lower Upper

63 100

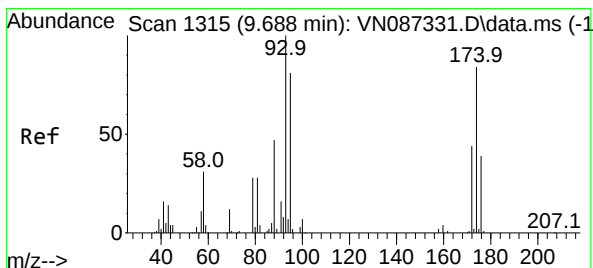
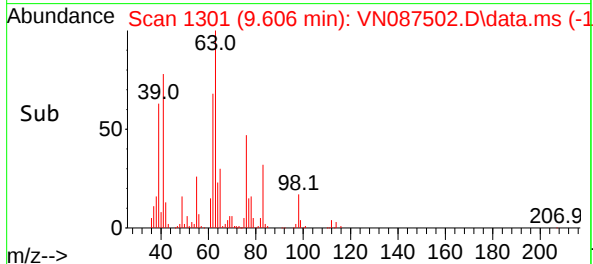
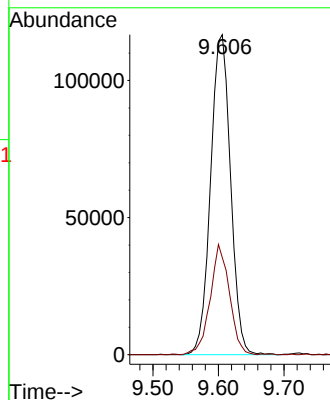
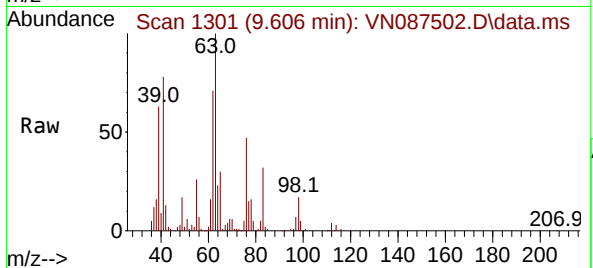
65 30.4 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#46

Dibromomethane

Concen: 51.124 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

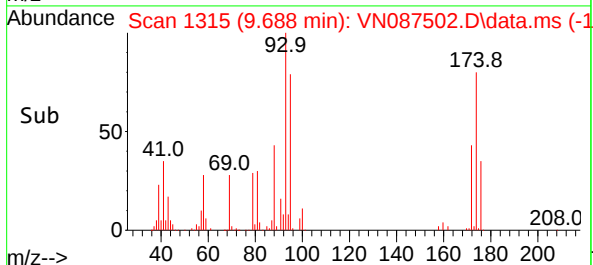
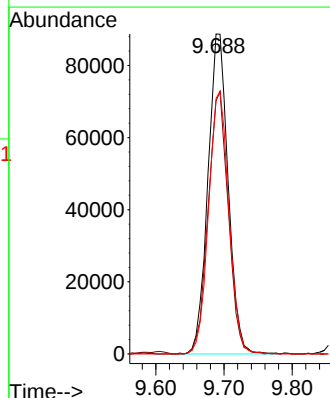
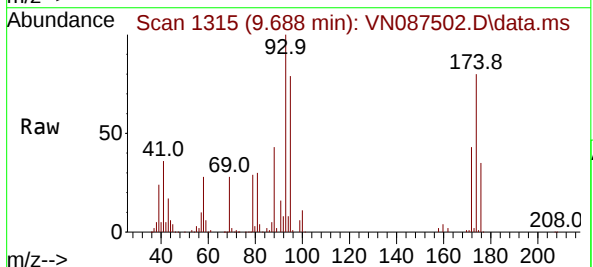
Tgt Ion: 93 Resp: 183110

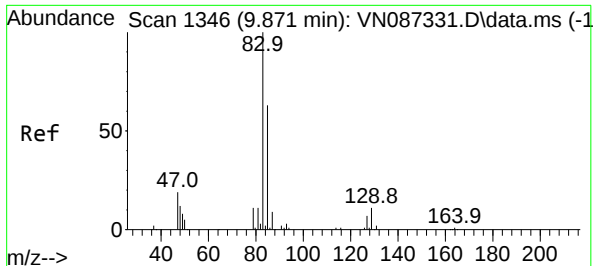
Ion Ratio Lower Upper

93 100

95 81.6 65.8 98.8

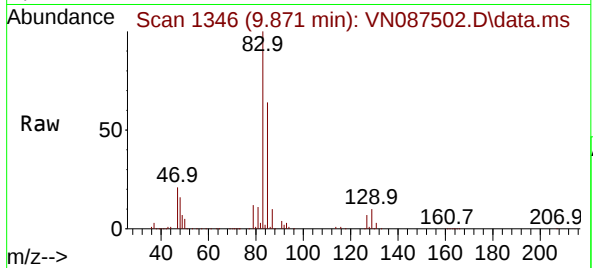
174 82.4 69.9 104.9





#47
Bromodichloromethane
Concen: 52.785 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

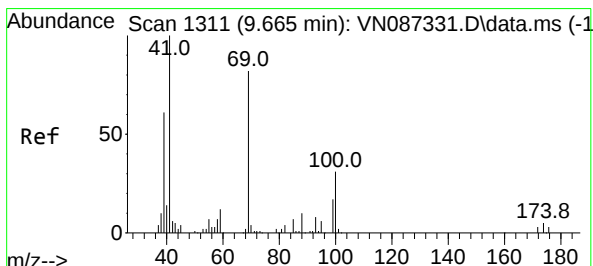
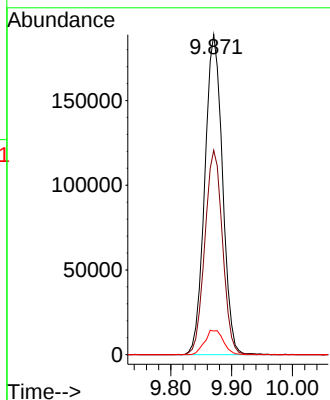
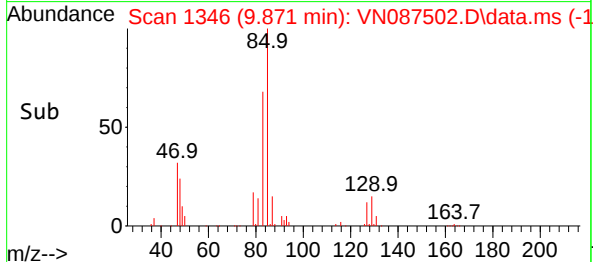
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 380818
Ion Ratio Lower Upper
83 100
85 63.8 50.4 75.6
127 7.4 5.8 8.8

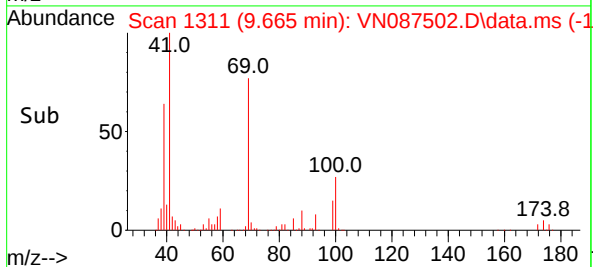
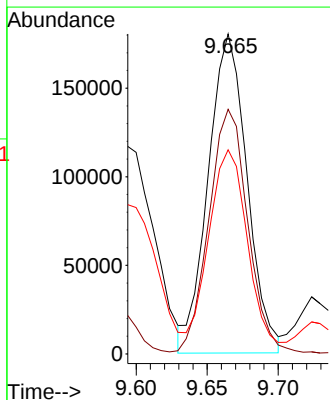
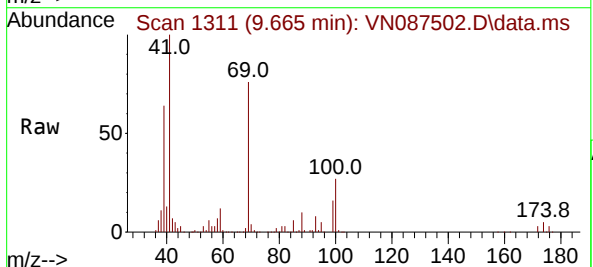
Manual Integrations
APPROVED

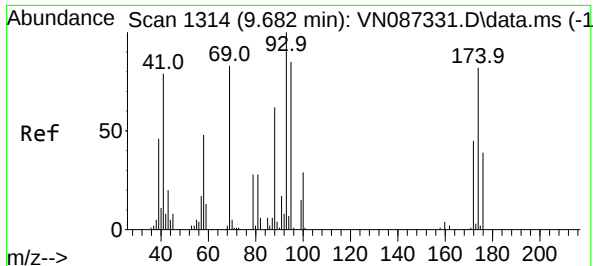
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#48
Methyl methacrylate
Concen: 58.304 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 41 Resp: 342785
Ion Ratio Lower Upper
41 100
69 77.0 64.1 96.1
39 64.0 45.5 68.3





#49

1,4-Dioxane

Concen: 1048.916 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 9445

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

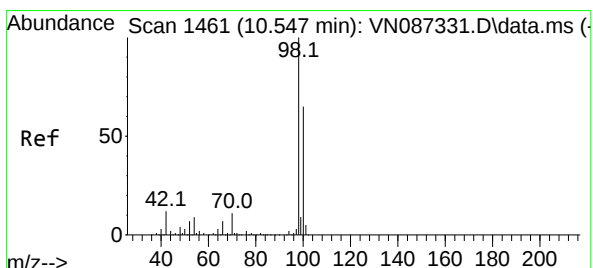
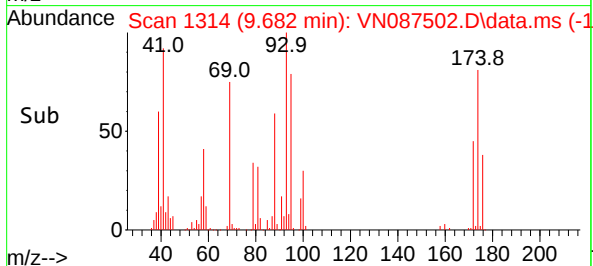
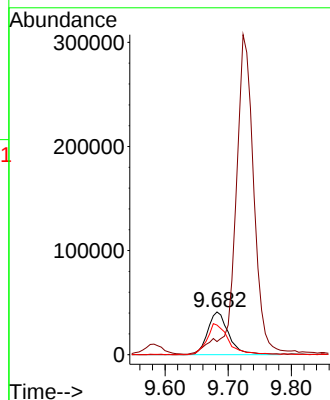
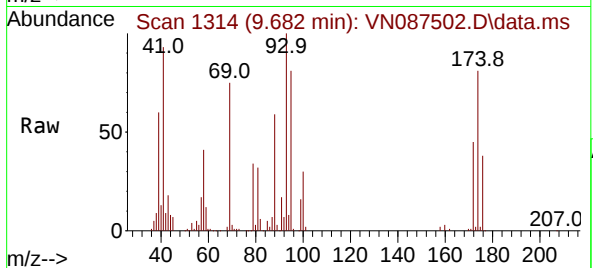
58 74.5 61.1 91.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#50

Toluene-d8

Concen: 48.563 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087502.D

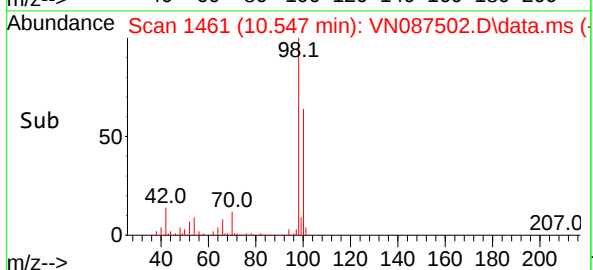
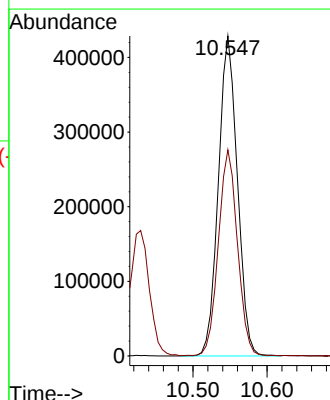
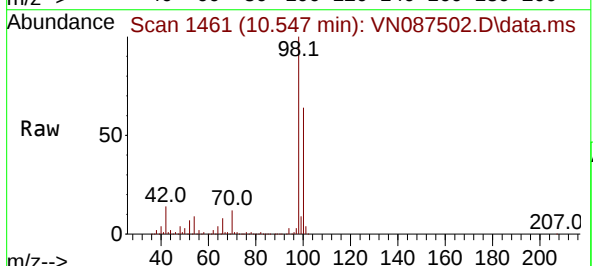
Acq: 12 Aug 2025 10:24

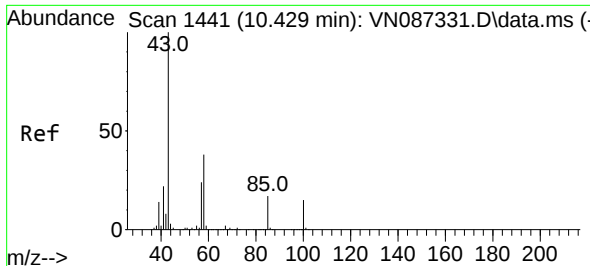
Tgt Ion: 98 Resp: 763783

Ion Ratio Lower Upper

98 100

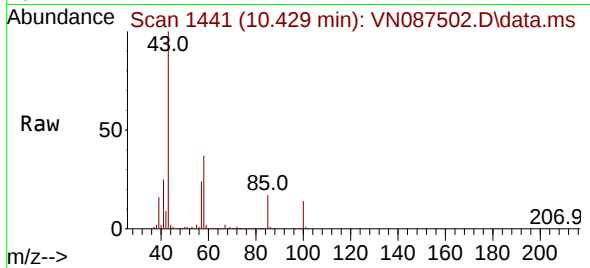
100 64.4 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 263.494 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

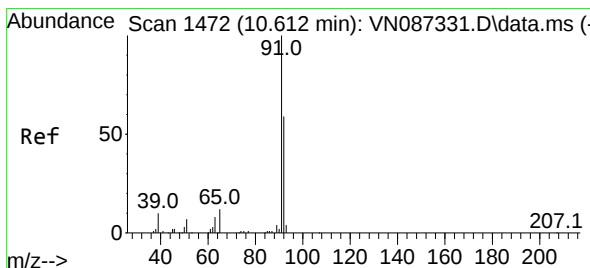
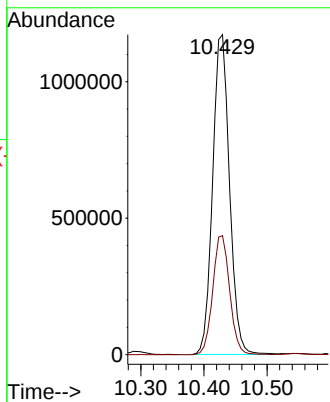
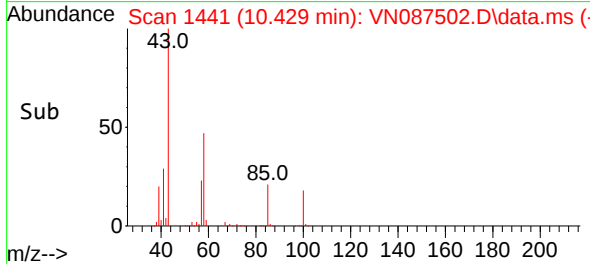
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



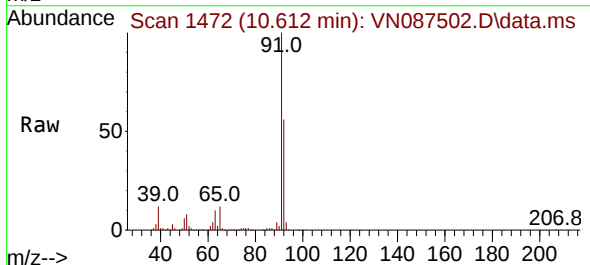
Tgt Ion: 43 Resp: 217644
Ion Ratio Lower Upper
43 100
58 37.4 30.8 46.2

Manual Integrations
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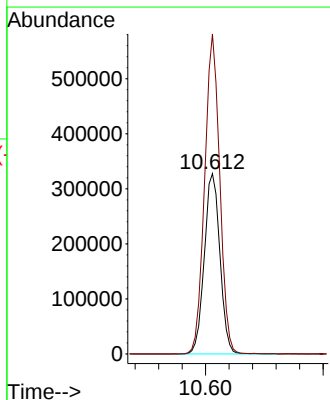
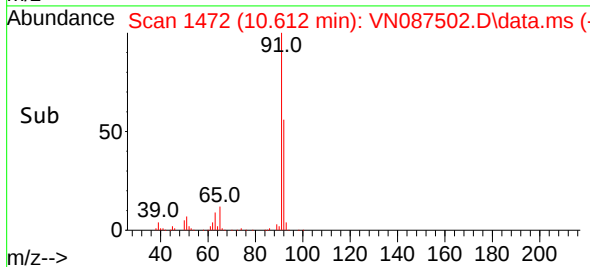
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

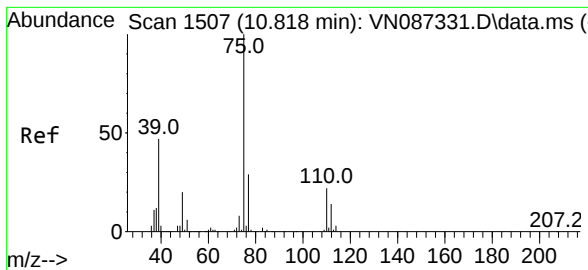


#52
Toluene
Concen: 52.597 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24



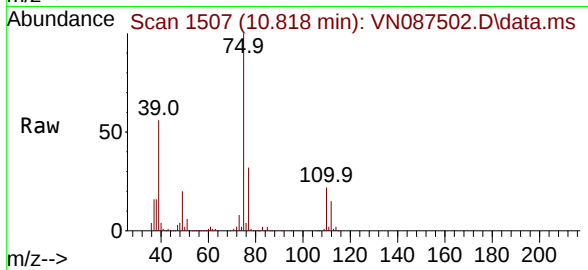
Tgt Ion: 92 Resp: 601880
Ion Ratio Lower Upper
92 100
91 172.0 135.1 202.7





#53
t-1,3-Dichloropropene
Concen: 57.395 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

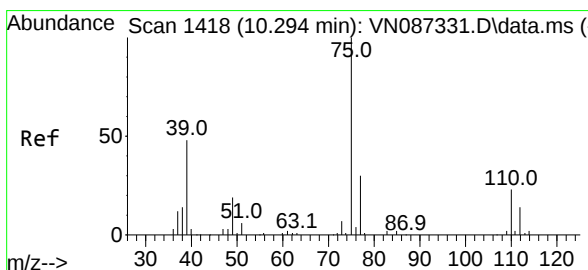
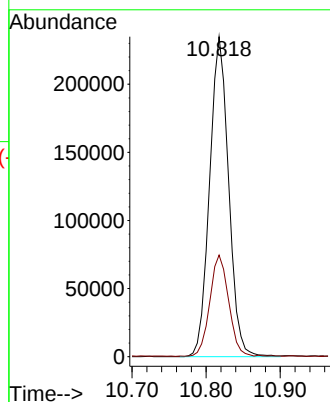
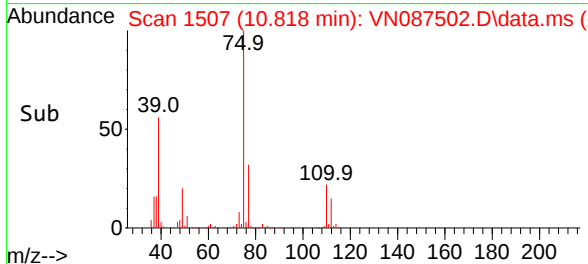
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



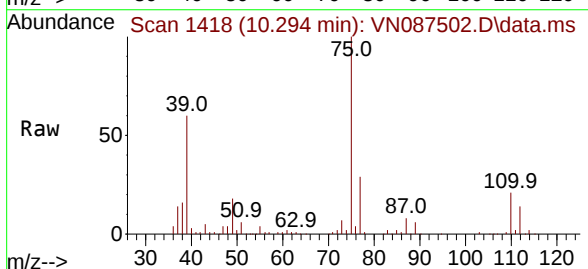
Tgt Ion: 75 Resp: 419058
Ion Ratio Lower Upper
75 100
77 31.6 23.6 35.4

Manual Integrations
APPROVED

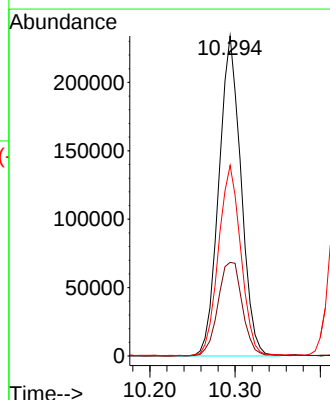
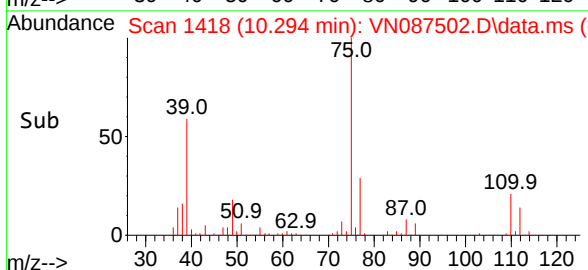
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

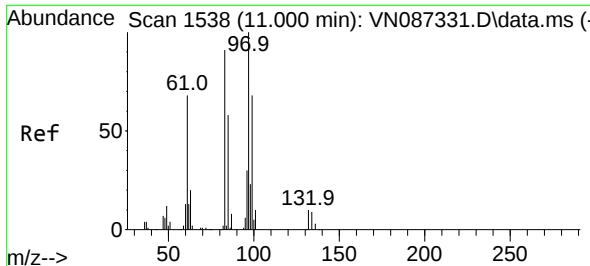


#54
cis-1,3-Dichloropropene
Concen: 55.857 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24



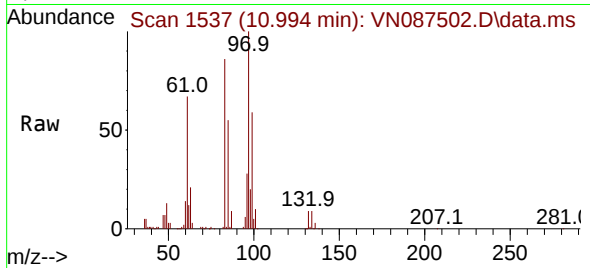
Tgt Ion: 75 Resp: 421265
Ion Ratio Lower Upper
75 100
77 29.0 24.2 36.2
39 59.4 38.4 57.6#





#55
1,1,2-Trichloroethane
Concen: 51.637 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

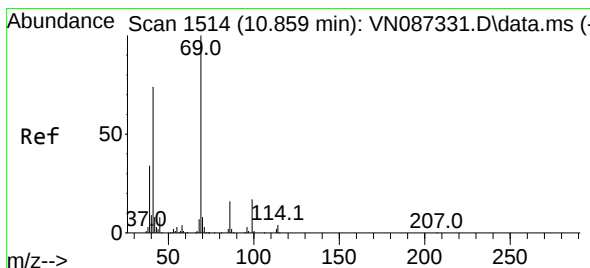
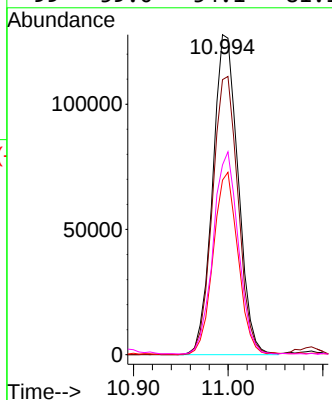
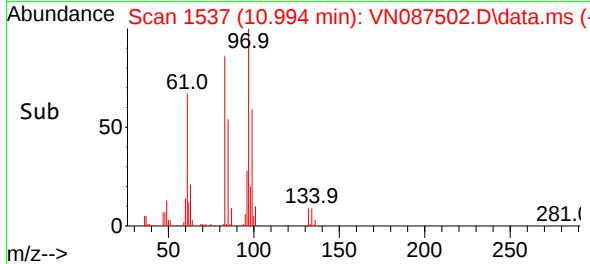
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 239225
Ion Ratio Lower Upper
97 100
83 85.9 72.6 109.0
85 54.6 46.7 70.1
99 59.0 54.1 81.1

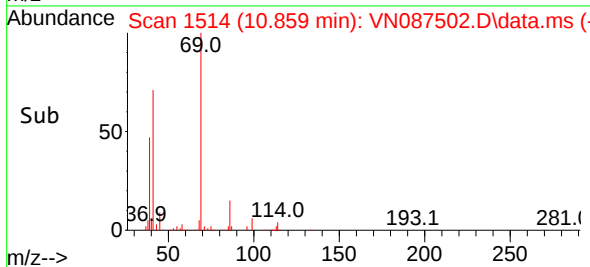
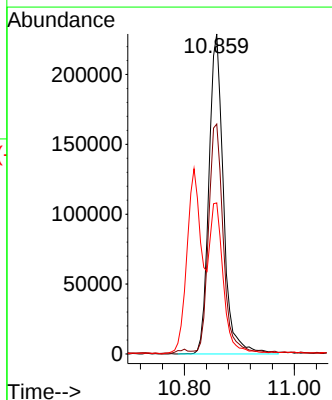
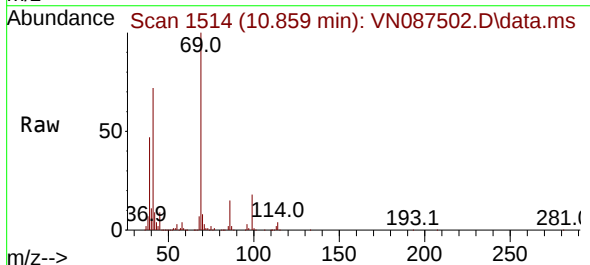
Manual Integrations
APPROVED

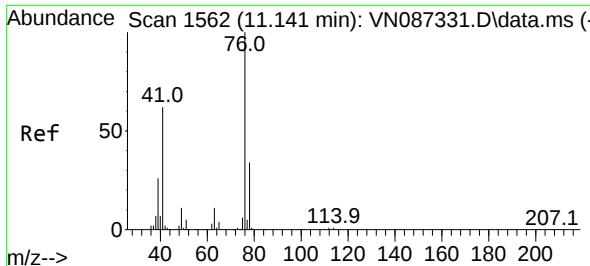
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#56
Ethyl methacrylate
Concen: 53.919 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

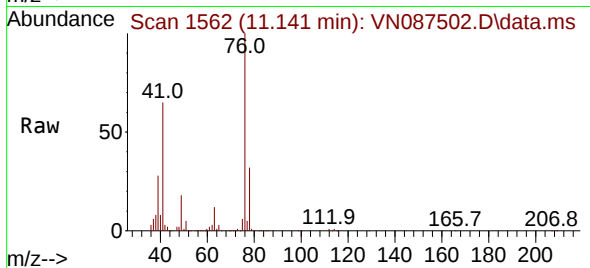
Tgt Ion: 69 Resp: 421434
Ion Ratio Lower Upper
69 100
41 70.9 55.1 82.7
39 42.3 27.9 41.9





#57
1,3-Dichloropropane
Concen: 52.696 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

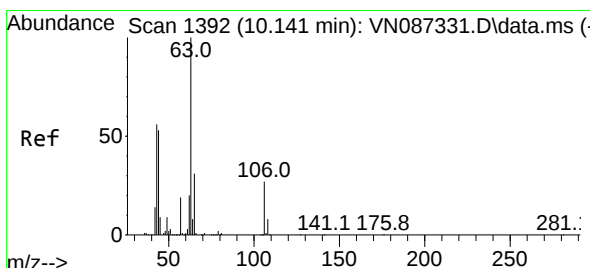
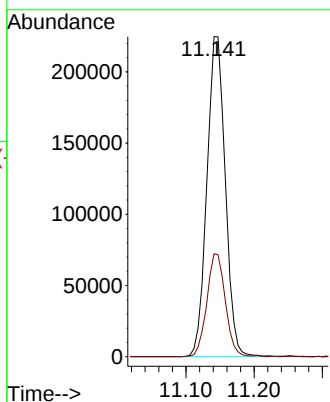
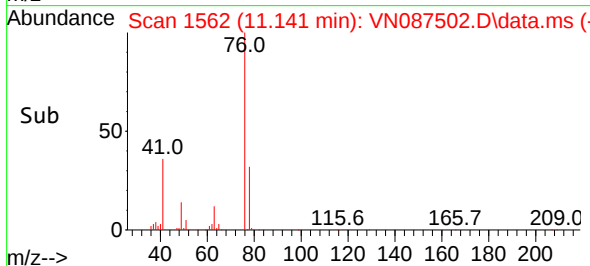
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



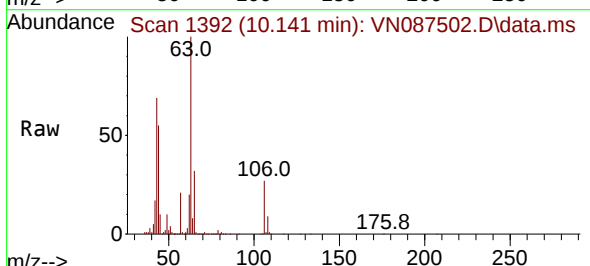
Tgt Ion: 76 Resp: 422100
Ion Ratio Lower Upper
76 100
78 32.3 26.0 39.0

Manual Integrations
APPROVED

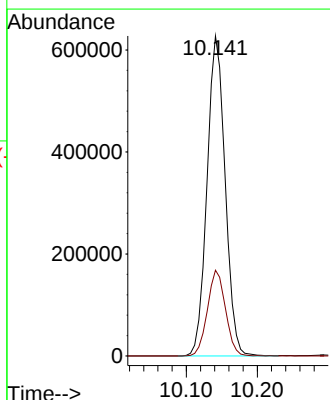
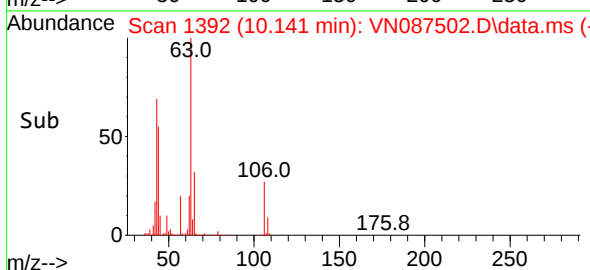
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

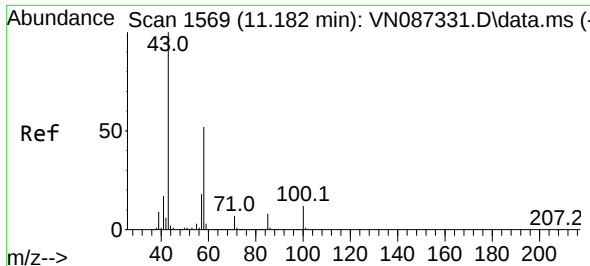


#58
2-Chloroethyl Vinyl ether
Concen: 292.701 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24



Tgt Ion: 63 Resp: 1112387
Ion Ratio Lower Upper
63 100
106 26.7 21.7 32.5





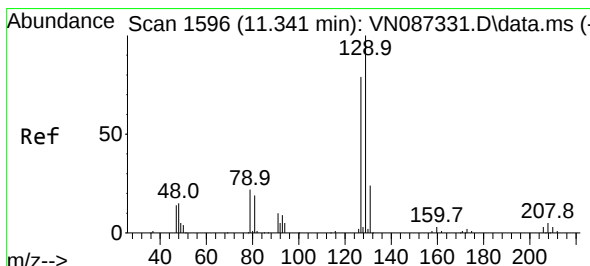
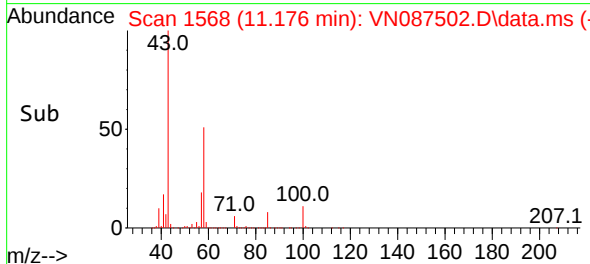
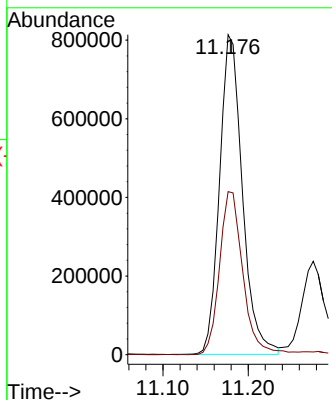
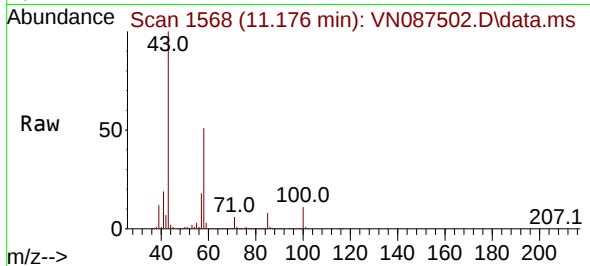
#59
2-Hexanone
Concen: 276.651 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 151608
Ion Ratio Lower Upper
43 100
58 52.3 26.7 80.0

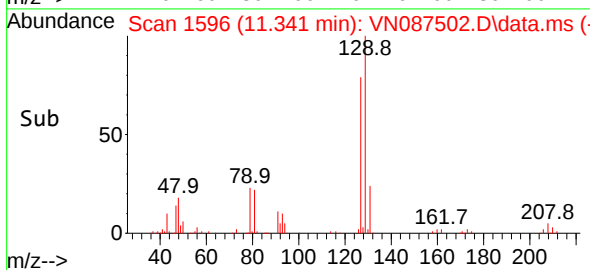
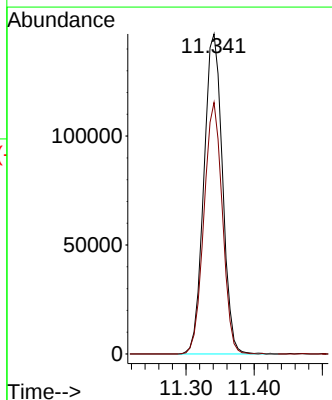
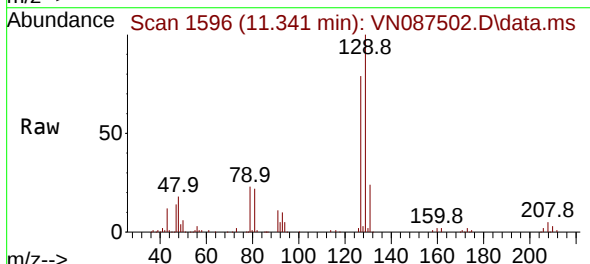
Manual Integrations
APPROVED

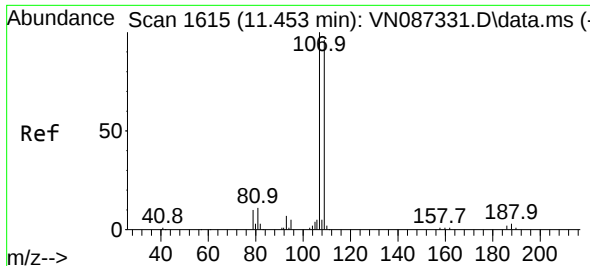
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#60
Dibromochloromethane
Concen: 52.733 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

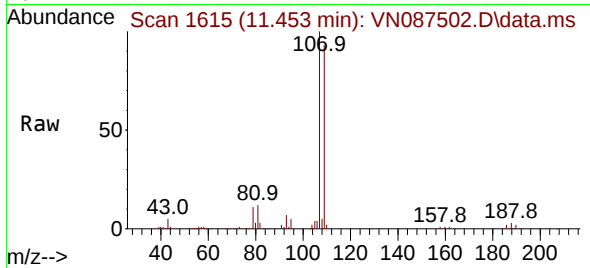
Tgt Ion:129 Resp: 278616
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.5





#61
1,2-Dibromoethane
Concen: 51.372 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

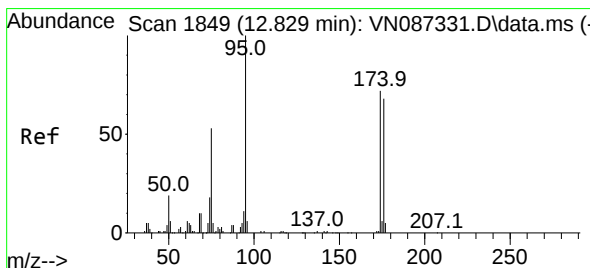
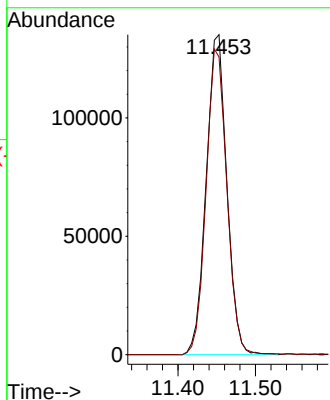
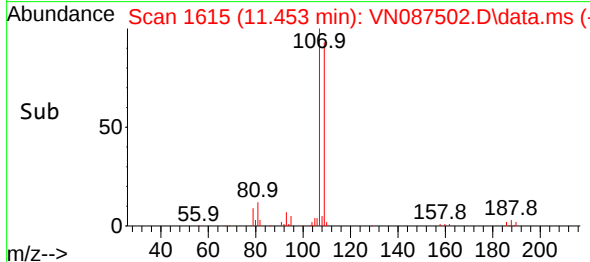
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 250244
Ion Ratio Lower Upper
107 100
109 95.8 77.5 116.3

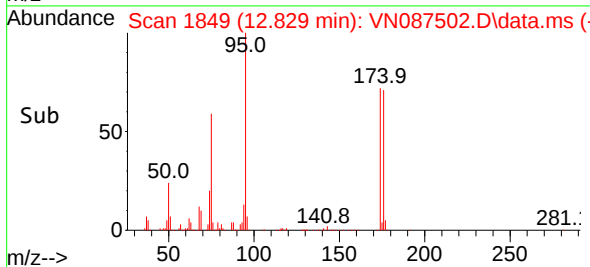
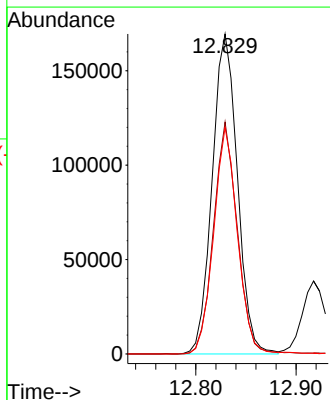
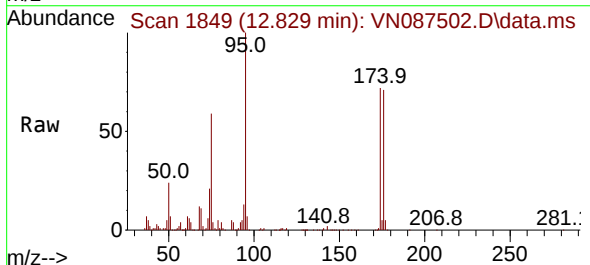
Manual Integrations
APPROVED

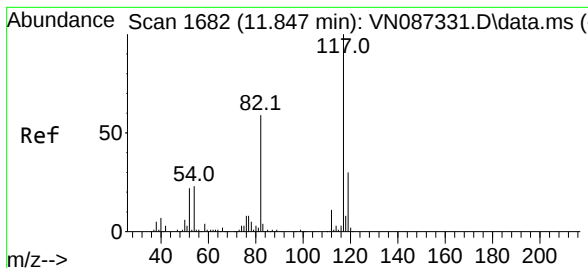
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#62
4-Bromofluorobenzene
Concen: 50.882 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

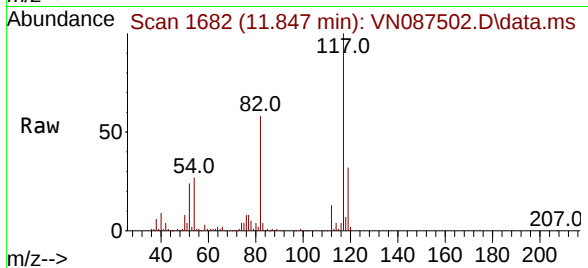
Tgt Ion: 95 Resp: 295656
Ion Ratio Lower Upper
95 100
174 68.7 0.0 149.4
176 66.6 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

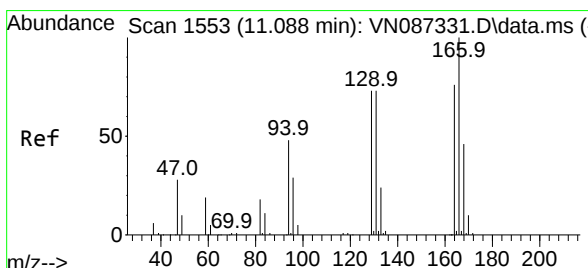
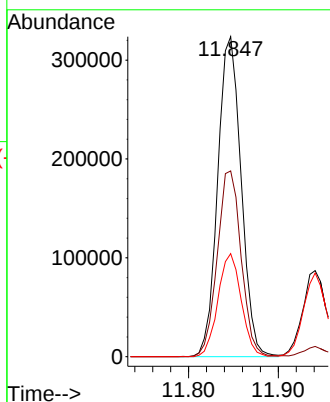
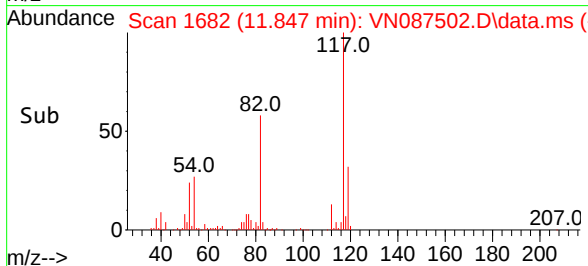
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 587049
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.2 23.8 35.8

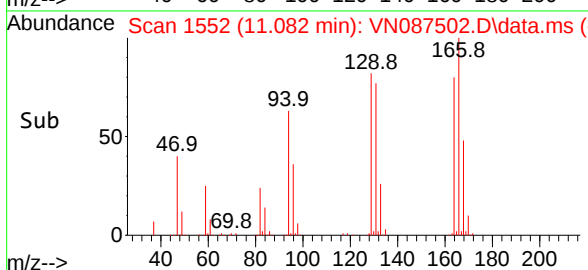
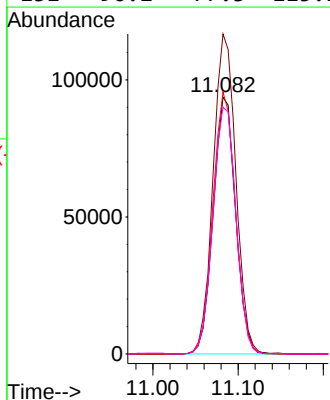
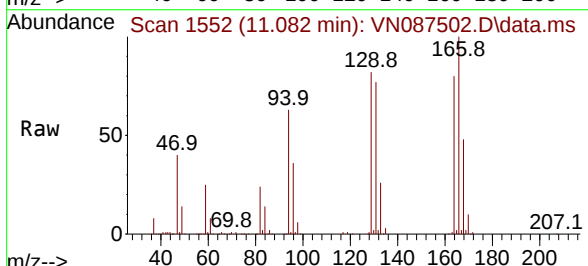
Manual Integrations
APPROVED

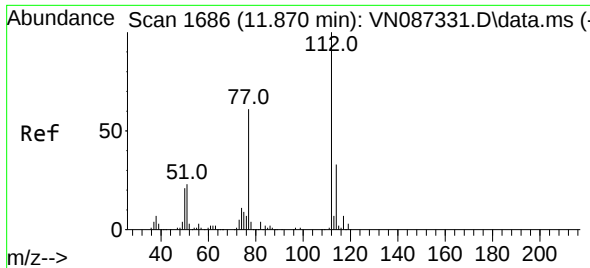
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#64
Tetrachloroethene
Concen: 45.208 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:164 Resp: 170810
Ion Ratio Lower Upper
164 100
166 124.6 105.5 158.3
129 101.9 77.4 116.2
131 96.2 77.3 115.9





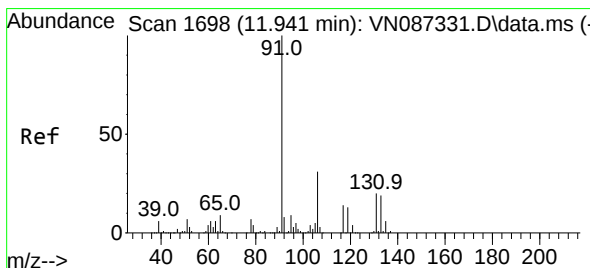
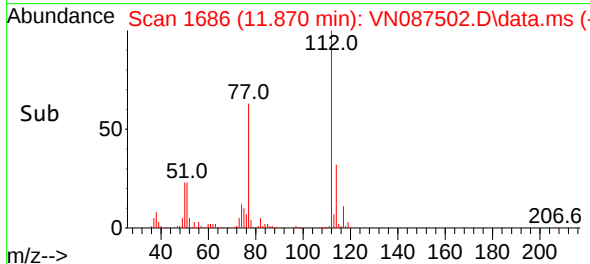
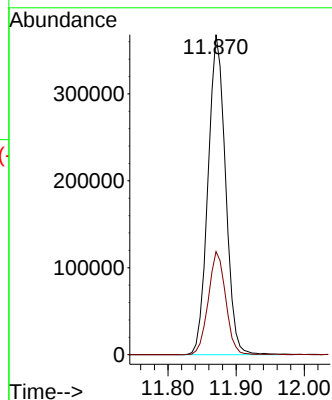
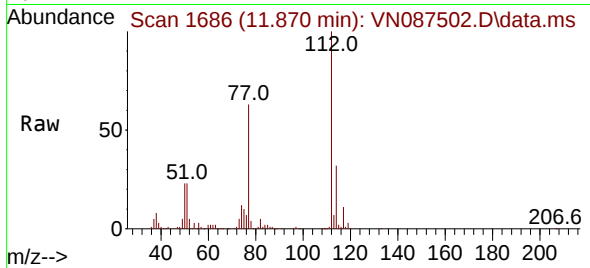
#65
Chlorobenzene
Concen: 49.908 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 657775
Ion Ratio Lower Upper
112 100
114 32.2 26.5 39.7

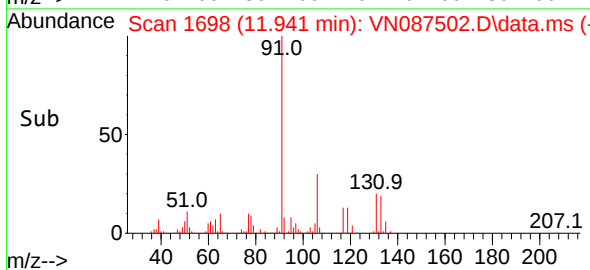
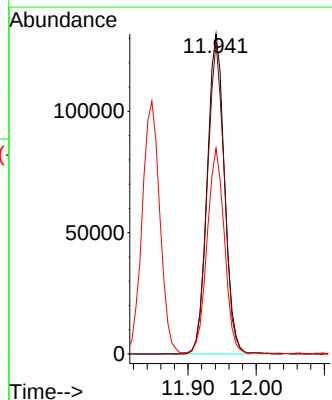
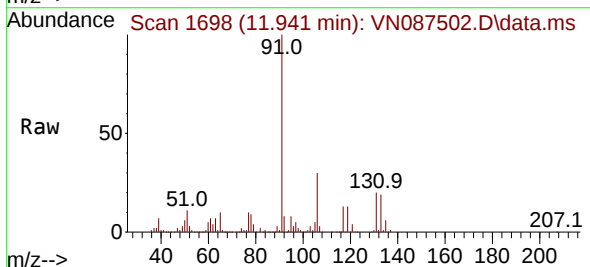
Manual Integrations
APPROVED

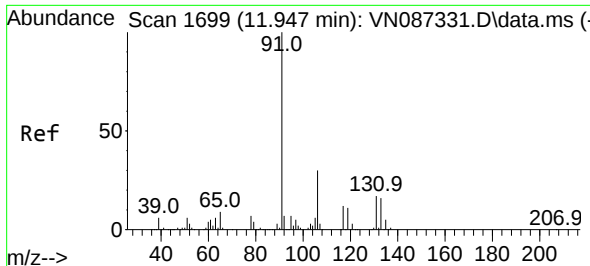
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.042 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

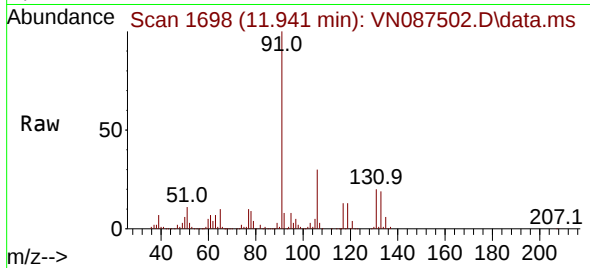
Tgt Ion:131 Resp: 233230
Ion Ratio Lower Upper
131 100
133 95.4 47.4 142.3
119 63.6 33.1 99.2





#67
Ethyl Benzene
Concen: 54.212 ug/l
RT: 11.941 min Scan# 117624
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

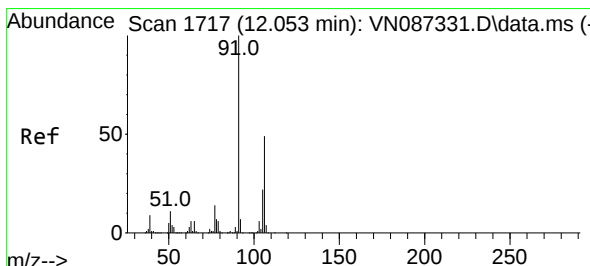
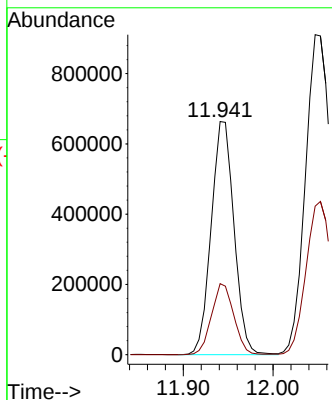
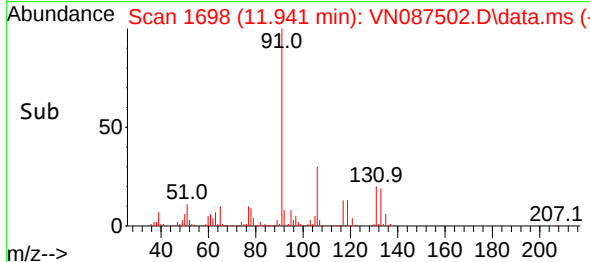
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 117624
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5

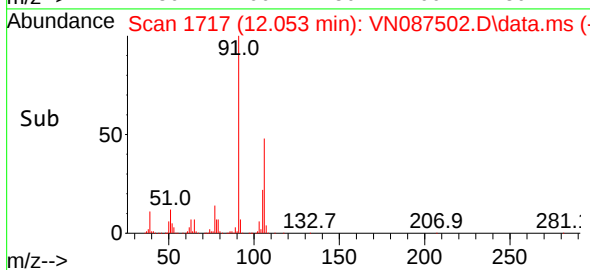
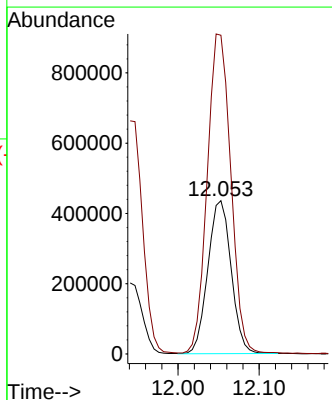
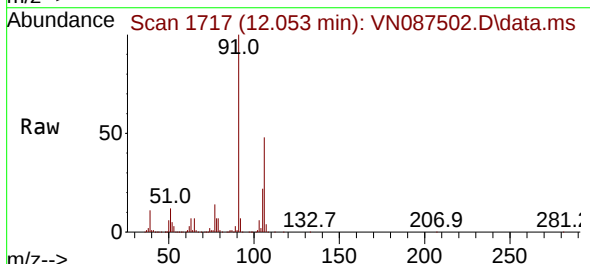
Manual Integrations
APPROVED

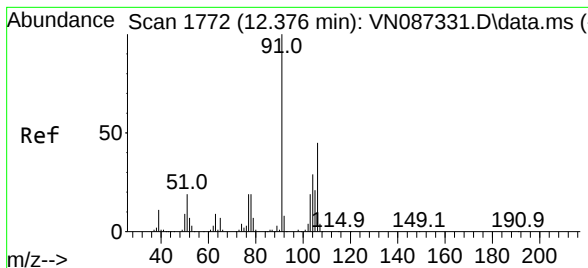
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#68
m/p-Xylenes
Concen: 107.076 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:106 Resp: 869964
Ion Ratio Lower Upper
106 100
91 212.1 162.0 243.0





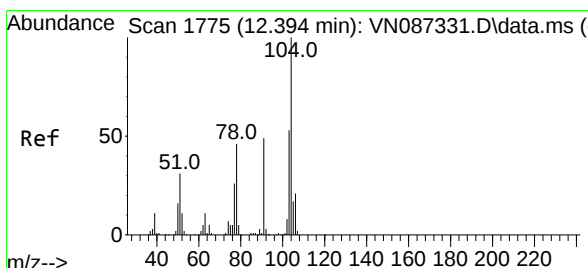
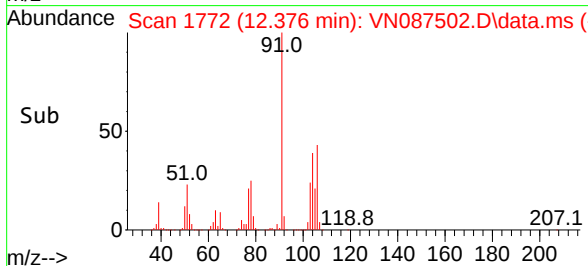
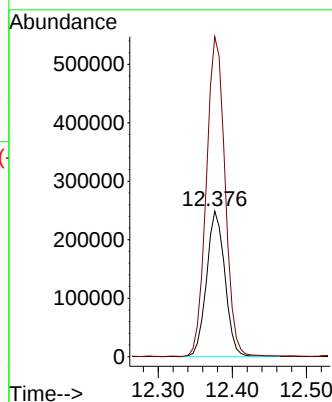
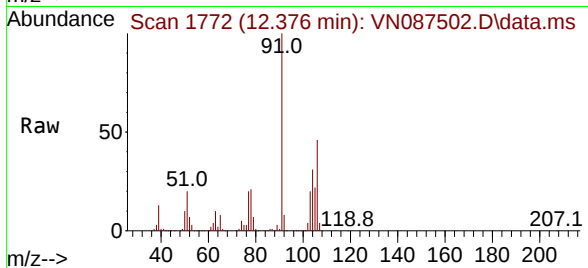
#69
o-Xylene
Concen: 55.254 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 42882
Ion Ratio Lower Upper
106 100
91 224.2 107.7 323.3

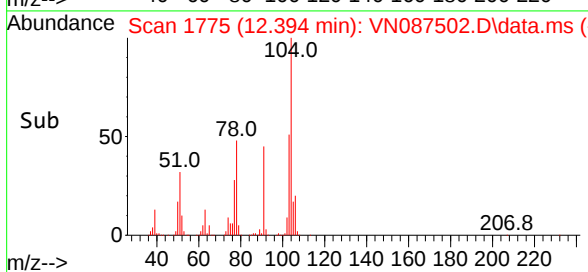
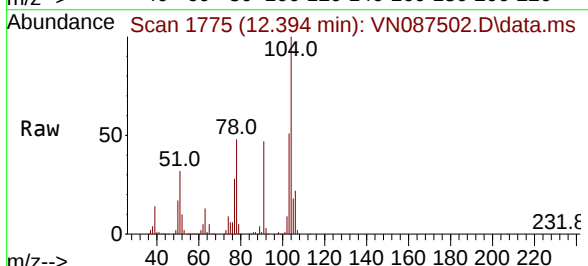
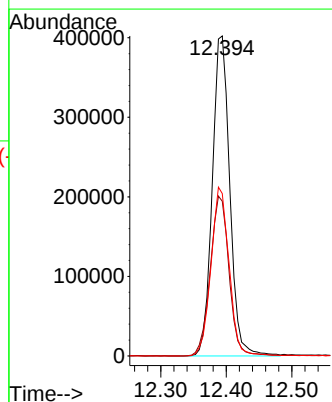
Manual Integrations
APPROVED

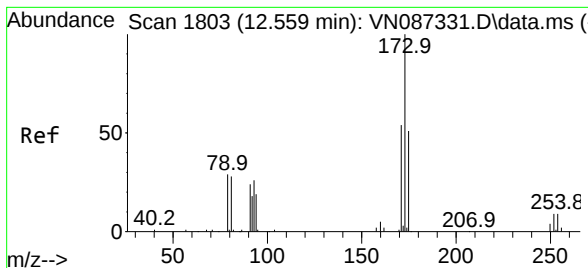
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#70
Styrene
Concen: 57.114 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:104 Resp: 745658
Ion Ratio Lower Upper
104 100
78 53.7 41.0 61.6
103 54.5 43.9 65.9





#71

Bromoform

Concen: 51.560 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 186678

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.3

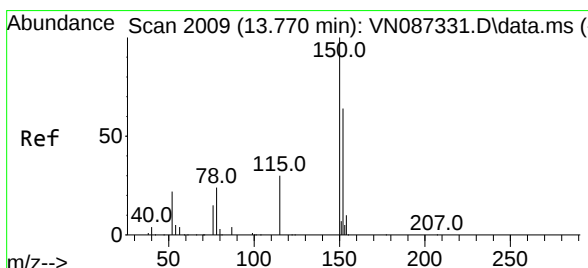
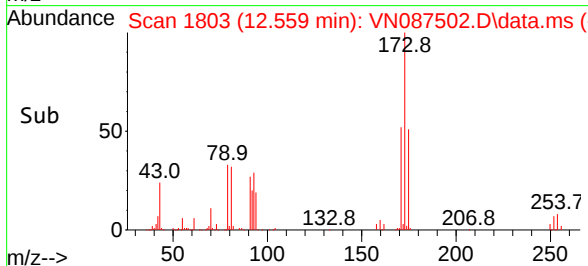
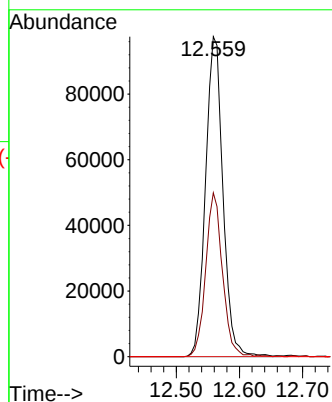
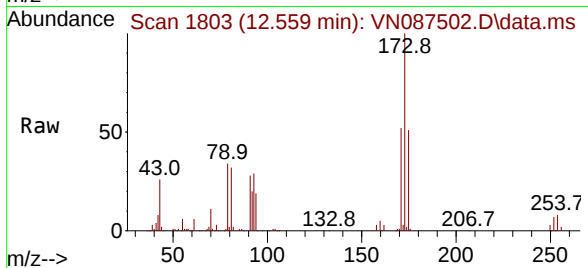
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

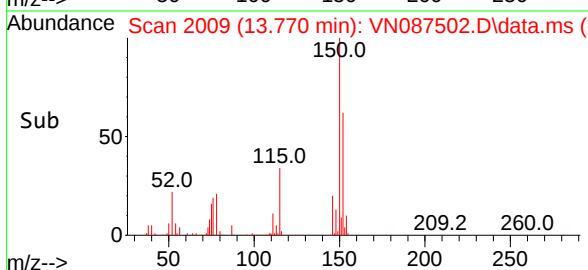
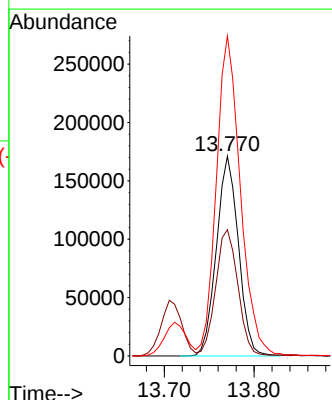
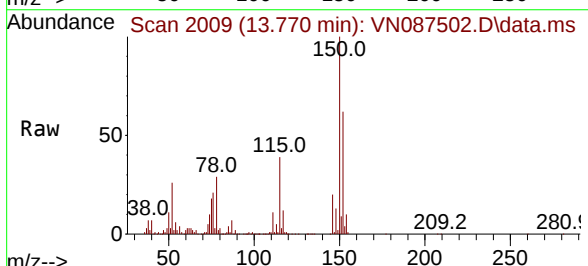
Tgt Ion:152 Resp: 291692

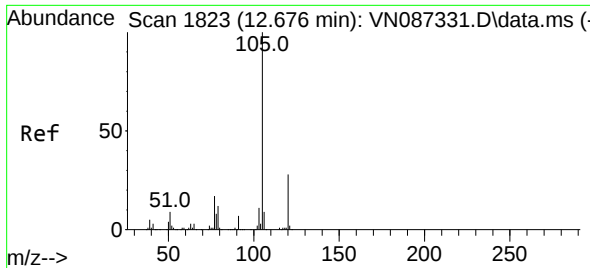
Ion Ratio Lower Upper

152 100

115 63.6 31.1 93.5

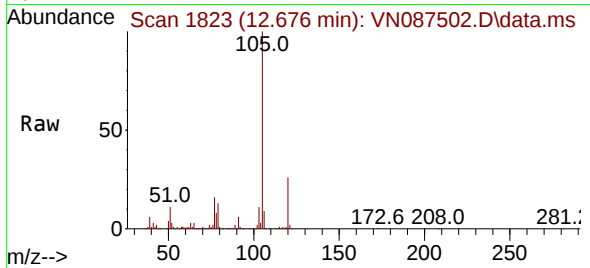
150 174.1 0.0 349.0





#73
Isopropylbenzene
Concen: 60.019 ug/l
RT: 12.676 min Scan# 1101854
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

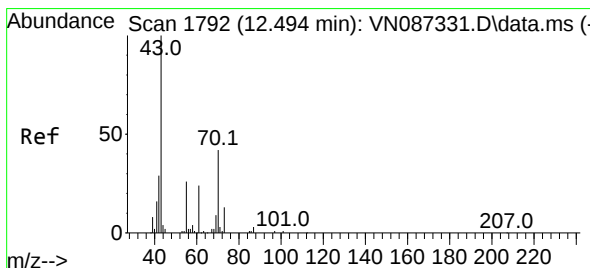
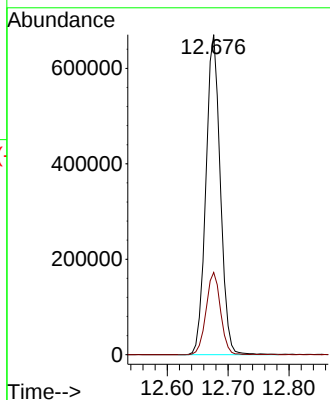
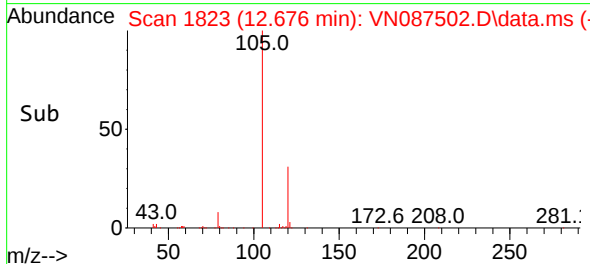
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



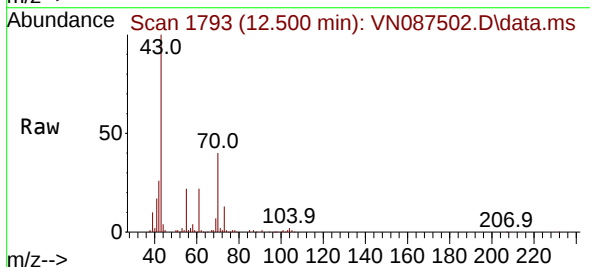
Tgt Ion:105 Resp: 1101854
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

Manual Integrations
APPROVED

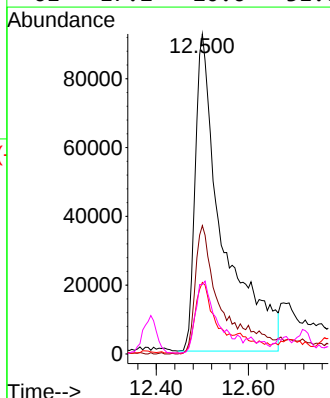
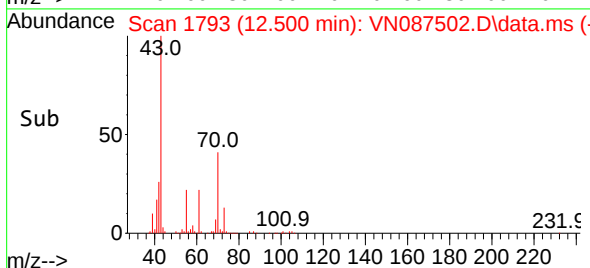
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

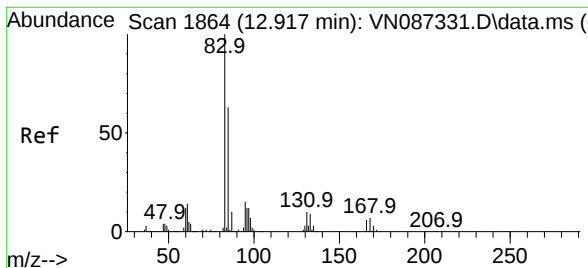


#74
N-ethyl acetate
Concen: 50.138 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24



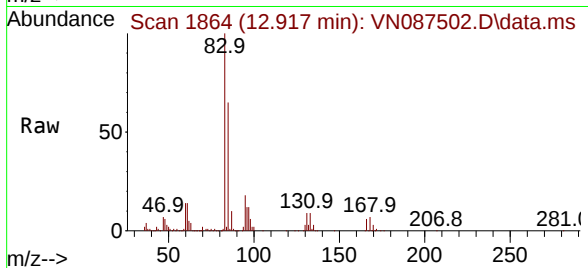
Tgt Ion: 43 Resp: 382429
Ion Ratio Lower Upper
43 100
70 38.8 37.6 56.4
55 16.8 19.6 29.4#
61 17.2 20.6 31.0#





#75
1,1,2,2-Tetrachloroethane
Concen: 53.735 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

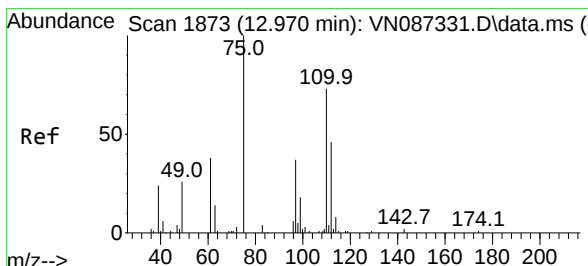
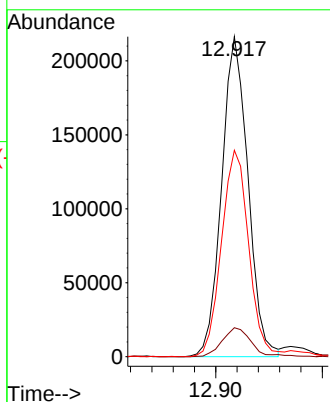
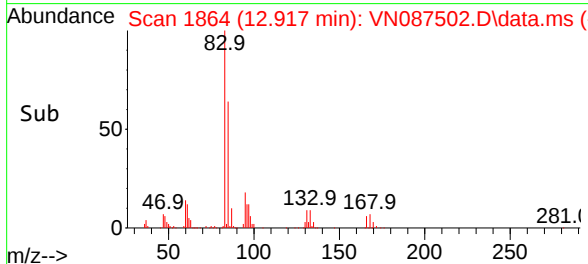
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



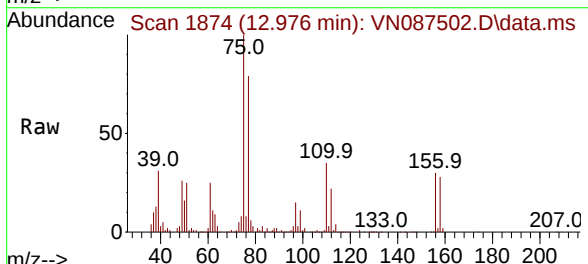
Tgt Ion: 83 Resp: 371197
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 66.7 32.5 97.4

Manual Integrations
APPROVED

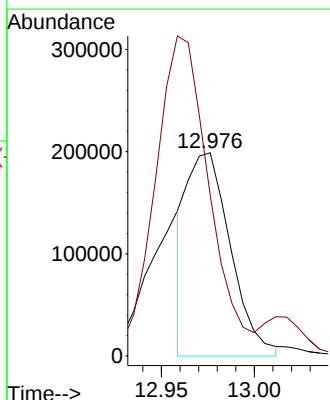
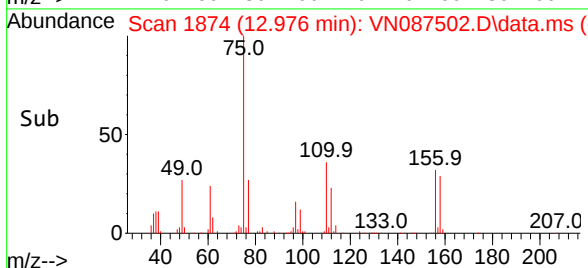
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

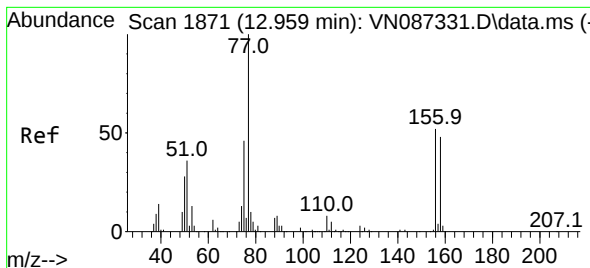


#76
1,2,3-Trichloropropane
Concen: 49.529 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24



Tgt Ion: 75 Resp: 323967
Ion Ratio Lower Upper
75 100
77 195.4 94.5 283.6





#77

Bromobenzene

Concen: 54.217 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

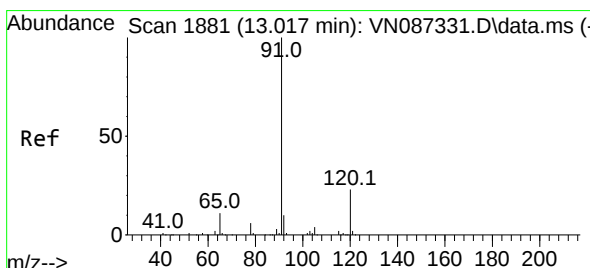
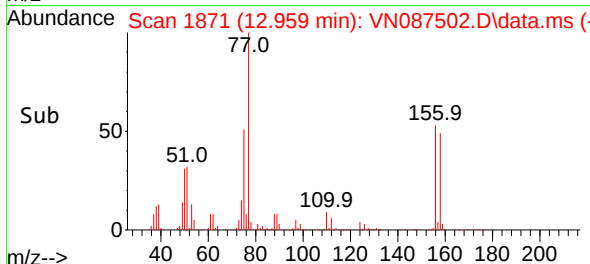
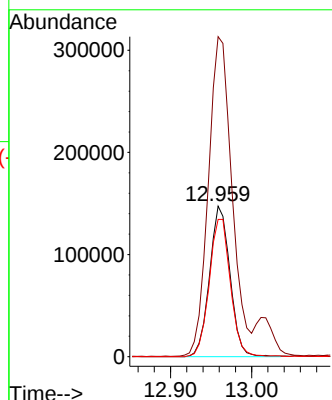
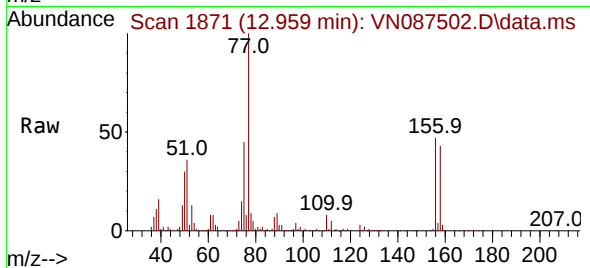
Tgt Ion:156 Resp: 258139
 Ion Ratio Lower Upper
 156 100
 77 245.3 114.9 344.6
 158 94.9 48.5 145.5

Manual Integrations

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Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#78

n-propylbenzene

Concen: 59.409 ug/l

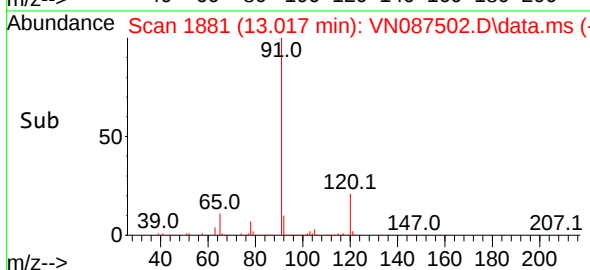
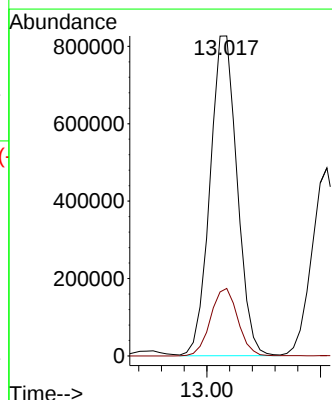
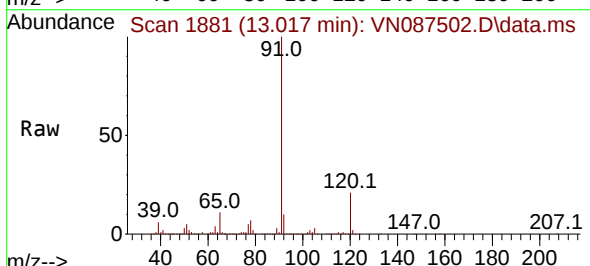
RT: 13.017 min Scan# 1881

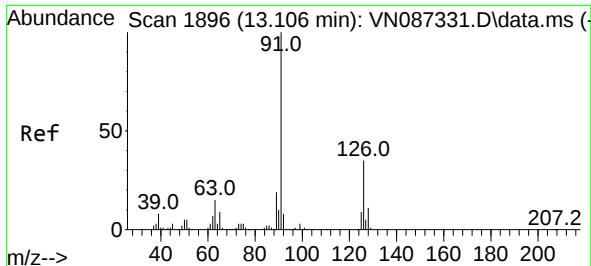
Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Tgt Ion: 91 Resp: 1372237
 Ion Ratio Lower Upper
 91 100
 120 21.2 11.3 33.8





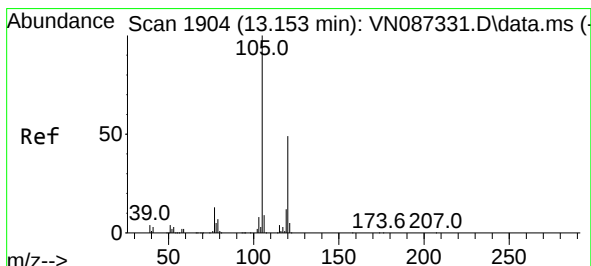
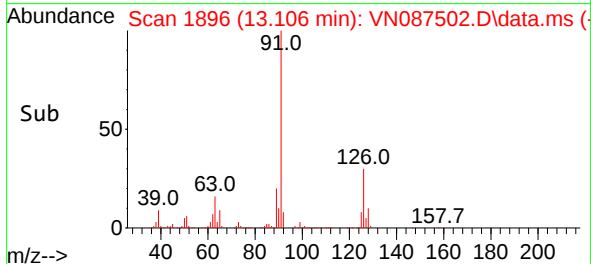
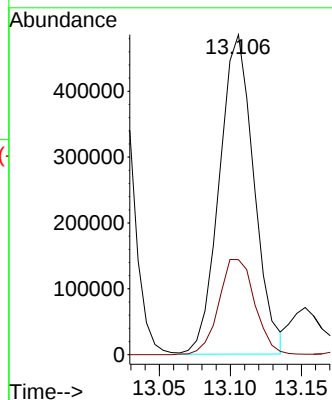
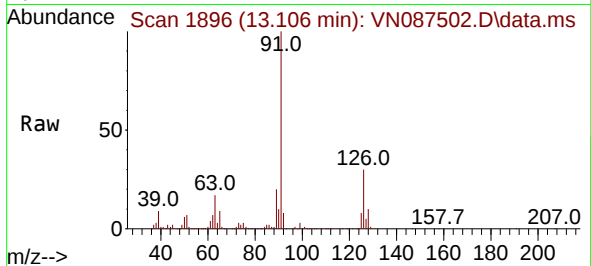
#79
2-Chlorotoluene
Concen: 57.976 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 822990
Ion Ratio Lower Upper
91 100
126 31.1 16.9 50.6

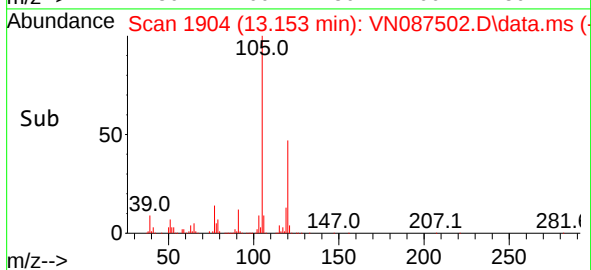
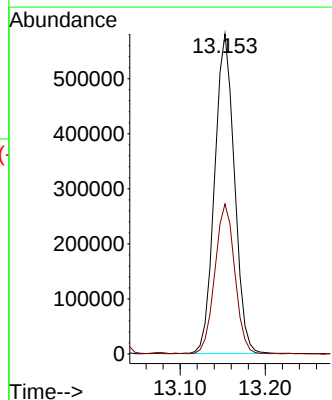
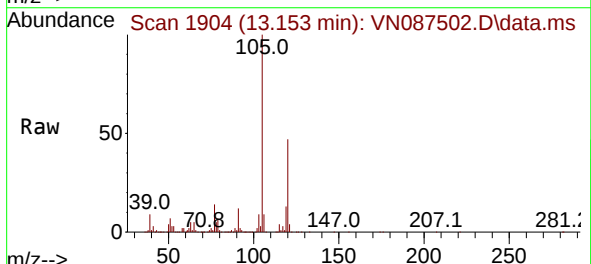
Manual Integrations
APPROVED

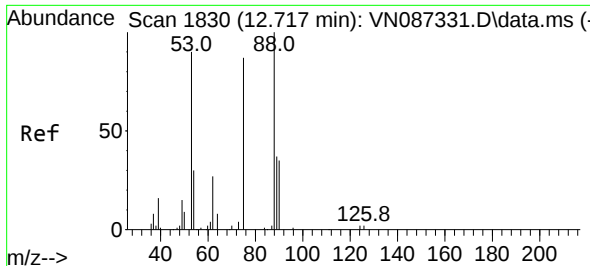
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 59.964 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

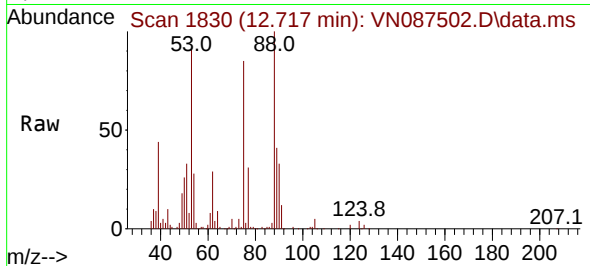
Tgt Ion:105 Resp: 937941
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 56.350 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

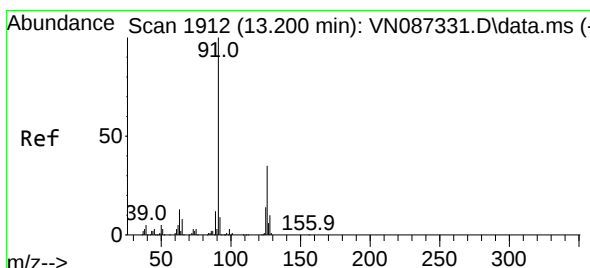
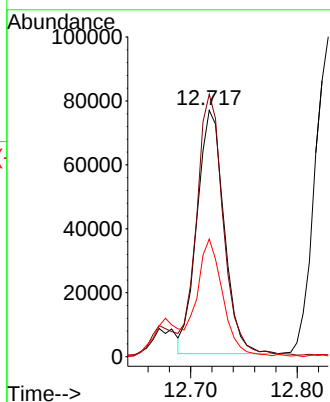
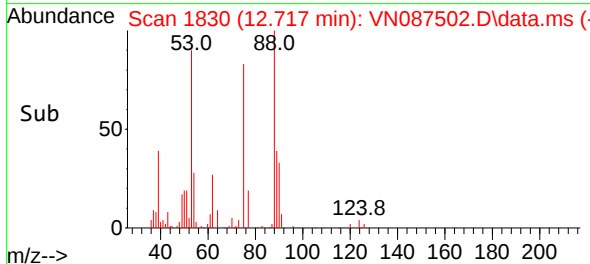
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



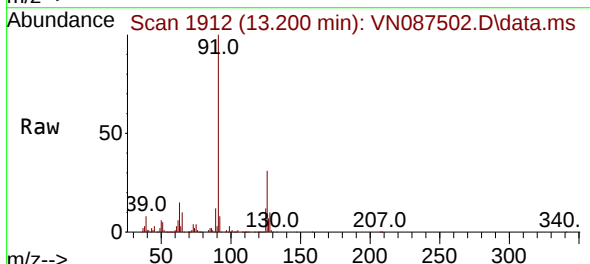
Tgt Ion: 75 Resp: 134709
Ion Ratio Lower Upper
75 100
53 106.3 83.5 125.3
89 45.2 38.4 57.6

Manual Integrations
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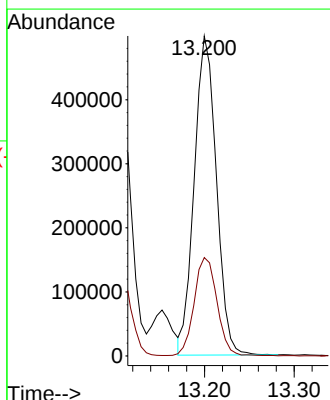
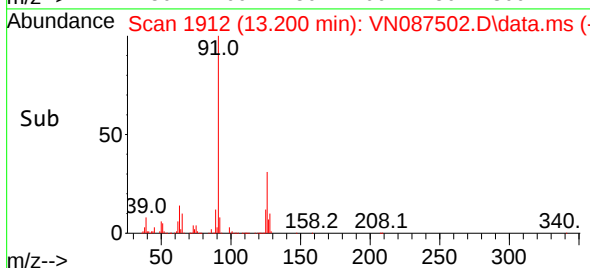
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

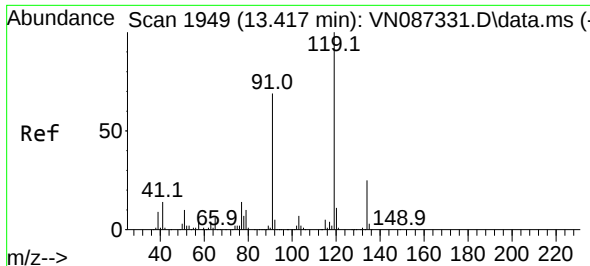


#82
4-Chlorotoluene
Concen: 57.610 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24



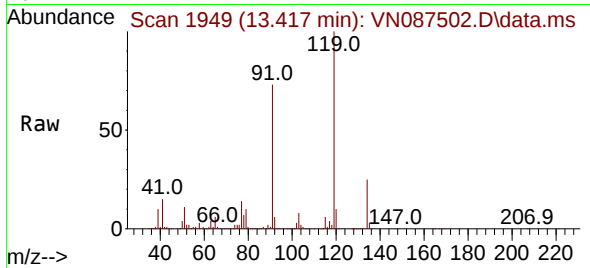
Tgt Ion: 91 Resp: 851446
Ion Ratio Lower Upper
91 100
126 31.9 16.6 49.7





#83
tert-Butylbenzene
Concen: 60.719 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

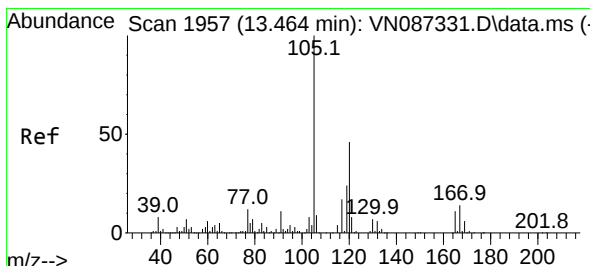
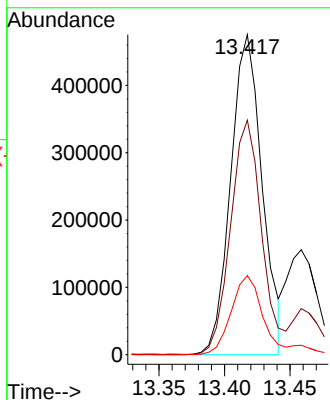
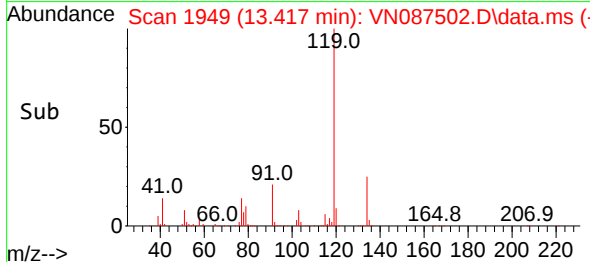
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



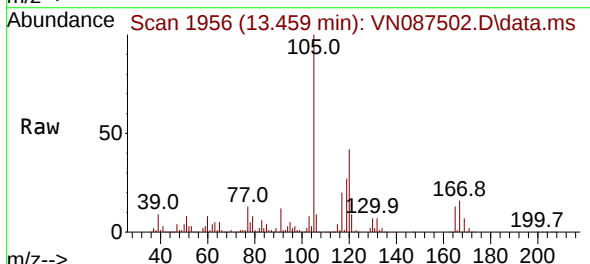
Tgt Ion:119 Resp: 793249
Ion Ratio Lower Upper
119 100
91 72.6 35.0 105.1
134 26.6 12.6 37.6

Manual Integrations
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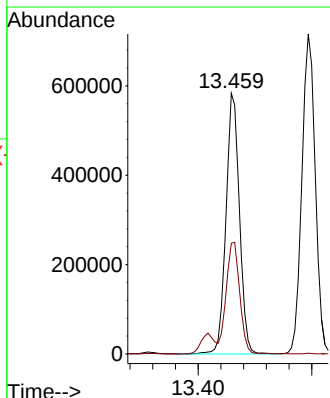
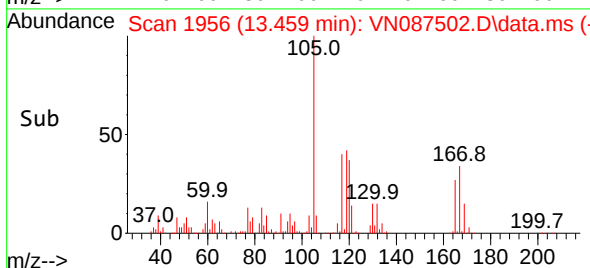
Reviewed By :John Carbone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

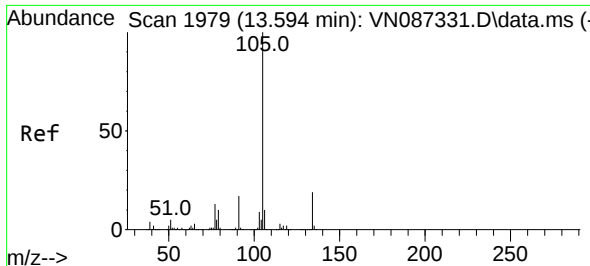


#84
1,2,4-Trimethylbenzene
Concen: 60.315 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24



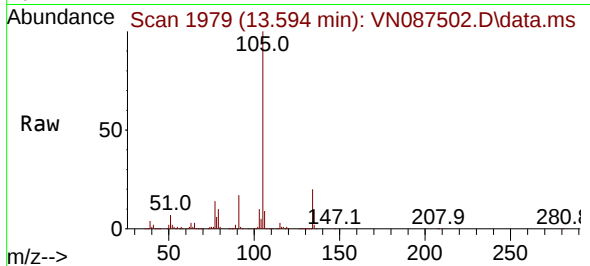
Tgt Ion:105 Resp: 963459
Ion Ratio Lower Upper
105 100
120 43.1 22.8 68.3





#85
 sec-Butylbenzene
 Concen: 59.490 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24

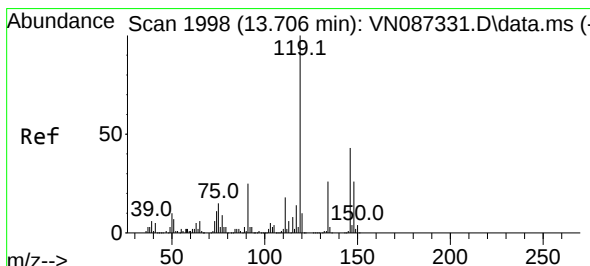
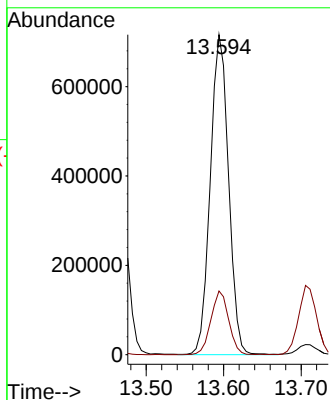
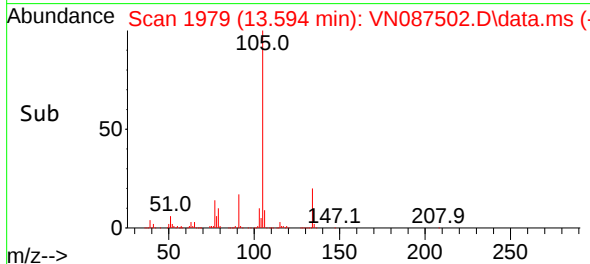
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 117065
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

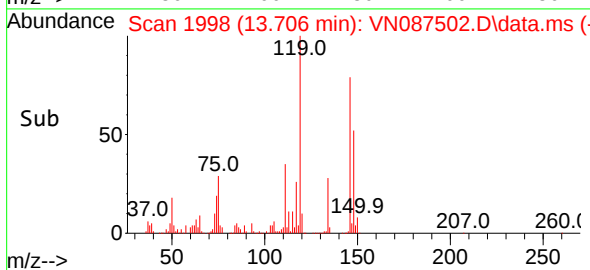
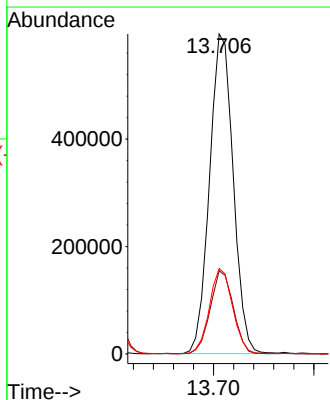
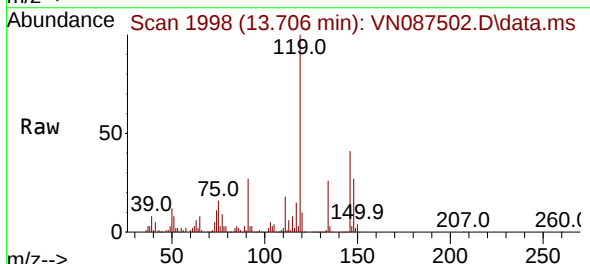
Manual Integrations
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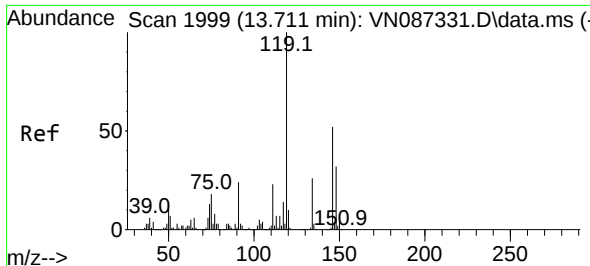
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025



#86
 p-Isopropyltoluene
 Concen: 61.853 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24

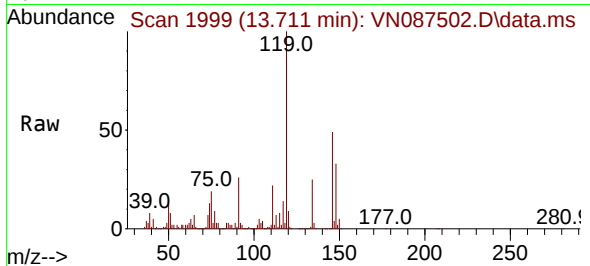
Tgt Ion:119 Resp: 975420
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.5 40.5
 91 26.3 12.2 36.6





#87
 1,3-Dichlorobenzene
 Concen: 53.246 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24

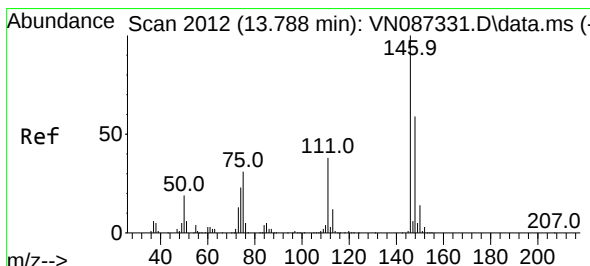
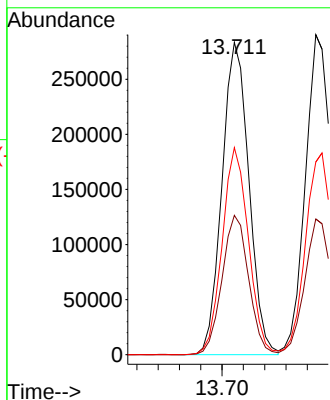
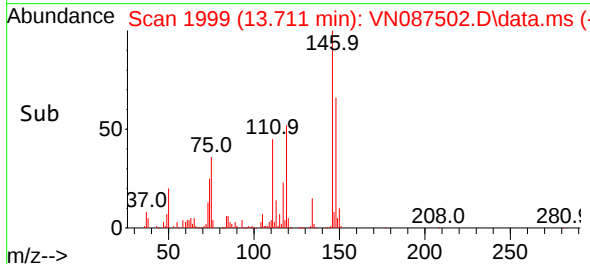
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



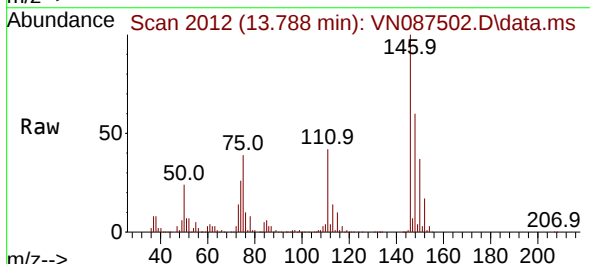
Tgt Ion:146 Resp: 497540
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.4 64.3
 148 64.8 31.6 95.0

Manual Integrations
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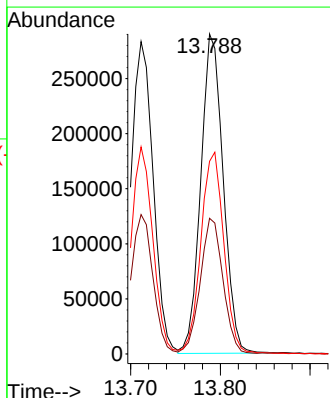
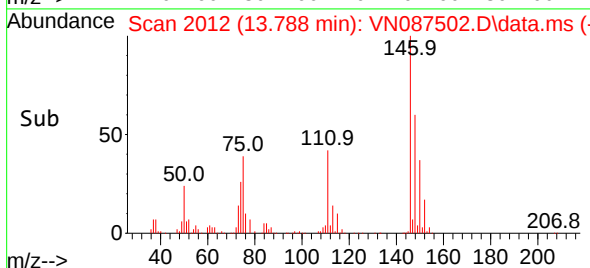
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025

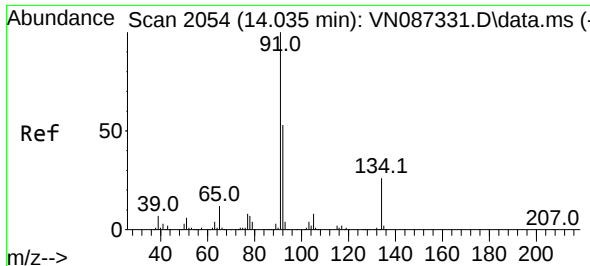


#88
 1,4-Dichlorobenzene
 Concen: 50.459 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24



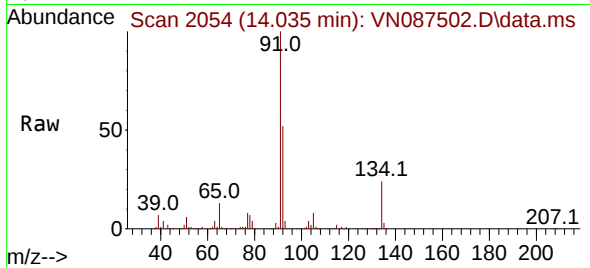
Tgt Ion:146 Resp: 503587
 Ion Ratio Lower Upper
 146 100
 111 42.8 19.6 58.7
 148 64.9 31.4 94.0





#89
n-Butylbenzene
Concen: 63.231 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

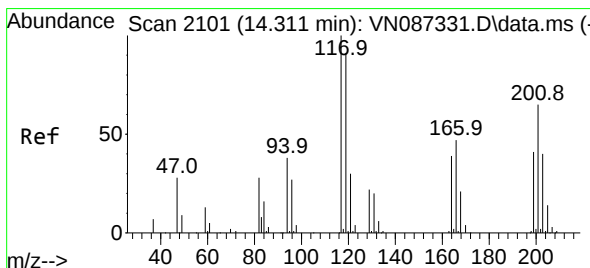
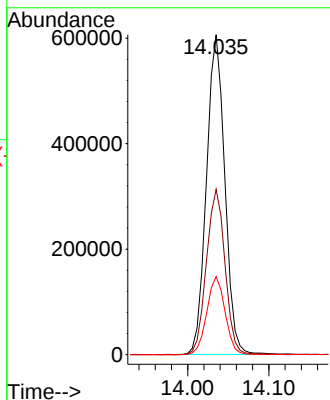
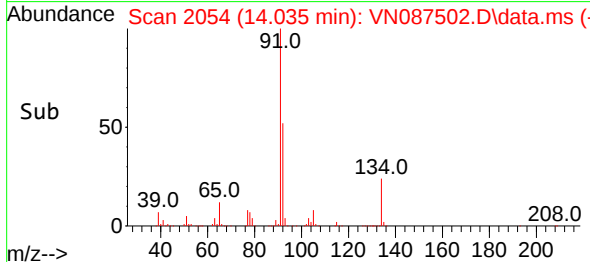
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 95215
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.6
134 24.4 12.4 37.2

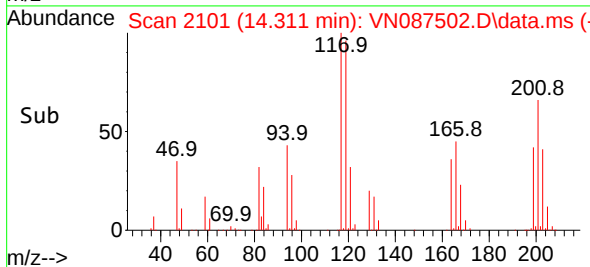
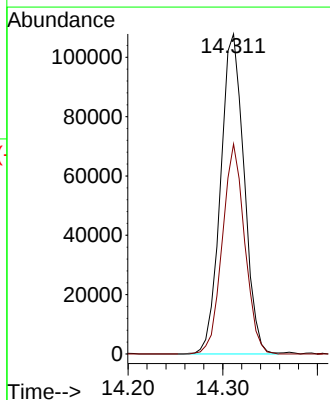
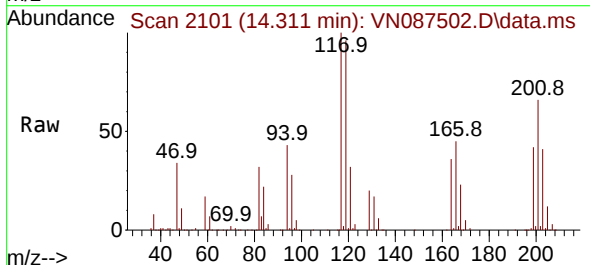
Manual Integrations
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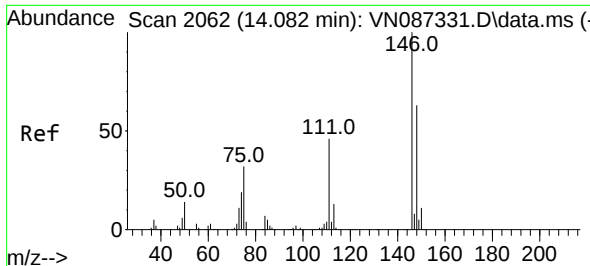
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#90
Hexachloroethane
Concen: 55.635 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

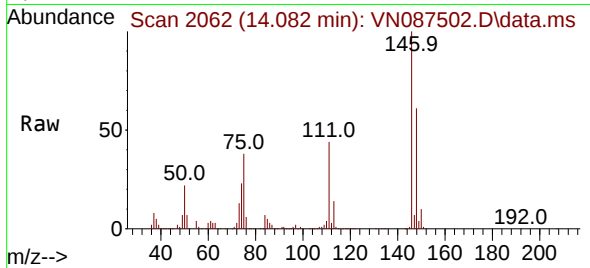
Tgt Ion:117 Resp: 185894
Ion Ratio Lower Upper
117 100
201 62.3 32.8 98.4





#91
1,2-Dichlorobenzene
Concen: 54.667 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

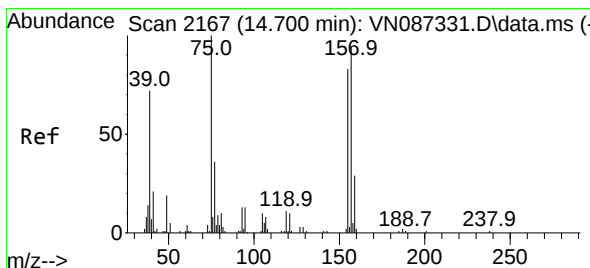
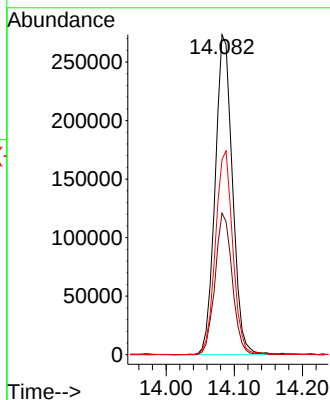
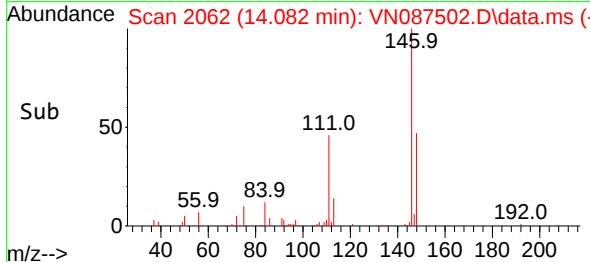
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



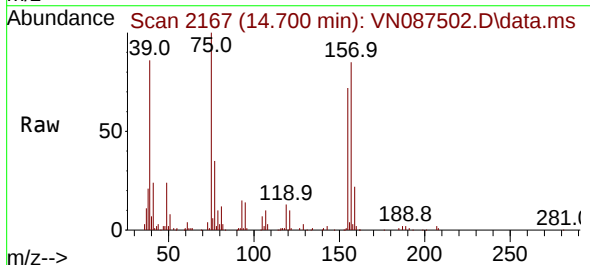
Tgt Ion:146 Resp: 483934
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 63.7 32.7 98.1

Manual Integrations
APPROVED

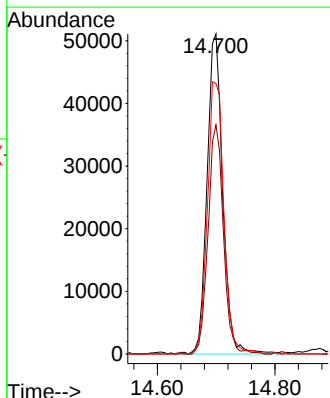
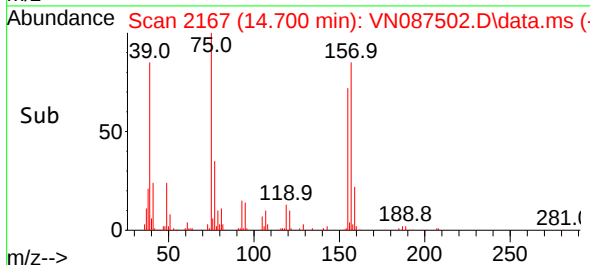
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

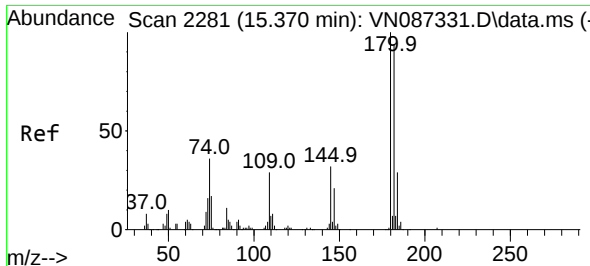


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.978 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24



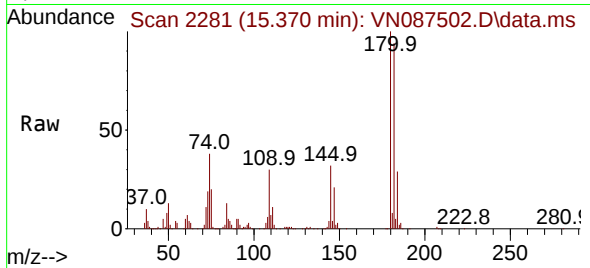
Tgt Ion: 75 Resp: 94271
Ion Ratio Lower Upper
75 100
155 70.2 37.3 111.8
157 89.2 46.2 138.6





#93
1,2,4-Trichlorobenzene
Concen: 56.077 ug/l
RT: 15.370 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

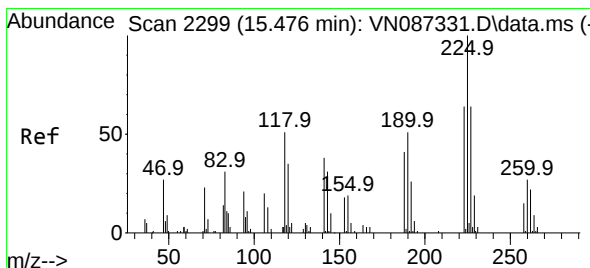
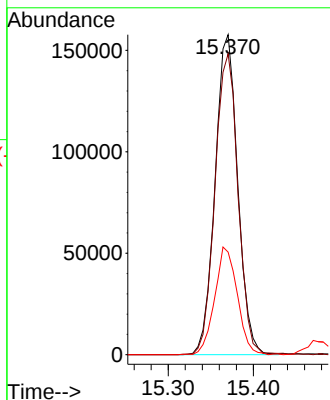
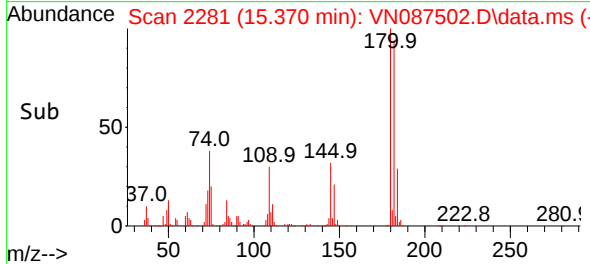
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



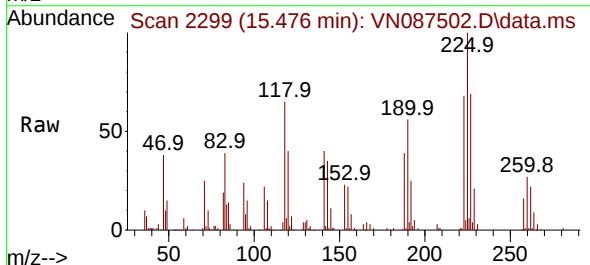
Tgt Ion:180 Resp: 29160
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.8
145 33.5 15.4 46.4

Manual Integrations
APPROVED

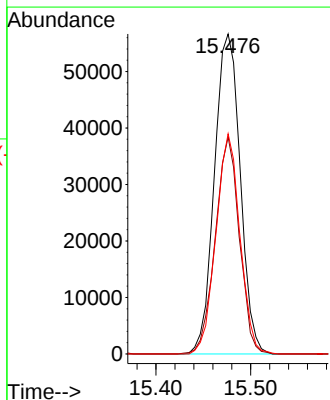
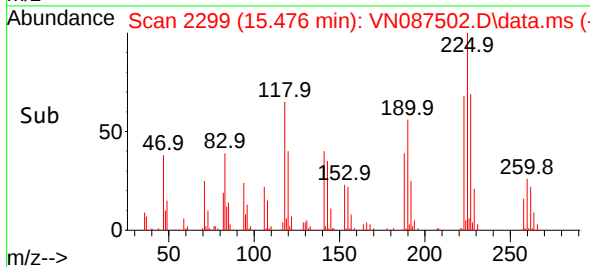
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

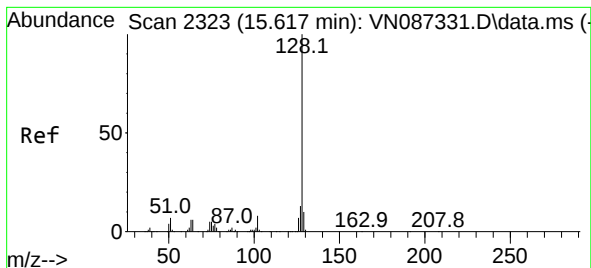


#94
Hexachlorobutadiene
Concen: 55.415 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24



Tgt Ion:225 Resp: 107072
Ion Ratio Lower Upper
225 100
223 63.3 32.1 96.3
227 64.0 31.3 93.9





#95

Naphthalene

Concen: 58.344 ug/l

RT: 15.617 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 107479

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

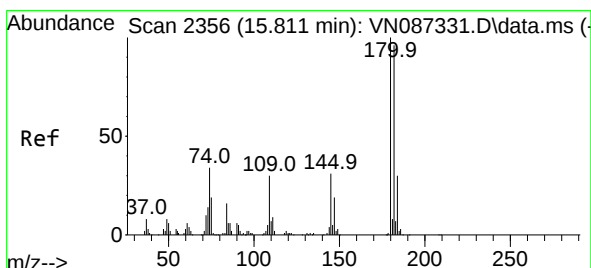
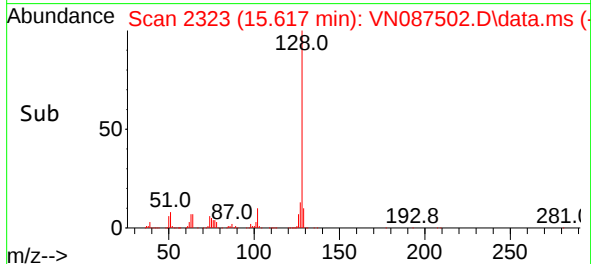
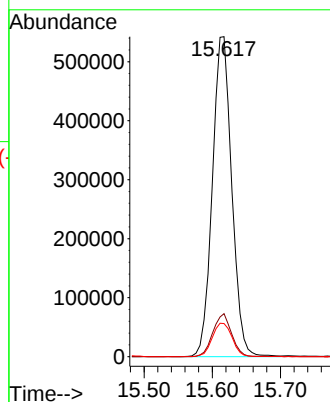
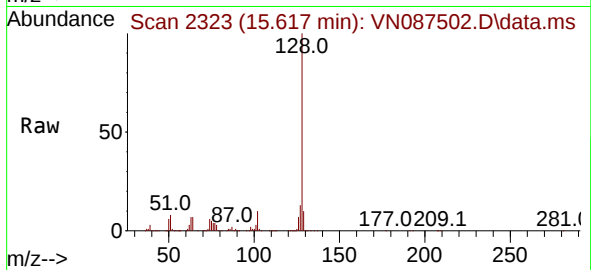
129 10.8 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#96

1,2,3-Trichlorobenzene

Concen: 55.049 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Tgt Ion:180 Resp: 287140

Ion Ratio Lower Upper

180 100

182 92.7 47.1 141.4

145 35.5 16.9 50.6

