

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081825\
 Data File : VN087595.D
 Acq On : 18 Aug 2025 09:29
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/20/2025

Quant Time: Aug 18 09:46:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	60212	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	341524	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	305141	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	164887	29.690	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.967%		
60) 4-Bromofluorobenzene	12.829	95	154527	29.427	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.100%		
63) Toluene-d8	10.547	98	416103	29.636	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.148	85	67604	17.197	ug/l	97
3) Chloromethane	2.383	50	67258	16.675	ug/l	95
4) Vinyl Chloride	2.542	62	73731	17.235	ug/l	95
5) Bromomethane	2.977	94	32819	14.173	ug/l #	79
6) Chloroethane	3.136	64	50972	18.478	ug/l	96
7) Trichlorofluoromethane	3.506	101	108809	17.673	ug/l	99
8) Diethyl Ether	3.965	74	46794	18.244	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	59730	19.025	ug/l	86
10) 1,1-Dichloroethene	4.336	96	62970	19.095	ug/l	86
11) Methyl Iodide	4.583	142	39705	15.291	ug/l	97
12) Methyl Acetate	5.018	43	104810	17.223	ug/l	92
13) Acrolein	4.177	56	42993	46.255	ug/l	96
14) Acrylonitrile	5.712	53	215204	80.984	ug/l	100
15) Acetone	4.424	58	77708	102.345	ug/l	97
16) Carbon Disulfide	4.700	76	176742	17.278	ug/l	98
17) Allyl chloride	5.012	41	91304	13.584	ug/l	96
18) Methylene Chloride	5.259	84	72012	16.962	ug/l	90
19) trans-1,2-Dichloroethene	5.771	96	66006m	16.831	ug/l	
20) Diisopropyl ether	6.659	45	226596	14.798	ug/l	97
21) 1,1-Dichloroethane	6.553	63	130652	16.507	ug/l	96
22) cis-1,2-Dichloroethene	7.471	96	81042	16.795	ug/l	98
23) tert-Butyl Alcohol	5.530	59	102017	90.345	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	246861	16.428	ug/l	97
25) Chloroform	7.947	83	139237	16.853	ug/l	94
26) Cyclohexane	8.241	56	100985	15.935	ug/l #	94
29) 1,1-Dichloropropene	8.359	75	91959	16.509	ug/l	96
30) 2-Butanone	7.471	43	331640	80.771	ug/l	99
31) 2,2-Dichloropropane	7.471	77	119952	16.696	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	117333	16.516	ug/l	97
33) Carbon Tetrachloride	8.347	117	97130	16.457	ug/l	93
34) Benzene	8.588	78	281341	16.000	ug/l	100
35) Methacrylonitrile	7.765	41	70430	15.895	ug/l	94
36) 1,2-Dichloroethane	8.653	62	110969	15.614	ug/l	99
37) Trichloroethene	9.335	130	66048	17.052	ug/l	91
38) Methylcyclohexane	9.582	83	102433	15.851	ug/l	95
39) 1,2-Dichloropropane	9.600	63	74485	16.522	ug/l	98
40) Dibromomethane	9.694	93	56024	16.563	ug/l	97
41) Bromodichloromethane	9.871	83	112251	15.970	ug/l	96
42) Vinyl Acetate	6.588	43	1043547	77.176	ug/l	98

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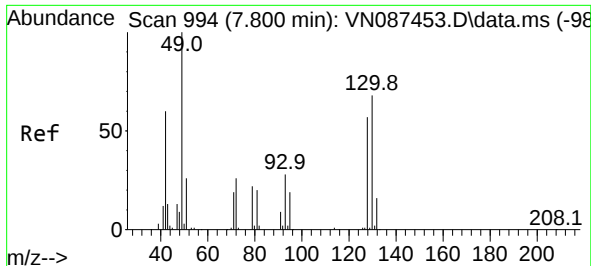
Manual Integrations
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Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/20/2025

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	121736	15.347	ug/l	99
44) Isopropyl Acetate	8.671	43	208624	15.516	ug/l	99
45) 1,4-Dioxane	9.682	88	28605	333.713	ug/l	93
46) Methyl methacrylate	9.665	41	91902	14.480	ug/l	90
47) n-amyl Acetate	12.582	43	104026m	14.005	ug/l	
48) t-1,3-Dichloropropene	10.818	75	118184	15.455	ug/l	94
49) cis-1,3-Dichloropropene	10.294	75	119757	15.562	ug/l	94
50) 1,1,2-Trichloroethane	10.994	97	71049	16.625	ug/l	96
51) Ethyl methacrylate	10.859	69	114871	15.262	ug/l	90
52) 1,3-Dichloropropane	11.141	76	126330	16.407	ug/l	99
53) Dibromochloromethane	11.341	129	80934	16.398	ug/l	97
54) 1,2-Dibromoethane	11.447	107	71856	15.838	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	315391	79.598	ug/l	99
56) Bromoform	12.559	173	49680	15.218	ug/l #	98
58) 4-Methyl-2-Pentanone	10.423	43	626128	79.765	ug/l	98
59) 2-Hexanone	11.182	43	410004	76.874	ug/l	98
61) Tetrachloroethene	11.082	164	53978	18.157	ug/l	94
62) Toluene	10.612	91	313316	16.636	ug/l	99
64) Chlorobenzene	11.870	112	189671	16.390	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.941	131	63335	15.566	ug/l	97
66) Ethyl Benzene	11.941	91	341563	16.272	ug/l	100
67) m/p-Xylenes	12.053	106	254495	33.029	ug/l	93
68) o-Xylene	12.376	106	123451	16.286	ug/l	98
69) Styrene	12.394	104	207684	16.046	ug/l	98
70) Isopropylbenzene	12.676	105	318953	16.562	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.917	83	107388	16.274	ug/l	97
72) 1,2,3-Trichloropropane	12.976	75	136278	22.169	ug/l	56
73) Bromobenzene	12.959	156	74825	16.760	ug/l	91
74) n-propylbenzene	13.012	91	388929	16.171	ug/l	98
75) 2-Chlorotoluene	13.106	91	237825	16.075	ug/l	98
76) 1,3,5-Trimethylbenzene	13.153	105	261835	15.879	ug/l	95
77) t-1,4-Dichloro-2-butene	12.723	75	26146	11.236	ug/l	86
78) 4-Chlorotoluene	13.200	91	237691	15.854	ug/l	98
79) tert-butylbenzene	13.417	119	223192	16.054	ug/l	99
80) 1,2,4-Trimethylbenzene	13.464	105	263816	16.011	ug/l	100
81) sec-Butylbenzene	13.594	105	324533	16.035	ug/l	99
82) p-Isopropyltoluene	13.706	119	269511	16.038	ug/l	99
83) 1,3-Dichlorobenzene	13.717	146	142959	16.816	ug/l	99
84) 1,4-Dichlorobenzene	13.794	146	144207	16.731	ug/l	98
85) n-Butylbenzene	14.035	91	261687	15.916	ug/l	99
86) Hexachloroethane	14.311	117	50403	15.359	ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	136887	16.868	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.700	75	26484	15.843	ug/l	93
89) 1,2,4-Trichlorobenzene	15.811	180	79949	16.485	ug/l	98
90) Hexachlorobutadiene	15.476	225	28836	15.291	ug/l	95
91) Naphthalene	15.611	128	298615	16.148	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	79949	16.485	ug/l	98

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



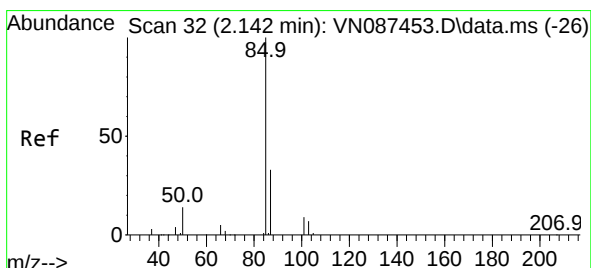
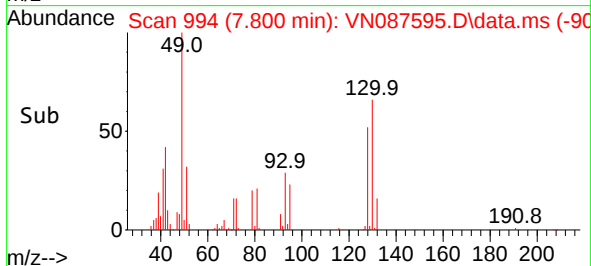
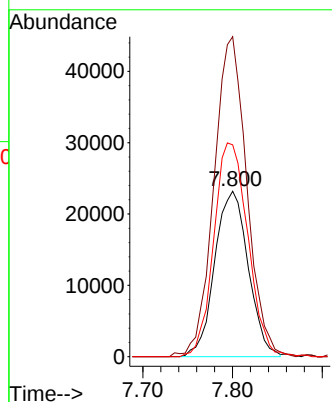
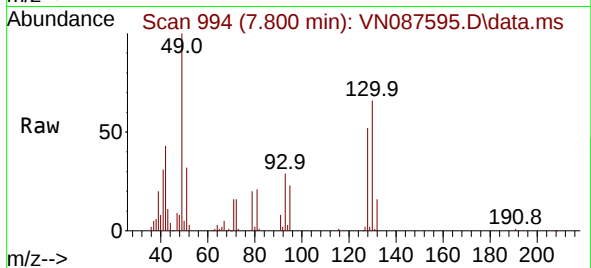
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 60212
Ion Ratio Lower Upper
128 100
49 189.2 0.0 494.8
130 131.3 0.0 321.5

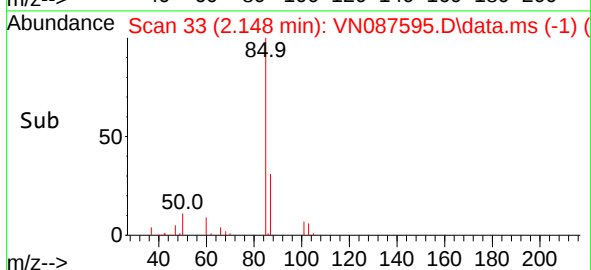
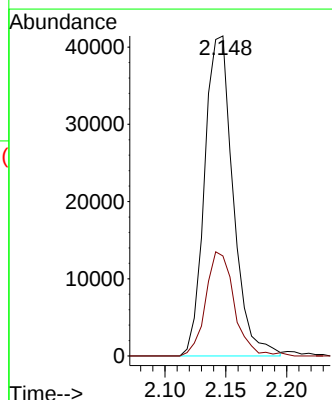
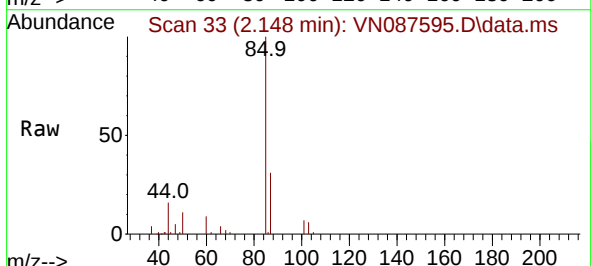
Manual Integrations
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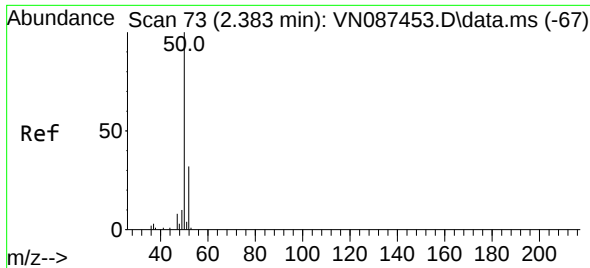
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#2
Dichlorodifluoromethane
Concen: 17.197 ug/l
RT: 2.148 min Scan# 33
Delta R.T. 0.006 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

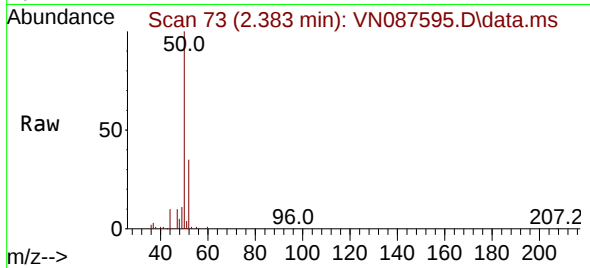
Tgt Ion: 85 Resp: 67604
Ion Ratio Lower Upper
85 100
87 31.3 16.4 49.2





#3
Chloromethane
Concen: 16.675 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

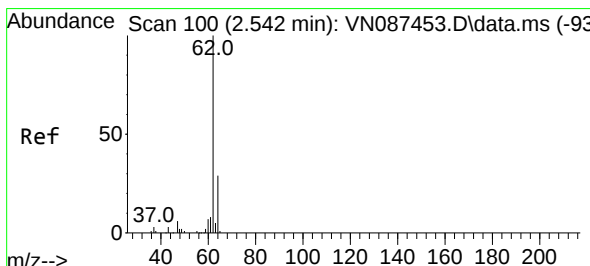
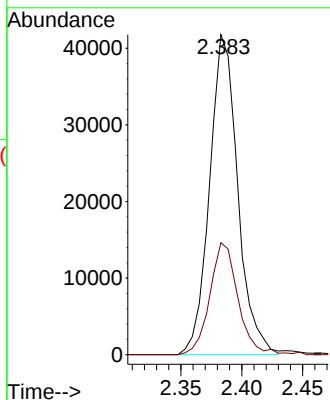
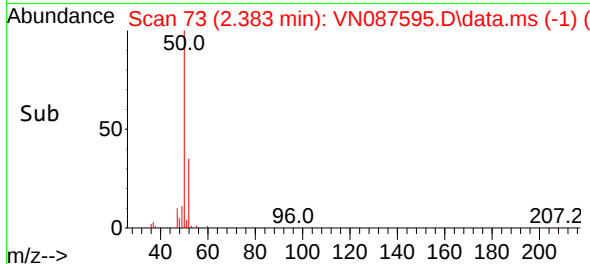
Instrument :
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ClientSampleId :
VSTDCCC020



Tgt Ion: 50 Resp: 67258
Ion Ratio Lower Upper
50 100
52 35.0 25.8 38.6

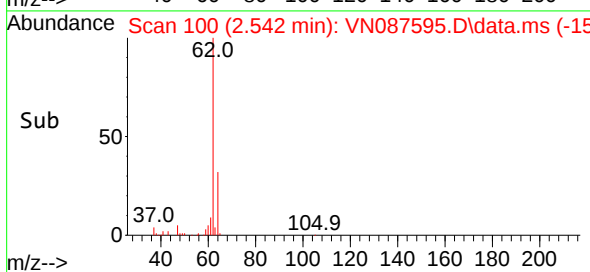
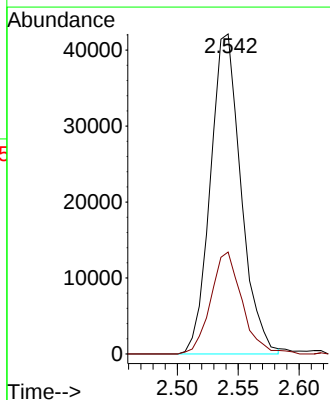
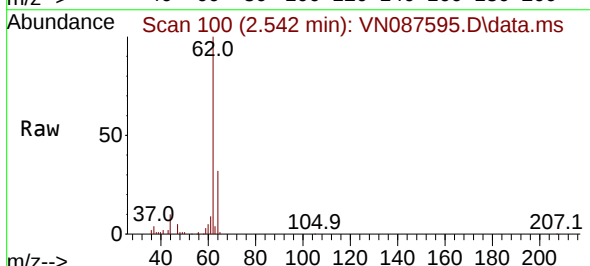
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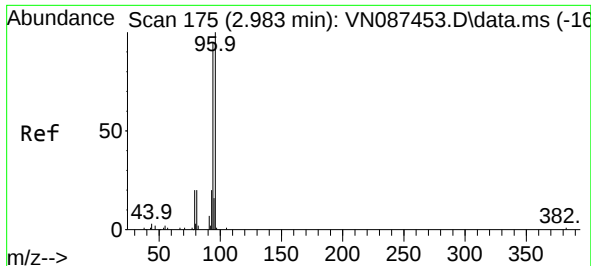
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#4
Vinyl Chloride
Concen: 17.235 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

Tgt Ion: 62 Resp: 73731
Ion Ratio Lower Upper
62 100
64 31.8 23.4 35.2





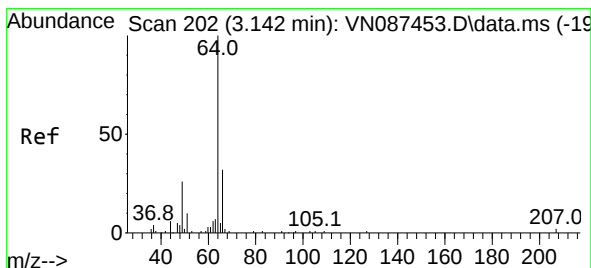
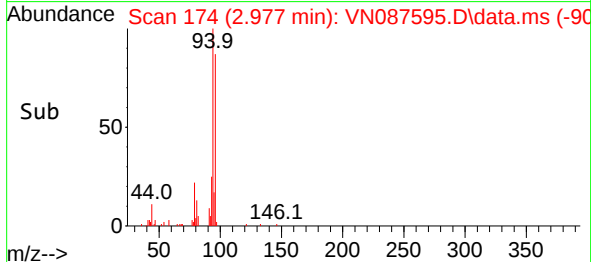
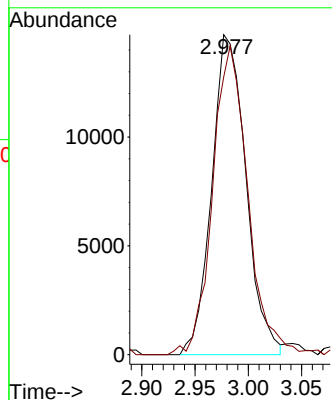
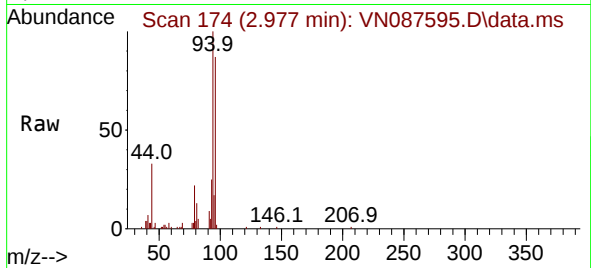
#5
Bromomethane
Concen: 14.173 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

Instrument :
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Tgt Ion: 94 Resp: 32819
Ion Ratio Lower Upper
94 100
96 84.0 84.2 126.4

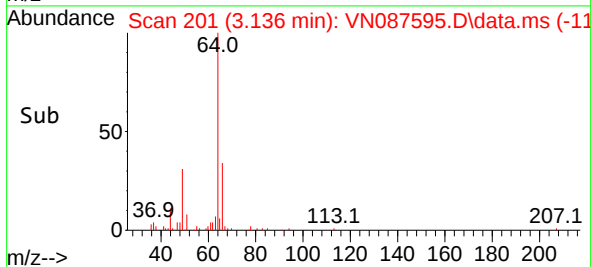
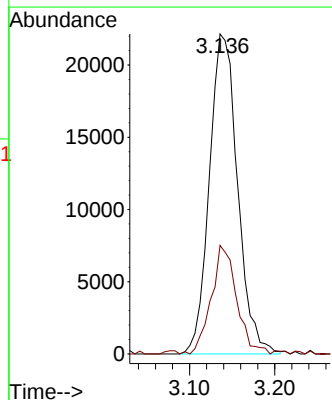
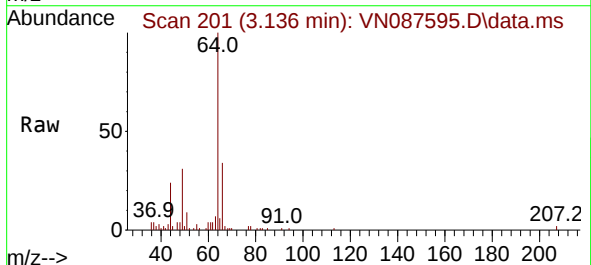
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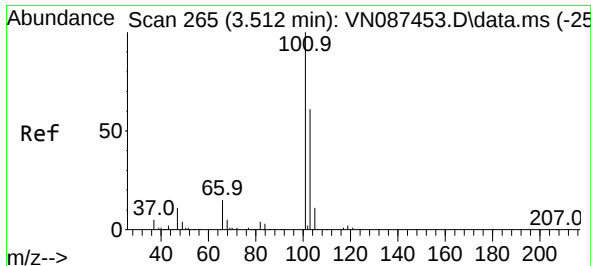
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#6
Chloroethane
Concen: 18.478 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

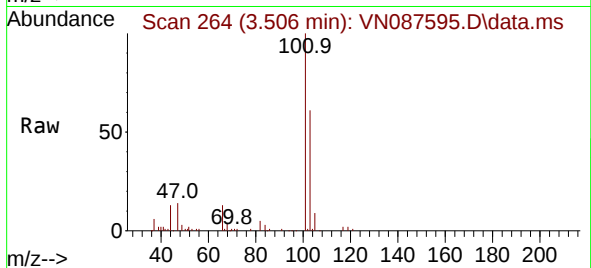
Tgt Ion: 64 Resp: 50972
Ion Ratio Lower Upper
64 100
66 33.9 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 17.673 ug/l
 RT: 3.506 min Scan# 265
 Delta R.T. -0.006 min
 Lab File: VN087595.D
 Acq: 18 Aug 2025 09:29

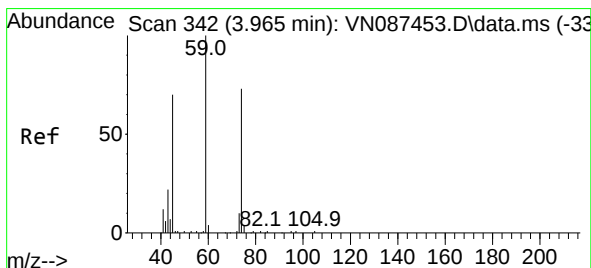
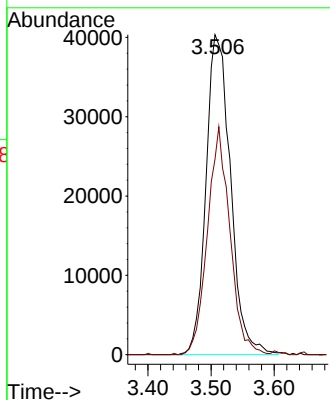
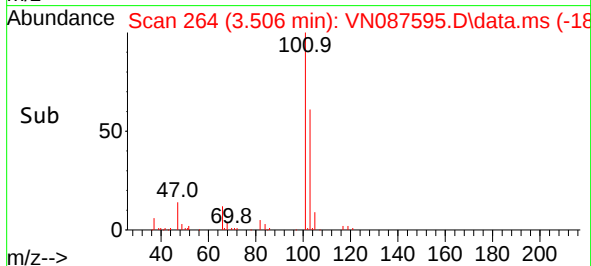
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Tgt Ion:101 Resp: 108809
 Ion Ratio Lower Upper
 101 100
 103 61.1 49.2 73.8

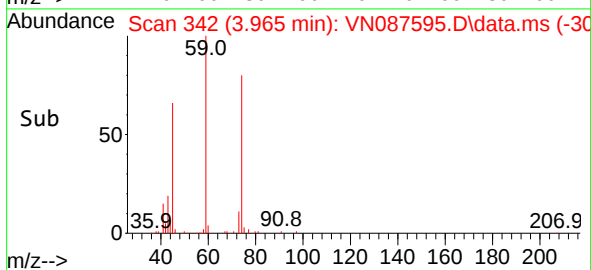
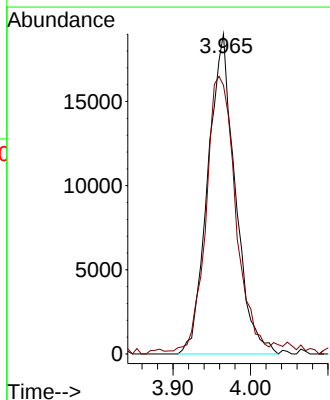
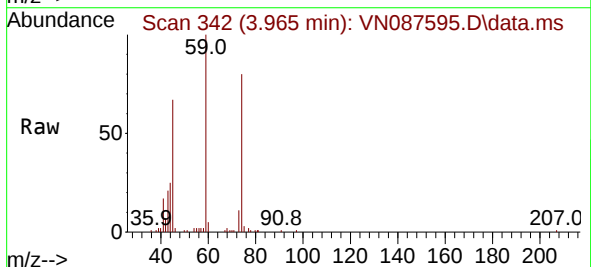
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#8
 Diethyl Ether
 Concen: 18.244 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN087595.D
 Acq: 18 Aug 2025 09:29

Tgt Ion: 74 Resp: 46794
 Ion Ratio Lower Upper
 74 100
 45 91.6 20.1 180.9





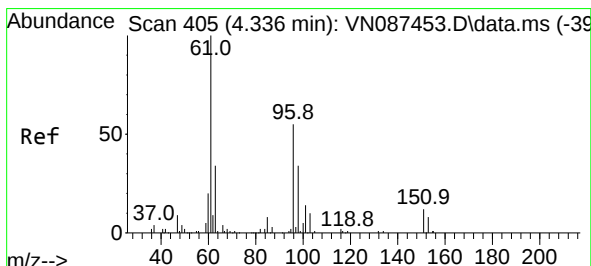
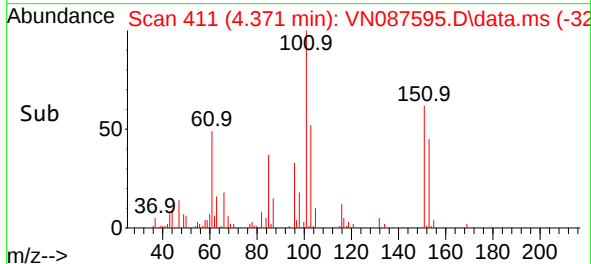
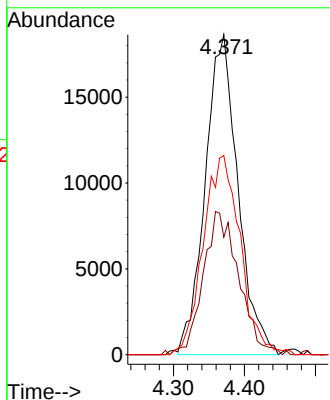
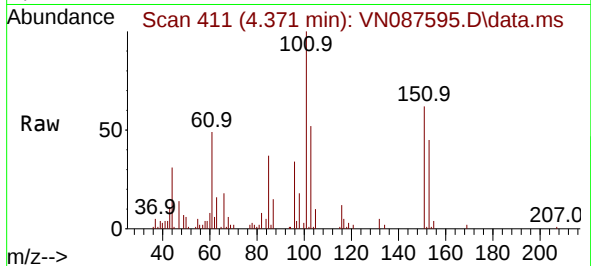
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 1,1,2-Trichlorotrifluoroethane
 Concen: 19.025 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VN087595.D
 Acq: 18 Aug 2025 09:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:101 Resp: 59730
 Ion Ratio Lower Upper
 101 100
 85 47.9 0.0 57.0
 151 70.1 0.0 134.2

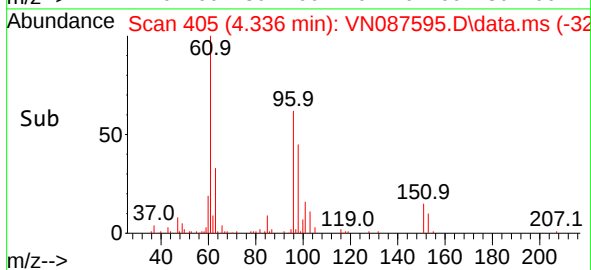
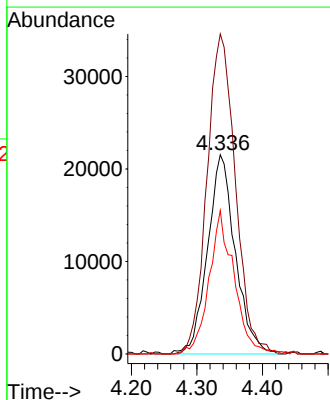
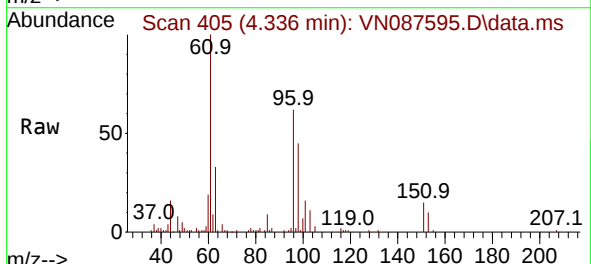
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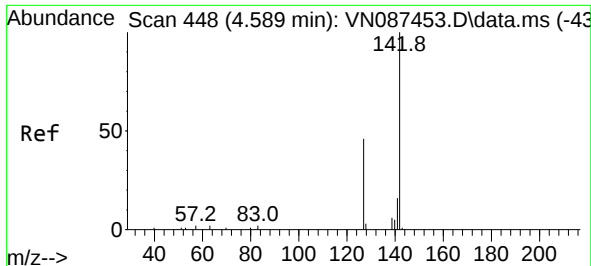
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/20/2025



#10
 1,1-Dichloroethene
 Concen: 19.095 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VN087595.D
 Acq: 18 Aug 2025 09:29

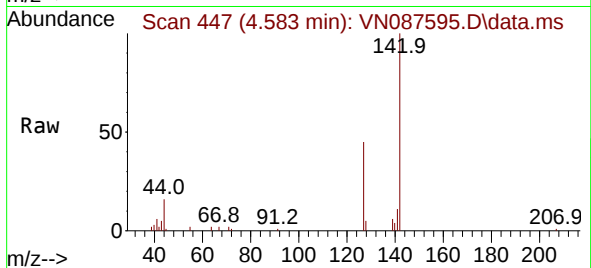
Tgt Ion: 96 Resp: 62970
 Ion Ratio Lower Upper
 96 100
 61 160.0 144.2 216.4
 98 72.0 49.7 74.5





#11
Methyl Iodide
Concen: 15.291 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

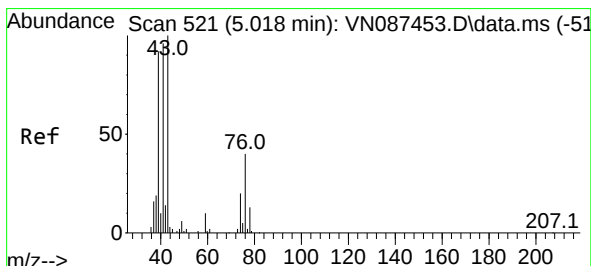
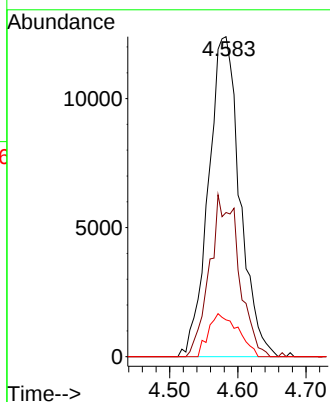
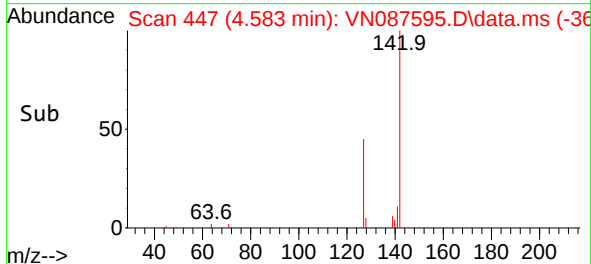
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 3970
Ion Ratio Lower Upper
142 100
127 45.0 22.9 68.7
141 11.5 7.7 23.1

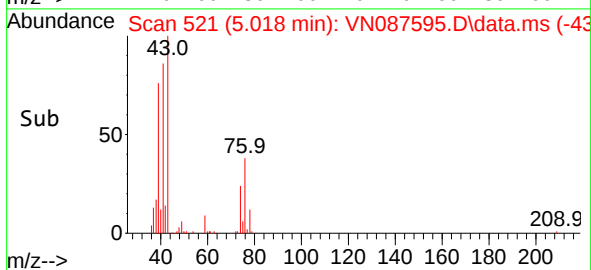
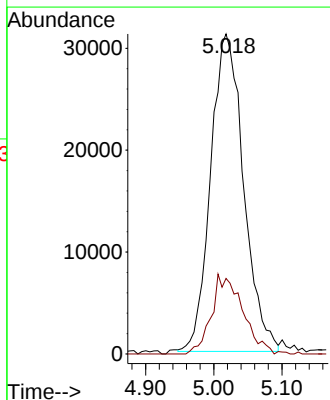
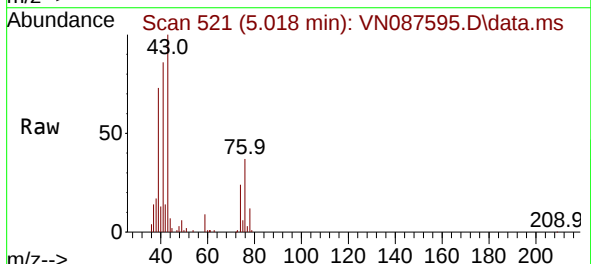
Manual Integrations
APPROVED

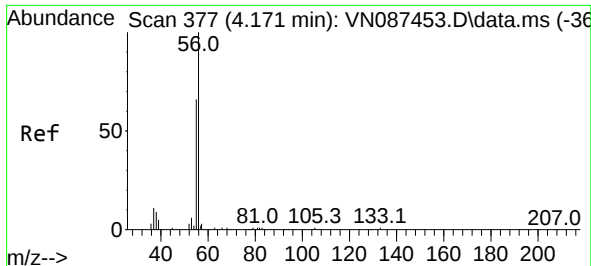
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#12
Methyl Acetate
Concen: 17.223 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

Tgt Ion: 43 Resp: 104810
Ion Ratio Lower Upper
43 100
74 23.7 16.0 24.0





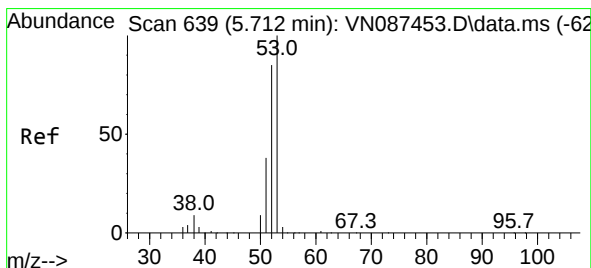
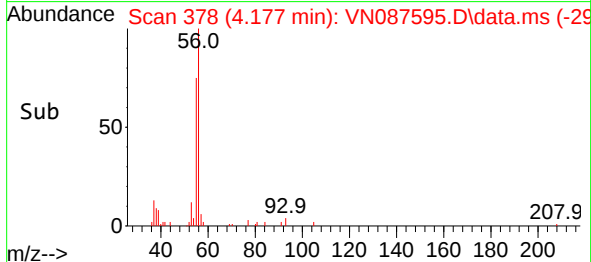
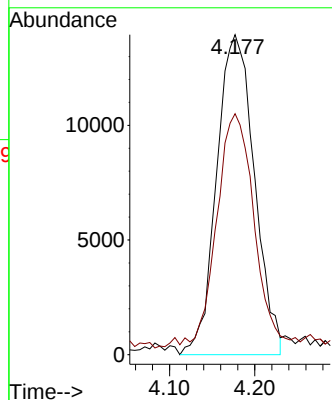
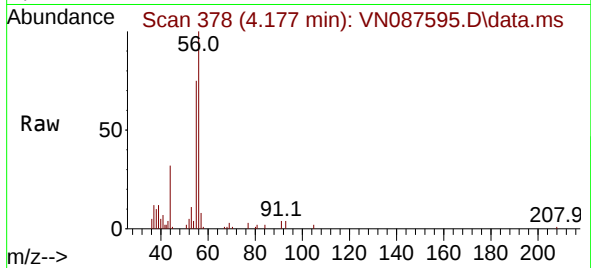
#13
Acrolein
Concen: 46.255 ug/l
RT: 4.177 min Scan# 377
Delta R.T. 0.006 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 56 Resp: 42993
Ion Ratio Lower Upper
56 100
55 74.9 57.4 86.0

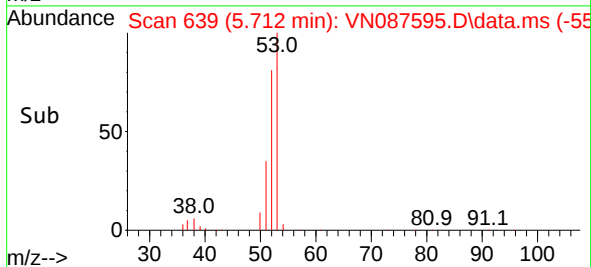
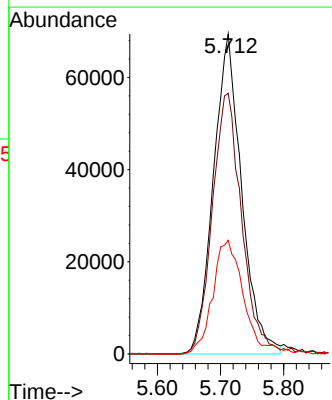
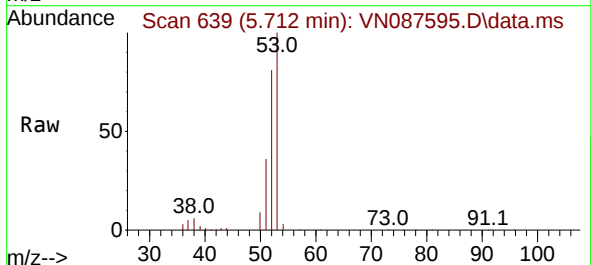
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#14
Acrylonitrile
Concen: 80.984 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

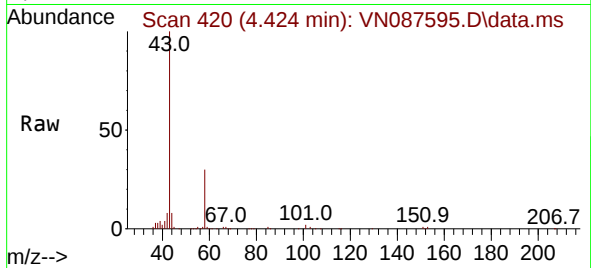
Tgt Ion: 53 Resp: 215204
Ion Ratio Lower Upper
53 100
52 84.7 42.4 127.2
51 37.1 18.5 55.5





#15
Acetone
Concen: 102.345 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

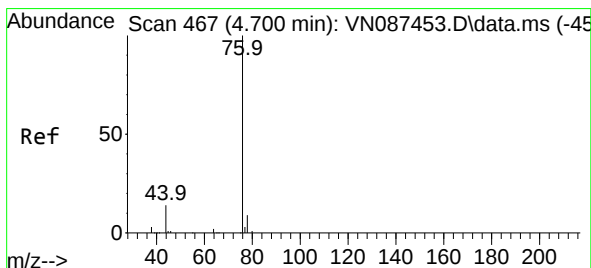
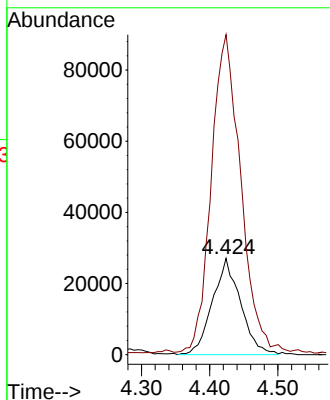
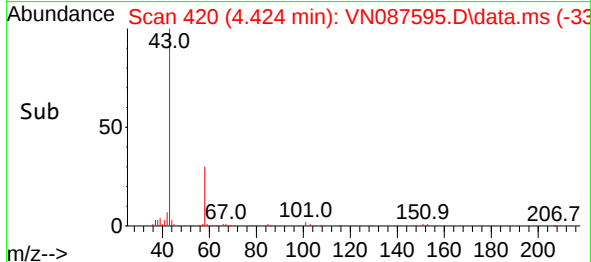
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 77708
Ion Ratio Lower Upper
58 100
43 329.5 268.9 403.3

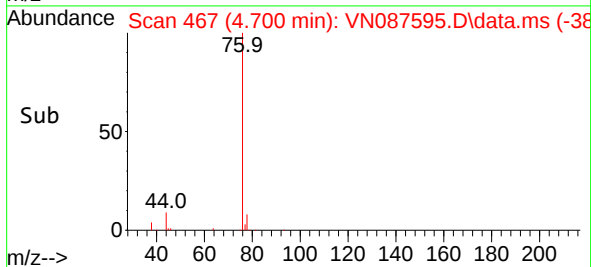
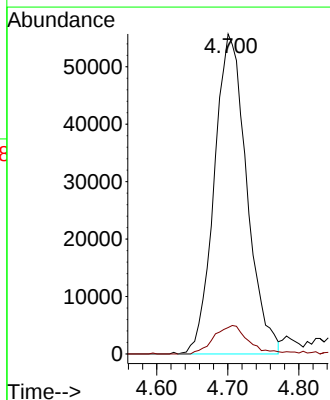
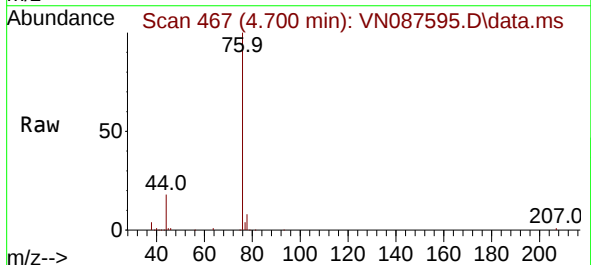
Manual Integrations
APPROVED

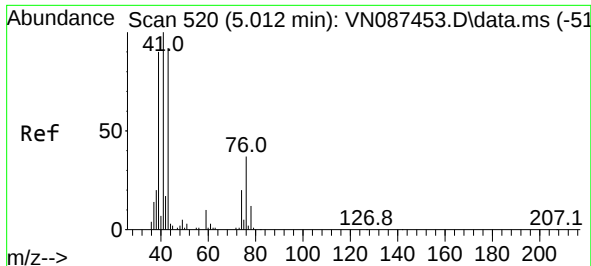
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#16
Carbon Disulfide
Concen: 17.278 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

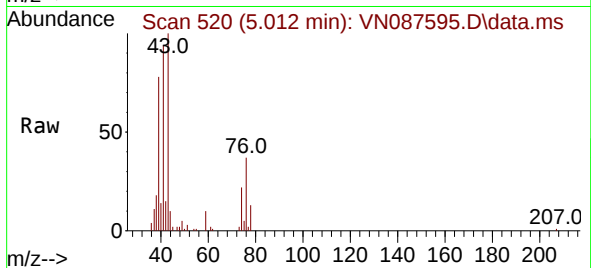
Tgt Ion: 76 Resp: 176742
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7





#17
Allyl chloride
Concen: 13.584 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

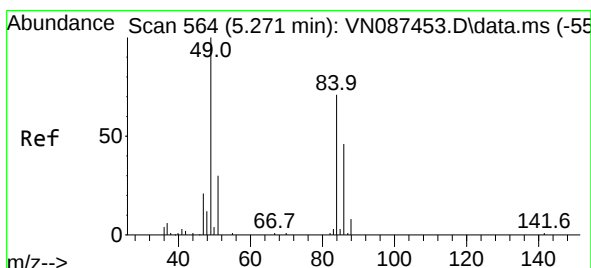
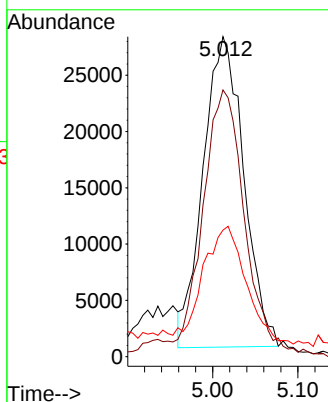
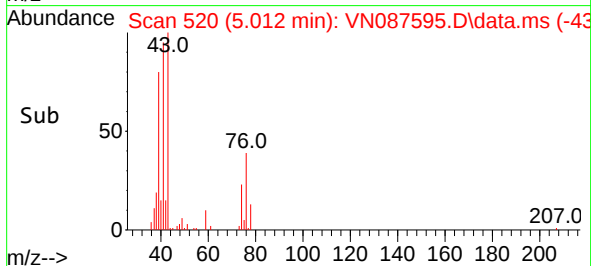
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 91304
Ion Ratio Lower Upper
41 100
39 80.6 42.4 127.2
76 35.8 16.9 50.6

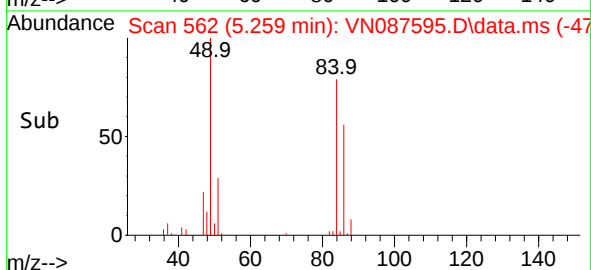
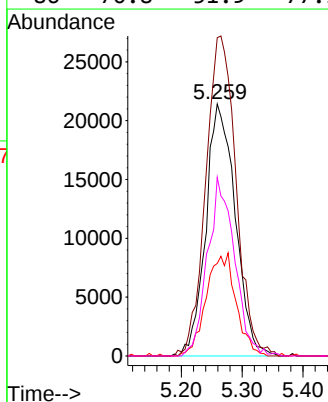
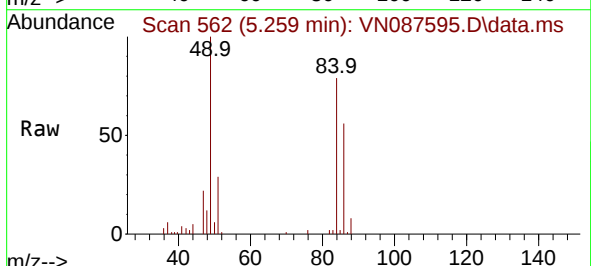
Manual Integrations
APPROVED

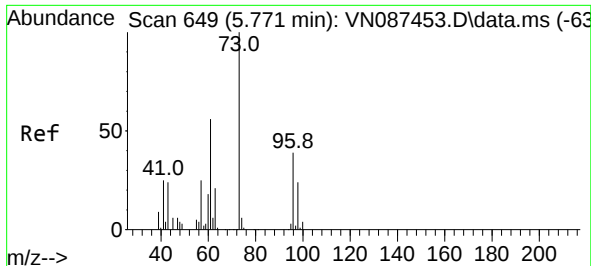
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#18
Methylene Chloride
Concen: 16.962 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

Tgt Ion: 84 Resp: 72012
Ion Ratio Lower Upper
84 100
49 126.3 112.9 169.3
51 36.7 33.8 50.8
86 70.8 51.9 77.9





#19

trans-1,2-Dichloroethene

Concen: 16.831 ug/l m

RT: 5.771 min Scan# 649

Delta R.T. -0.000 min

Lab File: VN087595.D

Acq: 18 Aug 2025 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 96 Resp: 66000

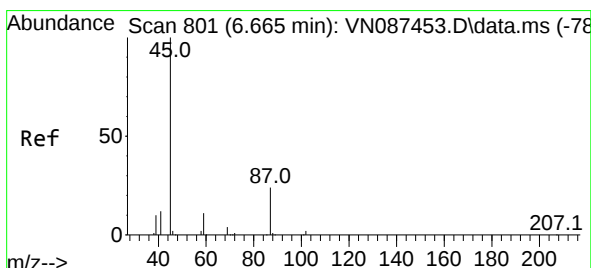
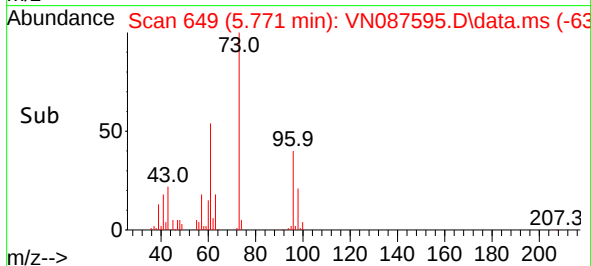
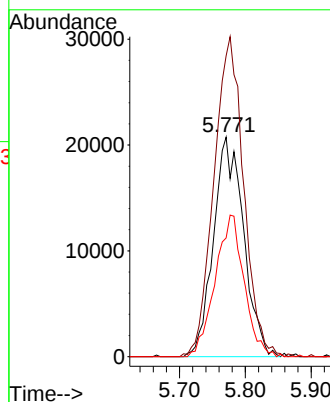
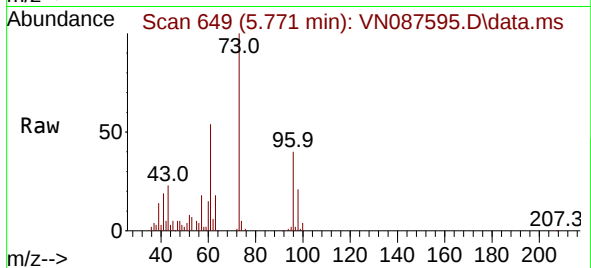
Ion	Ratio	Lower	Upper
96	100		
61	137.0	114.2	171.4
98	54.1	48.7	73.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/20/2025



#20

Diisopropyl ether

Concen: 14.798 ug/l

RT: 6.659 min Scan# 800

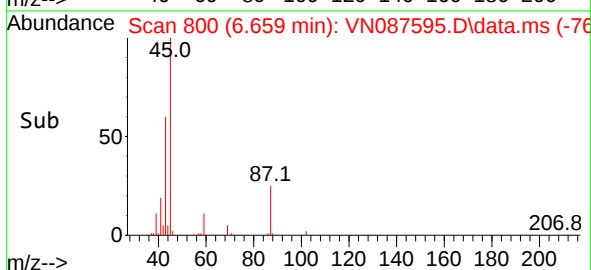
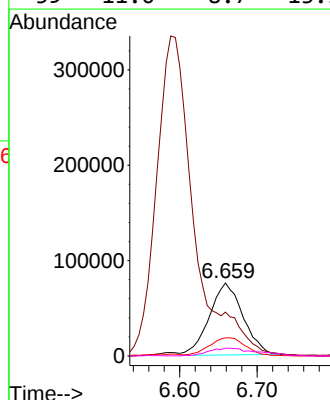
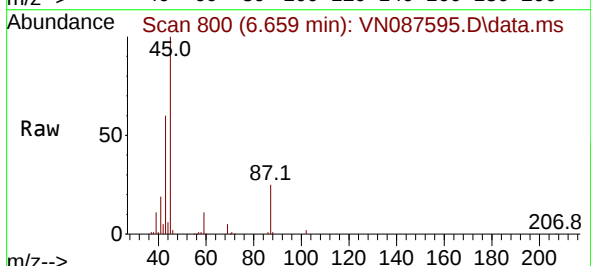
Delta R.T. -0.006 min

Lab File: VN087595.D

Acq: 18 Aug 2025 09:29

Tgt Ion: 45 Resp: 226596

Ion	Ratio	Lower	Upper
45	100		
43	58.7	44.7	67.1
87	24.6	20.2	30.2
59	11.0	8.7	13.1





#21

1,1-Dichloroethane

Concen: 16.507 ug/l

RT: 6.553 min Scan# 782

Delta R.T. -0.000 min

Lab File: VN087595.D

Acq: 18 Aug 2025 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 130652

Ion Ratio Lower Upper

63 100

98 8.3 3.0 9.0

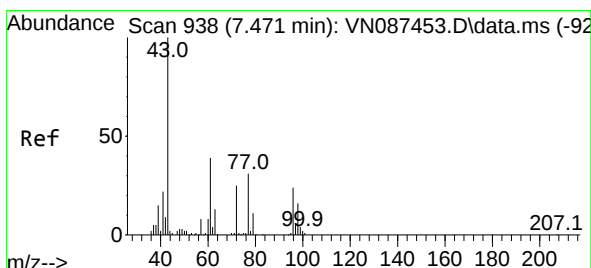
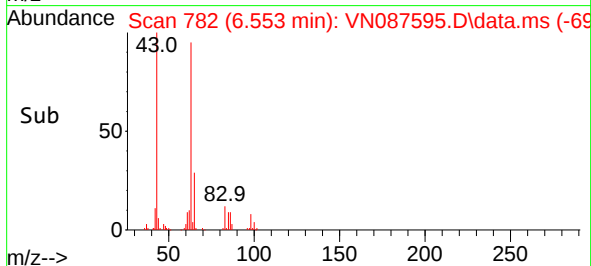
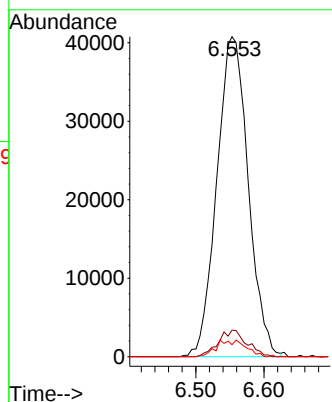
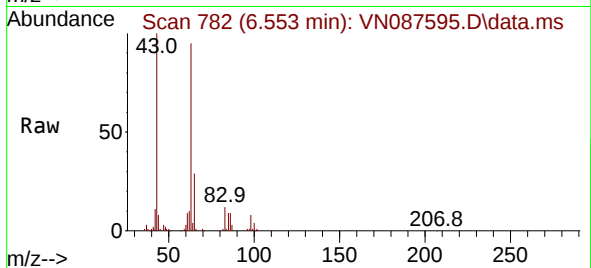
100 3.7 1.9 5.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/20/2025



#22

cis-1,2-Dichloroethene

Concen: 16.795 ug/l

RT: 7.471 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN087595.D

Acq: 18 Aug 2025 09:29

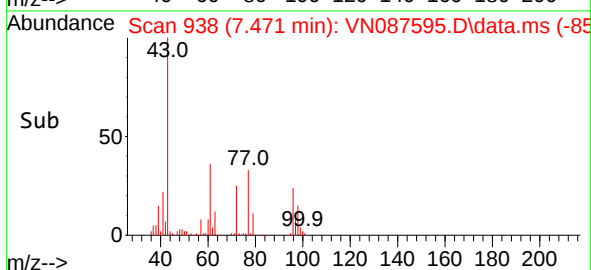
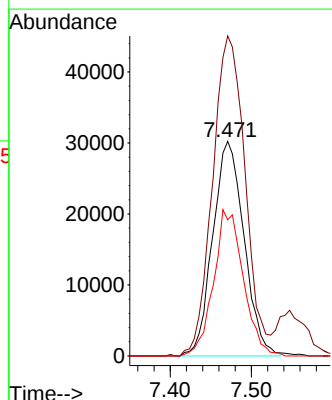
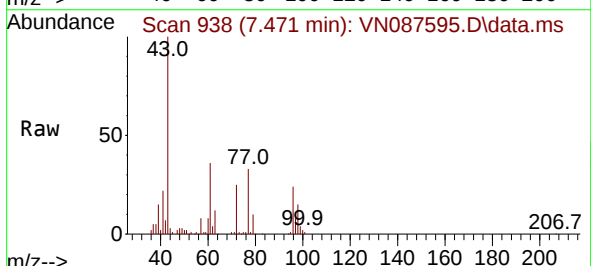
Tgt Ion: 96 Resp: 81042

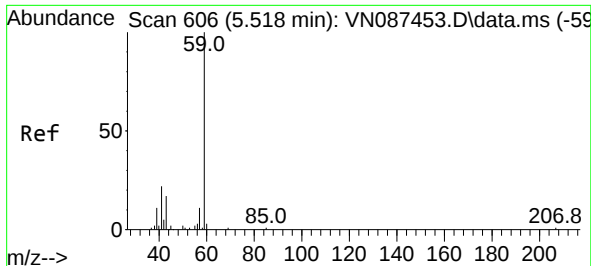
Ion Ratio Lower Upper

96 100

61 155.2 126.6 190.0

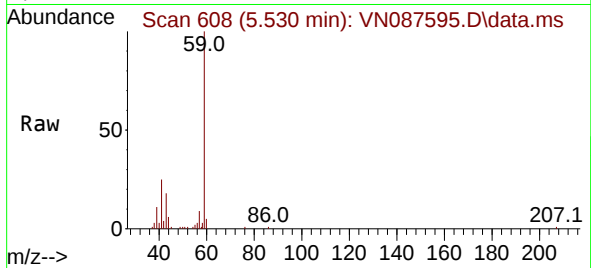
98 64.6 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 90.345 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

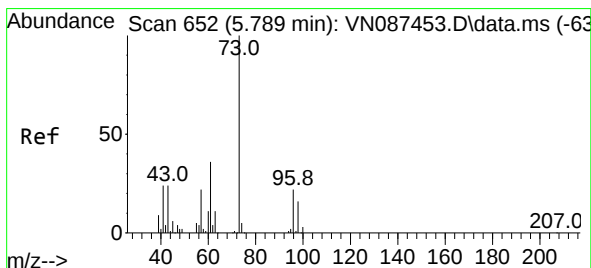
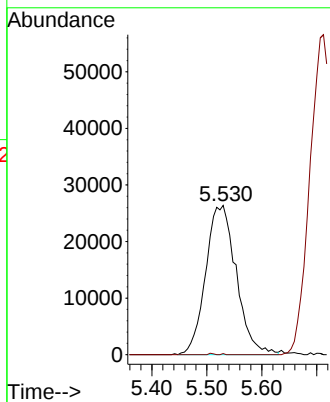
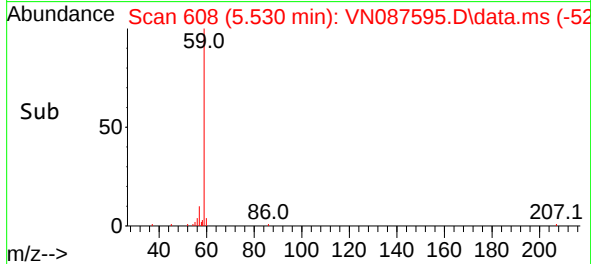
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 59 Resp: 10201
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

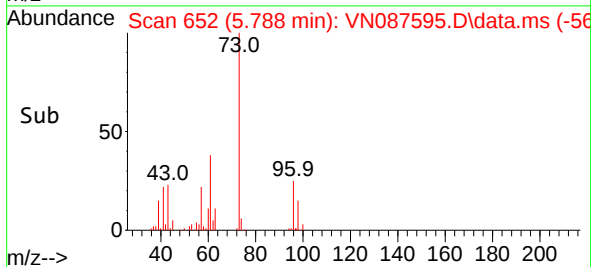
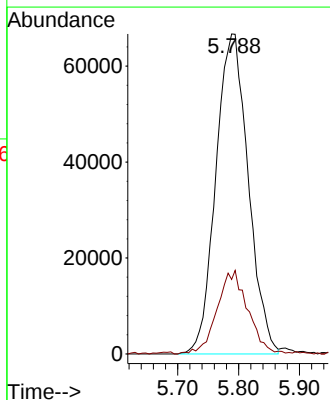
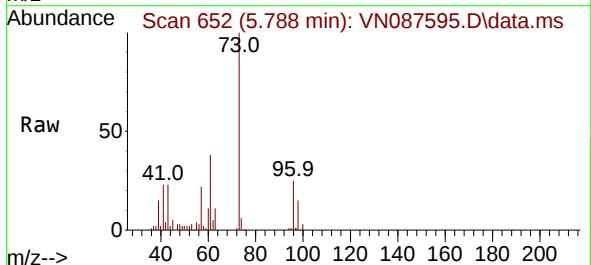
Manual Integrations
APPROVED

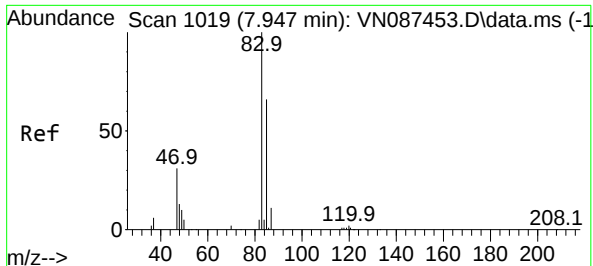
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#24
Methyl tert-Butyl Ether
Concen: 16.428 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

Tgt Ion: 73 Resp: 246861
Ion Ratio Lower Upper
73 100
43 23.5 19.9 29.9





#25

Chloroform

Concen: 16.853 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087595.D

Acq: 18 Aug 2025 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 13923

Ion Ratio Lower Upper

83 100

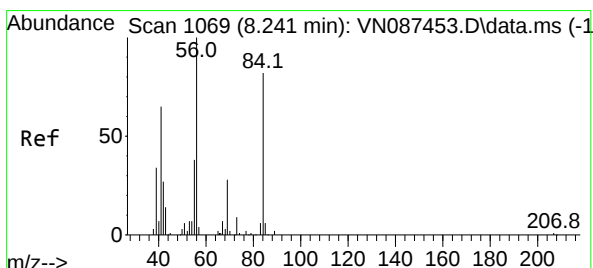
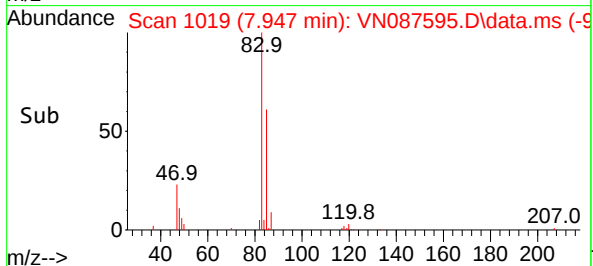
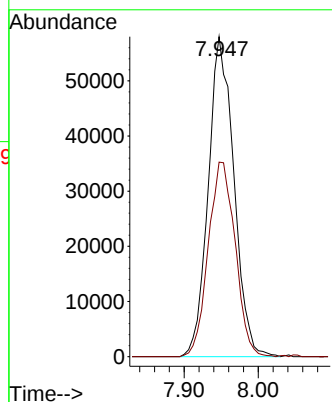
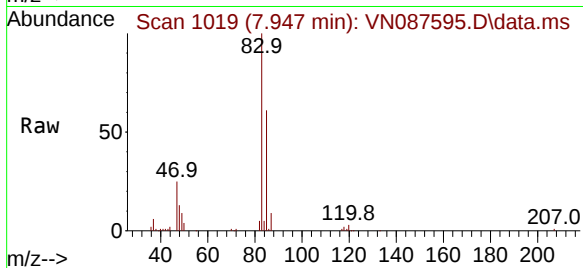
85 60.8 52.6 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/20/2025



#26

Cyclohexane

Concen: 15.935 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VN087595.D

Acq: 18 Aug 2025 09:29

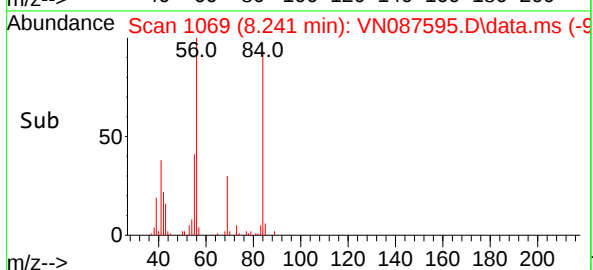
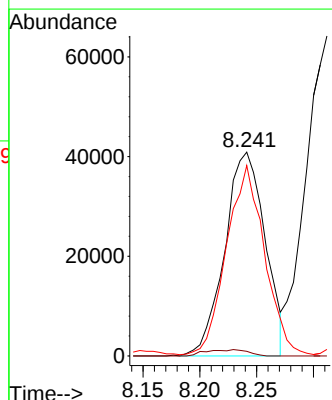
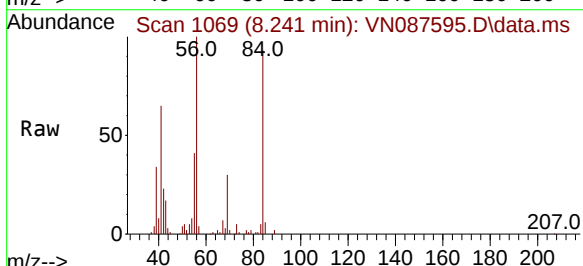
Tgt Ion: 56 Resp: 100985

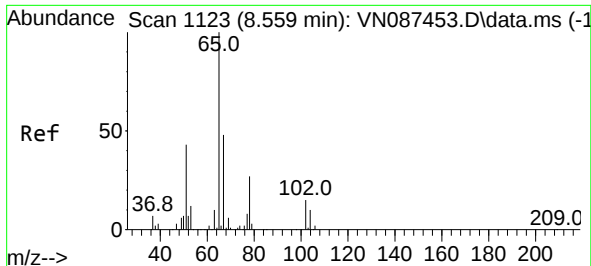
Ion Ratio Lower Upper

56 100

89 1.4 2.3 3.5#

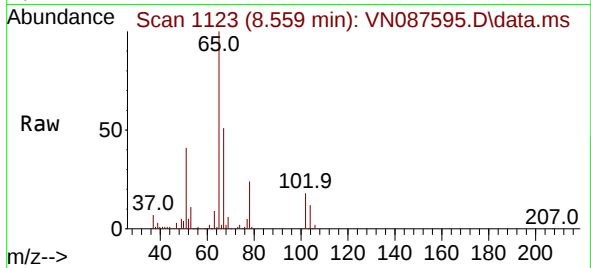
84 88.9 67.0 100.4





#27
1,2-Dichloroethane-d4
Concen: 29.690 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

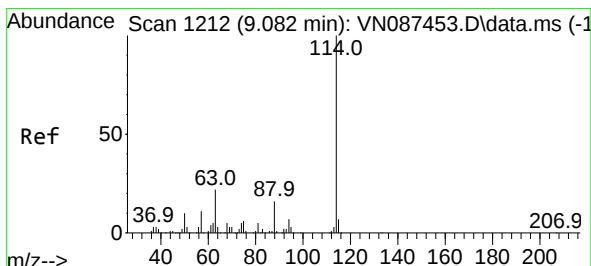
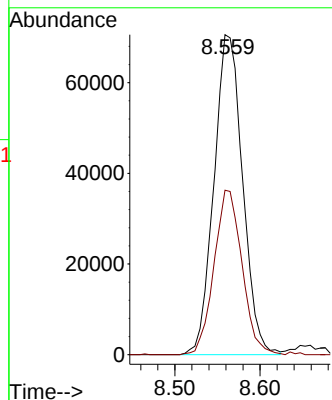
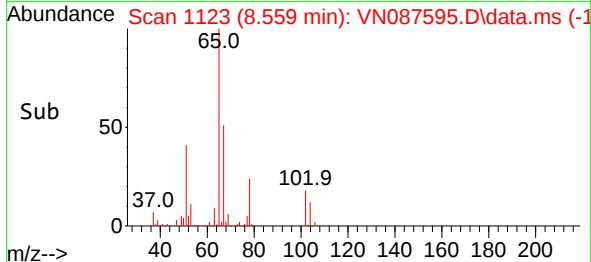
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



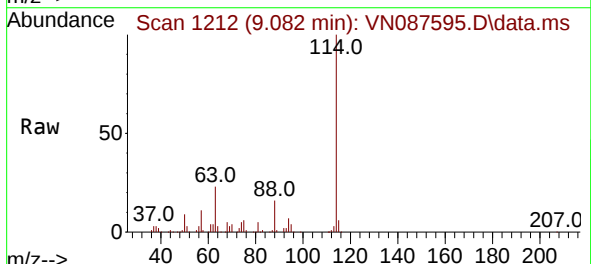
Tgt Ion: 65 Resp: 16488
Ion Ratio Lower Upper
65 100
67 50.2 40.8 61.2

Manual Integrations
APPROVED

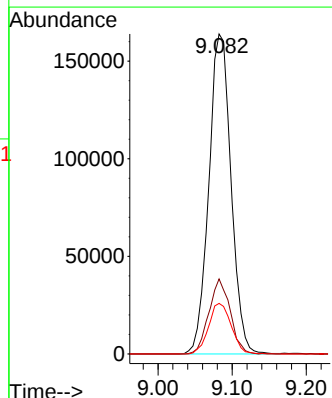
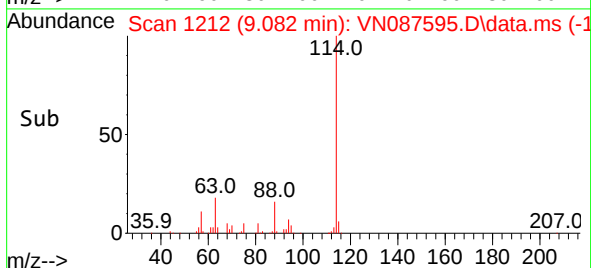
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025

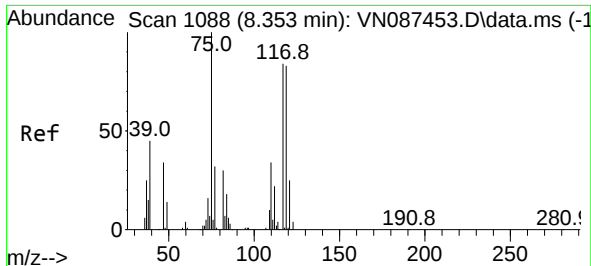


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29



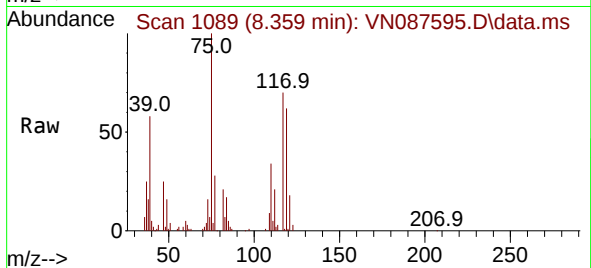
Tgt Ion:114 Resp: 341524
Ion Ratio Lower Upper
114 100
63 22.4 18.9 28.3
88 16.1 13.1 19.7





#29
1,1-Dichloropropene
Concen: 16.509 ug/l
RT: 8.359 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

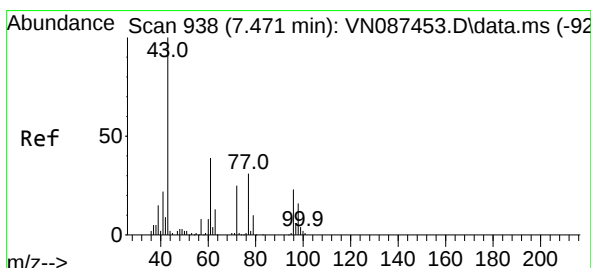
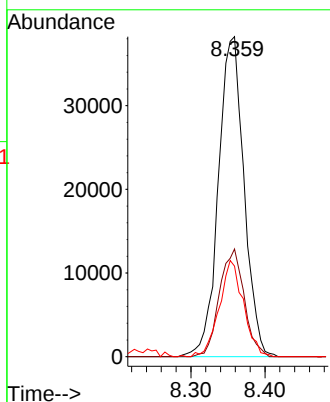
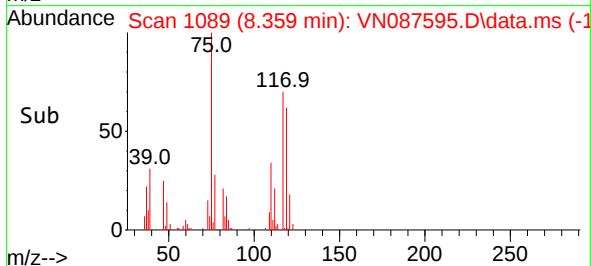
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 91959
Ion Ratio Lower Upper
75 100
110 32.4 0.0 65.8
77 28.0 0.0 63.6

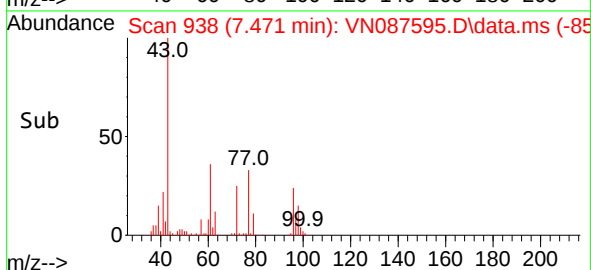
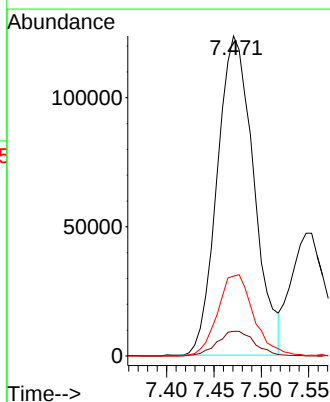
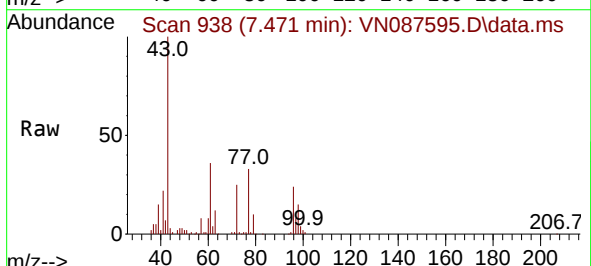
Manual Integrations
APPROVED

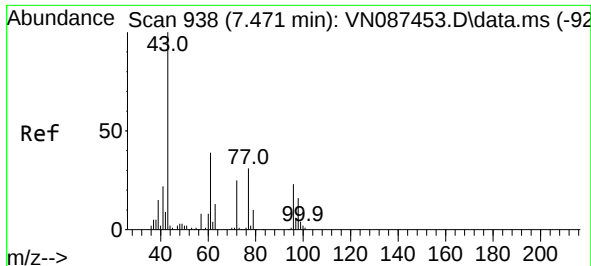
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#30
2-Butanone
Concen: 80.771 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

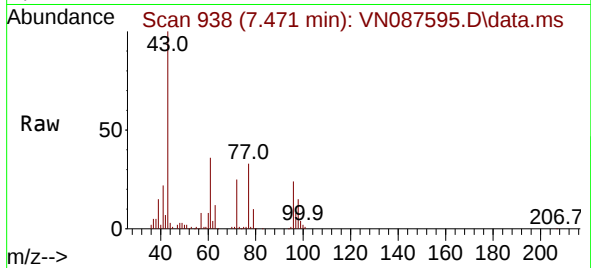
Tgt Ion: 43 Resp: 331640
Ion Ratio Lower Upper
43 100
57 8.0 6.6 9.8
72 25.1 19.7 29.5





#31
2,2-Dichloropropane
Concen: 16.696 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

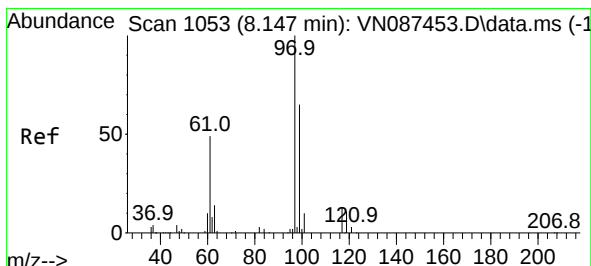
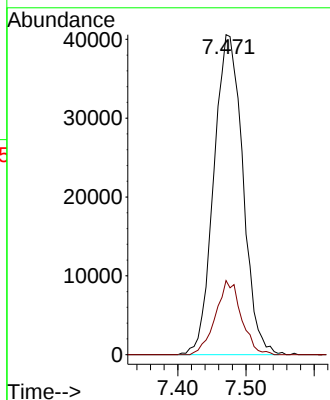
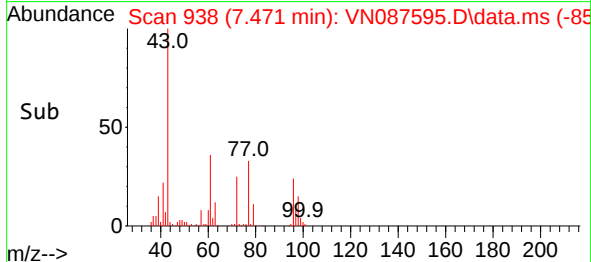
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



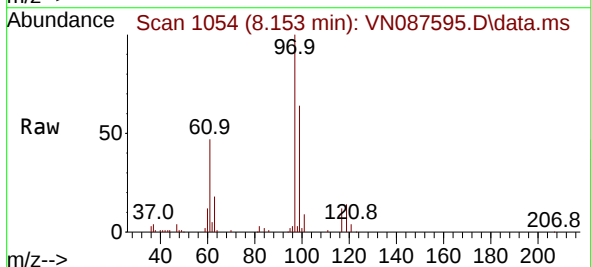
Tgt Ion: 77 Resp: 119952
Ion Ratio Lower Upper
77 100
97 20.7 16.7 25.1

Manual Integrations
APPROVED

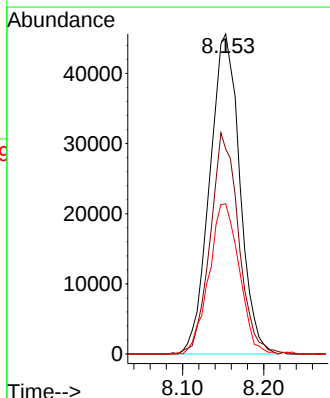
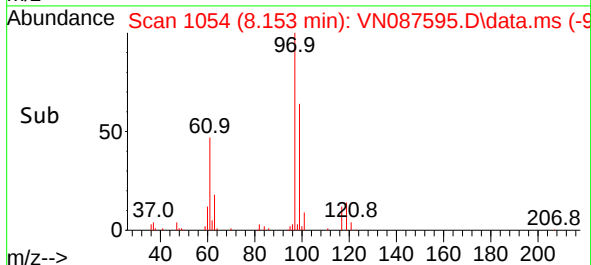
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#32
1,1,1-Trichloroethane
Concen: 16.516 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29



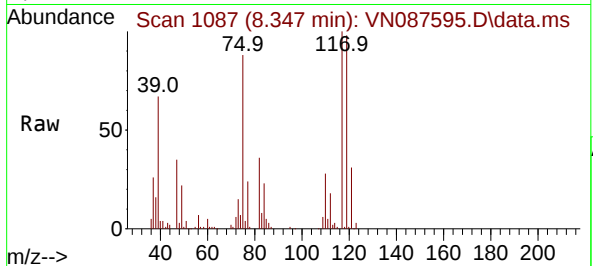
Tgt Ion: 97 Resp: 117333
Ion Ratio Lower Upper
97 100
99 65.2 53.0 79.6
61 47.2 40.6 61.0





#33
Carbon Tetrachloride
Concen: 16.457 ug/l
RT: 8.347 min Scan# 1086
Delta R.T. 0.006 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

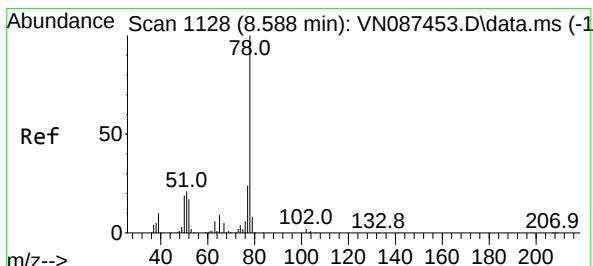
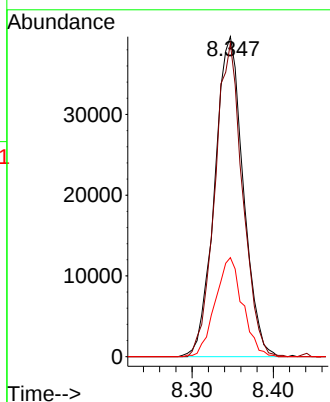
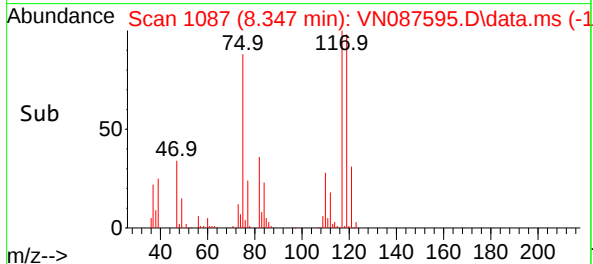
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 97130
Ion Ratio Lower Upper
117 100
119 97.9 73.4 110.0
121 30.9 21.1 31.7

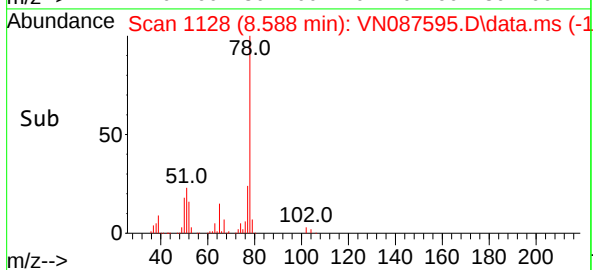
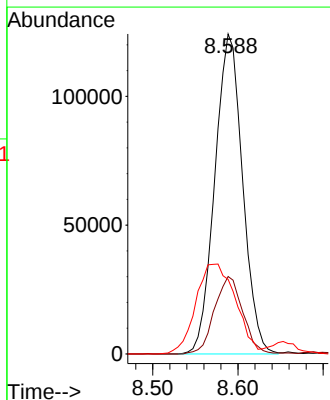
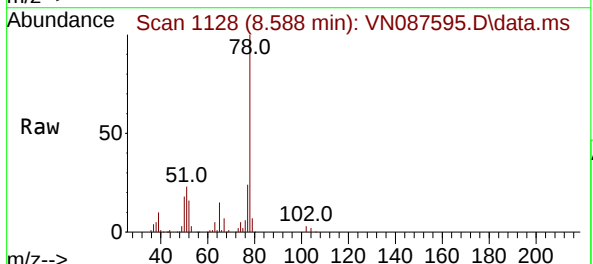
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#34
Benzene
Concen: 16.000 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

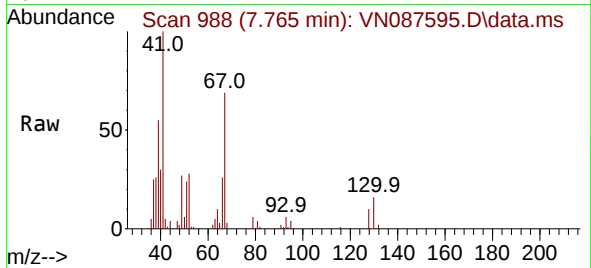
Tgt Ion: 78 Resp: 281341
Ion Ratio Lower Upper
78 100
77 24.2 19.2 28.8
51 21.2 16.9 25.3





#35
Methacrylonitrile
Concen: 15.895 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

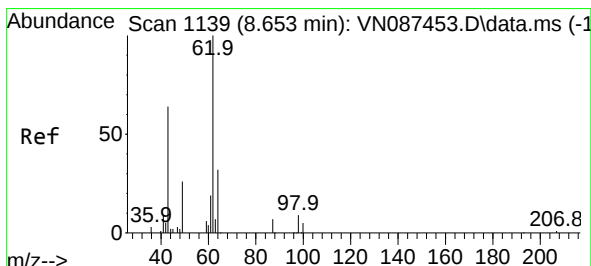
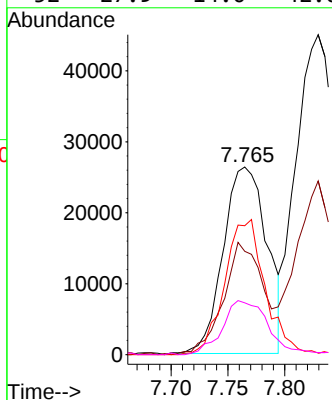
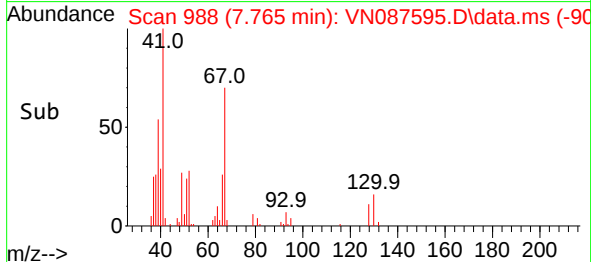
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:	41	Resp:	70430
Ion Ratio	100	Lower	Upper
41	100		
39	54.9	30.1	90.5
67	69.4	32.0	96.2
52	27.9	14.0	42.0

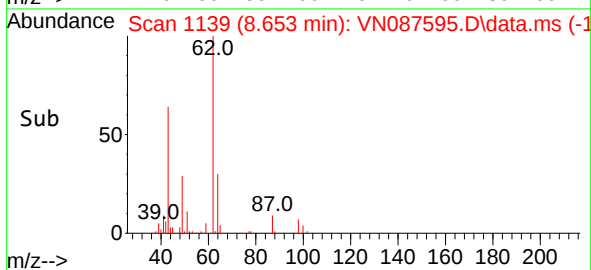
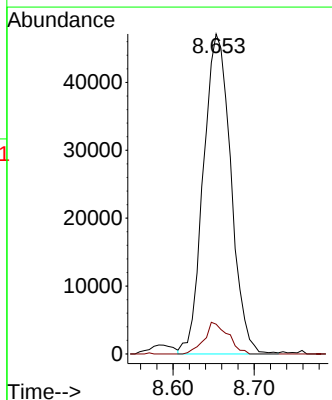
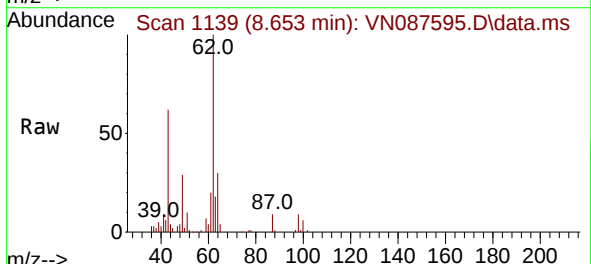
Manual Integrations
APPROVED

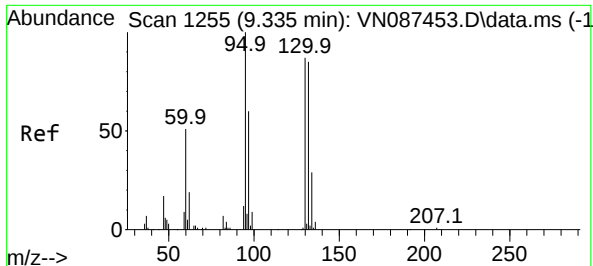
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#36
1,2-Dichloroethane
Concen: 15.614 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

Tgt Ion:	62	Resp:	110969
Ion Ratio	100	Lower	Upper
62	100		
98	8.5	6.6	9.8





#37

Trichloroethene

Concen: 17.052 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. -0.000 min

Lab File: VN087595.D

Acq: 18 Aug 2025 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 66048

Ion Ratio Lower Upper

130 100

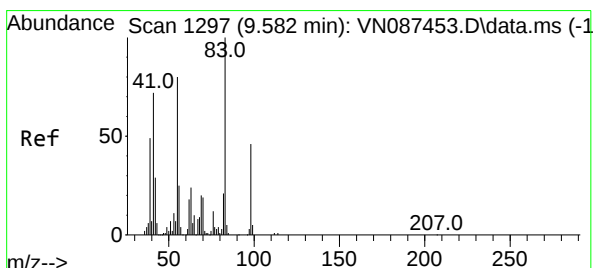
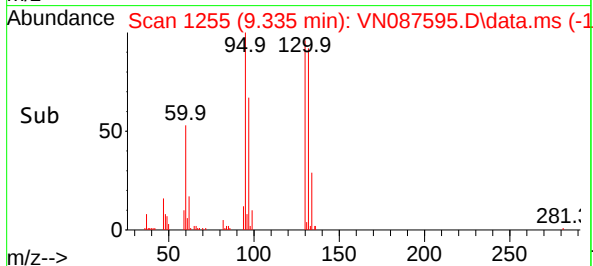
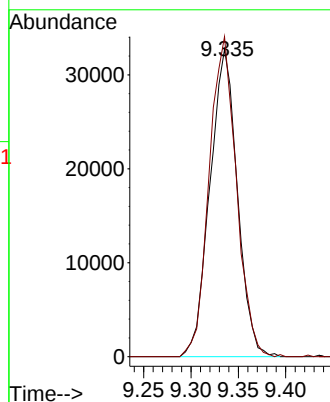
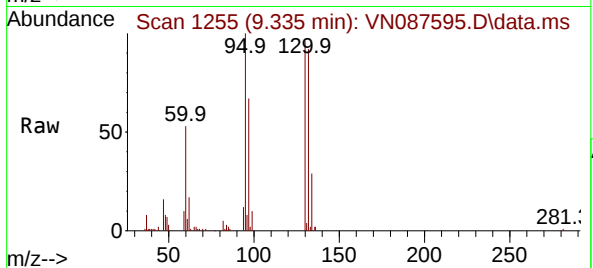
95 104.2 91.4 137.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/20/2025



#38

Methylcyclohexane

Concen: 15.851 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087595.D

Acq: 18 Aug 2025 09:29

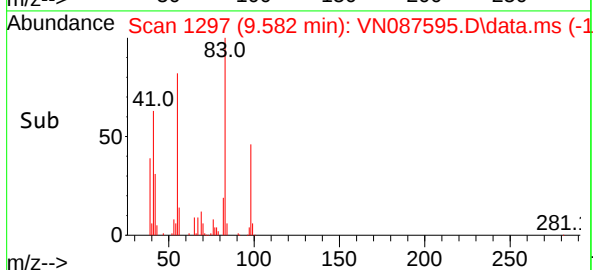
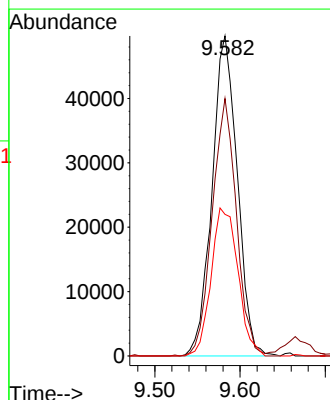
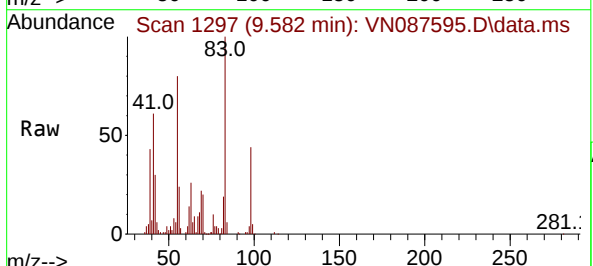
Tgt Ion: 83 Resp: 102433

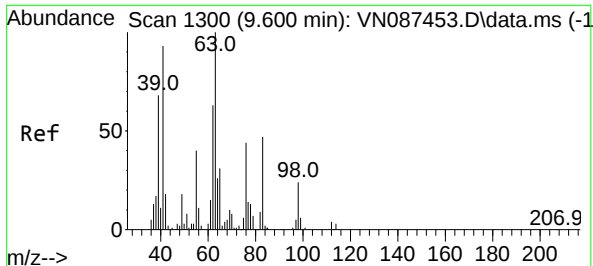
Ion Ratio Lower Upper

83 100

55 77.1 41.2 123.6

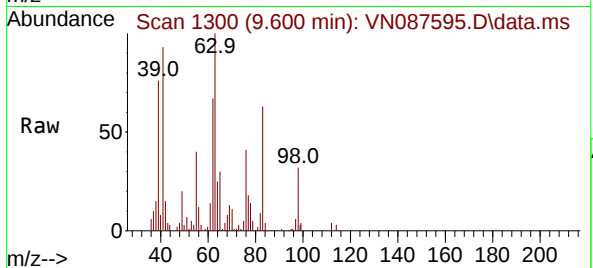
98 49.0 23.3 69.9





#39
1,2-Dichloropropane
Concen: 16.522 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

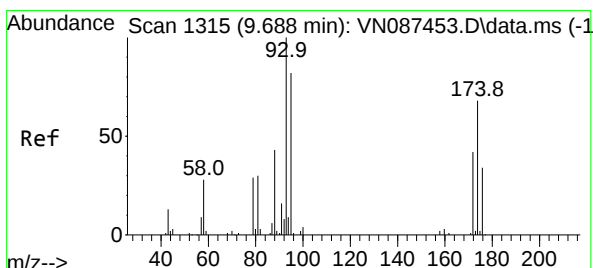
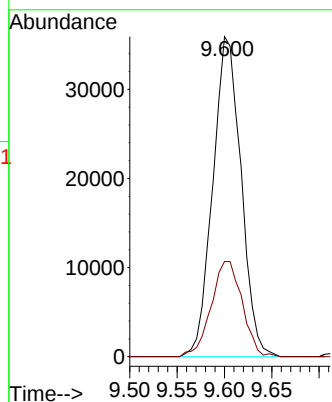
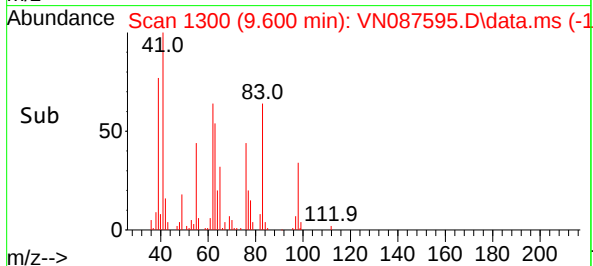
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 7448
Ion Ratio Lower Upper
63 100
65 29.7 24.6 36.8

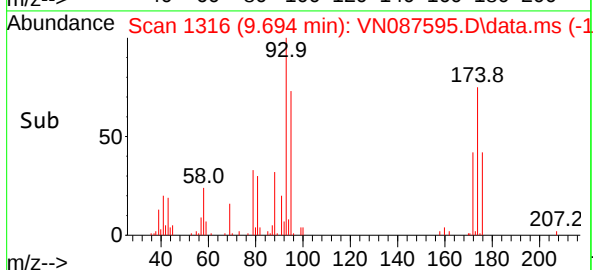
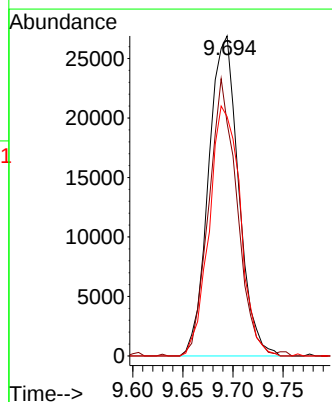
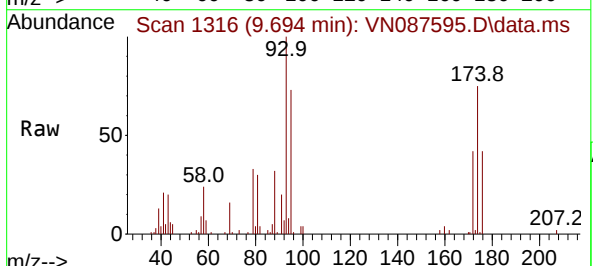
Manual Integrations
APPROVED

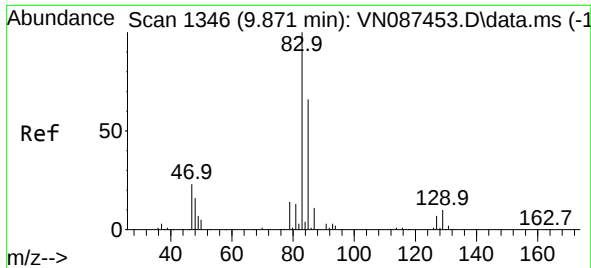
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#40
Dibromomethane
Concen: 16.563 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

Tgt Ion: 93 Resp: 56024
Ion Ratio Lower Upper
93 100
95 81.2 0.0 161.6
174 80.7 0.0 151.4





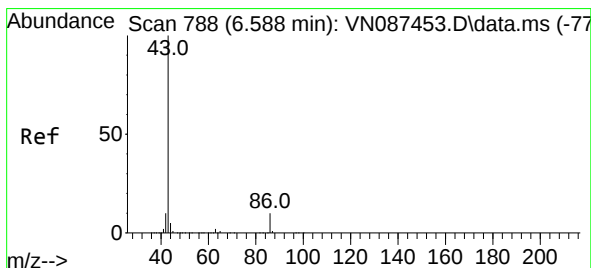
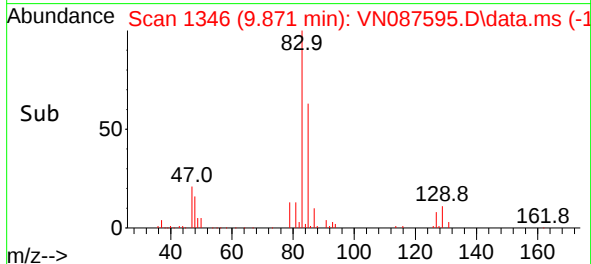
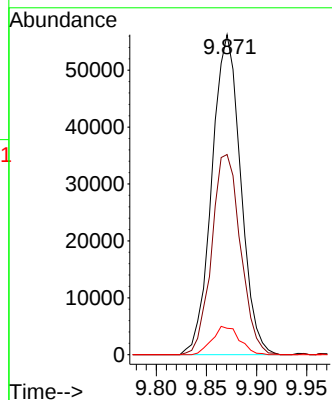
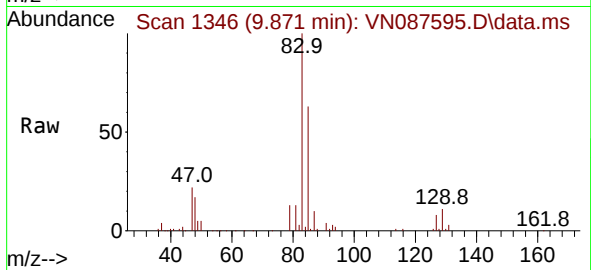
#41
Bromodichloromethane
Concen: 15.970 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 11225
Ion Ratio Lower Upper
83 100
85 62.5 52.9 79.3
127 8.3 5.8 8.6

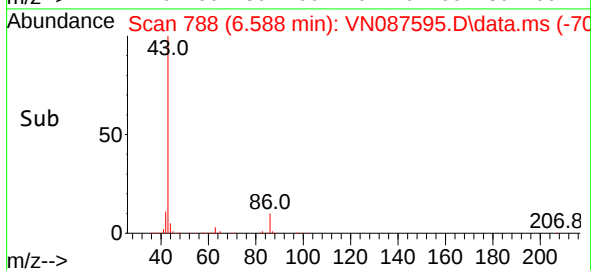
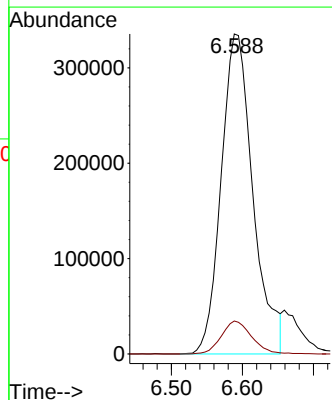
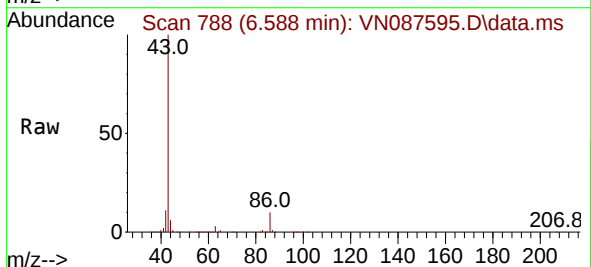
Manual Integrations
APPROVED

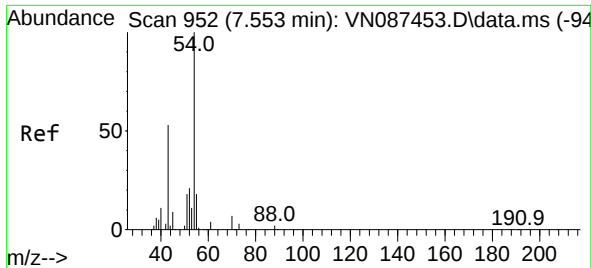
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#42
Vinyl Acetate
Concen: 77.176 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

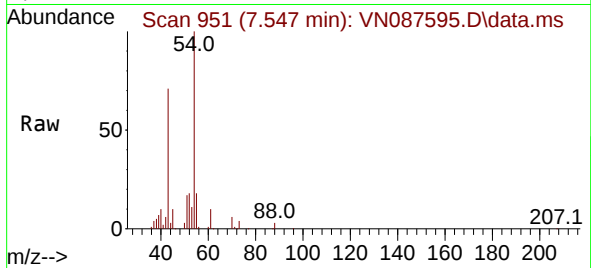
Tgt Ion: 43 Resp: 1043547
Ion Ratio Lower Upper
43 100
86 9.8 7.3 10.9





#43
Ethyl Acetate
Concen: 15.347 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

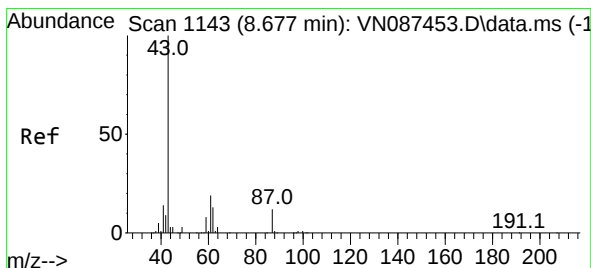
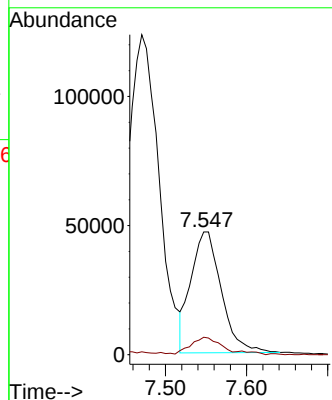
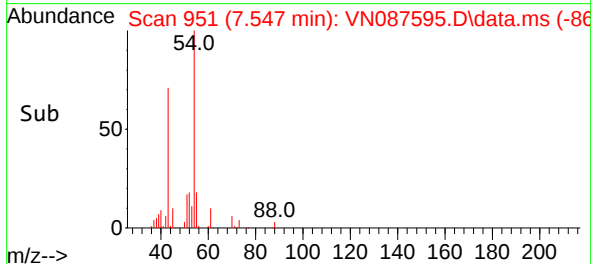
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 121730
Ion Ratio Lower Upper
43 100
45 13.7 11.1 16.7

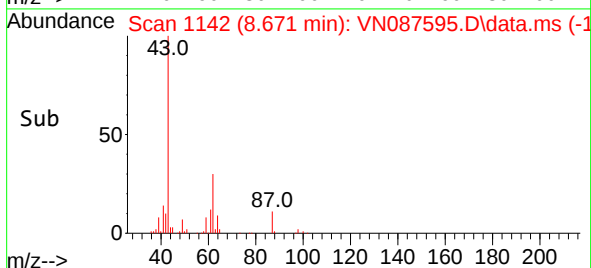
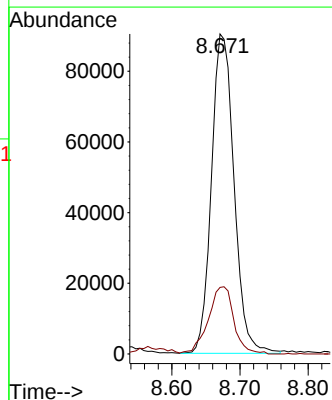
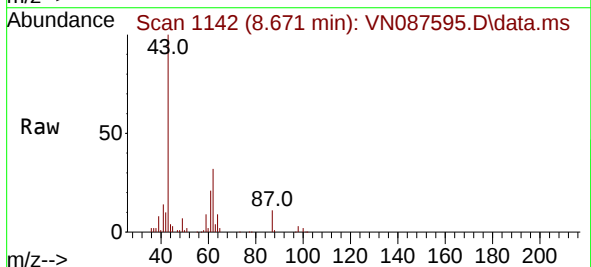
Manual Integrations
APPROVED

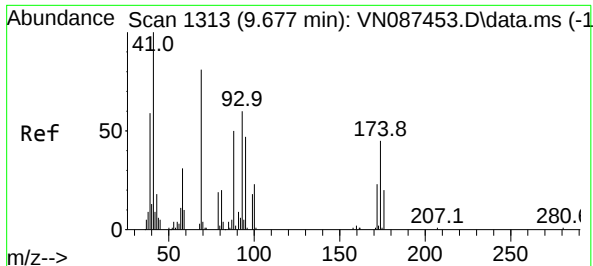
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#44
Isopropyl Acetate
Concen: 15.516 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

Tgt Ion: 43 Resp: 208624
Ion Ratio Lower Upper
43 100
61 22.6 18.6 28.0





#45

1,4-Dioxane

Concen: 333.713 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN087595.D

Acq: 18 Aug 2025 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 88 Resp: 2860

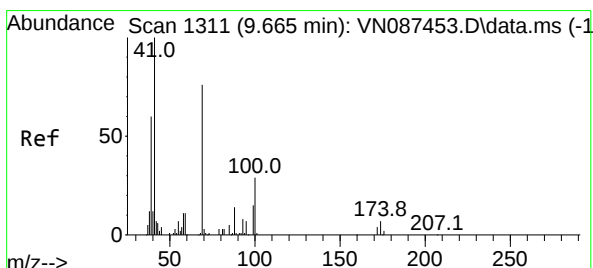
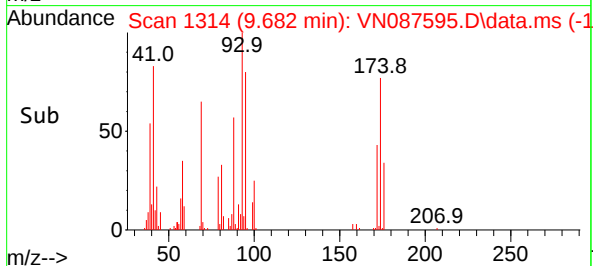
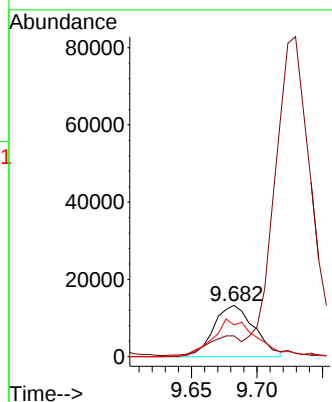
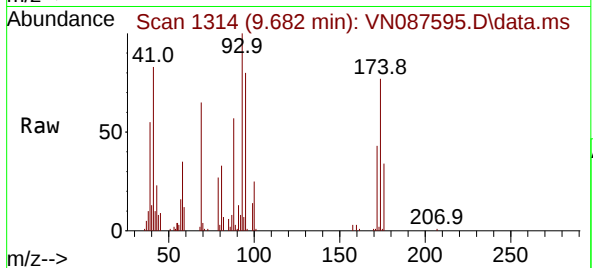
Ion	Ratio	Lower	Upper
88	100		
43	32.3	24.1	36.1
58	78.6	57.2	85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/20/2025



#46

Methyl methacrylate

Concen: 14.480 ug/l

RT: 9.665 min Scan# 1311

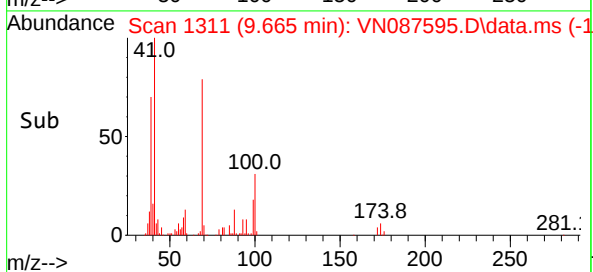
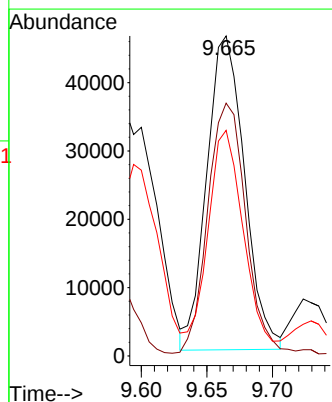
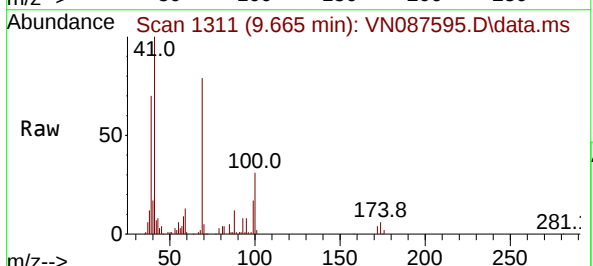
Delta R.T. -0.000 min

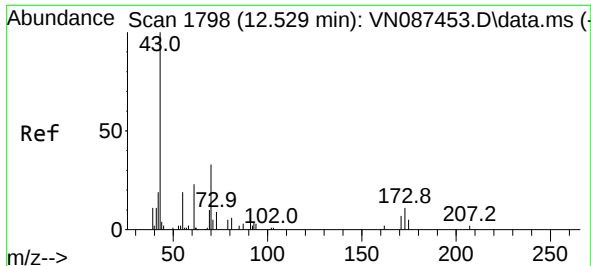
Lab File: VN087595.D

Acq: 18 Aug 2025 09:29

Tgt Ion: 41 Resp: 91902

Ion	Ratio	Lower	Upper
41	100		
69	82.5	37.1	111.5
39	69.8	30.7	92.1





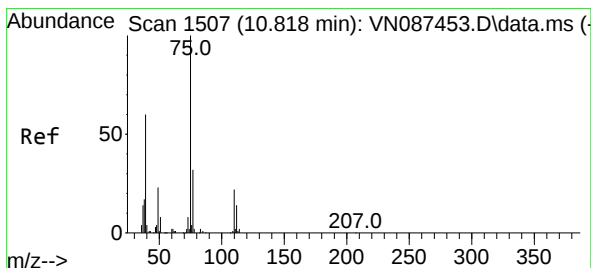
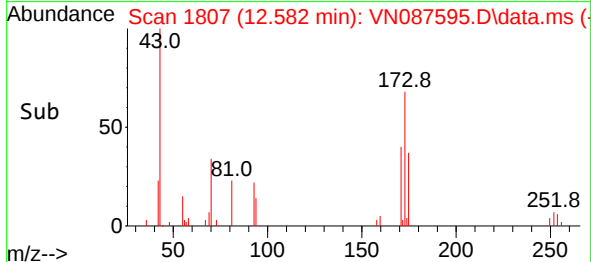
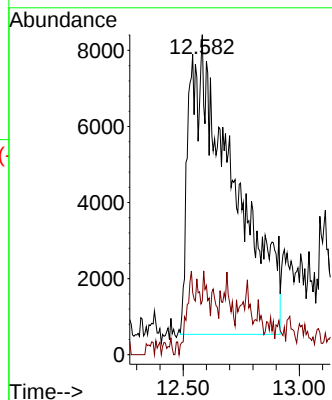
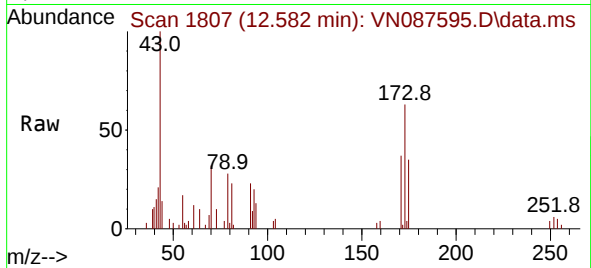
#47
n-amy1 Acetate
Concen: 14.005 ug/l m
RT: 12.582 min Scan# 1
Delta R.T. 0.053 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 104020
Ion Ratio Lower Upper
43 100
55 3.9 4.6 6.8

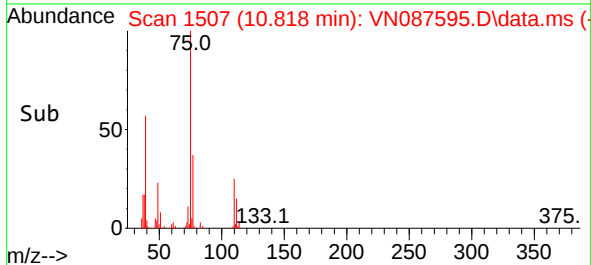
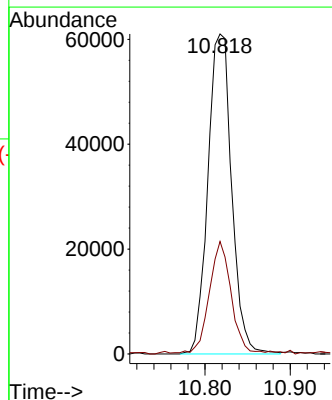
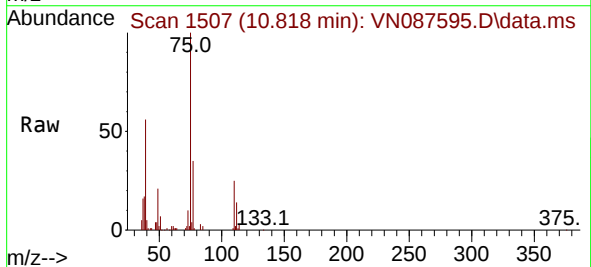
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#48
t-1,3-Dichloropropene
Concen: 15.455 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

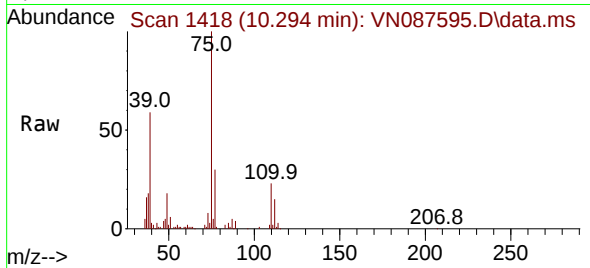
Tgt Ion: 75 Resp: 118184
Ion Ratio Lower Upper
75 100
77 34.7 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 15.562 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN087595.D
 Acq: 18 Aug 2025 09:29

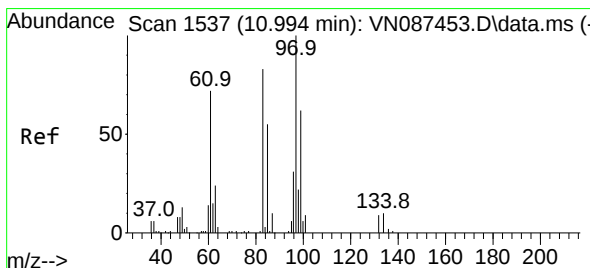
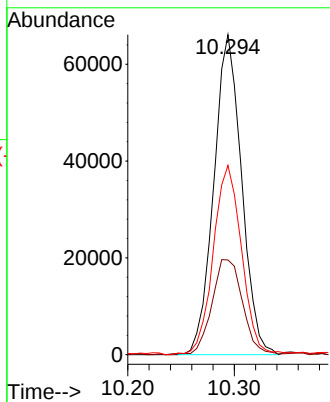
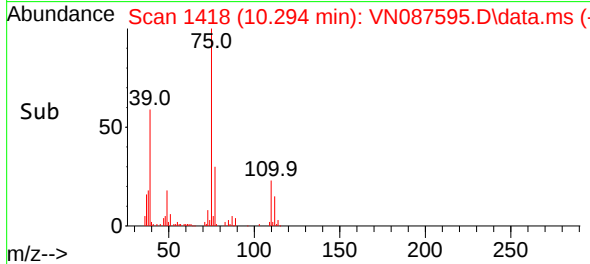
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 75 Resp: 11975
 Ion Ratio Lower Upper
 75 100
 77 29.4 24.6 36.8
 39 58.7 51.5 77.3

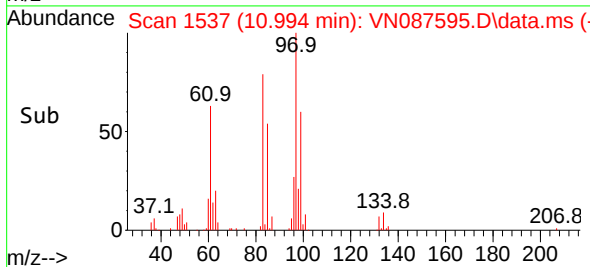
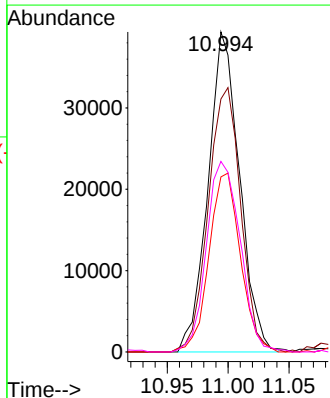
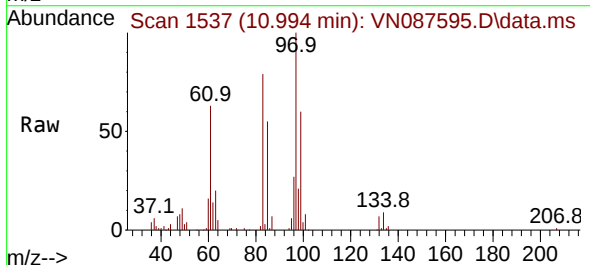
Manual Integrations
 APPROVED

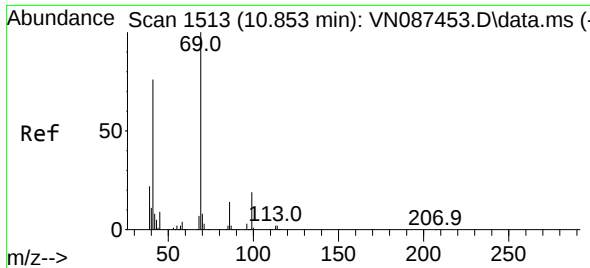
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/20/2025



#50
 1,1,2-Trichloroethane
 Concen: 16.625 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087595.D
 Acq: 18 Aug 2025 09:29

Tgt Ion: 97 Resp: 71049
 Ion Ratio Lower Upper
 97 100
 83 78.3 66.2 99.2
 85 54.7 43.9 65.9
 99 58.8 50.0 75.0





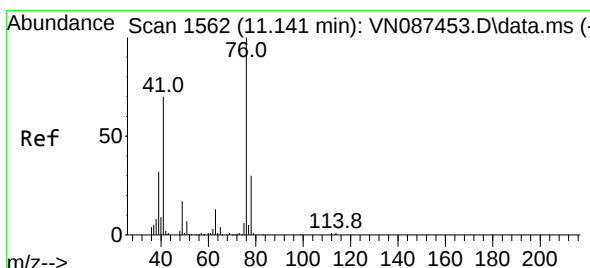
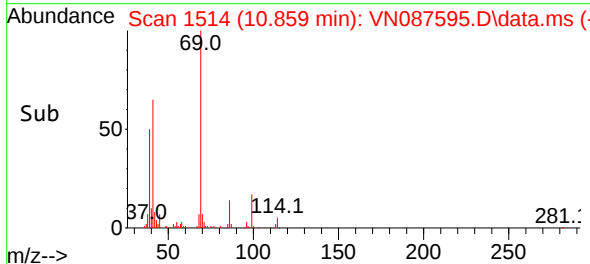
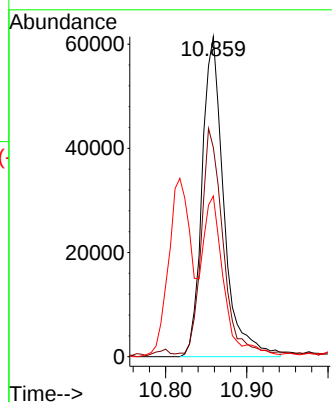
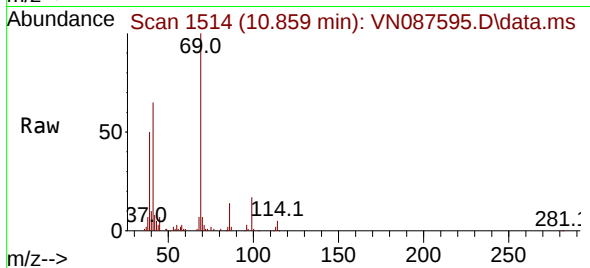
#51
Ethyl methacrylate
Concen: 15.262 ug/l
RT: 10.859 min Scan# 11487
Delta R.T. 0.006 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 69 Resp: 11487
Ion Ratio Lower Upper
69 100
41 64.3 38.0 114.1
39 49.5 23.2 69.5

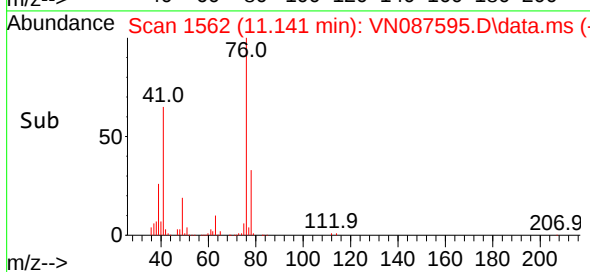
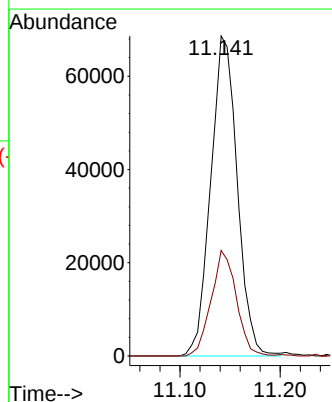
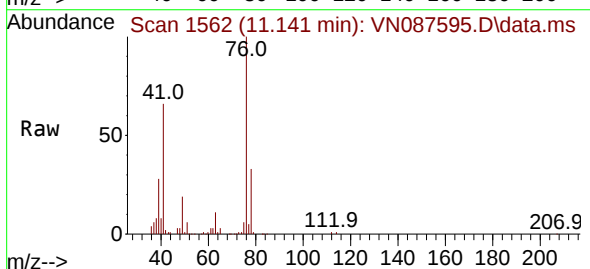
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#52
1,3-Dichloropropane
Concen: 16.407 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

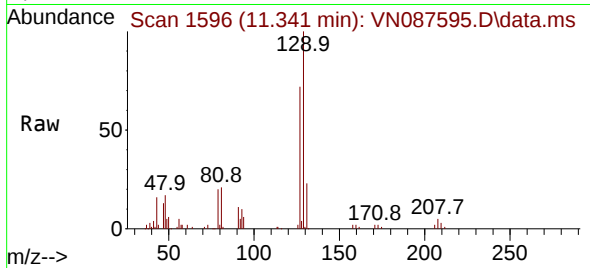
Tgt Ion: 76 Resp: 126330
Ion Ratio Lower Upper
76 100
78 31.2 0.0 63.0





#53
 Dibromochloromethane
 Concen: 16.398 ug/l
 RT: 11.341 min Scan# 1596
 Delta R.T. -0.000 min
 Lab File: VN087595.D
 Acq: 18 Aug 2025 09:29

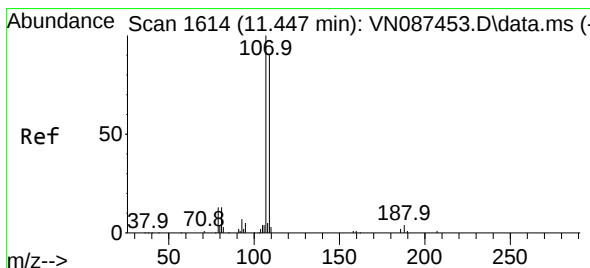
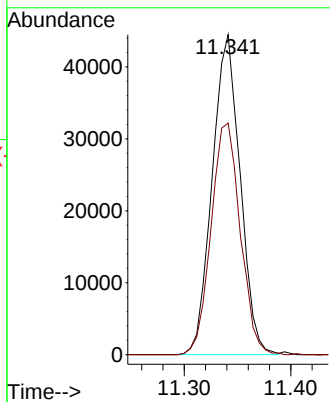
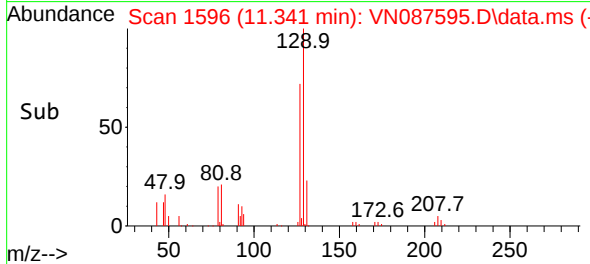
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



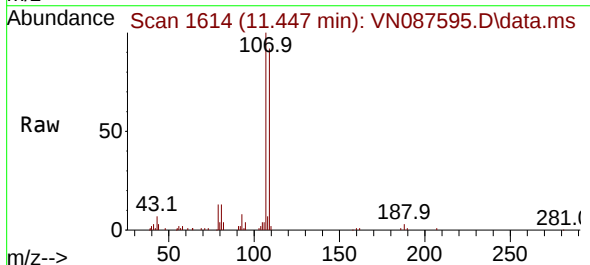
Tgt Ion:129 Resp: 80934
 Ion Ratio Lower Upper
 129 100
 127 75.5 39.1 117.3

Manual Integrations
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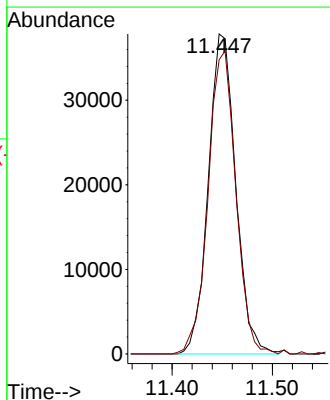
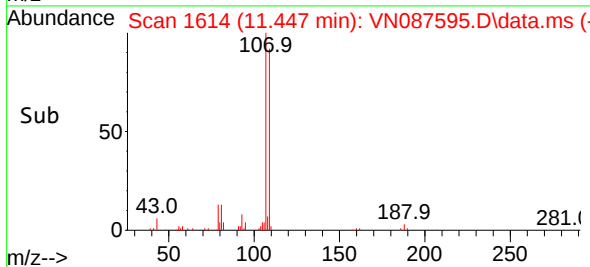
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/20/2025

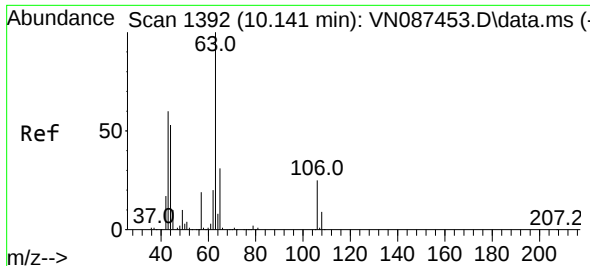


#54
 1,2-Dibromoethane
 Concen: 15.838 ug/l
 RT: 11.447 min Scan# 1614
 Delta R.T. -0.000 min
 Lab File: VN087595.D
 Acq: 18 Aug 2025 09:29



Tgt Ion:107 Resp: 71856
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.2 111.4





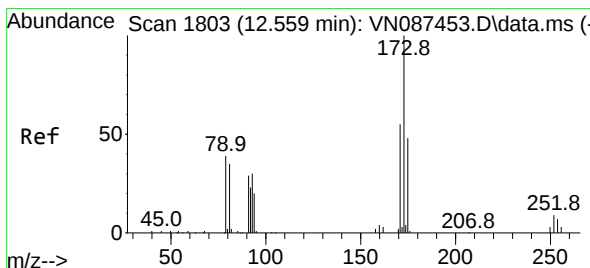
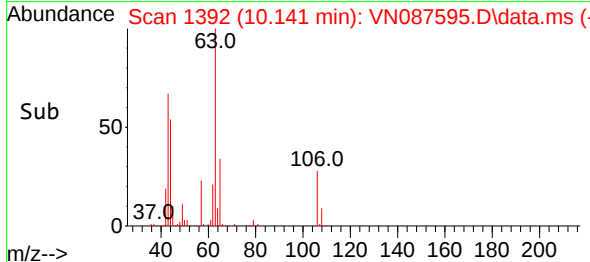
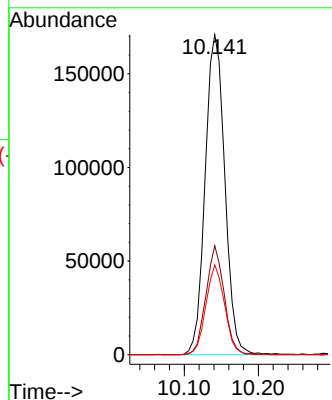
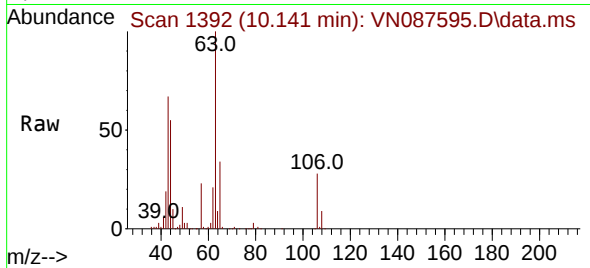
#55
2-Chloroethyl vinyl ether
Concen: 79.598 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 31539
Ion Ratio Lower Upper
63 100
65 31.4 25.7 38.5
106 26.6 20.7 31.1

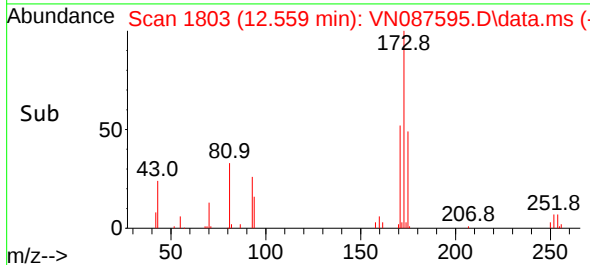
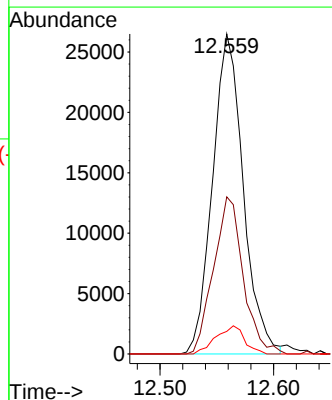
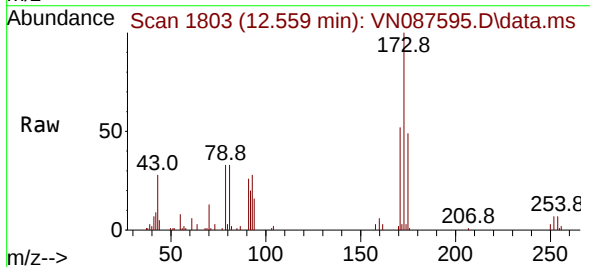
Manual Integrations
APPROVED

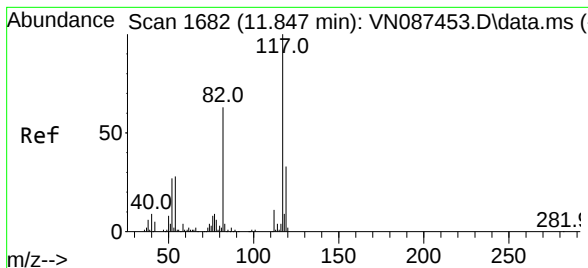
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#56
Bromoform
Concen: 15.218 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

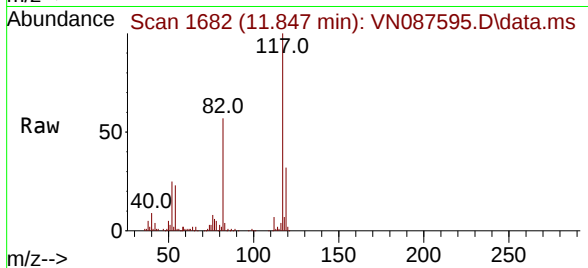
Tgt Ion:173 Resp: 49680
Ion Ratio Lower Upper
173 100
175 47.4 38.8 58.2
254 8.1 3.9 5.9#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

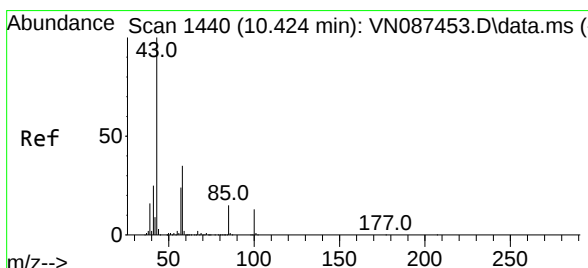
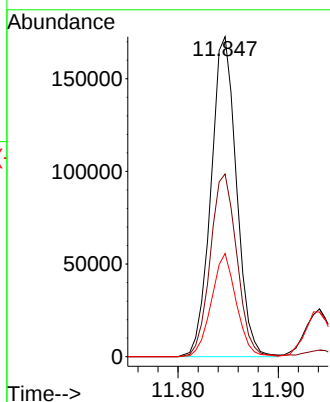
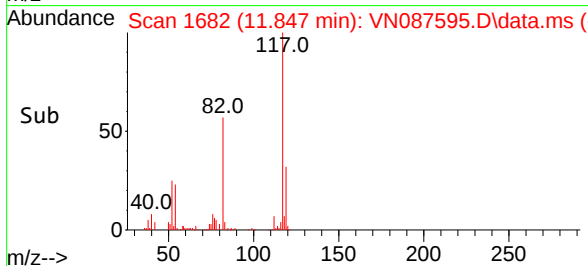
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



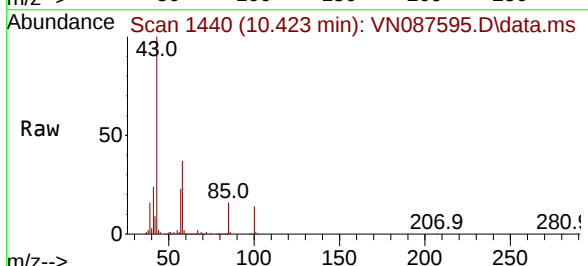
Tgt Ion:117 Resp: 30514
Ion Ratio Lower Upper
117 100
82 59.4 49.2 73.8
119 31.5 25.7 38.5

Manual Integrations
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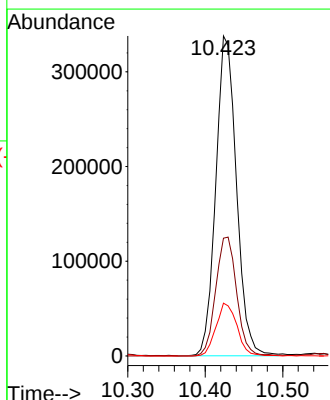
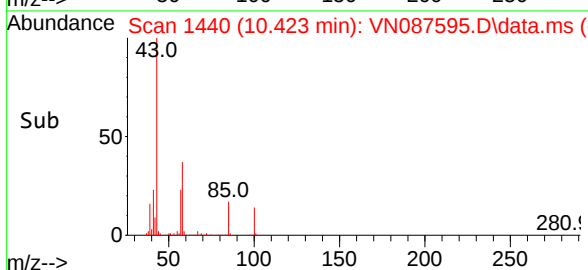
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025

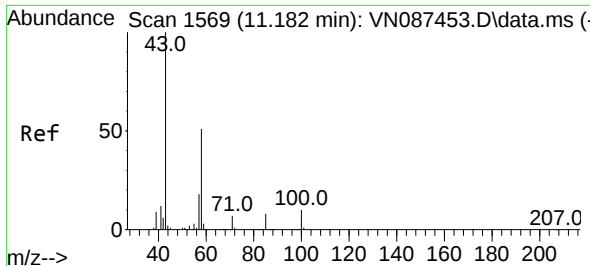


#58
4-Methyl-2-Pentanone
Concen: 79.765 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29



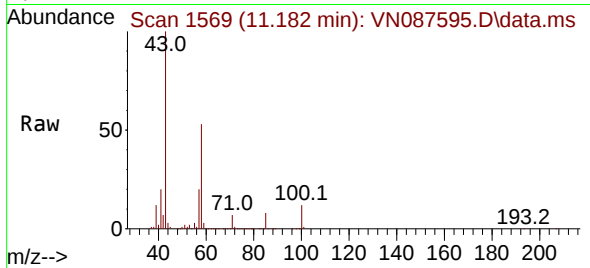
Tgt Ion: 43 Resp: 626128
Ion Ratio Lower Upper
43 100
58 37.9 29.0 43.6
85 16.7 12.7 19.1





#59
2-Hexanone
Concen: 76.874 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

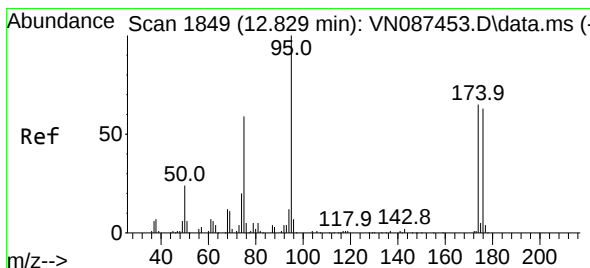
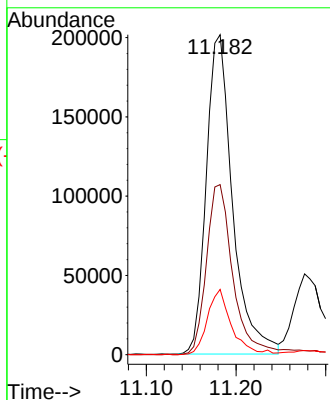
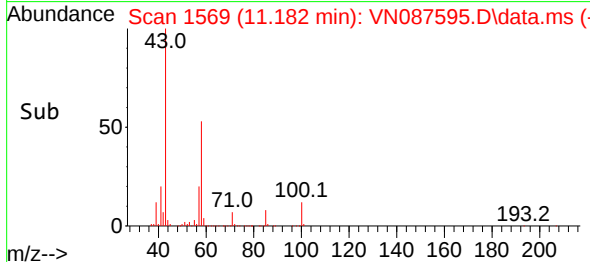
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 410004
Ion Ratio Lower Upper
43 100
58 53.2 41.0 61.6
57 18.4 14.6 21.8

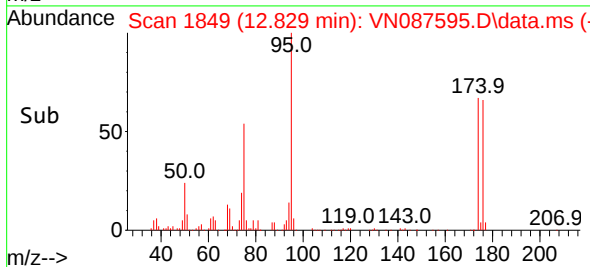
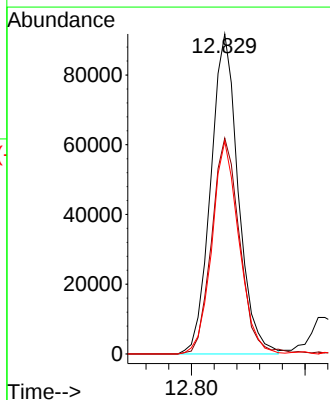
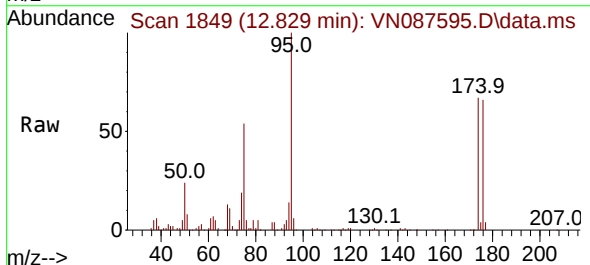
Manual Integrations
APPROVED

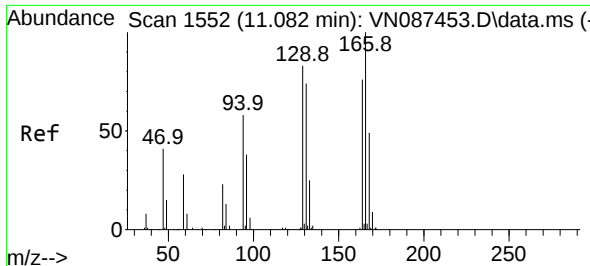
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#60
4-Bromofluorobenzene
Concen: 29.427 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

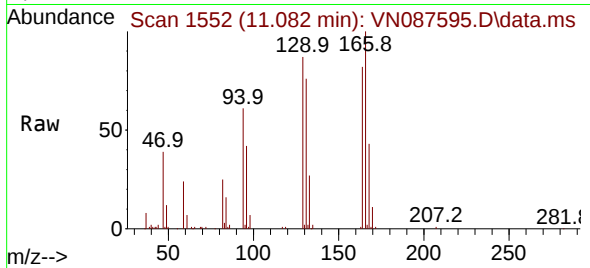
Tgt Ion: 95 Resp: 154527
Ion Ratio Lower Upper
95 100
174 68.3 52.3 78.5
176 65.2 49.8 74.8





#61
Tetrachloroethene
Concen: 18.157 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

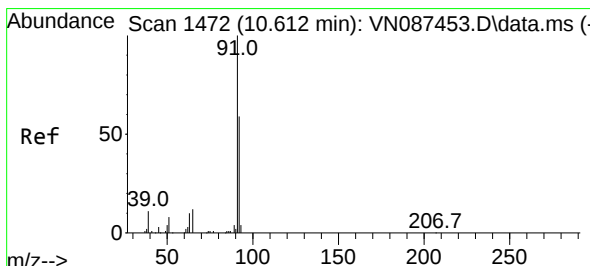
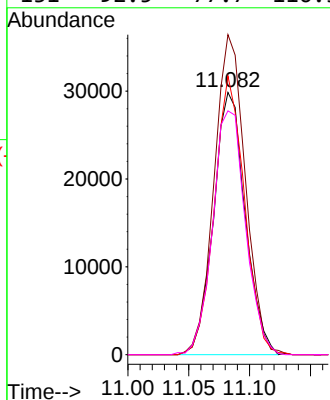
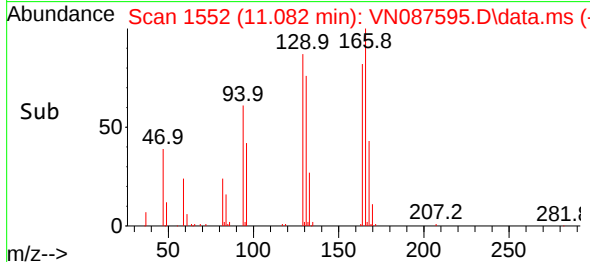
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



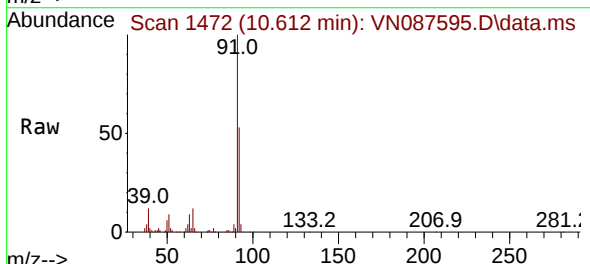
Tgt Ion:164 Resp: 53978
Ion Ratio Lower Upper
164 100
166 122.0 105.4 158.0
129 106.2 87.7 131.5
131 92.5 77.7 116.5

Manual Integrations
APPROVED

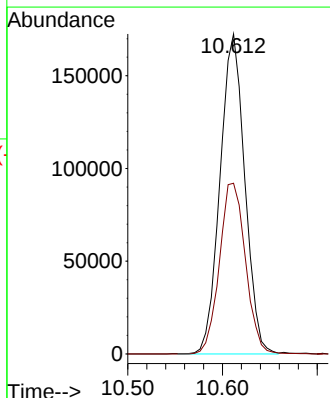
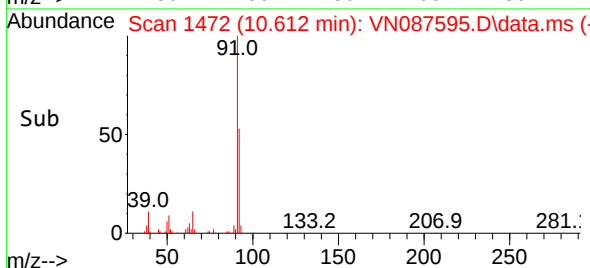
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025

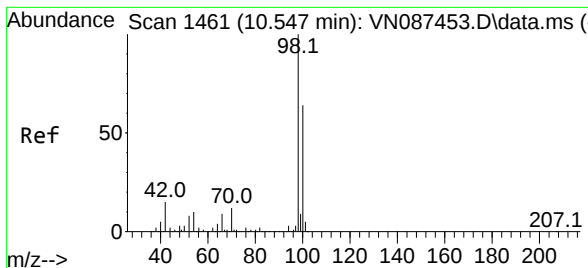


#62
Toluene
Concen: 16.636 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29



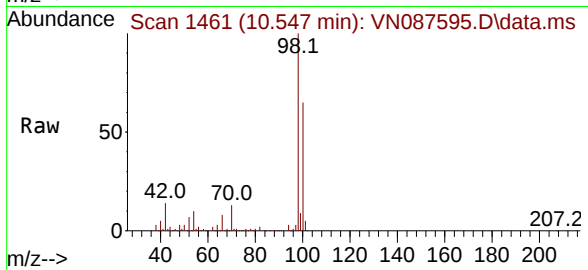
Tgt Ion: 91 Resp: 313316
Ion Ratio Lower Upper
91 100
92 56.2 45.8 68.6





#63
Toluene-d8
Concen: 29.636 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

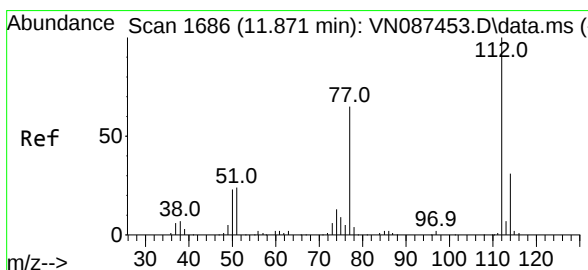
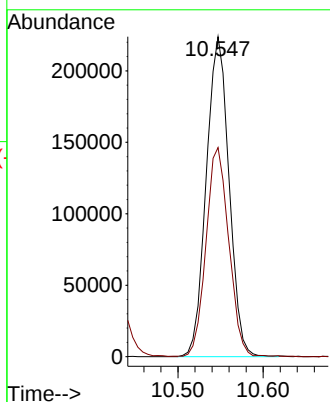
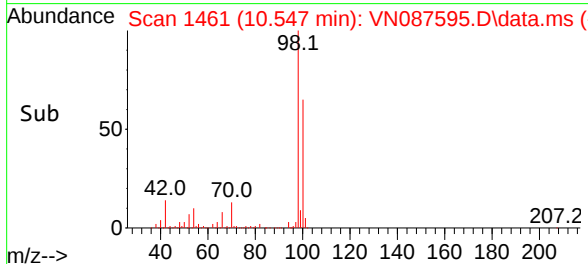
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



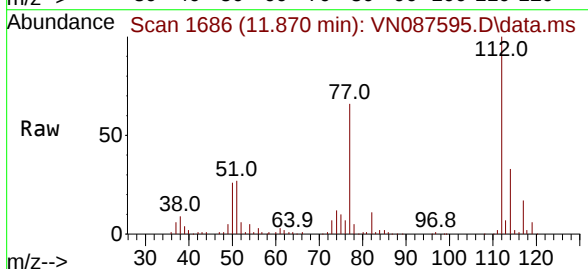
Tgt Ion: 98 Resp: 41610
Ion Ratio Lower Upper
98 100
100 65.1 50.5 75.7

Manual Integrations
APPROVED

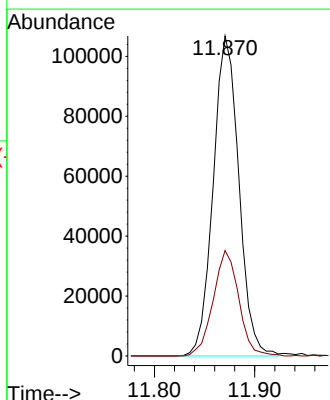
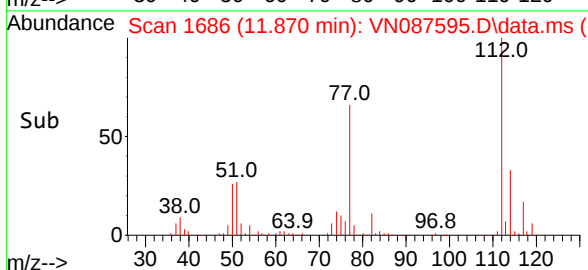
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025

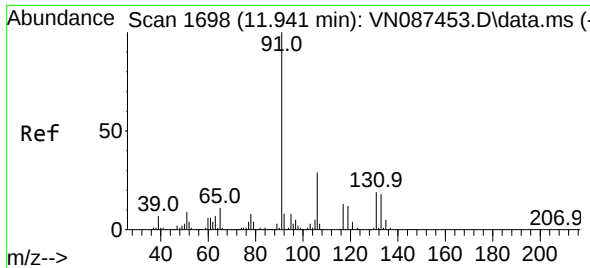


#64
Chlorobenzene
Concen: 16.390 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29



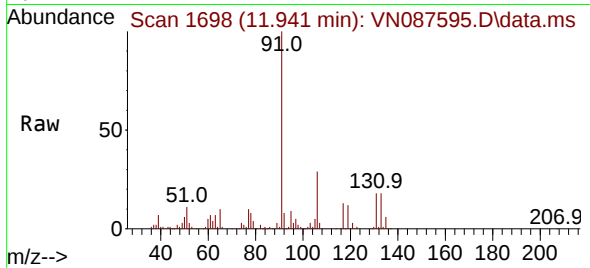
Tgt Ion:112 Resp: 189671
Ion Ratio Lower Upper
112 100
114 33.0 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 15.566 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

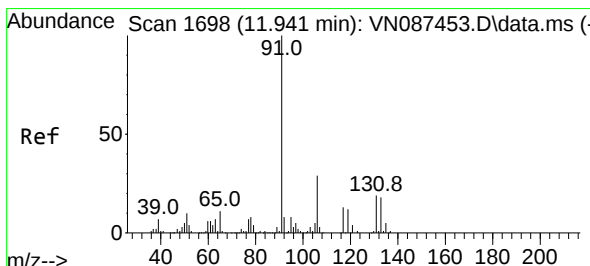
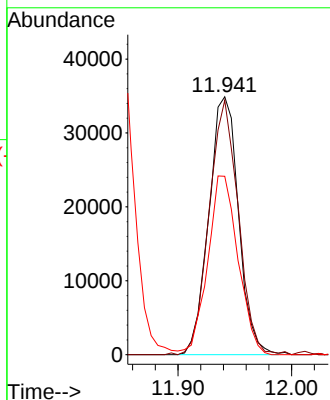
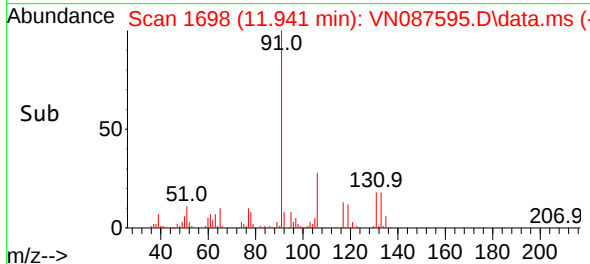
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



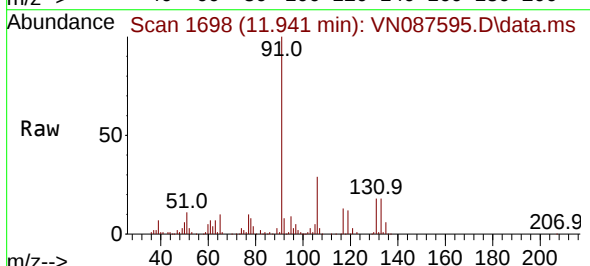
Tgt Ion:131 Resp: 6333
Ion Ratio Lower Upper
131 100
133 96.8 0.0 189.8
119 70.7 0.0 133.2

Manual Integrations
APPROVED

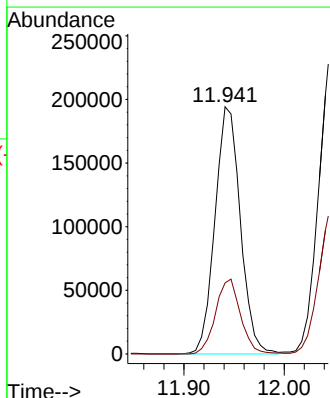
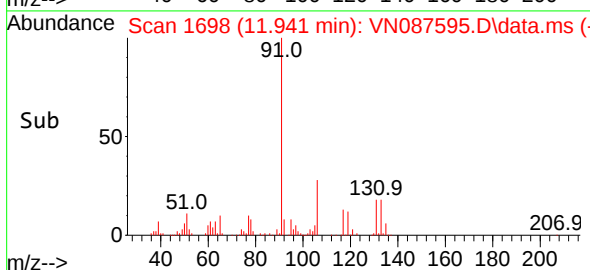
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025

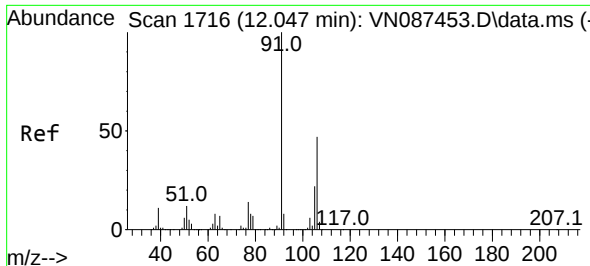


#66
Ethyl Benzene
Concen: 16.272 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29



Tgt Ion: 91 Resp: 341563
Ion Ratio Lower Upper
91 100
106 28.8 22.9 34.3





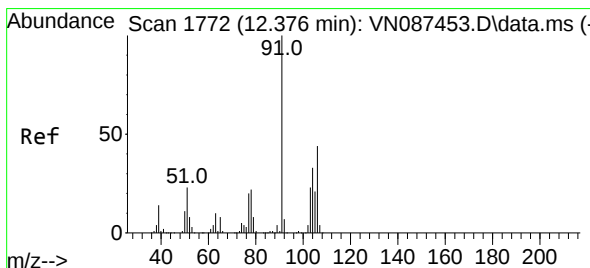
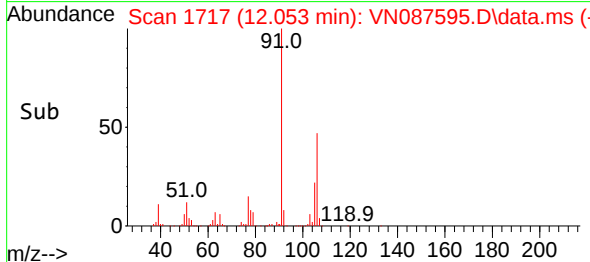
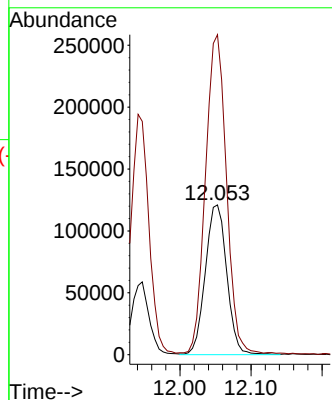
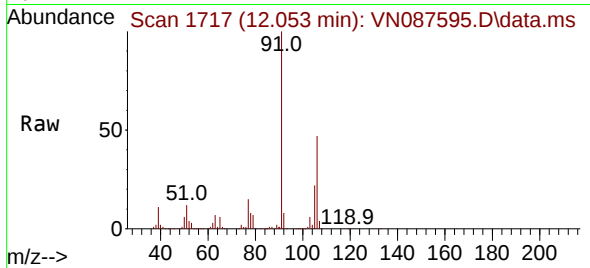
#67
m/p-Xylenes
Concen: 33.029 ug/l
RT: 12.053 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 25449
Ion Ratio Lower Upper
106 100
91 206.6 174.2 261.2

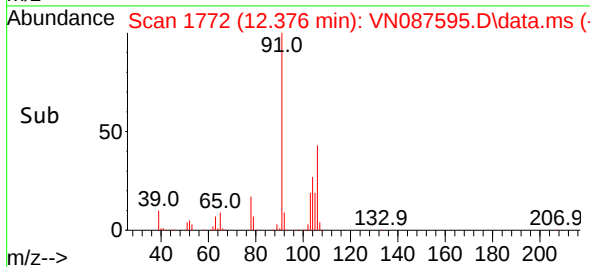
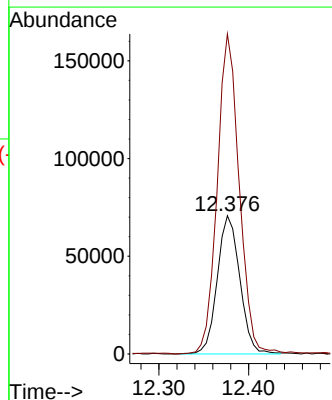
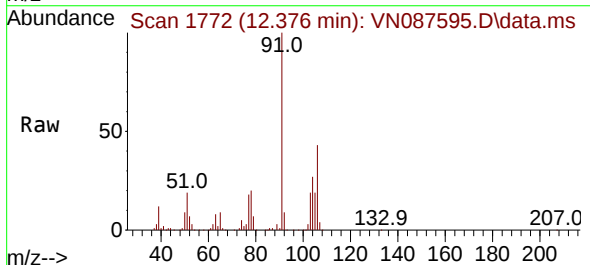
Manual Integrations
APPROVED

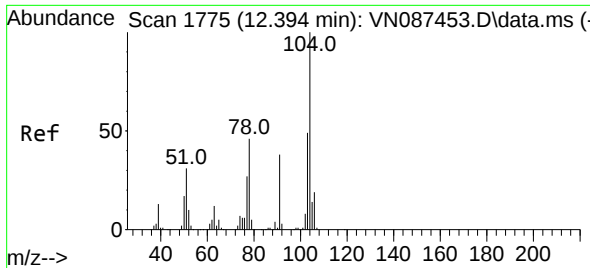
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#68
o-Xylene
Concen: 16.286 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

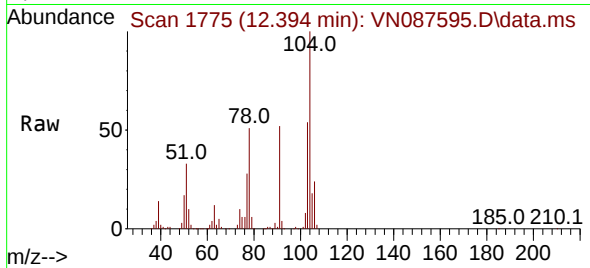
Tgt Ion:106 Resp: 123451
Ion Ratio Lower Upper
106 100
91 225.9 114.5 343.5





#69
Styrene
Concen: 16.046 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

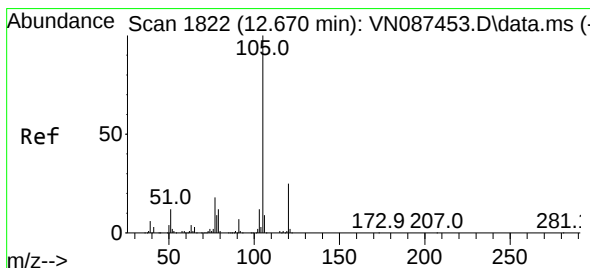
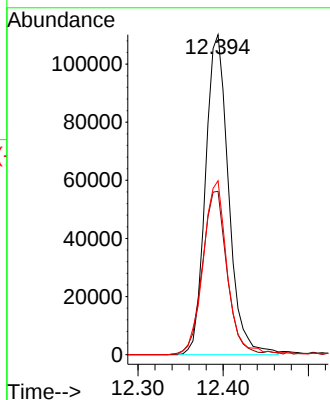
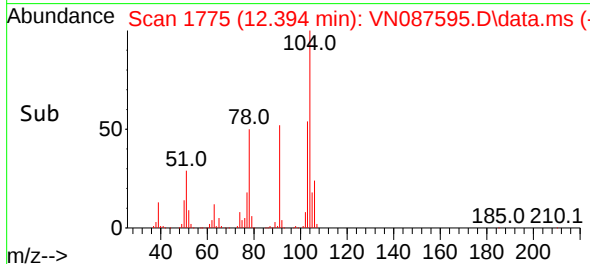
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



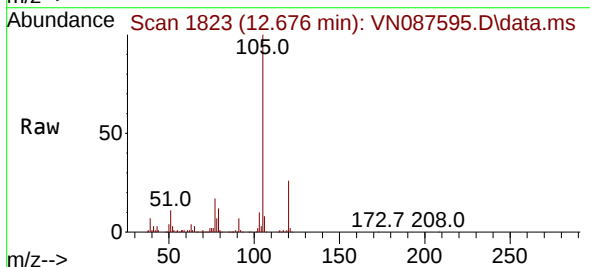
Tgt Ion:104 Resp: 207684
Ion Ratio Lower Upper
104 100
78 54.3 43.8 65.8
103 55.6 43.1 64.7

Manual Integrations
APPROVED

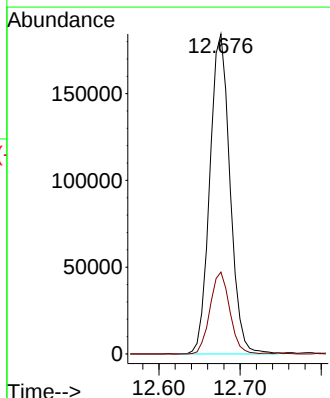
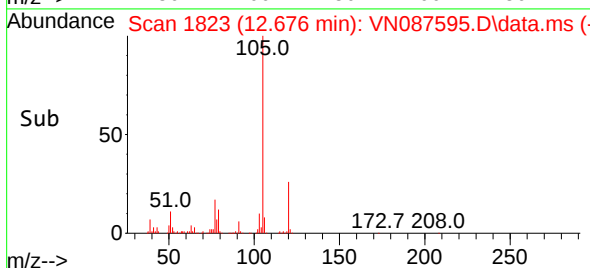
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025

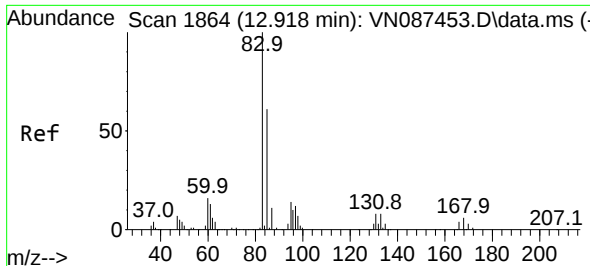


#70
Isopropylbenzene
Concen: 16.562 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29



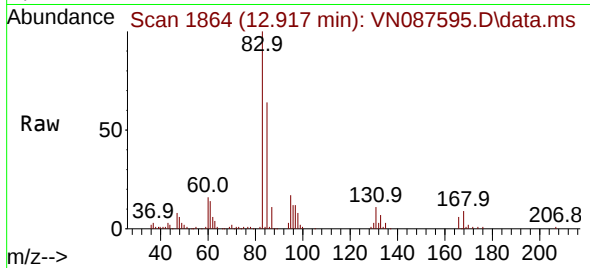
Tgt Ion:105 Resp: 318953
Ion Ratio Lower Upper
105 100
120 24.9 17.5 32.5





#71
1,1,2,2-Tetrachloroethane
Concen: 16.274 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

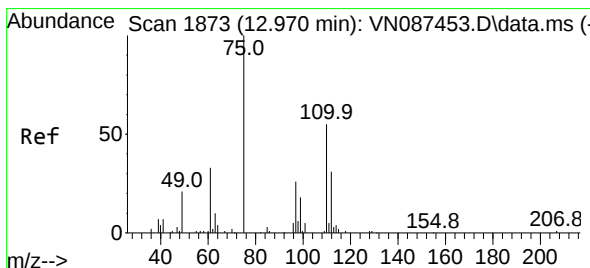
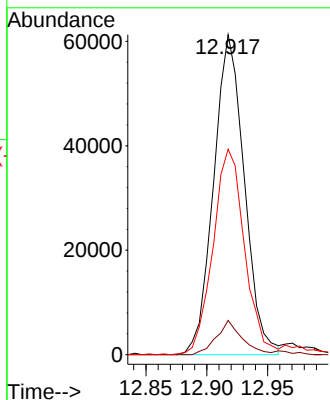
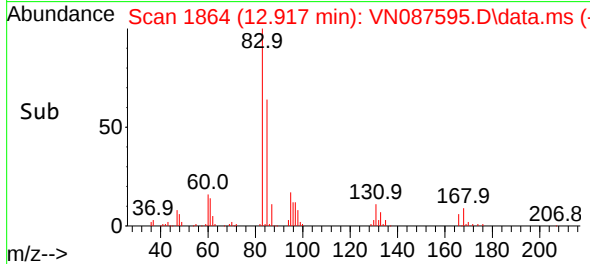
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



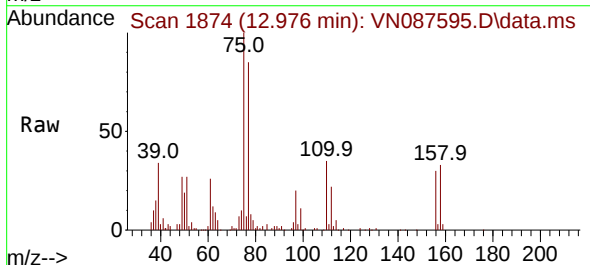
Tgt Ion: 83 Resp: 107388
Ion Ratio Lower Upper
83 100
131 9.0 4.8 14.3
85 65.9 31.7 95.1

Manual Integrations
APPROVED

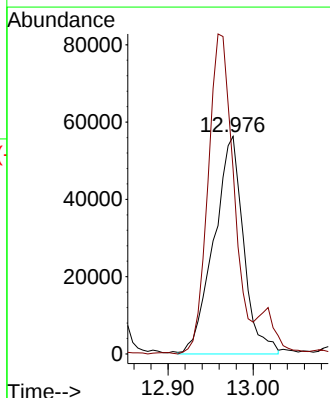
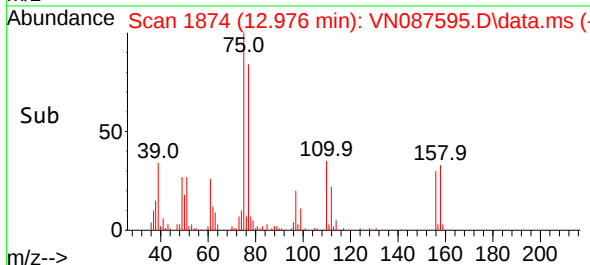
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025

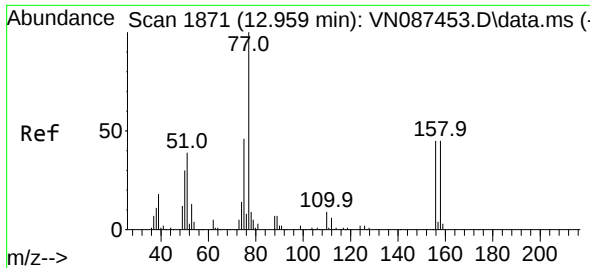


#72
1,2,3-Trichloropropane
Concen: 22.169 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29



Tgt Ion: 75 Resp: 136278
Ion Ratio Lower Upper
75 100
77 127.4 0.0 385.0





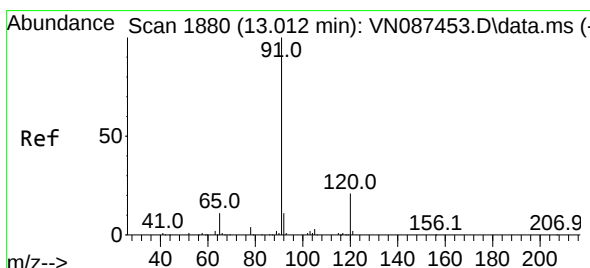
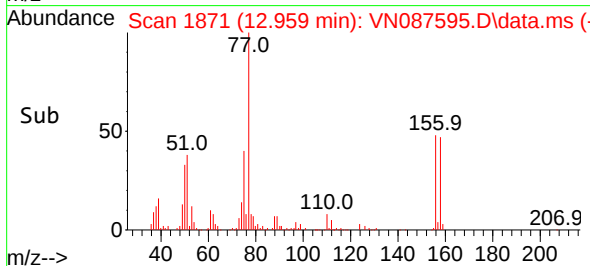
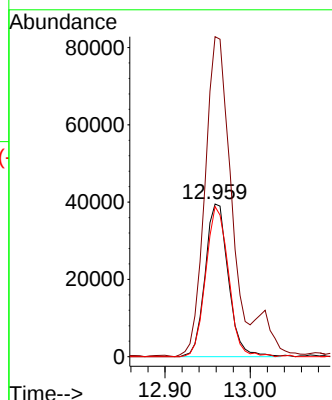
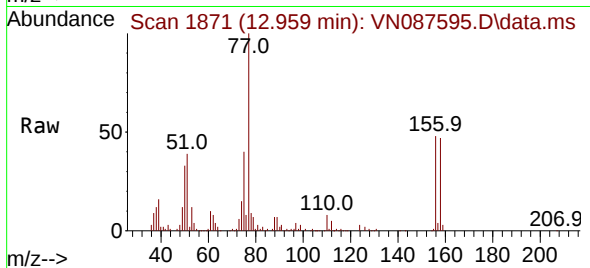
#73
Bromobenzene
Concen: 16.760 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:156 Resp: 74829
Ion Ratio Lower Upper
156 100
77 232.0 0.0 506.6
158 95.6 0.0 193.6

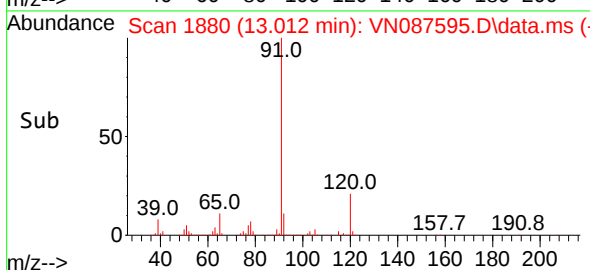
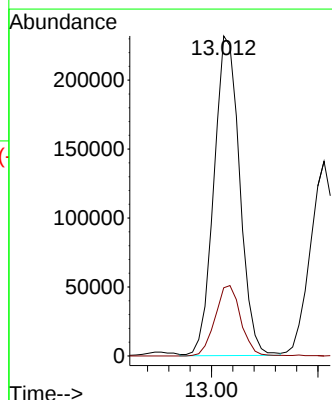
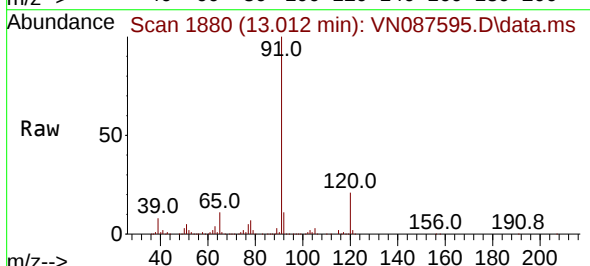
Manual Integrations
APPROVED

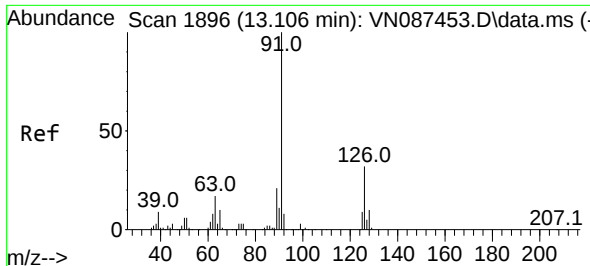
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#74
n-propylbenzene
Concen: 16.171 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

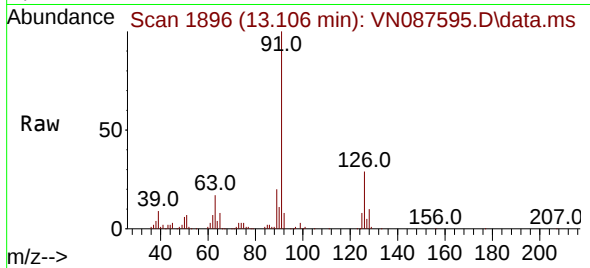
Tgt Ion: 91 Resp: 388929
Ion Ratio Lower Upper
91 100
120 21.9 0.0 41.8





#75
2-Chlorotoluene
Concen: 16.075 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

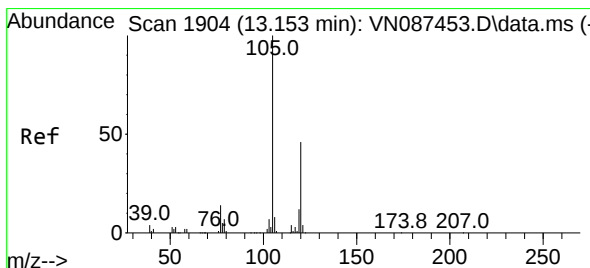
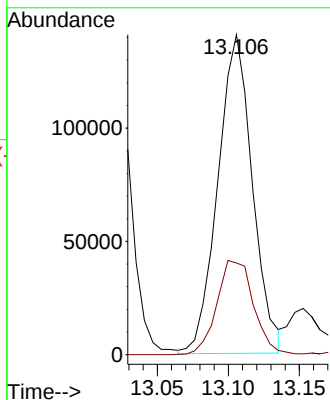
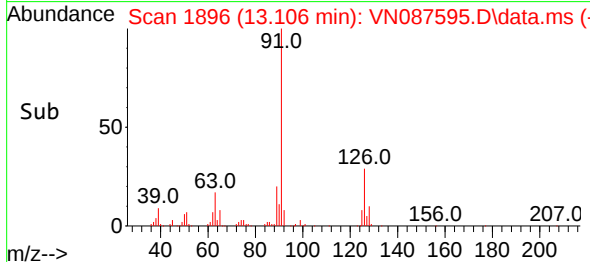
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



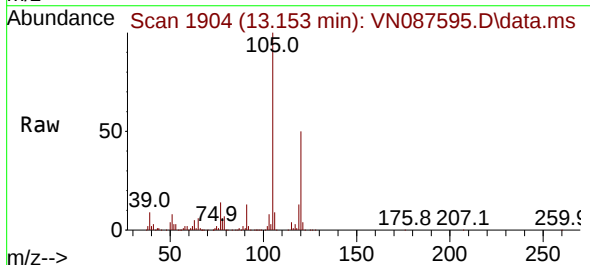
Tgt Ion: 91 Resp: 237825
Ion Ratio Lower Upper
91 100
126 31.5 0.0 60.4

Manual Integrations
APPROVED

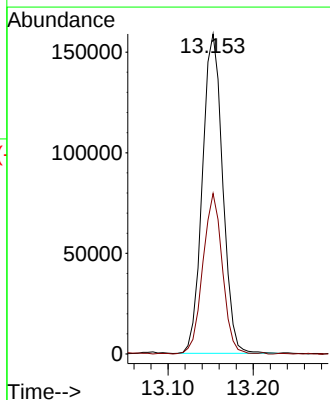
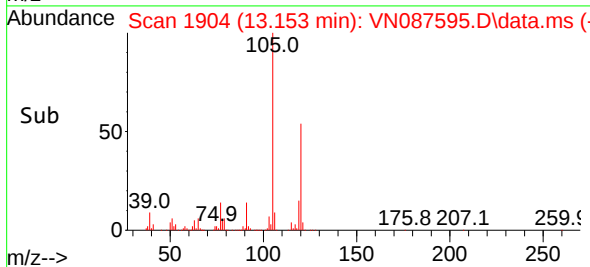
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025

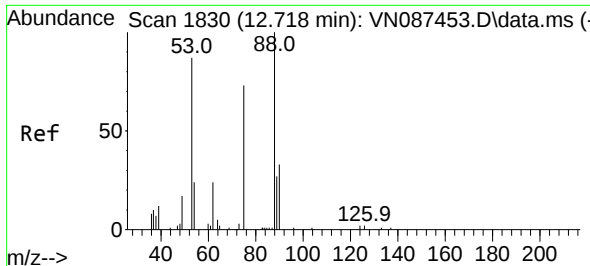


#76
1,3,5-Trimethylbenzene
Concen: 15.879 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29



Tgt Ion:105 Resp: 261835
Ion Ratio Lower Upper
105 100
120 48.6 0.0 91.2





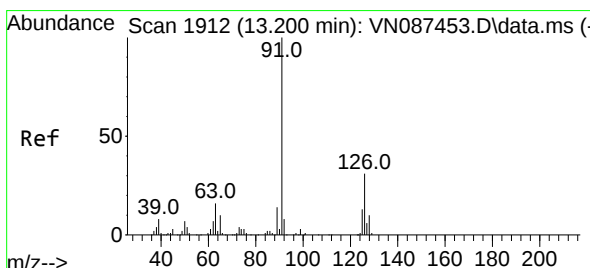
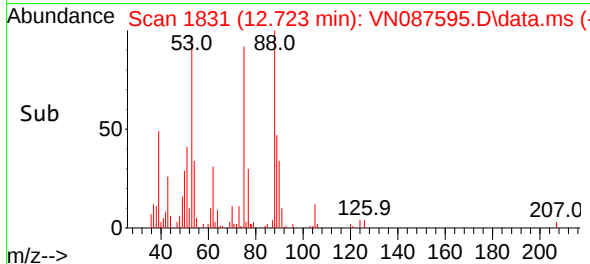
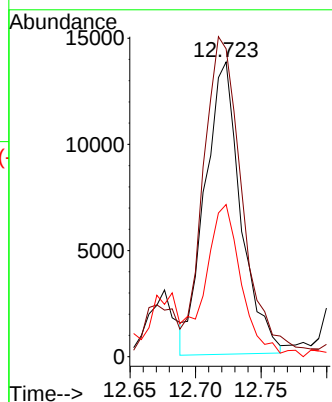
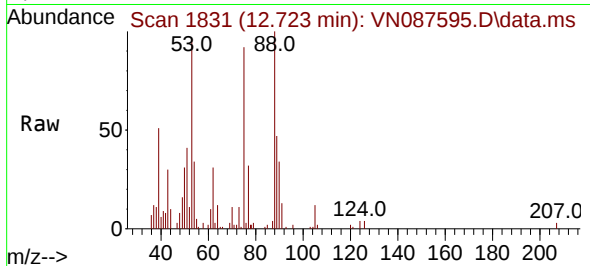
#77
t-1,4-Dichloro-2-butene
Concen: 11.236 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 26140
Ion Ratio Lower Upper
75 100
53 101.2 59.0 176.8
89 52.3 22.1 66.5

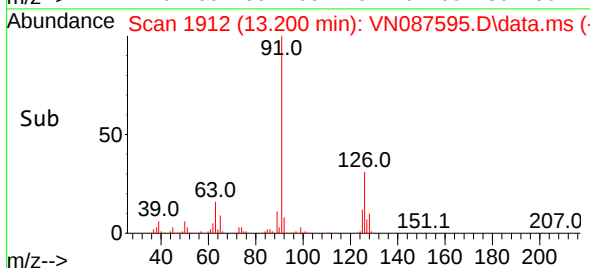
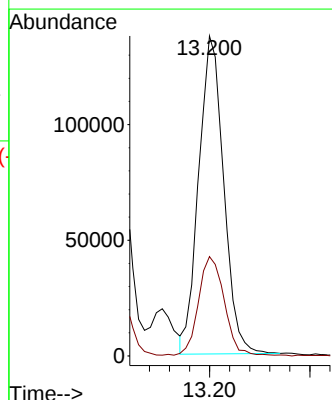
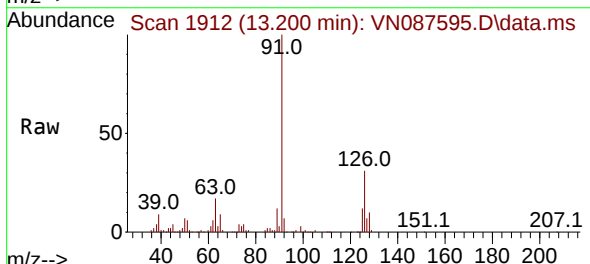
Manual Integrations
APPROVED

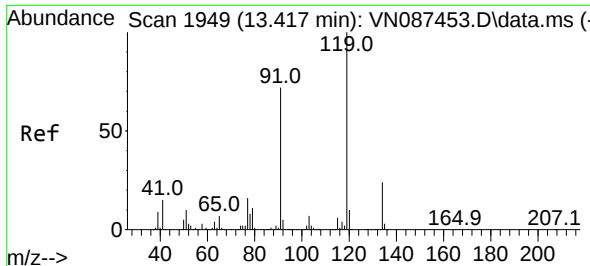
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#78
4-Chlorotoluene
Concen: 15.854 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

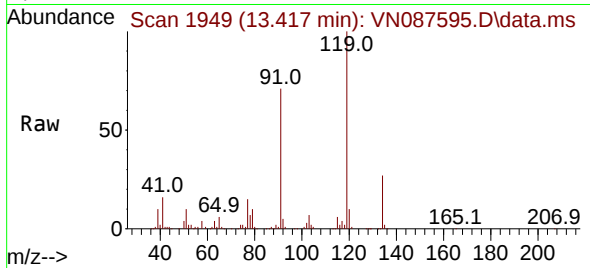
Tgt Ion: 91 Resp: 237691
Ion Ratio Lower Upper
91 100
126 32.5 0.0 63.2





#79
tert-butylbenzene
Concen: 16.054 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

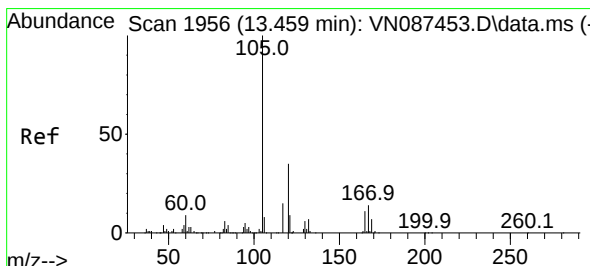
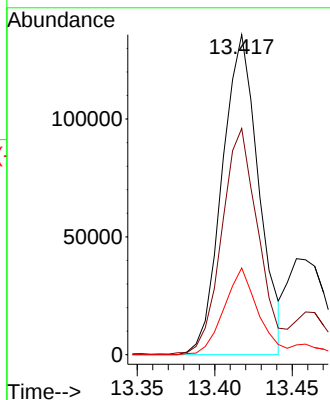
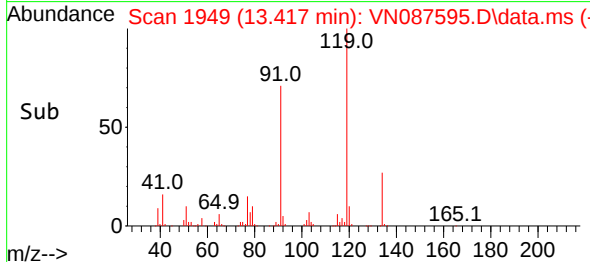
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



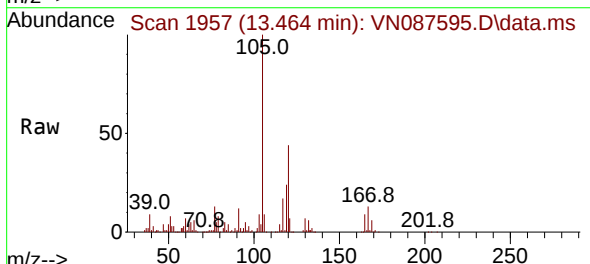
Tgt Ion:119 Resp: 223192
Ion Ratio Lower Upper
119 100
91 70.8 0.0 141.6
134 25.0 0.0 45.6

Manual Integrations
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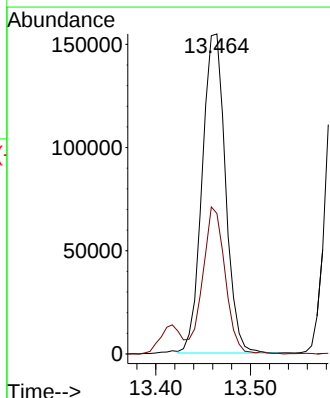
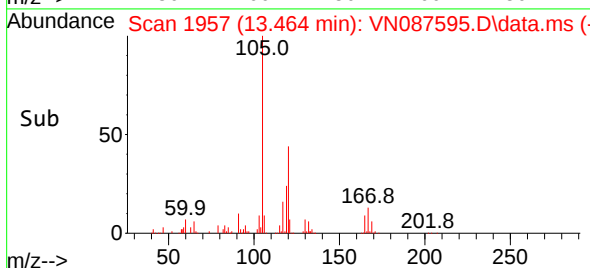
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025

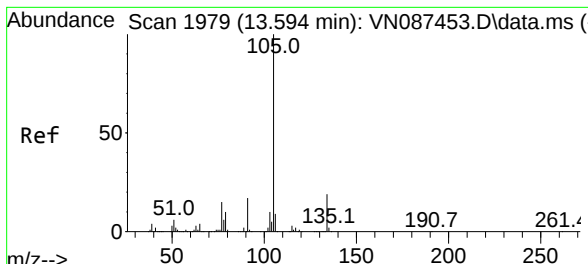


#80
1,2,4-Trimethylbenzene
Concen: 16.011 ug/l
RT: 13.464 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29



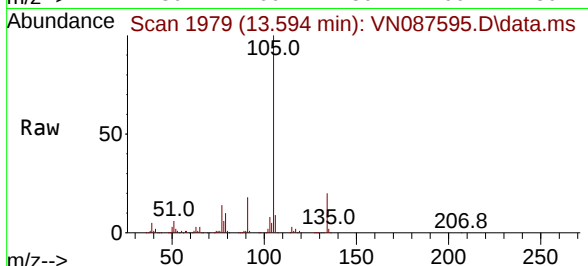
Tgt Ion:105 Resp: 263816
Ion Ratio Lower Upper
105 100
120 43.8 0.0 87.2





#81
 sec-Butylbenzene
 Concen: 16.035 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087595.D
 Acq: 18 Aug 2025 09:29

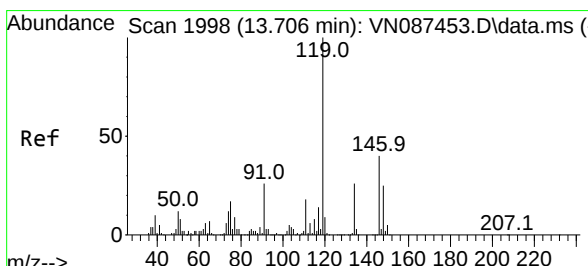
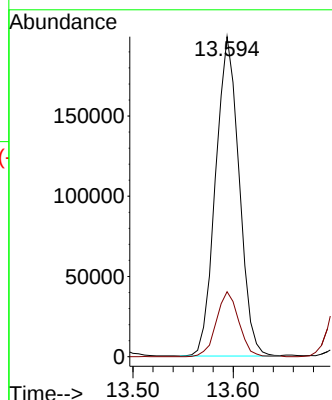
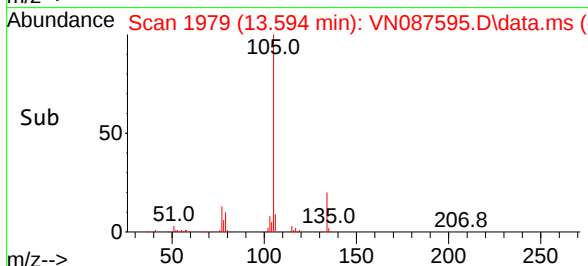
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



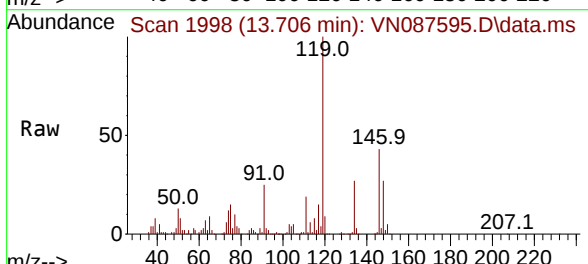
Tgt Ion:105 Resp: 32453
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 37.6

Manual Integrations
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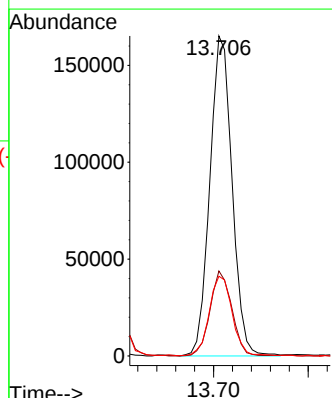
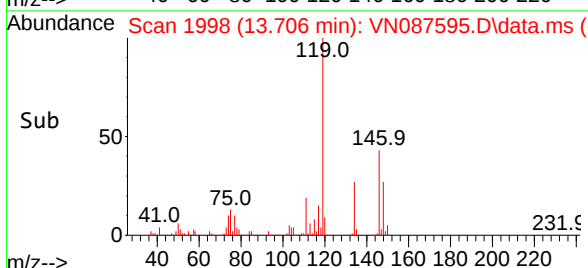
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/20/2025

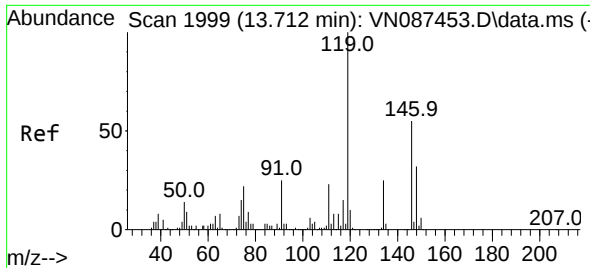


#82
 p-Isopropyltoluene
 Concen: 16.038 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087595.D
 Acq: 18 Aug 2025 09:29



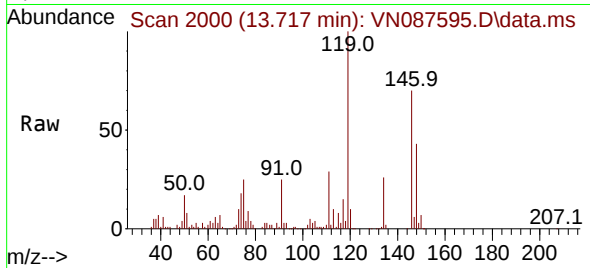
Tgt Ion:119 Resp: 269511
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.4
 91 25.6 0.0 52.0





#83
 1,3-Dichlorobenzene
 Concen: 16.816 ug/l
 RT: 13.717 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VN087595.D
 Acq: 18 Aug 2025 09:29

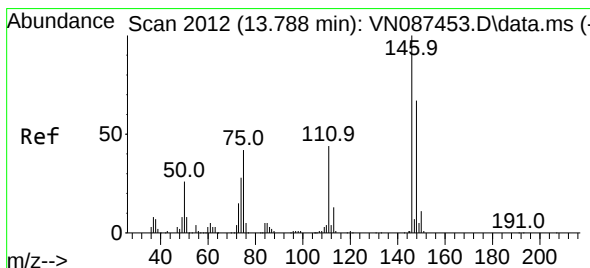
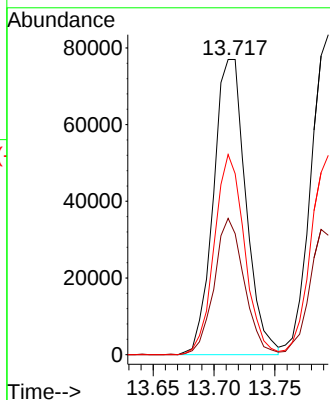
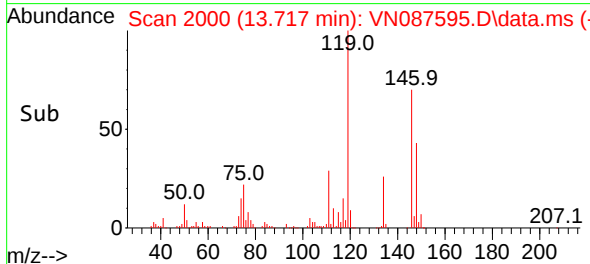
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



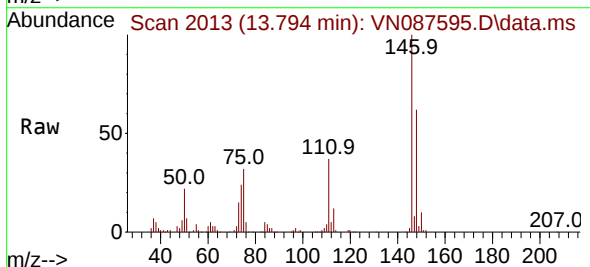
Tgt Ion:146 Resp: 142958
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.9 65.5
 148 63.2 31.3 93.9

Manual Integrations
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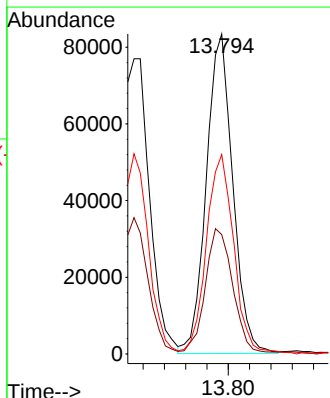
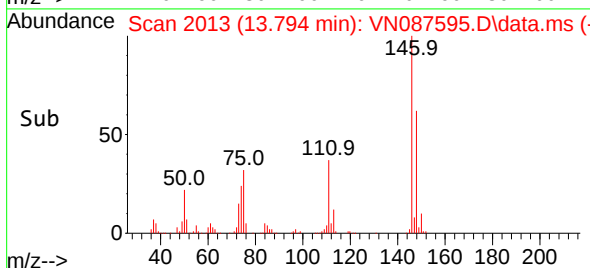
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/20/2025

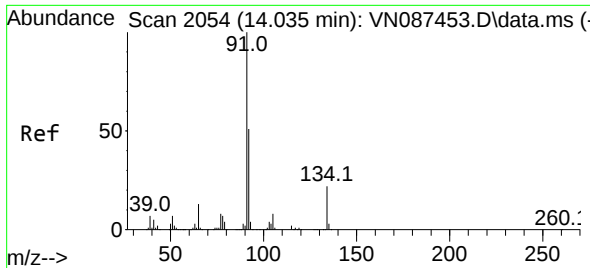


#84
 1,4-Dichlorobenzene
 Concen: 16.731 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.006 min
 Lab File: VN087595.D
 Acq: 18 Aug 2025 09:29



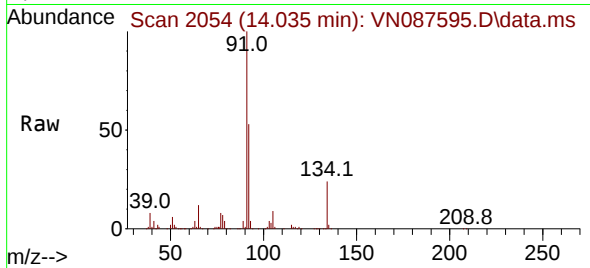
Tgt Ion:146 Resp: 144207
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.1 63.1
 148 64.6 31.4 94.3





#85
n-Butylbenzene
Concen: 15.916 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

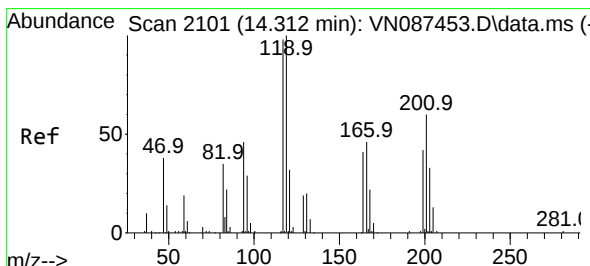
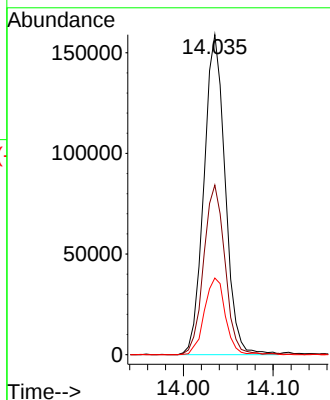
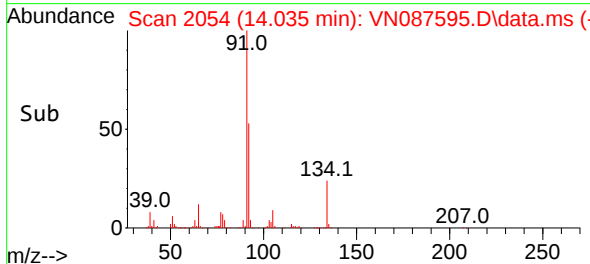
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



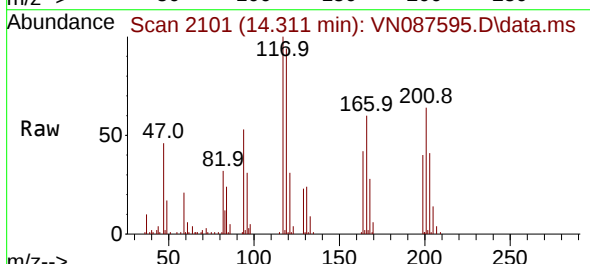
Tgt Ion: 91 Resp: 26168
Ion Ratio Lower Upper
91 100
92 52.9 0.0 106.6
134 23.1 0.0 44.4

Manual Integrations
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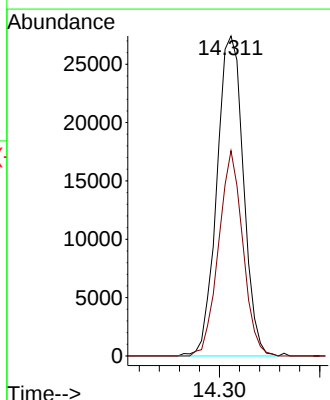
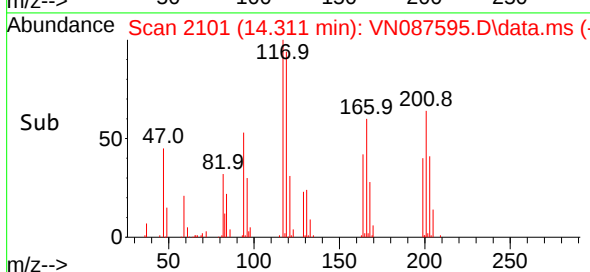
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025

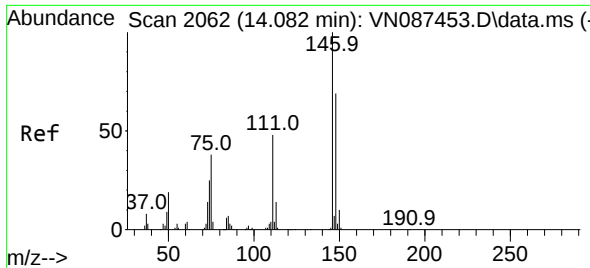


#86
Hexachloroethane
Concen: 15.359 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29



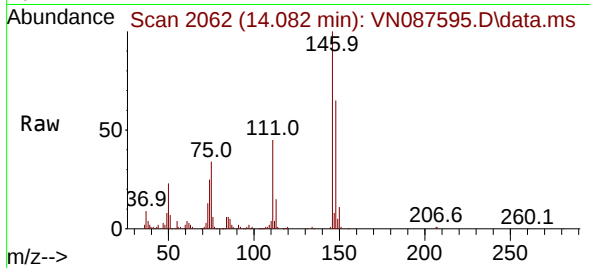
Tgt Ion:117 Resp: 50403
Ion Ratio Lower Upper
117 100
201 58.6 29.1 87.4





#87
1,2-Dichlorobenzene
Concen: 16.868 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

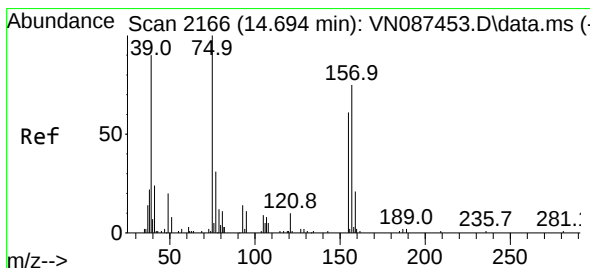
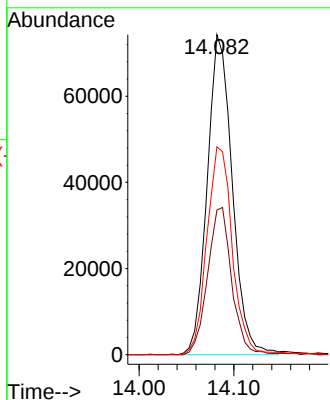
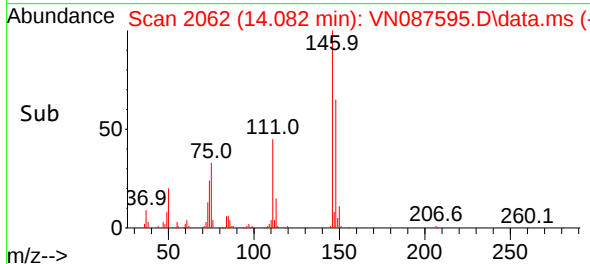
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



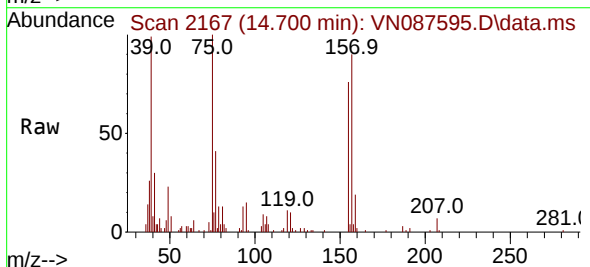
Tgt Ion:146 Resp: 13688
Ion Ratio Lower Upper
146 100
111 44.1 22.9 68.7
148 66.0 31.6 94.7

Manual Integrations
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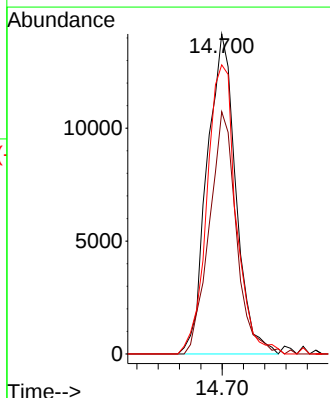
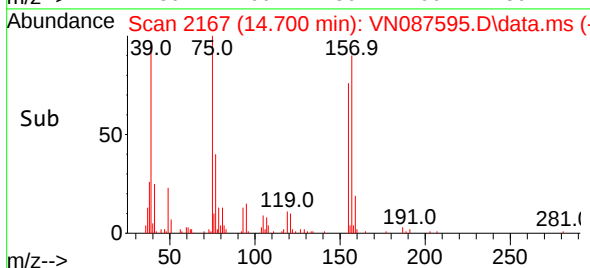
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025

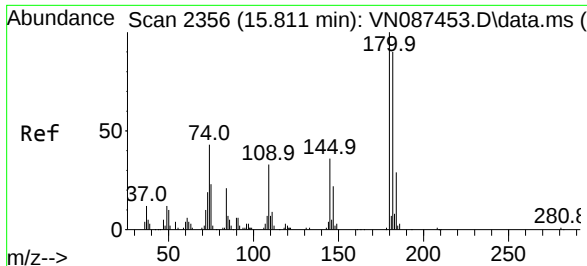


#88
1,2-Dibromo-3-Chloropropane
Concen: 15.843 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29



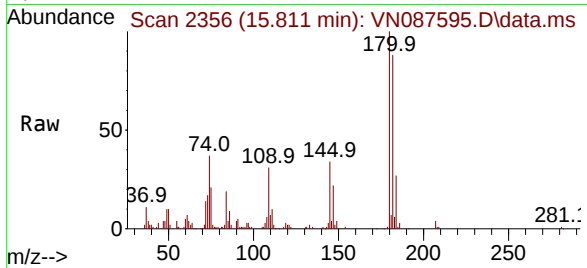
Tgt Ion: 75 Resp: 26484
Ion Ratio Lower Upper
75 100
155 71.3 55.7 83.5
157 91.5 65.8 98.6





#89
1,2,4-Trichlorobenzene
Concen: 16.485 ug/l
RT: 15.811 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

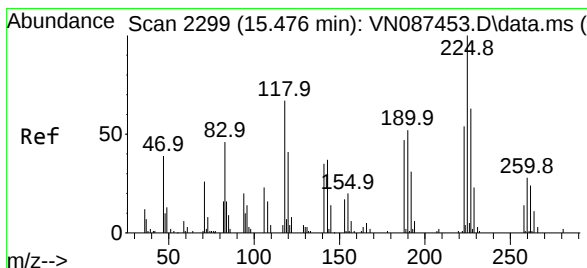
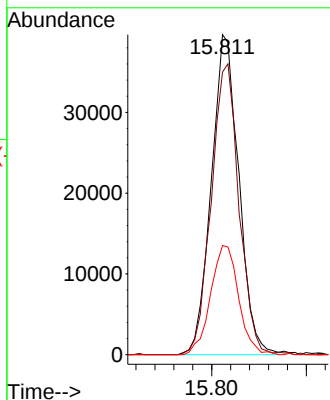
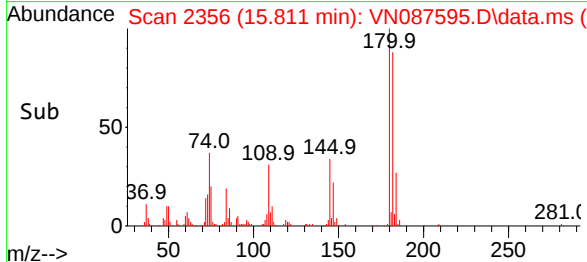
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



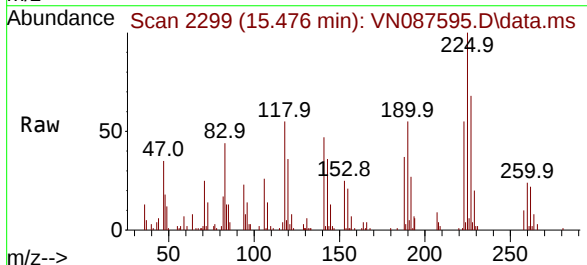
Tgt Ion:180 Resp: 79949
Ion Ratio Lower Upper
180 100
182 91.2 75.0 112.4
145 34.5 28.6 43.0

Manual Integrations
APPROVED

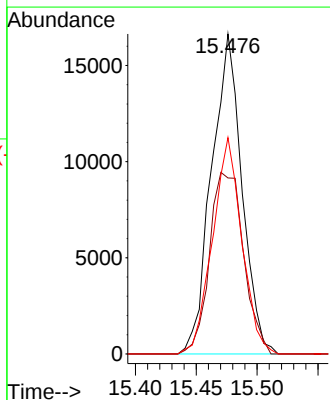
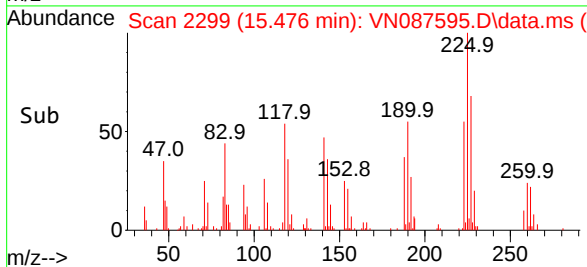
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025

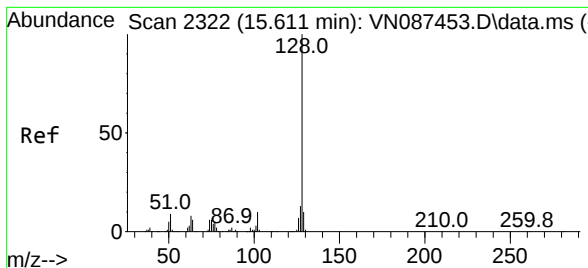


#90
Hexachlorobutadiene
Concen: 15.291 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29



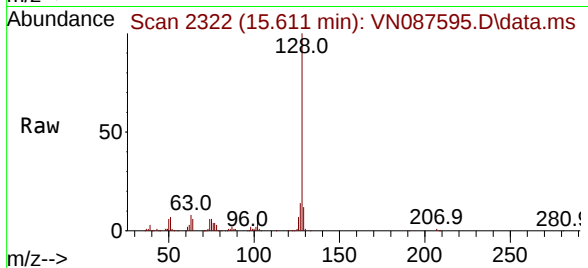
Tgt Ion:225 Resp: 28836
Ion Ratio Lower Upper
225 100
223 63.8 0.0 116.0
227 65.2 0.0 127.0





#91
Naphthalene
Concen: 16.148 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29

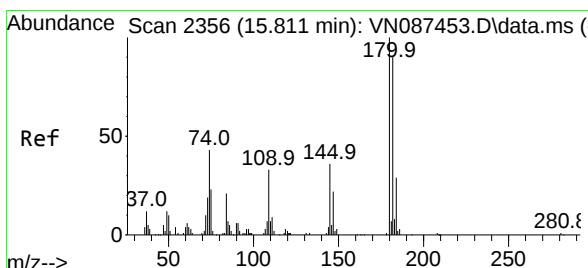
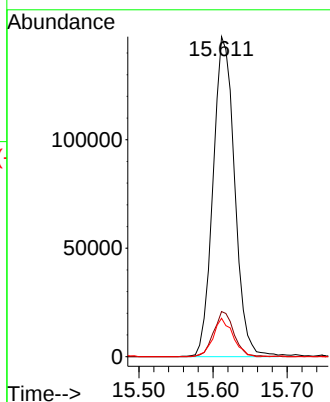
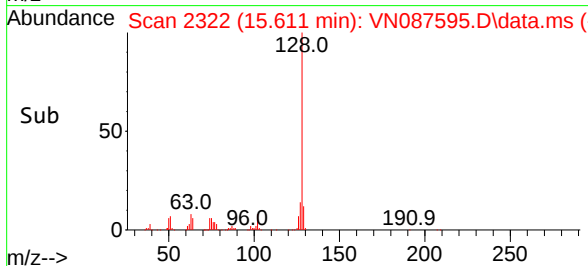
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



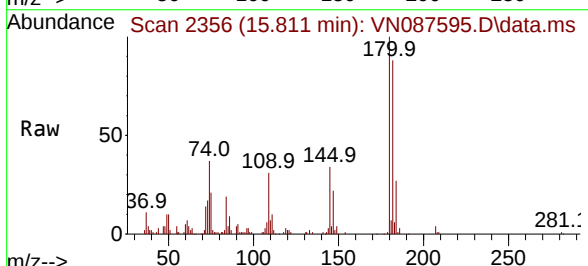
Tgt Ion:128 Resp: 298615
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.1 8.9 13.3

Manual Integrations
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Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/20/2025



#92
1,2,3-Trichlorobenzene
Concen: 16.485 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087595.D
Acq: 18 Aug 2025 09:29



Tgt Ion:180 Resp: 79949
Ion Ratio Lower Upper
180 100
182 91.2 0.0 187.4
145 34.5 0.0 71.6

