

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063025\
 Data File : VN087239.D
 Acq On : 30 Jun 2025 13:26
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 01 02:51:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 02:39:52 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/01/2025
 Supervised By : Mahesh Dadoda 07/01/2025

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	130832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	217914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	198493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	8576	5.223	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.440%#		
35) Dibromofluoromethane	8.171	113	6811	4.881	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.760%#		
50) Toluene-d8	10.565	98	24770	4.554	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.100%#		
62) 4-Bromofluorobenzene	12.847	95	8493	4.389	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	8.780%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	5877	4.616	ug/l	98
3) Chloromethane	2.395	50	4888	4.728	ug/l #	80
4) Vinyl Chloride	2.554	62	6432	5.060	ug/l	92
5) Bromomethane	2.983	94	5807	5.006	ug/l	85
6) Chloroethane	3.148	64	5010	4.976	ug/l #	85
7) Trichlorofluoromethane	3.530	101	11176	5.067	ug/l	91
8) Diethyl Ether	3.989	74	3700	5.257	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.395	101	6560	5.123	ug/l	95
10) Methyl Iodide	4.618	142	4343	3.418	ug/l #	88
11) Tert butyl alcohol	5.547	59	7145	23.876	ug/l #	86
12) 1,1-Dichloroethene	4.359	96	5888	4.840	ug/l	84
13) Acrolein	4.201	56	4647	22.420	ug/l	91
14) Allyl chloride	5.048	41	7376	4.947	ug/l	97
15) Acrylonitrile	5.736	53	18189	24.466	ug/l	94
16) Acetone	4.442	43	15512	24.710	ug/l	90
17) Carbon Disulfide	4.742	76	18128	4.967	ug/l #	95
18) Methyl Acetate	5.042	43	7085	4.930	ug/l	96
19) Methyl tert-butyl Ether	5.818	73	20253	4.750	ug/l	95
20) Methylene Chloride	5.300	84	7222	5.193	ug/l #	94
21) trans-1,2-Dichloroethene	5.806	96	7219	4.911	ug/l #	79
22) Diisopropyl ether	6.683	45	16810	4.709	ug/l	97
23) Vinyl Acetate	6.618	43	74911	22.691	ug/l	97
24) 1,1-Dichloroethane	6.583	63	11739	5.019	ug/l #	90
25) 2-Butanone	7.494	43	23187	23.635	ug/l	99
26) 2,2-Dichloropropane	7.494	77	11168	4.990	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	8016	4.722	ug/l	98
28) Bromochloromethane	7.818	49	5191	5.028	ug/l #	99
29) Tetrahydrofuran	7.847	42	14321	22.653	ug/l	99
30) Chloroform	7.977	83	12926	4.986	ug/l	99
31) Cyclohexane	8.259	56	12851	5.747	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	12021	4.979	ug/l #	52
36) 1,1-Dichloropropene	8.377	75	8686	4.578	ug/l	96
37) Ethyl Acetate	7.577	43	9226	4.523	ug/l #	77
38) Carbon Tetrachloride	8.365	117	10388	4.831	ug/l	98
39) Methylcyclohexane	9.600	83	10082	4.462	ug/l	93
40) Benzene	8.612	78	27665	4.706	ug/l	98

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
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 Supervised By : Mahesh Dadoda 07/01/2025

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	4482	4.596	ug/l	96
42) 1,2-Dichloroethane	8.671	62	9527	4.873	ug/l	99
43) Isopropyl Acetate	8.688	43	14551	4.600	ug/l	99
44) Trichloroethene	9.353	130	7916	5.068	ug/l	99
45) 1,2-Dichloropropane	9.624	63	5993	4.676	ug/l	100
46) Dibromomethane	9.712	93	5096	4.674	ug/l	95
47) Bromodichloromethane	9.888	83	10653	5.123	ug/l	98
48) Methyl methacrylate	9.688	41	5910	4.433	ug/l	91
49) 1,4-Dioxane	9.706	88	2216	95.176	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	41051	21.210	ug/l	91
52) Toluene	10.630	92	17699	4.591	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	10159	4.555	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	10766	4.737	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	7205	4.947	ug/l	90
56) Ethyl methacrylate	10.894	69	7424m	3.479	ug/l	
57) 1,3-Dichloropropane	11.165	76	11429	4.808	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	25452	22.570	ug/l	100
59) 2-Hexanone	11.229	43	29253m	21.538	ug/l	
60) Dibromochloromethane	11.353	129	8203	4.778	ug/l	98
61) 1,2-Dibromoethane	11.471	107	7413	4.732	ug/l	94
64) Tetrachloroethene	11.100	164	6463	4.883	ug/l	91
65) Chlorobenzene	11.888	112	21485	4.824	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	7339	4.772	ug/l	98
67) Ethyl Benzene	11.965	91	32924	4.568	ug/l	100
68) m/p-Xylenes	12.071	106	26022	9.037	ug/l	96
69) o-Xylene	12.394	106	12410	4.607	ug/l	93
70) Styrene	12.412	104	19413	4.241	ug/l	97
71) Bromoform	12.582	173	5728	4.828	ug/l #	94
73) Isopropylbenzene	12.694	105	29505	4.491	ug/l	99
74) N-amyl acetate	12.629	43	10406m	4.683	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	10690	4.947	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	10355m	5.296	ug/l	
77) Bromobenzene	12.982	156	8392	4.894	ug/l	95
78) n-propylbenzene	13.035	91	36288	4.573	ug/l	99
79) 2-Chlorotoluene	13.123	91	21914	4.640	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	25170	4.584	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	3590	4.348	ug/l	98
82) 4-Chlorotoluene	13.218	91	22736	4.599	ug/l	99
83) tert-Butylbenzene	13.435	119	23030	4.787	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	24274	4.413	ug/l	95
85) sec-Butylbenzene	13.612	105	31033	4.551	ug/l	98
86) p-Isopropyltoluene	13.729	119	25785	4.399	ug/l	96
87) 1,3-Dichlorobenzene	13.729	146	16437	4.813	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	17485	4.903	ug/l	92
89) n-Butylbenzene	14.053	91	22888	4.435	ug/l	98
90) Hexachloroethane	14.329	117	5632	5.191	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	15614	4.889	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.712	75	2405	4.631	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	9076	4.805	ug/l	98
94) Hexachlorobutadiene	15.500	225	2862	4.770	ug/l	96
95) Naphthalene	15.635	128	28795	4.407	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	8548	4.646	ug/l	97

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/01/2025

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Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:39:52 2025
Response via : Initial Calibration

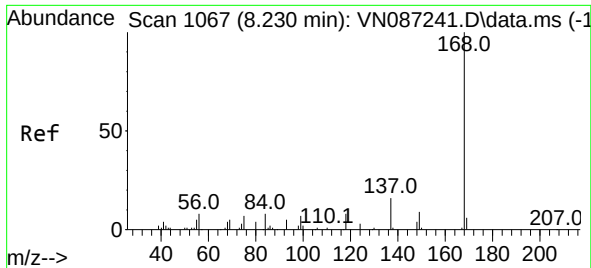
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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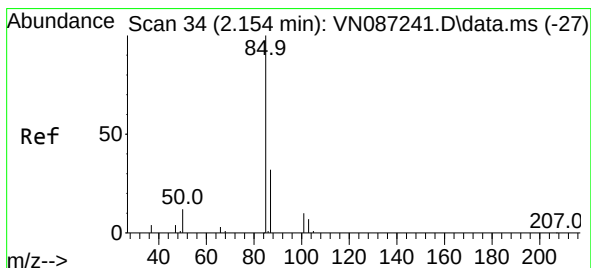
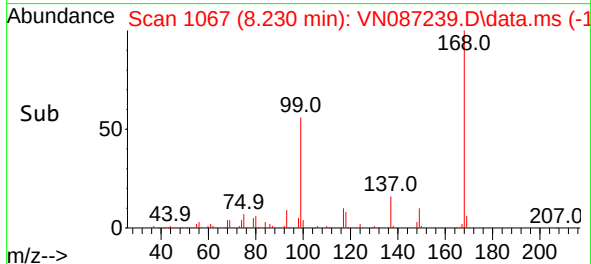
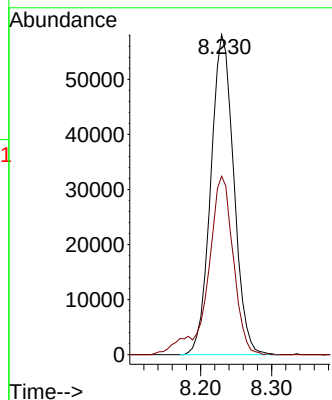
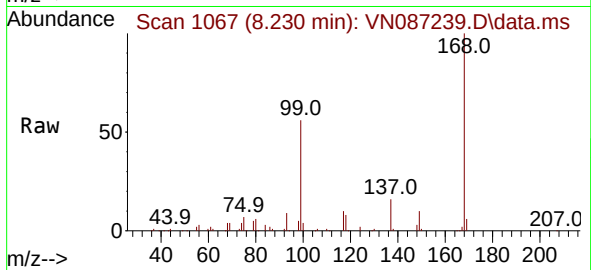
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087239.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:168 Resp: 13083
Ion Ratio Lower Upper
168 100
99 55.8 42.6 64.0

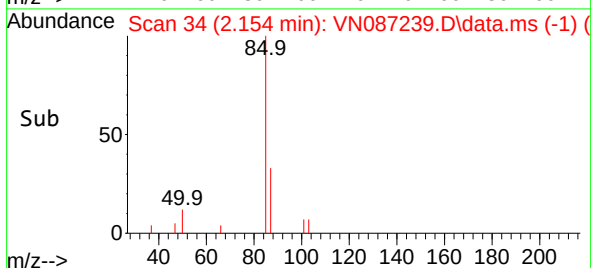
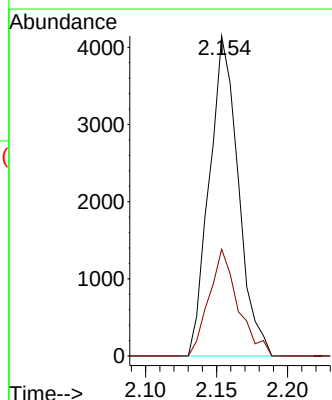
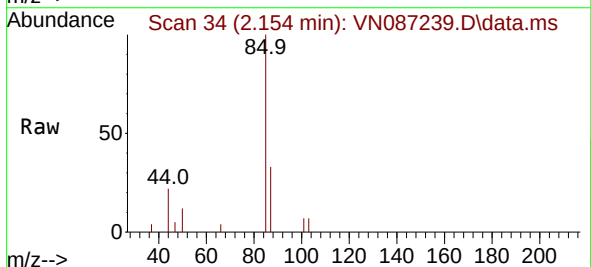
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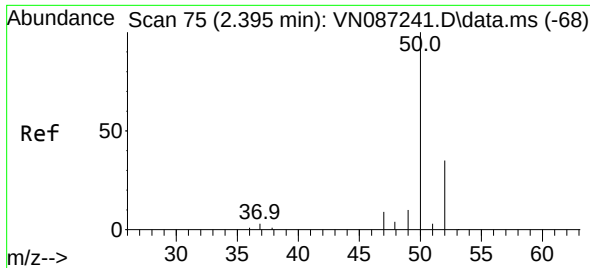
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#2
Dichlorodifluoromethane
Concen: 4.616 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

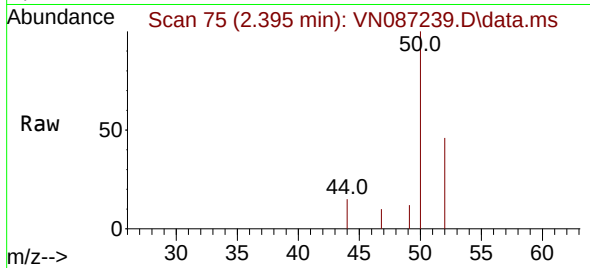
Tgt Ion: 85 Resp: 5877
Ion Ratio Lower Upper
85 100
87 33.3 16.1 48.3





#3
Chloromethane
Concen: 4.728 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

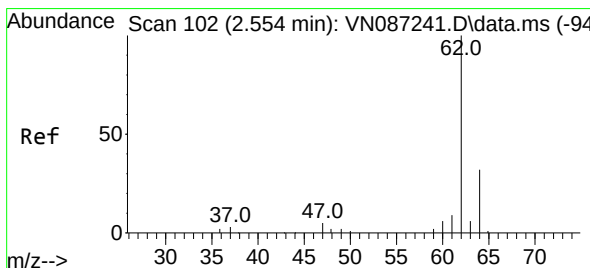
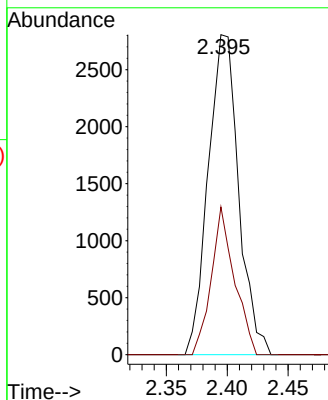
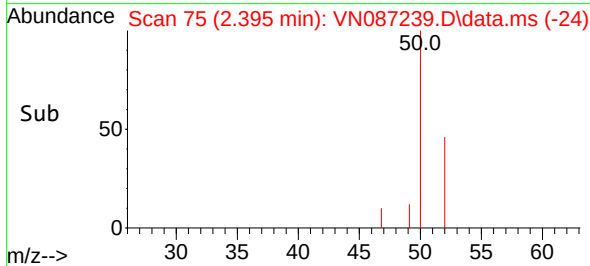
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



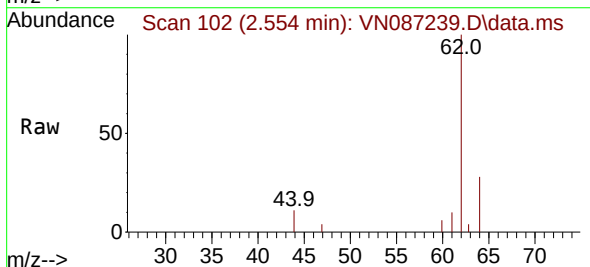
Tgt Ion: 50 Resp: 488
Ion Ratio Lower Upper
50 100
52 46.2 27.8 41.8

Manual Integrations
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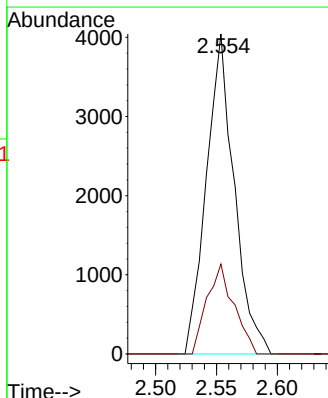
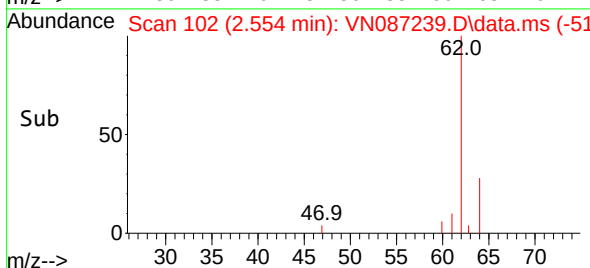
Reviewed By :John Carlone 07/01/2025
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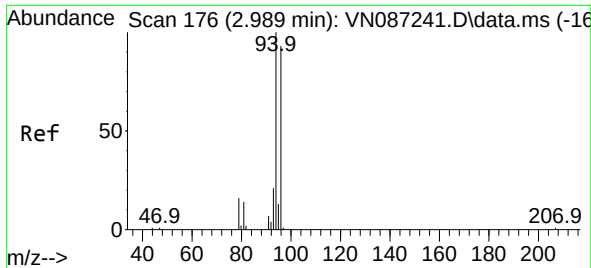


#4
Vinyl Chloride
Concen: 5.060 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26



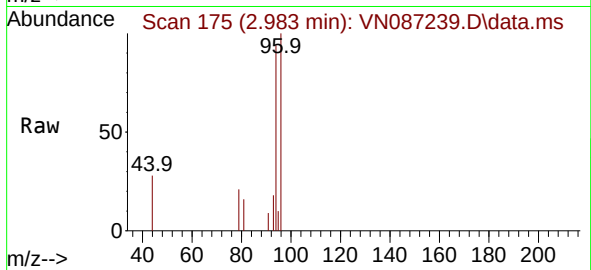
Tgt Ion: 62 Resp: 6432
Ion Ratio Lower Upper
62 100
64 28.1 26.0 39.0





#5
Bromomethane
Concen: 5.006 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

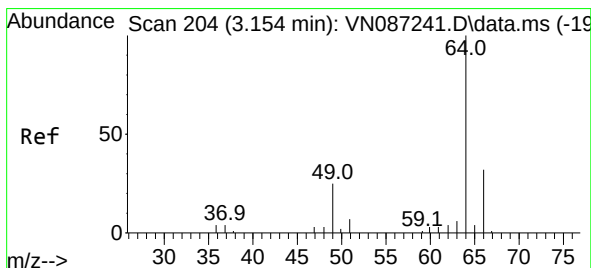
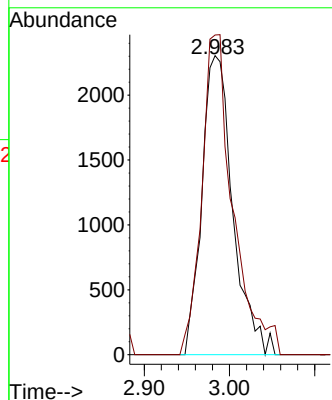
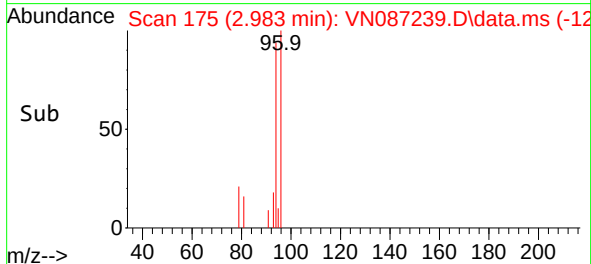
Instrument :
MSVOA_N
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VSTDICC005



Tgt Ion: 94 Resp: 580
Ion Ratio Lower Upper
94 100
96 106.9 74.3 111.5

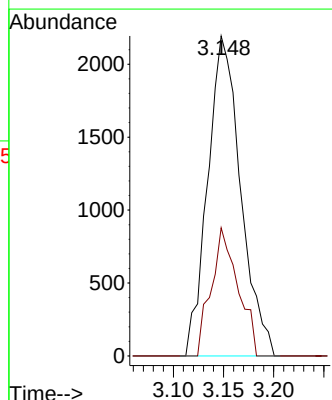
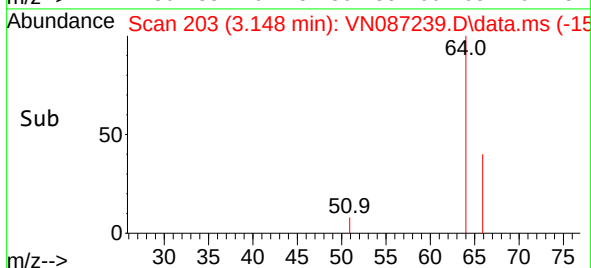
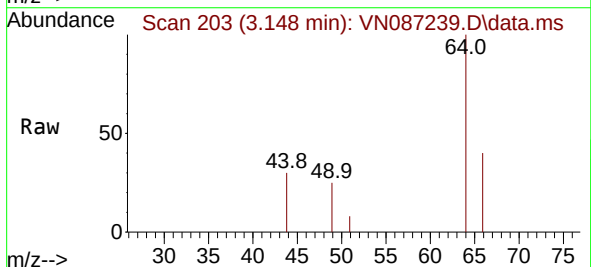
Manual Integrations
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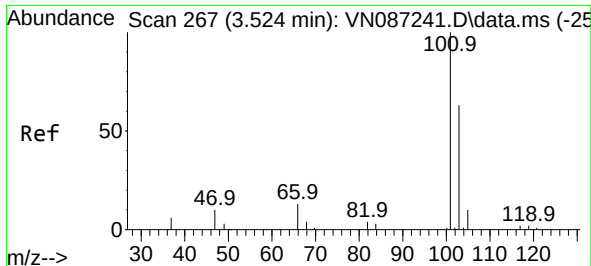
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#6
Chloroethane
Concen: 4.976 ug/l
RT: 3.148 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

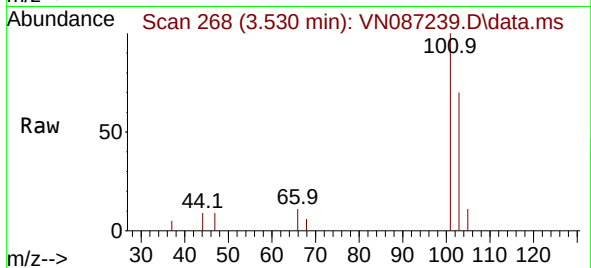
Tgt Ion: 64 Resp: 5010
Ion Ratio Lower Upper
64 100
66 40.1 25.3 37.9





#7
 Trichlorofluoromethane
 Concen: 5.067 ug/l
 RT: 3.530 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26

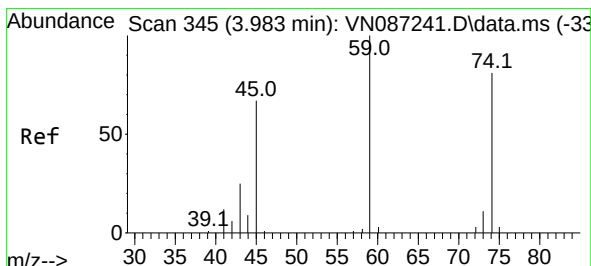
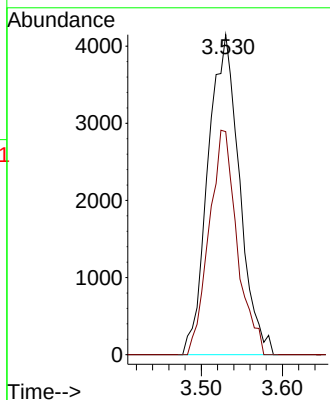
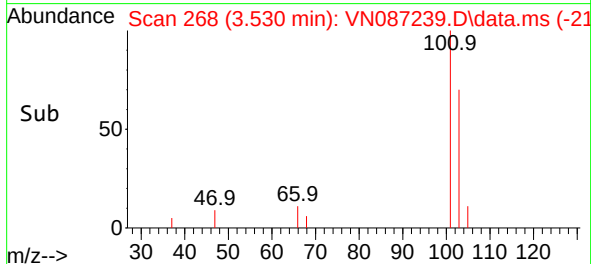
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 11170
 Ion Ratio Lower Upper
 101 100
 103 69.7 50.5 75.7

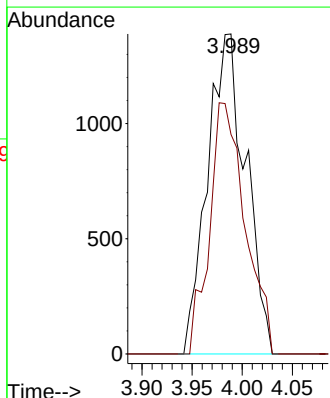
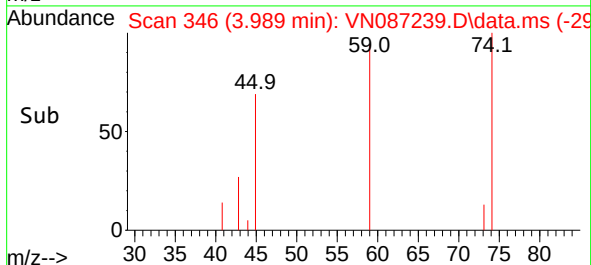
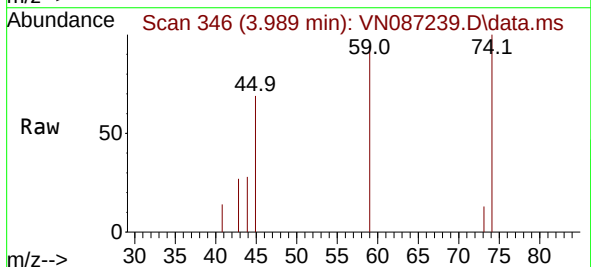
Manual Integrations
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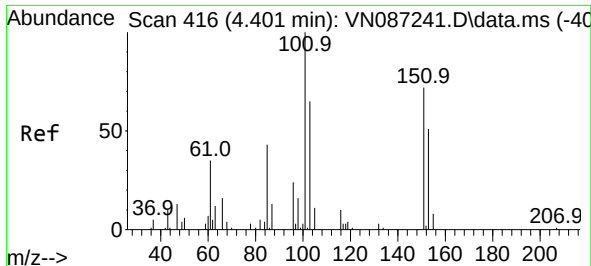
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025



#8
 Diethyl Ether
 Concen: 5.257 ug/l
 RT: 3.989 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN087239.D
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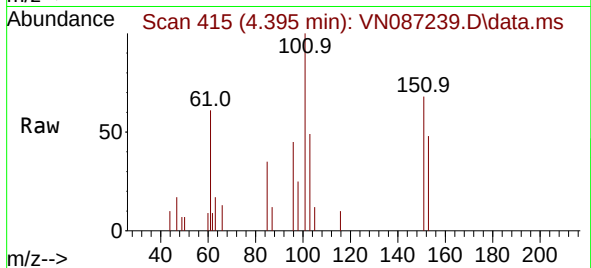
Tgt Ion: 74 Resp: 3700
 Ion Ratio Lower Upper
 74 100
 45 72.8 39.4 118.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.123 ug/l
RT: 4.395 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

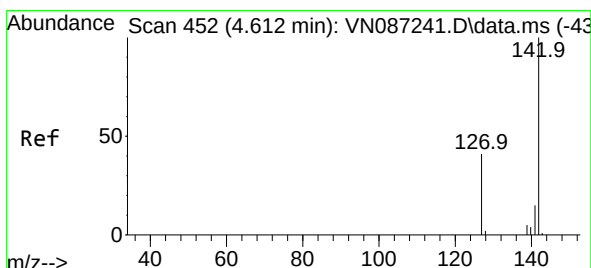
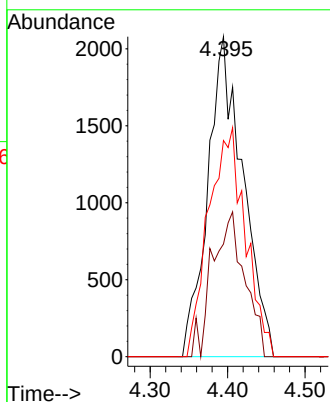
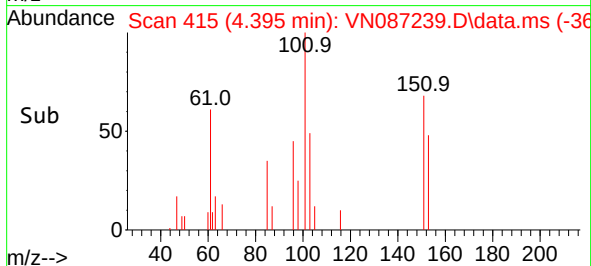
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 6560
Ion Ratio Lower Upper
101 100
85 41.4 34.4 51.6
151 74.8 63.8 95.8

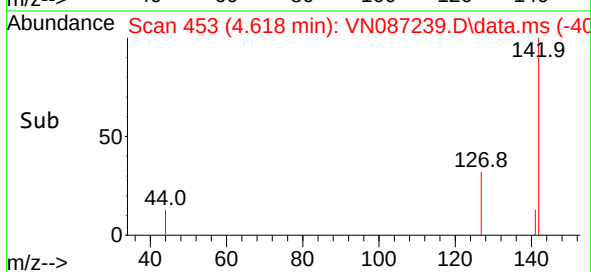
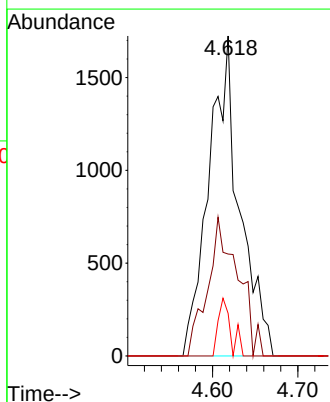
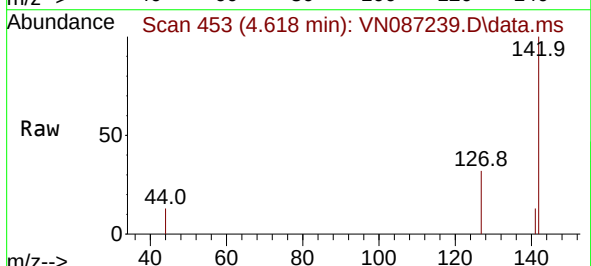
Manual Integrations
APPROVED

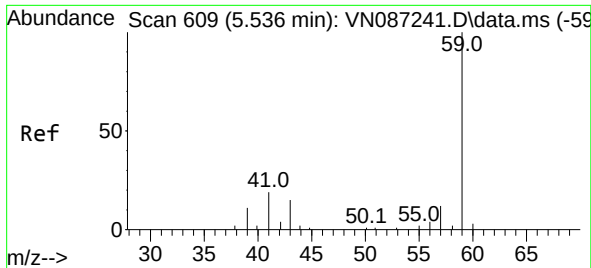
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#10
Methyl Iodide
Concen: 3.418 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion:142 Resp: 4343
Ion Ratio Lower Upper
142 100
127 31.8 32.8 49.2#
141 13.3 11.6 17.4





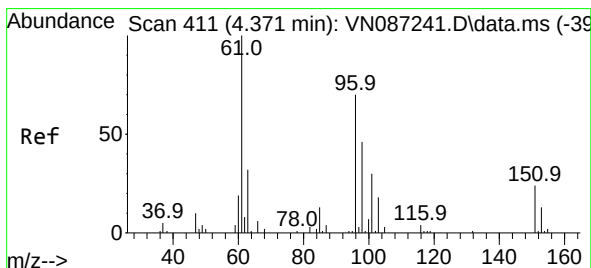
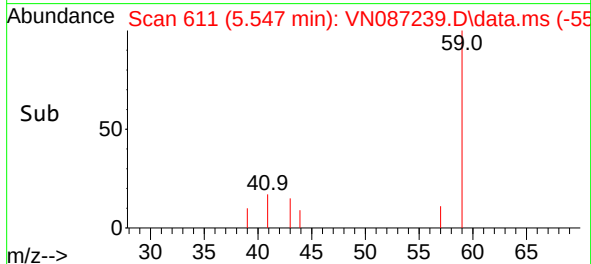
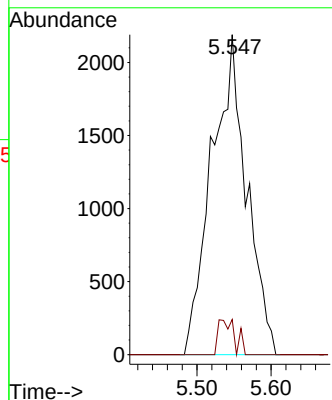
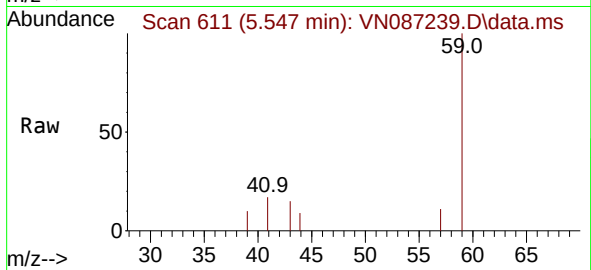
#11
Tert butyl alcohol
Concen: 23.876 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 714
Ion Ratio Lower Upper
59 100
57 5.3 8.6 12.8

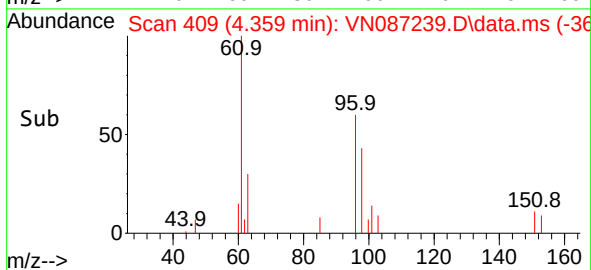
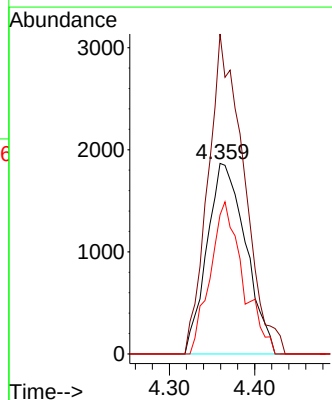
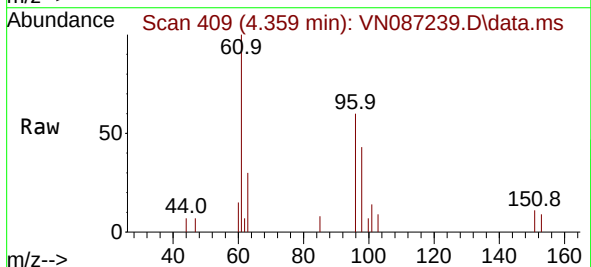
Manual Integrations
APPROVED

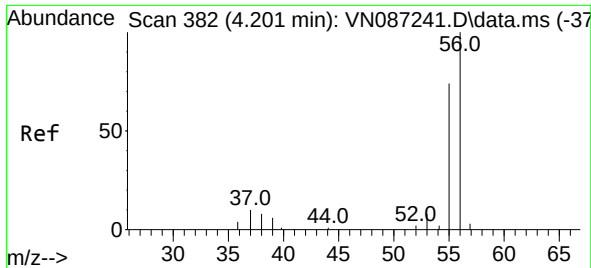
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#12
1,1-Dichloroethene
Concen: 4.840 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

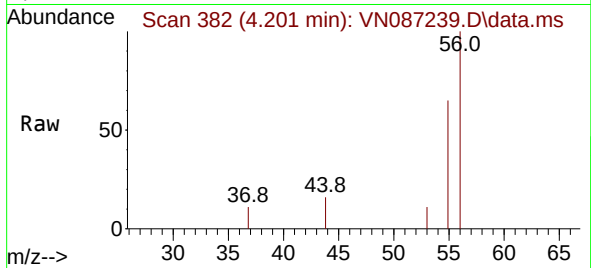
Tgt Ion: 96 Resp: 5888
Ion Ratio Lower Upper
96 100
61 168.0 114.4 171.6
98 72.9 53.0 79.6





#13
Acrolein
Concen: 22.420 ug/l
RT: 4.201 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

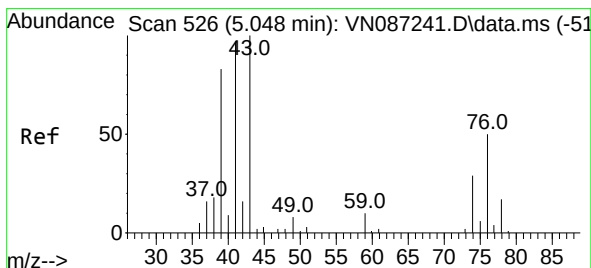
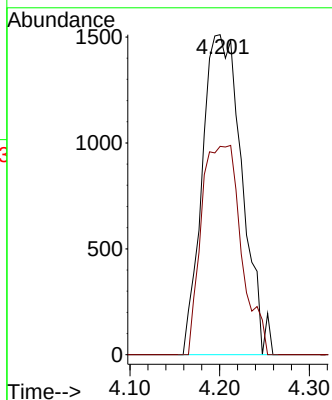
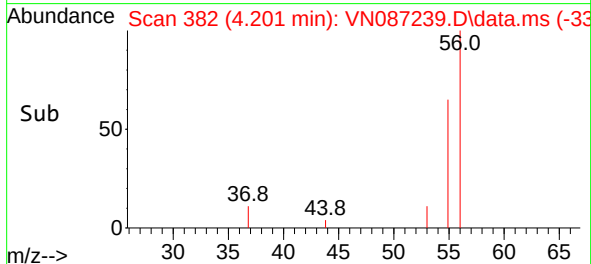
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



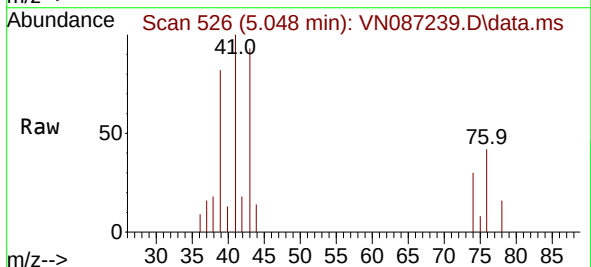
Tgt Ion: 56 Resp: 464
Ion Ratio Lower Upper
56 100
55 65.4 58.6 88.0

Manual Integrations
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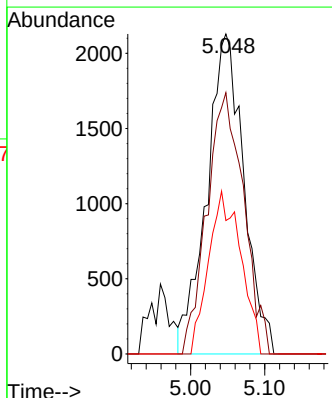
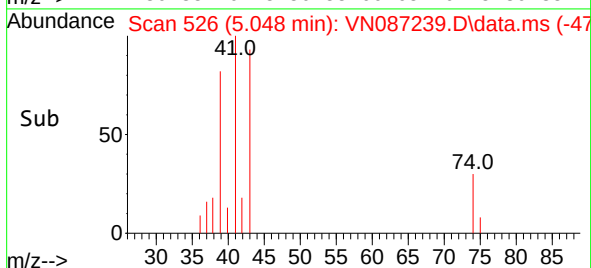
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

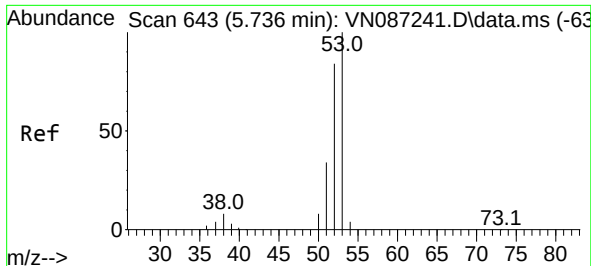


#14
Allyl chloride
Concen: 4.947 ug/l
RT: 5.048 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26



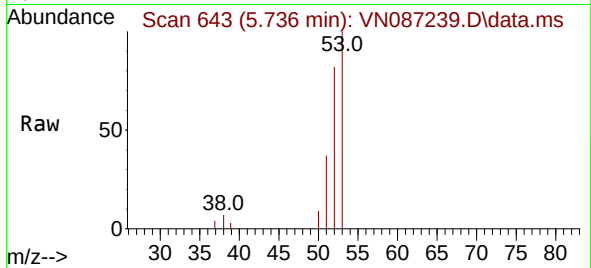
Tgt Ion: 41 Resp: 7376
Ion Ratio Lower Upper
41 100
39 81.1 66.3 99.5
76 44.4 38.6 58.0





#15
Acrylonitrile
Concen: 24.466 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

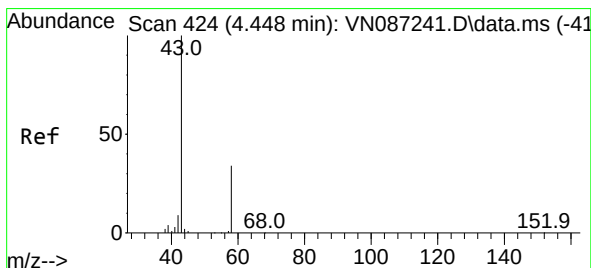
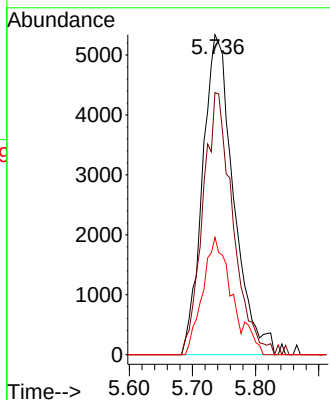
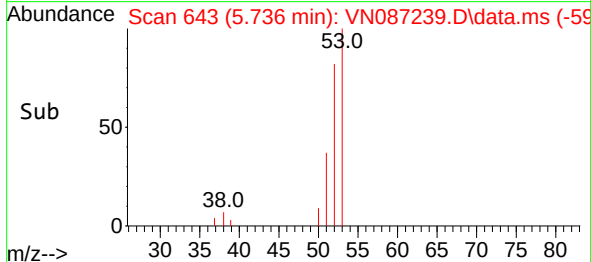
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



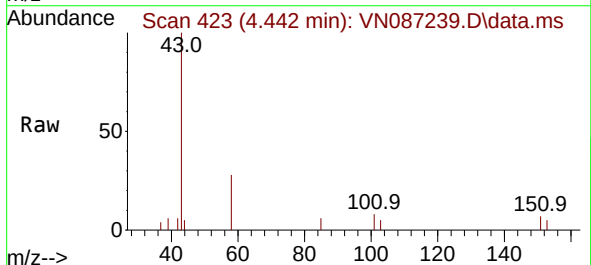
Tgt Ion: 53 Resp: 18189
Ion Ratio Lower Upper
53 100
52 79.1 66.5 99.7
51 31.7 29.1 43.7

Manual Integrations
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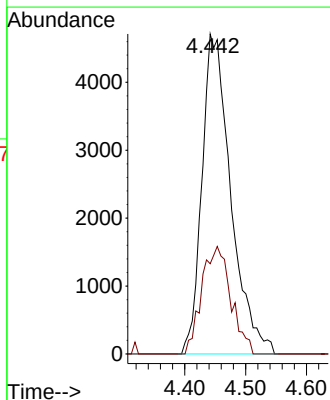
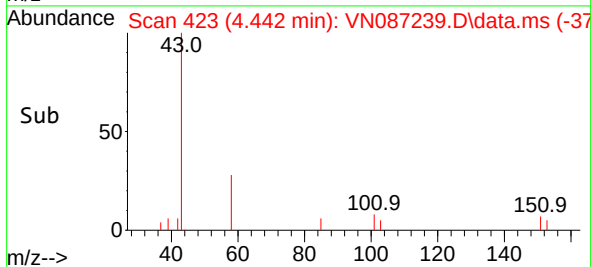
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

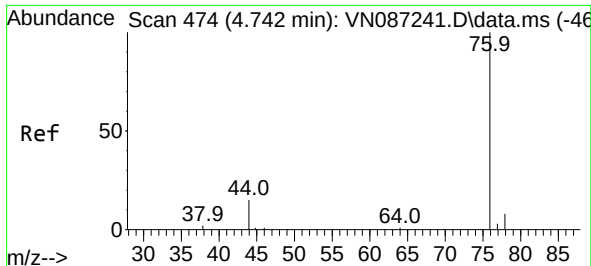


#16
Acetone
Concen: 24.710 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26



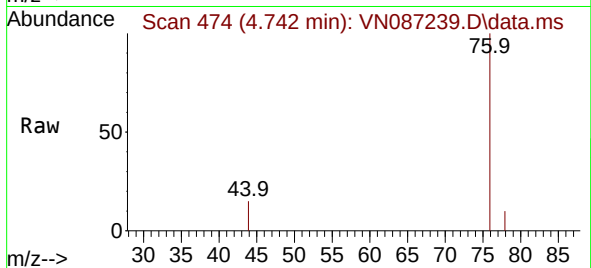
Tgt Ion: 43 Resp: 15512
Ion Ratio Lower Upper
43 100
58 28.2 27.1 40.7





#17
Carbon Disulfide
Concen: 4.967 ug/l
RT: 4.742 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

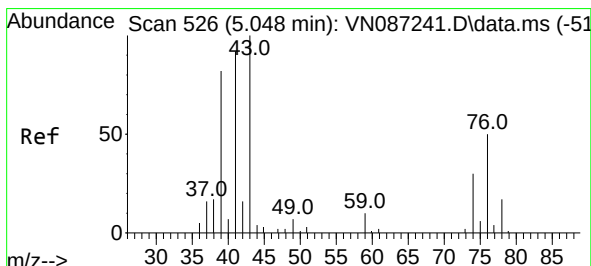
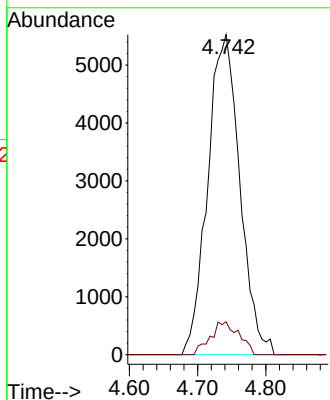
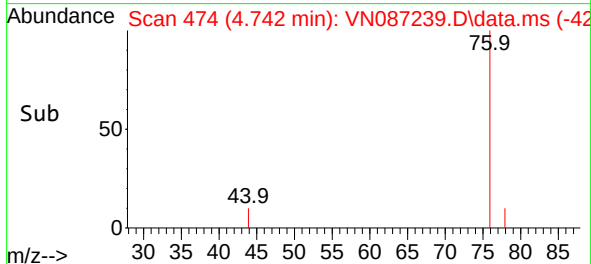
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



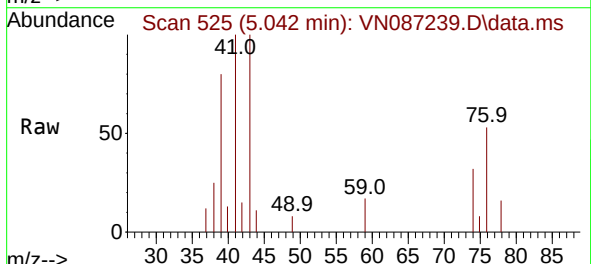
Tgt Ion: 76 Resp: 18128
Ion Ratio Lower Upper
76 100
78 10.3 6.8 10.2

Manual Integrations
APPROVED

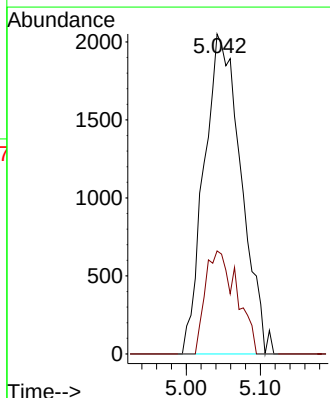
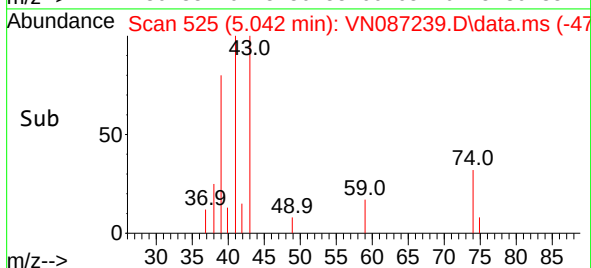
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

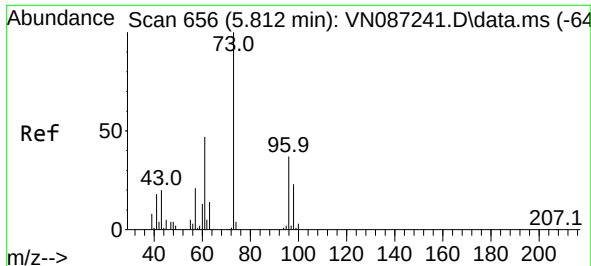


#18
Methyl Acetate
Concen: 4.930 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26



Tgt Ion: 43 Resp: 7085
Ion Ratio Lower Upper
43 100
74 27.5 23.8 35.6





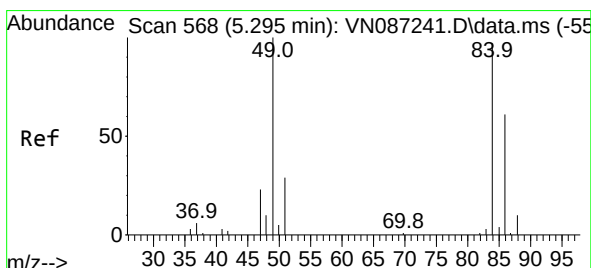
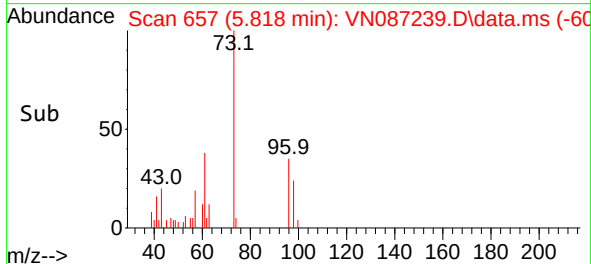
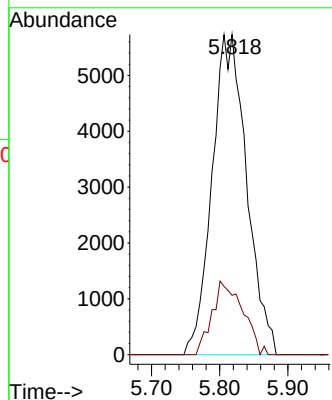
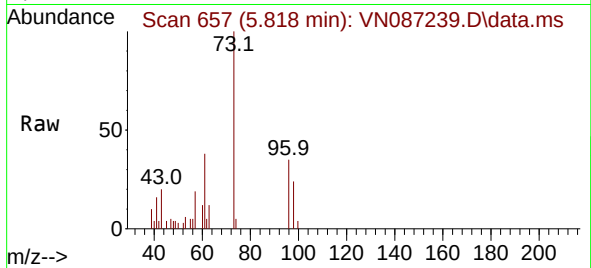
#19
Methyl tert-butyl Ether
Concen: 4.750 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 2025
Ion Ratio Lower Upper
73 100
57 18.6 16.7 25.1

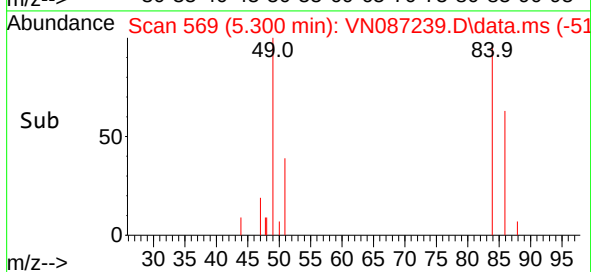
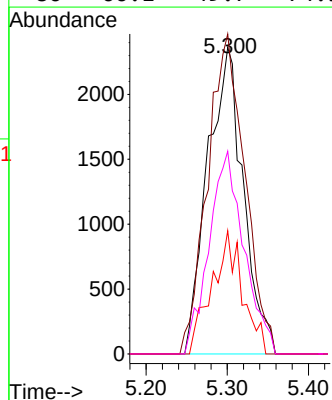
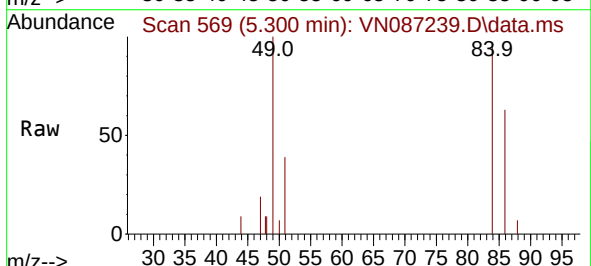
Manual Integrations
APPROVED

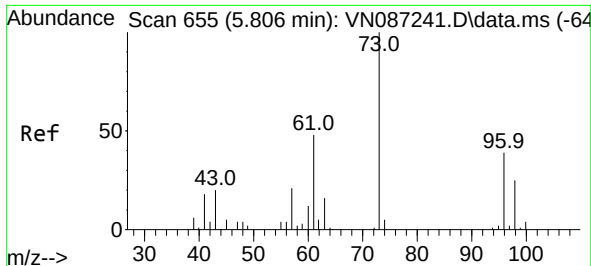
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#20
Methylene Chloride
Concen: 5.193 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 84 Resp: 7222
Ion Ratio Lower Upper
84 100
49 104.4 82.1 123.1
51 40.2 23.5 35.3#
86 66.1 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 4.911 ug/l

RT: 5.806 min Scan# 655

Delta R.T. -0.000 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

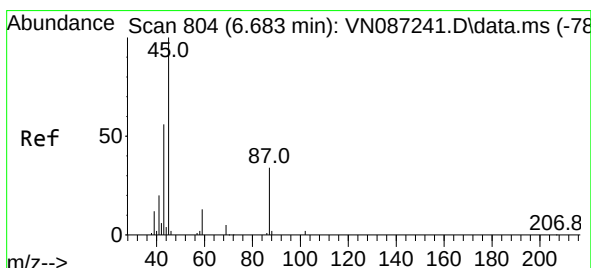
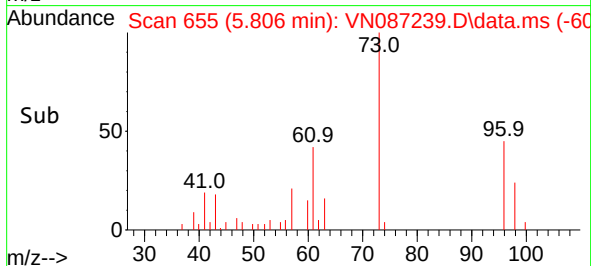
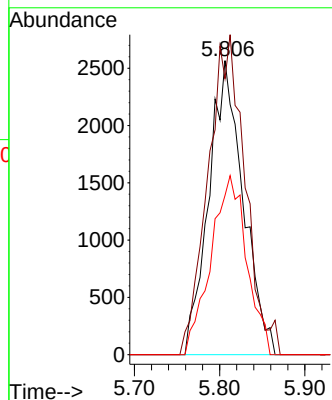
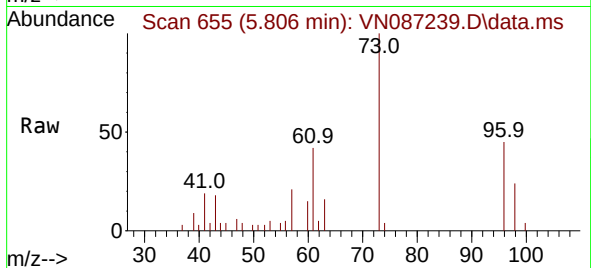
Tgt Ion:	96	Resp:	7219
Ion	Ratio	Lower	Upper
96	100		
61	93.8	98.2	147.2
98	54.1	50.0	75.0

Manual Integrations

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Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#22

Diisopropyl ether

Concen: 4.709 ug/l

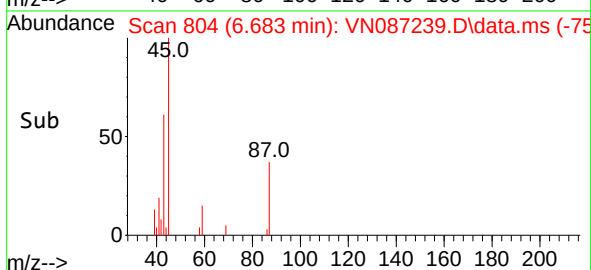
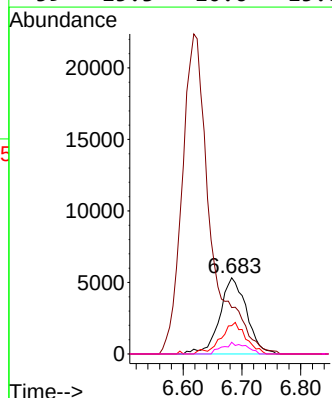
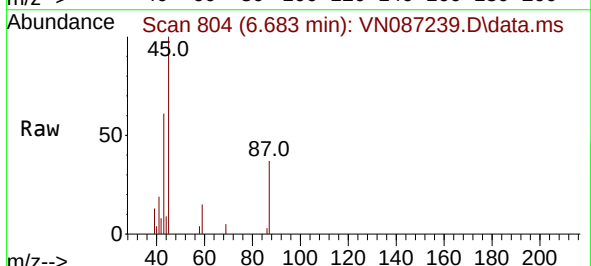
RT: 6.683 min Scan# 804

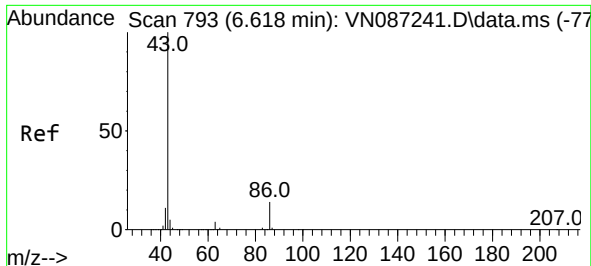
Delta R.T. -0.000 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

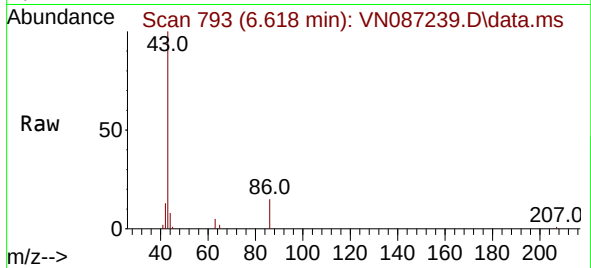
Tgt Ion:	45	Resp:	16810
Ion	Ratio	Lower	Upper
45	100		
43	61.0	50.1	75.1
87	37.2	27.5	41.3
59	15.3	10.6	15.8





#23
 Vinyl Acetate
 Concen: 22.691 ug/l
 RT: 6.618 min Scan# 7491
 Delta R.T. -0.000 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26

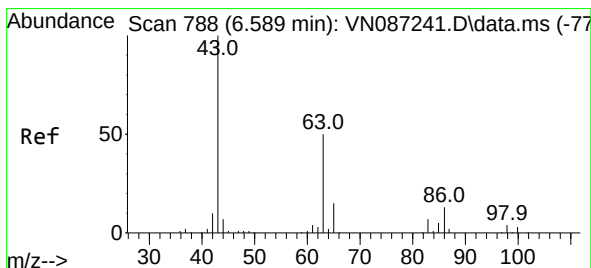
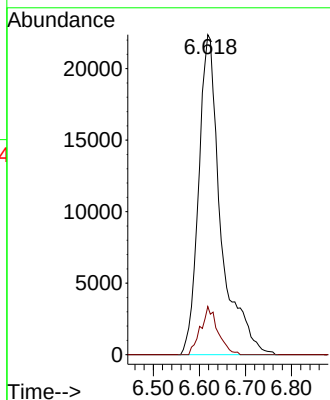
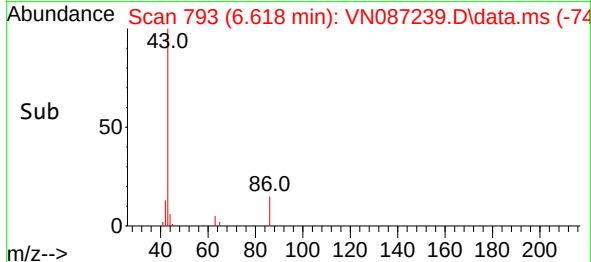
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



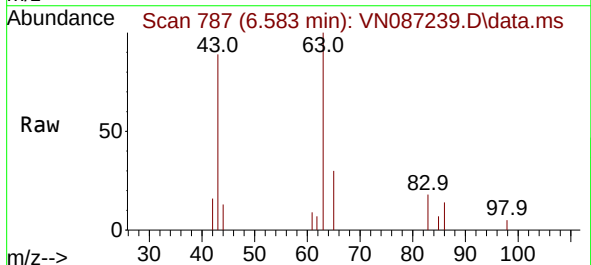
Tgt Ion: 43 Resp: 7491
 Ion Ratio Lower Upper
 43 100
 86 15.0 11.0 16.4

Manual Integrations
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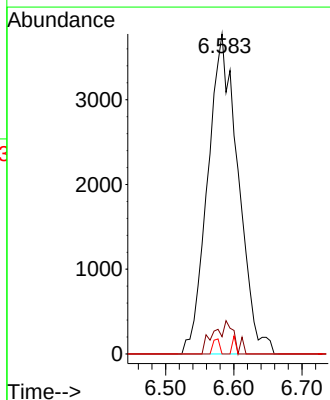
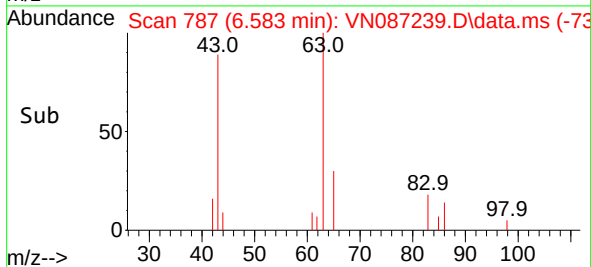
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025

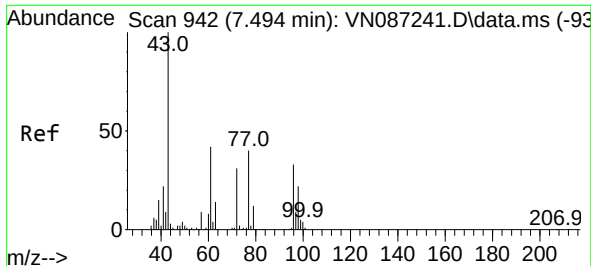


#24
 1,1-Dichloroethane
 Concen: 5.019 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.006 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26



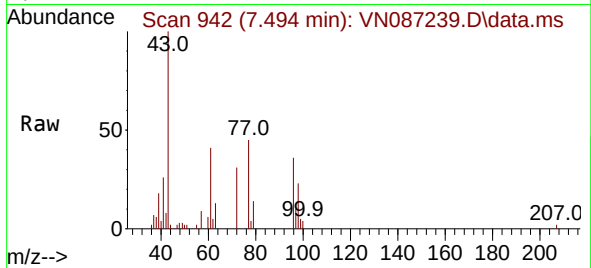
Tgt Ion: 63 Resp: 11739
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.5 10.6
 100 0.0 2.7 8.1#





#25
2-Butanone
Concen: 23.635 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

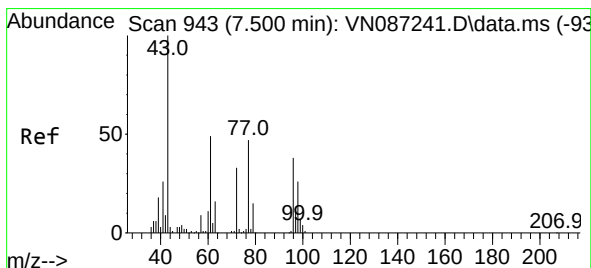
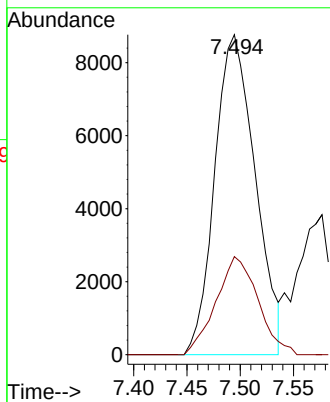
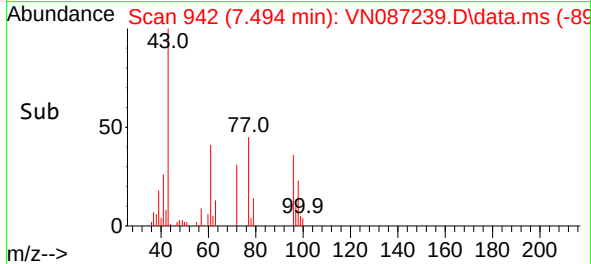
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



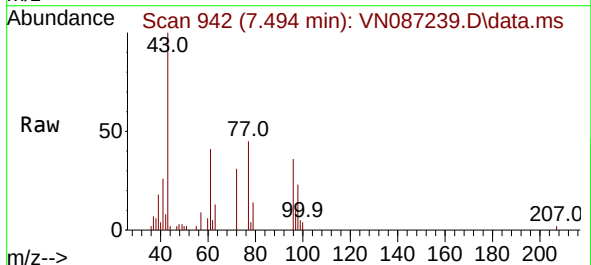
Tgt Ion: 43 Resp: 2318
Ion Ratio Lower Upper
43 100
72 30.6 24.8 37.2

Manual Integrations
APPROVED

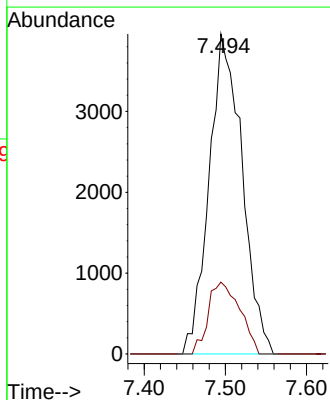
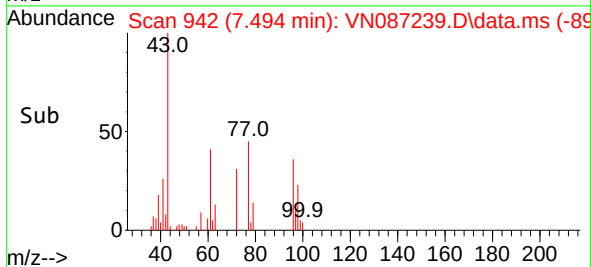
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

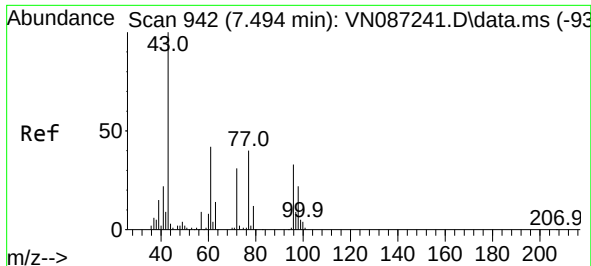


#26
2,2-Dichloropropane
Concen: 4.990 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26



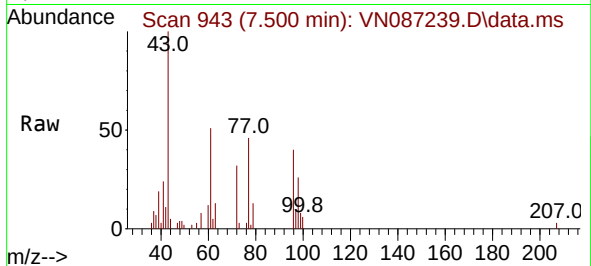
Tgt Ion: 77 Resp: 11168
Ion Ratio Lower Upper
77 100
97 21.5 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 4.722 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26

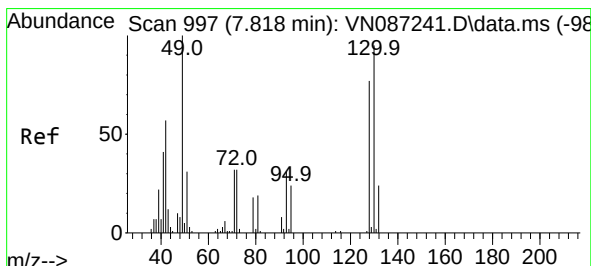
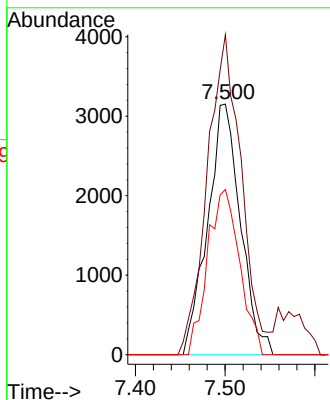
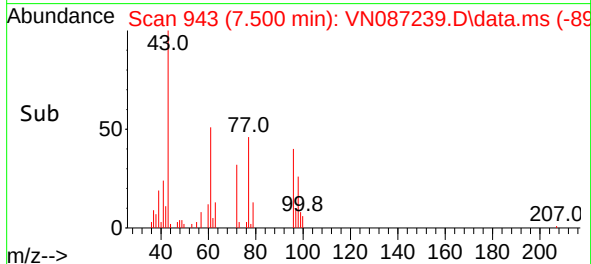
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 8010
 Ion Ratio Lower Upper
 96 100
 61 131.8 0.0 258.8
 98 64.4 0.0 130.8

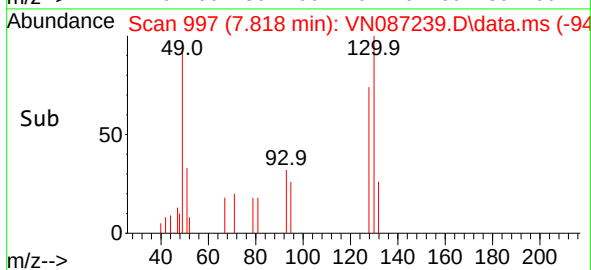
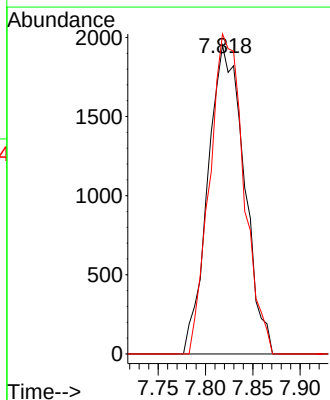
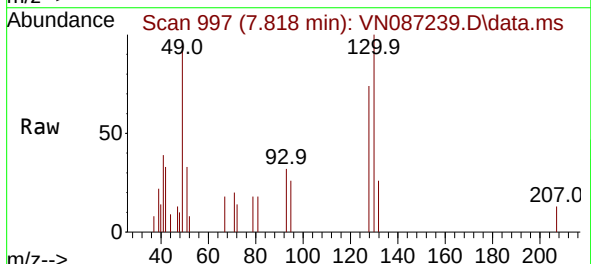
Manual Integrations
 APPROVED

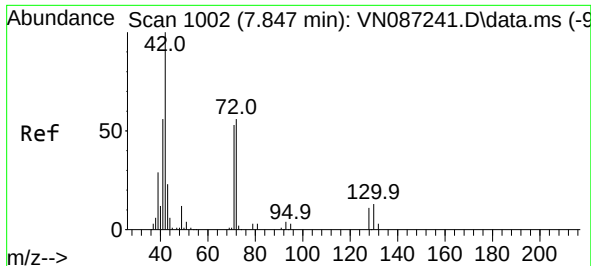
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025



#28
 Bromochloromethane
 Concen: 5.028 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26

Tgt Ion: 49 Resp: 5191
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 97.6 78.4 117.6





#29

Tetrahydrofuran

Concen: 22.653 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

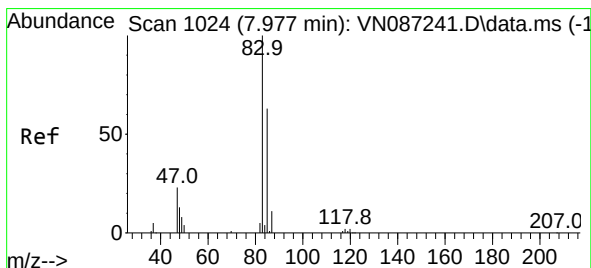
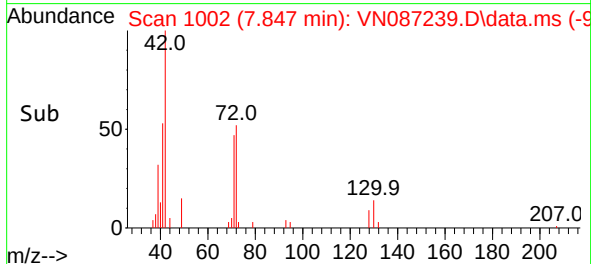
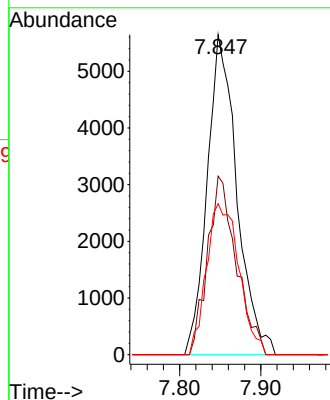
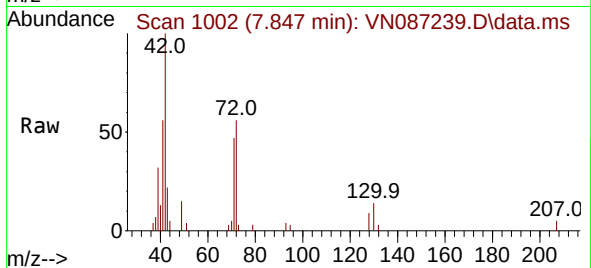
Tgt Ion:	42	Resp:	1432
Ion Ratio	Lower	Upper	
42	100		
72	54.2	44.2	66.4
71	51.6	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#30

Chloroform

Concen: 4.986 ug/l

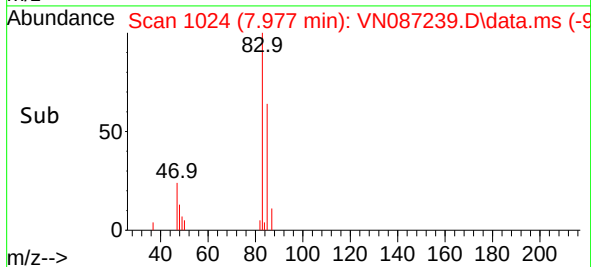
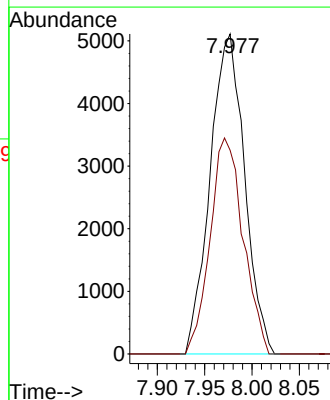
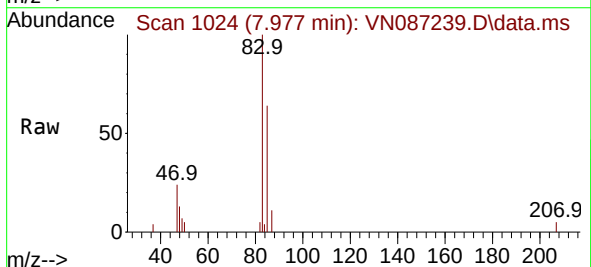
RT: 7.977 min Scan# 1024

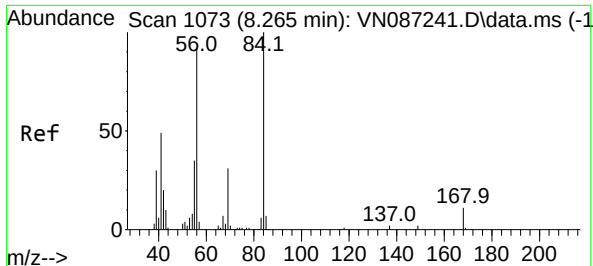
Delta R.T. -0.000 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

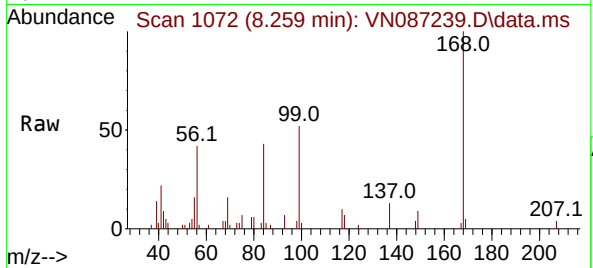
Tgt Ion:	83	Resp:	12926
Ion Ratio	Lower	Upper	
83	100		
85	63.7	50.3	75.5





#31
Cyclohexane
Concen: 5.747 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

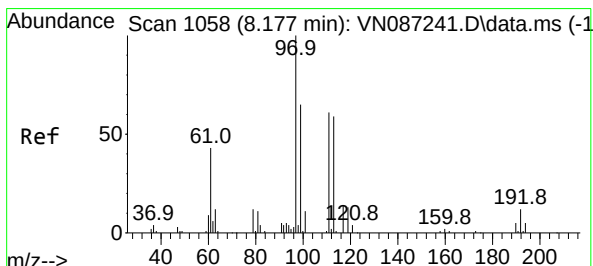
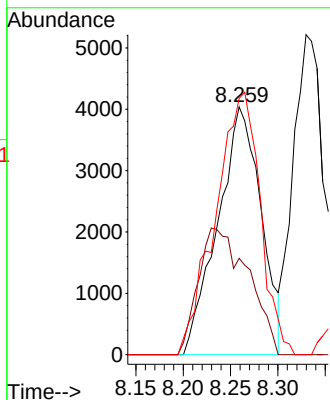
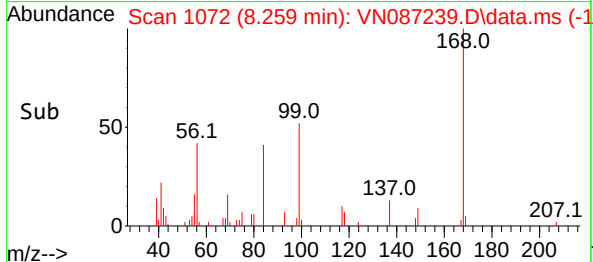
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



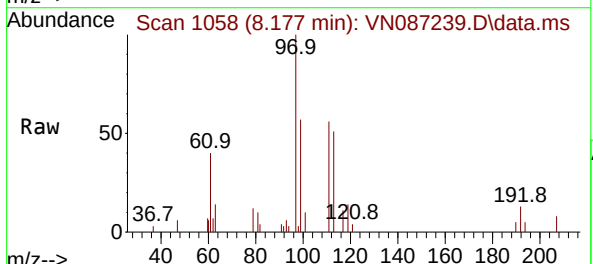
Tgt Ion: 56 Resp: 1285
Ion Ratio Lower Upper
56 100
69 38.9 27.0 40.6
84 103.4 86.2 129.4

Manual Integrations
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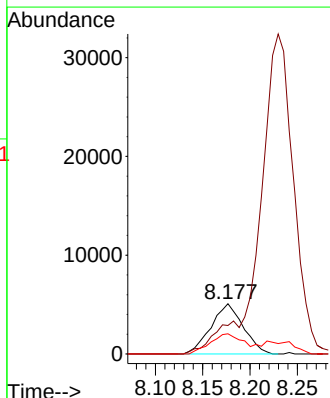
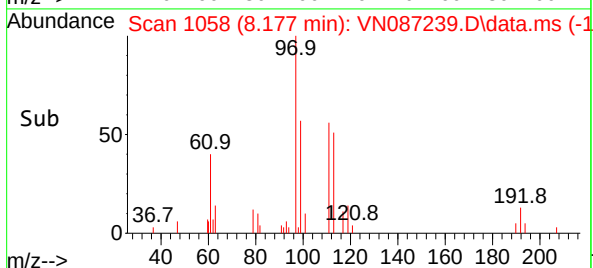
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

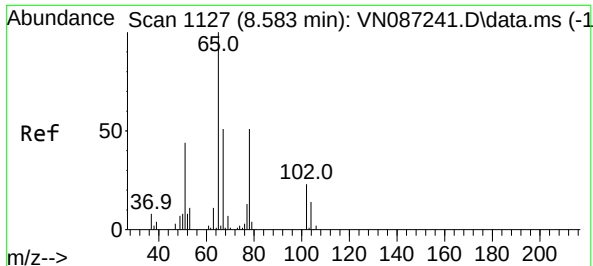


#32
1,1,1-Trichloroethane
Concen: 4.979 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26



Tgt Ion: 97 Resp: 12021
Ion Ratio Lower Upper
97 100
99 0.0 49.5 74.3#
61 45.3 35.2 52.8





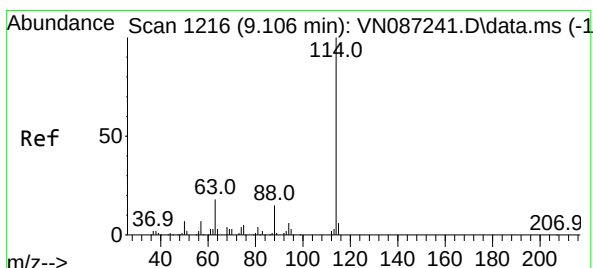
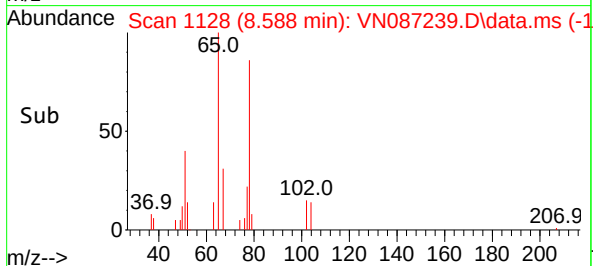
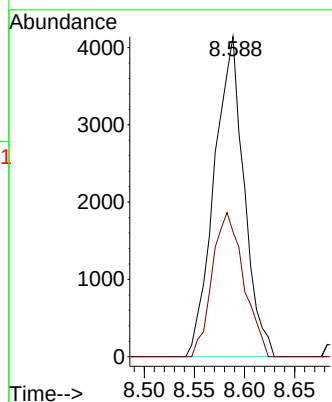
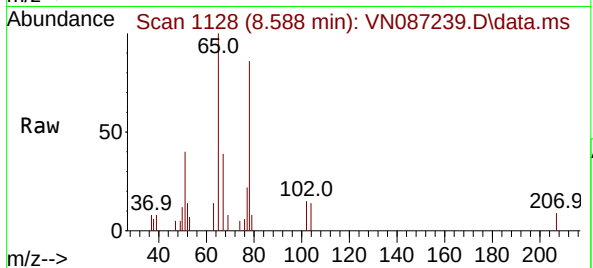
#33
1,2-Dichloroethane-d4
Concen: 5.223 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 8570
Ion Ratio Lower Upper
65 100
67 47.5 0.0 102.6

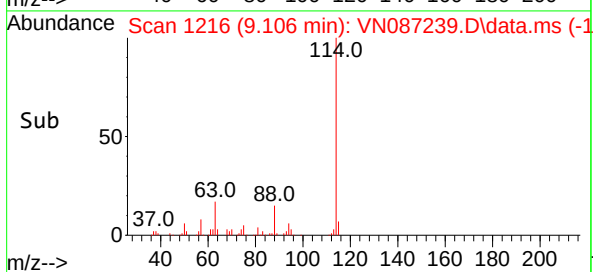
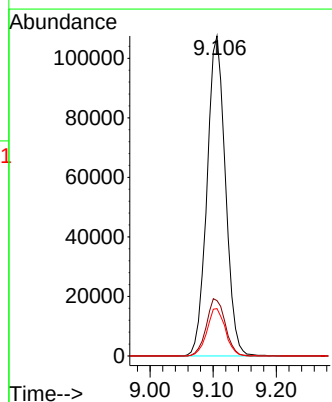
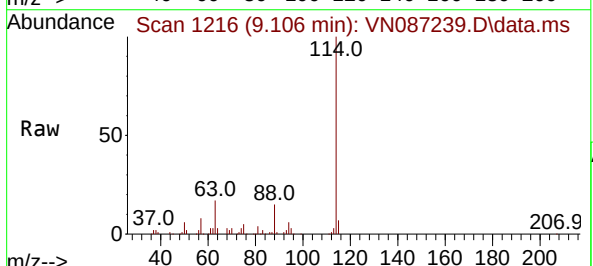
Manual Integrations
APPROVED

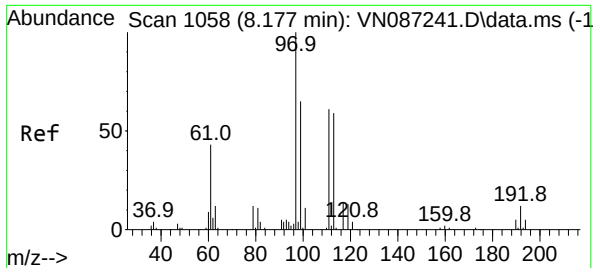
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

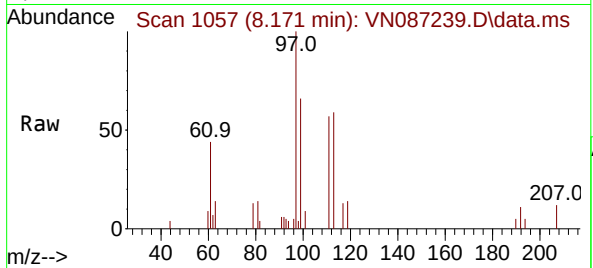
Tgt Ion:114 Resp: 217914
Ion Ratio Lower Upper
114 100
63 17.3 0.0 36.6
88 14.8 0.0 29.6





#35
Dibromofluoromethane
Concen: 4.881 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

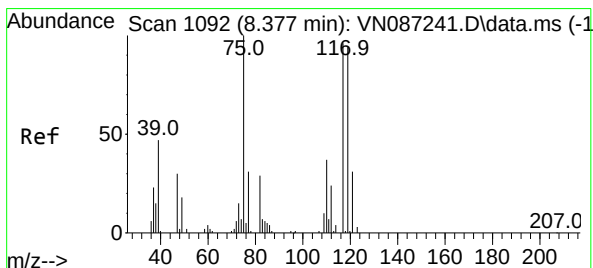
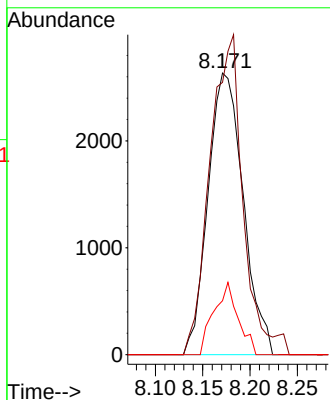
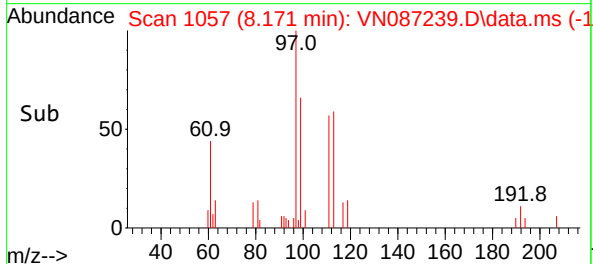
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



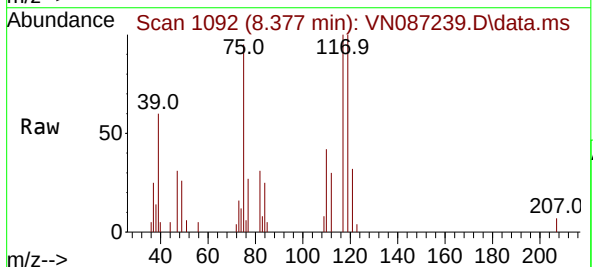
Tgt Ion: 113 Resp: 681
Ion Ratio Lower Upper
113 100
111 107.0 81.4 122.2
192 17.6 15.1 22.7

Manual Integrations
APPROVED

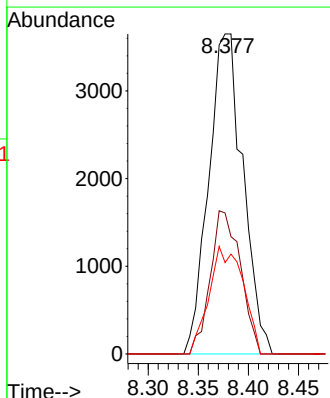
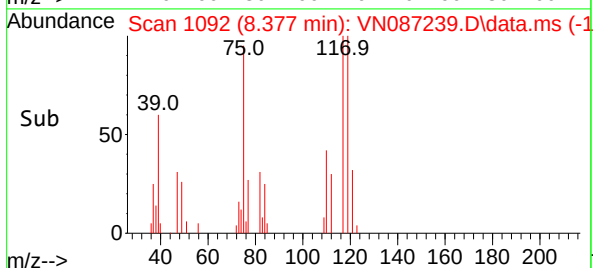
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

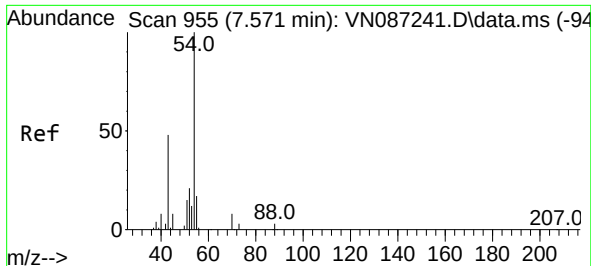


#36
1,1-Dichloropropene
Concen: 4.578 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26



Tgt Ion: 75 Resp: 8686
Ion Ratio Lower Upper
75 100
110 39.2 18.7 56.1
77 33.4 24.5 36.7





#37

Ethyl Acetate

Concen: 4.523 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087239.D

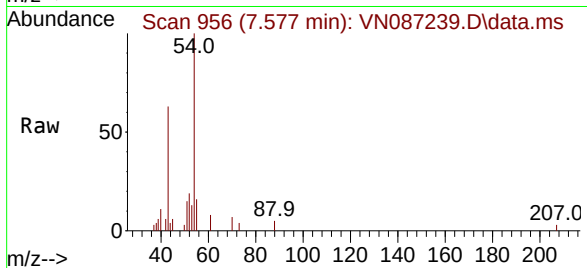
Acq: 30 Jun 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005



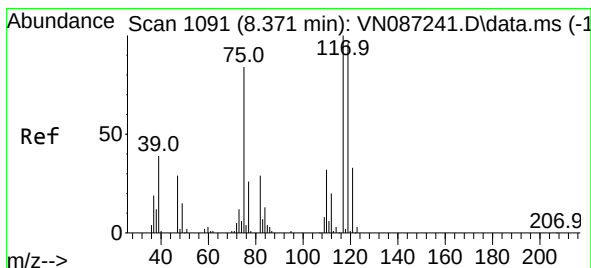
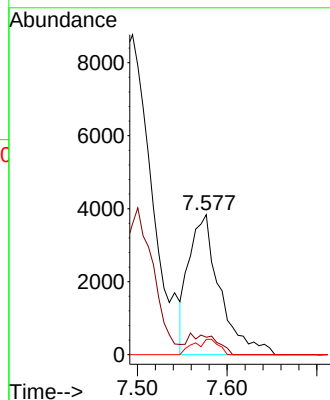
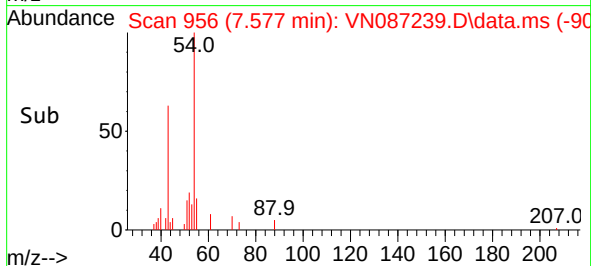
Tgt Ion:	43	Resp:	9220
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9
70	8.8	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#38

Carbon Tetrachloride

Concen: 4.831 ug/l

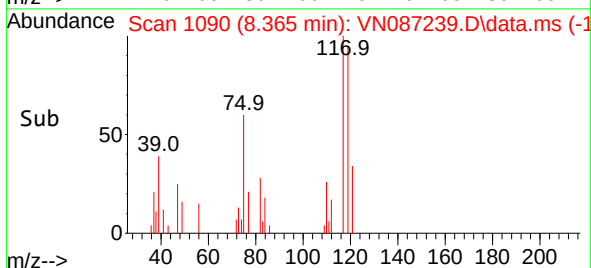
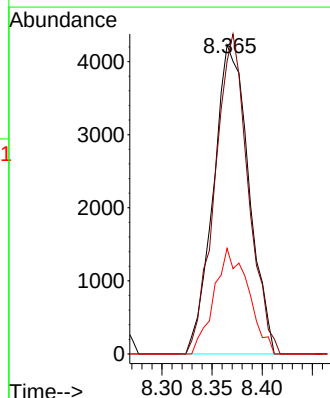
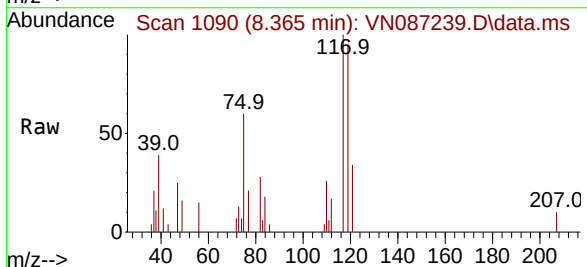
RT: 8.365 min Scan# 1090

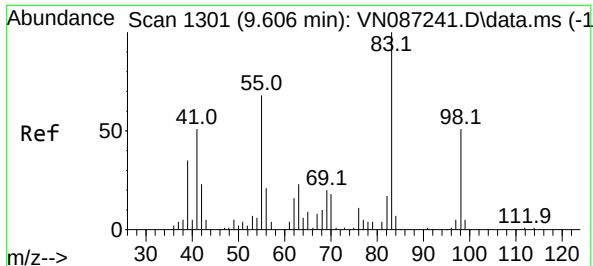
Delta R.T. -0.006 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

Tgt Ion:	117	Resp:	10388
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.2	115.8
121	34.2	26.6	39.8





#39

Methylcyclohexane

Concen: 4.462 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

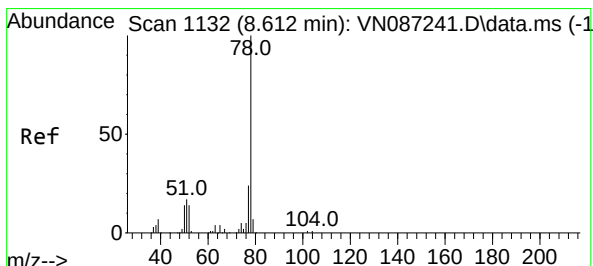
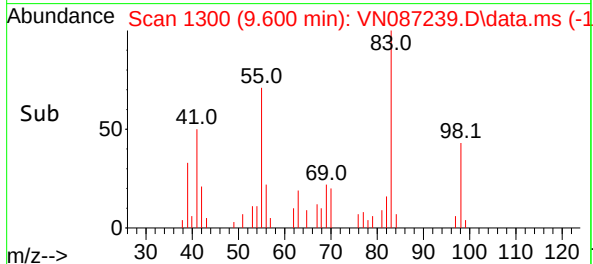
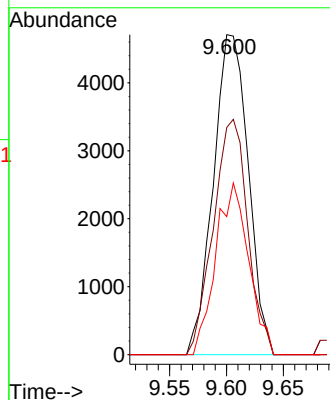
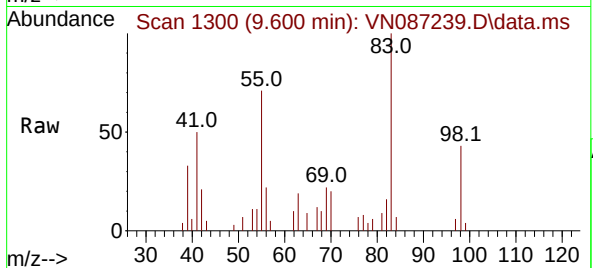
Tgt Ion: 83	Resp: 1008
Ion Ratio	Lower Upper
83	100
55	71.0 54.6 81.8
98	43.2 41.2 61.8

Manual Integrations

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Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#40

Benzene

Concen: 4.706 ug/l

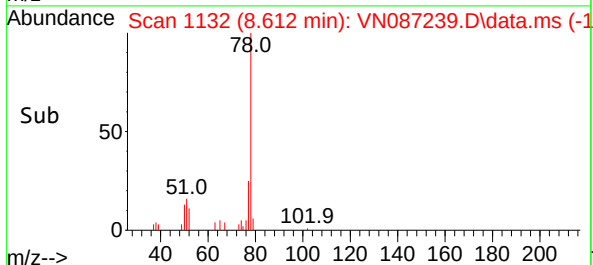
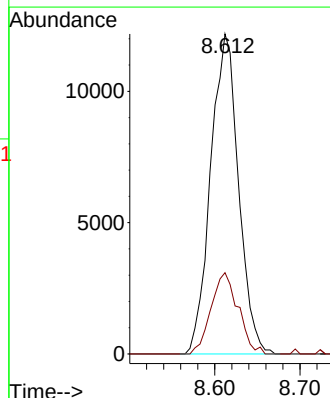
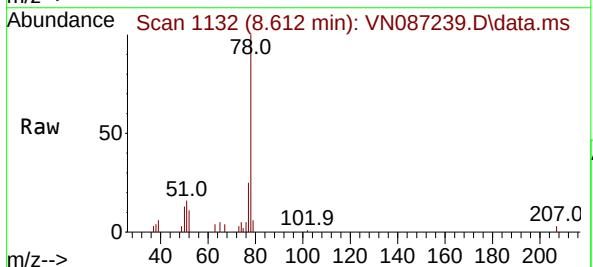
RT: 8.612 min Scan# 1132

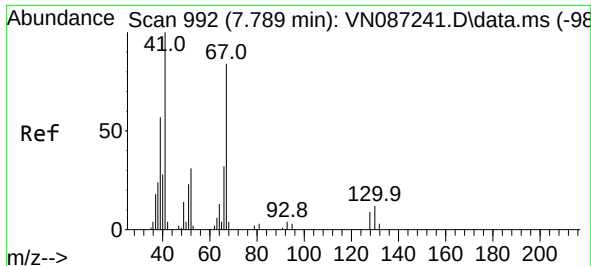
Delta R.T. -0.000 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

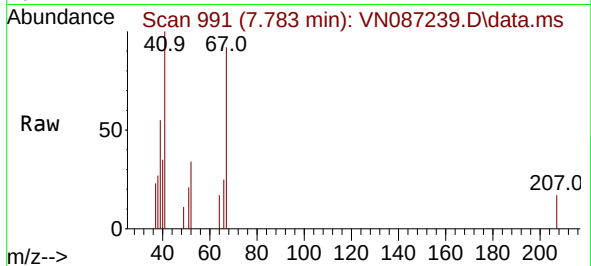
Tgt Ion: 78	Resp: 27665
Ion Ratio	Lower Upper
78	100
77	25.4 19.5 29.3





#41
Methacrylonitrile
Concen: 4.596 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

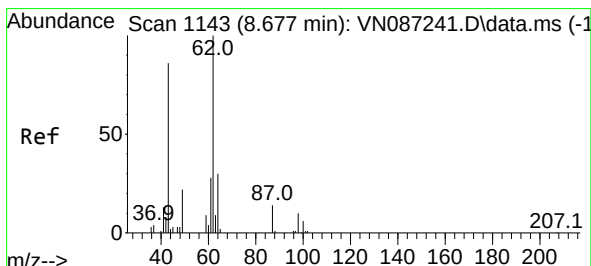
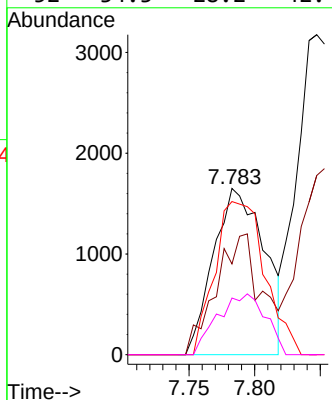
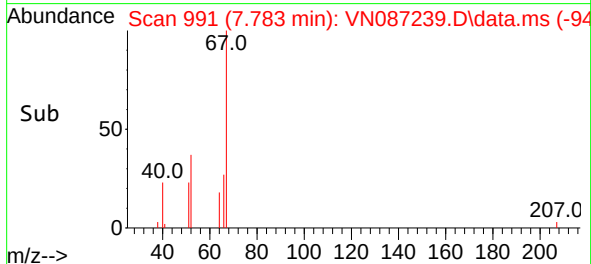
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



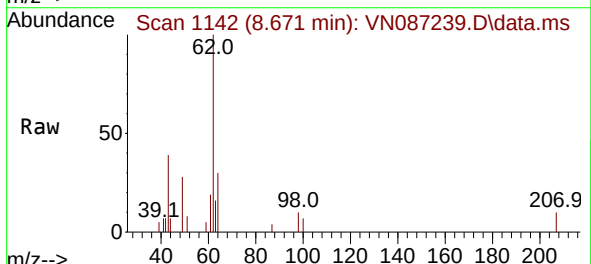
Tgt Ion:	41	Resp:	448
Ion	Ratio	Lower	Upper
41	100		
39	64.3	46.4	69.6
67	90.1	70.8	106.2
52	34.3	28.2	42.4

Manual Integrations
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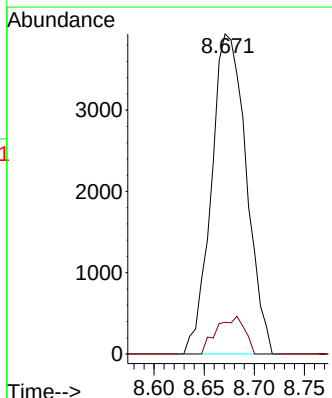
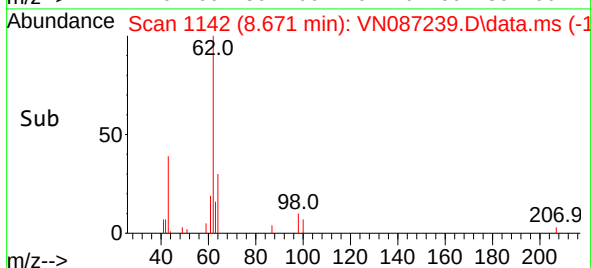
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

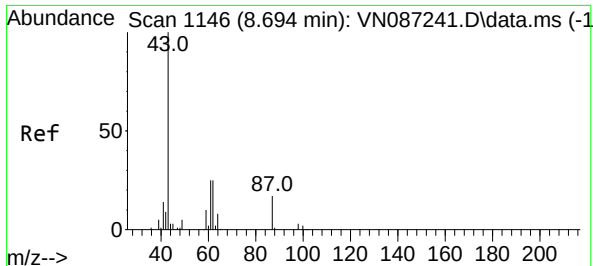


#42
1,2-Dichloroethane
Concen: 4.873 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26



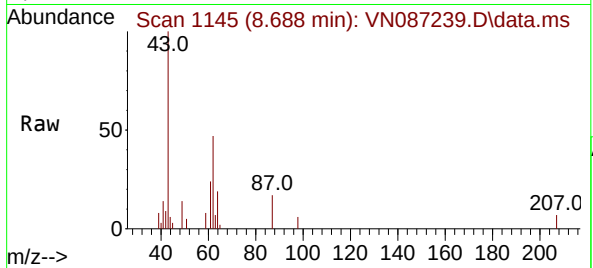
Tgt Ion:	62	Resp:	9527
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8





#43
Isopropyl Acetate
Concen: 4.600 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

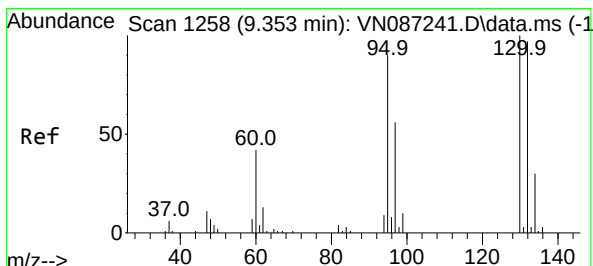
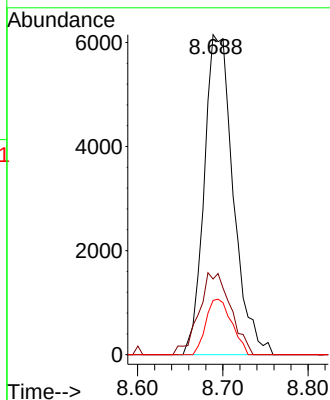
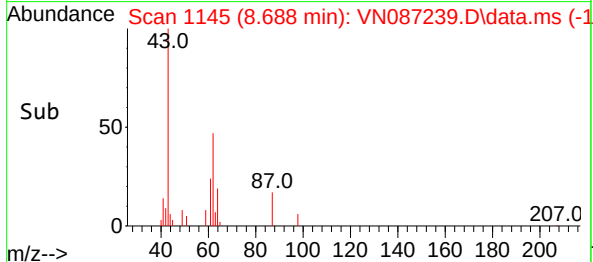
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



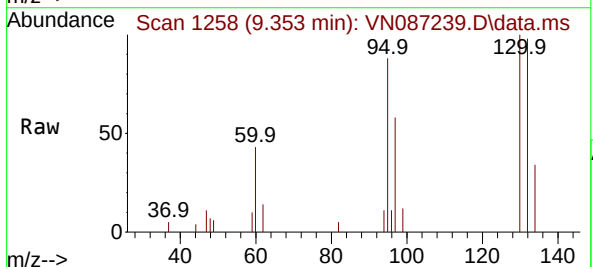
Tgt Ion: 43 Resp: 1455
Ion Ratio Lower Upper
43 100
61 28.0 22.4 33.6
87 15.3 12.8 19.2

Manual Integrations
APPROVED

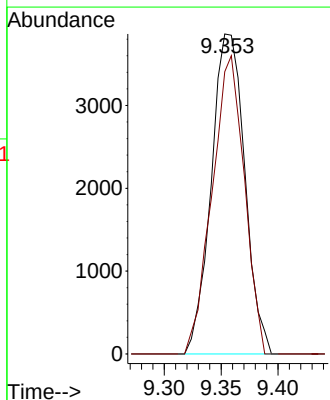
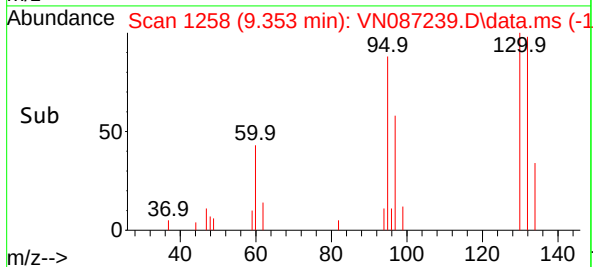
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

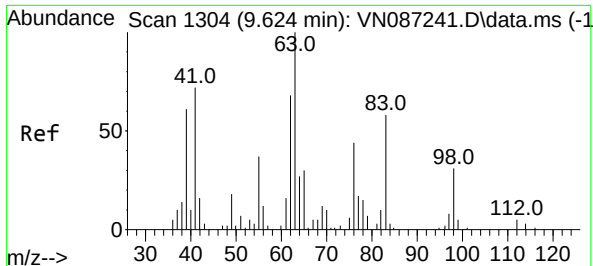


#44
Trichloroethene
Concen: 5.068 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26



Tgt Ion:130 Resp: 7916
Ion Ratio Lower Upper
130 100
95 88.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 4.676 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 599

Ion Ratio Lower Upper

63 100

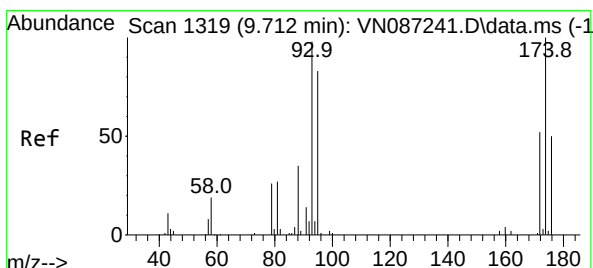
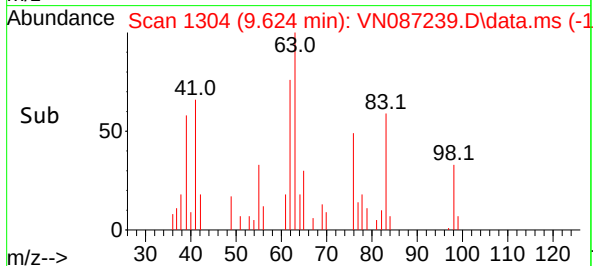
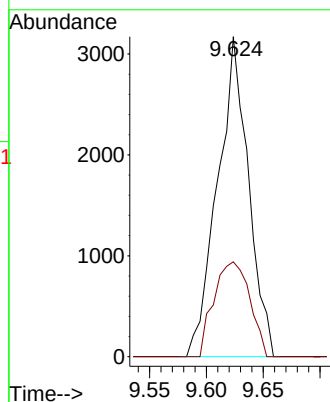
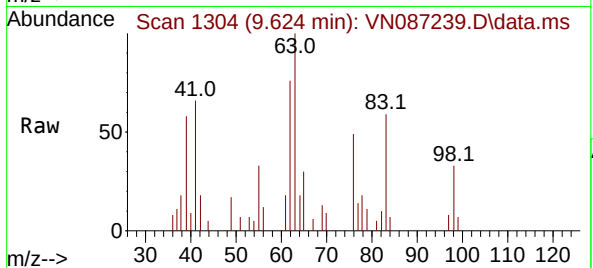
65 29.7 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#46

Dibromomethane

Concen: 4.674 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

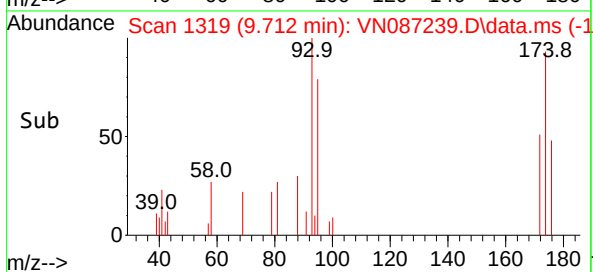
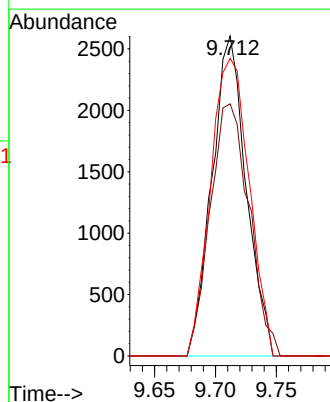
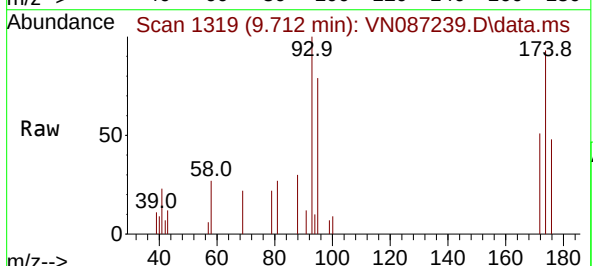
Tgt Ion: 93 Resp: 5096

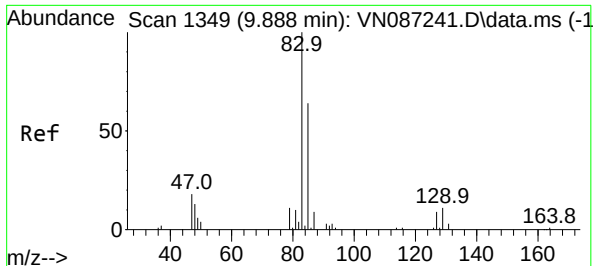
Ion Ratio Lower Upper

93 100

95 89.4 66.1 99.1

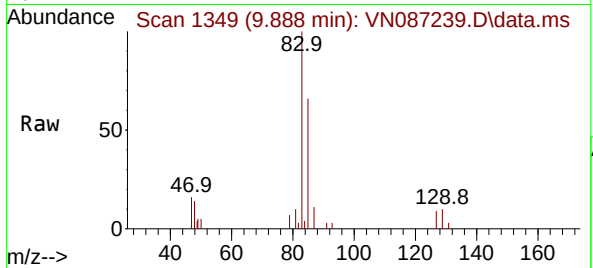
174 105.0 81.8 122.6





#47
Bromodichloromethane
Concen: 5.123 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

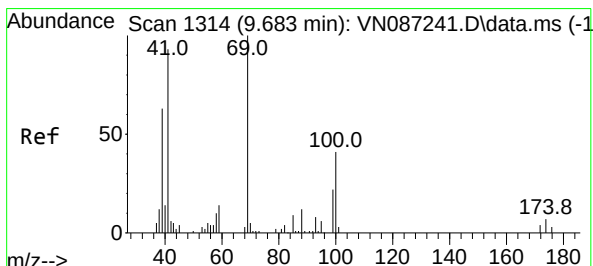
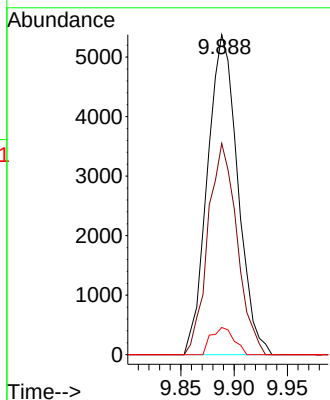
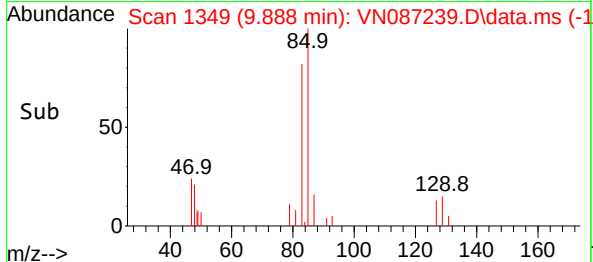
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



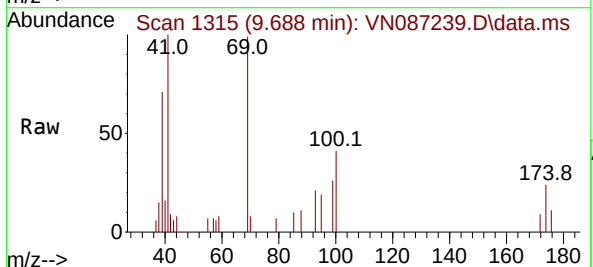
Tgt Ion: 83 Resp: 1065
Ion Ratio Lower Upper
83 100
85 66.0 51.2 76.8
127 8.5 7.0 10.4

Manual Integrations
APPROVED

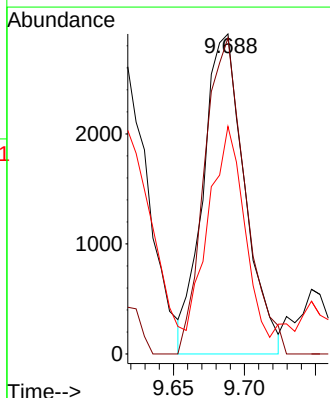
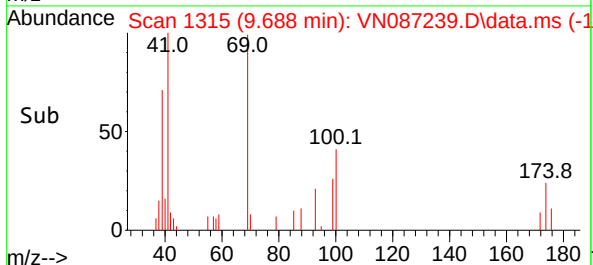
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

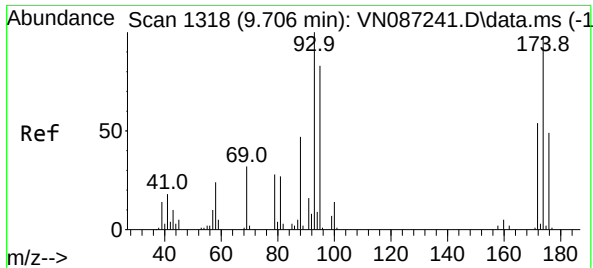


#48
Methyl methacrylate
Concen: 4.433 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26



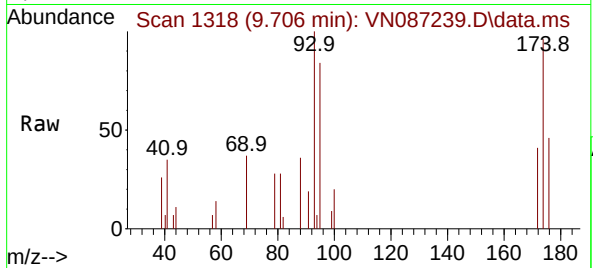
Tgt Ion: 41 Resp: 5910
Ion Ratio Lower Upper
41 100
69 97.1 81.4 122.2
39 58.3 56.9 85.3





#49
1,4-Dioxane
Concen: 95.176 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

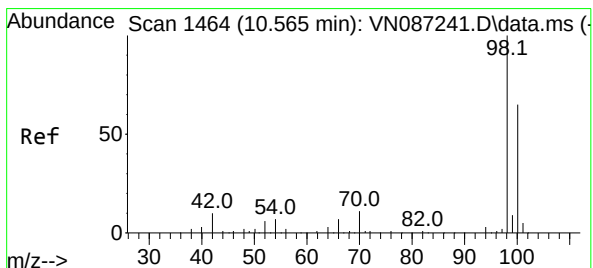
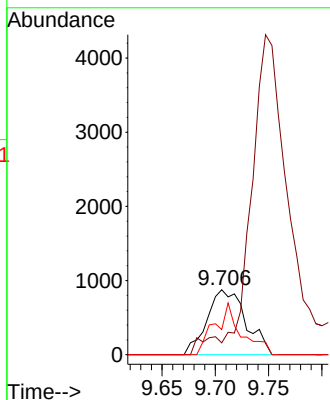
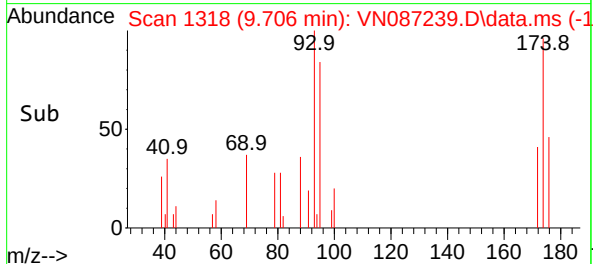
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



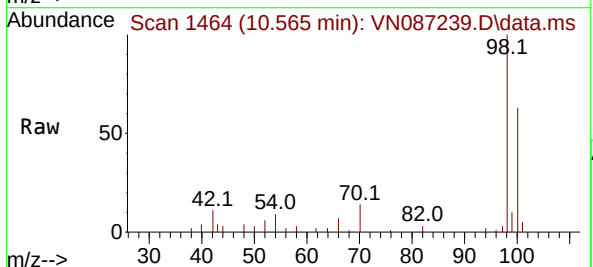
Tgt Ion: 88 Resp: 2210
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 54.6 47.8 71.8

Manual Integrations
APPROVED

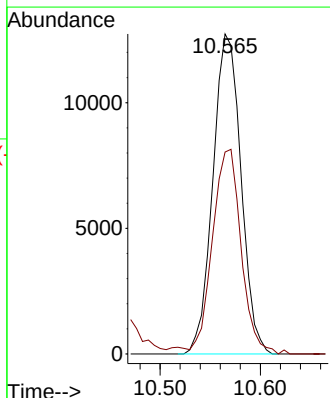
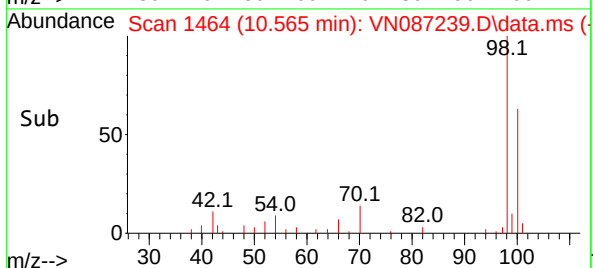
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

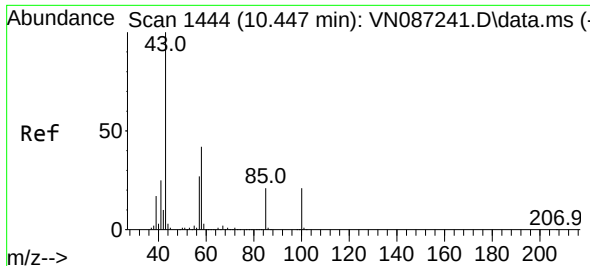


#50
Toluene-d8
Concen: 4.554 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26



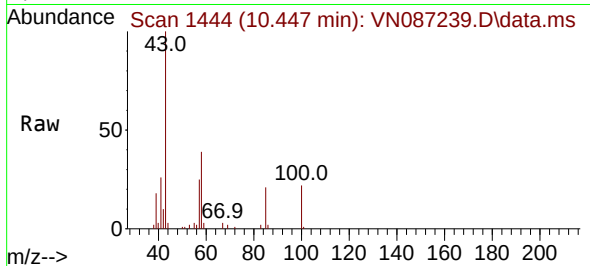
Tgt Ion: 98 Resp: 24770
Ion Ratio Lower Upper
98 100
100 66.4 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 21.210 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

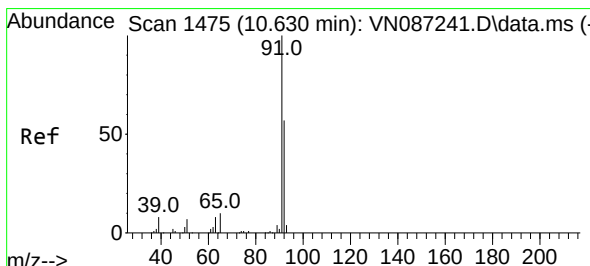
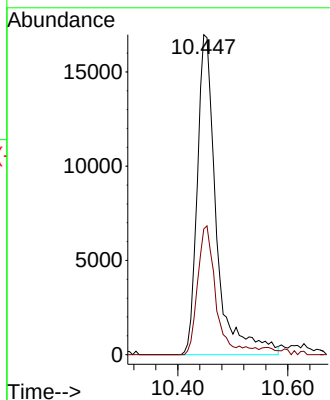
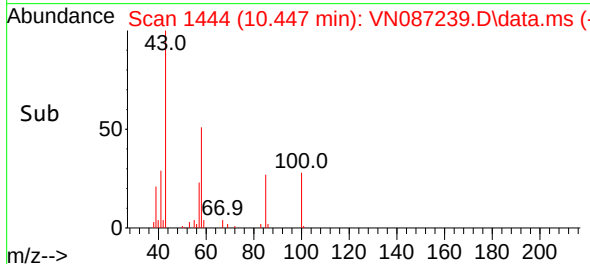
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 4105
Ion Ratio Lower Upper
43 100
58 36.8 34.2 51.2

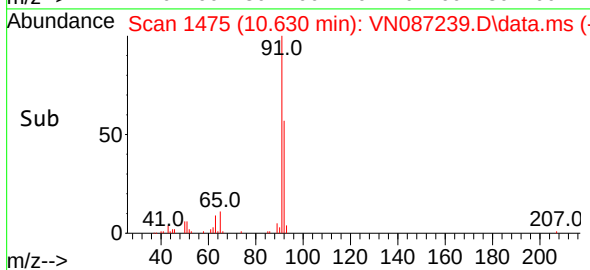
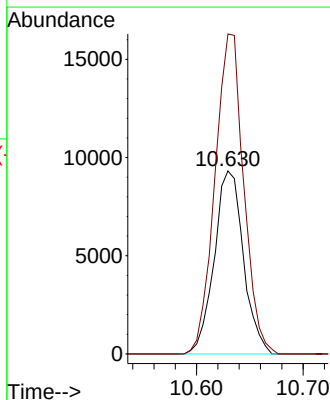
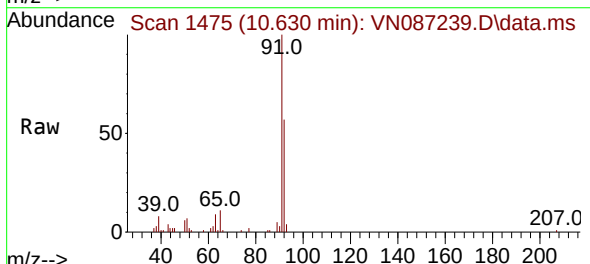
Manual Integrations
APPROVED

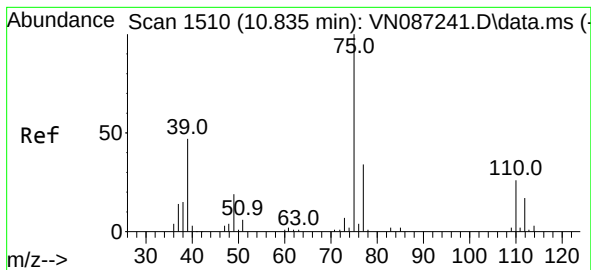
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#52
Toluene
Concen: 4.591 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

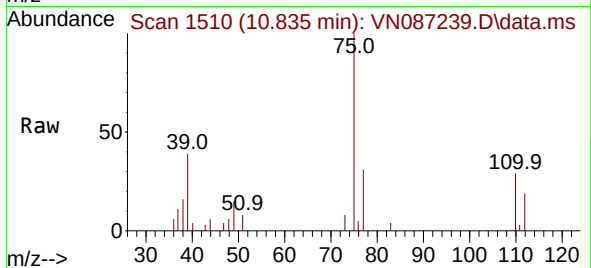
Tgt Ion: 92 Resp: 17699
Ion Ratio Lower Upper
92 100
91 172.7 137.8 206.6





#53
t-1,3-Dichloropropene
Concen: 4.555 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

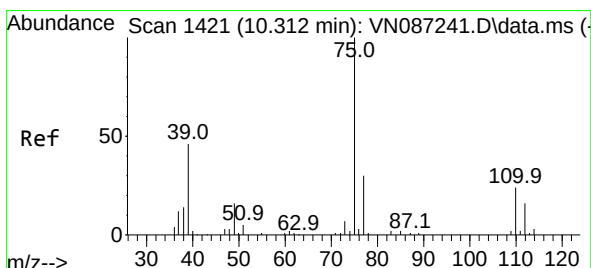
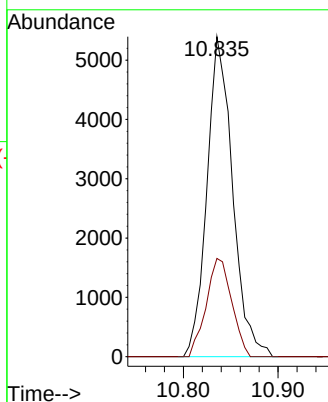
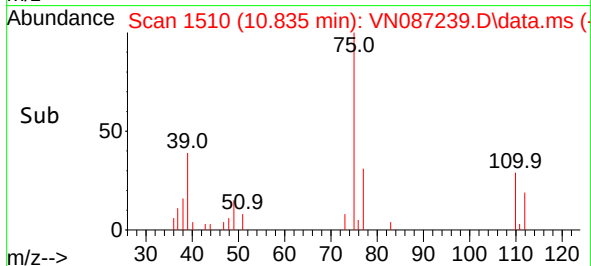
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



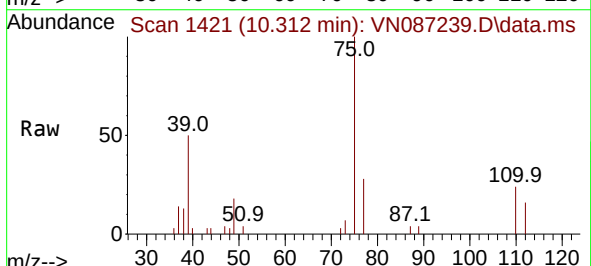
Tgt Ion: 75 Resp: 10159
Ion Ratio Lower Upper
75 100
77 30.7 27.1 40.7

Manual Integrations
APPROVED

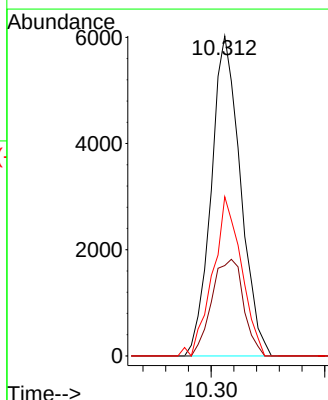
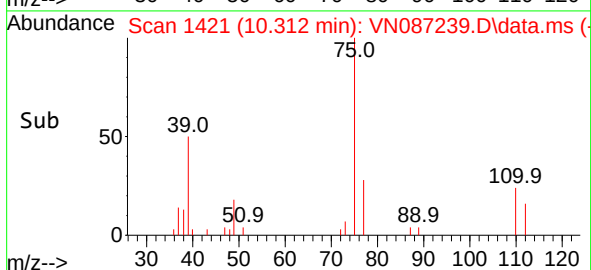
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

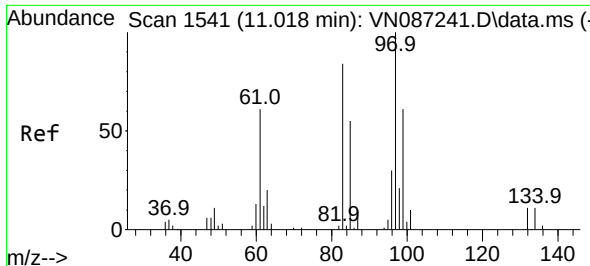


#54
cis-1,3-Dichloropropene
Concen: 4.737 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26



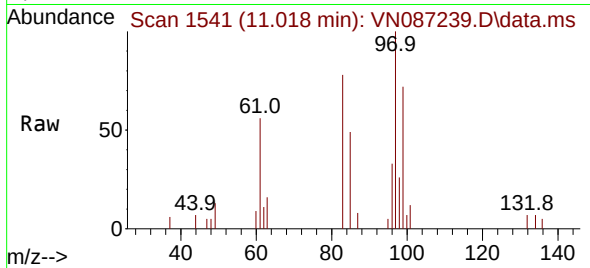
Tgt Ion: 75 Resp: 10766
Ion Ratio Lower Upper
75 100
77 28.2 24.1 36.1
39 49.7 36.7 55.1





#55
1,1,2-Trichloroethane
Concen: 4.947 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

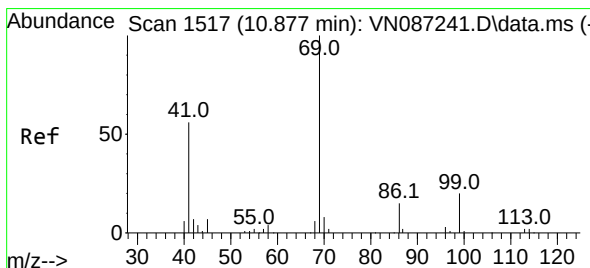
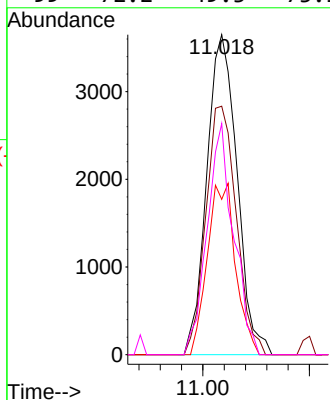
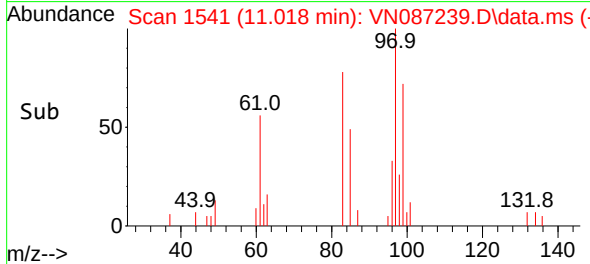
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



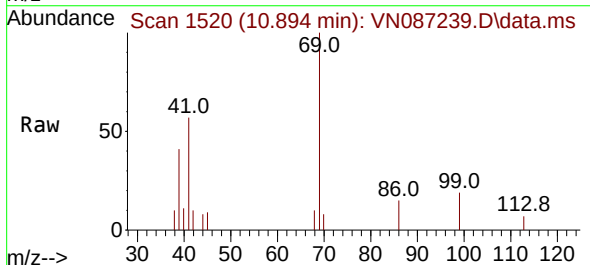
Tgt Ion	Ratio	Lower	Upper
97	100		
83	77.7	67.4	101.2
85	48.5	43.6	65.4
99	72.2	49.3	73.9

Manual Integrations
APPROVED

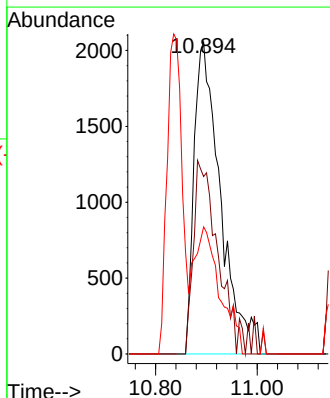
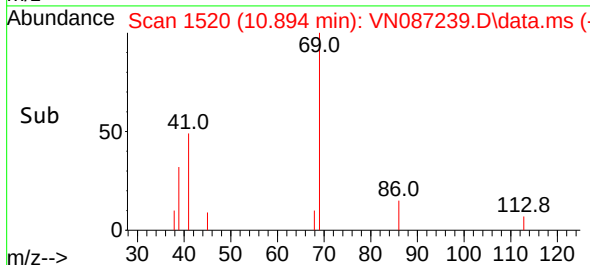
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

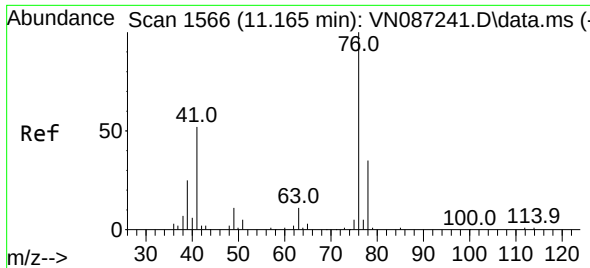


#56
Ethyl methacrylate
Concen: 3.479 ug/l m
RT: 10.894 min Scan# 1520
Delta R.T. 0.017 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26



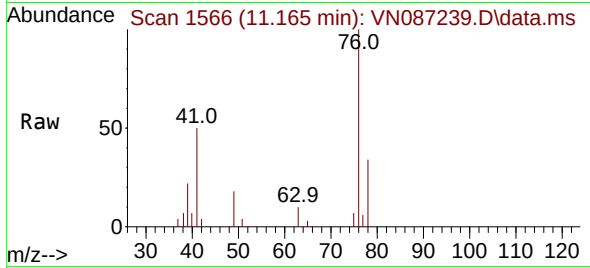
Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.4	44.2	66.4
39	40.3	29.5	44.3





#57
1,3-Dichloropropane
Concen: 4.808 ug/l
RT: 11.165 min Scan# 11429
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

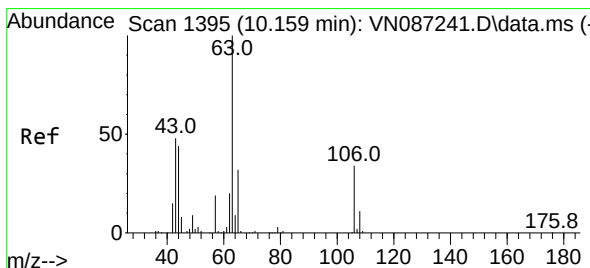
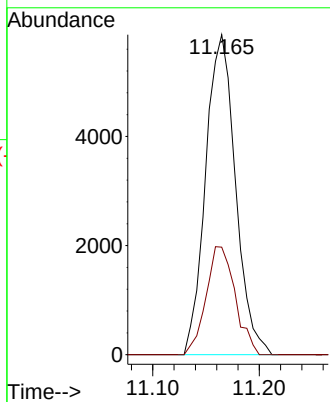
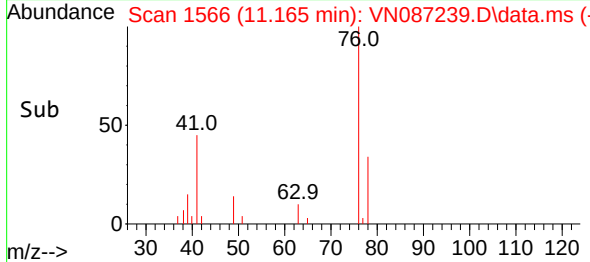
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 11429
Ion Ratio Lower Upper
76 100
78 32.9 27.1 40.7

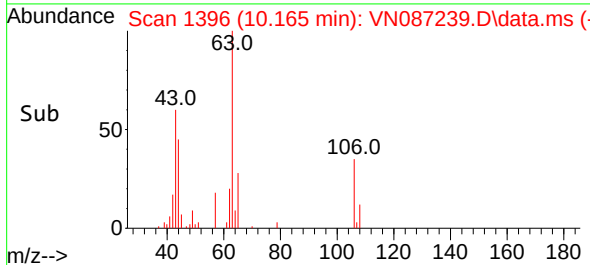
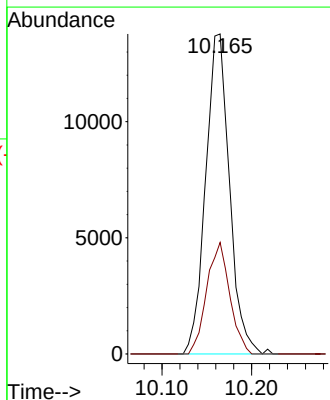
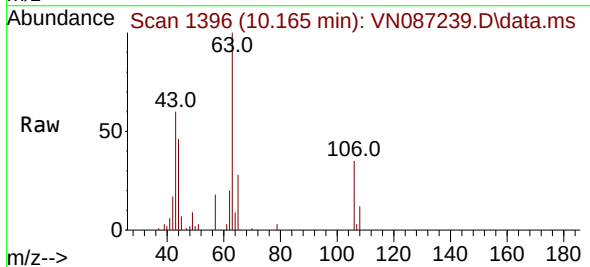
Manual Integrations
APPROVED

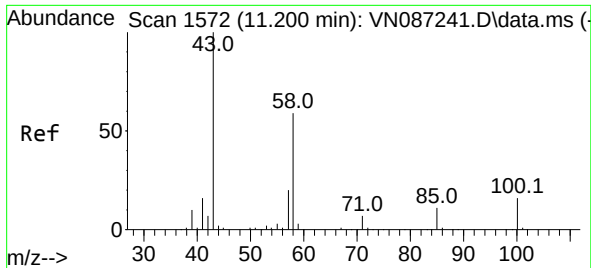
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#58
2-Chloroethyl Vinyl ether
Concen: 22.570 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 63 Resp: 25452
Ion Ratio Lower Upper
63 100
106 33.6 26.9 40.3





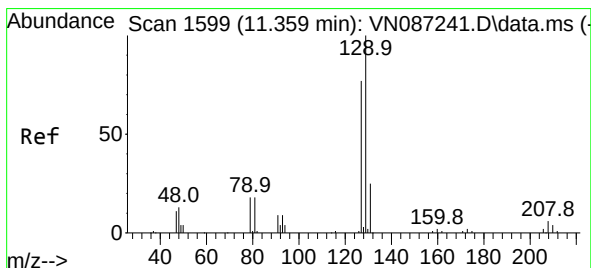
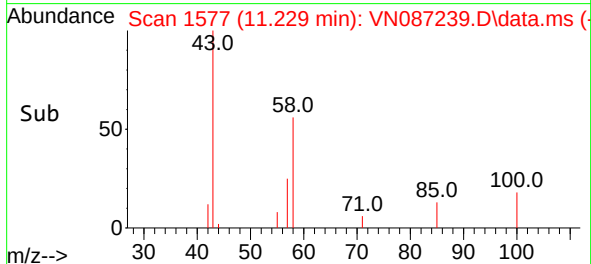
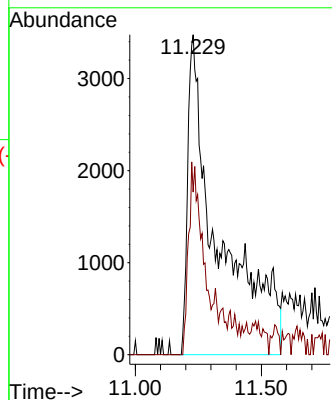
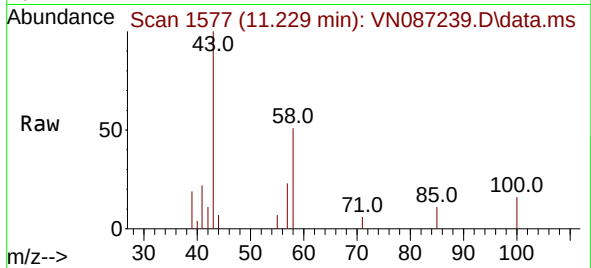
#59
2-Hexanone
Concen: 21.538 ug/l m
RT: 11.229 min Scan# 1577
Delta R.T. 0.029 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 2925
Ion Ratio Lower Upper
43 100
58 27.0 31.1 93.3

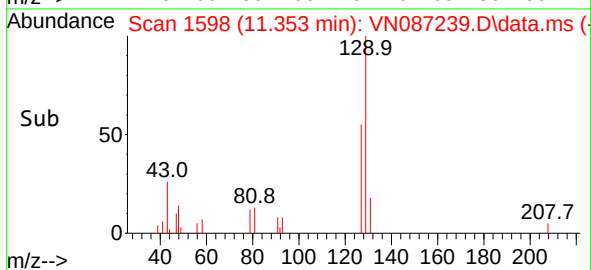
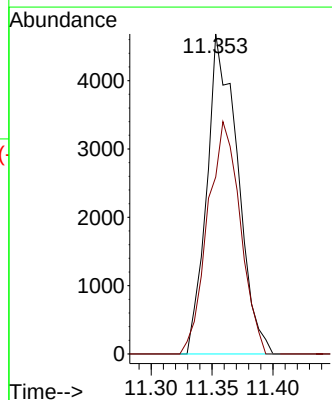
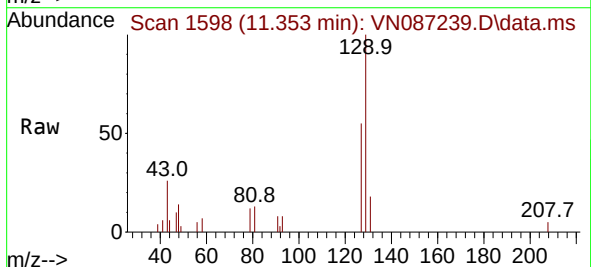
Manual Integrations
APPROVED

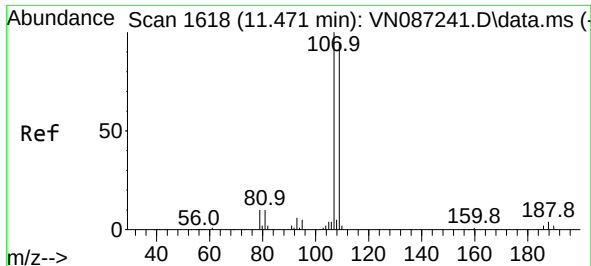
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#60
Dibromochloromethane
Concen: 4.778 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

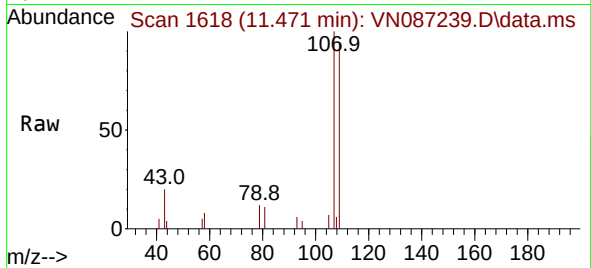
Tgt Ion:129 Resp: 8203
Ion Ratio Lower Upper
129 100
127 77.1 39.3 117.9





#61
1,2-Dibromoethane
Concen: 4.732 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

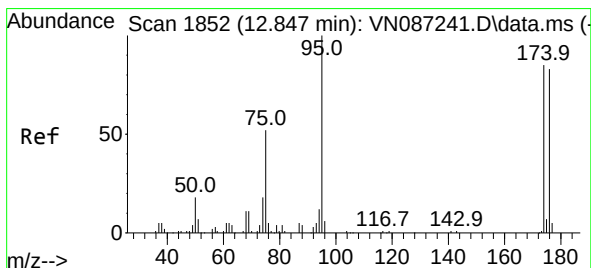
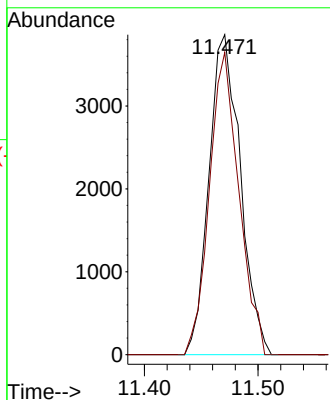
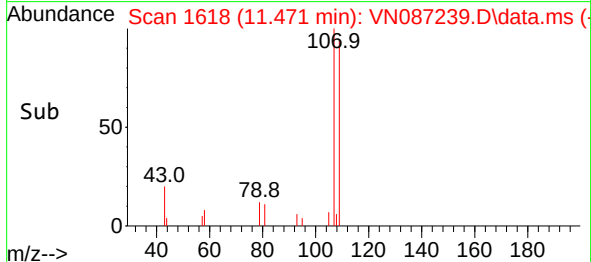
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:107 Resp: 741
Ion Ratio Lower Upper
107 100
109 88.8 76.0 114.0

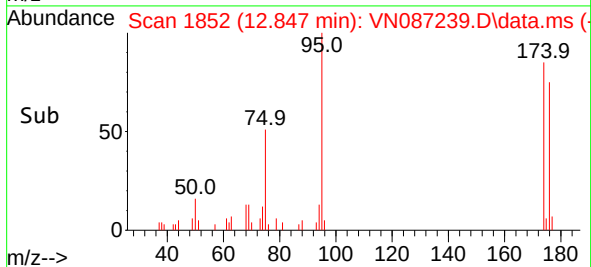
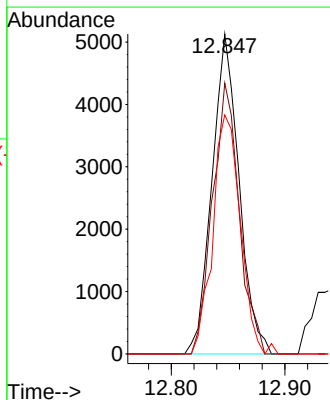
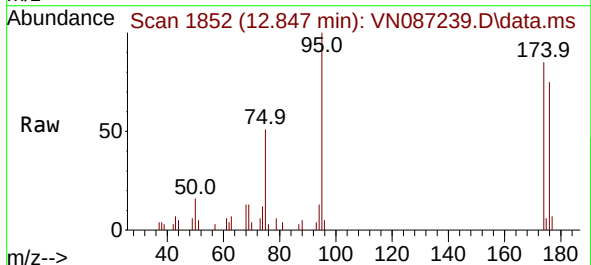
Manual Integrations
APPROVED

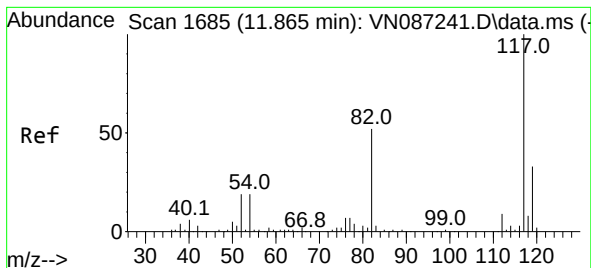
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#62
4-Bromofluorobenzene
Concen: 4.389 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

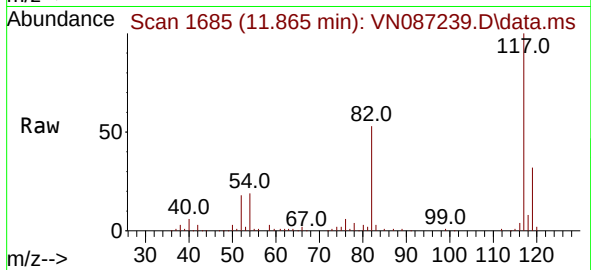
Tgt Ion: 95 Resp: 8493
Ion Ratio Lower Upper
95 100
174 83.1 0.0 169.6
176 76.1 0.0 161.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

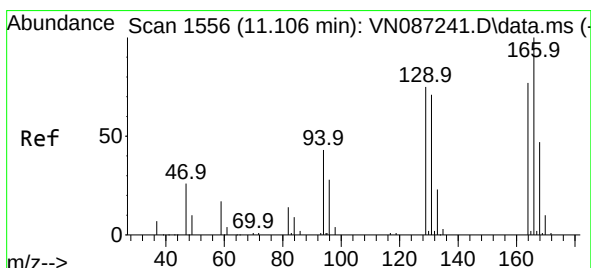
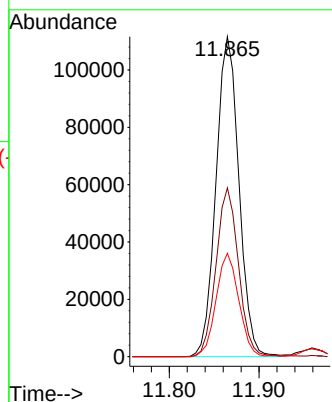
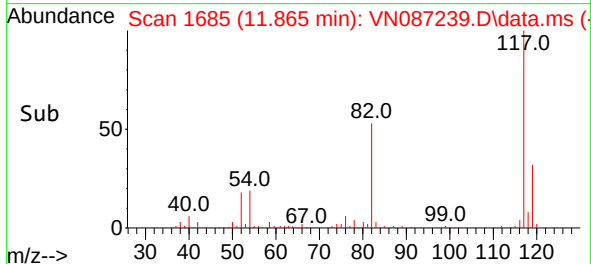
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



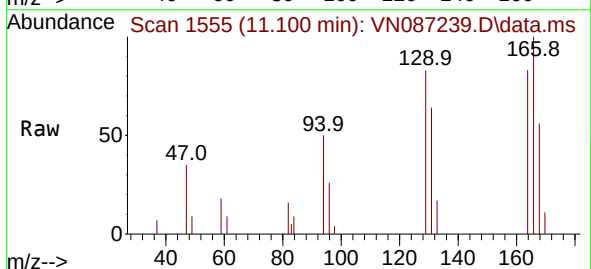
Tgt Ion:117 Resp: 19849
Ion Ratio Lower Upper
117 100
82 52.7 41.9 62.9
119 32.3 26.2 39.4

Manual Integrations
APPROVED

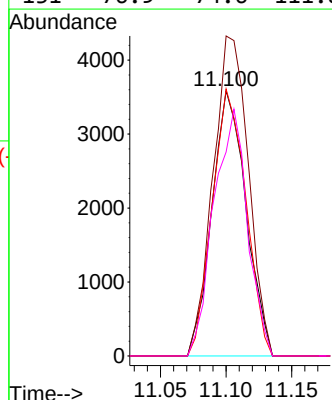
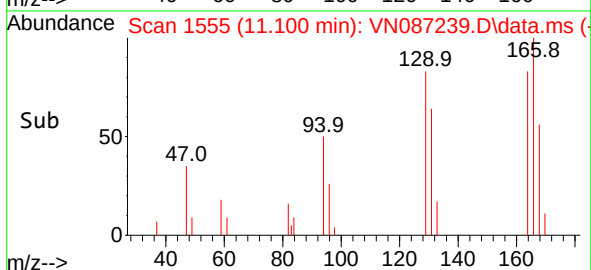
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

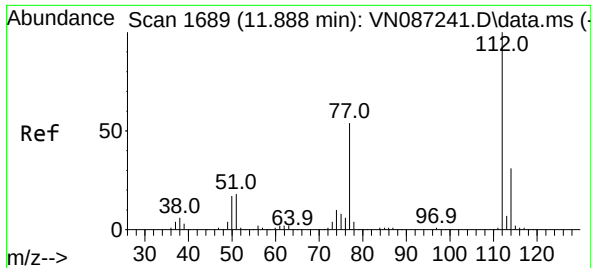


#64
Tetrachloroethene
Concen: 4.883 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26



Tgt Ion:164 Resp: 6463
Ion Ratio Lower Upper
164 100
166 120.7 104.3 156.5
129 100.6 78.5 117.7
131 76.9 74.6 111.8





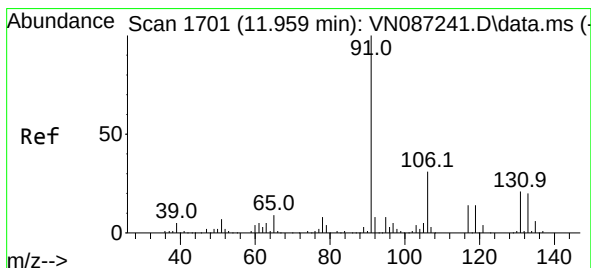
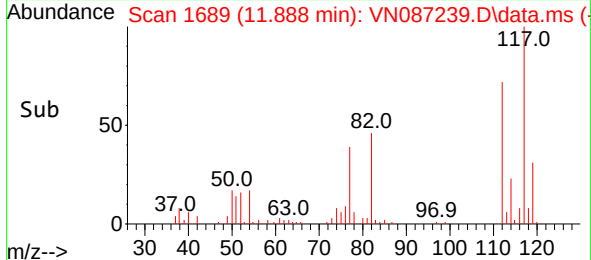
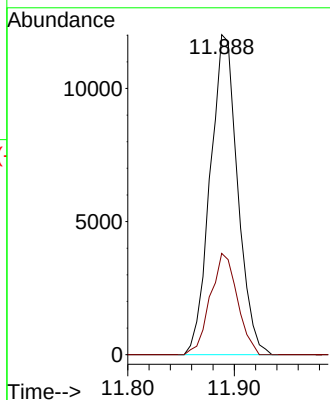
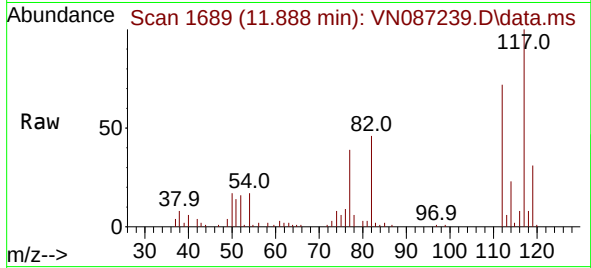
#65
Chlorobenzene
Concen: 4.824 ug/l
RT: 11.888 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 2148
Ion Ratio Lower Upper
112 100
114 31.7 24.4 36.6

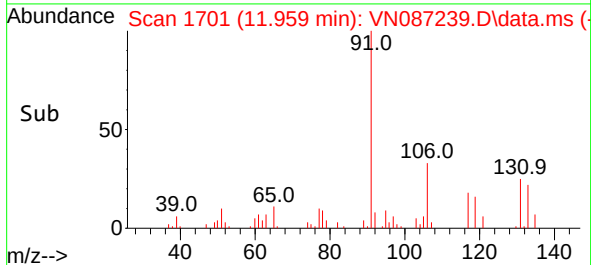
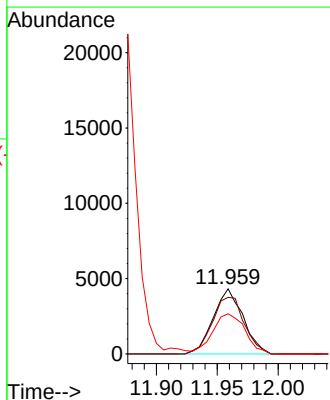
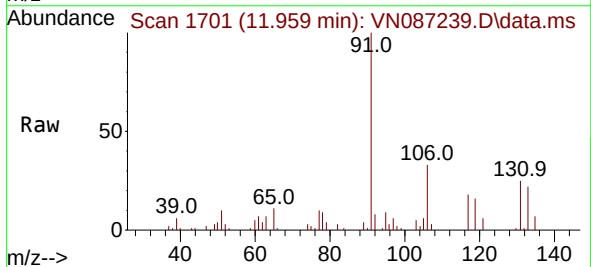
Manual Integrations
APPROVED

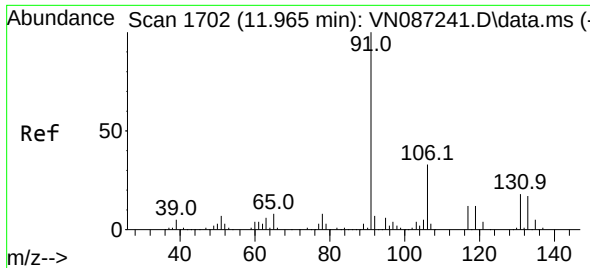
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.772 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion:131 Resp: 7339
Ion Ratio Lower Upper
131 100
133 95.0 47.2 141.6
119 67.1 32.4 97.2





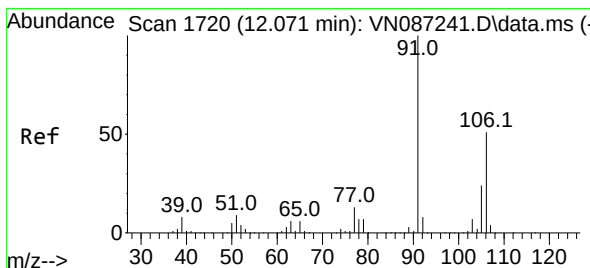
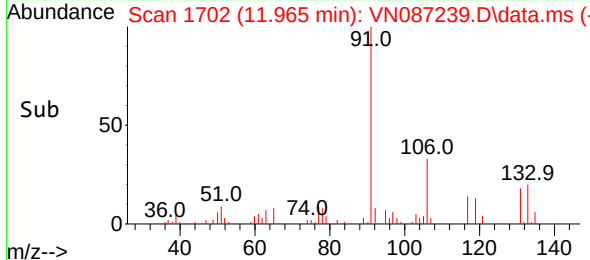
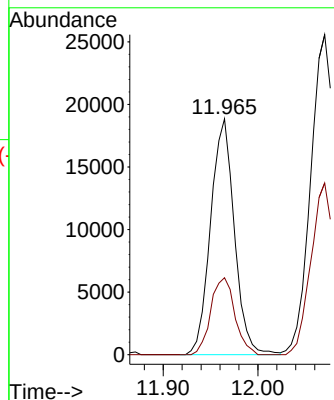
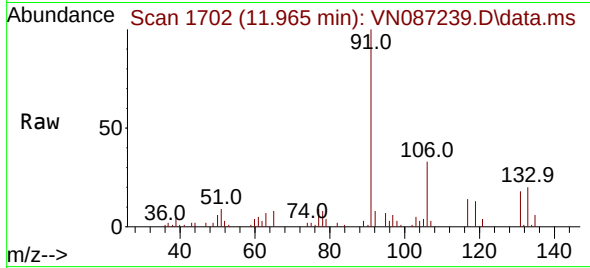
#67
Ethyl Benzene
Concen: 4.568 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 32924
Ion Ratio Lower Upper
91 100
106 32.6 26.2 39.4

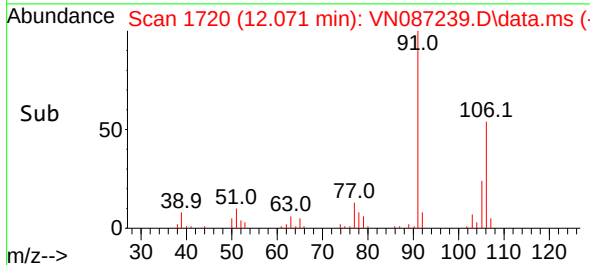
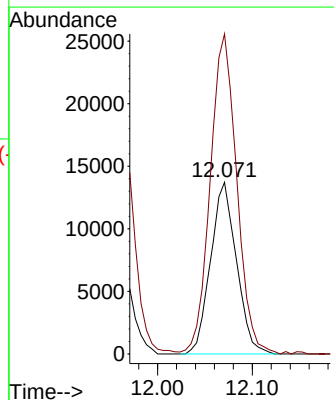
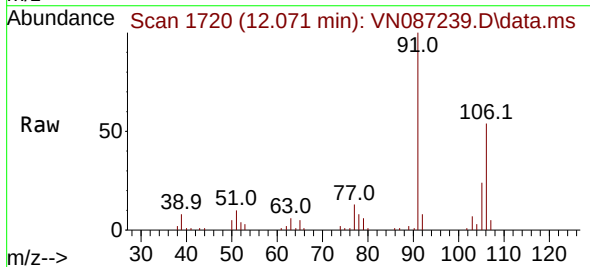
Manual Integrations
APPROVED

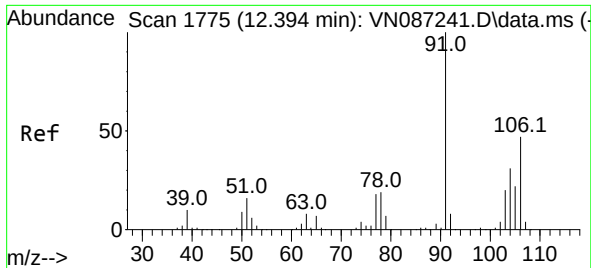
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#68
m/p-Xylenes
Concen: 9.037 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion:106 Resp: 26022
Ion Ratio Lower Upper
106 100
91 191.0 158.2 237.2





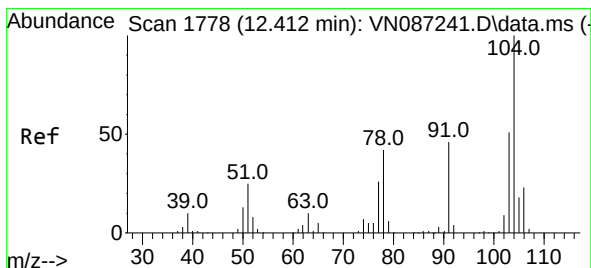
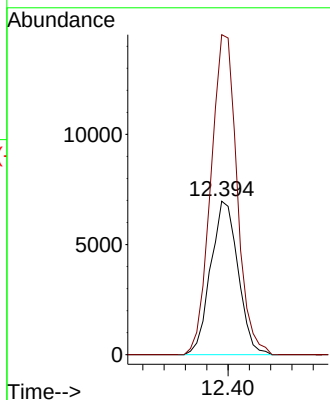
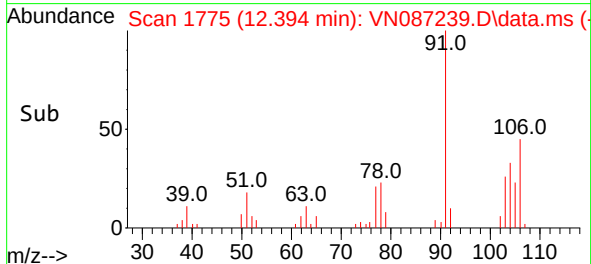
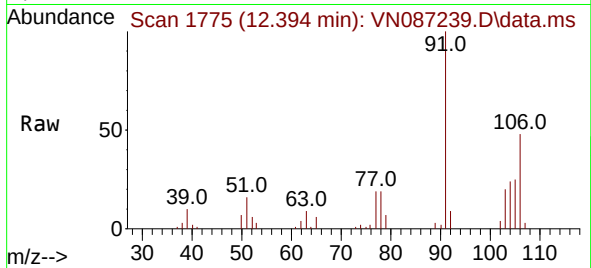
#69
o-Xylene
Concen: 4.607 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 12410
Ion Ratio Lower Upper
106 100
91 199.7 105.4 316.1

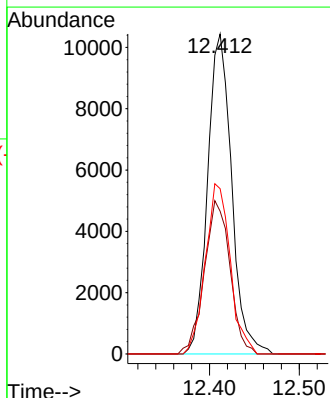
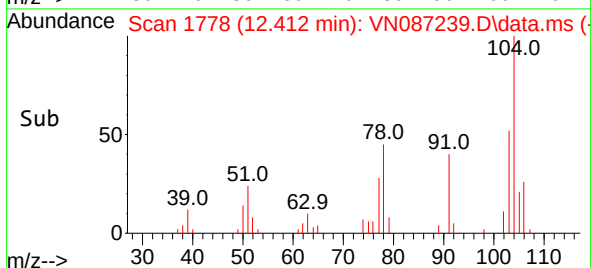
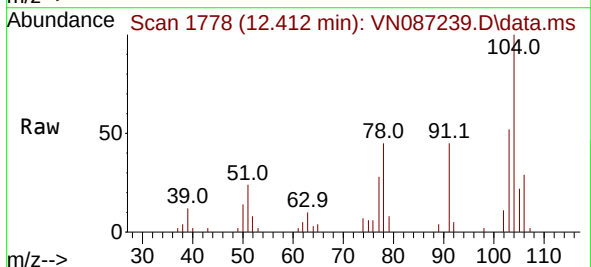
Manual Integrations
APPROVED

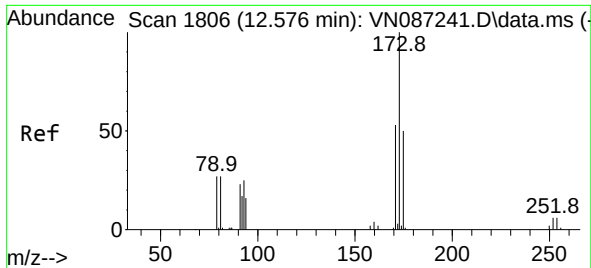
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#70
Styrene
Concen: 4.241 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

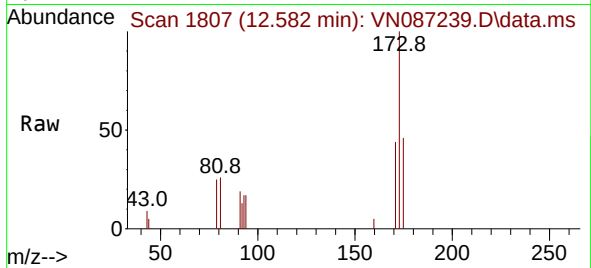
Tgt Ion:104 Resp: 19413
Ion Ratio Lower Upper
104 100
78 51.0 37.6 56.4
103 55.0 44.0 66.0





#71
Bromoform
Concen: 4.828 ug/l
RT: 12.582 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

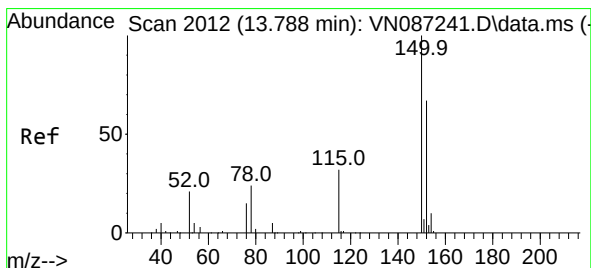
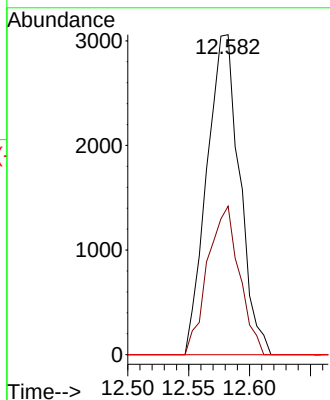
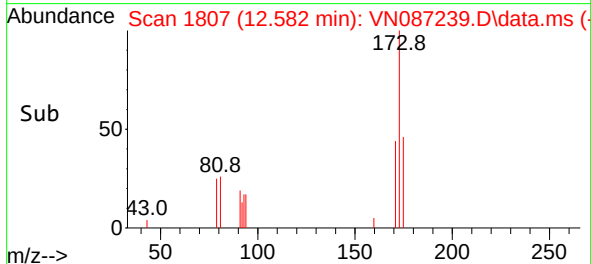
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



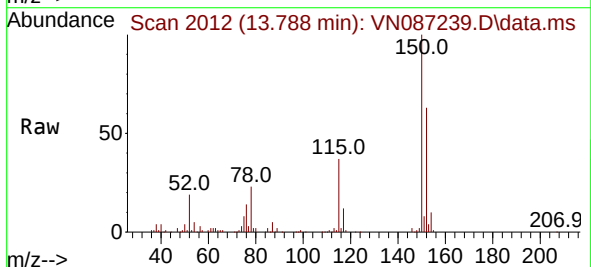
Tgt Ion:173 Resp: 5728
Ion Ratio Lower Upper
173 100
175 45.0 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

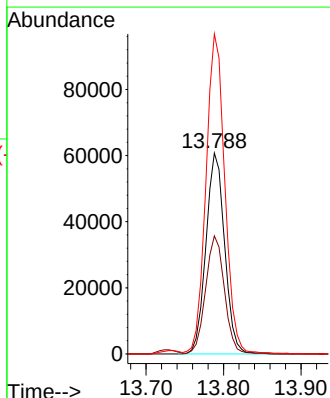
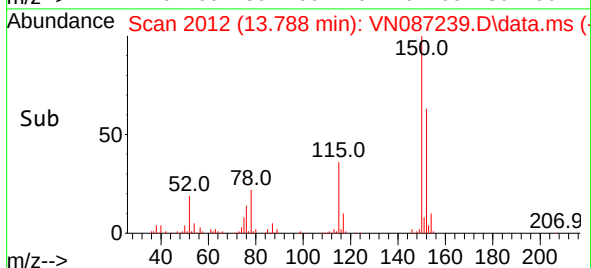
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

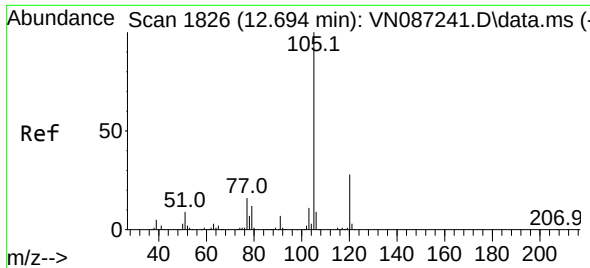


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26



Tgt Ion:152 Resp: 101953
Ion Ratio Lower Upper
152 100
115 59.1 28.3 84.9
150 160.6 0.0 344.6





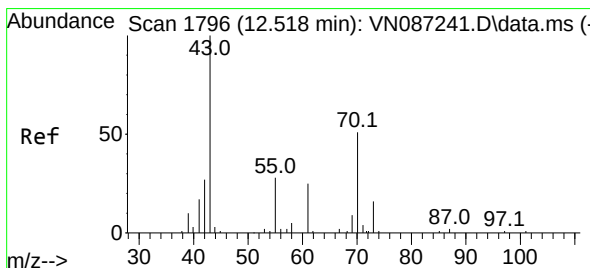
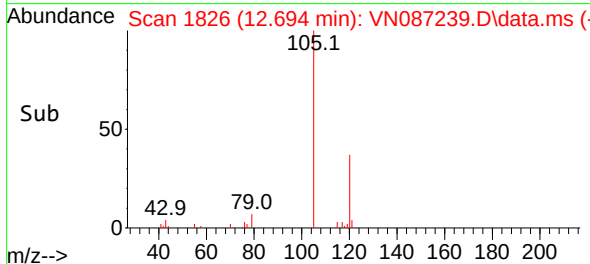
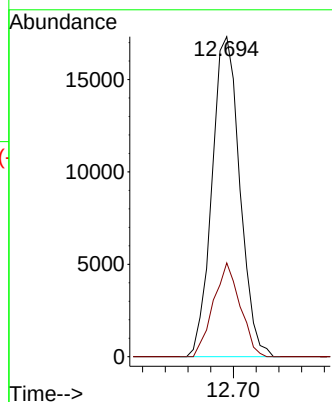
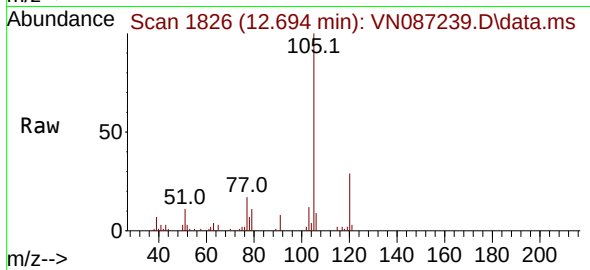
#73
Isopropylbenzene
Concen: 4.491 ug/l
RT: 12.694 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 105 Resp: 2950
Ion Ratio Lower Upper
105 100
120 28.2 13.9 41.6

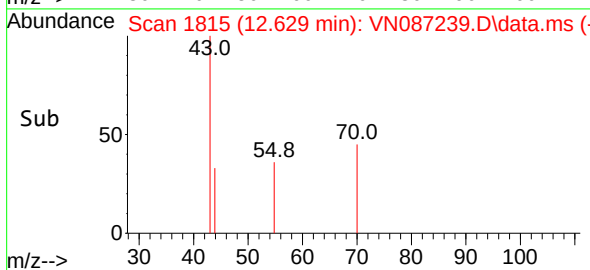
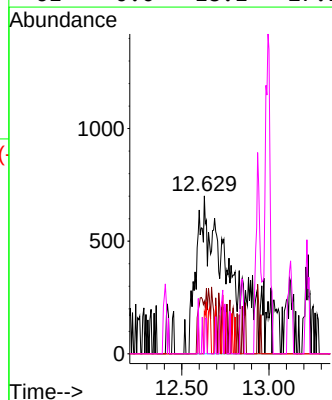
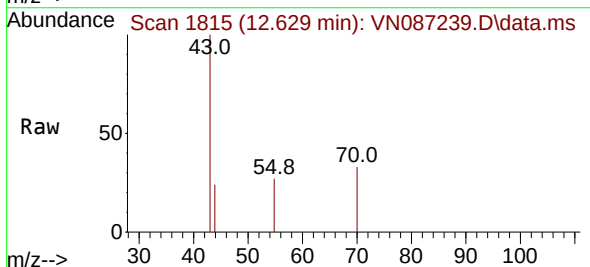
Manual Integrations
APPROVED

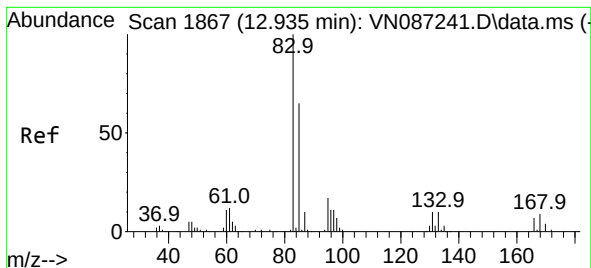
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#74
N-ethyl acetate
Concen: 4.683 ug/l m
RT: 12.629 min Scan# 1815
Delta R.T. 0.111 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

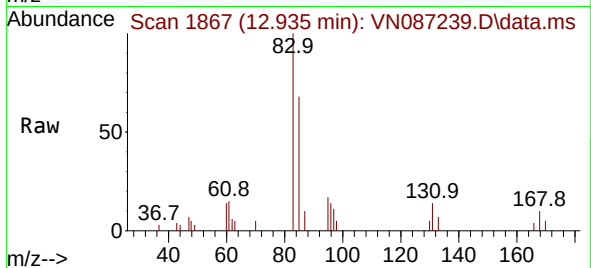
Tgt Ion: 43 Resp: 10406
Ion Ratio Lower Upper
43 100
70 0.0 29.2 43.8#
55 0.0 17.0 25.4#
61 0.0 18.1 27.1#





#75
1,1,2,2-Tetrachloroethane
Concen: 4.947 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

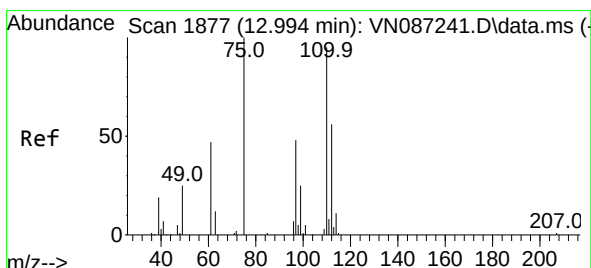
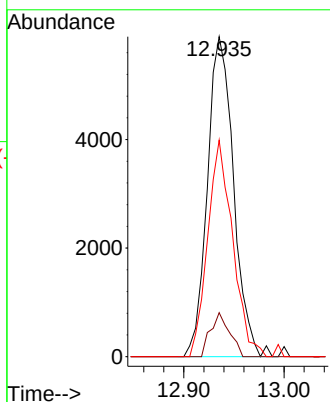
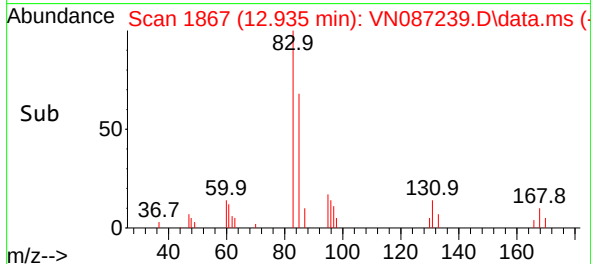
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



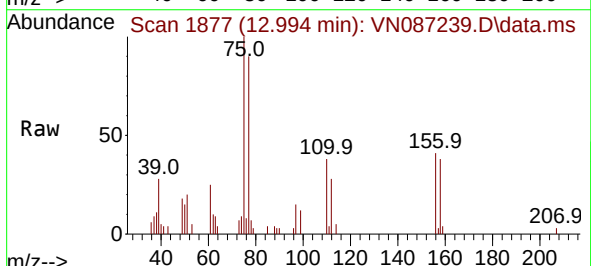
Tgt Ion: 83 Resp: 10690
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.9
85 64.6 32.2 96.6

Manual Integrations
APPROVED

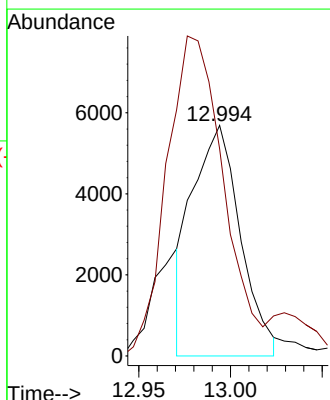
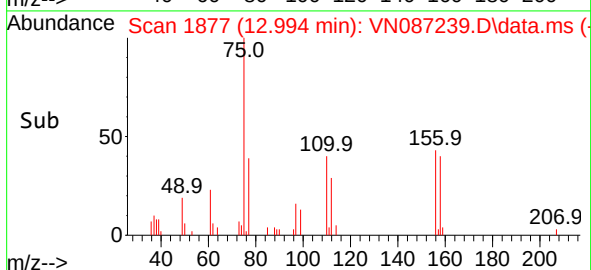
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

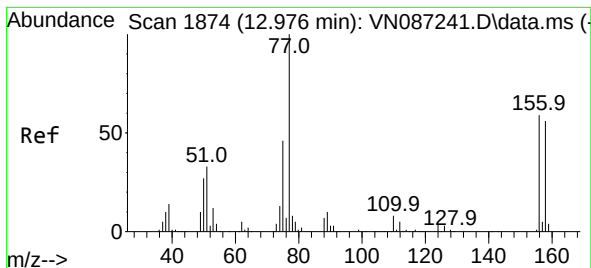


#76
1,2,3-Trichloropropane
Concen: 5.296 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26



Tgt Ion: 75 Resp: 10355
Ion Ratio Lower Upper
75 100
77 163.7 82.0 245.8





#77

Bromobenzene

Concen: 4.894 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

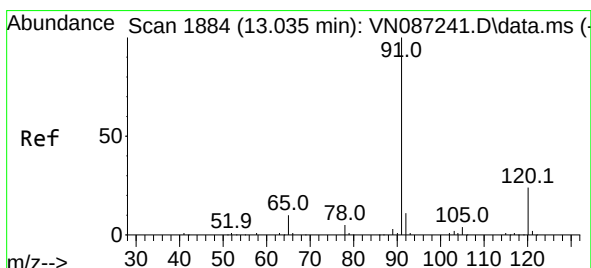
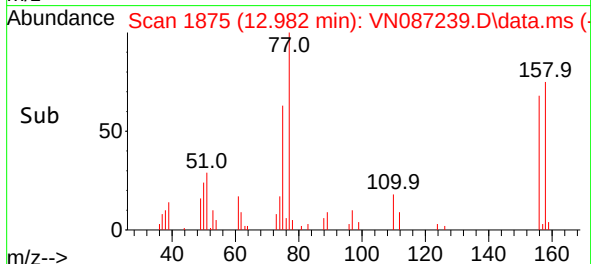
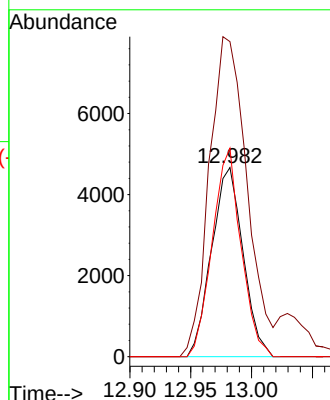
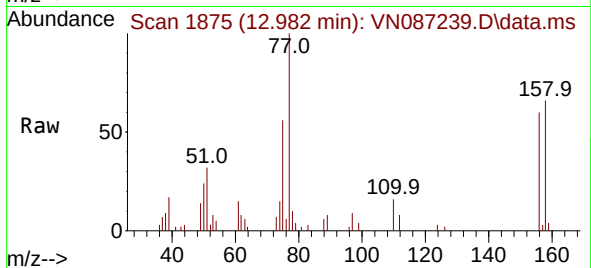
Tgt Ion:	156	Resp:	839
Ion Ratio	Lower	Upper	
156	100		
77	202.0	98.0	294.1
158	101.1	47.7	143.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#78

n-propylbenzene

Concen: 4.573 ug/l

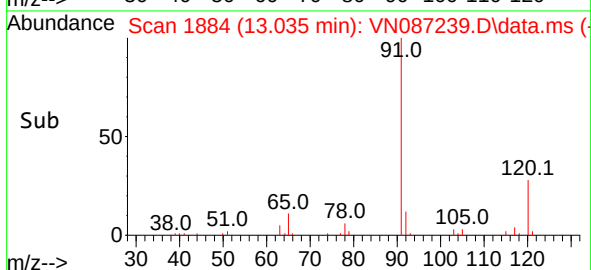
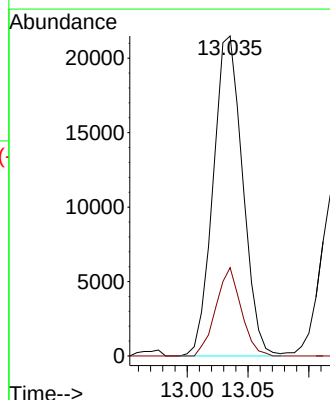
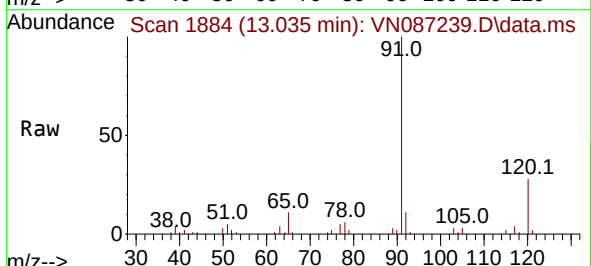
RT: 13.035 min Scan# 1884

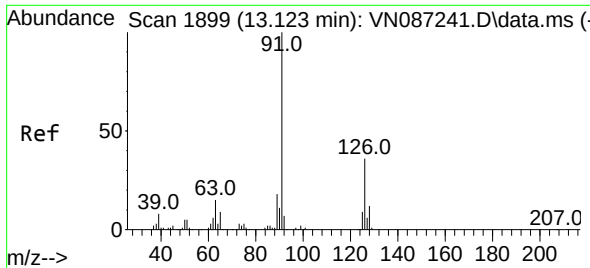
Delta R.T. -0.000 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

Tgt Ion:	91	Resp:	36288
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.0	36.0





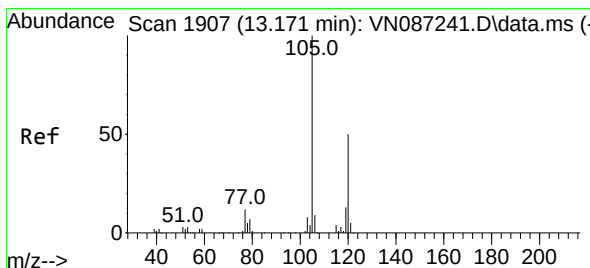
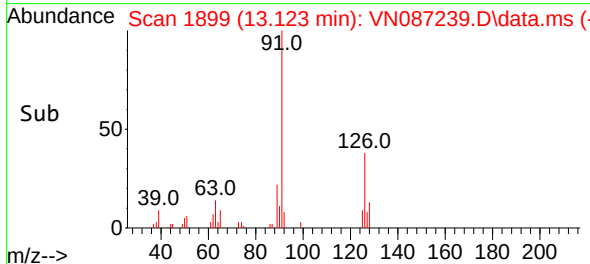
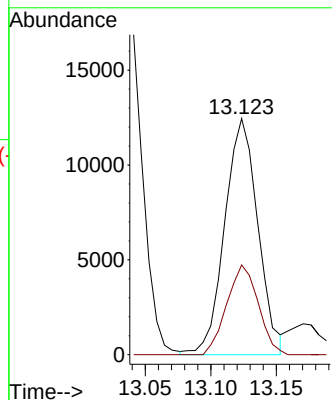
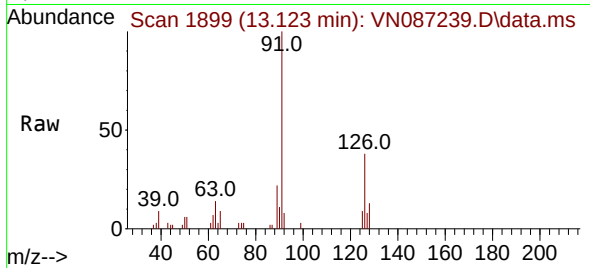
#79
2-Chlorotoluene
Concen: 4.640 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 21914
Ion Ratio Lower Upper
91 100
126 36.0 17.8 53.3

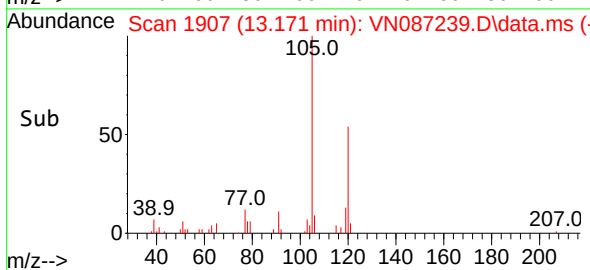
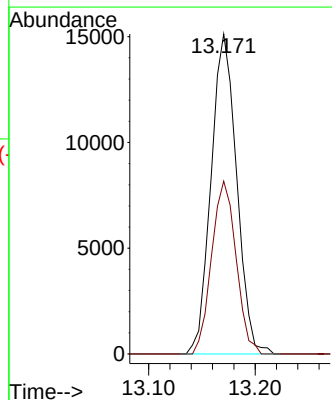
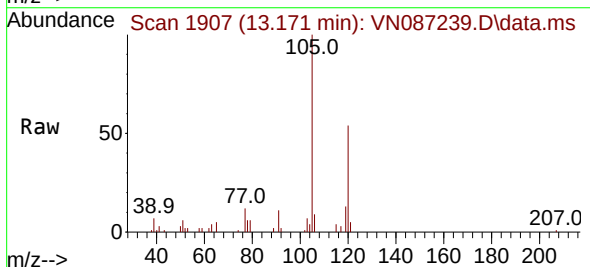
Manual Integrations
APPROVED

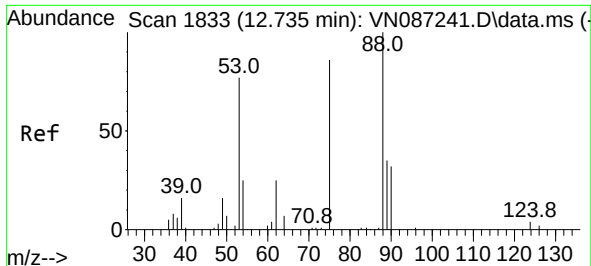
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.584 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

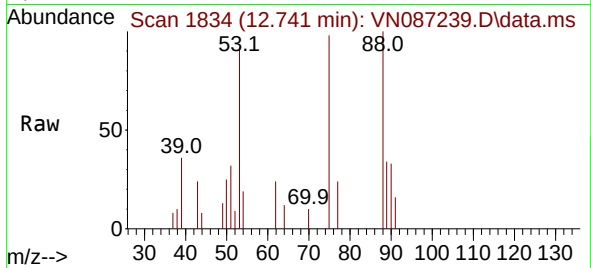
Tgt Ion:105 Resp: 25170
Ion Ratio Lower Upper
105 100
120 51.7 25.3 75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 4.348 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

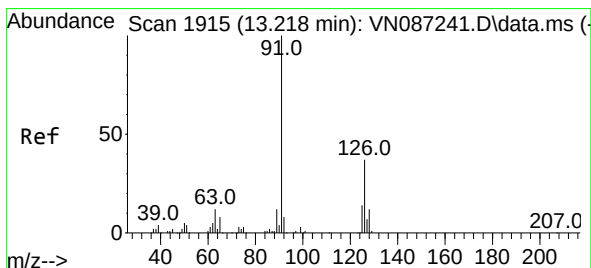
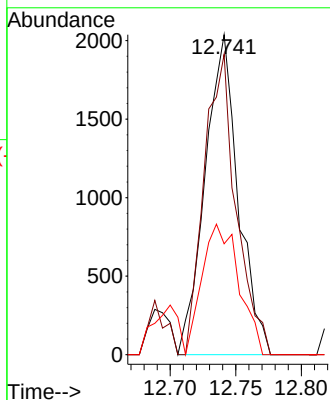
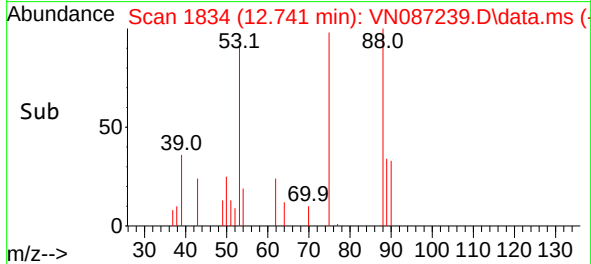
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 3590
Ion Ratio Lower Upper
75 100
53 90.7 70.6 105.8
89 45.4 36.1 54.1

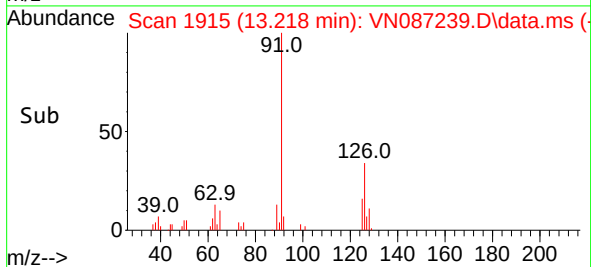
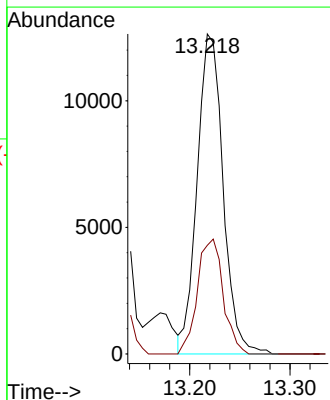
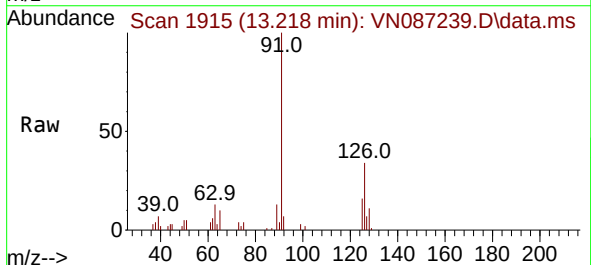
Manual Integrations
APPROVED

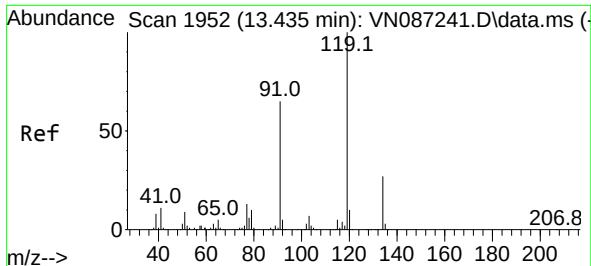
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#82
4-Chlorotoluene
Concen: 4.599 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

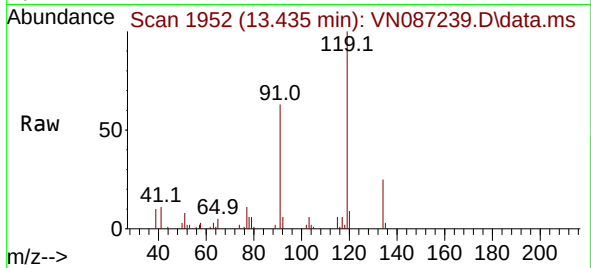
Tgt Ion: 91 Resp: 22736
Ion Ratio Lower Upper
91 100
126 35.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 4.787 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

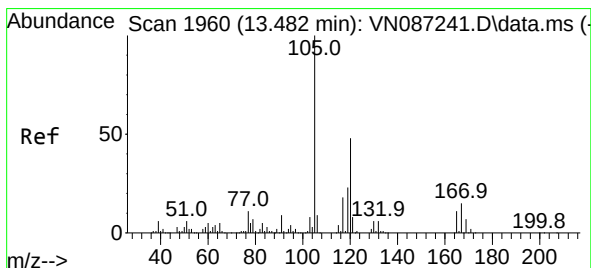
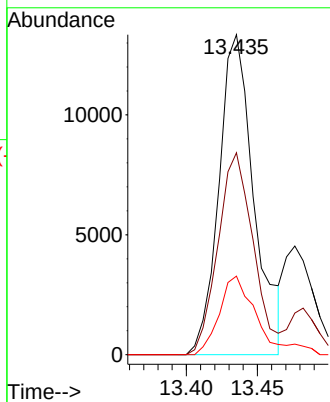
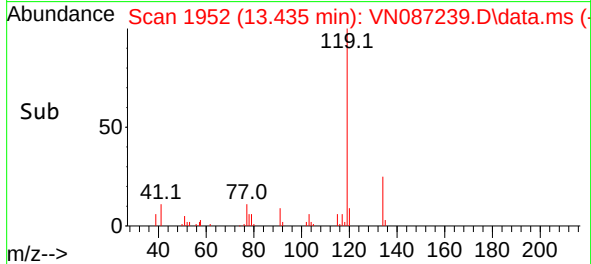
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



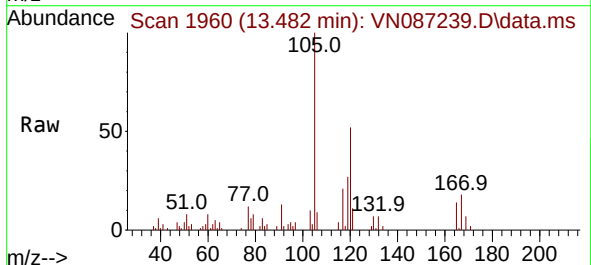
Tgt Ion:119 Resp: 23030
Ion Ratio Lower Upper
119 100
91 63.2 32.5 97.4
134 26.4 14.2 42.8

Manual Integrations
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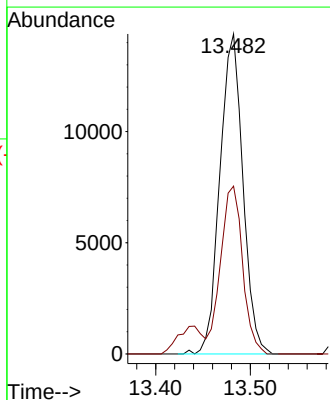
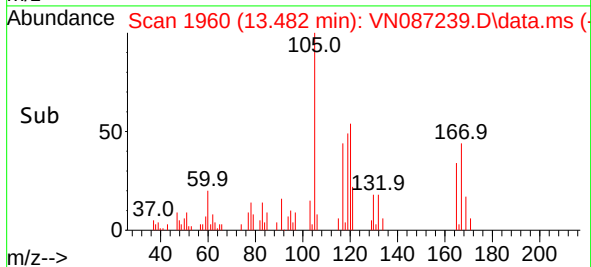
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

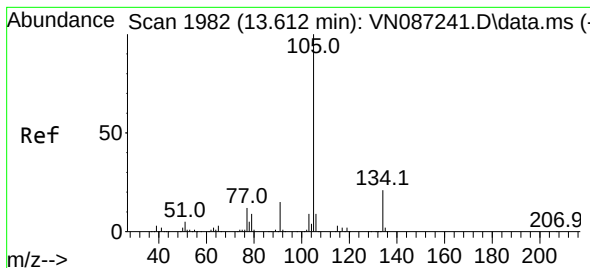


#84
1,2,4-Trimethylbenzene
Concen: 4.413 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26



Tgt Ion:105 Resp: 24274
Ion Ratio Lower Upper
105 100
120 50.2 23.3 69.9





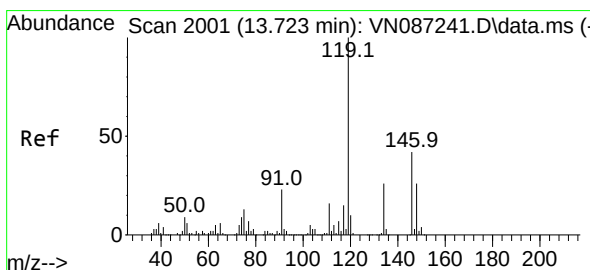
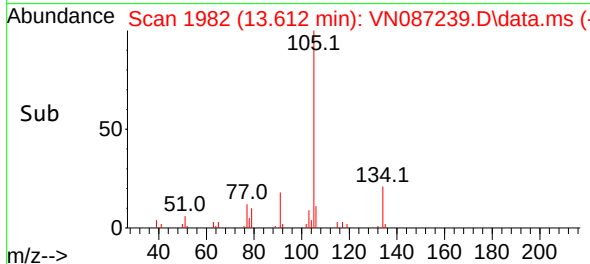
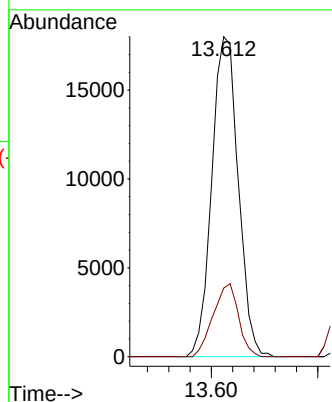
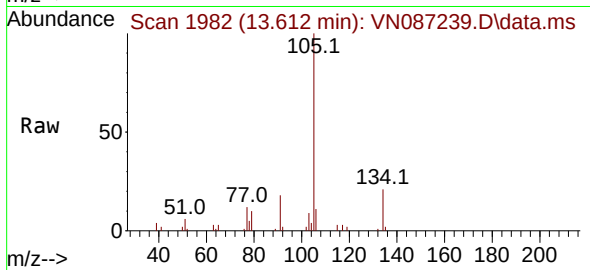
#85
 sec-Butylbenzene
 Concen: 4.551 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 3103
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.4 31.4

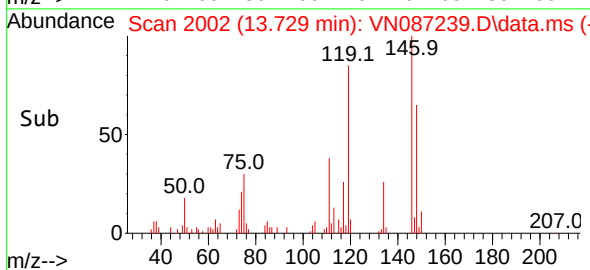
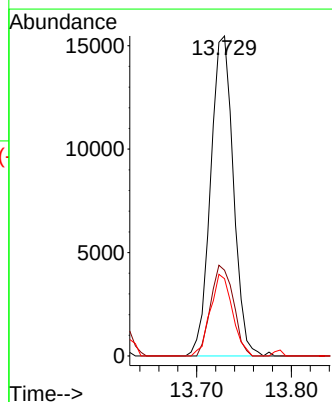
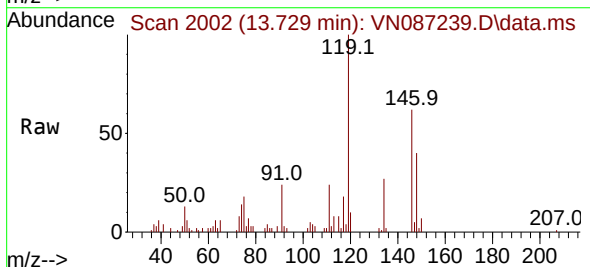
Manual Integrations
 APPROVED

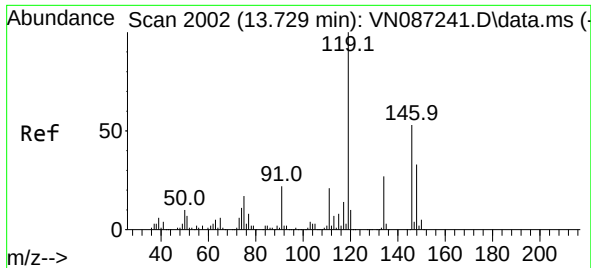
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025



#86
 p-Isopropyltoluene
 Concen: 4.399 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26

Tgt Ion:119 Resp: 25785
 Ion Ratio Lower Upper
 119 100
 134 28.3 13.3 39.8
 91 24.8 11.3 33.9





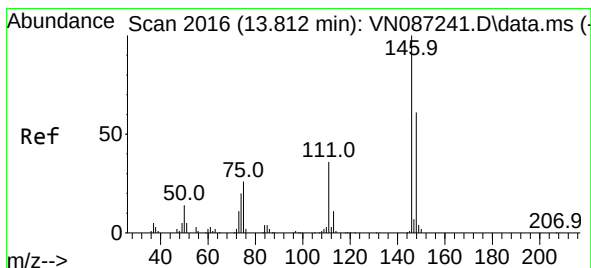
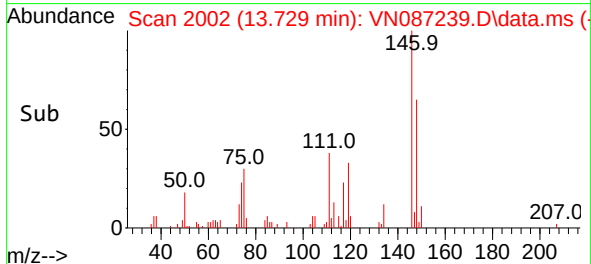
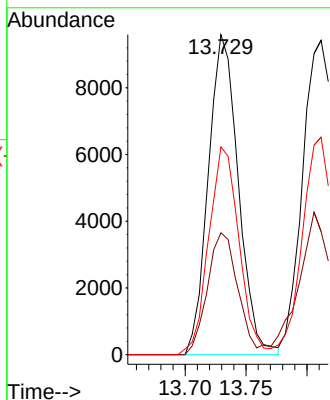
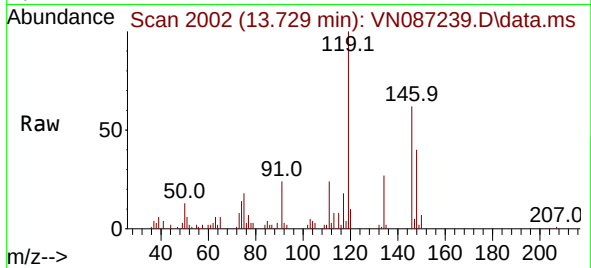
#87
1,3-Dichlorobenzene
Concen: 4.813 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 1643
Ion Ratio Lower Upper
146 100
111 39.4 19.8 59.4
148 65.6 32.0 96.0

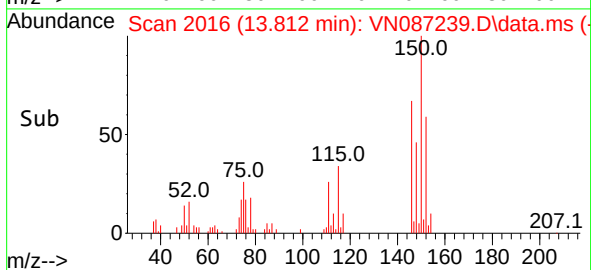
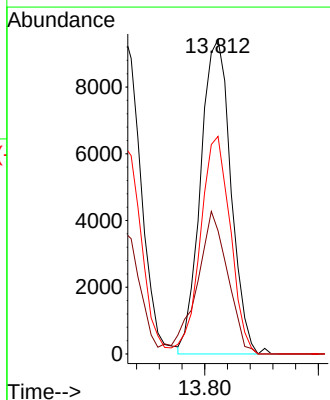
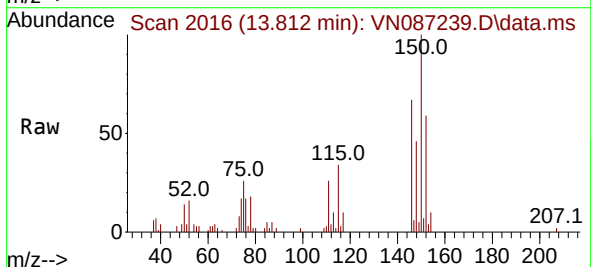
Manual Integrations
APPROVED

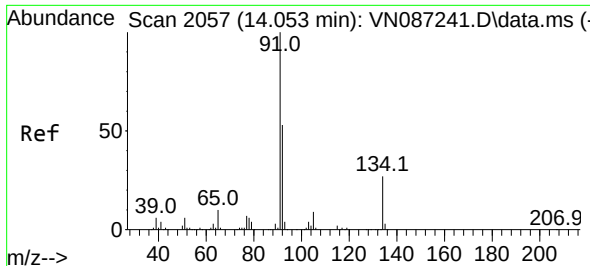
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#88
1,4-Dichlorobenzene
Concen: 4.903 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion:146 Resp: 17485
Ion Ratio Lower Upper
146 100
111 45.4 19.1 57.5
148 68.0 31.8 95.3





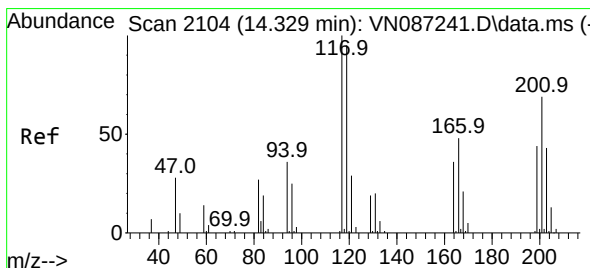
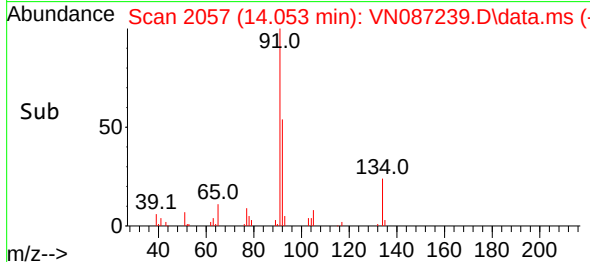
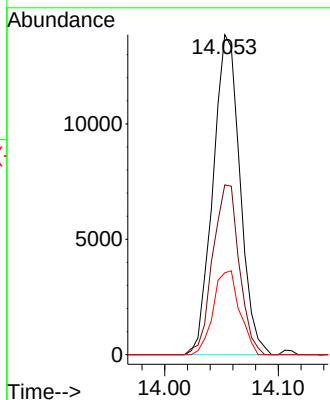
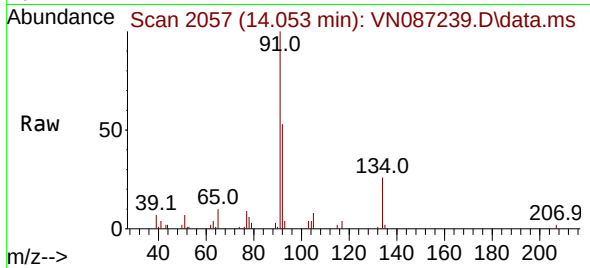
#89
n-Butylbenzene
Concen: 4.435 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 2288
Ion Ratio Lower Upper
91 100
92 52.2 26.7 80.0
134 25.6 13.7 41.1

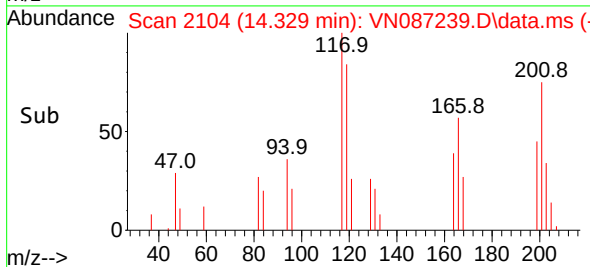
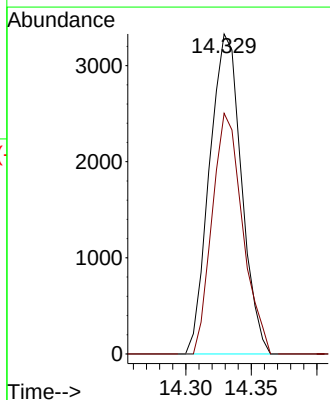
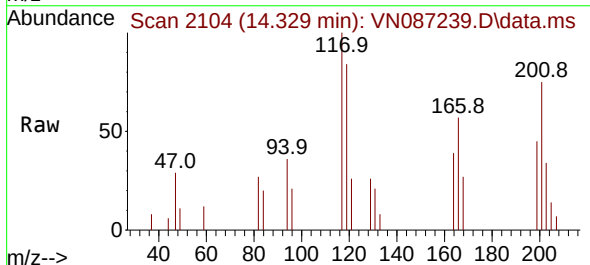
Manual Integrations
APPROVED

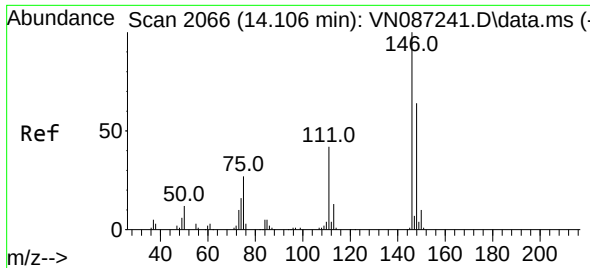
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#90
Hexachloroethane
Concen: 5.191 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion:117 Resp: 5632
Ion Ratio Lower Upper
117 100
201 71.9 35.8 107.4





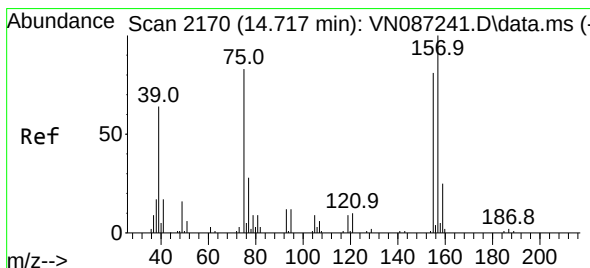
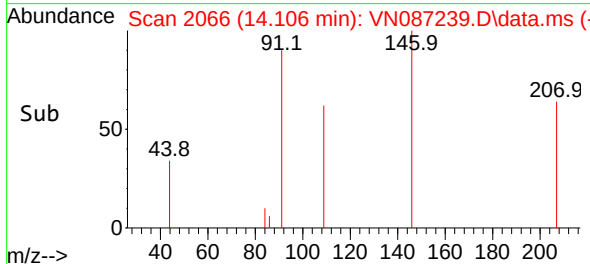
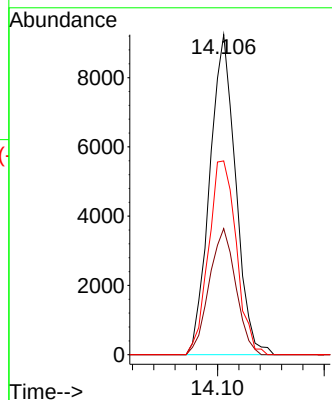
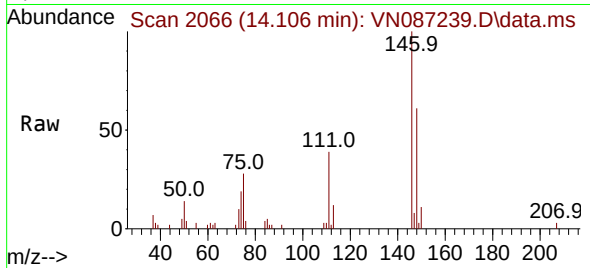
#91
1,2-Dichlorobenzene
Concen: 4.889 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 15614
Ion Ratio Lower Upper
146 100
111 40.3 20.5 61.6
148 64.8 31.4 94.3

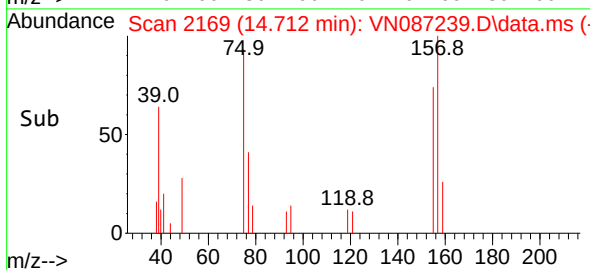
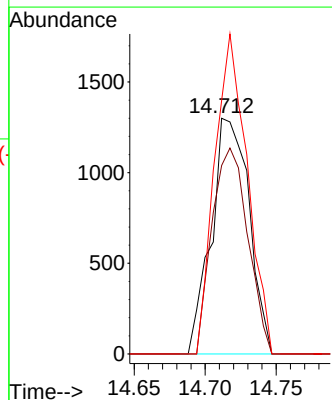
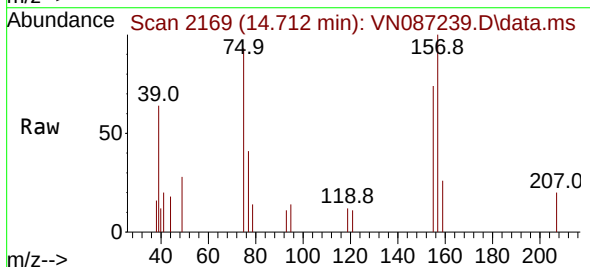
Manual Integrations
APPROVED

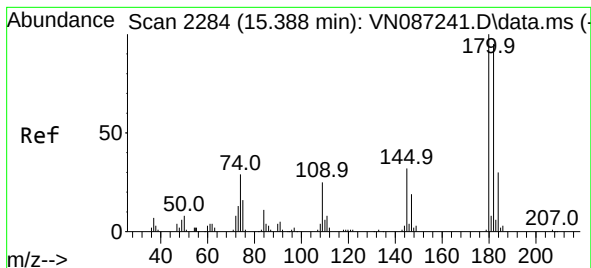
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.631 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

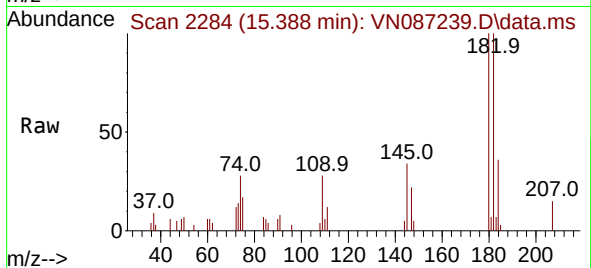
Tgt Ion: 75 Resp: 2405
Ion Ratio Lower Upper
75 100
155 82.7 46.8 140.3
157 117.0 58.1 174.4





#93
1,2,4-Trichlorobenzene
Concen: 4.805 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

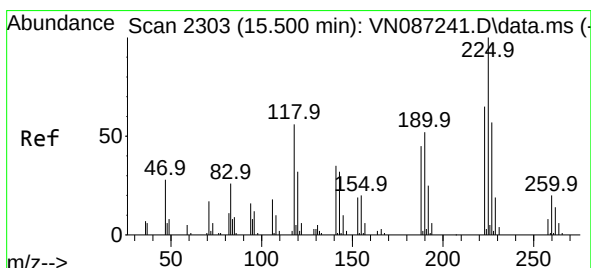
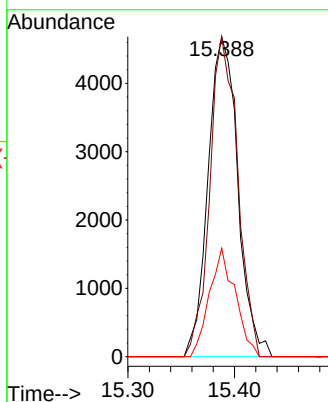
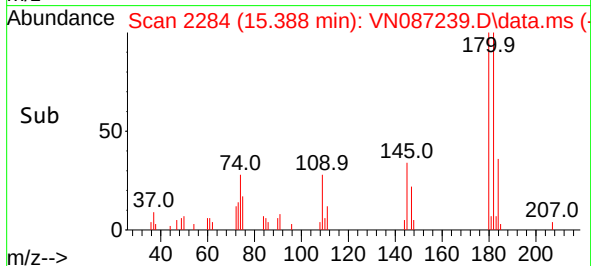
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



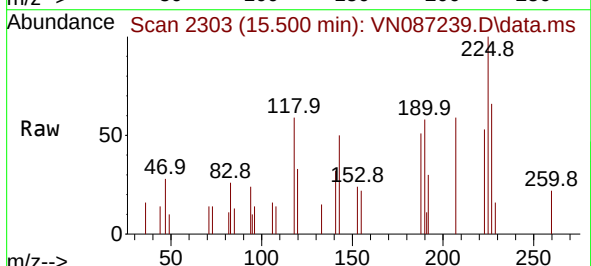
Tgt Ion:180 Resp: 9070
Ion Ratio Lower Upper
180 100
182 93.8 48.0 144.0
145 29.4 15.4 46.2

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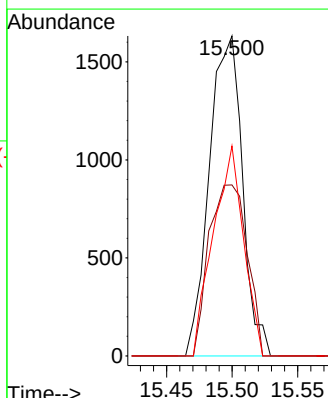
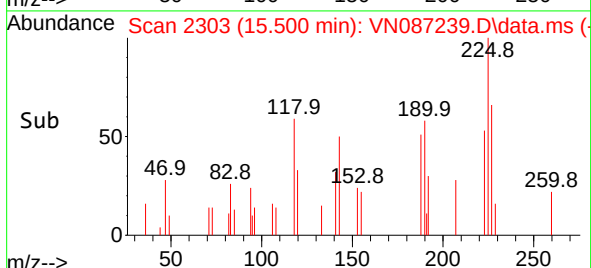
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

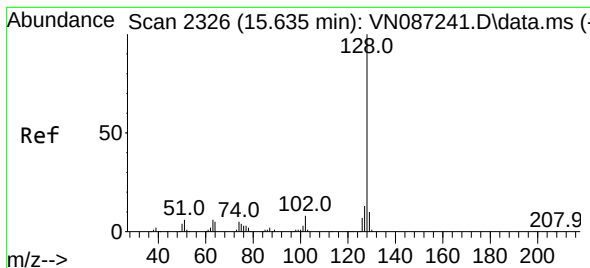


#94
Hexachlorobutadiene
Concen: 4.770 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26



Tgt Ion:225 Resp: 2862
Ion Ratio Lower Upper
225 100
223 61.8 33.5 100.4
227 60.1 30.9 92.7





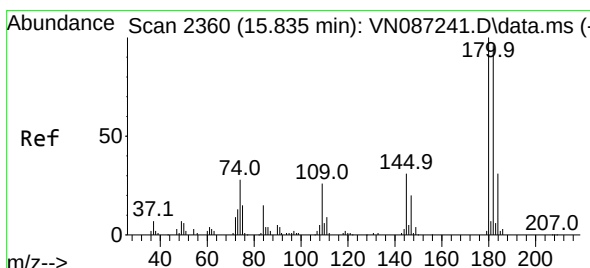
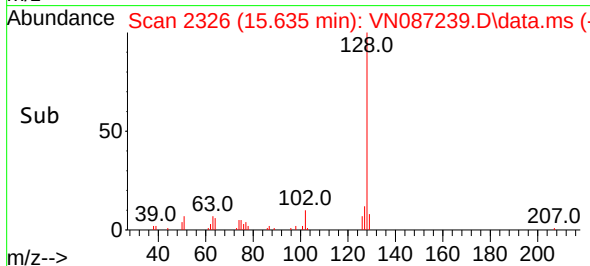
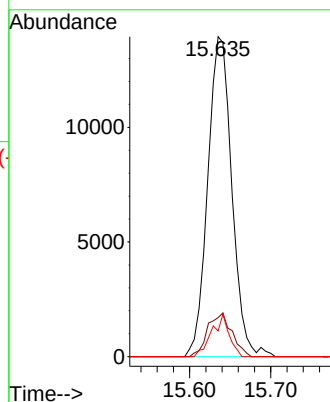
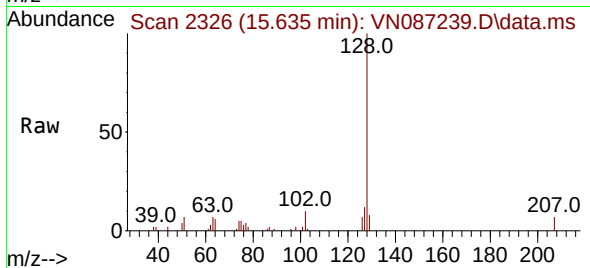
#95
Naphthalene
Concen: 4.407 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 2879
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 9.5 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.646 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion:180 Resp: 8548
Ion Ratio Lower Upper
180 100
182 93.1 47.7 143.1
145 34.1 15.7 47.1

