

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
 Data File : VN087605.D
 Acq On : 20 Aug 2025 10:05
 Operator : JC\MD
 Sample : VN0820WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/21/2025
 Supervised By : Mahesh Dadoda 08/22/2025

Quant Time: Aug 21 02:40:05 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	7.794	128	48921	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	271057	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	242169	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	130061	28.824	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.067%		
60) 4-Bromofluorobenzene	12.829	95	122826	29.472	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.233%		
63) Toluene-d8	10.547	98	337745	30.311	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.033%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.148	85	54806	17.159	ug/l	91
3) Chloromethane	2.389	50	54715	16.697	ug/l	98
4) Vinyl Chloride	2.542	62	60191	17.318	ug/l	98
5) Bromomethane	2.983	94	28357	15.073	ug/l	80
6) Chloroethane	3.142	64	41758	18.631	ug/l	90
7) Trichlorofluoromethane	3.512	101	93661	18.724	ug/l	99
8) Diethyl Ether	3.965	74	37278	17.888	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	49104	19.250	ug/l	93
10) 1,1-Dichloroethene	4.330	96	50535	18.861	ug/l	78
11) Methyl Iodide	4.577	142	27454	13.013	ug/l	93
12) Methyl Acetate	5.012	43	92759	18.760	ug/l	99
13) Acrolein	4.177	56	83412	110.453	ug/l	95
14) Acrylonitrile	5.712	53	180058	83.397	ug/l	98
15) Acetone	4.424	58	56363	91.365	ug/l	95
16) Carbon Disulfide	4.700	76	132321	15.921	ug/l #	95
17) Allyl chloride	5.018	41	88047	16.122	ug/l	95
18) Methylene Chloride	5.271	84	59797	17.336	ug/l	87
19) trans-1,2-Dichloroethene	5.771	96	54435	17.084	ug/l	96
20) Diisopropyl ether	6.665	45	196398	15.786	ug/l #	96
21) 1,1-Dichloroethane	6.547	63	109101	16.965	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	66738	17.023	ug/l	98
23) tert-Butyl Alcohol	5.530	59	72110	78.599	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	200487	16.421	ug/l	97
25) Chloroform	7.947	83	115264	17.171	ug/l	95
26) Cyclohexane	8.241	56	83585	16.234	ug/l #	96
29) 1,1-Dichloropropene	8.353	75	73910	16.718	ug/l	98
30) 2-Butanone	7.471	43	256451	78.696	ug/l	98
31) 2,2-Dichloropropane	7.477	77	96478	16.920	ug/l #	82
32) 1,1,1-Trichloroethane	8.153	97	96650	17.141	ug/l	97
33) Carbon Tetrachloride	8.341	117	78991	16.863	ug/l	98
34) Benzene	8.594	78	235531	16.877	ug/l #	94
35) Methacrylonitrile	7.765	41	57754	16.423	ug/l	94
36) 1,2-Dichloroethane	8.653	62	91178	16.165	ug/l	99
37) Trichloroethene	9.335	130	55241	17.970	ug/l	86
38) Methylcyclohexane	9.582	83	82772	16.139	ug/l	97
39) 1,2-Dichloropropane	9.606	63	62533	17.477	ug/l	96
40) Dibromomethane	9.688	93	44233	16.476	ug/l	93
41) Bromodichloromethane	9.871	83	93249	16.716	ug/l	95
42) Vinyl Acetate	6.588	43	840820	78.349	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
 Data File : VN087605.D
 Acq On : 20 Aug 2025 10:05
 Operator : JC\MD
 Sample : VN0820WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

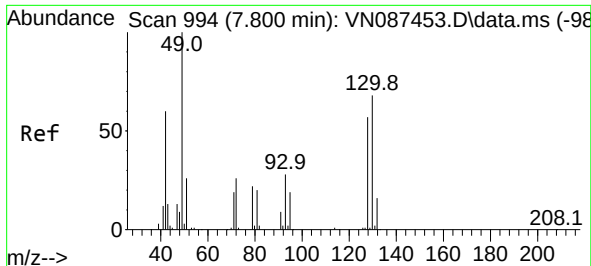
Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/21/2025
 Supervised By : Mahesh Dadoda 08/22/2025

Quant Time: Aug 21 02:40:05 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)
43) Ethyl Acetate	7.553	43	103998	16.519	ug/l	98
44) Isopropyl Acetate	8.671	43	165392	15.498	ug/l	99
45) 1,4-Dioxane	9.682	88	22102	324.880	ug/l	98
46) Methyl methacrylate	9.665	41	76903	15.266	ug/l	97
47) n-amyl Acetate	12.682	43	113093m	19.184	ug/l	
48) t-1,3-Dichloropropene	10.818	75	91849	15.134	ug/l	95
49) cis-1,3-Dichloropropene	10.294	75	99143	16.232	ug/l	96
50) 1,1,2-Trichloroethane	11.000	97	58841	17.347	ug/l	96
51) Ethyl methacrylate	10.859	69	89379	14.962	ug/l	98
52) 1,3-Dichloropropane	11.141	76	101417	16.596	ug/l	99
53) Dibromochloromethane	11.335	129	63833	16.295	ug/l	97
54) 1,2-Dibromoethane	11.453	107	57883	16.075	ug/l	96
55) 2-Chloroethyl vinyl ether	10.141	63	222919	70.886	ug/l	99
56) Bromoform	12.559	173	40525	15.641	ug/l #	95
58) 4-Methyl-2-Pentanone	10.429	43	520898	83.615	ug/l	99
59) 2-Hexanone	11.182	43	312499	73.828	ug/l	98
61) Tetrachloroethene	11.088	164	43110	18.272	ug/l	88
62) Toluene	10.612	91	255291	17.080	ug/l	100
64) Chlorobenzene	11.870	112	159796	17.399	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.941	131	53594	16.597	ug/l	98
66) Ethyl Benzene	11.941	91	282608	16.964	ug/l	100
67) m/p-Xylenes	12.053	106	203075	33.209	ug/l	97
68) o-Xylene	12.376	106	100118	16.642	ug/l	97
69) Styrene	12.394	104	170668	16.614	ug/l	97
70) Isopropylbenzene	12.676	105	256340	16.772	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.917	83	91997	17.567	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	82122m	16.833	ug/l	
73) Bromobenzene	12.964	156	59767	16.868	ug/l	95
74) n-propylbenzene	13.012	91	320559	16.794	ug/l	100
75) 2-Chlorotoluene	13.106	91	192755	16.417	ug/l	94
76) 1,3,5-Trimethylbenzene	13.153	105	216441	16.539	ug/l	100
77) t-1,4-Dichloro-2-butene	12.717	75	26214	14.194	ug/l	93
78) 4-Chlorotoluene	13.200	91	197491	16.598	ug/l	99
79) tert-butylbenzene	13.417	119	184651	16.736	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	217282	16.616	ug/l	99
81) sec-Butylbenzene	13.594	105	279625	17.409	ug/l	98
82) p-Isopropyltoluene	13.706	119	222802	16.706	ug/l	99
83) 1,3-Dichlorobenzene	13.711	146	116038	17.199	ug/l	97
84) 1,4-Dichlorobenzene	13.794	146	116929	17.094	ug/l	100
85) n-Butylbenzene	14.035	91	218590	16.752	ug/l	99
86) Hexachloroethane	14.311	117	42428	16.291	ug/l	100
87) 1,2-Dichlorobenzene	14.088	146	109929	17.069	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	21132	15.929	ug/l	94
89) 1,2,4-Trichlorobenzene	15.811	180	63782	16.571	ug/l	97
90) Hexachlorobutadiene	15.470	225	23909	15.975	ug/l	90
91) Naphthalene	15.617	128	241140	16.431	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	63782	16.571	ug/l	97

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



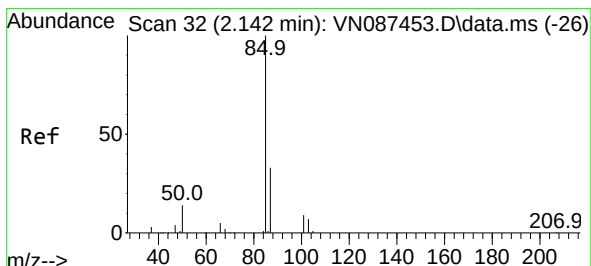
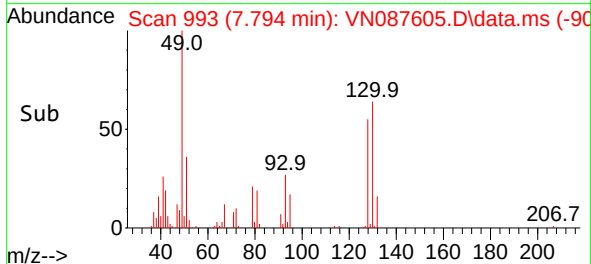
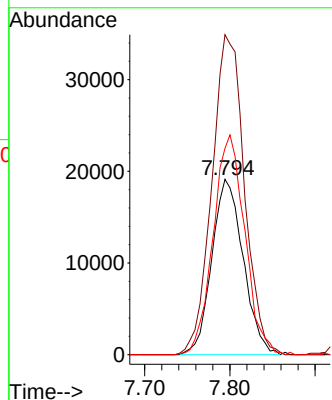
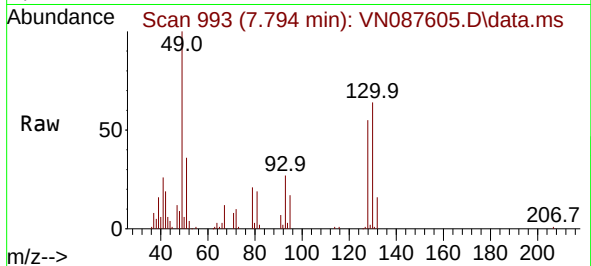
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tgt Ion:128 Resp: 4892
Ion Ratio Lower Upper
128 100
49 189.3 0.0 494.8
130 126.5 0.0 321.5

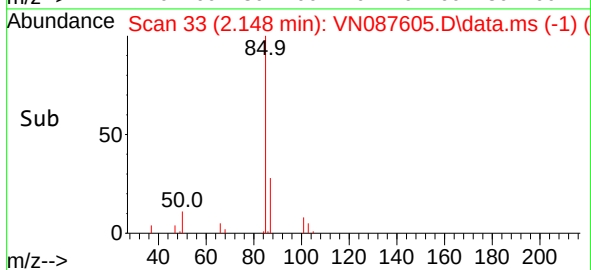
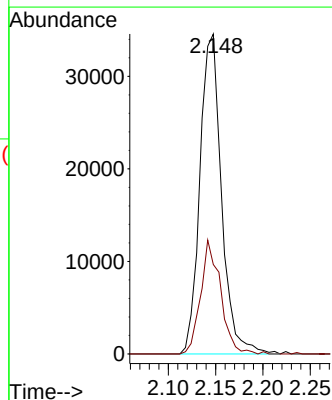
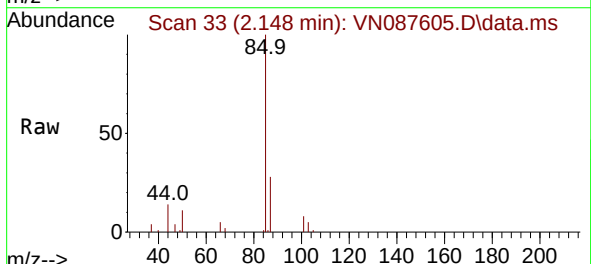
Manual Integrations
APPROVED

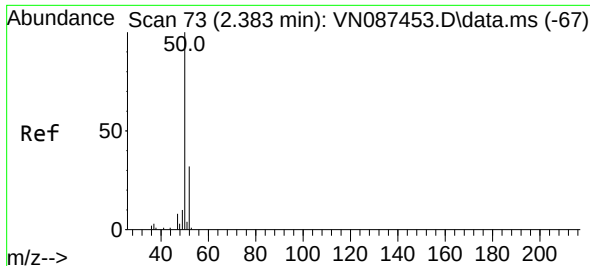
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#2
Dichlorodifluoromethane
Concen: 17.159 ug/l
RT: 2.148 min Scan# 33
Delta R.T. 0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

Tgt Ion: 85 Resp: 54806
Ion Ratio Lower Upper
85 100
87 28.0 16.4 49.2





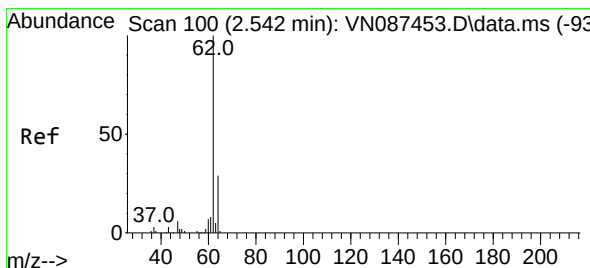
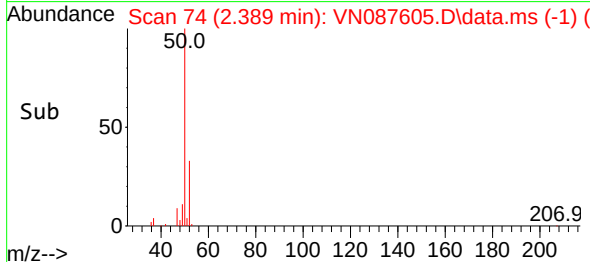
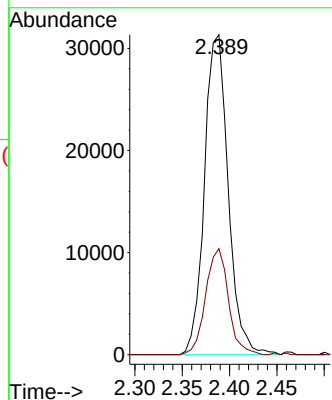
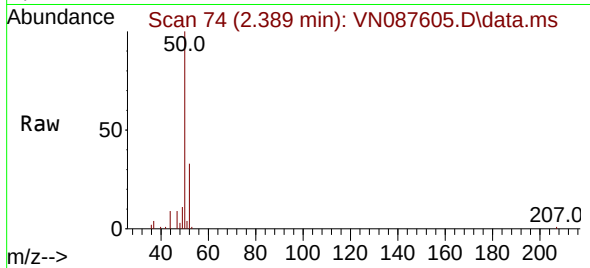
#3
Chloromethane
Concen: 16.697 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tgt Ion: 50 Resp: 5471
Ion Ratio Lower Upper
50 100
52 33.1 25.8 38.6

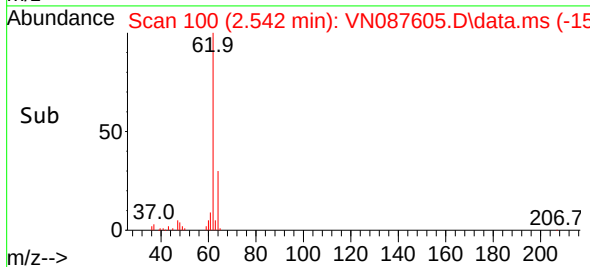
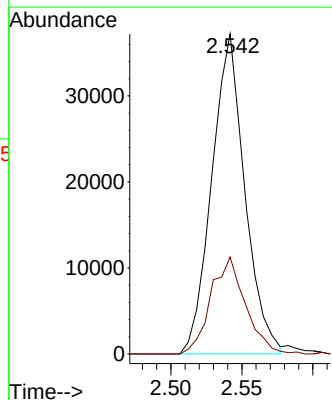
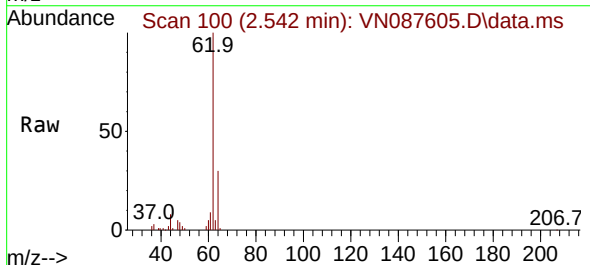
Manual Integrations
APPROVED

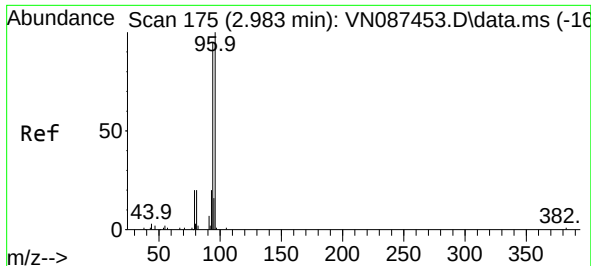
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#4
Vinyl Chloride
Concen: 17.318 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

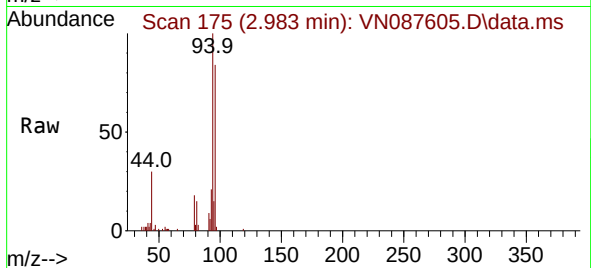
Tgt Ion: 62 Resp: 60191
Ion Ratio Lower Upper
62 100
64 30.3 23.4 35.2





#5
Bromomethane
Concen: 15.073 ug/l
RT: 2.983 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

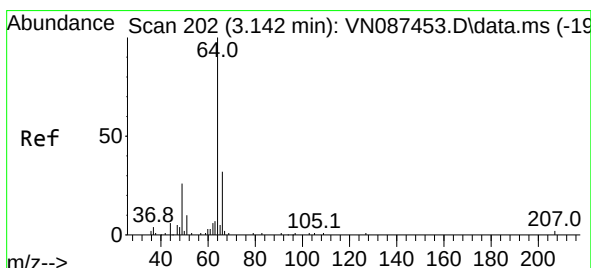
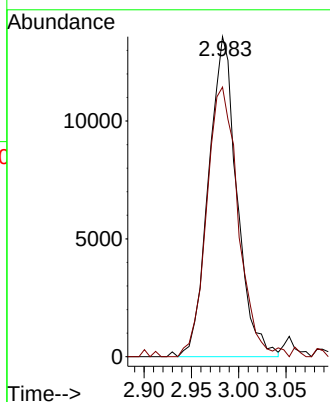
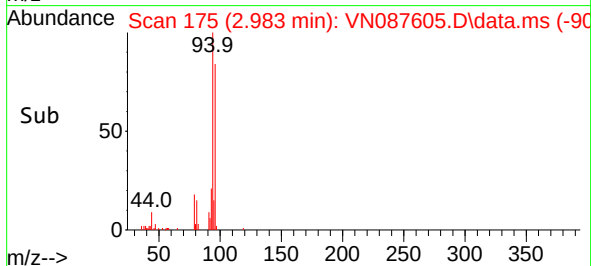
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



Tgt Ion: 94 Resp: 2835
Ion Ratio Lower Upper
94 100
96 84.3 84.2 126.4

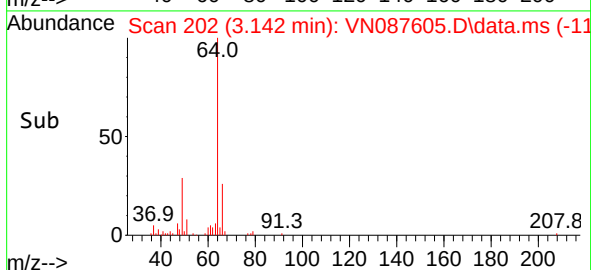
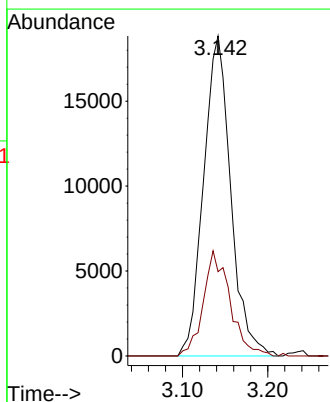
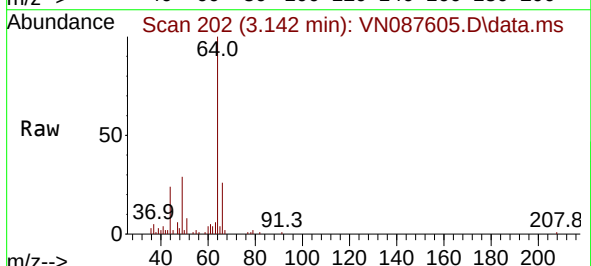
Manual Integrations
APPROVED

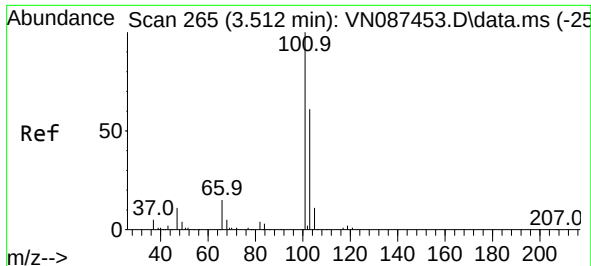
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#6
Chloroethane
Concen: 18.631 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

Tgt Ion: 64 Resp: 41758
Ion Ratio Lower Upper
64 100
66 26.3 25.4 38.0





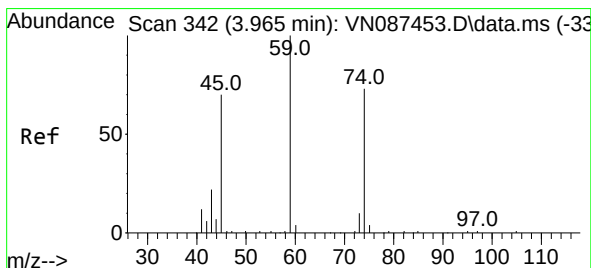
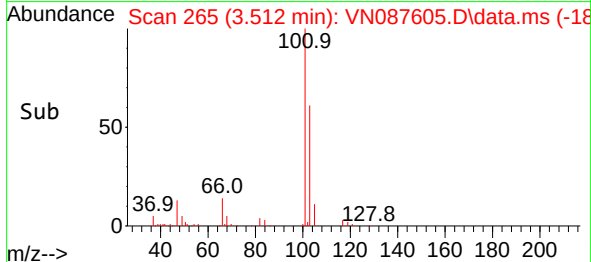
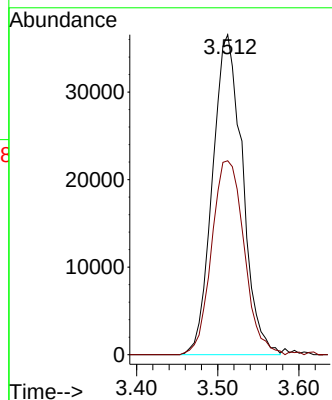
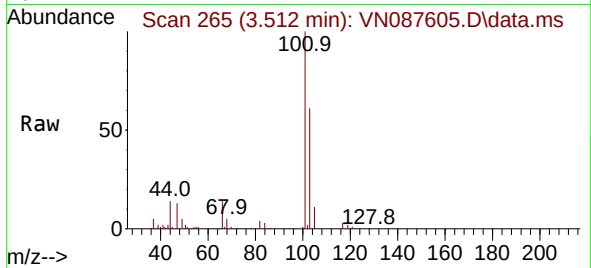
#7
 Trichlorofluoromethane
 Concen: 18.724 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VN087605.D
 Acq: 20 Aug 2025 10:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

Tgt Ion:101 Resp: 9366
 Ion Ratio Lower Upper
 101 100
 103 60.6 49.2 73.8

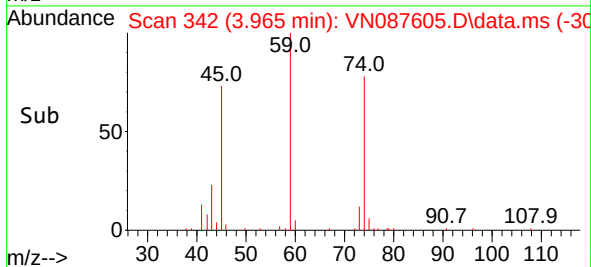
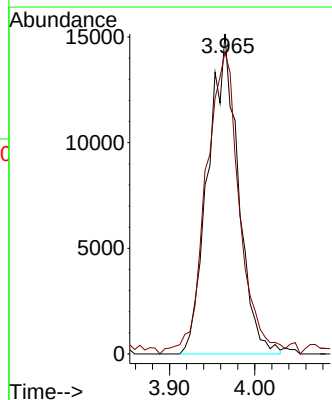
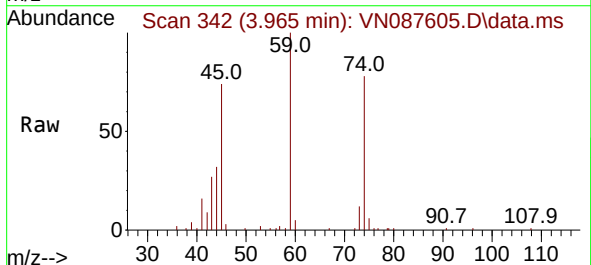
Manual Integrations
 APPROVED

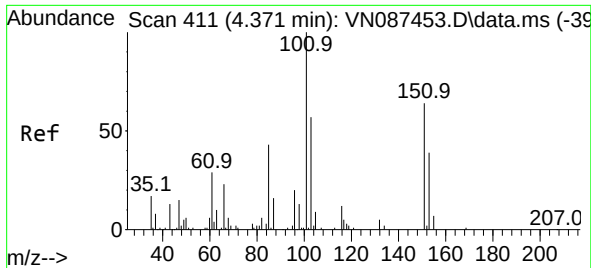
Reviewed By :John Carlone 08/21/2025
 Supervised By :Mahesh Dadoda 08/22/2025



#8
 Diethyl Ether
 Concen: 17.888 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN087605.D
 Acq: 20 Aug 2025 10:05

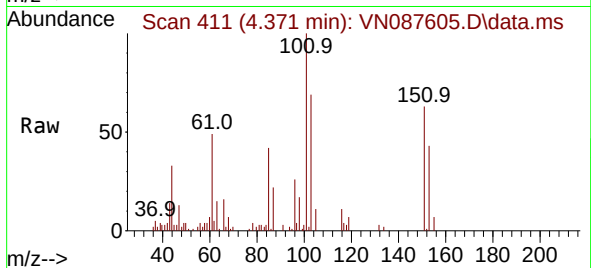
Tgt Ion: 74 Resp: 37278
 Ion Ratio Lower Upper
 74 100
 45 104.2 20.1 180.9





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.250 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VN087605.D
 Acq: 20 Aug 2025 10:05

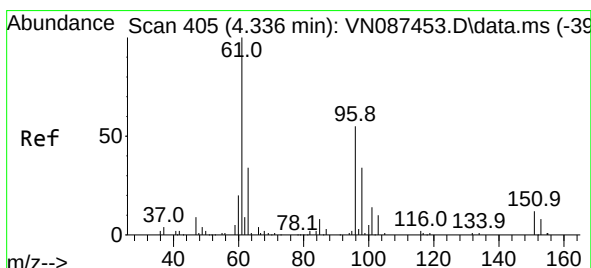
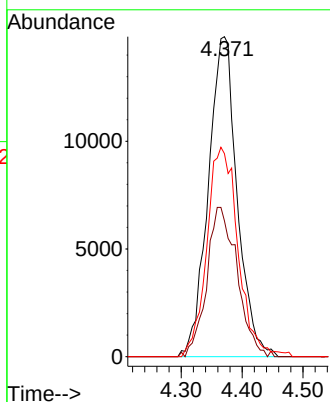
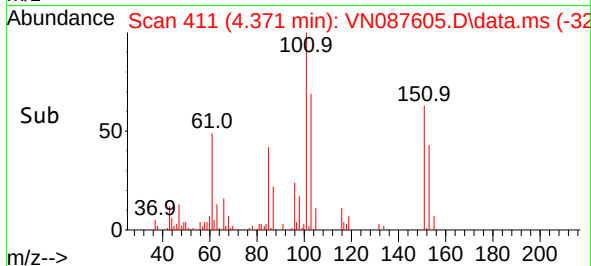
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01



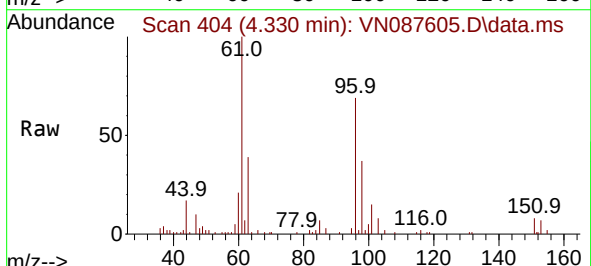
Tgt Ion:101 Resp: 49104
 Ion Ratio Lower Upper
 101 100
 85 37.0 0.0 57.0
 151 69.9 0.0 134.2

Manual Integrations
 APPROVED

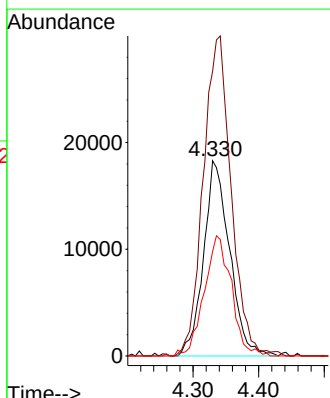
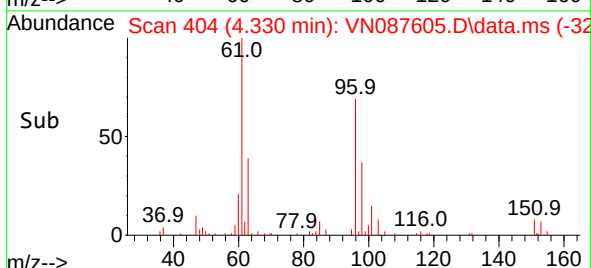
Reviewed By :John Carlone 08/21/2025
 Supervised By :Mahesh Dadoda 08/22/2025

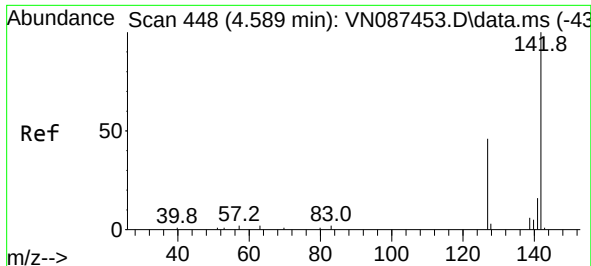


#10
 1,1-Dichloroethene
 Concen: 18.861 ug/l
 RT: 4.330 min Scan# 404
 Delta R.T. -0.006 min
 Lab File: VN087605.D
 Acq: 20 Aug 2025 10:05



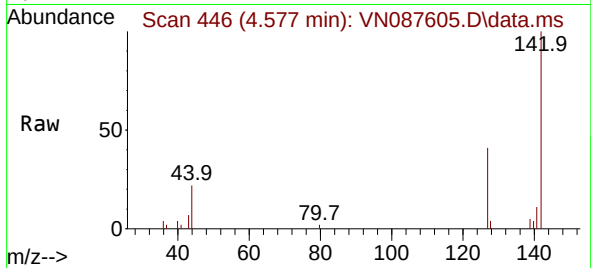
Tgt Ion: 96 Resp: 50535
 Ion Ratio Lower Upper
 96 100
 61 144.6 144.2 216.4
 98 53.5 49.7 74.5





#11
Methyl Iodide
Concen: 13.013 ug/l
RT: 4.577 min Scan# 448
Delta R.T. -0.012 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

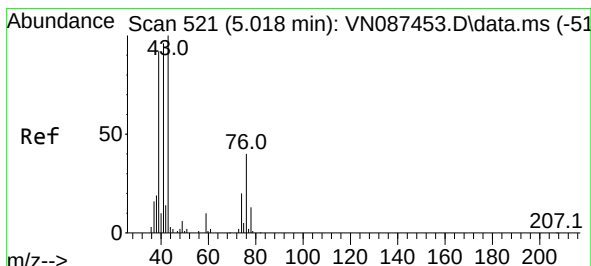
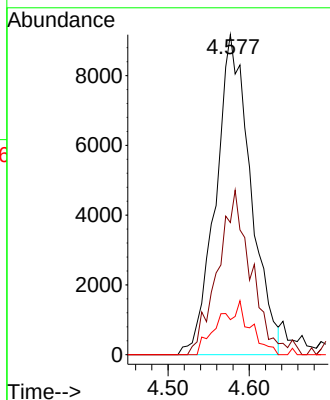
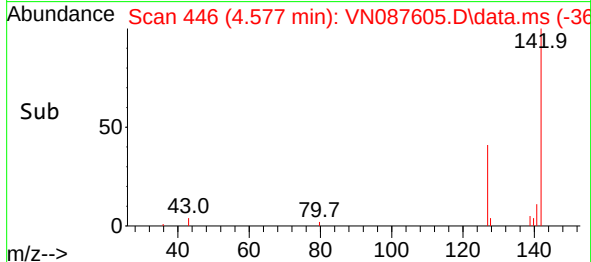
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



Tgt Ion:142 Resp: 27454
Ion Ratio Lower Upper
142 100
127 41.4 22.9 68.7
141 11.4 7.7 23.1

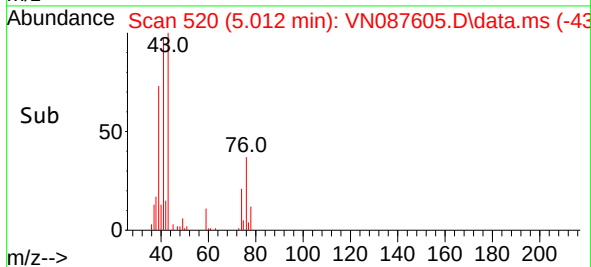
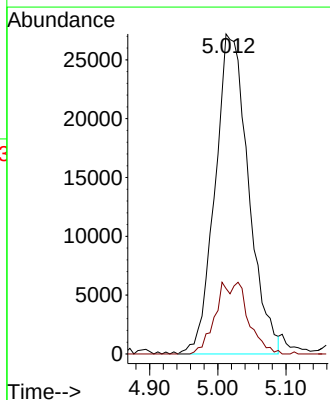
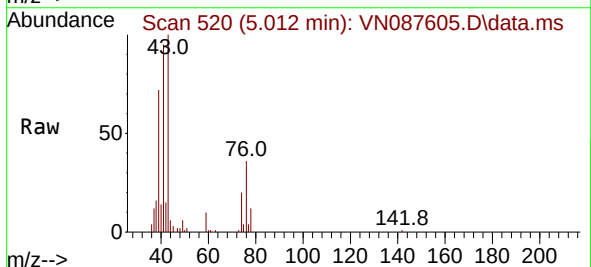
Manual Integrations
APPROVED

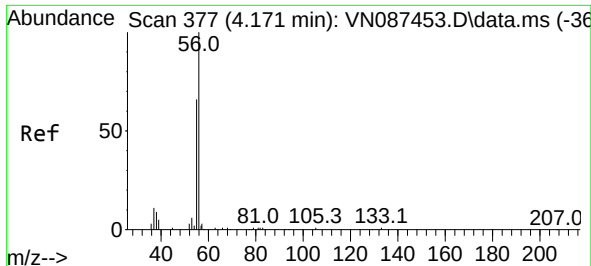
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#12
Methyl Acetate
Concen: 18.760 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

Tgt Ion: 43 Resp: 92759
Ion Ratio Lower Upper
43 100
74 20.5 16.0 24.0





#13

Acrolein

Concen: 110.453 ug/l

RT: 4.177 min Scan# 377

Delta R.T. 0.006 min

Lab File: VN087605.D

Acq: 20 Aug 2025 10:05

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD01

Tgt Ion: 56 Resp: 8341

Ion Ratio Lower Upper

56 100

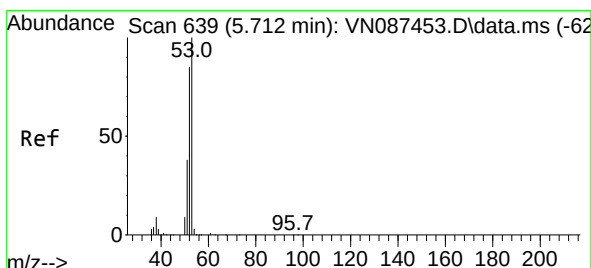
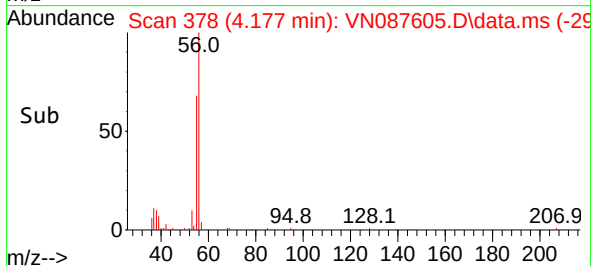
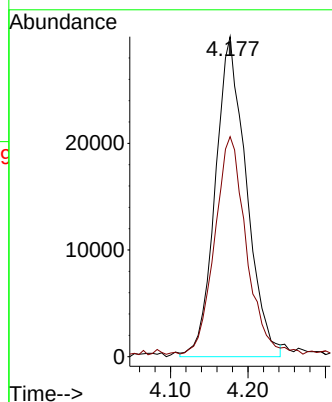
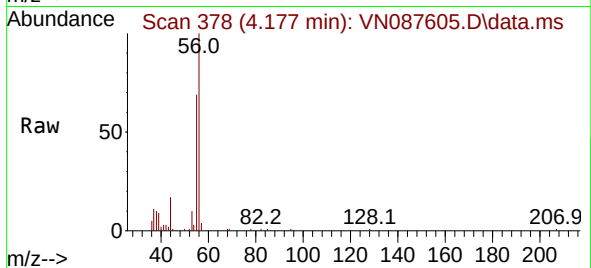
55 67.9 57.4 86.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/21/2025

Supervised By :Mahesh Dadoda 08/22/2025



#14

Acrylonitrile

Concen: 83.397 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.000 min

Lab File: VN087605.D

Acq: 20 Aug 2025 10:05

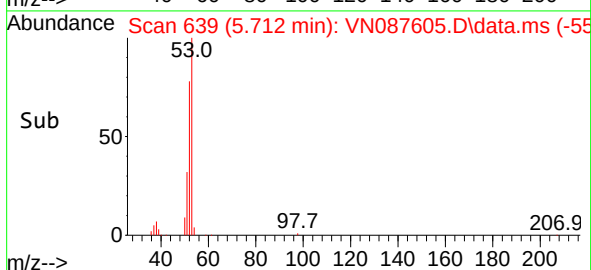
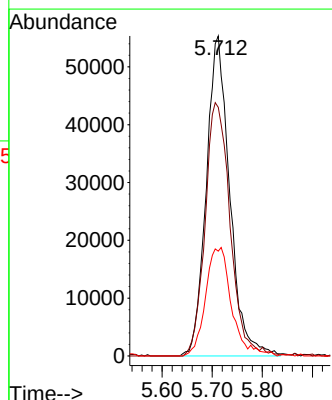
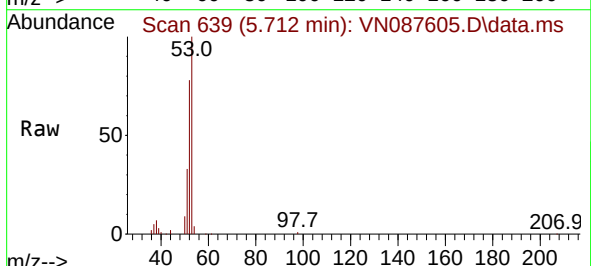
Tgt Ion: 53 Resp: 180058

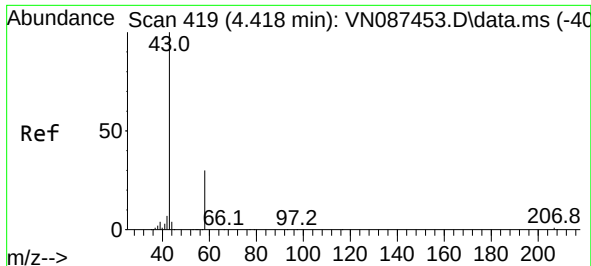
Ion Ratio Lower Upper

53 100

52 83.5 42.4 127.2

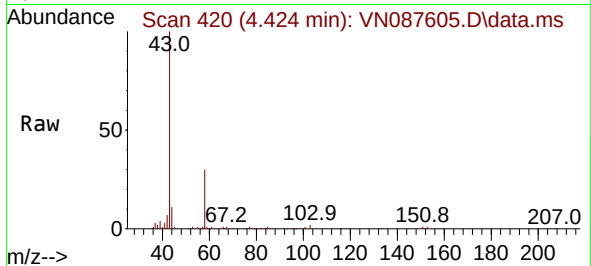
51 35.9 18.5 55.5





#15
Acetone
Concen: 91.365 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

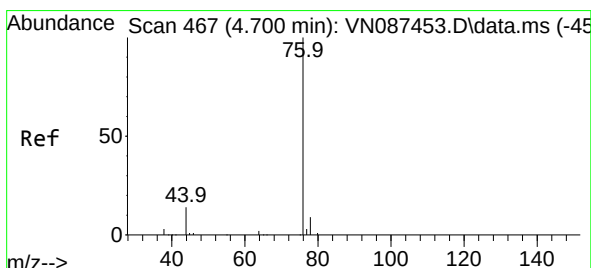
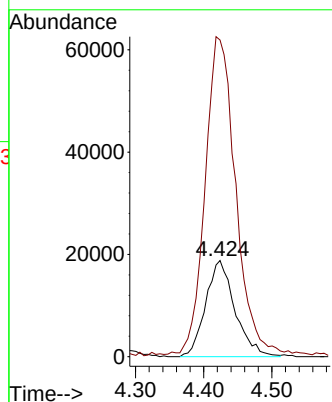
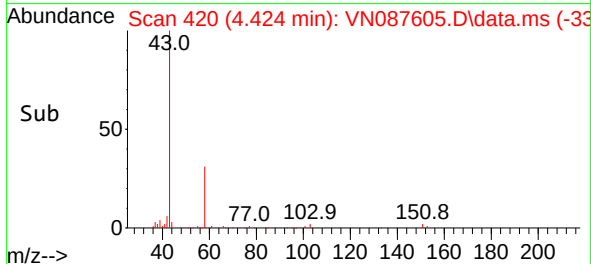
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



Tgt Ion: 58 Resp: 5636
Ion Ratio Lower Upper
58 100
43 325.0 268.9 403.3

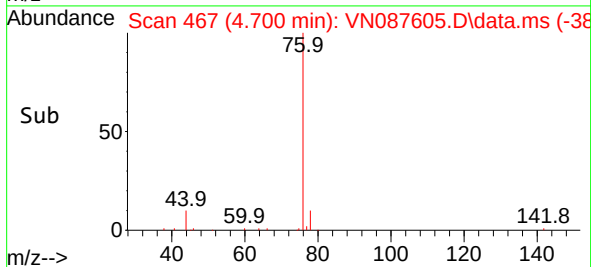
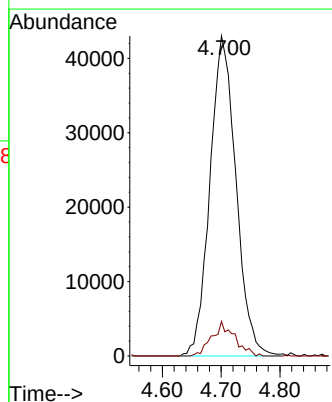
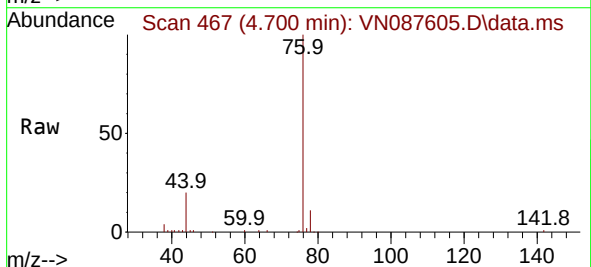
Manual Integrations
APPROVED

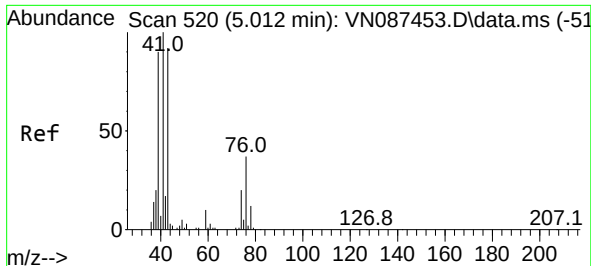
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#16
Carbon Disulfide
Concen: 15.921 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

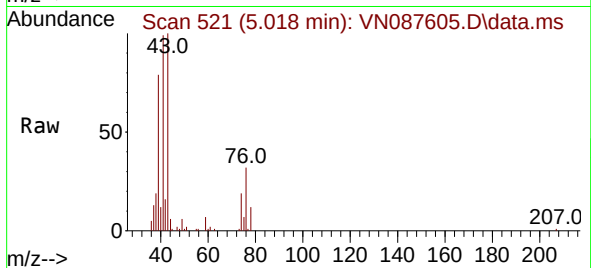
Tgt Ion: 76 Resp: 132321
Ion Ratio Lower Upper
76 100
78 10.8 7.1 10.7#





#17
 Allyl chloride
 Concen: 16.122 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN087605.D
 Acq: 20 Aug 2025 10:05

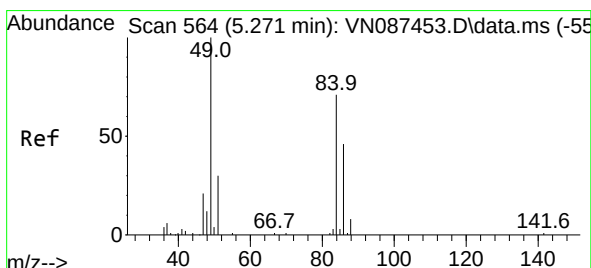
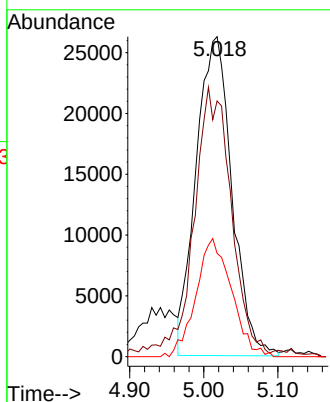
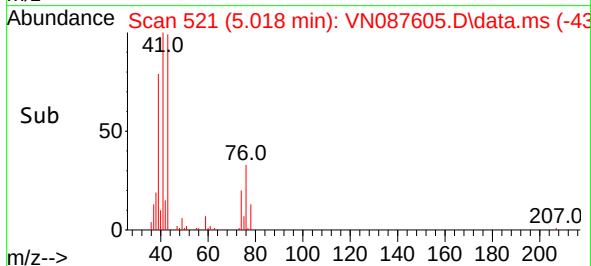
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01



Tgt Ion:	41	Resp:	8804
Ion Ratio	100	Lower	Upper
39	79.0	42.4	127.2
76	32.7	16.9	50.6

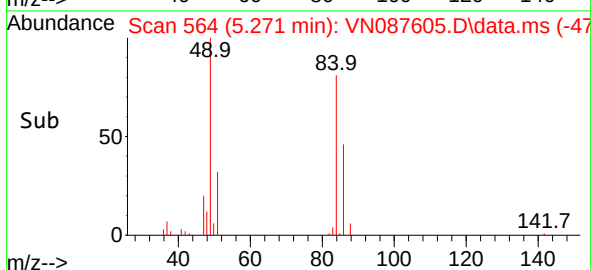
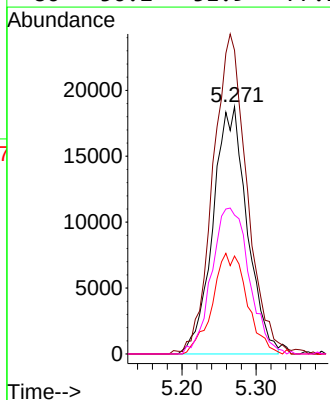
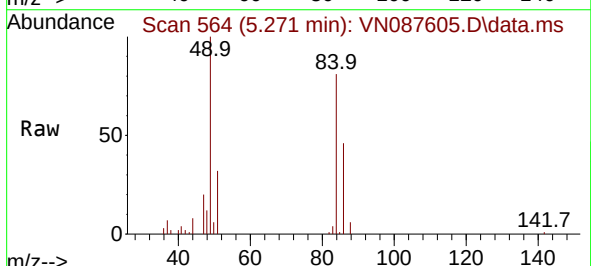
Manual Integrations
 APPROVED

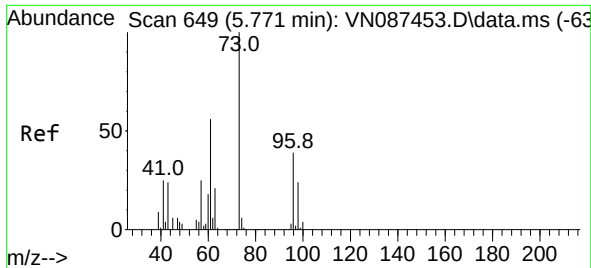
Reviewed By :John Carlone 08/21/2025
 Supervised By :Mahesh Dadoda 08/22/2025



#18
 Methylene Chloride
 Concen: 17.336 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.000 min
 Lab File: VN087605.D
 Acq: 20 Aug 2025 10:05

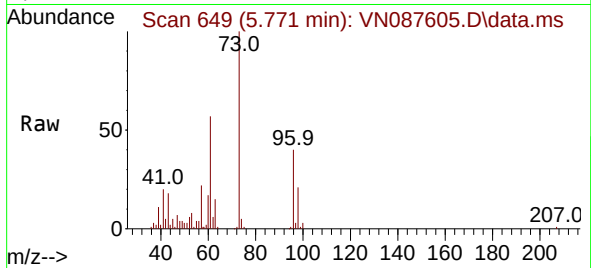
Tgt Ion:	84	Resp:	59797
Ion Ratio	100	Lower	Upper
49	121.8	112.9	169.3
51	39.7	33.8	50.8
86	56.2	51.9	77.9





#19
trans-1,2-Dichloroethene
Concen: 17.084 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

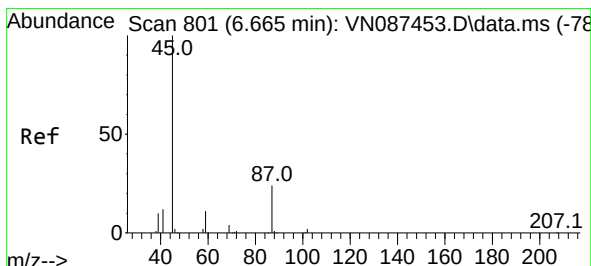
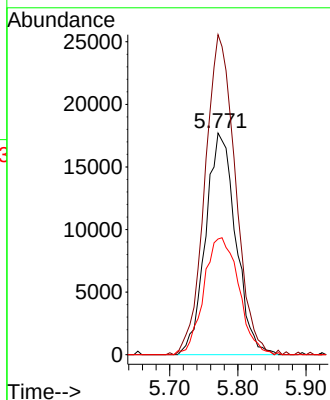
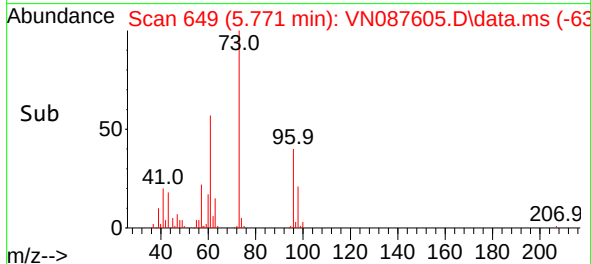
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



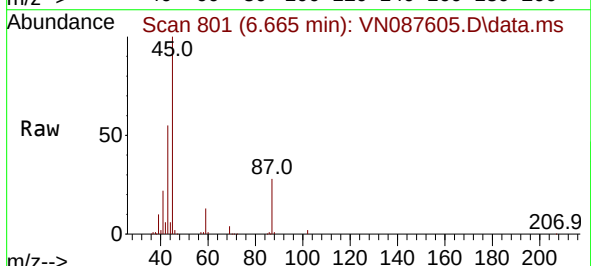
Tgt Ion: 96 Resp: 54438
Ion Ratio Lower Upper
96 100
61 143.4 114.2 171.4
98 51.3 48.7 73.1

Manual Integrations
APPROVED

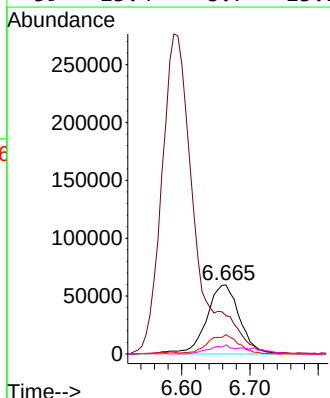
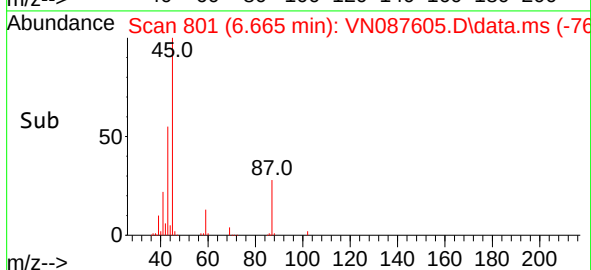
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

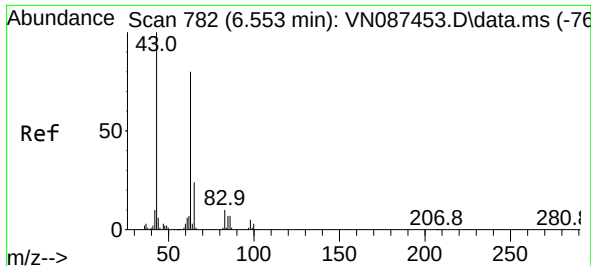


#20
Diisopropyl ether
Concen: 15.786 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05



Tgt Ion: 45 Resp: 196398
Ion Ratio Lower Upper
45 100
43 53.6 44.7 67.1
87 28.2 20.2 30.2
59 13.4 8.7 13.1#





#21

1,1-Dichloroethane

Concen: 16.965 ug/l

RT: 6.547 min Scan# 781

Delta R.T. -0.006 min

Lab File: VN087605.D

Acq: 20 Aug 2025 10:05

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD01

Tgt Ion: 63 Resp: 10910

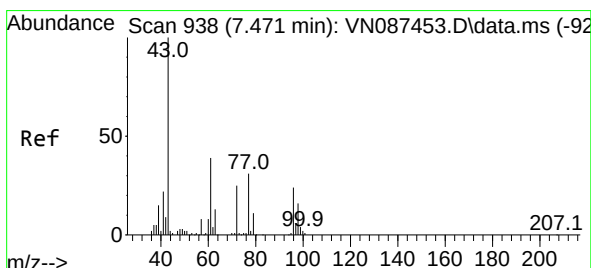
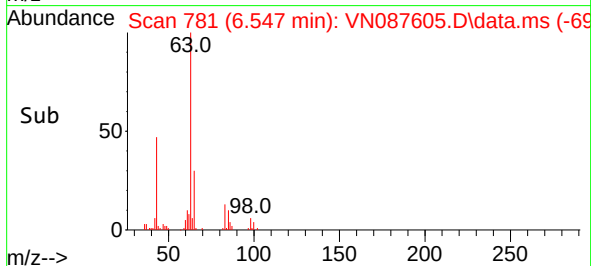
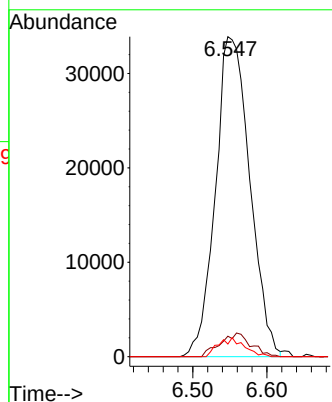
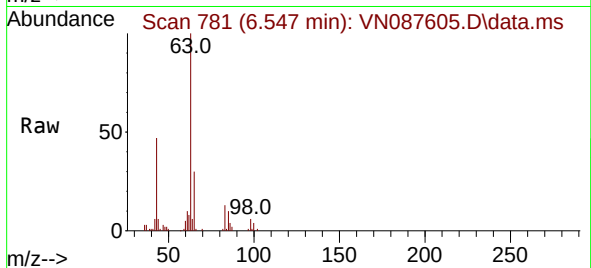
Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.0	9.0
100	3.9	1.9	5.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/21/2025

Supervised By :Mahesh Dadoda 08/22/2025



#22

cis-1,2-Dichloroethene

Concen: 17.023 ug/l

RT: 7.471 min Scan# 938

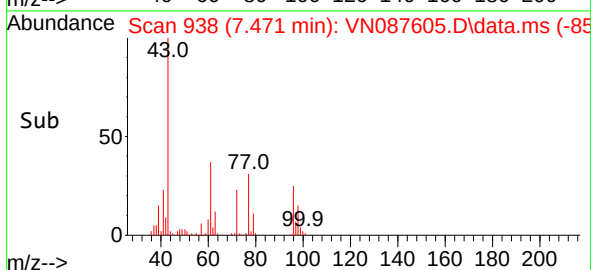
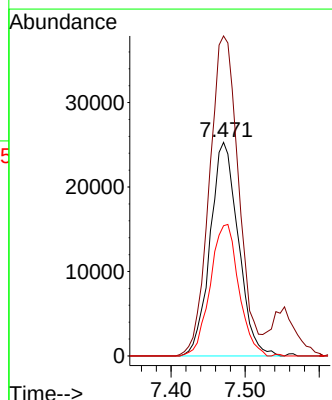
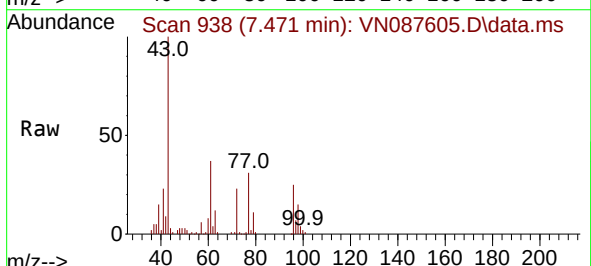
Delta R.T. -0.000 min

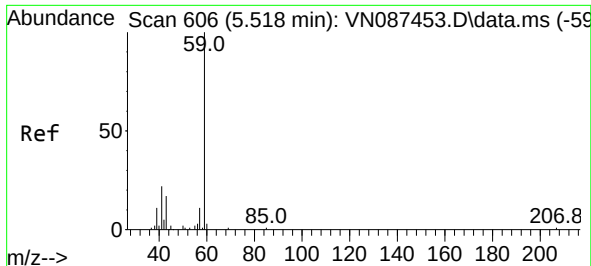
Lab File: VN087605.D

Acq: 20 Aug 2025 10:05

Tgt Ion: 96 Resp: 66738

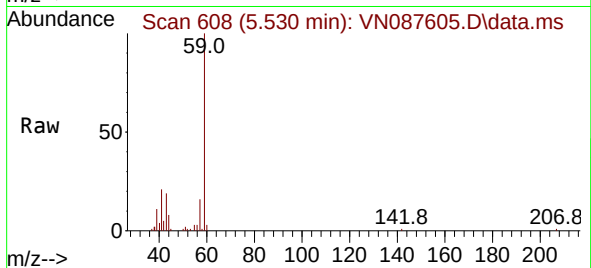
Ion	Ratio	Lower	Upper
96	100		
61	155.9	126.6	190.0
98	62.4	50.9	76.3





#23
tert-Butyl Alcohol
Concen: 78.599 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

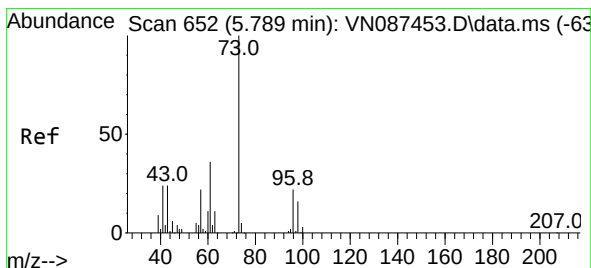
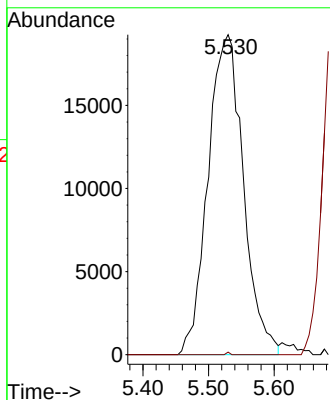
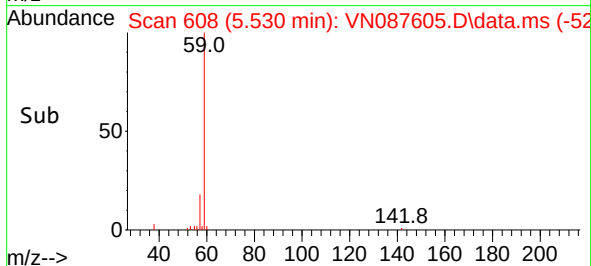
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



Tgt Ion: 59 Resp: 72110
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

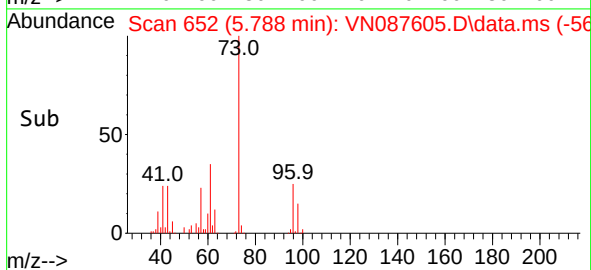
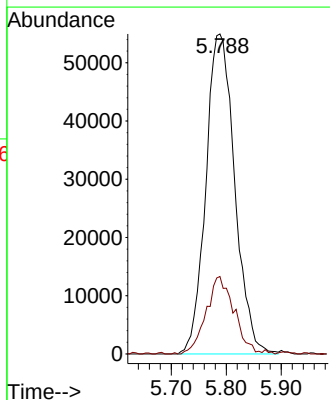
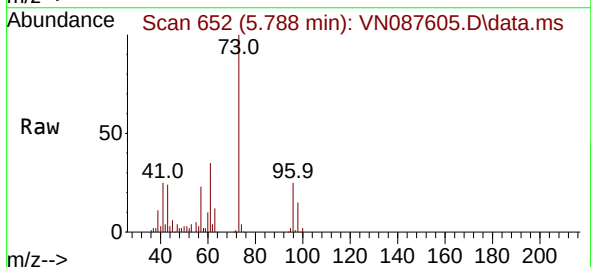
Manual Integrations
APPROVED

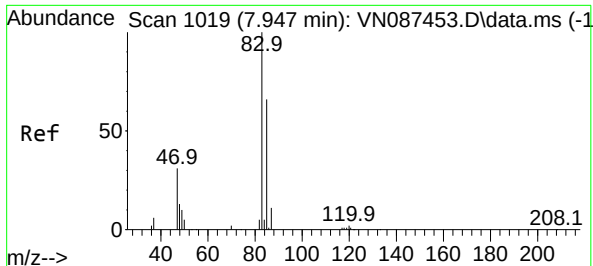
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#24
Methyl tert-Butyl Ether
Concen: 16.421 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

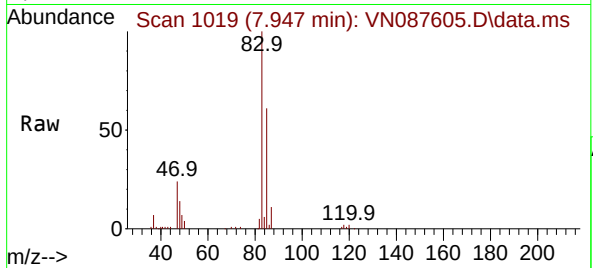
Tgt Ion: 73 Resp: 200487
Ion Ratio Lower Upper
73 100
43 23.4 19.9 29.9





#25
Chloroform
Concen: 17.171 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

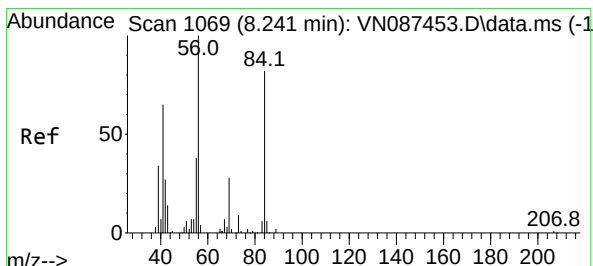
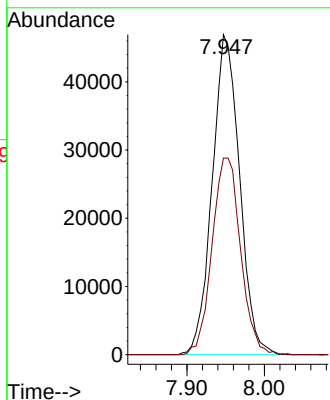
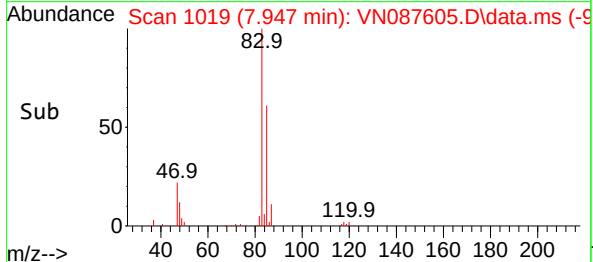
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



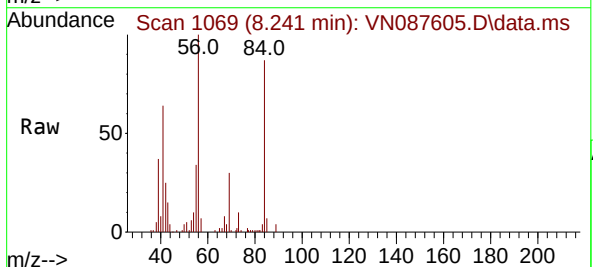
Tgt Ion: 83 Resp: 115264
Ion Ratio Lower Upper
83 100
85 61.5 52.6 78.8

Manual Integrations
APPROVED

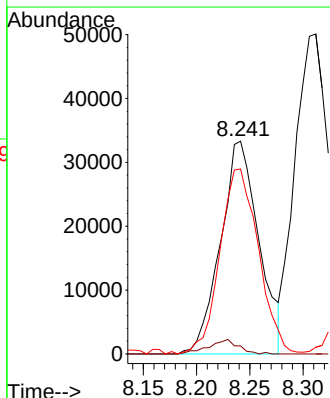
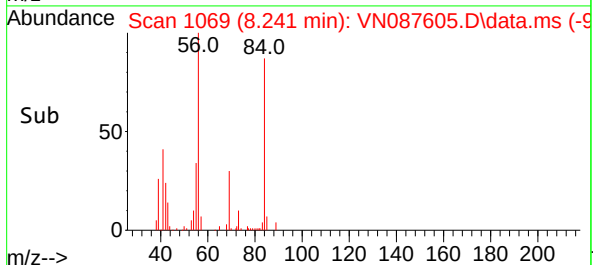
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

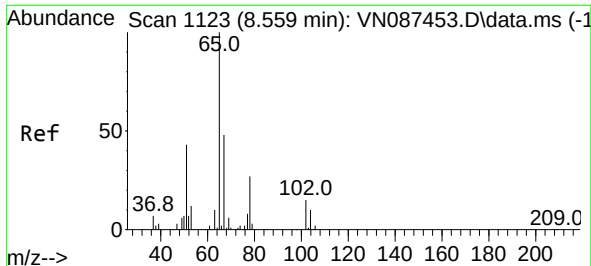


#26
Cyclohexane
Concen: 16.234 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05



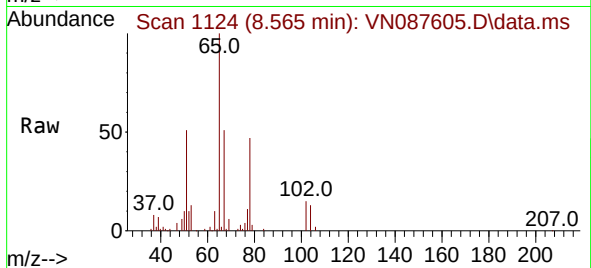
Tgt Ion: 56 Resp: 83585
Ion Ratio Lower Upper
56 100
89 5.2 2.3 3.5#
84 87.3 67.0 100.4





#27
1,2-Dichloroethane-d4
Concen: 28.824 ug/l
RT: 8.565 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

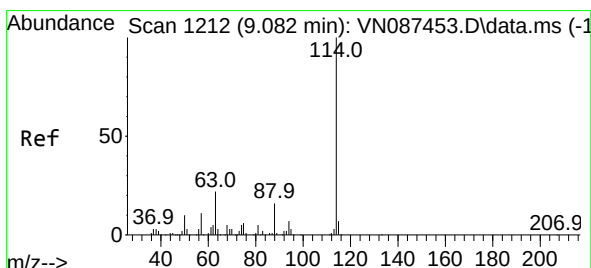
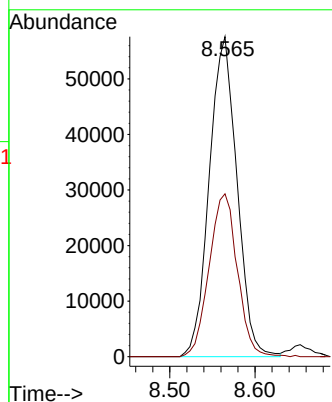
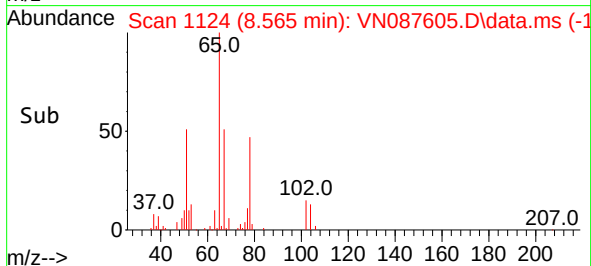
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



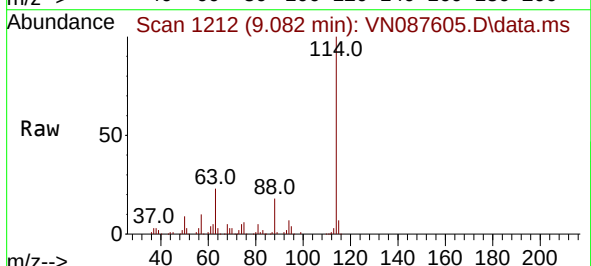
Tgt Ion: 65 Resp: 13006
Ion Ratio Lower Upper
65 100
67 51.7 40.8 61.2

Manual Integrations
APPROVED

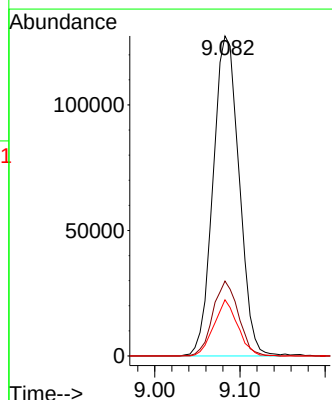
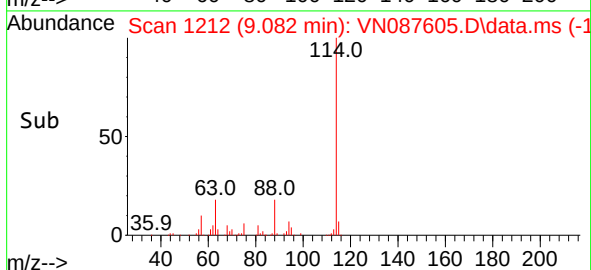
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

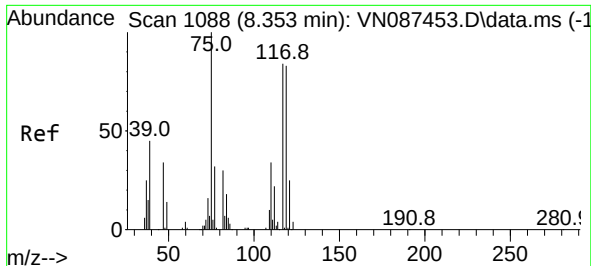


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05



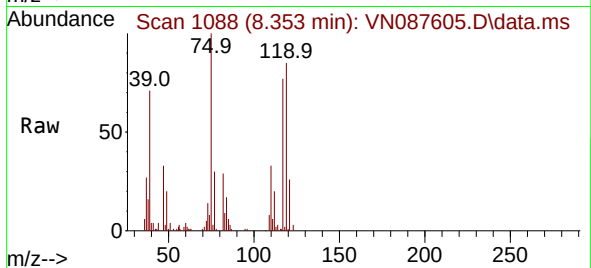
Tgt Ion:114 Resp: 271057
Ion Ratio Lower Upper
114 100
63 22.9 18.9 28.3
88 16.0 13.1 19.7





#29
1,1-Dichloropropene
Concen: 16.718 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

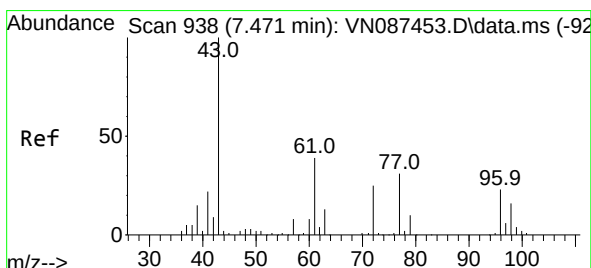
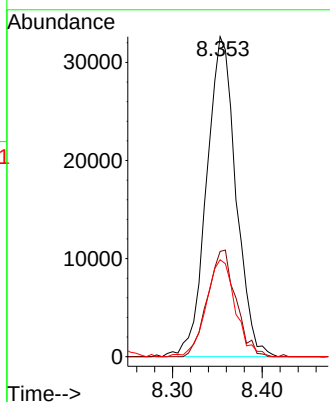
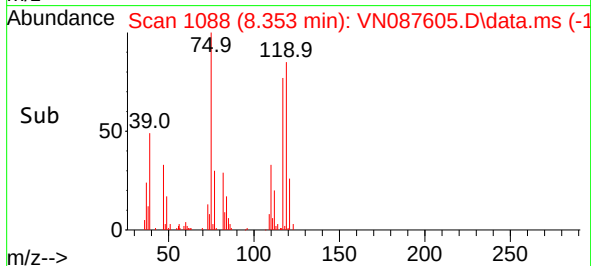
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



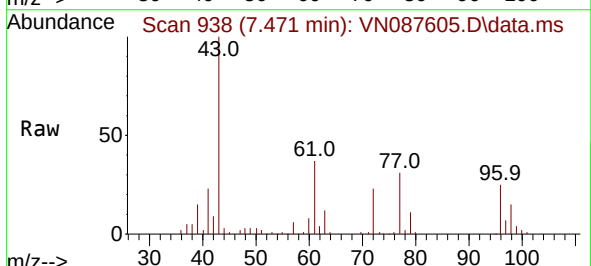
Tgt Ion: 75 Resp: 73910
Ion Ratio Lower Upper
75 100
110 32.3 0.0 65.8
77 30.0 0.0 63.6

Manual Integrations
APPROVED

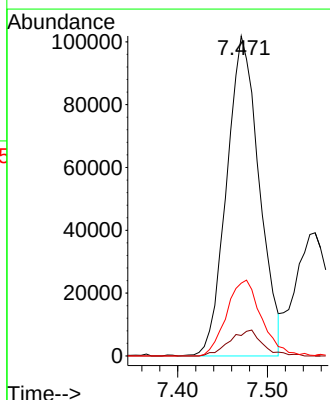
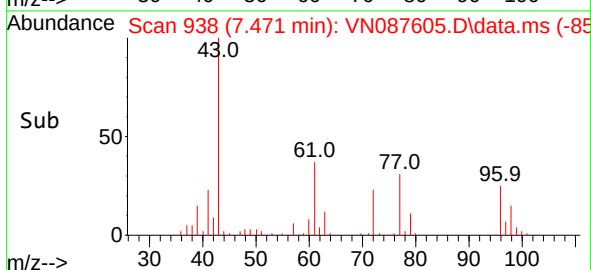
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

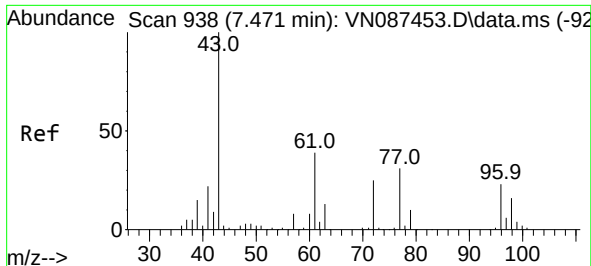


#30
2-Butanone
Concen: 78.696 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05



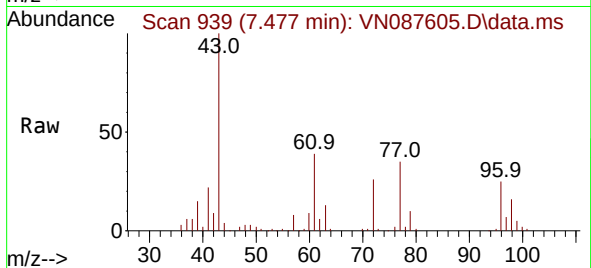
Tgt Ion: 43 Resp: 256451
Ion Ratio Lower Upper
43 100
57 7.7 6.6 9.8
72 25.5 19.7 29.5





#31
2,2-Dichloropropane
Concen: 16.920 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

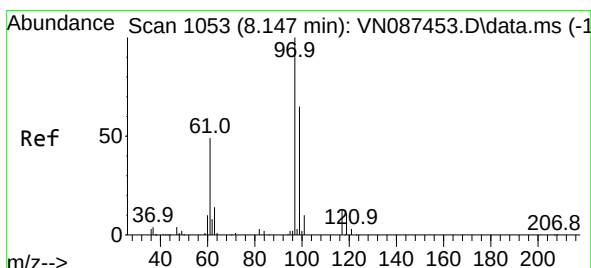
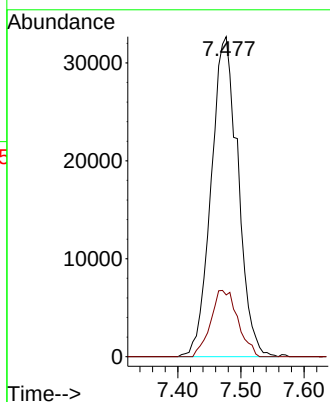
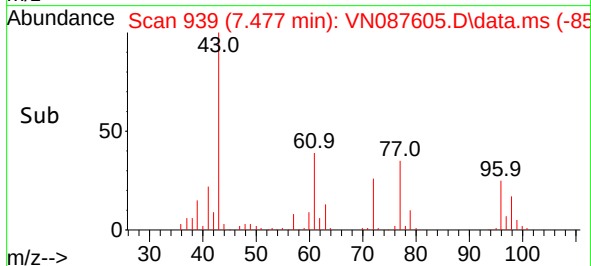
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



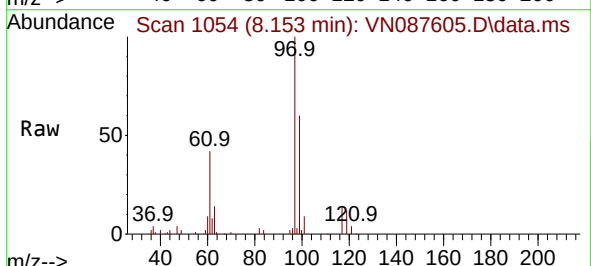
Tgt Ion: 77 Resp: 96478
Ion Ratio Lower Upper
77 100
97 12.7 16.7 25.1

Manual Integrations
APPROVED

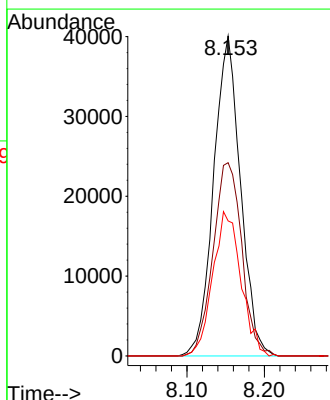
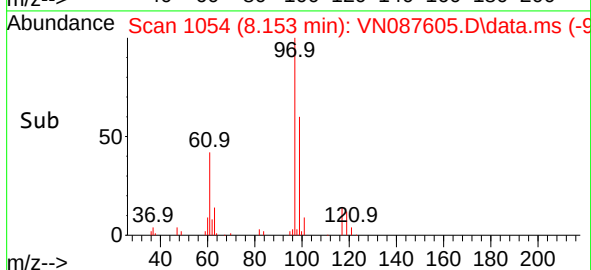
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

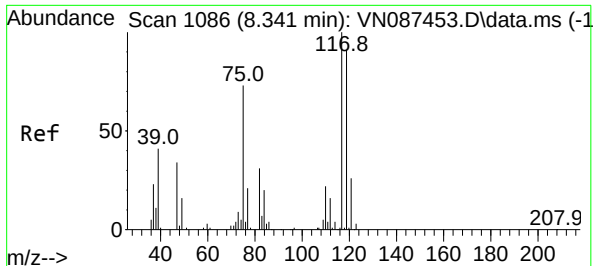


#32
1,1,1-Trichloroethane
Concen: 17.141 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05



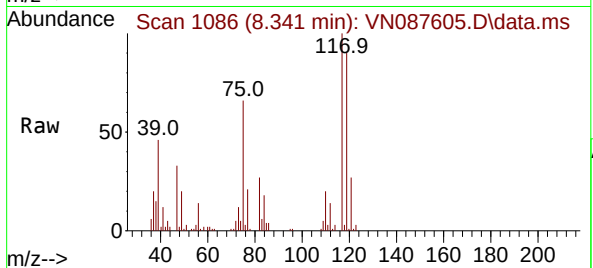
Tgt Ion: 97 Resp: 96650
Ion Ratio Lower Upper
97 100
99 64.6 53.0 79.6
61 47.3 40.6 61.0





#33
Carbon Tetrachloride
Concen: 16.863 ug/l
RT: 8.341 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

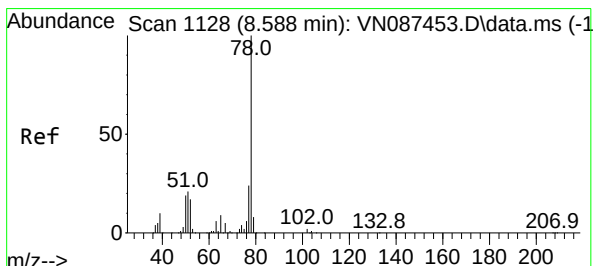
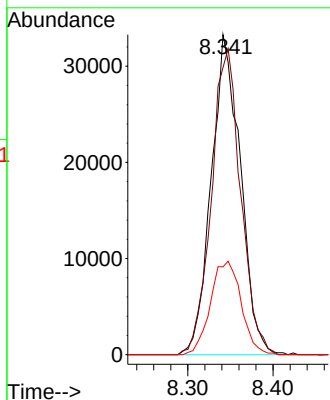
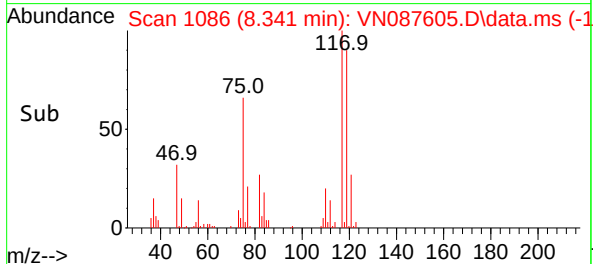
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



Tgt Ion: 117 Resp: 7899
Ion Ratio Lower Upper
117 100
119 89.7 73.4 110.0
121 27.5 21.1 31.7

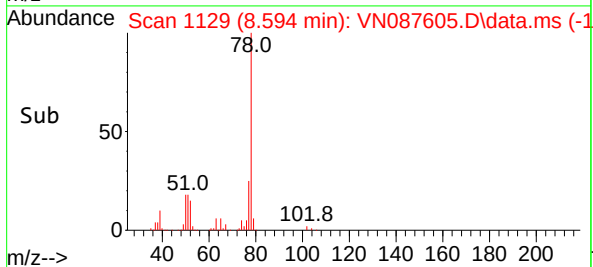
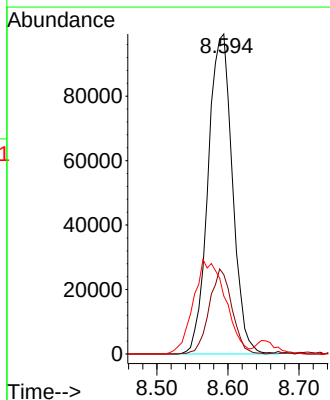
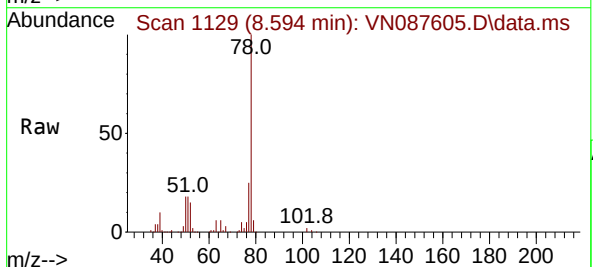
Manual Integrations
APPROVED

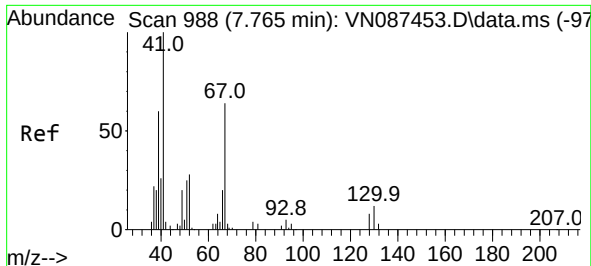
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#34
Benzene
Concen: 16.877 ug/l
RT: 8.594 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

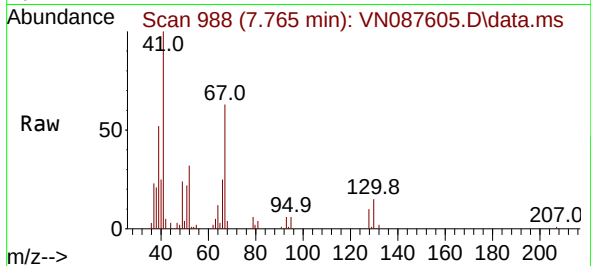
Tgt Ion: 78 Resp: 235531
Ion Ratio Lower Upper
78 100
77 24.8 19.2 28.8
51 16.0 16.9 25.3





#35
Methacrylonitrile
Concen: 16.423 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

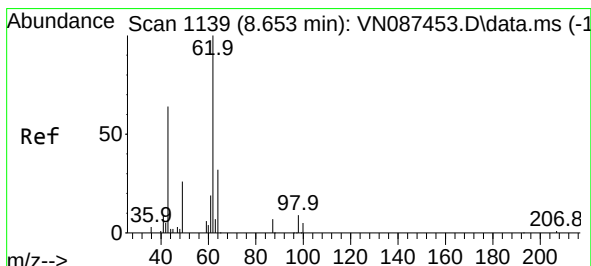
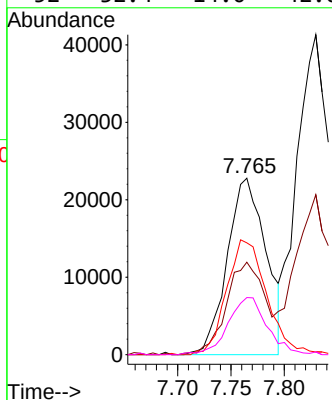
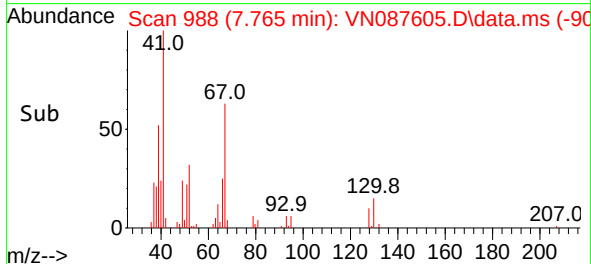
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



Tgt Ion: 41 Resp: 57754
Ion Ratio Lower Upper
41 100
39 52.4 30.1 90.5
67 63.4 32.0 96.2
52 32.4 14.0 42.0

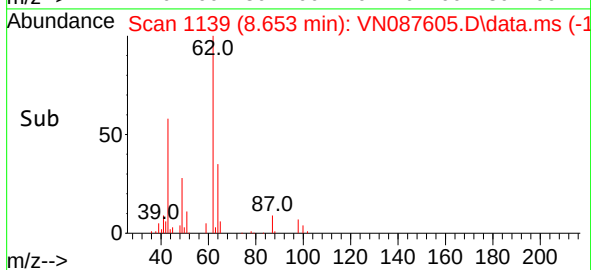
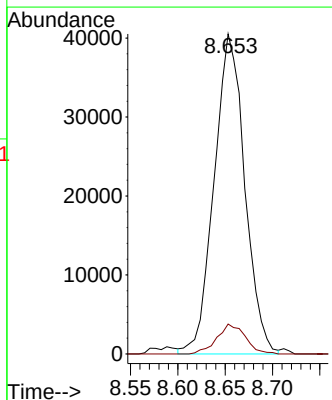
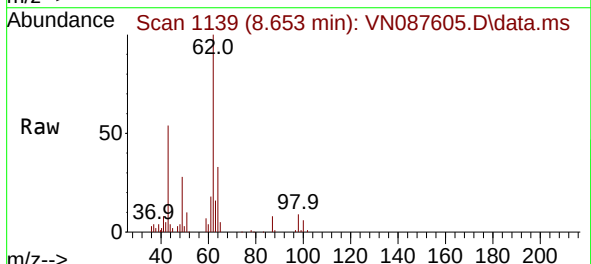
Manual Integrations
APPROVED

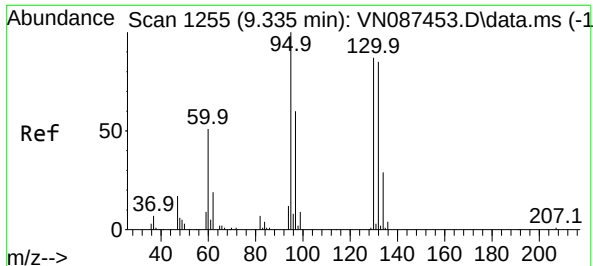
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#36
1,2-Dichloroethane
Concen: 16.165 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

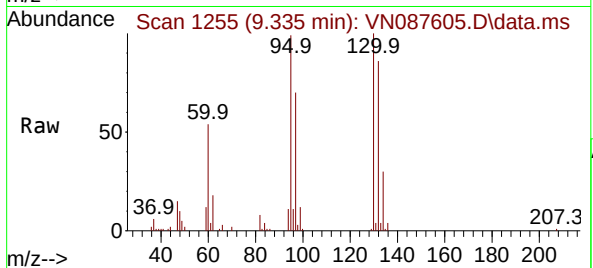
Tgt Ion: 62 Resp: 91178
Ion Ratio Lower Upper
62 100
98 8.7 6.6 9.8





#37
Trichloroethene
Concen: 17.970 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

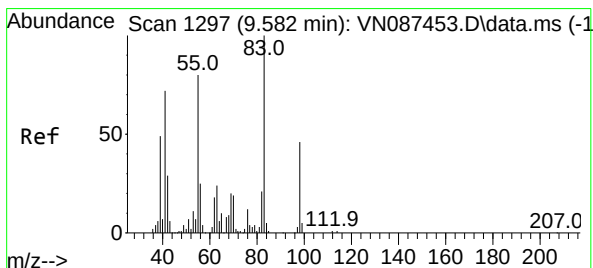
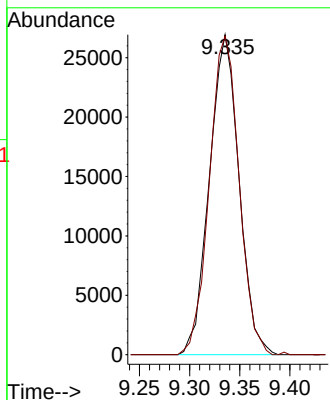
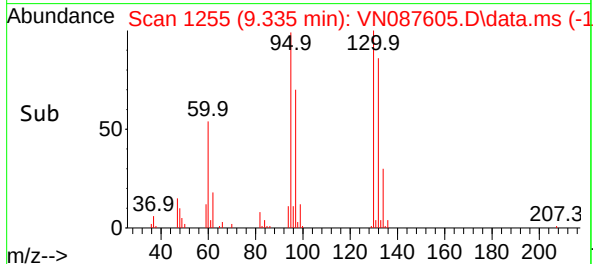
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



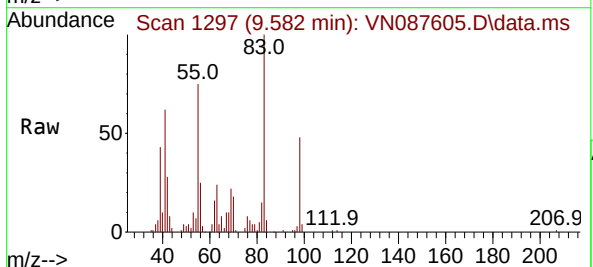
Tgt Ion:130 Resp: 5524
Ion Ratio Lower Upper
130 100
95 99.5 91.4 137.2

Manual Integrations
APPROVED

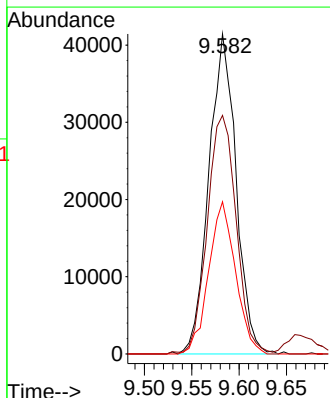
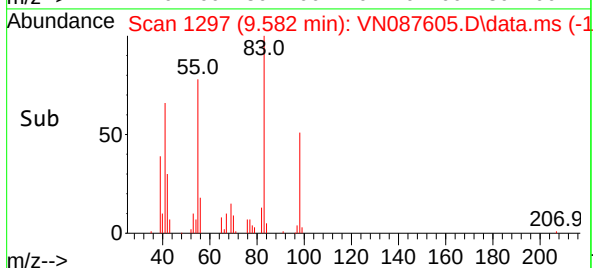
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

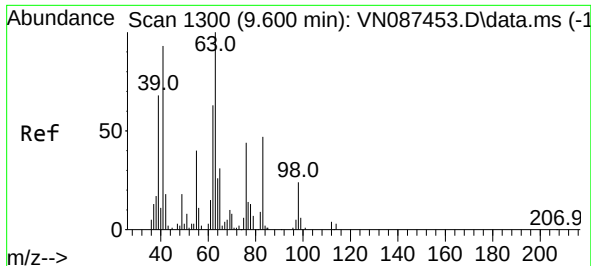


#38
Methylcyclohexane
Concen: 16.139 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05



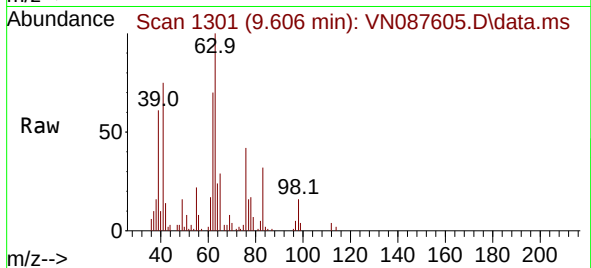
Tgt Ion: 83 Resp: 82772
Ion Ratio Lower Upper
83 100
55 79.2 41.2 123.6
98 47.0 23.3 69.9





#39
1,2-Dichloropropane
Concen: 17.477 ug/l
RT: 9.606 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

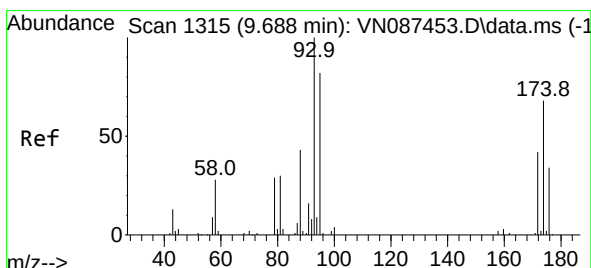
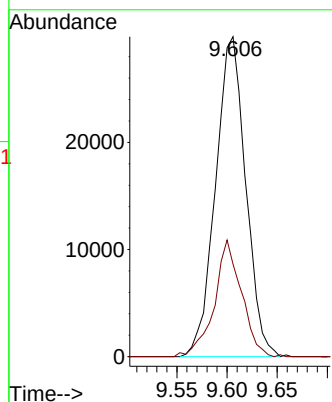
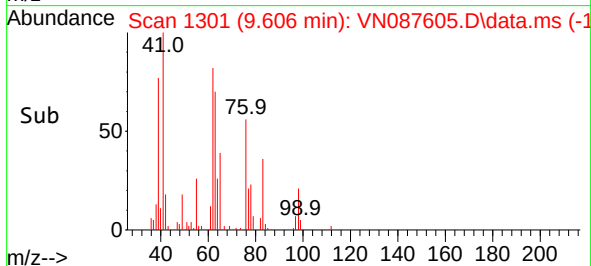
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



Tgt Ion: 63 Resp: 6253
Ion Ratio Lower Upper
63 100
65 28.3 24.6 36.8

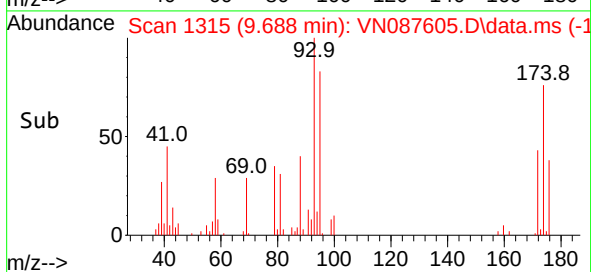
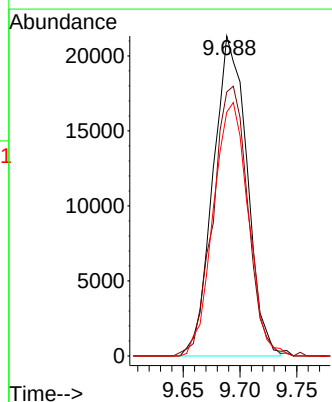
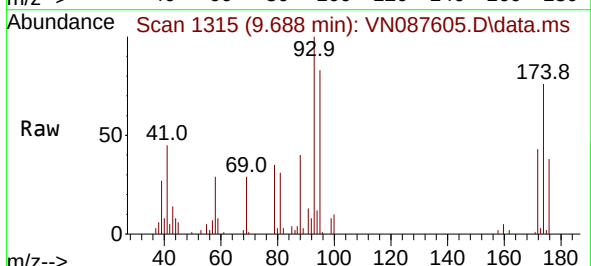
Manual Integrations
APPROVED

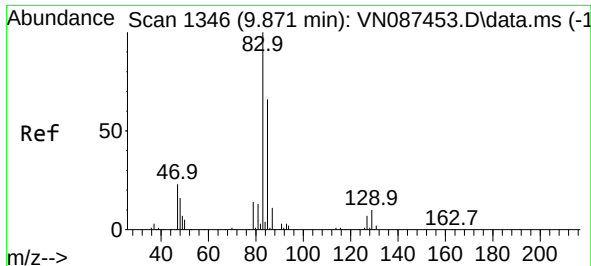
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#40
Dibromomethane
Concen: 16.476 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

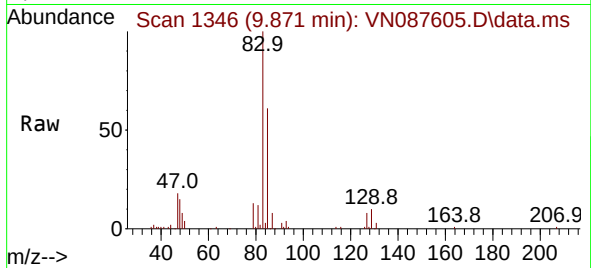
Tgt Ion: 93 Resp: 44233
Ion Ratio Lower Upper
93 100
95 86.3 0.0 161.6
174 81.7 0.0 151.4





#41
Bromodichloromethane
Concen: 16.716 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

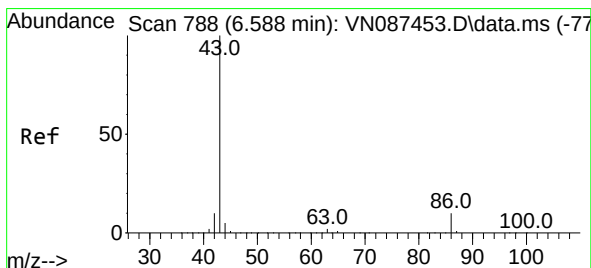
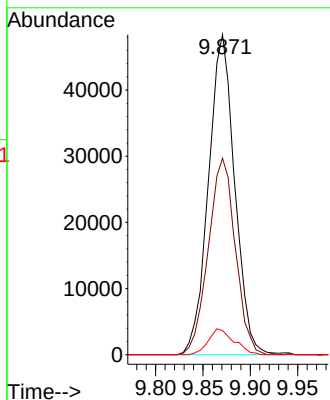
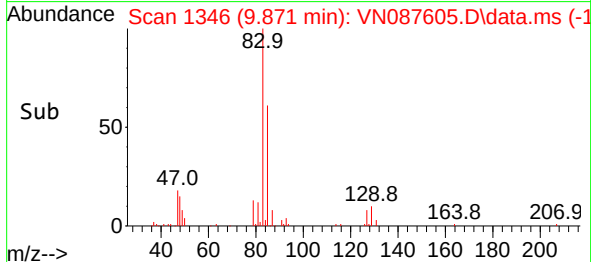
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



Tgt Ion: 83 Resp: 93249
Ion Ratio Lower Upper
83 100
85 61.4 52.9 79.3
127 7.6 5.8 8.6

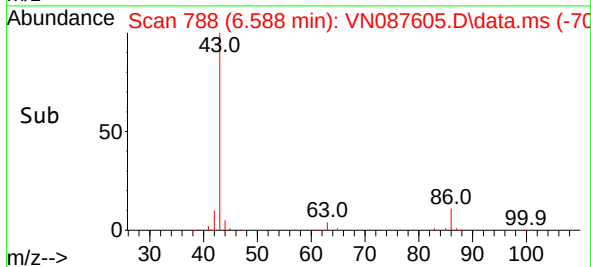
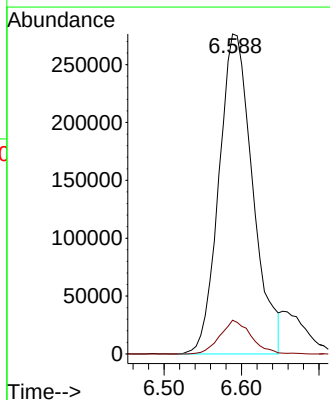
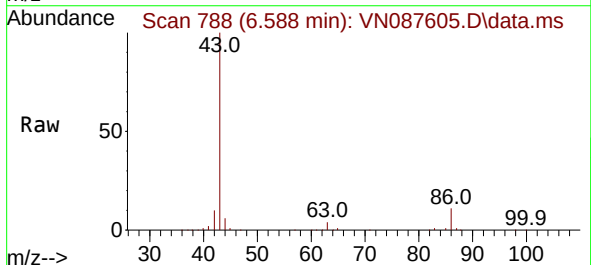
Manual Integrations
APPROVED

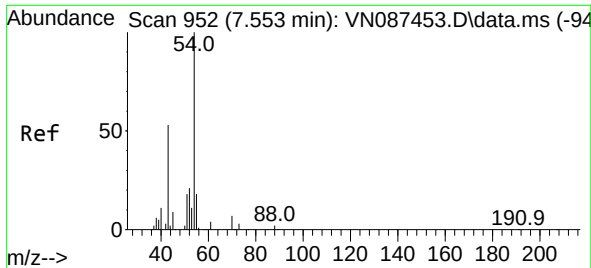
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#42
Vinyl Acetate
Concen: 78.349 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

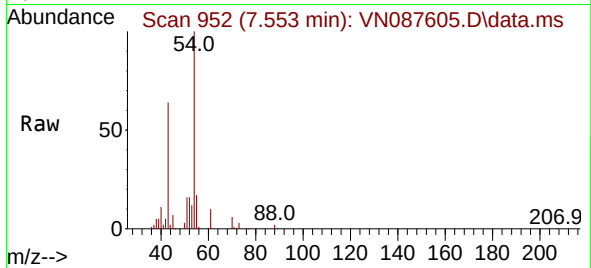
Tgt Ion: 43 Resp: 840820
Ion Ratio Lower Upper
43 100
86 9.6 7.3 10.9





#43
Ethyl Acetate
Concen: 16.519 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

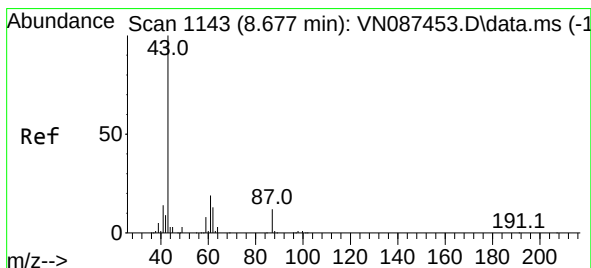
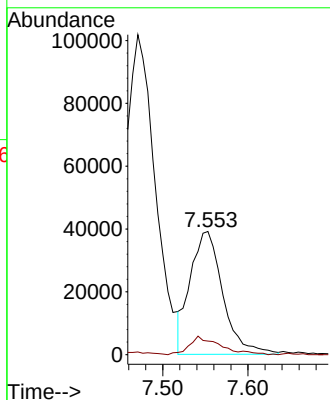
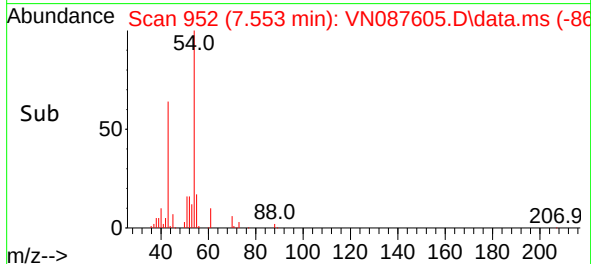
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



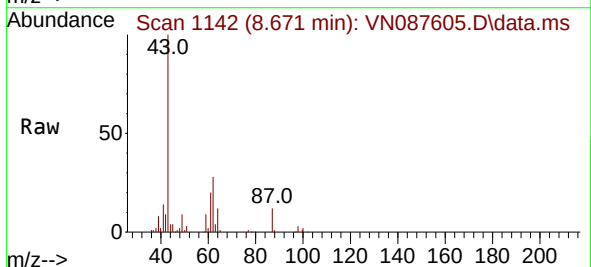
Tgt Ion: 43 Resp: 103998
Ion Ratio Lower Upper
43 100
45 12.9 11.1 16.7

Manual Integrations
APPROVED

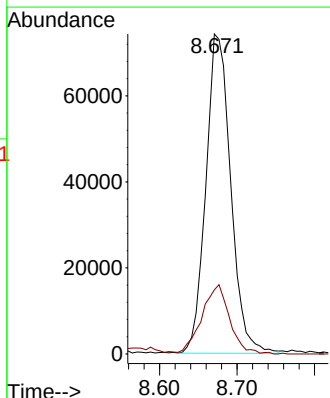
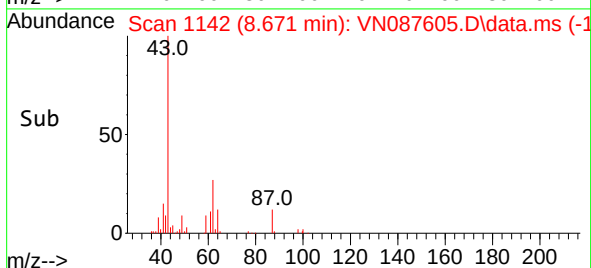
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

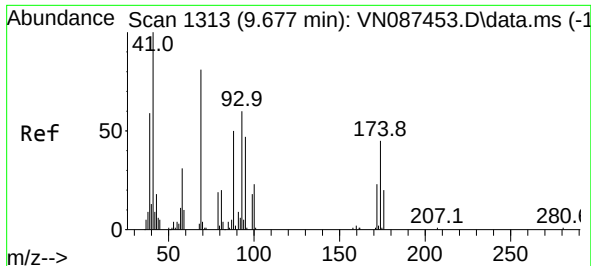


#44
Isopropyl Acetate
Concen: 15.498 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05



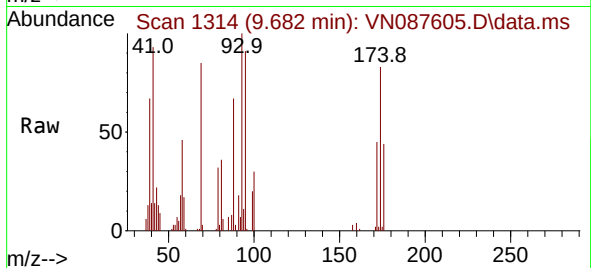
Tgt Ion: 43 Resp: 165392
Ion Ratio Lower Upper
43 100
61 23.6 18.6 28.0





#45
1,4-Dioxane
Concen: 324.880 ug/l
RT: 9.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

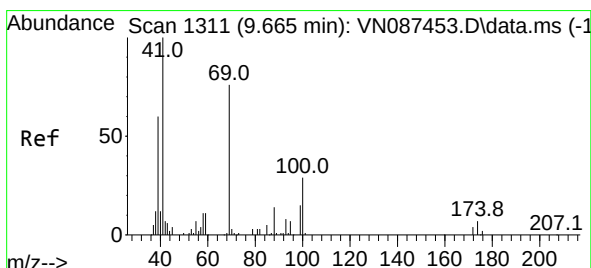
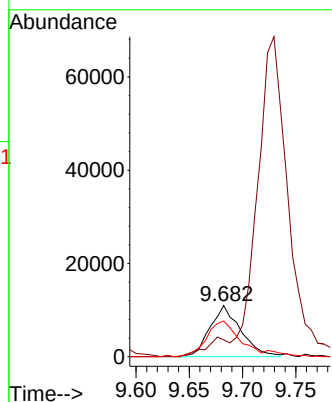
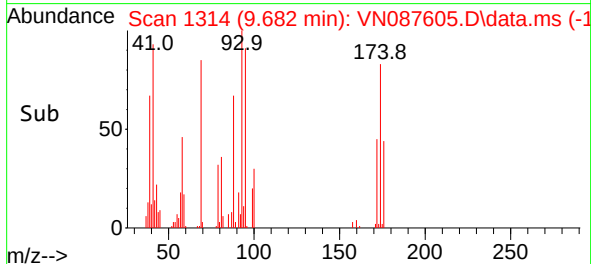
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



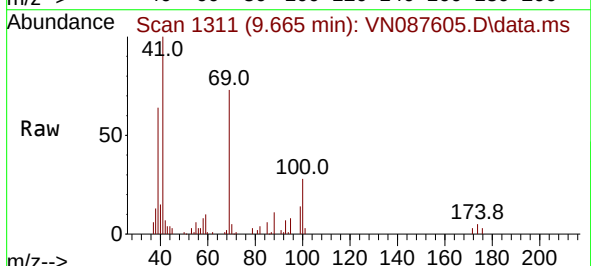
Tgt Ion: 88 Resp: 2210
Ion Ratio Lower Upper
88 100
43 29.1 24.1 36.1
58 73.3 57.2 85.8

Manual Integrations
APPROVED

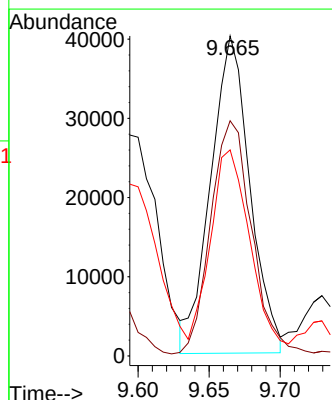
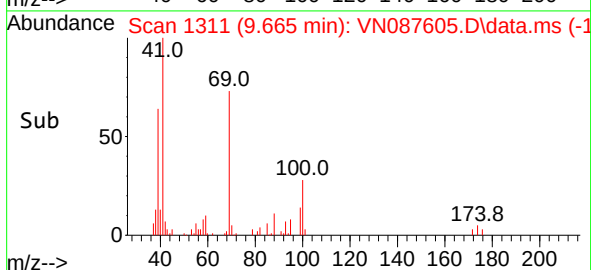
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

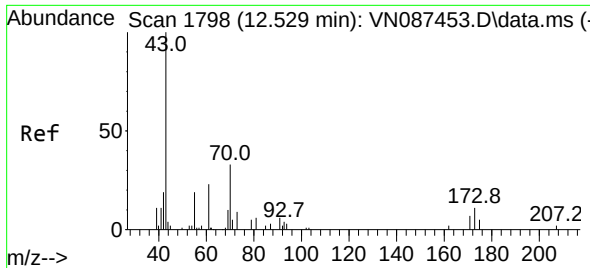


#46
Methyl methacrylate
Concen: 15.266 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05



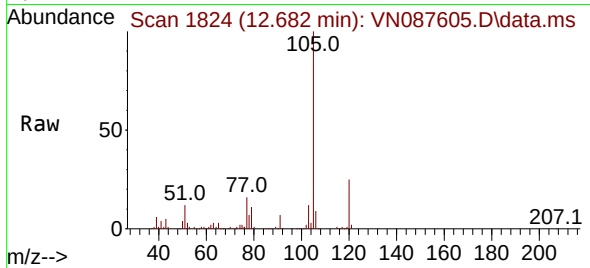
Tgt Ion: 41 Resp: 76903
Ion Ratio Lower Upper
41 100
69 76.9 37.1 111.5
39 63.3 30.7 92.1





#47
n-amy1 Acetate
Concen: 19.184 ug/l m
RT: 12.682 min Scan# 11
Delta R.T. 0.153 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

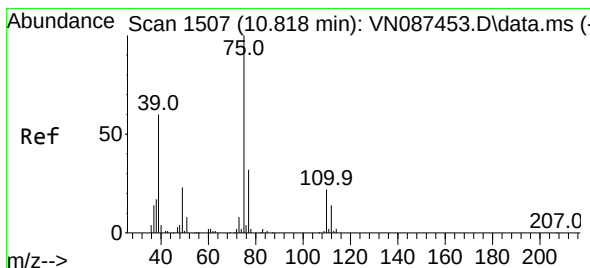
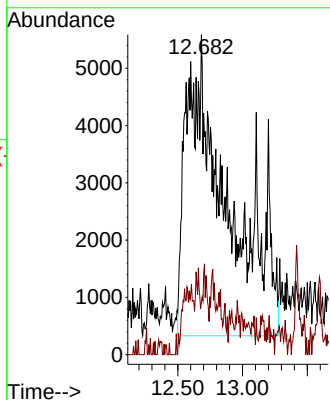
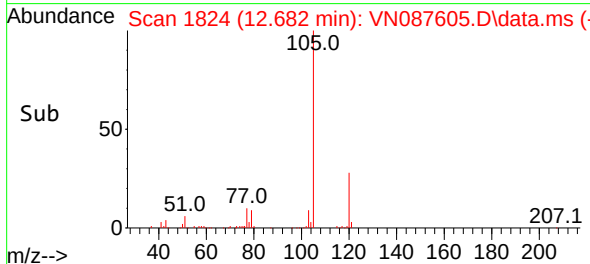
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



Tgt Ion: 43 Resp: 11309
Ion Ratio Lower Upper
43 100
55 1.9 4.6 6.8

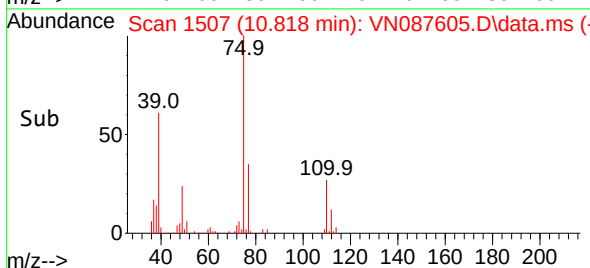
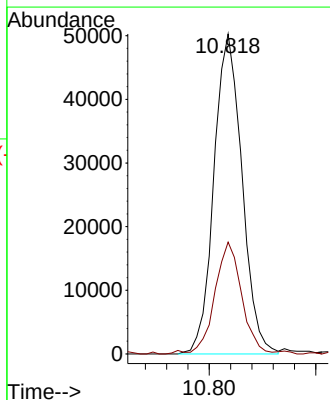
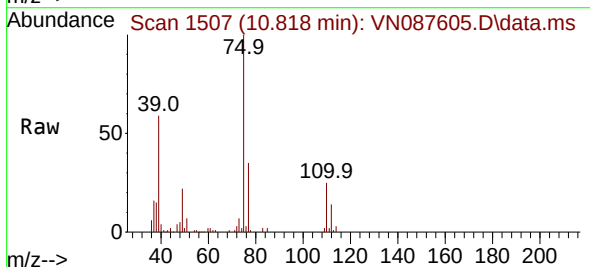
Manual Integrations
APPROVED

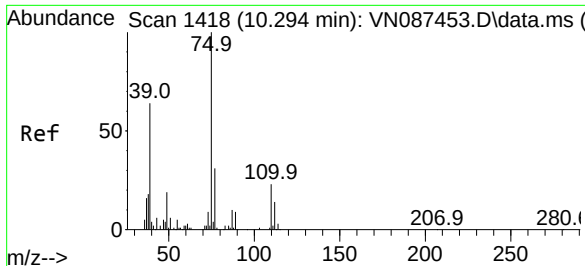
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#48
t-1,3-Dichloropropene
Concen: 15.134 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

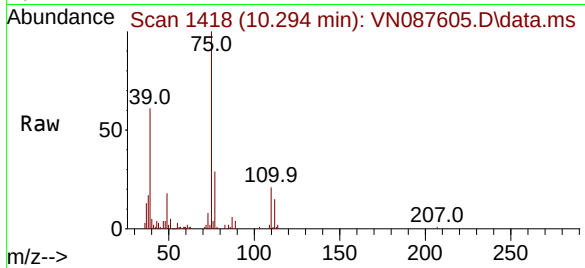
Tgt Ion: 75 Resp: 91849
Ion Ratio Lower Upper
75 100
77 34.2 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 16.232 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN087605.D
 Acq: 20 Aug 2025 10:05

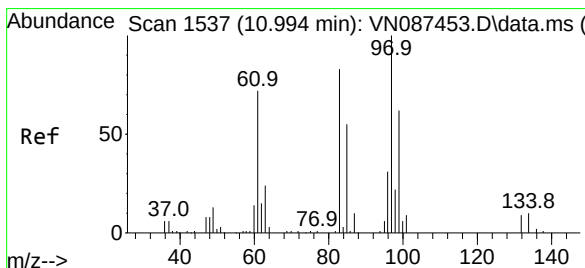
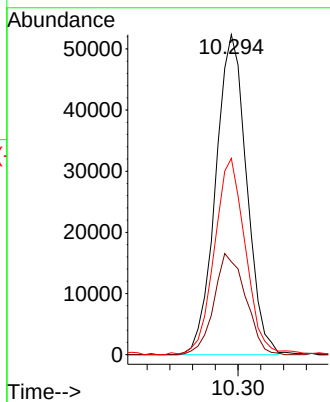
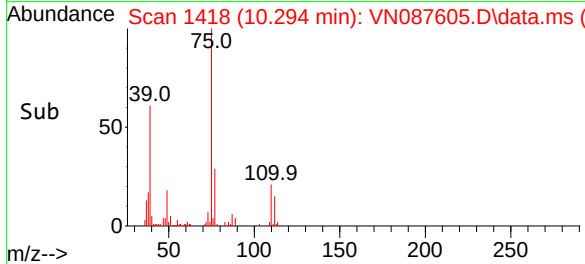
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01



Tgt Ion: 75 Resp: 9914
 Ion Ratio Lower Upper
 75 100
 77 29.1 24.6 36.8
 39 61.1 51.5 77.3

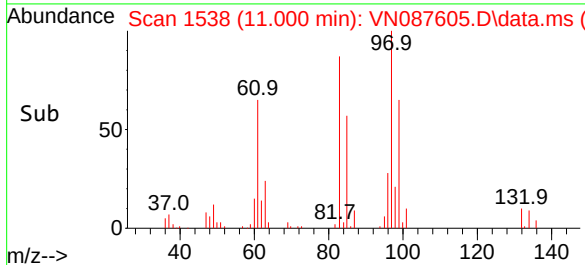
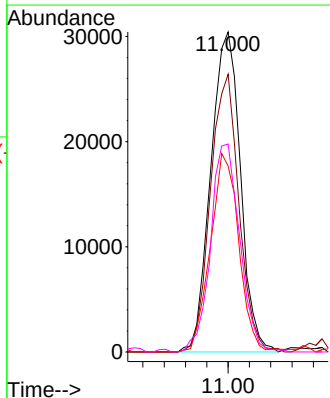
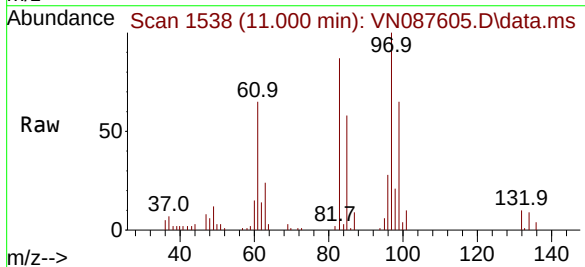
Manual Integrations
 APPROVED

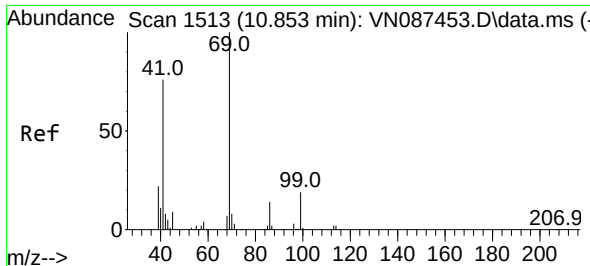
Reviewed By :John Carlone 08/21/2025
 Supervised By :Mahesh Dadoda 08/22/2025



#50
 1,1,2-Trichloroethane
 Concen: 17.347 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. 0.006 min
 Lab File: VN087605.D
 Acq: 20 Aug 2025 10:05

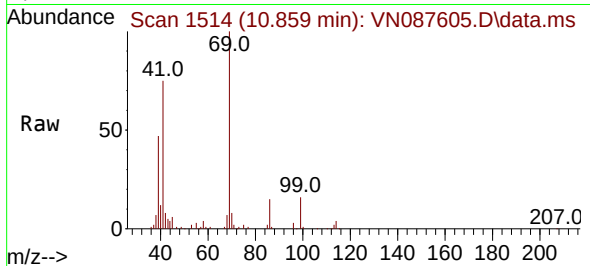
Tgt Ion: 97 Resp: 58841
 Ion Ratio Lower Upper
 97 100
 83 86.8 66.2 99.2
 85 58.1 43.9 65.9
 99 65.0 50.0 75.0





#51
Ethyl methacrylate
Concen: 14.962 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

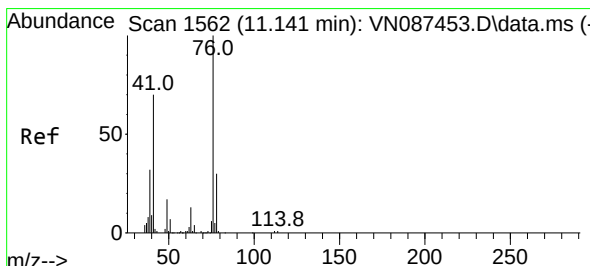
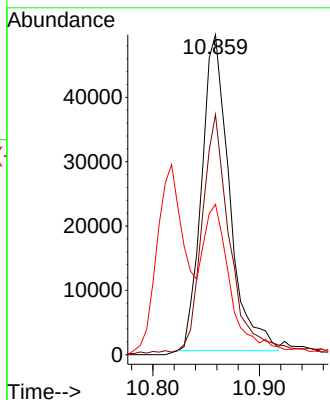
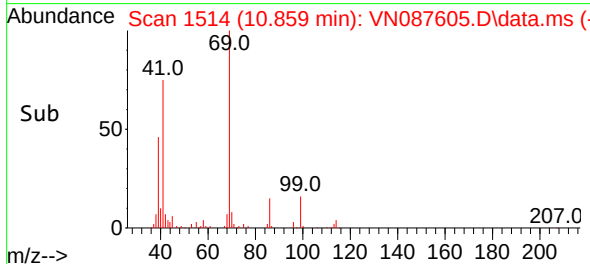
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



Tgt Ion: 69 Resp: 89379
Ion Ratio Lower Upper
69 100
41 74.6 38.0 114.1
39 45.0 23.2 69.5

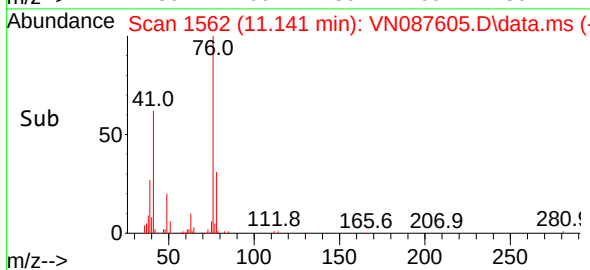
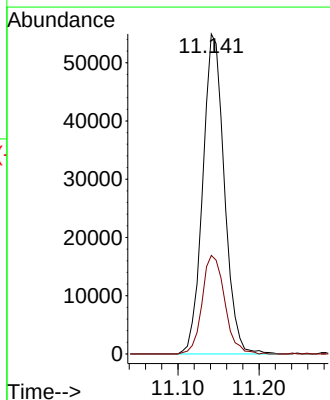
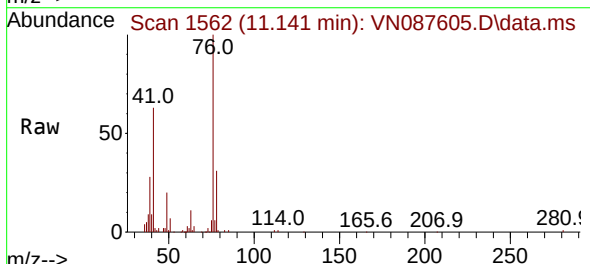
Manual Integrations
APPROVED

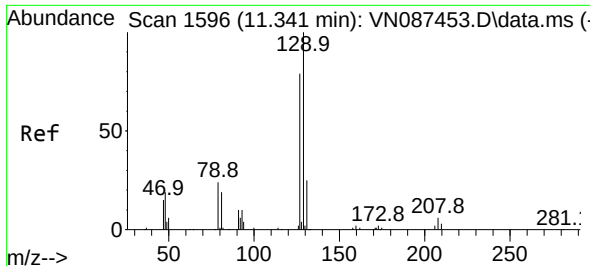
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#52
1,3-Dichloropropane
Concen: 16.596 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

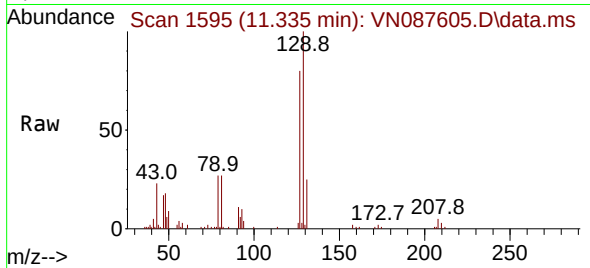
Tgt Ion: 76 Resp: 101417
Ion Ratio Lower Upper
76 100
78 32.1 0.0 63.0





#53
Dibromochloromethane
Concen: 16.295 ug/l
RT: 11.335 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

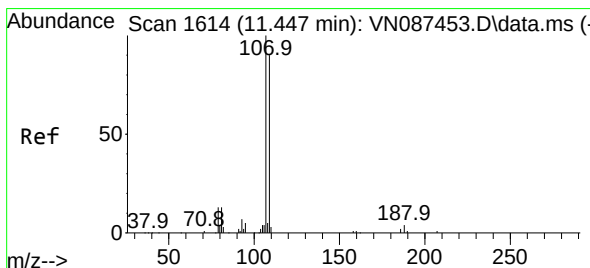
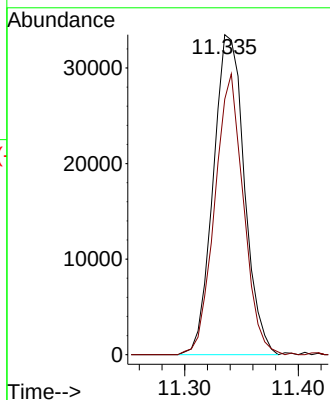
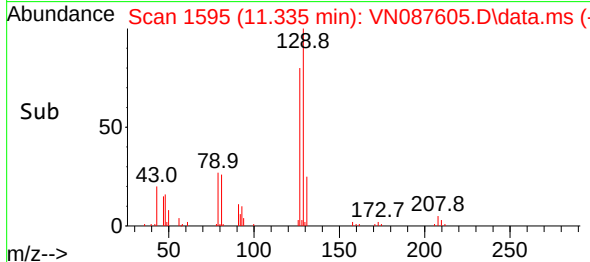
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



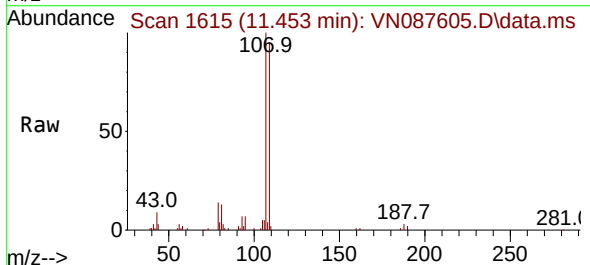
Tgt Ion:129 Resp: 6383
Ion Ratio Lower Upper
129 100
127 80.8 39.1 117.3

Manual Integrations
APPROVED

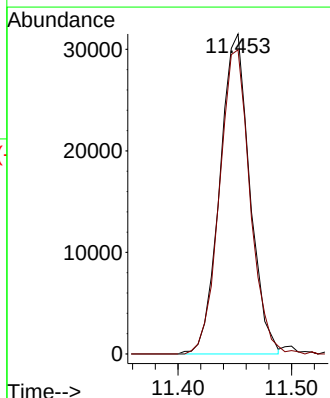
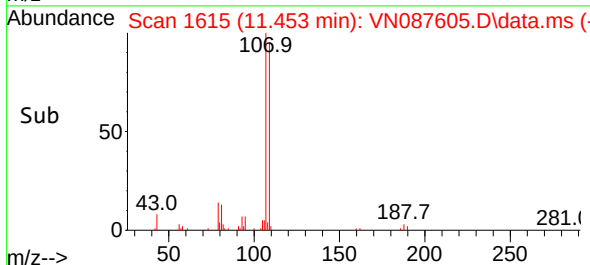
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

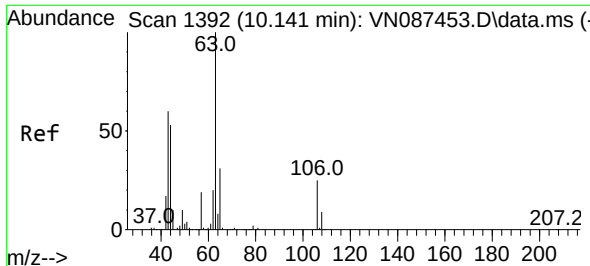


#54
1,2-Dibromoethane
Concen: 16.075 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05



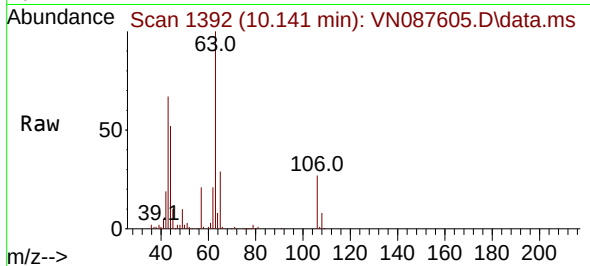
Tgt Ion:107 Resp: 57883
Ion Ratio Lower Upper
107 100
109 96.6 74.2 111.4





#55
2-Chloroethyl vinyl ether
Concen: 70.886 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

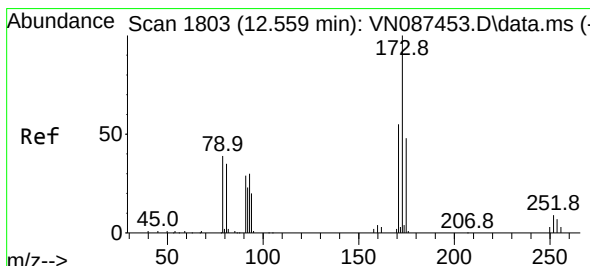
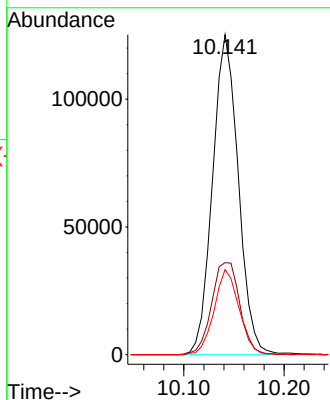
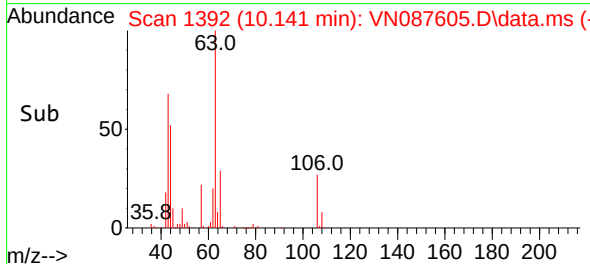
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



Tgt Ion: 63 Resp: 222919
Ion Ratio Lower Upper
63 100
65 31.6 25.7 38.5
106 25.7 20.7 31.1

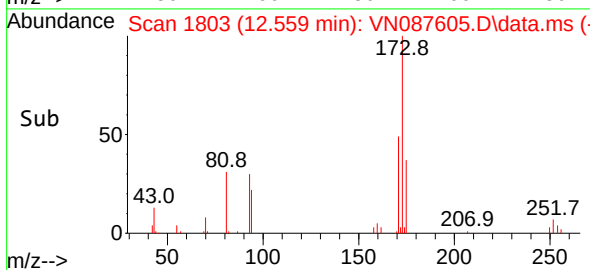
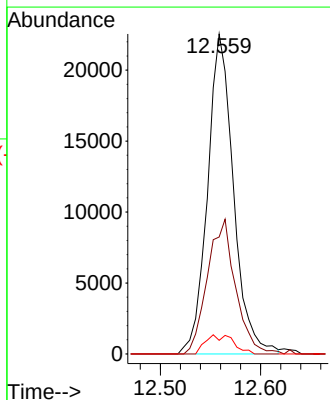
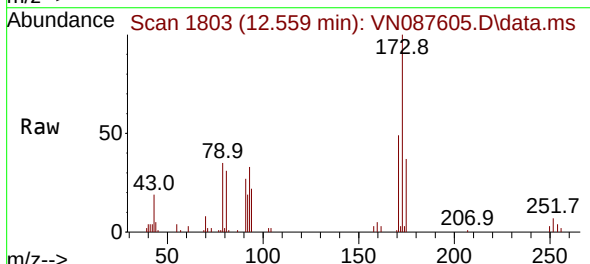
Manual Integrations
APPROVED

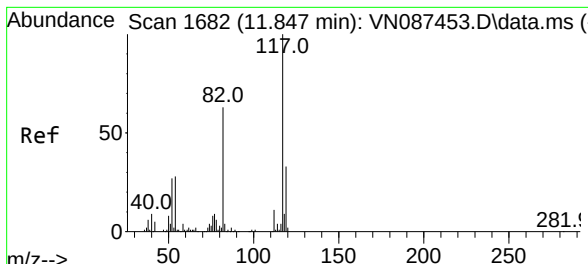
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#56
Bromoform
Concen: 15.641 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

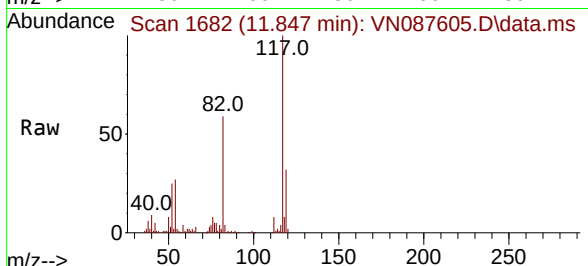
Tgt Ion:173 Resp: 40525
Ion Ratio Lower Upper
173 100
175 45.3 38.8 58.2
254 3.0 3.9 5.9#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

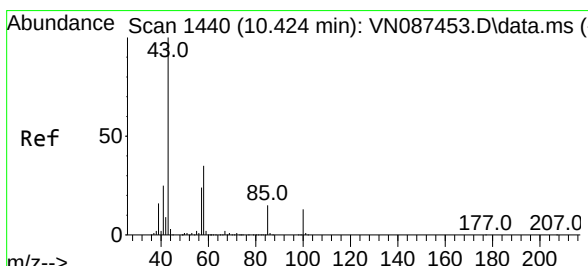
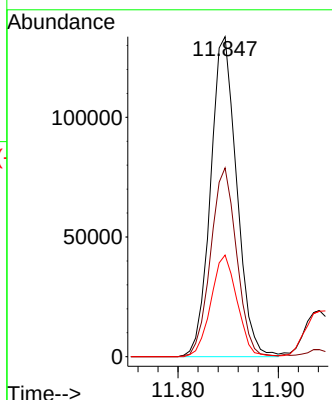
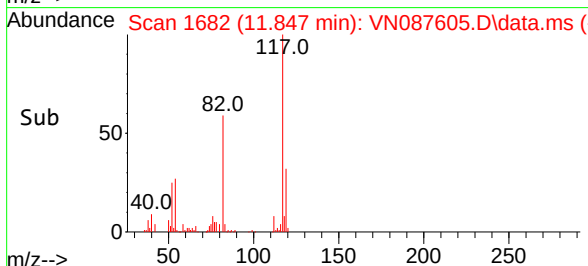
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.6	49.2	73.8
119	31.8	25.7	38.5

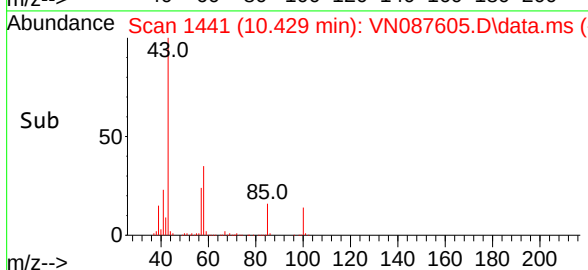
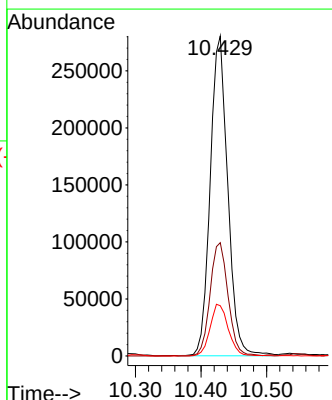
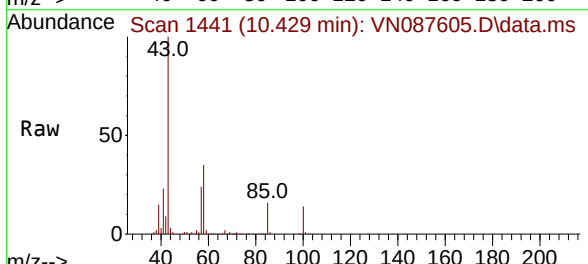
Manual Integrations
APPROVED

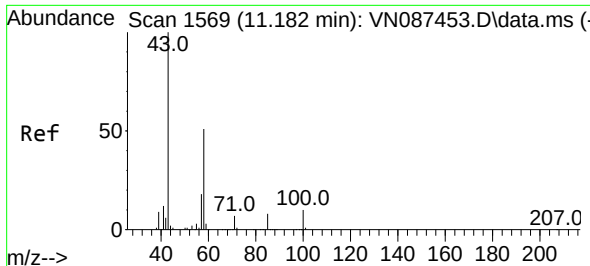
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#58
4-Methyl-2-Pentanone
Concen: 83.615 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

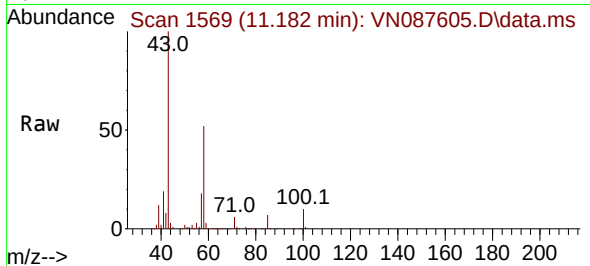
Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.3	29.0	43.6
85	16.7	12.7	19.1





#59
2-Hexanone
Concen: 73.828 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

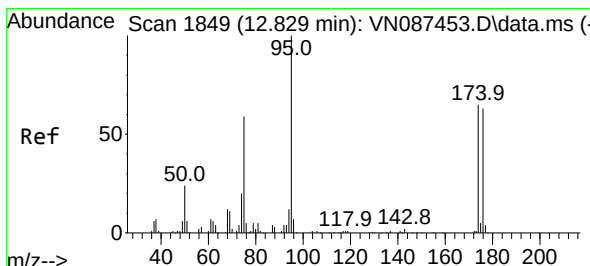
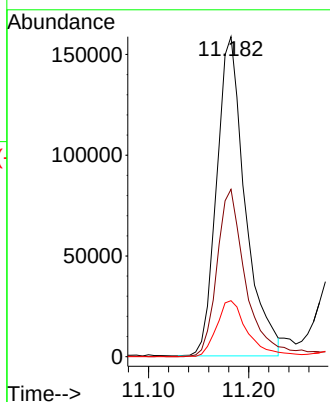
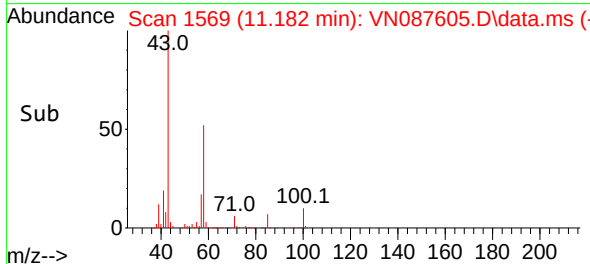
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



Tgt Ion: 43 Resp: 312499
Ion Ratio Lower Upper
43 100
58 52.5 41.0 61.6
57 18.9 14.6 21.8

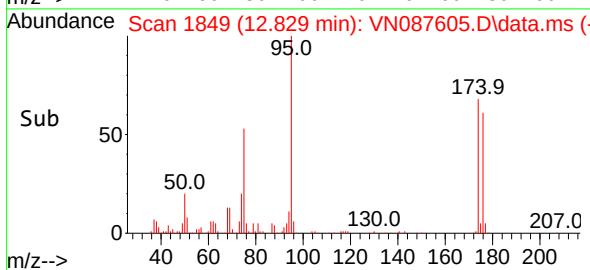
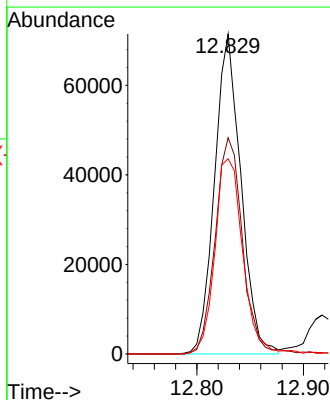
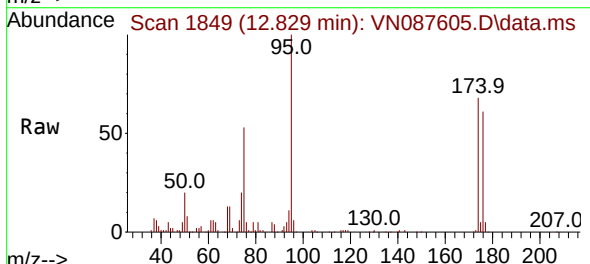
Manual Integrations
APPROVED

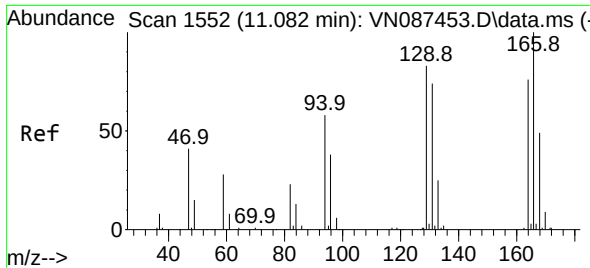
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#60
4-Bromofluorobenzene
Concen: 29.472 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

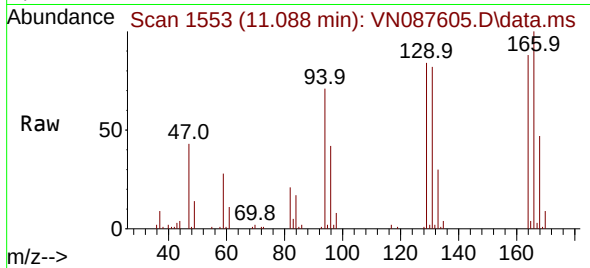
Tgt Ion: 95 Resp: 122826
Ion Ratio Lower Upper
95 100
174 69.6 52.3 78.5
176 64.1 49.8 74.8





#61
Tetrachloroethene
Concen: 18.272 ug/l
RT: 11.088 min Scan# 1552
Delta R.T. 0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

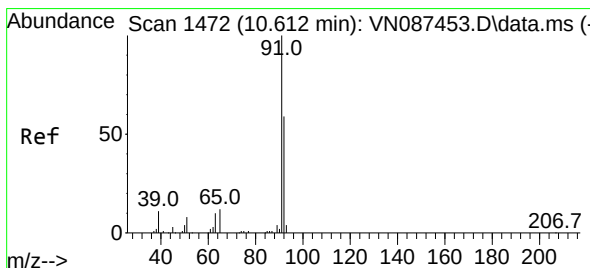
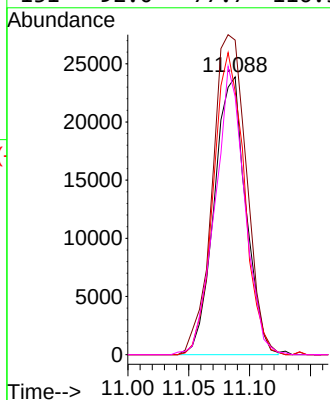
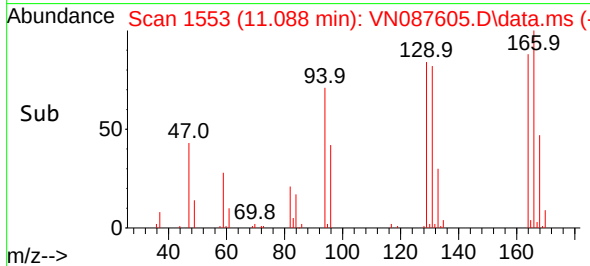
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



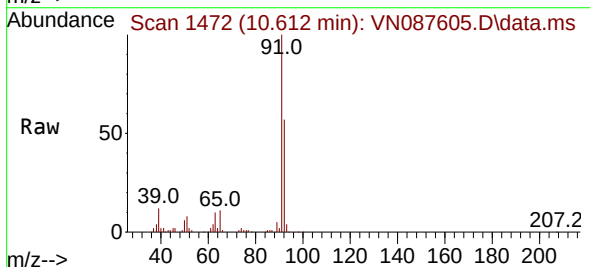
Tgt Ion:164 Resp: 43110
Ion Ratio Lower Upper
164 100
166 113.2 105.4 158.0
129 94.8 87.7 131.5
131 92.0 77.7 116.5

Manual Integrations
APPROVED

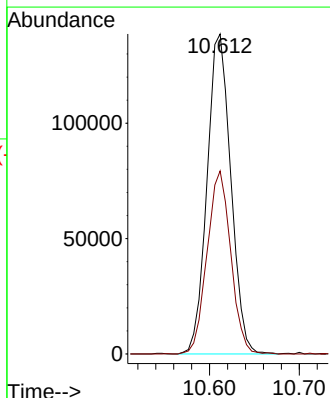
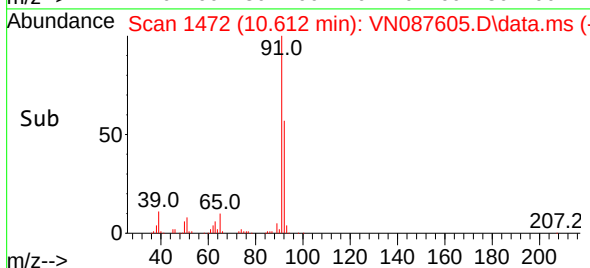
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

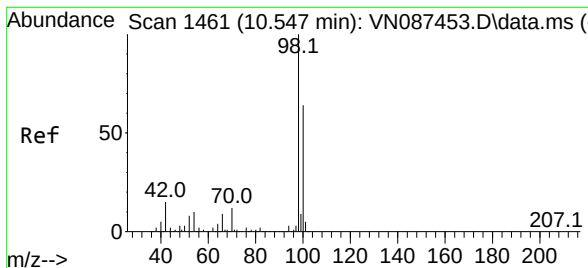


#62
Toluene
Concen: 17.080 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05



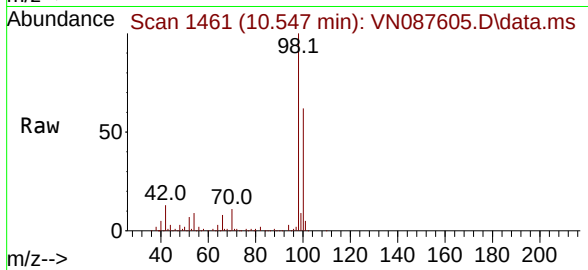
Tgt Ion: 91 Resp: 255291
Ion Ratio Lower Upper
91 100
92 56.8 45.8 68.6





#63
Toluene-d8
Concen: 30.311 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

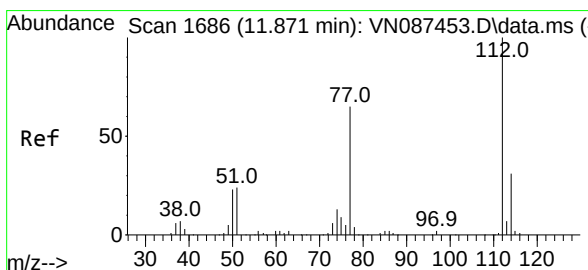
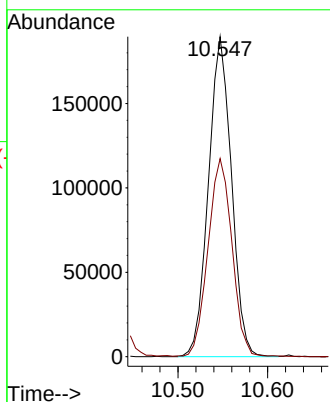
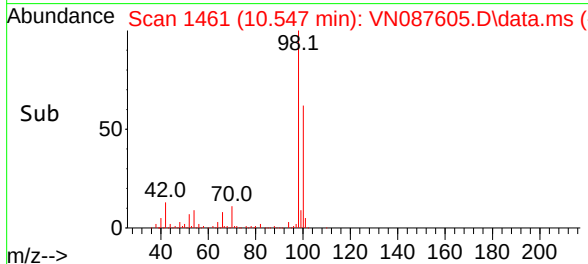
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



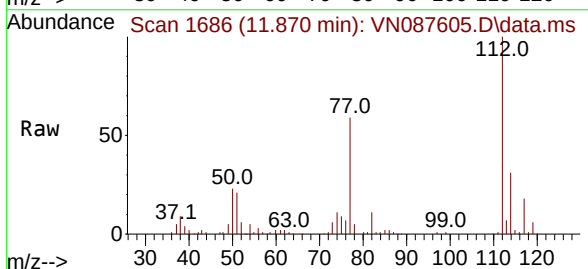
Tgt Ion: 98 Resp: 337745
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7

Manual Integrations
APPROVED

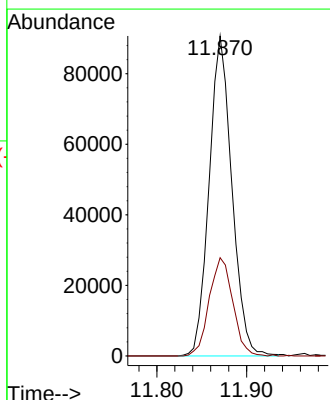
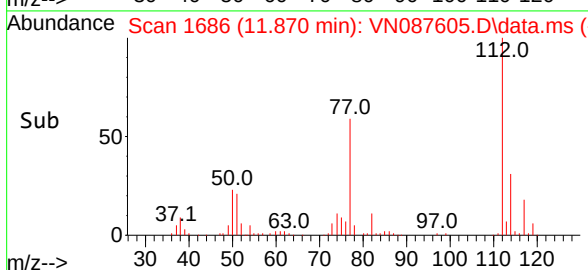
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

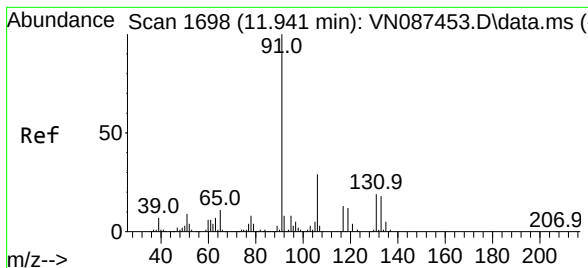


#64
Chlorobenzene
Concen: 17.399 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05



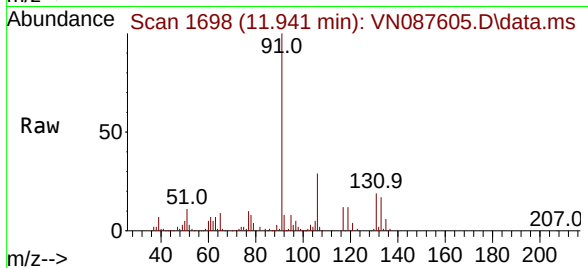
Tgt Ion:112 Resp: 159796
Ion Ratio Lower Upper
112 100
114 30.7 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 16.597 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

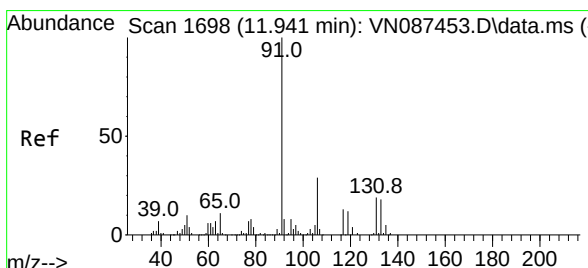
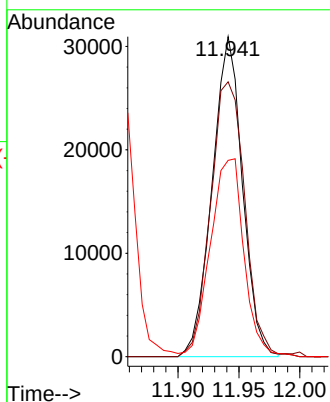
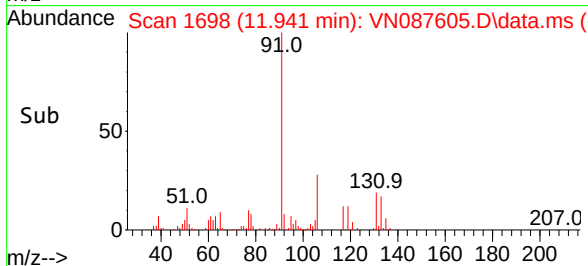
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



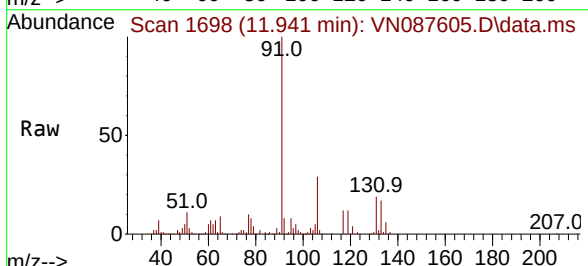
Tgt Ion:131 Resp: 53594
Ion Ratio Lower Upper
131 100
133 96.5 0.0 189.8
119 68.5 0.0 133.2

Manual Integrations
APPROVED

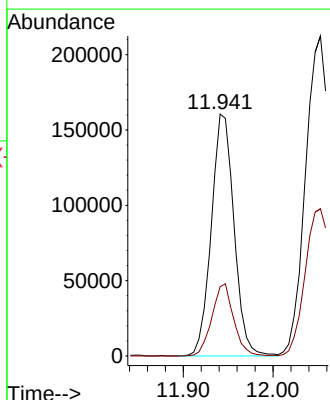
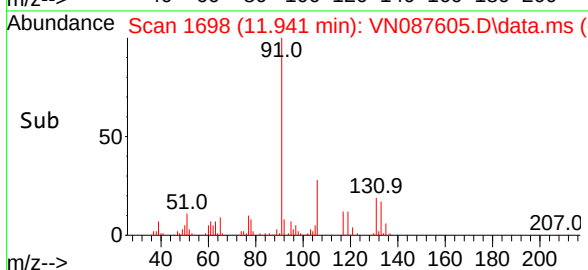
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

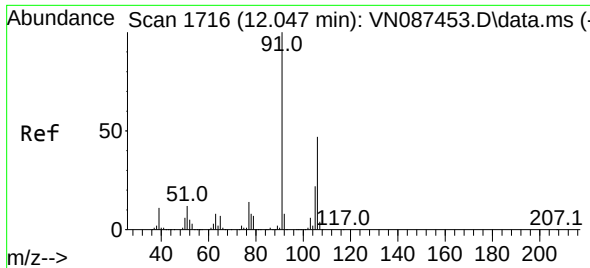


#66
Ethyl Benzene
Concen: 16.964 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05



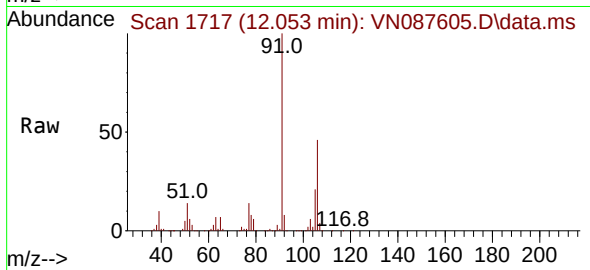
Tgt Ion: 91 Resp: 282608
Ion Ratio Lower Upper
91 100
106 28.6 22.9 34.3





#67
m/p-Xylenes
Concen: 33.209 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

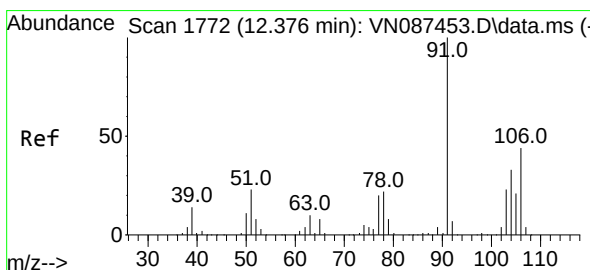
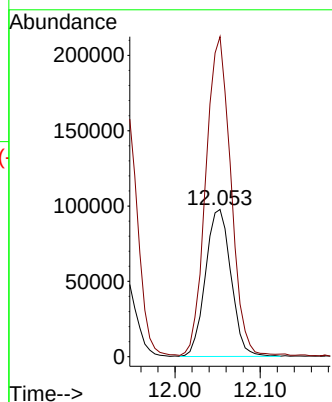
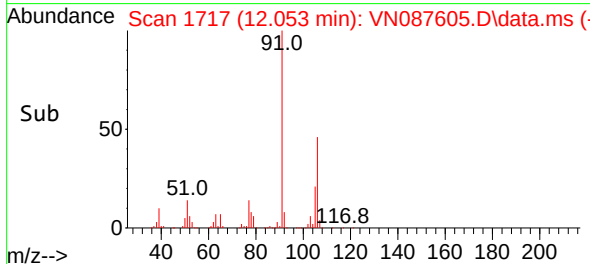
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



Tgt Ion:106 Resp: 203075
Ion Ratio Lower Upper
106 100
91 213.3 174.2 261.2

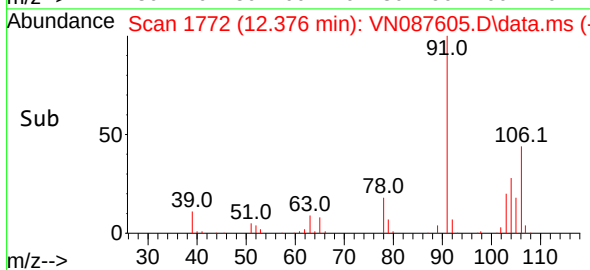
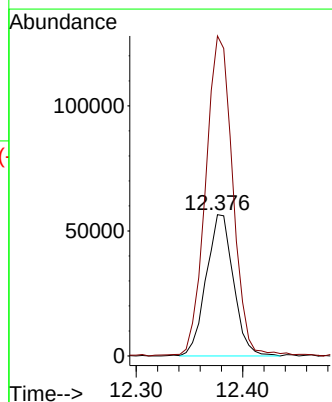
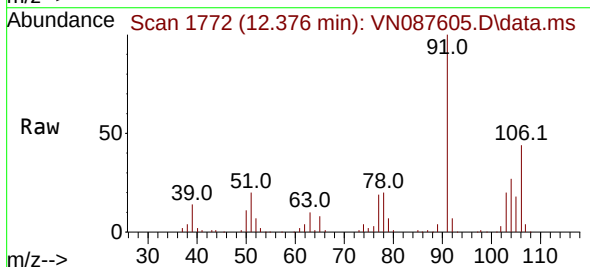
Manual Integrations
APPROVED

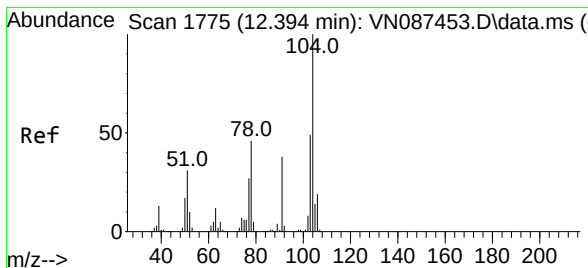
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#68
o-Xylene
Concen: 16.642 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

Tgt Ion:106 Resp: 100118
Ion Ratio Lower Upper
106 100
91 224.8 114.5 343.5





#69

Styrene

Concen: 16.614 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN087605.D

Acq: 20 Aug 2025 10:05

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD01

Tgt Ion:104 Resp: 17066

Ion Ratio Lower Upper

104 100

78 51.6 43.8 65.8

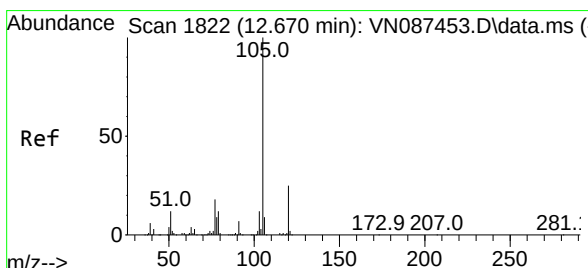
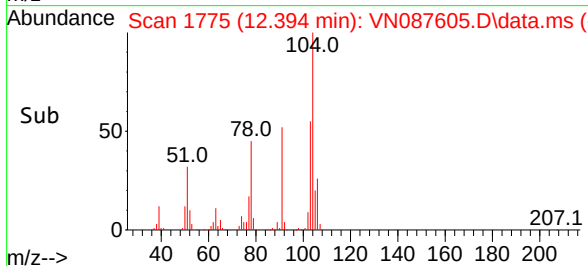
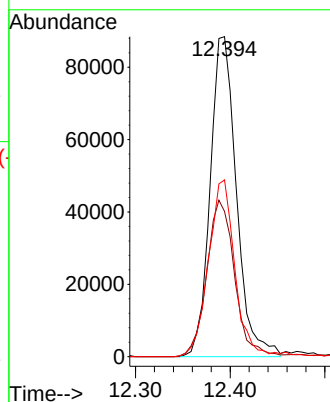
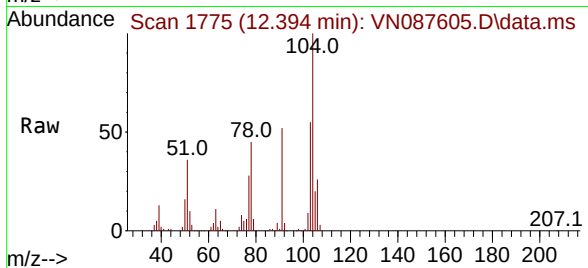
103 55.1 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/21/2025

Supervised By :Mahesh Dadoda 08/22/2025



#70

Isopropylbenzene

Concen: 16.772 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.006 min

Lab File: VN087605.D

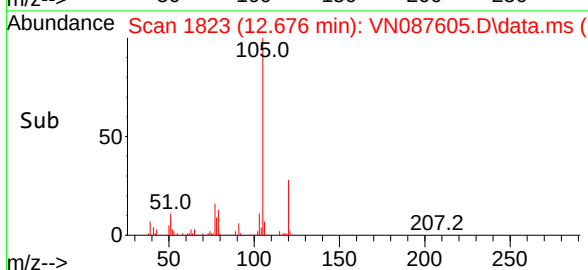
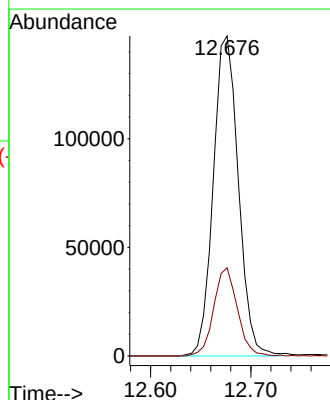
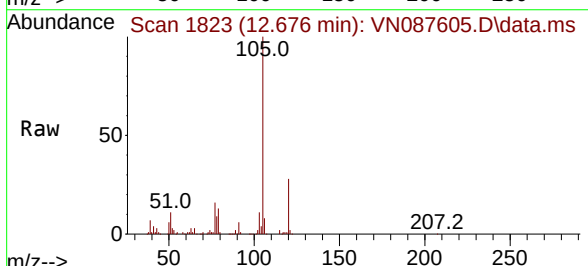
Acq: 20 Aug 2025 10:05

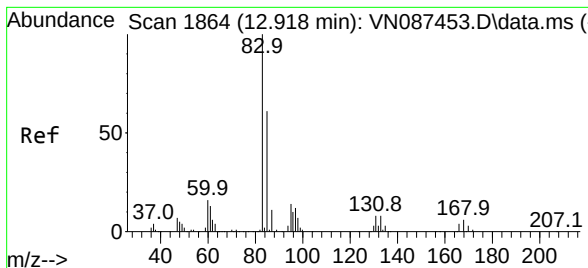
Tgt Ion:105 Resp: 256340

Ion Ratio Lower Upper

105 100

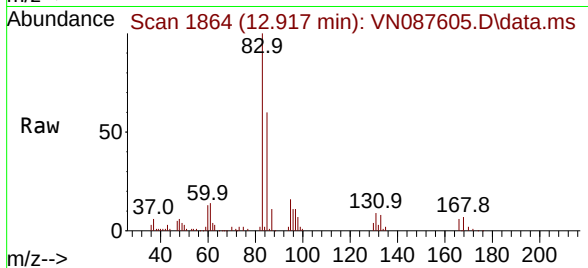
120 25.8 17.5 32.5





#71
1,1,2,2-Tetrachloroethane
Concen: 17.567 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

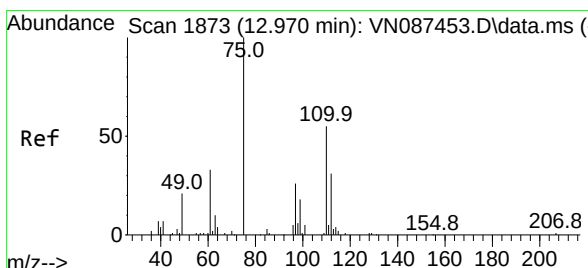
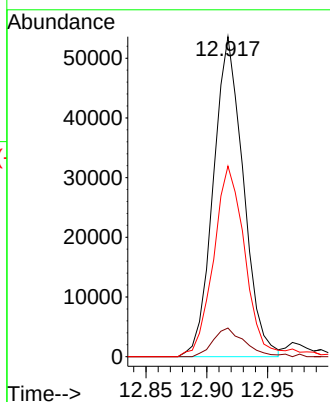
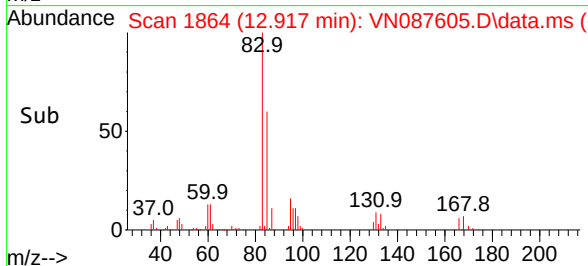
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



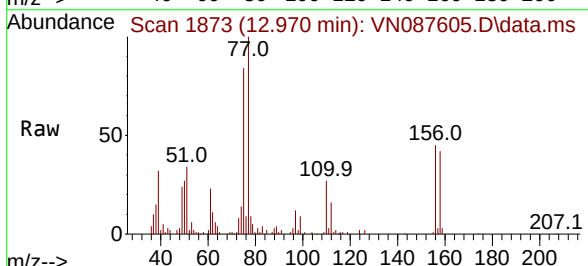
Tgt Ion: 83 Resp: 9199
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.3
85 61.9 31.7 95.1

Manual Integrations
APPROVED

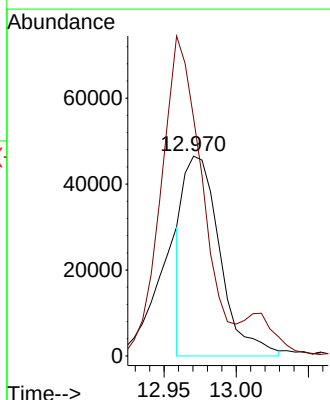
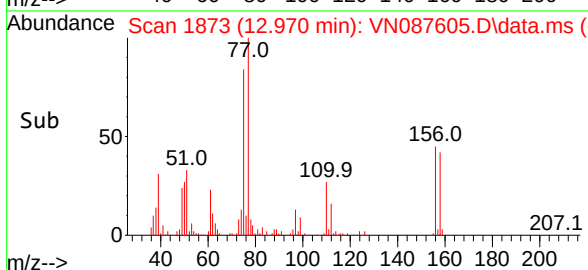
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

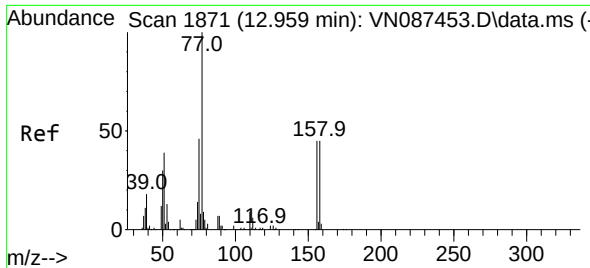


#72
1,2,3-Trichloropropane
Concen: 16.833 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05



Tgt Ion: 75 Resp: 82122
Ion Ratio Lower Upper
75 100
77 178.2 0.0 385.0





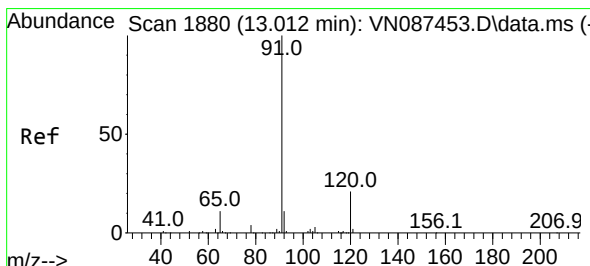
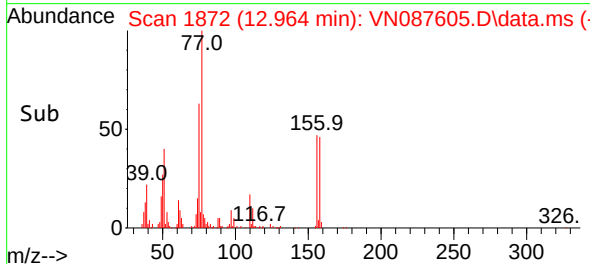
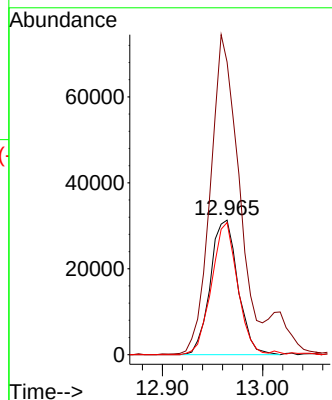
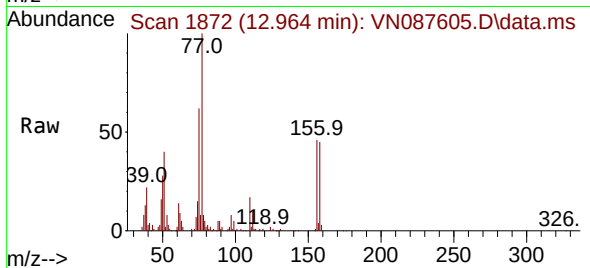
#73
Bromobenzene
Concen: 16.868 ug/l
RT: 12.964 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tgt Ion:156 Resp: 5976
Ion Ratio Lower Upper
156 100
77 244.9 0.0 506.6
158 92.9 0.0 193.6

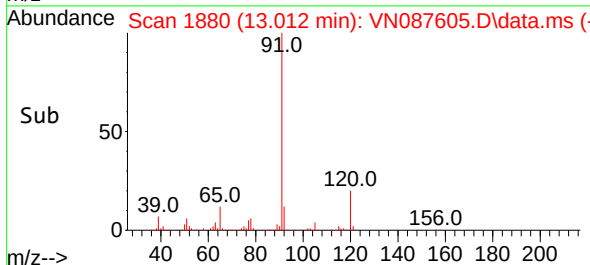
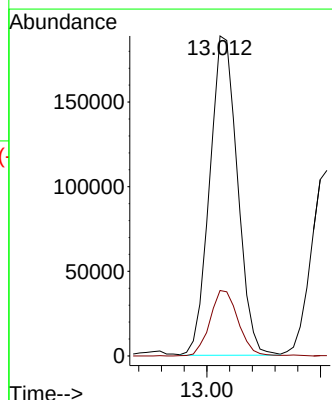
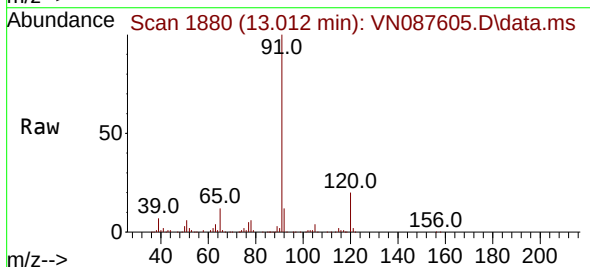
Manual Integrations
APPROVED

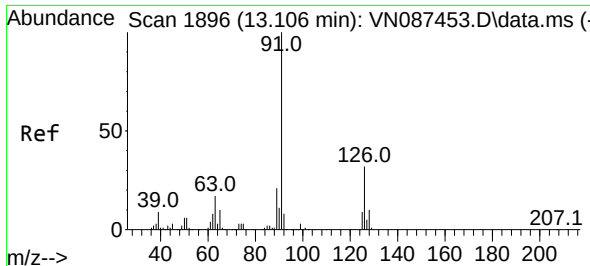
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#74
n-propylbenzene
Concen: 16.794 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

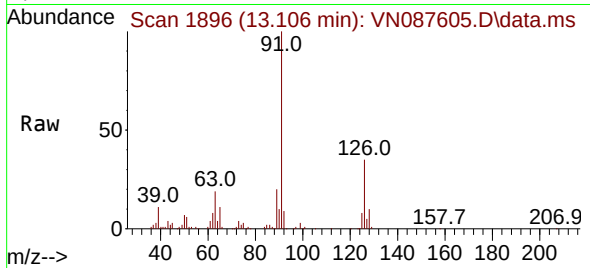
Tgt Ion: 91 Resp: 320559
Ion Ratio Lower Upper
91 100
120 20.8 0.0 41.8





#75
2-Chlorotoluene
Concen: 16.417 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

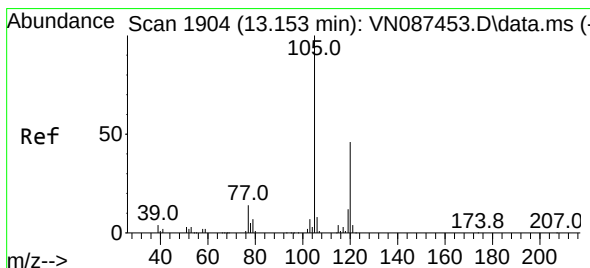
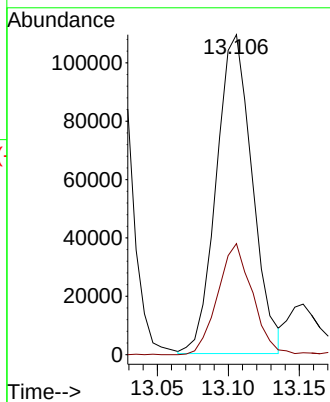
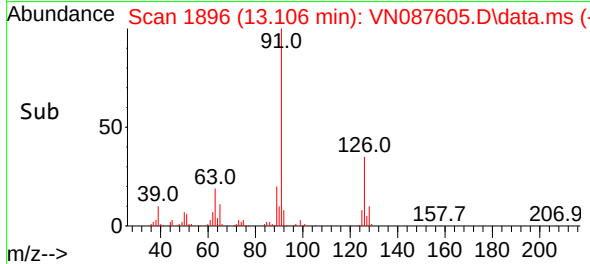
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



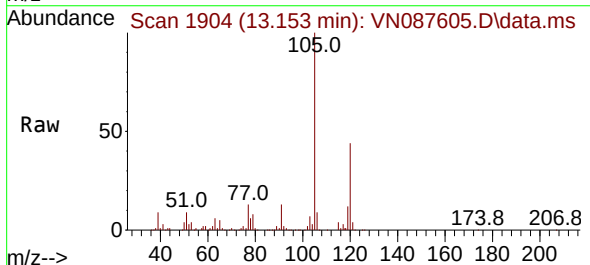
Tgt Ion: 91 Resp: 19275
Ion Ratio Lower Upper
91 100
126 33.5 0.0 60.4

Manual Integrations
APPROVED

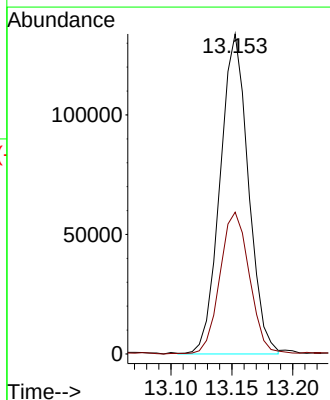
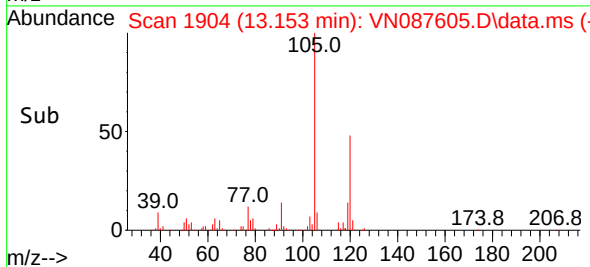
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

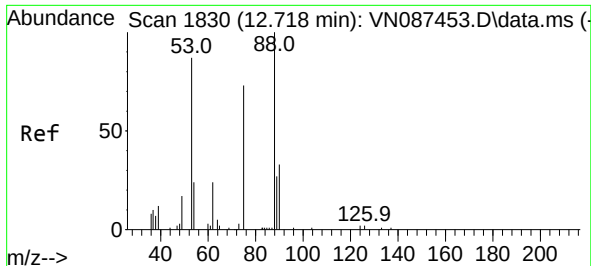


#76
1,3,5-Trimethylbenzene
Concen: 16.539 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05



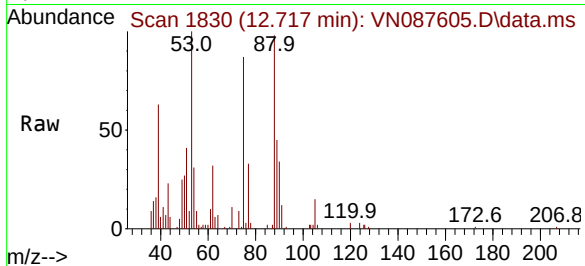
Tgt Ion:105 Resp: 216441
Ion Ratio Lower Upper
105 100
120 45.6 0.0 91.2





#77
t-1,4-Dichloro-2-butene
Concen: 14.194 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

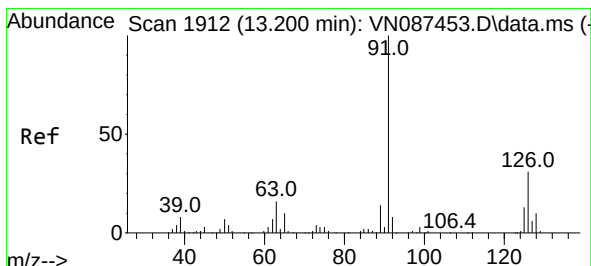
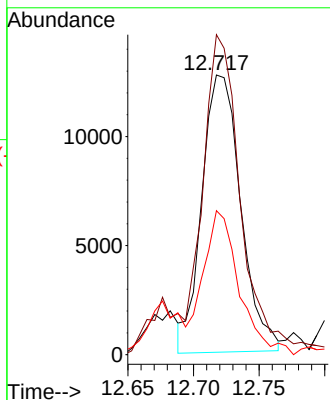
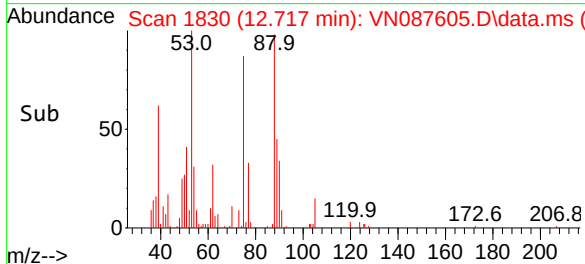
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



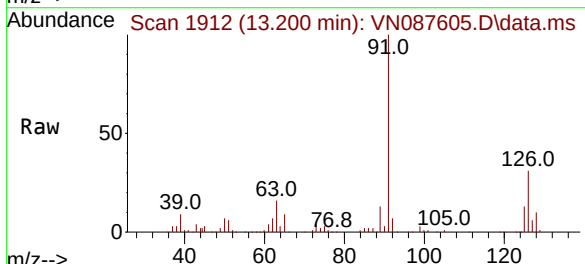
Tgt Ion: 75 Resp: 26214
Ion Ratio Lower Upper
75 100
53 111.4 59.0 176.8
89 49.8 22.1 66.5

Manual Integrations
APPROVED

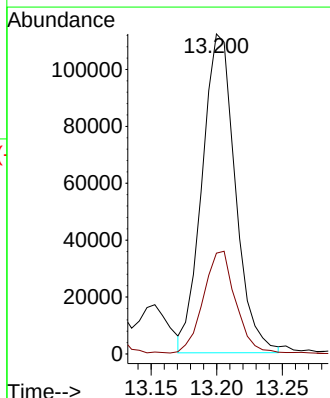
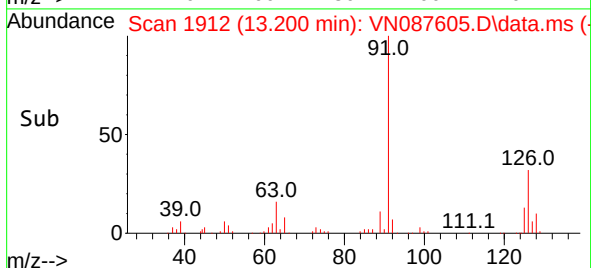
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

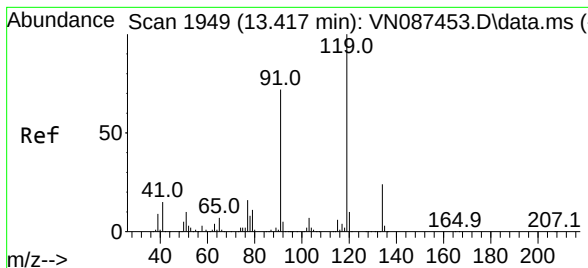


#78
4-Chlorotoluene
Concen: 16.598 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05



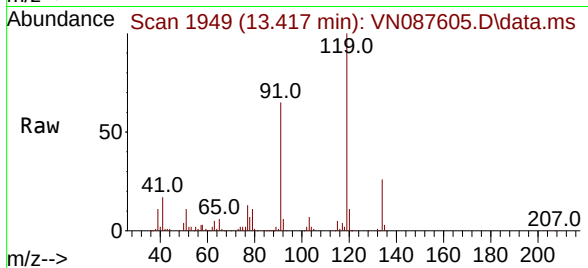
Tgt Ion: 91 Resp: 197491
Ion Ratio Lower Upper
91 100
126 30.9 0.0 63.2





#79
tert-butylbenzene
Concen: 16.736 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

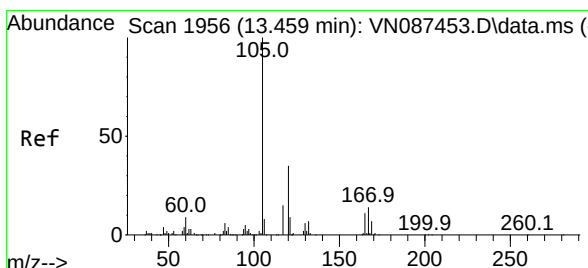
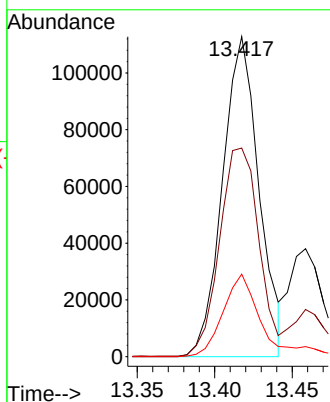
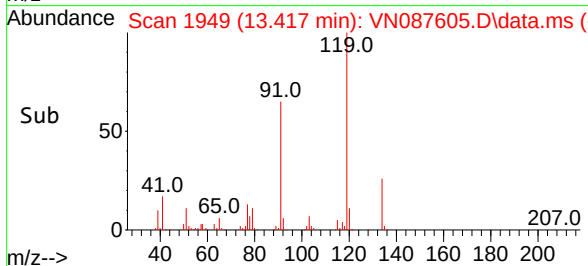
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



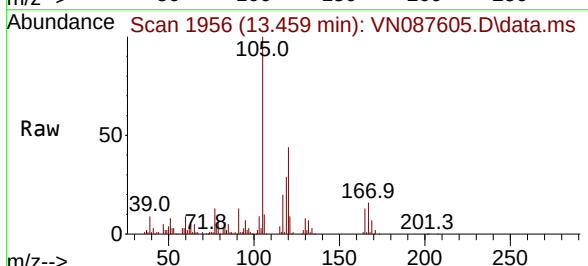
Tgt Ion:119 Resp: 18465
Ion Ratio Lower Upper
119 100
91 69.7 0.0 141.6
134 25.4 0.0 45.6

Manual Integrations
APPROVED

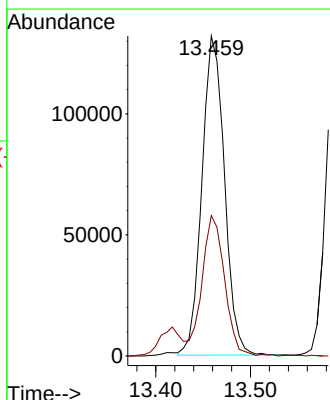
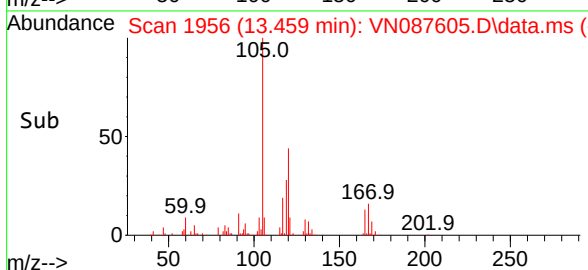
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

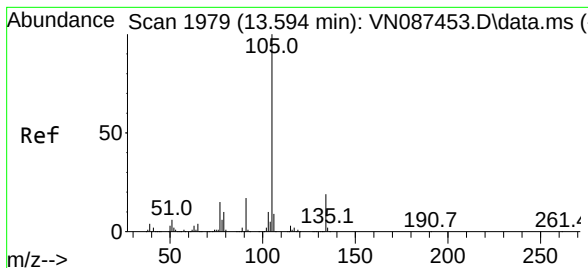


#80
1,2,4-Trimethylbenzene
Concen: 16.616 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05



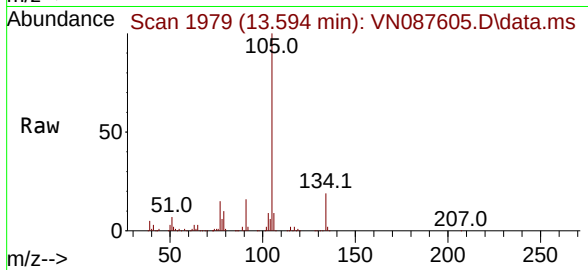
Tgt Ion:105 Resp: 217282
Ion Ratio Lower Upper
105 100
120 44.4 0.0 87.2





#81
 sec-Butylbenzene
 Concen: 17.409 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087605.D
 Acq: 20 Aug 2025 10:05

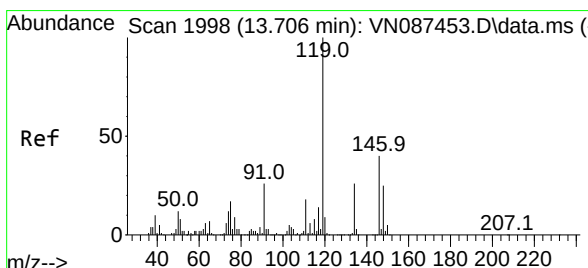
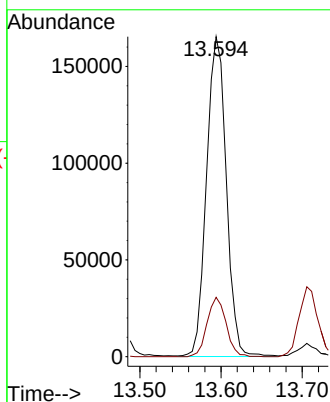
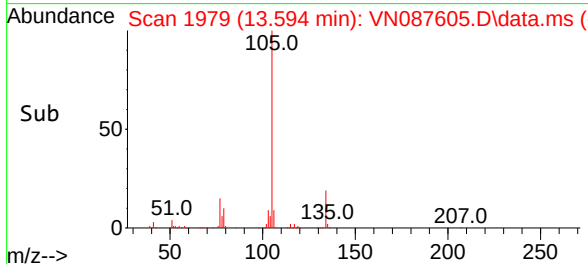
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01



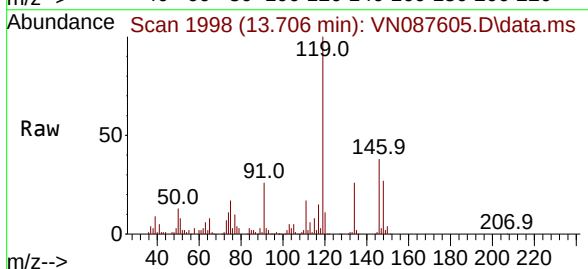
Tgt Ion:105 Resp: 279629
 Ion Ratio Lower Upper
 105 100
 134 17.8 0.0 37.6

Manual Integrations
 APPROVED

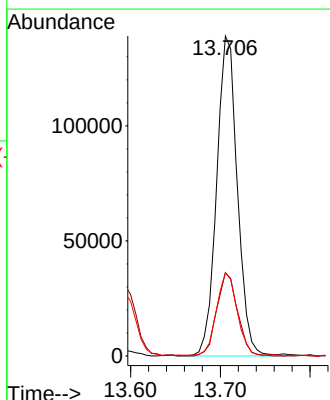
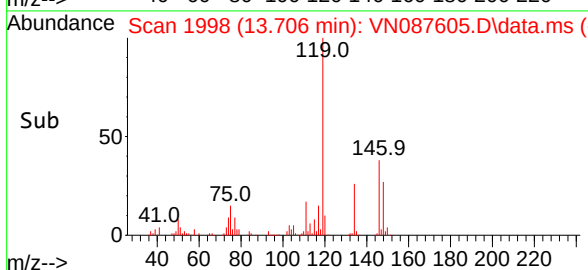
Reviewed By :John Carlone 08/21/2025
 Supervised By :Mahesh Dadoda 08/22/2025

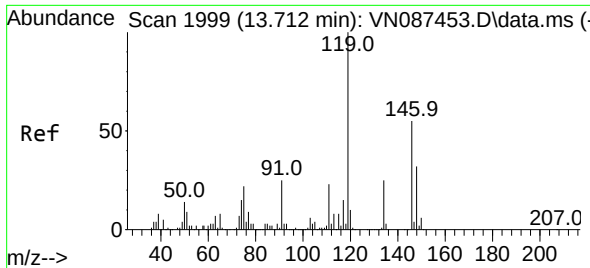


#82
 p-Isopropyltoluene
 Concen: 16.706 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087605.D
 Acq: 20 Aug 2025 10:05



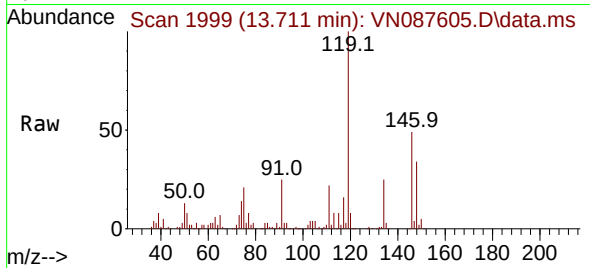
Tgt Ion:119 Resp: 222802
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.4
 91 25.8 0.0 52.0





#83
1,3-Dichlorobenzene
Concen: 17.199 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

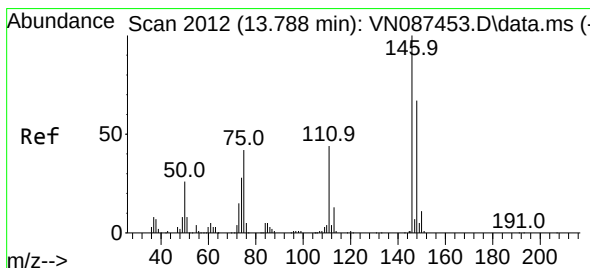
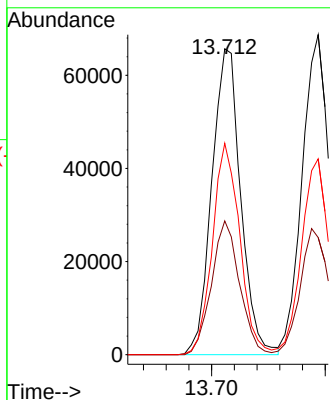
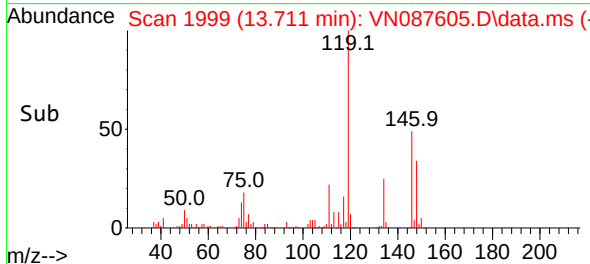
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



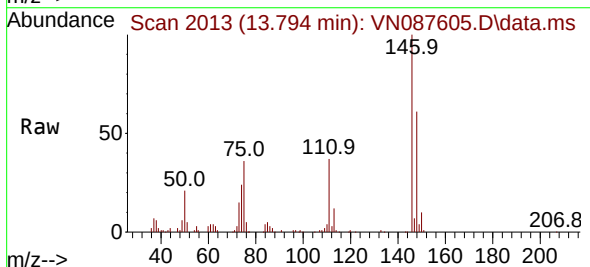
Tgt Ion:146 Resp: 116038
Ion Ratio Lower Upper
146 100
111 42.6 21.9 65.5
148 65.4 31.3 93.9

Manual Integrations
APPROVED

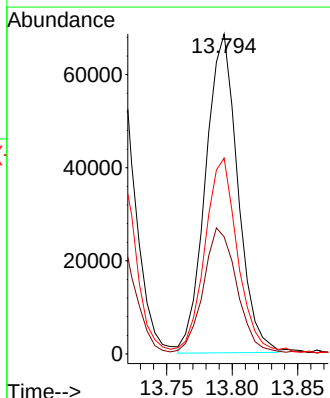
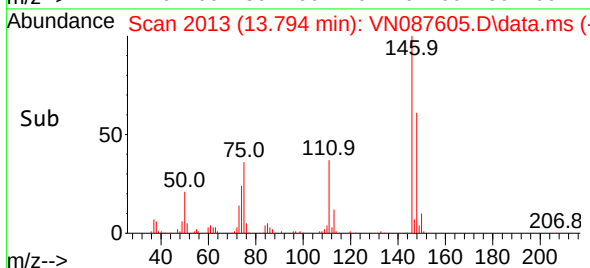
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

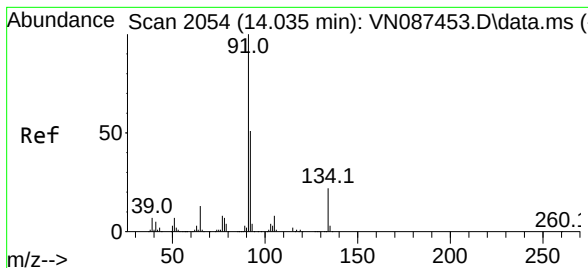


#84
1,4-Dichlorobenzene
Concen: 17.094 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05



Tgt Ion:146 Resp: 116929
Ion Ratio Lower Upper
146 100
111 41.7 21.1 63.1
148 62.8 31.4 94.3





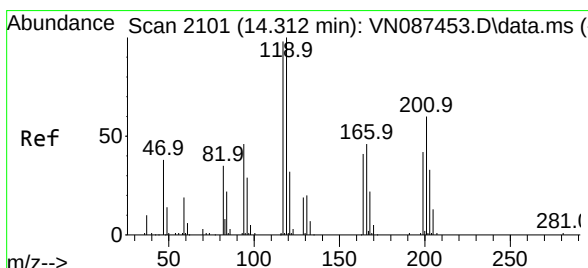
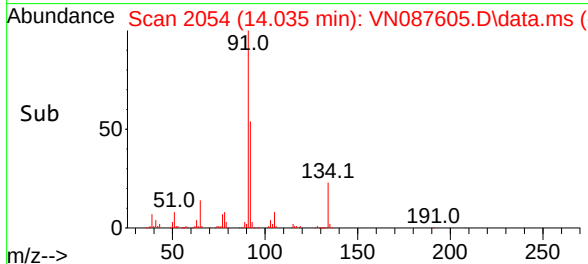
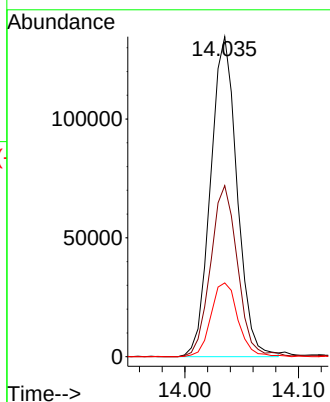
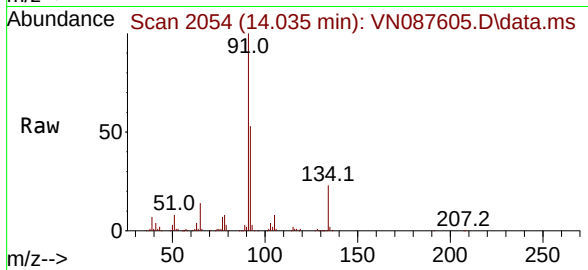
#85
n-Butylbenzene
Concen: 16.752 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tgt Ion: 91 Resp: 218590
Ion Ratio Lower Upper
91 100
92 53.7 0.0 106.6
134 23.4 0.0 44.4

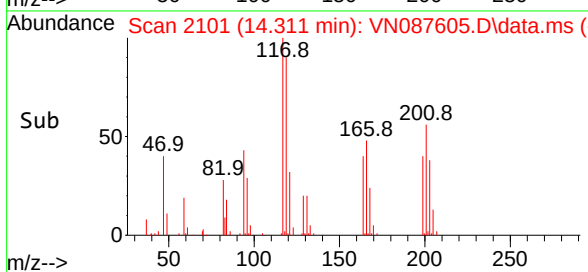
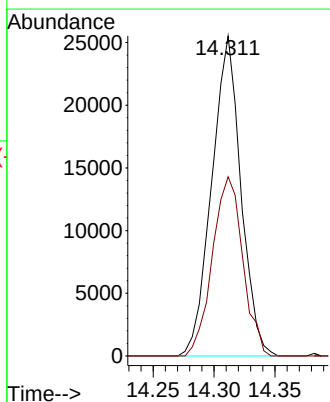
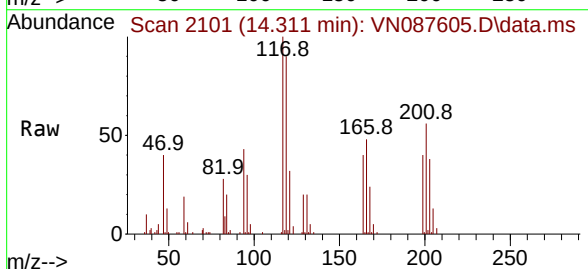
Manual Integrations
APPROVED

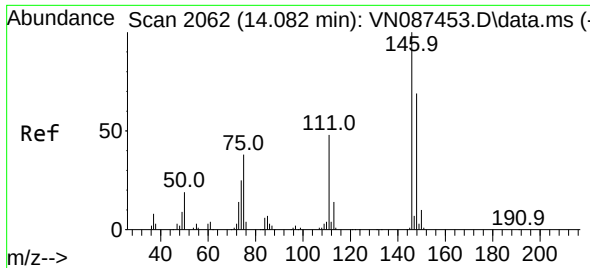
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#86
Hexachloroethane
Concen: 16.291 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

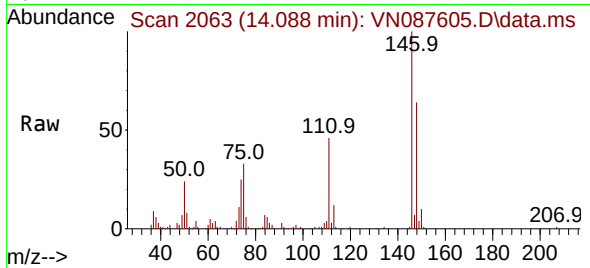
Tgt Ion:117 Resp: 42428
Ion Ratio Lower Upper
117 100
201 58.4 29.1 87.4





#87
1,2-Dichlorobenzene
Concen: 17.069 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

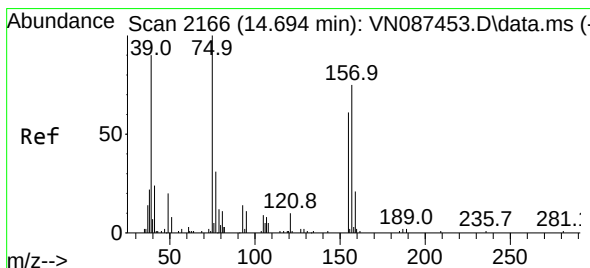
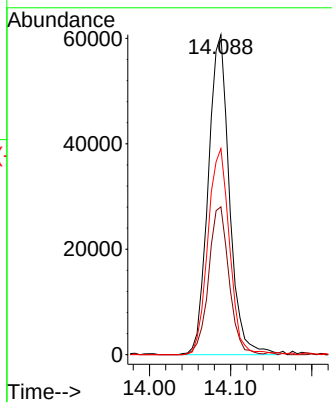
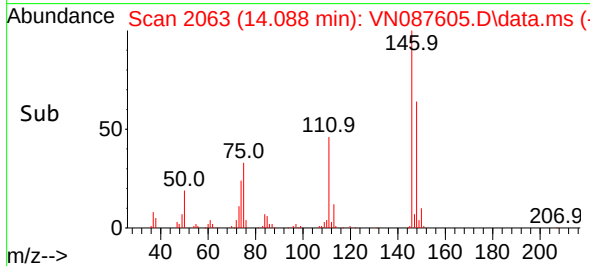
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



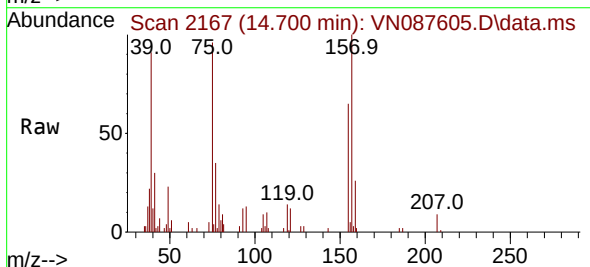
Tgt Ion:146 Resp: 109929
Ion Ratio Lower Upper
146 100
111 44.7 22.9 68.7
148 65.1 31.6 94.7

Manual Integrations
APPROVED

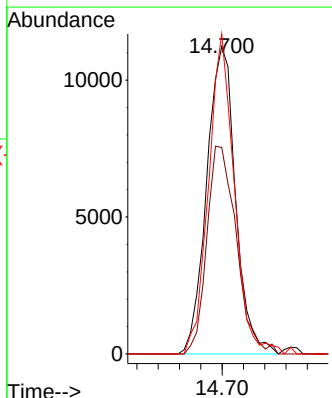
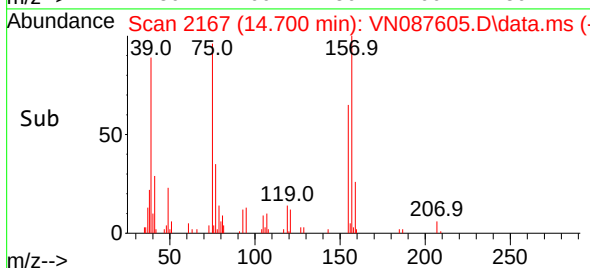
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

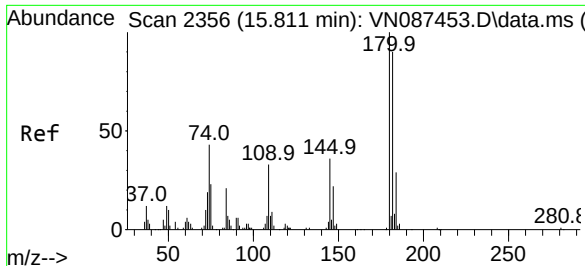


#88
1,2-Dibromo-3-Chloropropane
Concen: 15.929 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05



Tgt Ion: 75 Resp: 21132
Ion Ratio Lower Upper
75 100
155 68.5 55.7 83.5
157 91.1 65.8 98.6





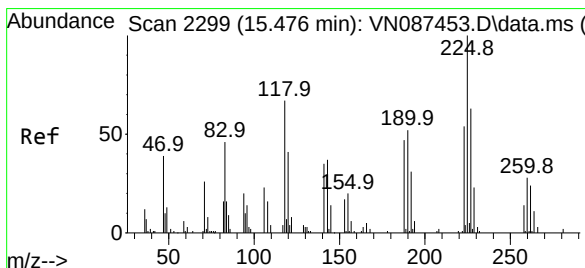
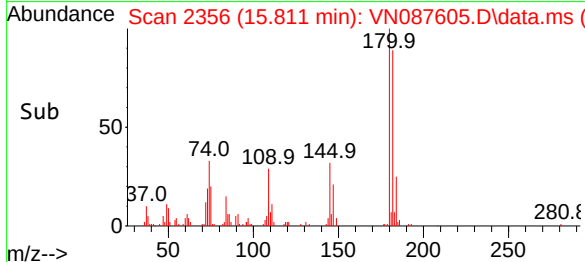
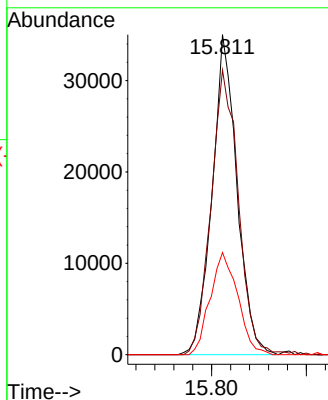
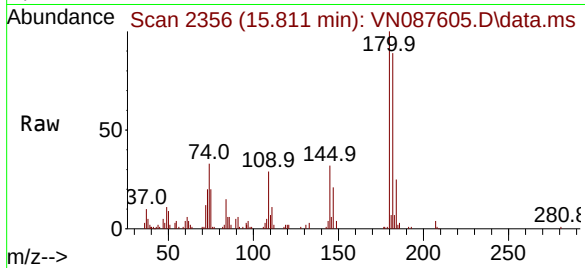
#89
1,2,4-Trichlorobenzene
Concen: 16.571 ug/l
RT: 15.811 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tgt Ion:180 Resp: 6378
Ion Ratio Lower Upper
180 100
182 96.9 75.0 112.4
145 35.4 28.6 43.0

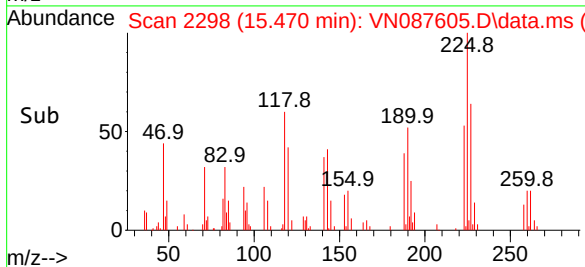
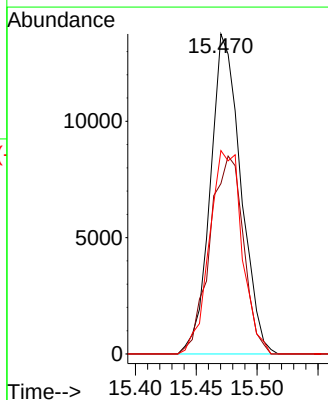
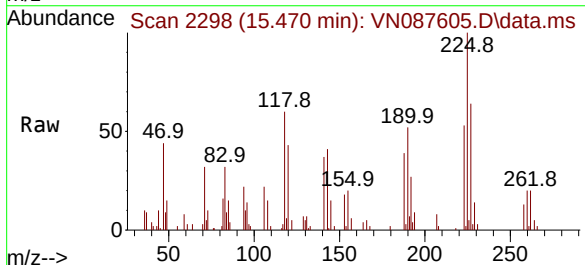
Manual Integrations
APPROVED

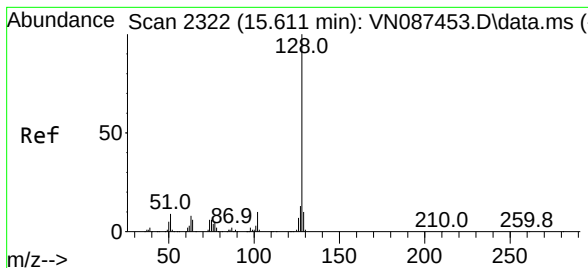
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#90
Hexachlorobutadiene
Concen: 15.975 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

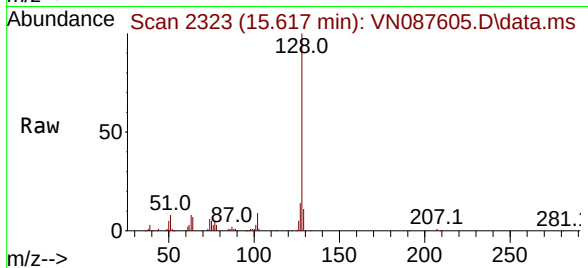
Tgt Ion:225 Resp: 23909
Ion Ratio Lower Upper
225 100
223 68.4 0.0 116.0
227 68.4 0.0 127.0





#91
Naphthalene
Concen: 16.431 ug/l
RT: 15.617 min Scan# 2114
Delta R.T. 0.006 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05

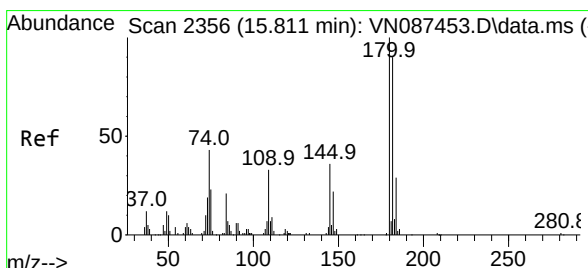
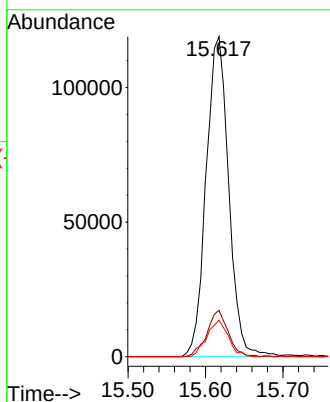
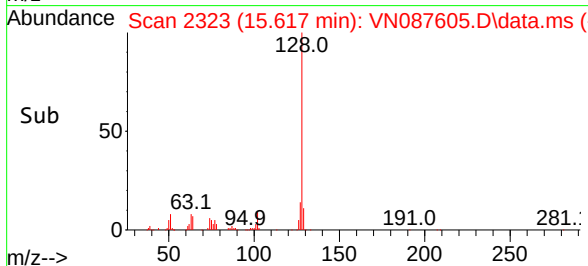
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01



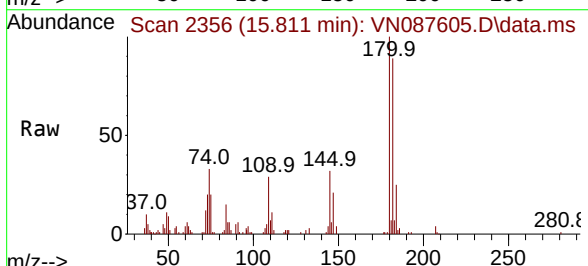
Tgt Ion:128 Resp: 241140
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#92
1,2,3-Trichlorobenzene
Concen: 16.571 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087605.D
Acq: 20 Aug 2025 10:05



Tgt Ion:180 Resp: 63782
Ion Ratio Lower Upper
180 100
182 96.9 0.0 187.4
145 35.4 0.0 71.6

