

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070825\
 Data File : VN087299.D
 Acq On : 08 Jul 2025 15:15
 Operator : JC\MD
 Sample : VN0708MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/09/2025
 Supervised By : Mahesh Dadoda 07/09/2025

Quant Time: Jul 09 01:32:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	227668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	369006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	353486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	196193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	150077	52.523	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.040%			
35) Dibromofluoromethane	8.177	113	124645	52.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.500%			
50) Toluene-d8	10.565	98	470560	51.094	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.180%			
62) 4-Bromofluorobenzene	12.847	95	169326	51.673	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	42762	19.300	ug/l	94
3) Chloromethane	2.395	50	35069	19.493	ug/l	92
4) Vinyl Chloride	2.553	62	44598	20.163	ug/l	98
5) Bromomethane	2.995	94	40978	20.302	ug/l	97
6) Chloroethane	3.159	64	36162	20.640	ug/l	97
7) Trichlorofluoromethane	3.530	101	75353	19.633	ug/l	98
8) Diethyl Ether	3.989	74	25794	21.059	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.406	101	44671	20.047	ug/l	98
10) Methyl Iodide	4.618	142	50080	22.649	ug/l	96
11) Tert butyl alcohol	5.536	59	54368	104.403	ug/l	99
12) 1,1-Dichloroethene	4.365	96	39843	18.821	ug/l	98
13) Acrolein	4.200	56	29853	82.769	ug/l	99
14) Allyl chloride	5.053	41	45439	17.514	ug/l	95
15) Acrylonitrile	5.741	53	126864	97.855	ug/l	99
16) Acetone	4.447	43	115529	105.756	ug/l	98
17) Carbon Disulfide	4.736	76	111836	17.608	ug/l	96
18) Methyl Acetate	5.047	43	52475	20.983	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	145914	19.667	ug/l	94
20) Methylene Chloride	5.306	84	50498	20.867	ug/l	91
21) trans-1,2-Dichloroethene	5.806	96	47023	18.382	ug/l	98
22) Diisopropyl ether	6.683	45	118517	19.079	ug/l	95
23) Vinyl Acetate	6.618	43	542004	94.345	ug/l	98
24) 1,1-Dichloroethane	6.583	63	78795	19.360	ug/l	98
25) 2-Butanone	7.494	43	176953	103.652	ug/l	94
26) 2,2-Dichloropropane	7.500	77	73518	18.877	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	55674	18.846	ug/l	98
28) Bromochloromethane	7.824	49	37576	20.917	ug/l	94
29) Tetrahydrofuran	7.847	42	111649	101.490	ug/l	99
30) Chloroform	7.971	83	91862	20.363	ug/l	95
31) Cyclohexane	8.265	56	66954	17.206	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	81116	19.308	ug/l	95
36) 1,1-Dichloropropene	8.377	75	58721	18.275	ug/l	99
37) Ethyl Acetate	7.565	43	66794	19.338	ug/l	98
38) Carbon Tetrachloride	8.371	117	73027	20.058	ug/l	93
39) Methylcyclohexane	9.606	83	68134	17.806	ug/l	98
40) Benzene	8.612	78	188444	18.931	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	33028	19.999	ug/l	96
42) 1,2-Dichloroethane	8.677	62	68239	20.613	ug/l	99
43) Isopropyl Acetate	8.694	43	102864	19.203	ug/l	98
44) Trichloroethene	9.359	130	51318	19.401	ug/l	91
45) 1,2-Dichloropropane	9.618	63	43087	19.852	ug/l	100
46) Dibromomethane	9.712	93	38590	20.900	ug/l	99
47) Bromodichloromethane	9.888	83	73959	21.003	ug/l	99
48) Methyl methacrylate	9.682	41	43733	19.371	ug/l	98
49) 1,4-Dioxane	9.700	88	19906	432.976	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	335141	102.258	ug/l	97
52) Toluene	10.629	92	127122	19.472	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	74615	19.755	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	76581	19.900	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	53590	21.730	ug/l	97
56) Ethyl methacrylate	10.882	69	63562	17.592	ug/l	99
57) 1,3-Dichloropropane	11.165	76	80169	19.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	164088	85.928	ug/l	99
59) 2-Hexanone	11.206	43	192157	81.852	ug/l	100
60) Dibromochloromethane	11.359	129	61293	21.083	ug/l	99
61) 1,2-Dibromoethane	11.470	107	55167	20.796	ug/l	100
64) Tetrachloroethene	11.100	164	45697	19.389	ug/l	98
65) Chlorobenzene	11.888	112	155210	19.568	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	55293	20.189	ug/l	98
67) Ethyl Benzene	11.965	91	231975	18.074	ug/l	98
68) m/p-Xylenes	12.070	106	194964	38.020	ug/l	96
69) o-Xylene	12.394	106	91580	19.092	ug/l	95
70) Styrene	12.412	104	154409	18.941	ug/l	98
71) Bromoform	12.576	173	45627	21.594	ug/l #	95
73) Isopropylbenzene	12.694	105	231831	18.339	ug/l	99
74) N-amyl acetate	12.535	43	73250m	17.620	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	81246	19.539	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	71125m	19.059	ug/l	
77) Bromobenzene	12.976	156	64761	19.625	ug/l	97
78) n-propylbenzene	13.035	91	276583	18.113	ug/l	99
79) 2-Chlorotoluene	13.123	91	165570	18.219	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	198043	18.742	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	28705	18.068	ug/l	95
82) 4-Chlorotoluene	13.217	91	174617	18.355	ug/l	100
83) tert-Butylbenzene	13.435	119	167797	18.125	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	198240	18.729	ug/l	98
85) sec-Butylbenzene	13.612	105	240642	18.338	ug/l	99
86) p-Isopropyltoluene	13.729	119	210445	18.657	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	127421	19.389	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	130221	18.977	ug/l	99
89) n-Butylbenzene	14.053	91	180665	18.192	ug/l	98
90) Hexachloroethane	14.329	117	39113	18.734	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	123768	20.138	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	19017	19.031	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	66934	18.416	ug/l	98
94) Hexachlorobutadiene	15.500	225	21345	18.488	ug/l	97
95) Naphthalene	15.635	128	233573	18.575	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	67383	19.030	ug/l	98

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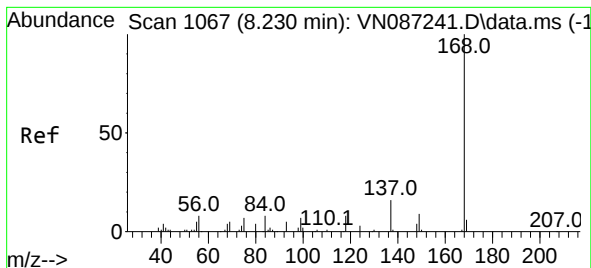
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/09/2025

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Response via : Initial Calibration

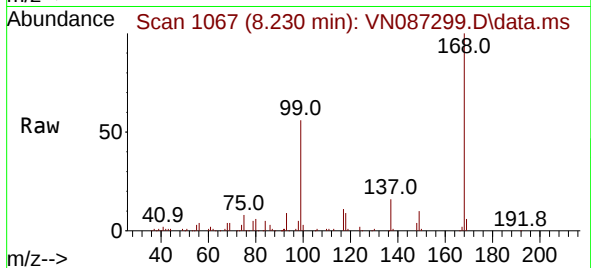
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

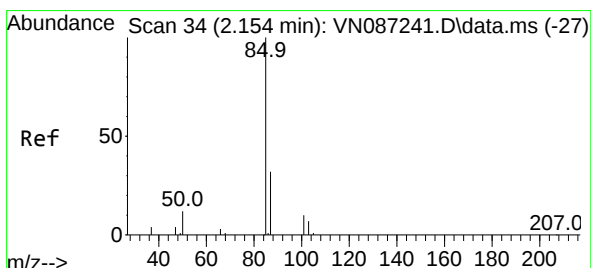
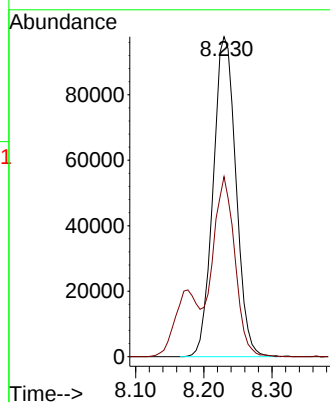
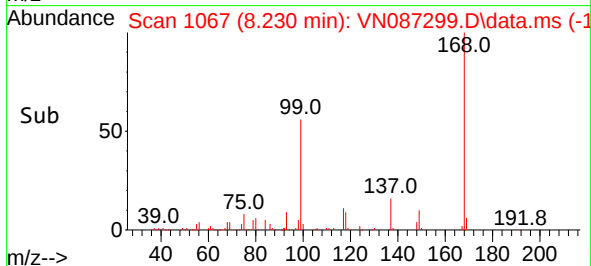
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



Tgt Ion:168 Resp: 227668
Ion Ratio Lower Upper
168 100
99 56.1 42.6 64.0

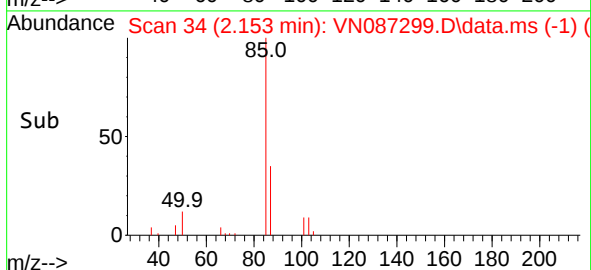
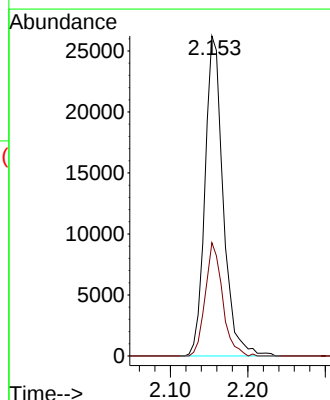
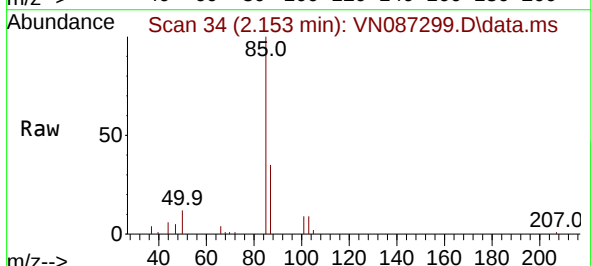
Manual Integrations
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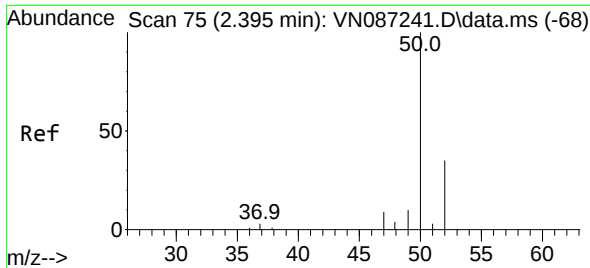
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#2
Dichlorodifluoromethane
Concen: 19.300 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

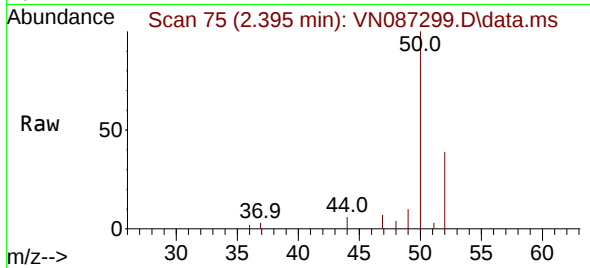
Tgt Ion: 85 Resp: 42762
Ion Ratio Lower Upper
85 100
87 35.4 16.1 48.3





#3
Chloromethane
Concen: 19.493 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

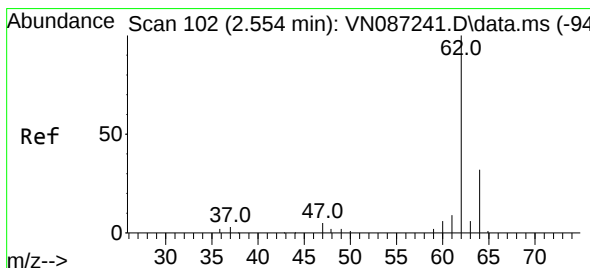
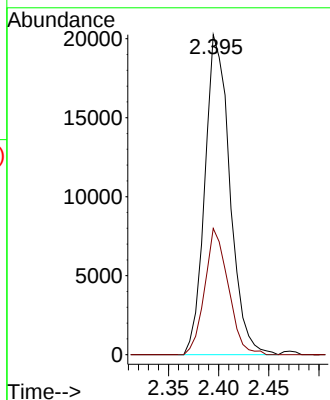
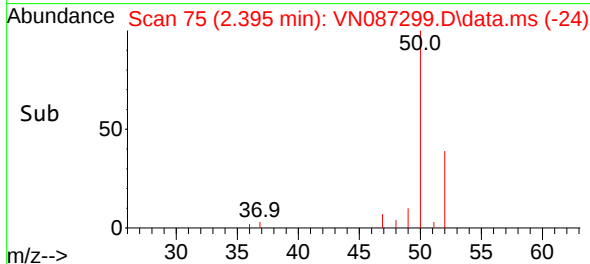
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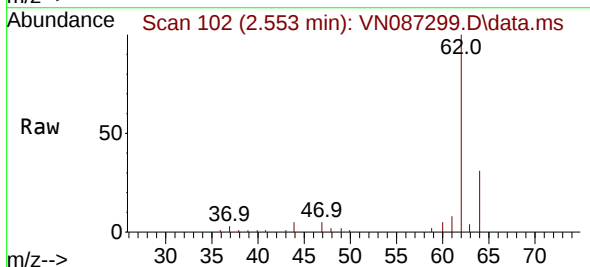
Tgt Ion: 50 Resp: 35069
Ion Ratio Lower Upper
50 100
52 39.4 27.8 41.8

Manual Integrations
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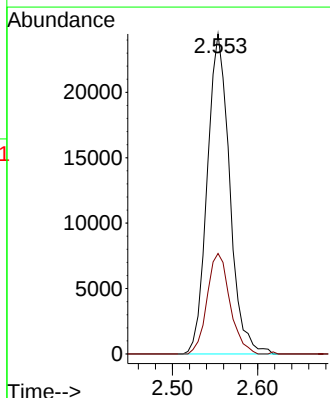
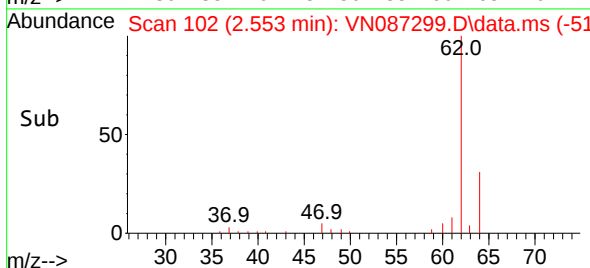
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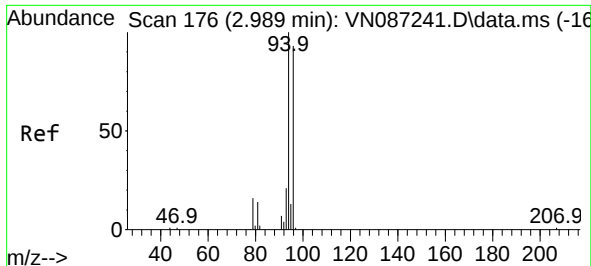


#4
Vinyl Chloride
Concen: 20.163 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15



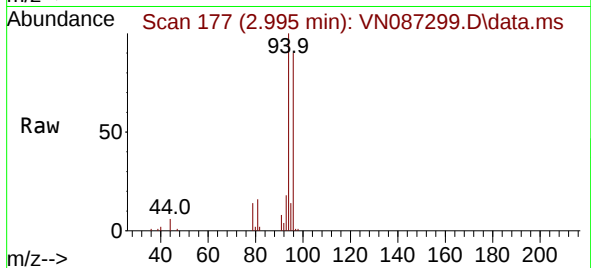
Tgt Ion: 62 Resp: 44598
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0





#5
Bromomethane
Concen: 20.302 ug/l
RT: 2.995 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

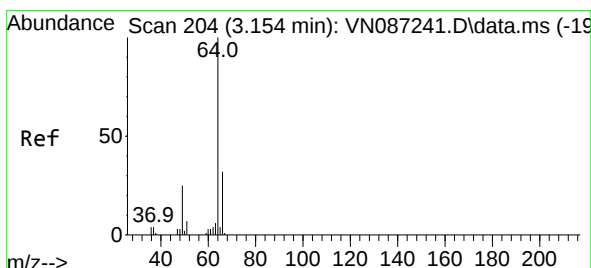
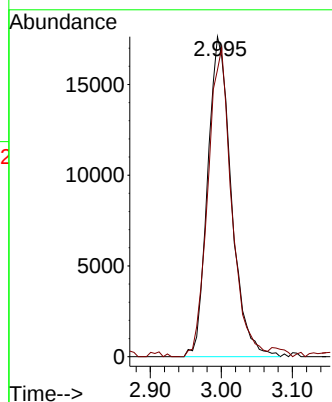
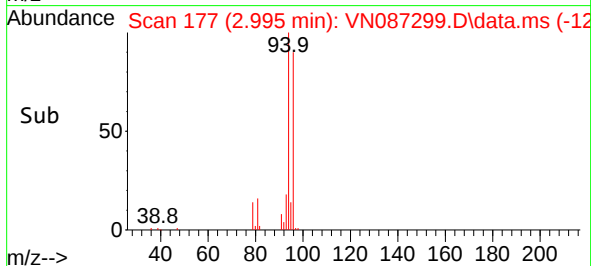
Instrument :
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Tgt Ion: 94 Resp: 40978
Ion Ratio Lower Upper
94 100
96 89.7 74.3 111.5

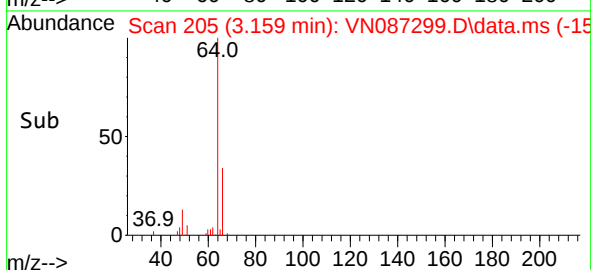
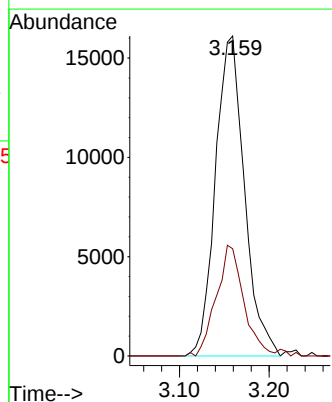
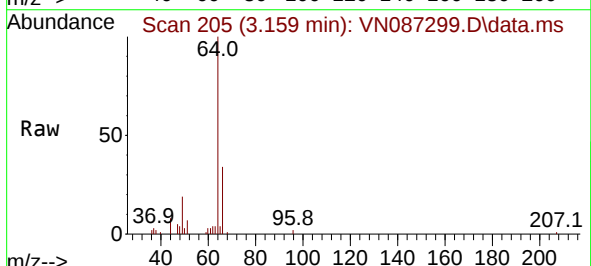
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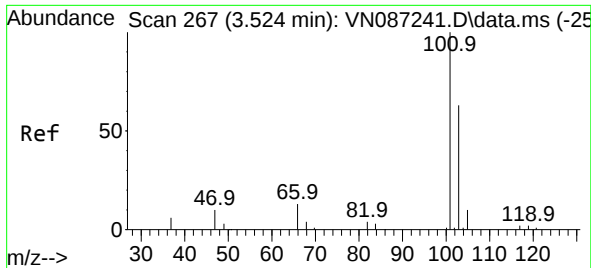
Reviewed By :John Carlone 07/09/2025
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#6
Chloroethane
Concen: 20.640 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

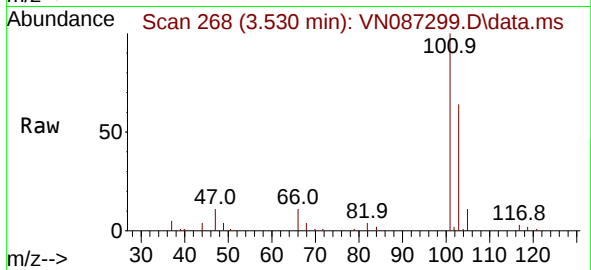
Tgt Ion: 64 Resp: 36162
Ion Ratio Lower Upper
64 100
66 33.5 25.3 37.9





#7
 Trichlorofluoromethane
 Concen: 19.633 ug/l
 RT: 3.530 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087299.D
 Acq: 08 Jul 2025 15:15

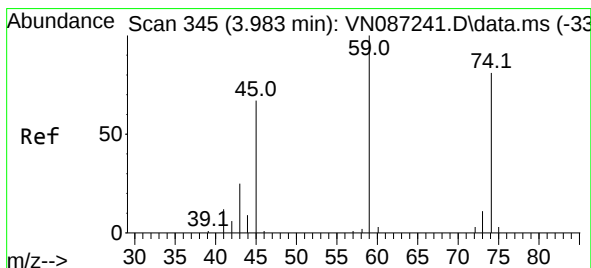
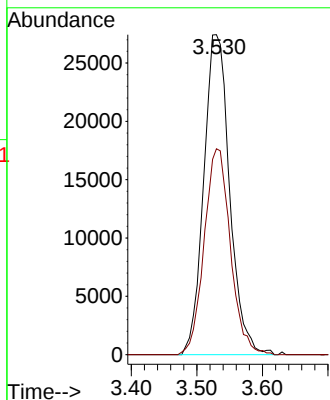
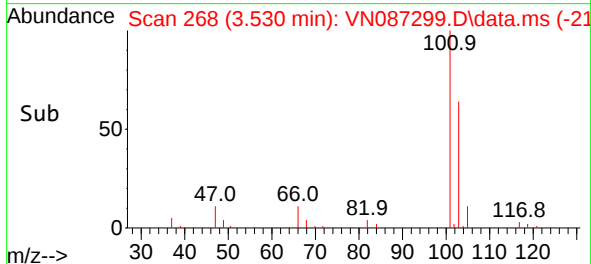
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708MBSD01



Tgt Ion:101 Resp: 7535
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.5 75.7

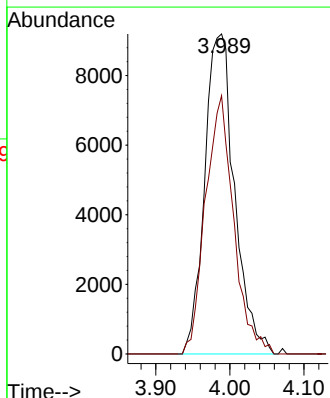
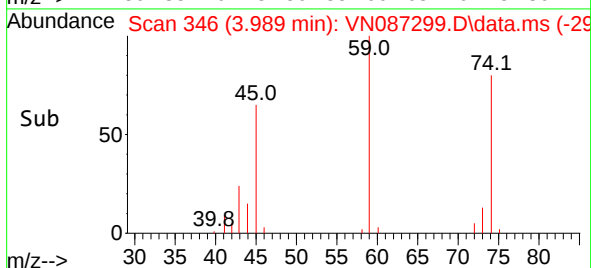
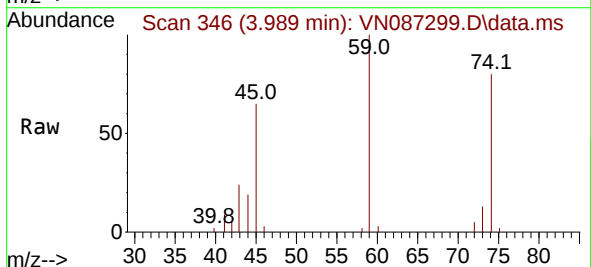
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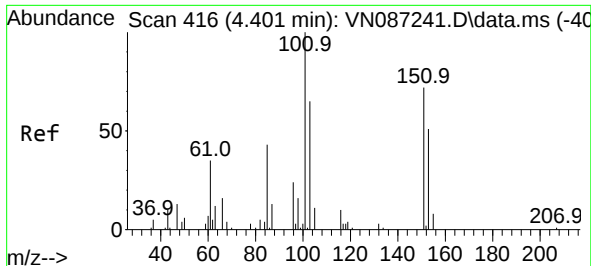
Reviewed By :John Carlone 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025



#8
 Diethyl Ether
 Concen: 21.059 ug/l
 RT: 3.989 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN087299.D
 Acq: 08 Jul 2025 15:15

Tgt Ion: 74 Resp: 25794
 Ion Ratio Lower Upper
 74 100
 45 76.2 39.4 118.1





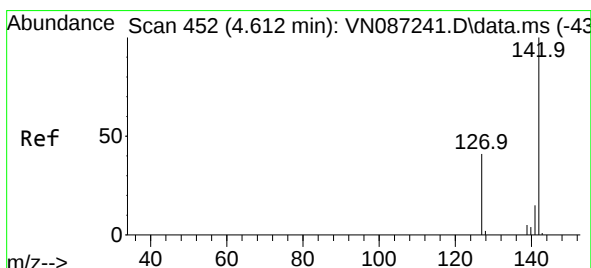
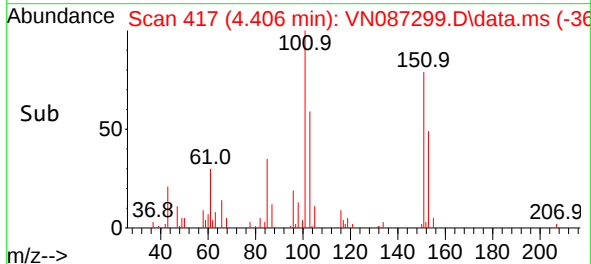
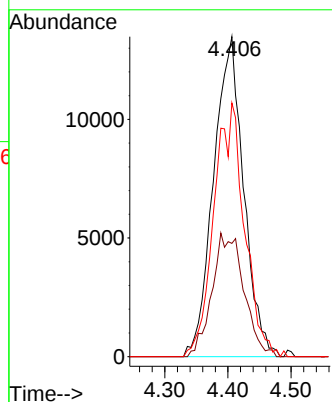
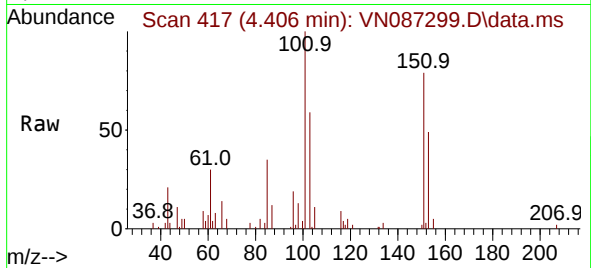
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.047 ug/l
RT: 4.406 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01

Tgt Ion:101 Resp: 4467
Ion Ratio Lower Upper
101 100
85 40.7 34.4 51.6
151 80.7 63.8 95.8

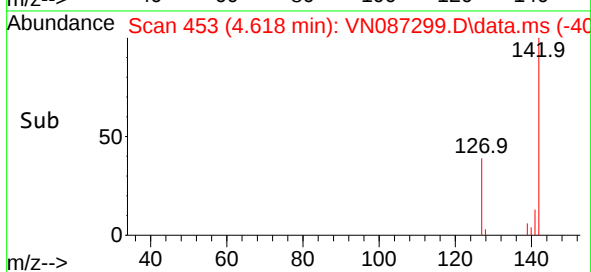
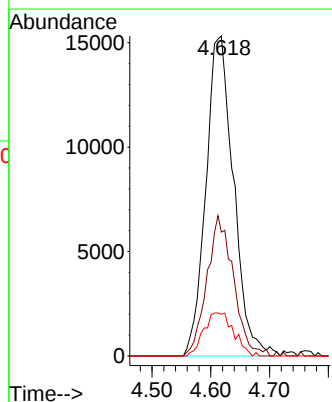
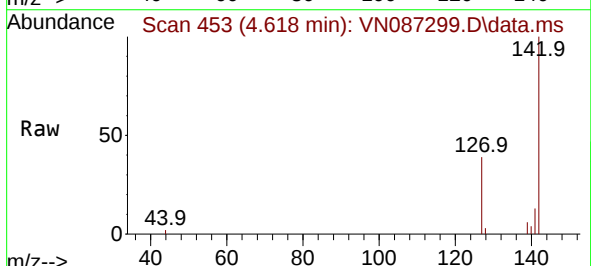
Manual Integrations
APPROVED

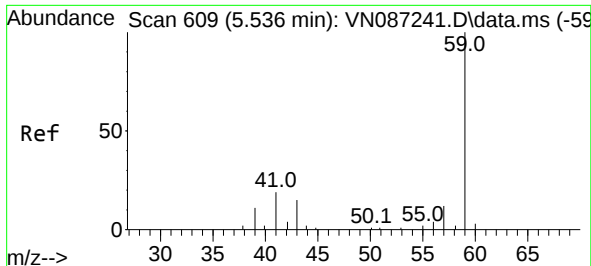
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#10
Methyl Iodide
Concen: 22.649 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

Tgt Ion:142 Resp: 50080
Ion Ratio Lower Upper
142 100
127 38.7 32.8 49.2
141 13.0 11.6 17.4





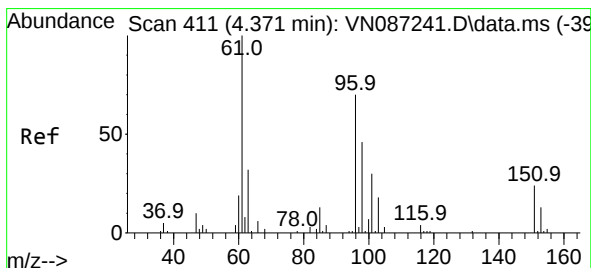
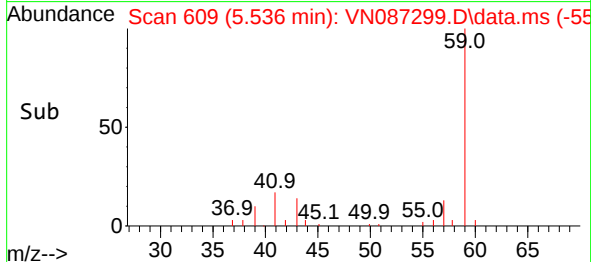
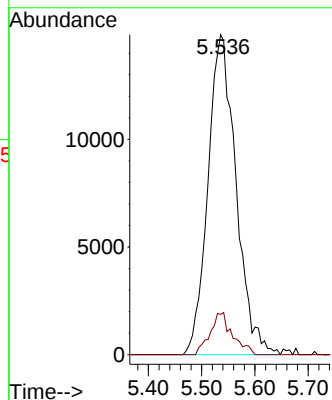
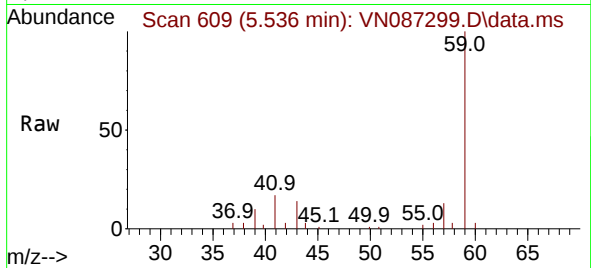
#11
Tert butyl alcohol
Concen: 104.403 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBSD01

Tgt Ion: 59 Resp: 5436
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

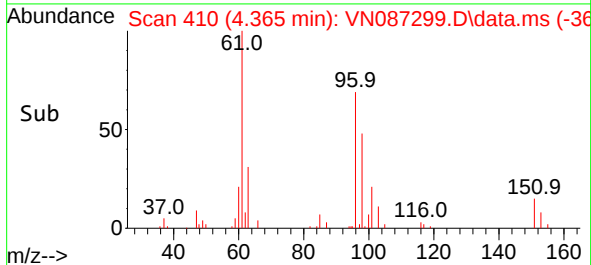
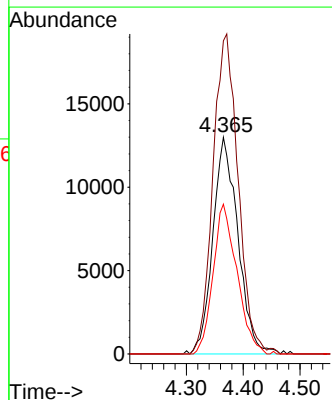
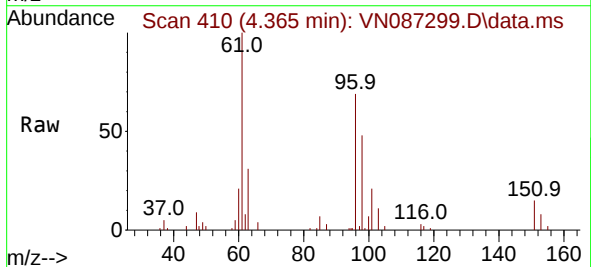
Manual Integrations
APPROVED

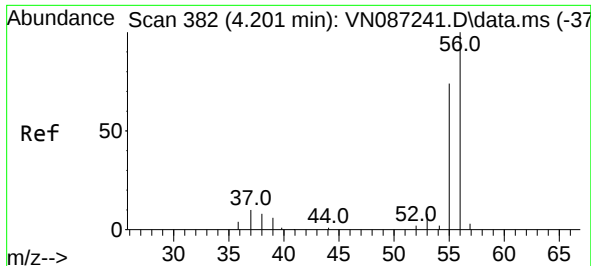
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#12
1,1-Dichloroethene
Concen: 18.821 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

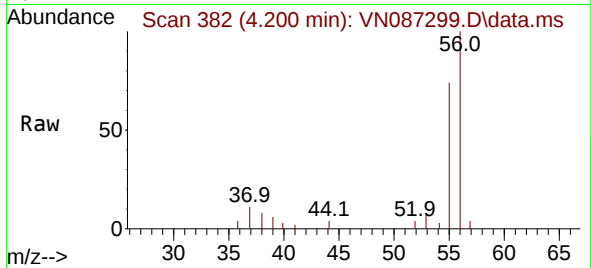
Tgt Ion: 96 Resp: 39843
Ion Ratio Lower Upper
96 100
61 144.5 114.4 171.6
98 69.1 53.0 79.6





#13
Acrolein
Concen: 82.769 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

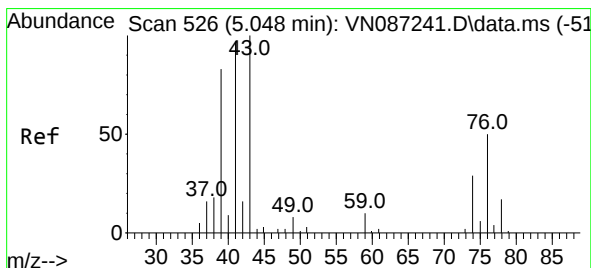
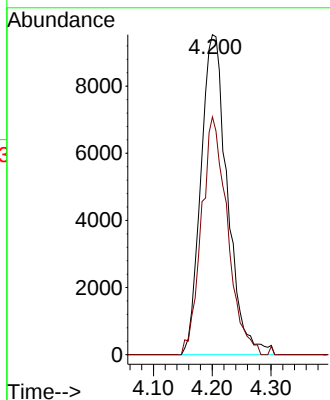
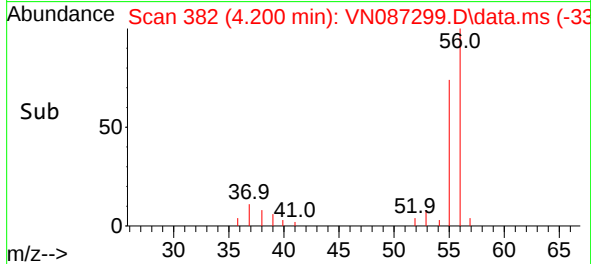
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBSD01



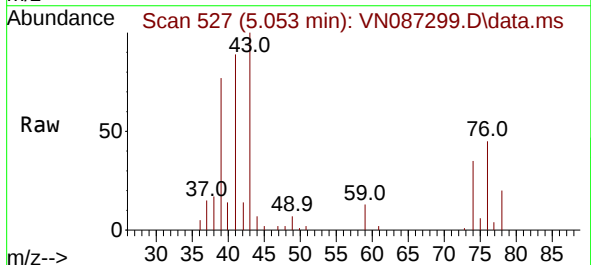
Tgt Ion: 56 Resp: 2985
Ion Ratio Lower Upper
56 100
55 72.8 58.6 88.0

Manual Integrations
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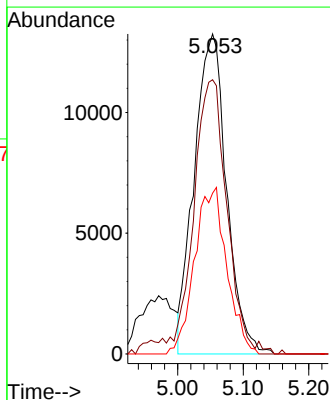
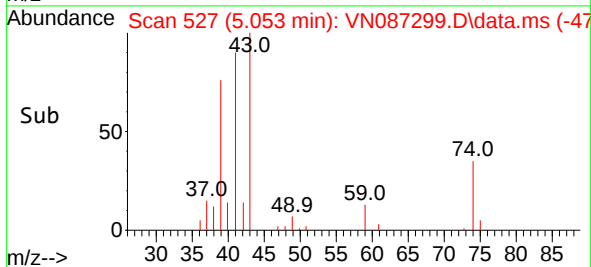
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

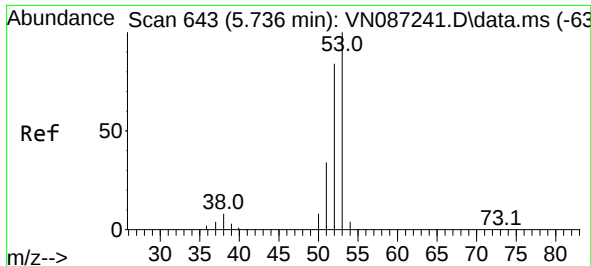


#14
Allyl chloride
Concen: 17.514 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15



Tgt Ion: 41 Resp: 45439
Ion Ratio Lower Upper
41 100
39 87.8 66.3 99.5
76 51.8 38.6 58.0





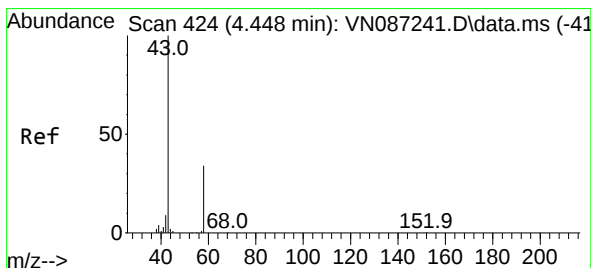
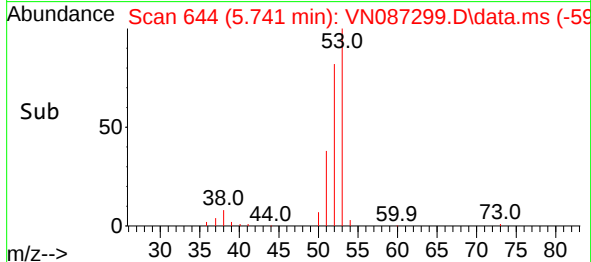
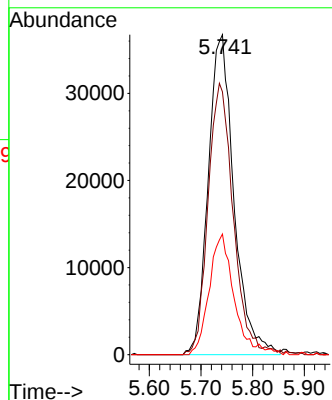
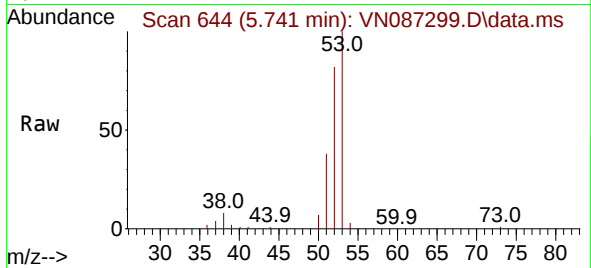
#15
Acrylonitrile
Concen: 97.855 ug/l
RT: 5.741 min Scan# 643
Delta R.T. 0.006 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01

Tgt Ion: 53 Resp: 126864
Ion Ratio Lower Upper
53 100
52 82.2 66.5 99.7
51 36.7 29.1 43.7

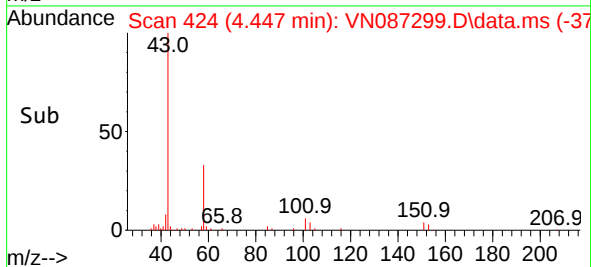
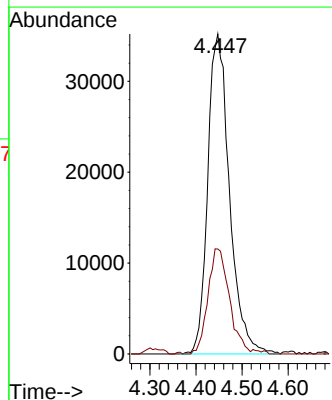
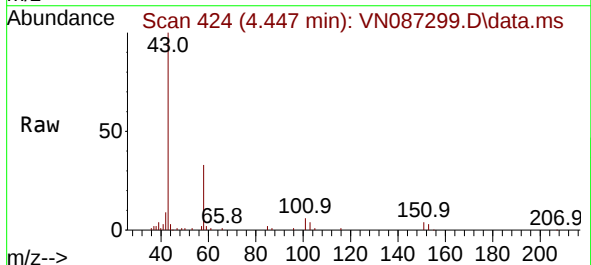
Manual Integrations
APPROVED

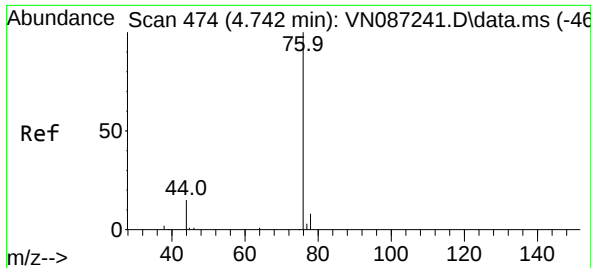
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#16
Acetone
Concen: 105.756 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

Tgt Ion: 43 Resp: 115529
Ion Ratio Lower Upper
43 100
58 32.8 27.1 40.7





#17

Carbon Disulfide

Concen: 17.608 ug/l

RT: 4.736 min Scan# 473

Delta R.T. -0.006 min

Lab File: VN087299.D

Acq: 08 Jul 2025 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0708MBS01

Tgt Ion: 76 Resp: 111836

Ion Ratio Lower Upper

76 100

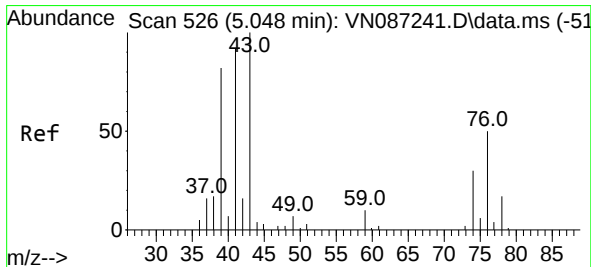
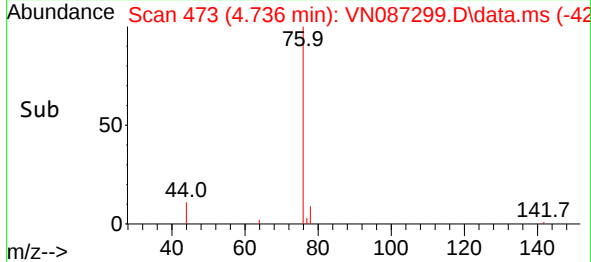
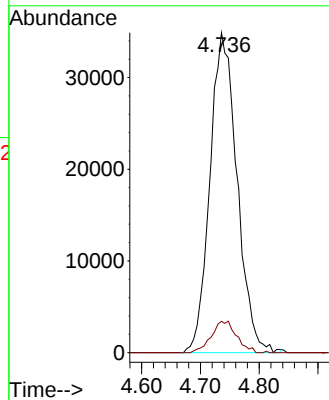
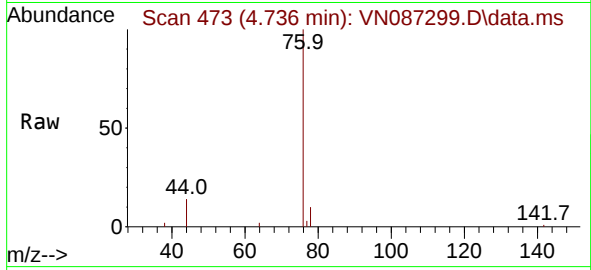
78 9.8 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#18

Methyl Acetate

Concen: 20.983 ug/l

RT: 5.047 min Scan# 526

Delta R.T. -0.000 min

Lab File: VN087299.D

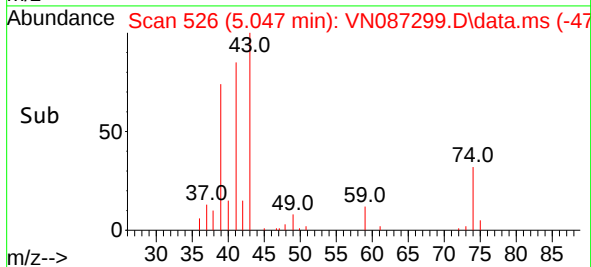
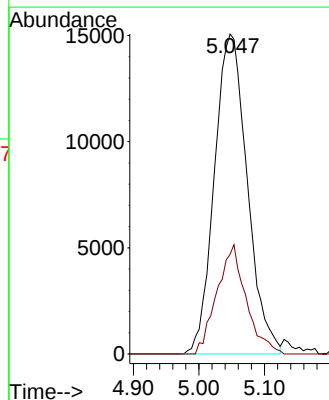
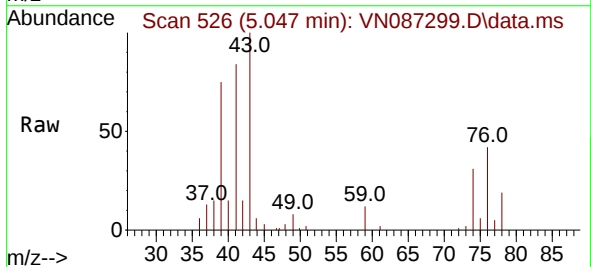
Acq: 08 Jul 2025 15:15

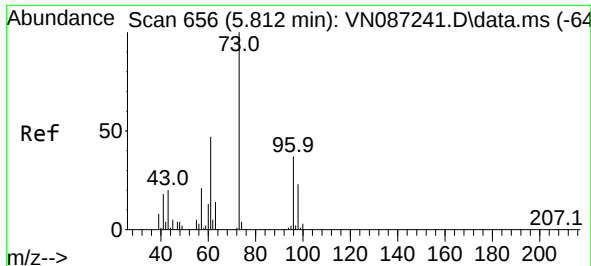
Tgt Ion: 43 Resp: 52475

Ion Ratio Lower Upper

43 100

74 30.3 23.8 35.6





#19

Methyl tert-butyl Ether

Concen: 19.667 ug/l

RT: 5.818 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN087299.D

Acq: 08 Jul 2025 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0708MBS01

Tgt Ion: 73 Resp: 145914

Ion Ratio Lower Upper

73 100

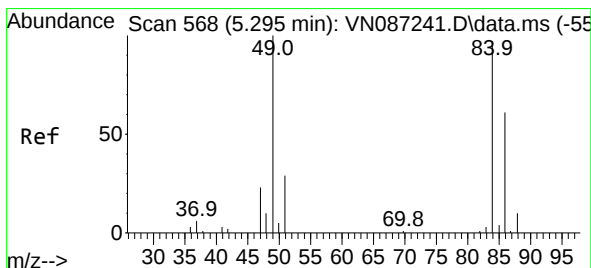
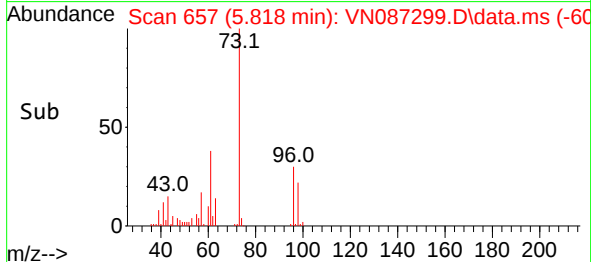
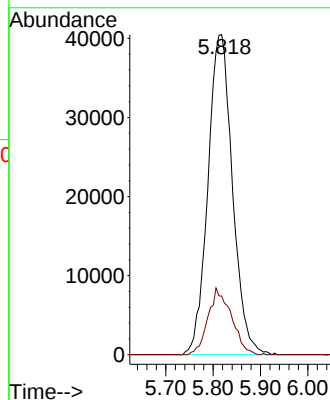
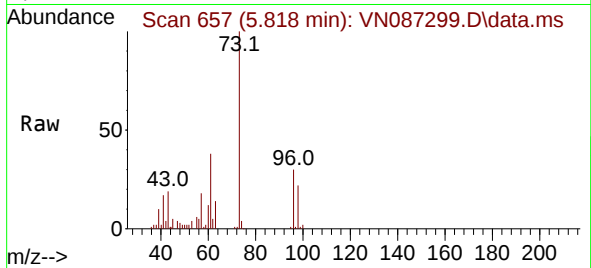
57 18.3 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#20

Methylene Chloride

Concen: 20.867 ug/l

RT: 5.306 min Scan# 570

Delta R.T. 0.012 min

Lab File: VN087299.D

Acq: 08 Jul 2025 15:15

Tgt Ion: 84 Resp: 50498

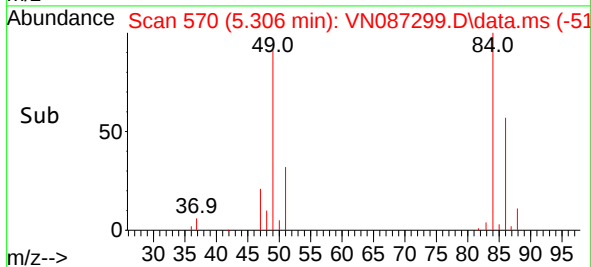
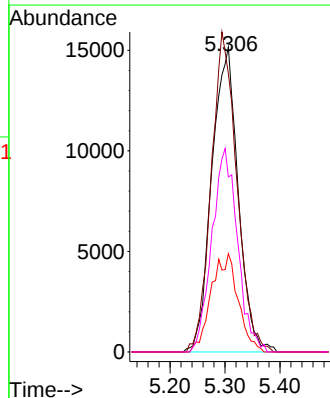
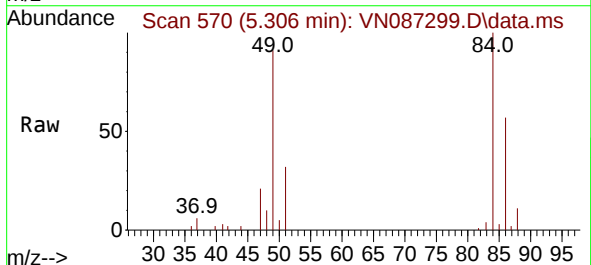
Ion Ratio Lower Upper

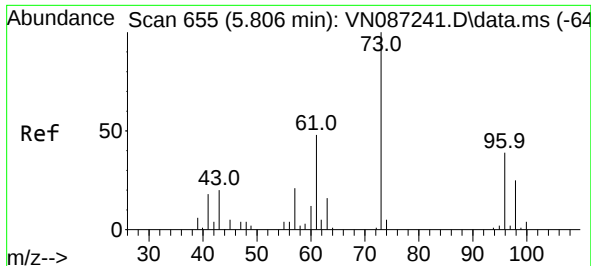
84 100

49 91.3 82.1 123.1

51 32.2 23.5 35.3

86 57.4 49.7 74.5





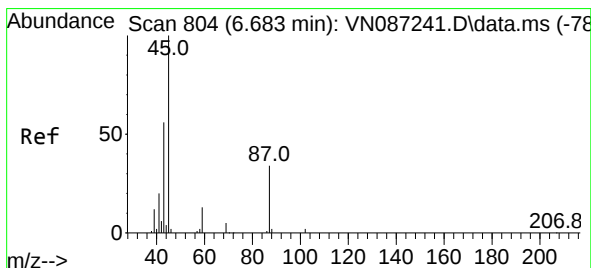
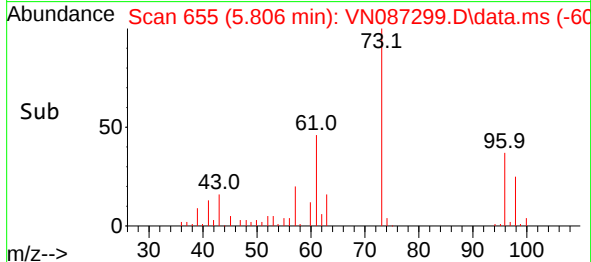
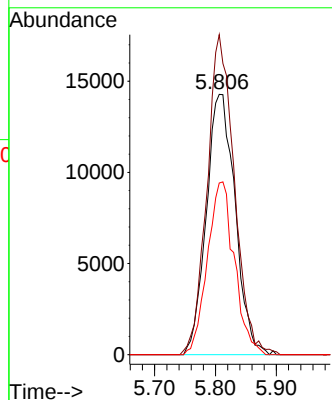
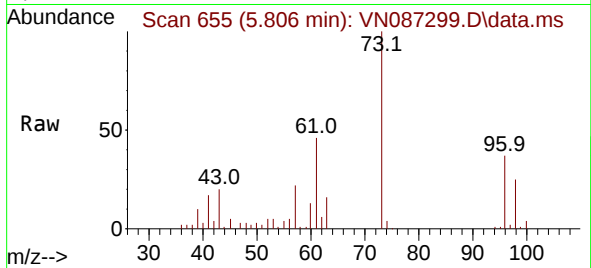
#21
trans-1,2-Dichloroethene
Concen: 18.382 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBSD01

Tgt Ion: 96 Resp: 47023
Ion Ratio Lower Upper
96 100
61 122.9 98.2 147.2
98 66.0 50.0 75.0

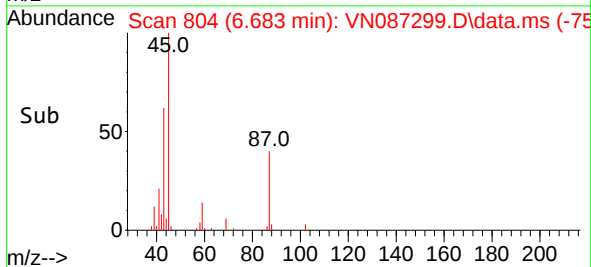
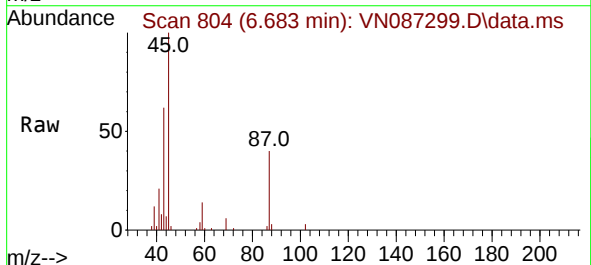
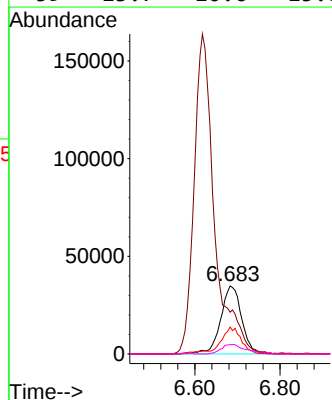
Manual Integrations
APPROVED

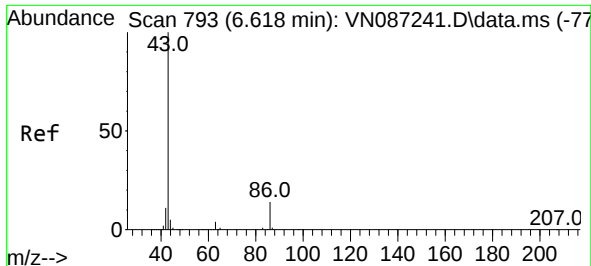
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#22
Diisopropyl ether
Concen: 19.079 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

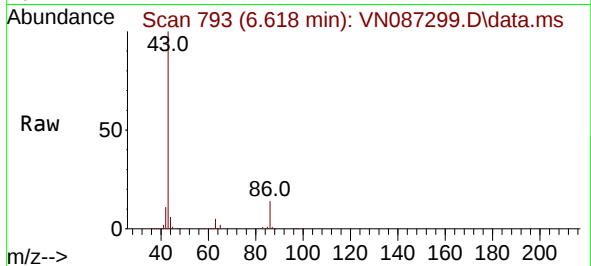
Tgt Ion: 45 Resp: 118517
Ion Ratio Lower Upper
45 100
43 60.1 50.1 75.1
87 39.7 27.5 41.3
59 13.7 10.6 15.8





#23
 Vinyl Acetate
 Concen: 94.345 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087299.D
 Acq: 08 Jul 2025 15:15

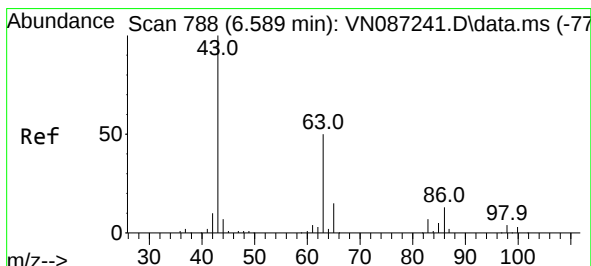
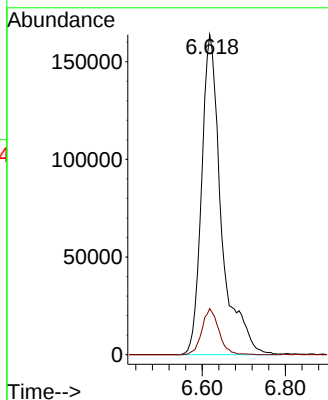
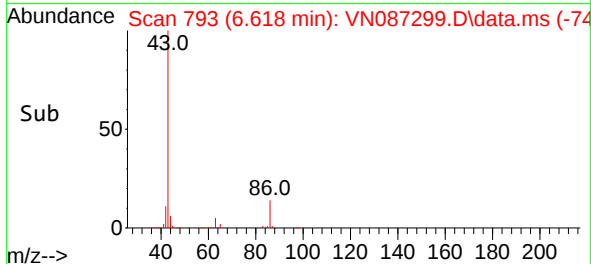
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708MBS01



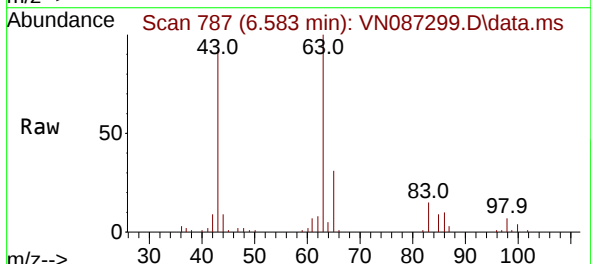
Tgt Ion: 43 Resp: 542004
 Ion Ratio Lower Upper
 43 100
 86 14.4 11.0 16.4

Manual Integrations
 APPROVED

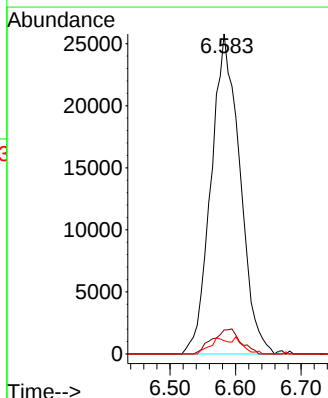
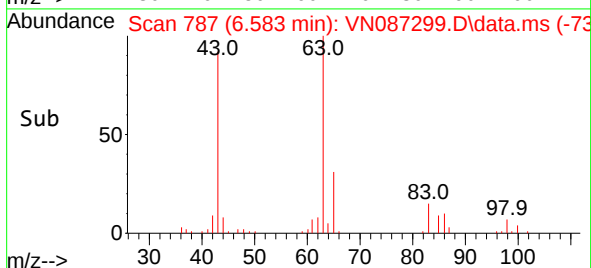
Reviewed By :John Carlone 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025

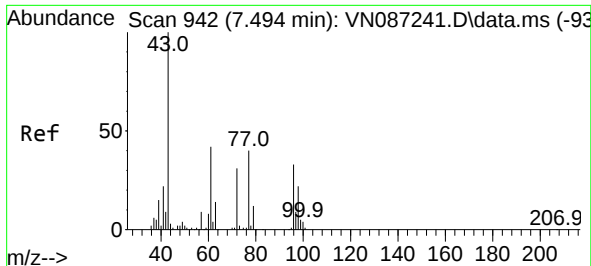


#24
 1,1-Dichloroethane
 Concen: 19.360 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.006 min
 Lab File: VN087299.D
 Acq: 08 Jul 2025 15:15



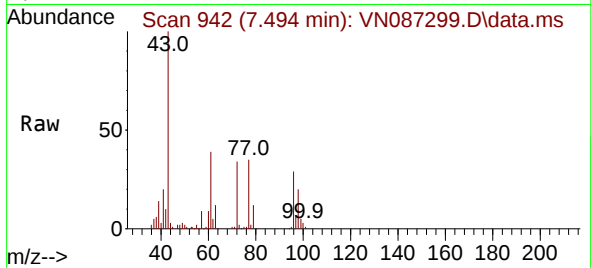
Tgt Ion: 63 Resp: 78795
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 4.1 2.7 8.1





#25
2-Butanone
Concen: 103.652 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

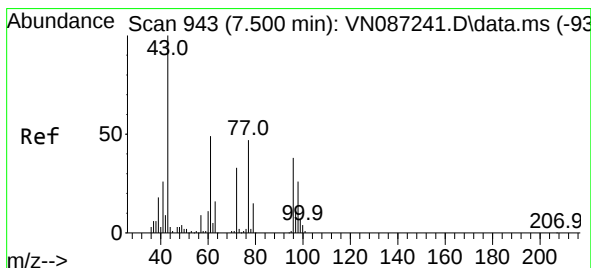
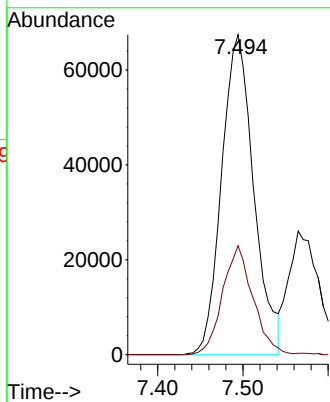
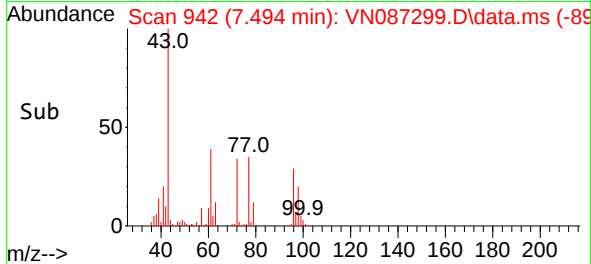
Instrument :
MSVOA_N
Client Sample Id :
VN0708MBS01



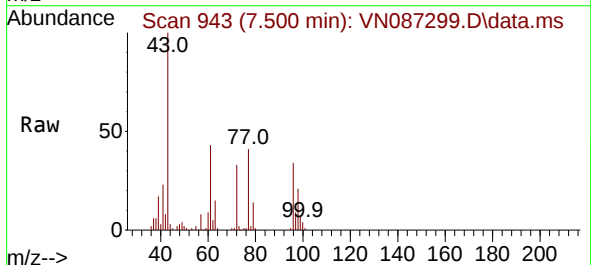
Tgt Ion: 43 Resp: 17695
Ion Ratio Lower Upper
43 100
72 34.1 24.8 37.2

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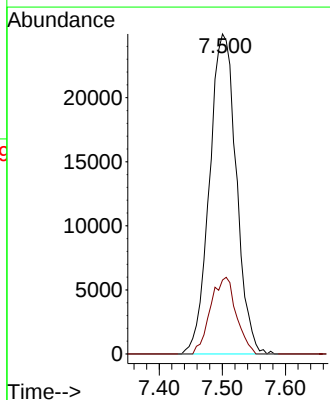
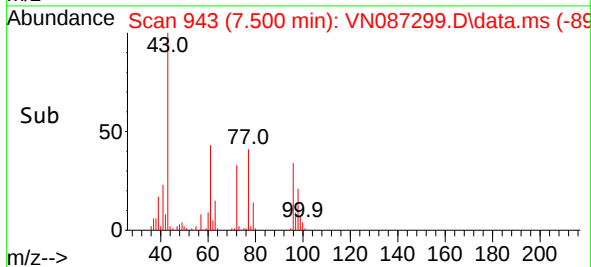
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

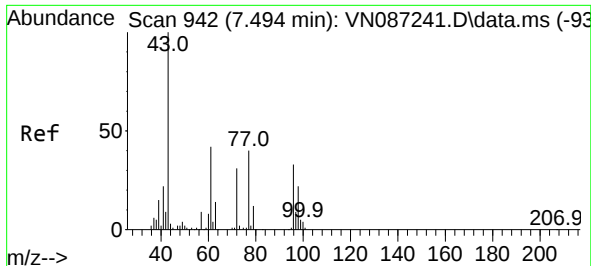


#26
2,2-Dichloropropane
Concen: 18.877 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15



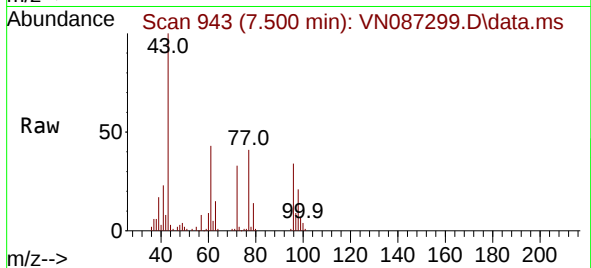
Tgt Ion: 77 Resp: 73518
Ion Ratio Lower Upper
77 100
97 23.0 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 18.846 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN087299.D
 Acq: 08 Jul 2025 15:15

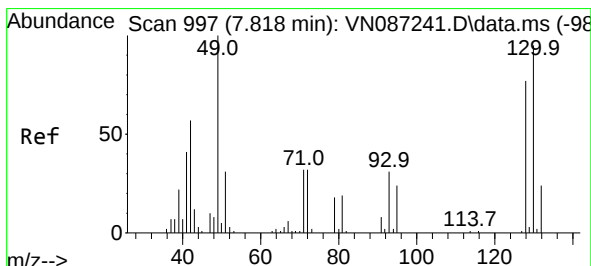
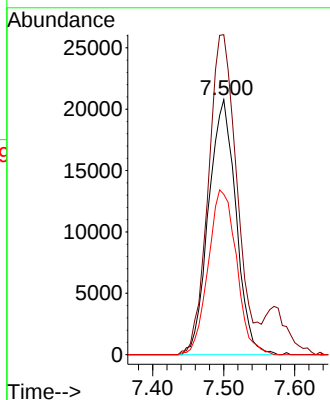
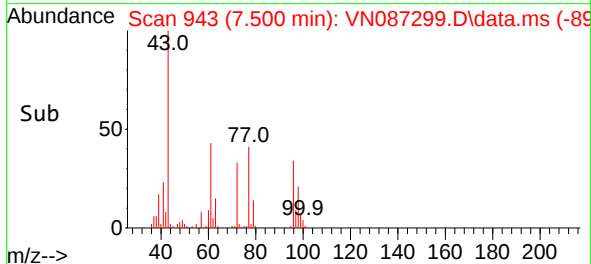
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708MBS01



Tgt Ion: 96 Resp: 55674
 Ion Ratio Lower Upper
 96 100
 61 131.4 0.0 258.8
 98 66.7 0.0 130.8

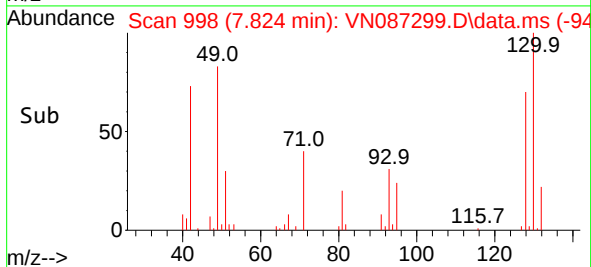
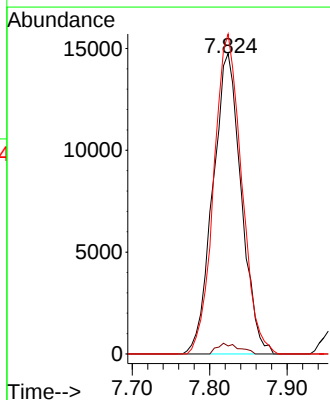
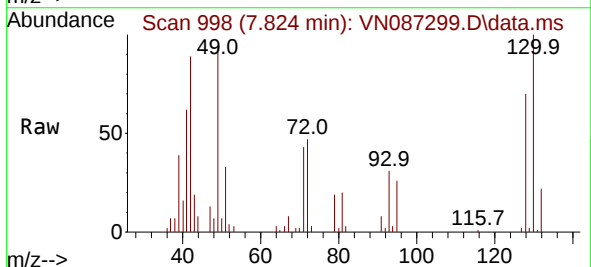
Manual Integrations
 APPROVED

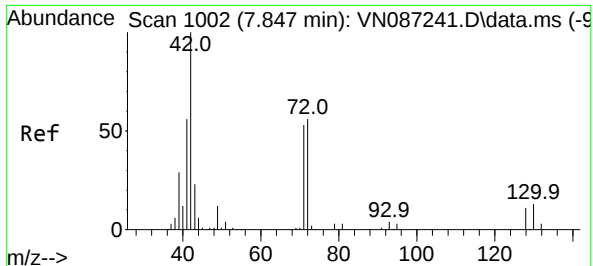
Reviewed By :John Carlone 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025



#28
 Bromochloromethane
 Concen: 20.917 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN087299.D
 Acq: 08 Jul 2025 15:15

Tgt Ion: 49 Resp: 37576
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.8
 130 104.4 78.4 117.6





#29

Tetrahydrofuran

Concen: 101.490 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN087299.D

Acq: 08 Jul 2025 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0708MBS01

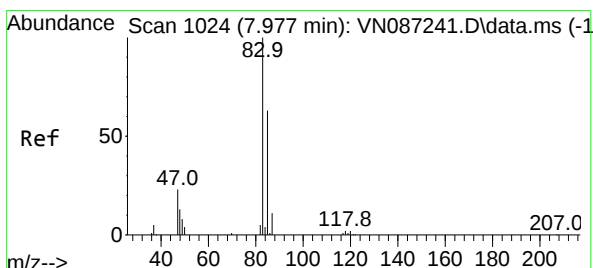
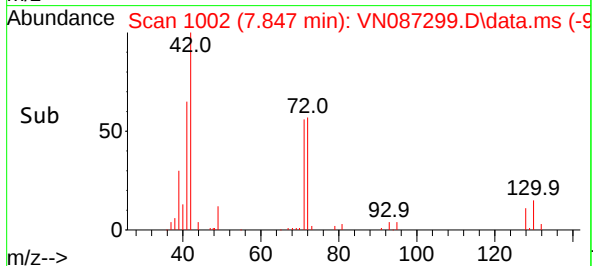
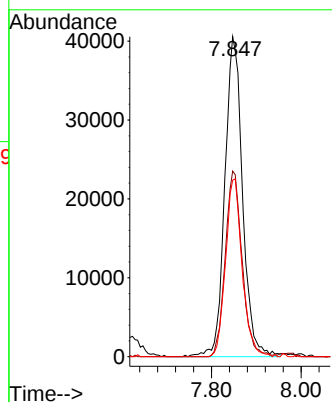
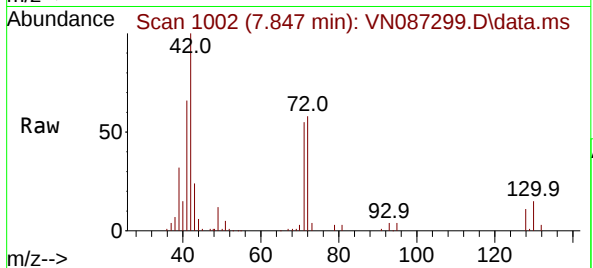
Tgt Ion:	42	Resp:	111649
Ion	Ratio	Lower	Upper
42	100		
72	55.2	44.2	66.4
71	52.2	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#30

Chloroform

Concen: 20.363 ug/l

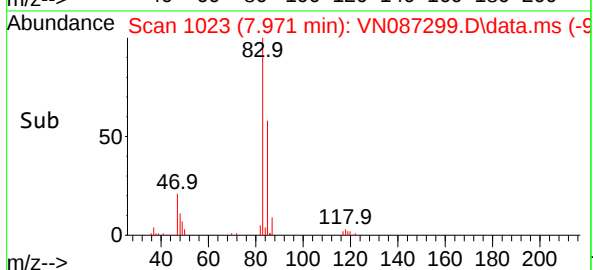
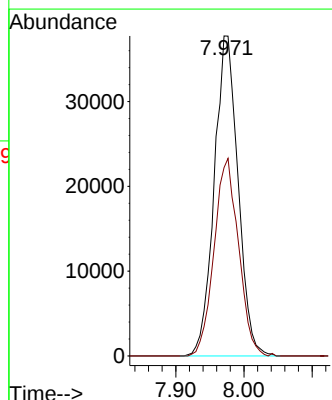
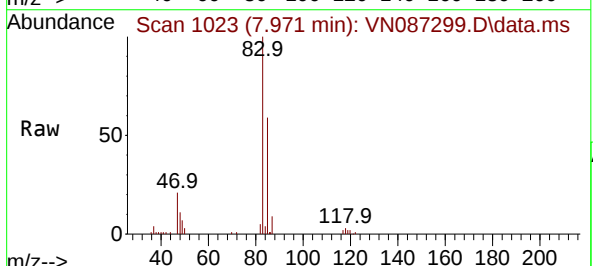
RT: 7.971 min Scan# 1023

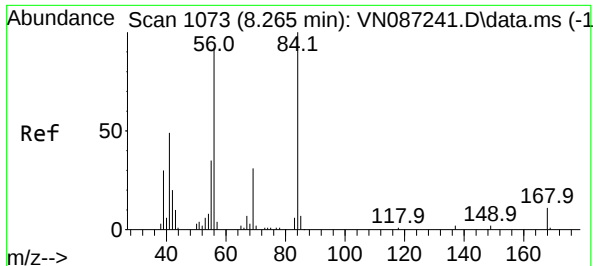
Delta R.T. -0.006 min

Lab File: VN087299.D

Acq: 08 Jul 2025 15:15

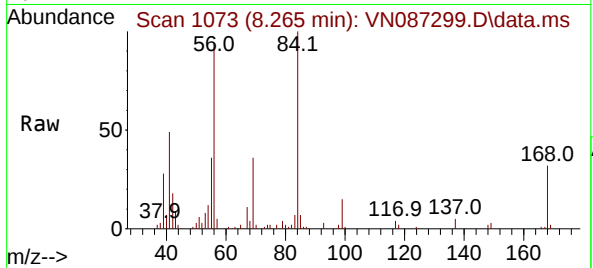
Tgt Ion:	83	Resp:	91862
Ion	Ratio	Lower	Upper
83	100		
85	58.9	50.3	75.5





#31
Cyclohexane
Concen: 17.206 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

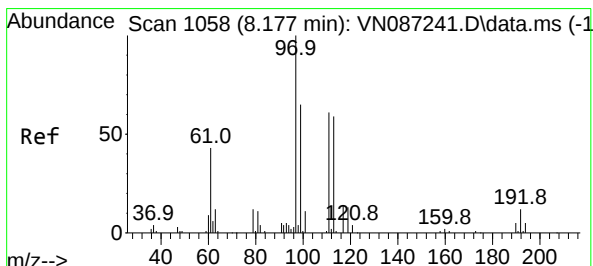
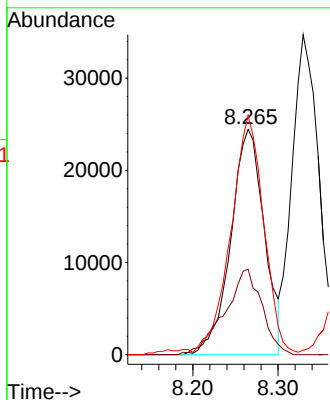
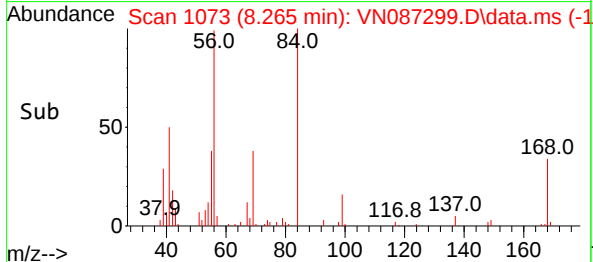
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



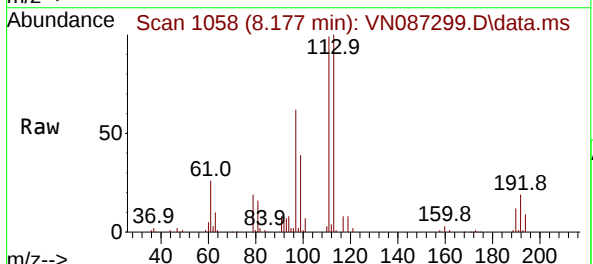
Tgt Ion: 56 Resp: 66954
Ion Ratio Lower Upper
56 100
69 37.9 27.0 40.6
84 104.5 86.2 129.4

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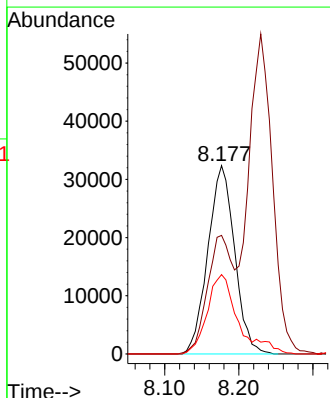
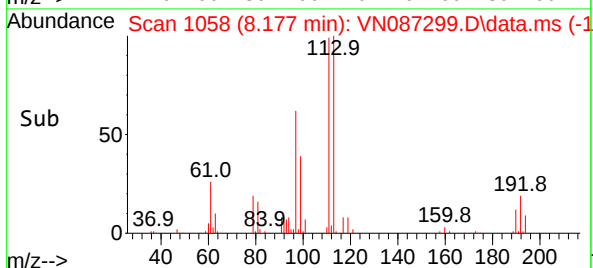
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

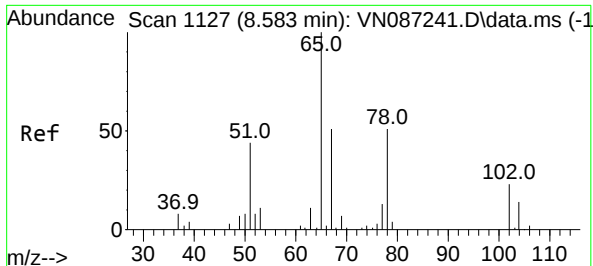


#32
1,1,1-Trichloroethane
Concen: 19.308 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15



Tgt Ion: 97 Resp: 81116
Ion Ratio Lower Upper
97 100
99 58.7 49.5 74.3
61 48.6 35.2 52.8





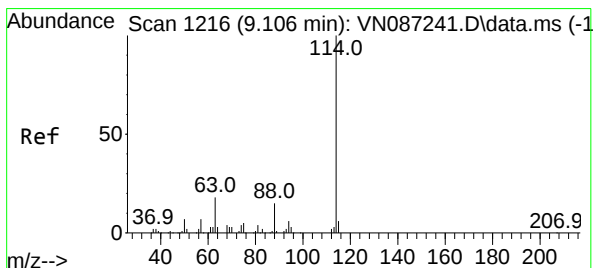
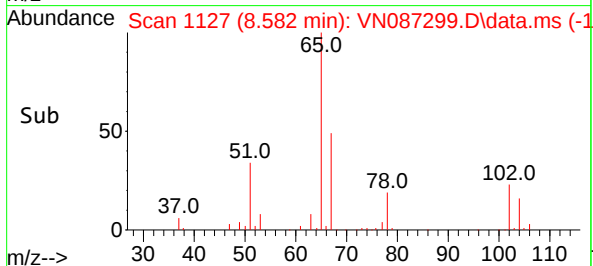
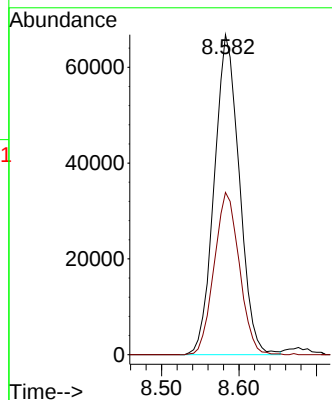
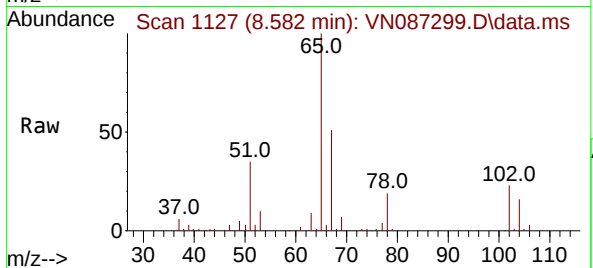
#33
1,2-Dichloroethane-d4
Concen: 52.523 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBSD01

Tgt Ion: 65 Resp: 150072
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.6

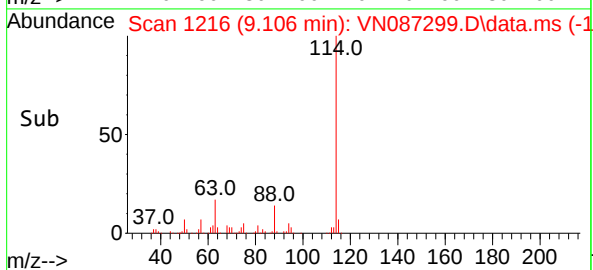
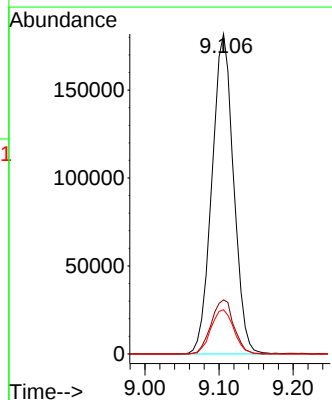
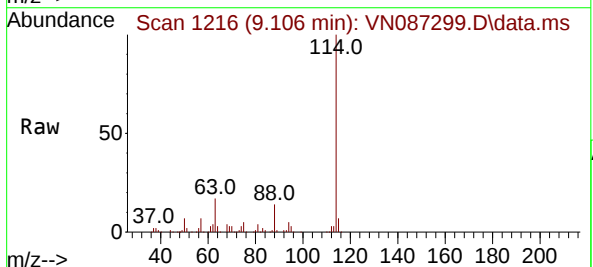
Manual Integrations
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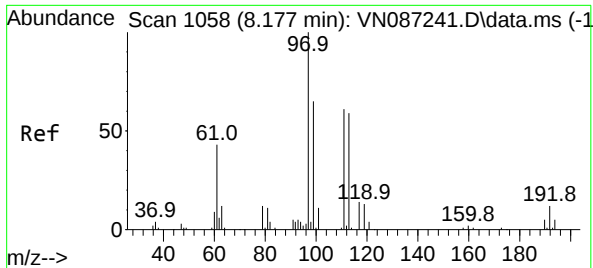
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

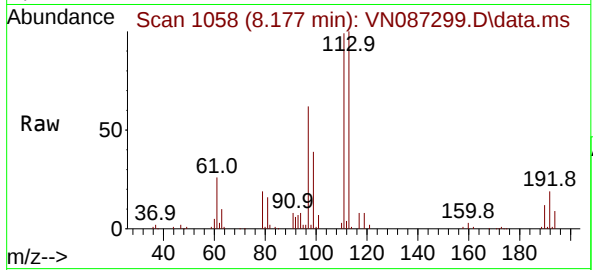
Tgt Ion:114 Resp: 369006
Ion Ratio Lower Upper
114 100
63 16.9 0.0 36.6
88 13.8 0.0 29.6





#35
Dibromofluoromethane
Concen: 52.754 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

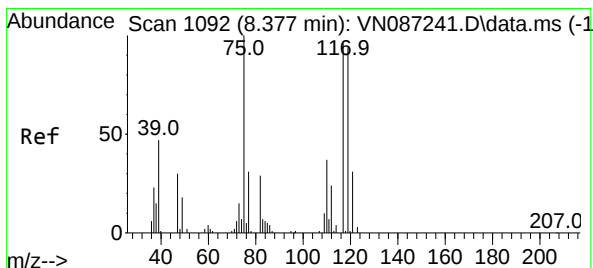
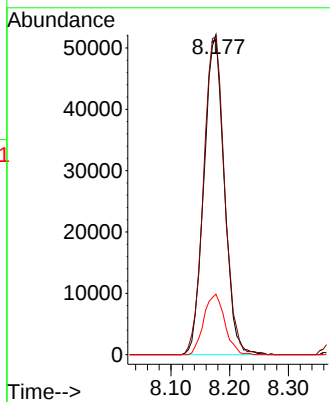
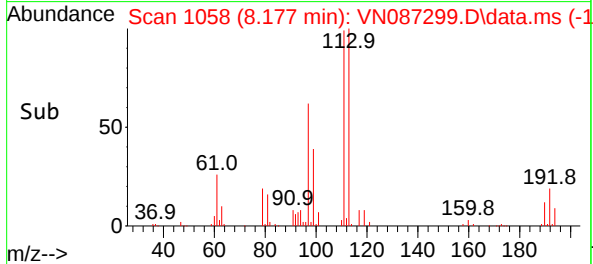
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBSD01



Tgt Ion: 113 Resp: 12464
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.2
192 19.6 15.1 22.7

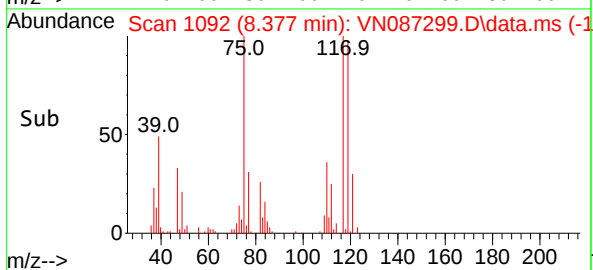
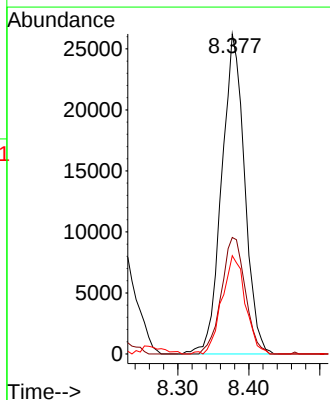
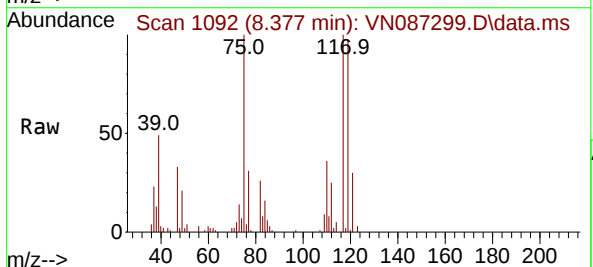
Manual Integrations
APPROVED

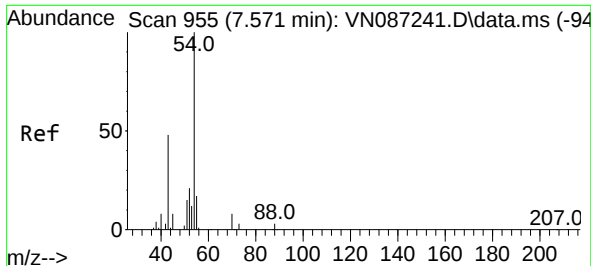
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#36
1,1-Dichloropropene
Concen: 18.275 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

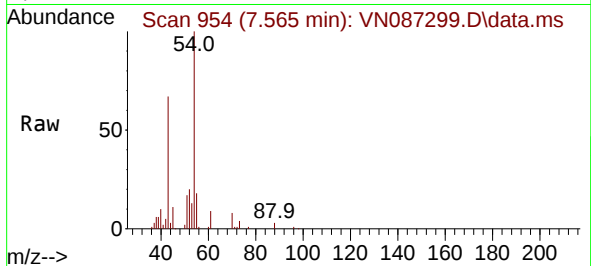
Tgt Ion: 75 Resp: 58721
Ion Ratio Lower Upper
75 100
110 38.0 18.7 56.1
77 31.3 24.5 36.7





#37
Ethyl Acetate
Concen: 19.338 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

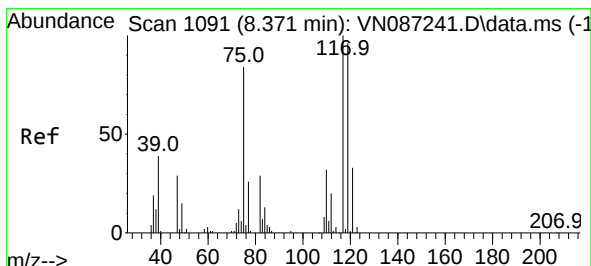
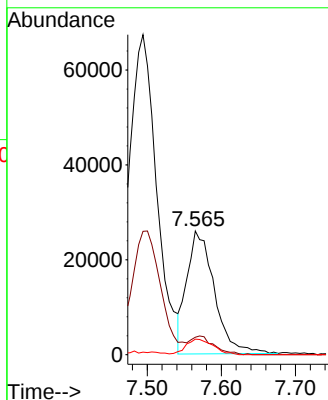
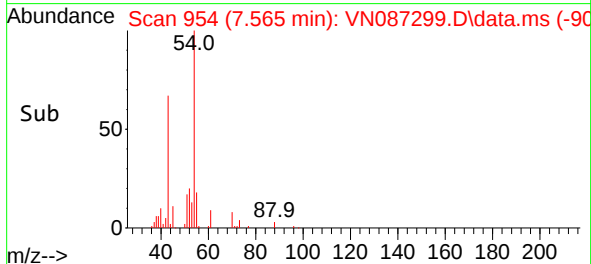
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBSD01



Tgt Ion: 43 Resp: 66794
Ion Ratio Lower Upper
43 100
61 12.7 11.3 16.9
70 12.5 9.9 14.9

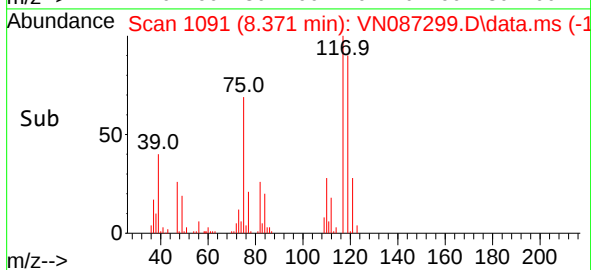
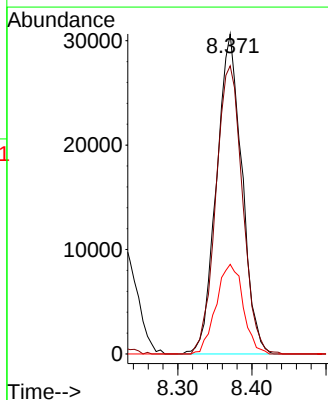
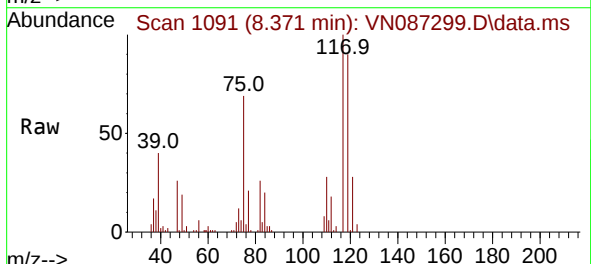
Manual Integrations
APPROVED

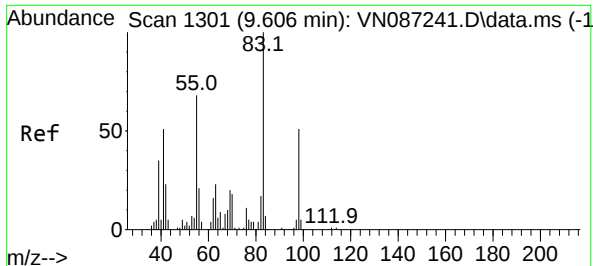
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#38
Carbon Tetrachloride
Concen: 20.058 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

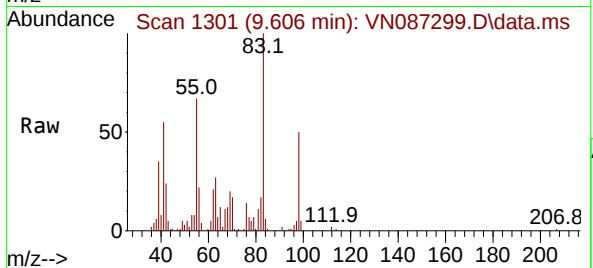
Tgt Ion:117 Resp: 73027
Ion Ratio Lower Upper
117 100
119 90.1 77.2 115.8
121 28.0 26.6 39.8





#39
Methylcyclohexane
Concen: 17.806 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

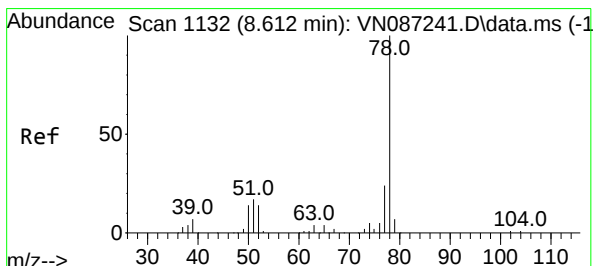
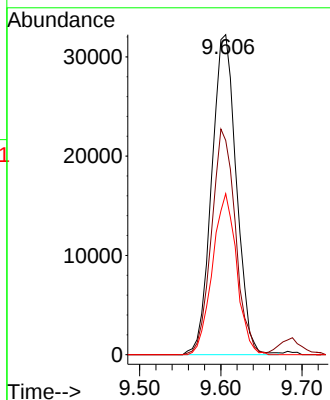
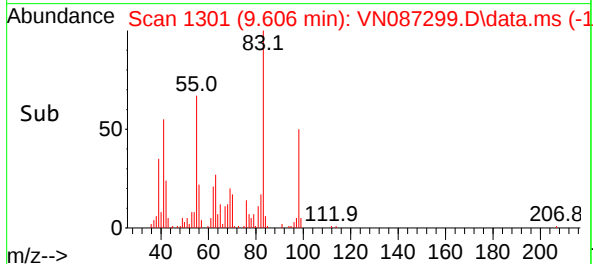
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBSD01



Tgt Ion: 83 Resp: 68134
Ion Ratio Lower Upper
83 100
55 67.0 54.6 81.8
98 50.3 41.2 61.8

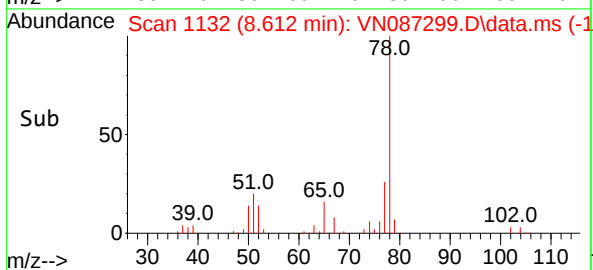
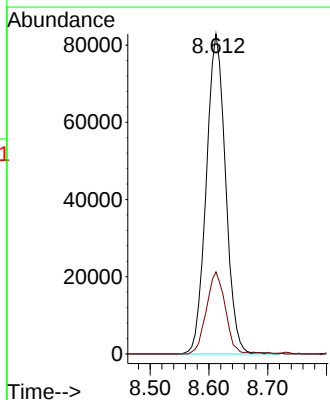
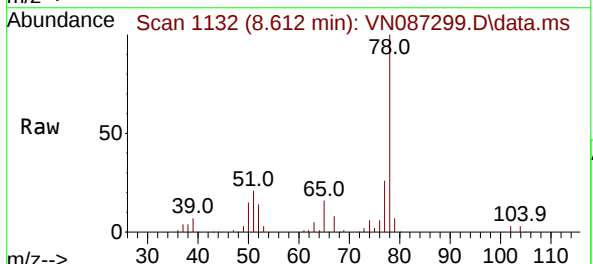
Manual Integrations
APPROVED

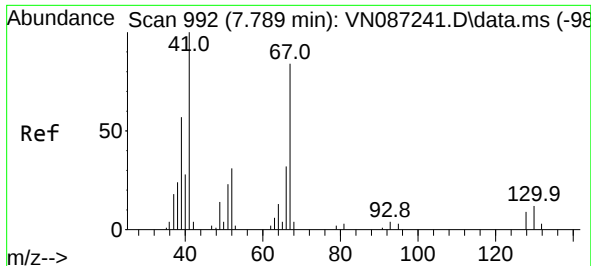
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#40
Benzene
Concen: 18.931 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

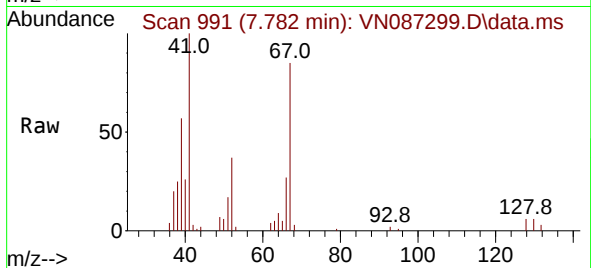
Tgt Ion: 78 Resp: 188444
Ion Ratio Lower Upper
78 100
77 25.7 19.5 29.3





#41
Methacrylonitrile
Concen: 19.999 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

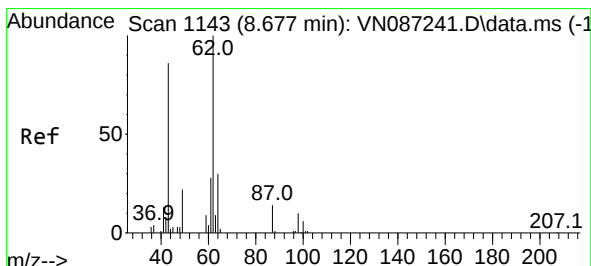
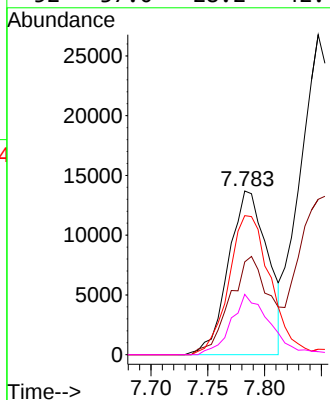
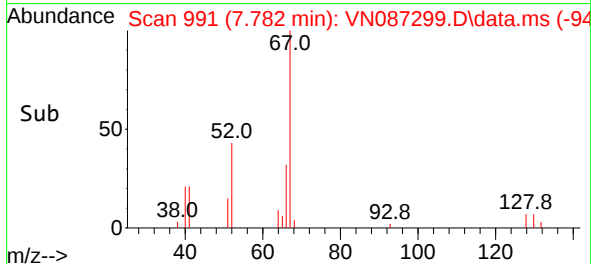
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



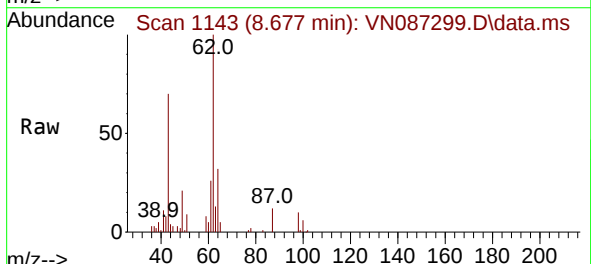
Tgt Ion:	41	Resp:	33028
Ion Ratio	100	Lower	Upper
39	63.6	46.4	69.6
67	90.7	70.8	106.2
52	37.0	28.2	42.4

Manual Integrations
APPROVED

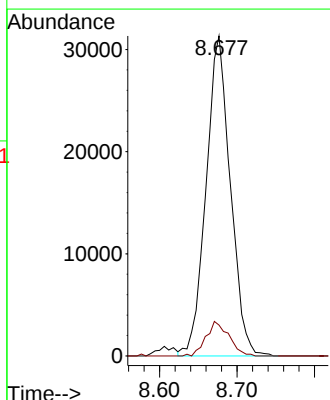
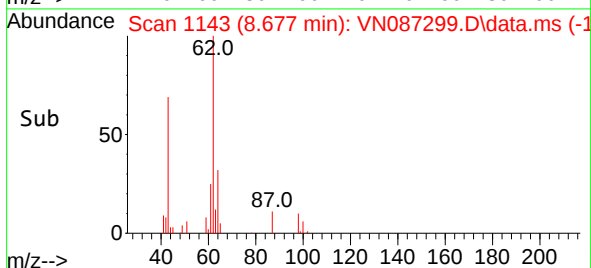
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

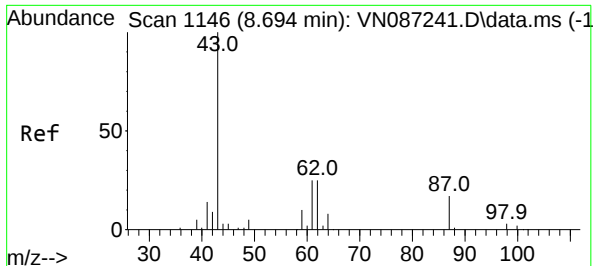


#42
1,2-Dichloroethane
Concen: 20.613 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15



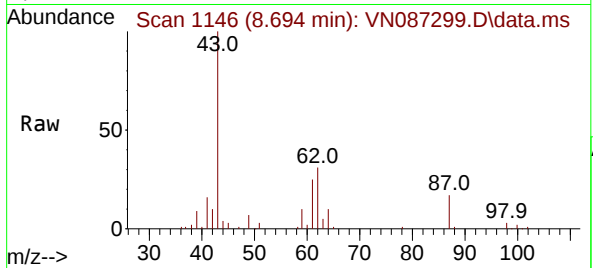
Tgt Ion:	62	Resp:	68239
Ion Ratio	100	Lower	Upper
98	10.2	0.0	19.8





#43
Isopropyl Acetate
Concen: 19.203 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

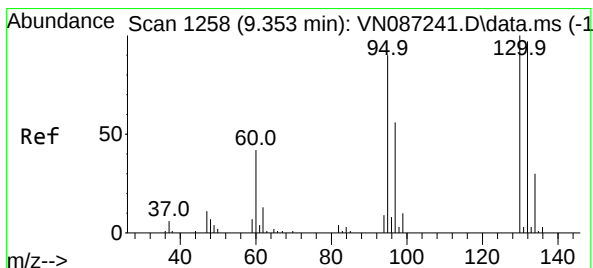
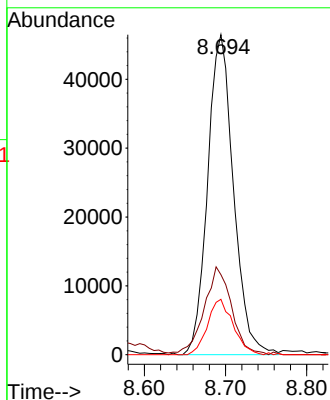
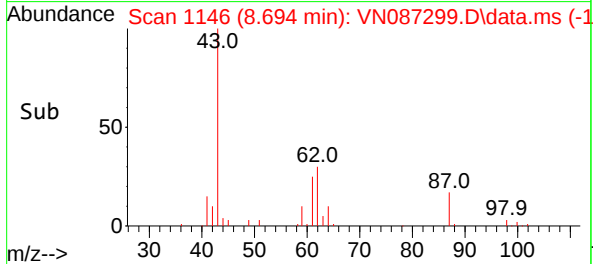
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



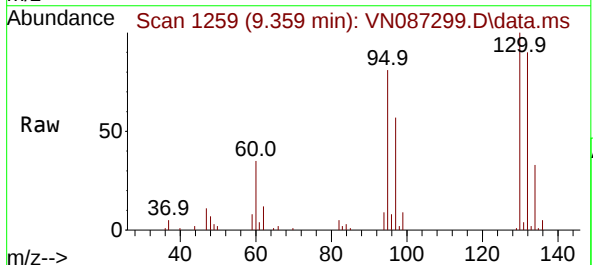
Tgt Ion: 43 Resp: 102864
Ion Ratio Lower Upper
43 100
61 29.2 22.4 33.6
87 17.1 12.8 19.2

Manual Integrations
APPROVED

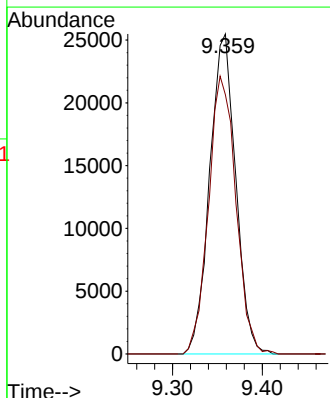
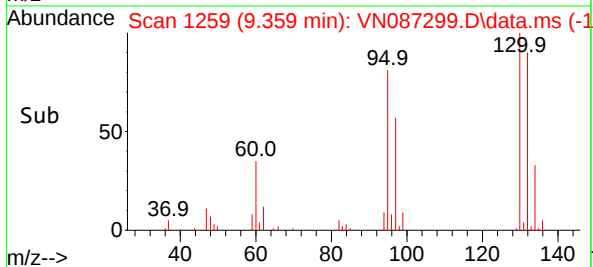
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

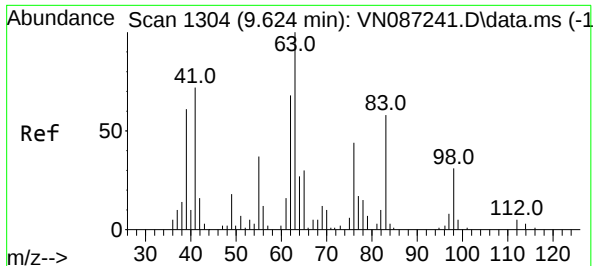


#44
Trichloroethene
Concen: 19.401 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15



Tgt Ion:130 Resp: 51318
Ion Ratio Lower Upper
130 100
95 81.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.852 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN087299.D

Acq: 08 Jul 2025 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0708MBSD01

Tgt Ion: 63 Resp: 4308

Ion Ratio Lower Upper

63 100

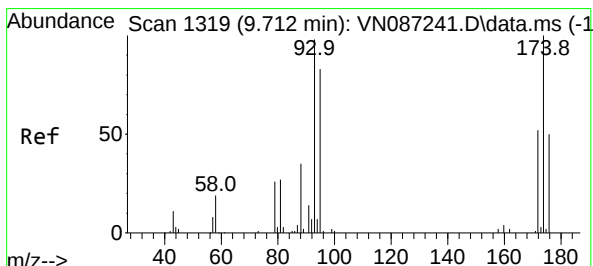
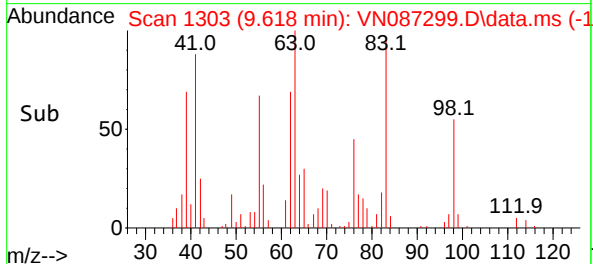
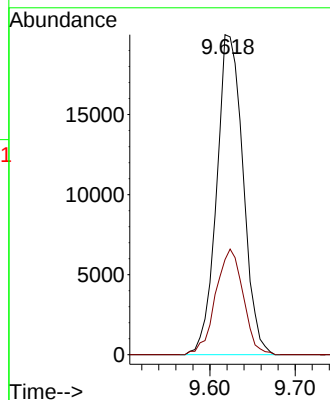
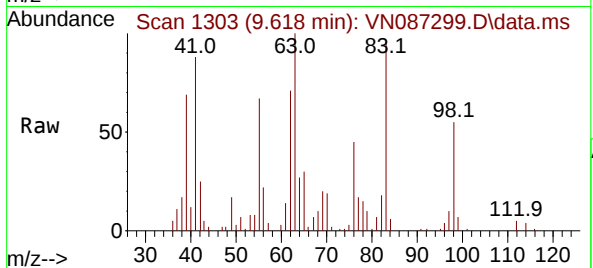
65 29.7 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#46

Dibromomethane

Concen: 20.900 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087299.D

Acq: 08 Jul 2025 15:15

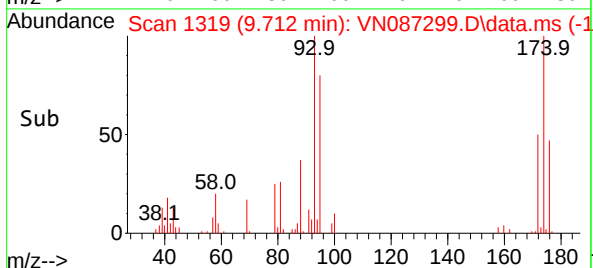
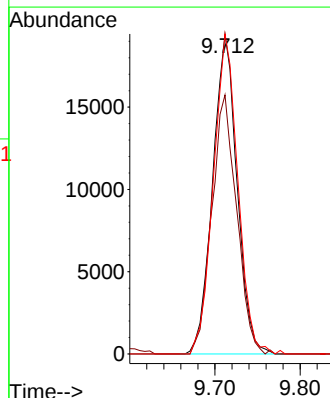
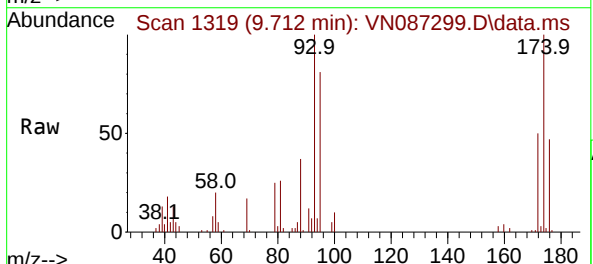
Tgt Ion: 93 Resp: 38590

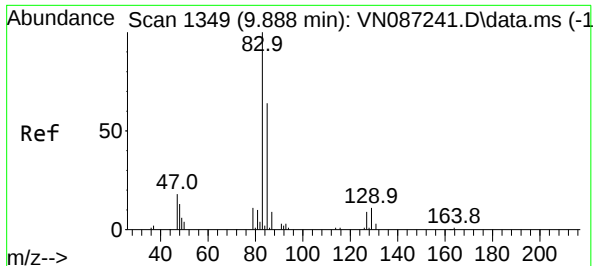
Ion Ratio Lower Upper

93 100

95 83.0 66.1 99.1

174 100.6 81.8 122.6





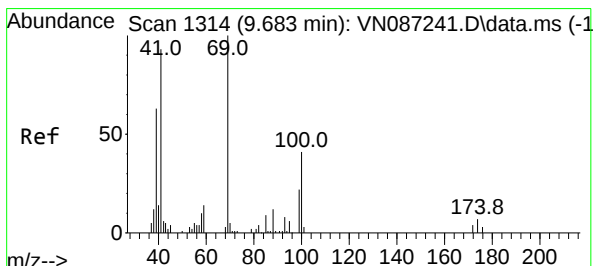
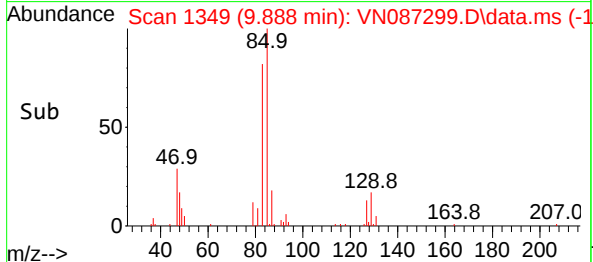
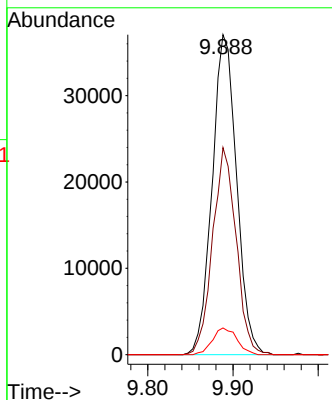
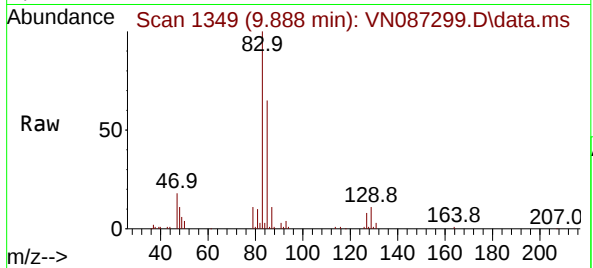
#47
Bromodichloromethane
Concen: 21.003 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01

Tgt Ion: 83 Resp: 7395
Ion Ratio Lower Upper
83 100
85 64.7 51.2 76.8
127 8.3 7.0 10.4

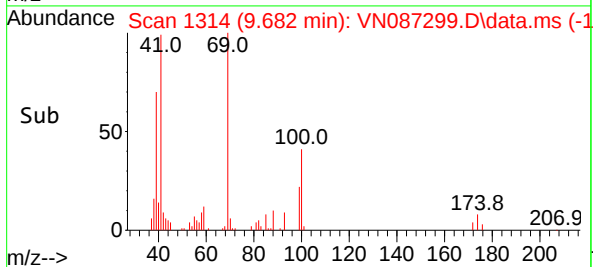
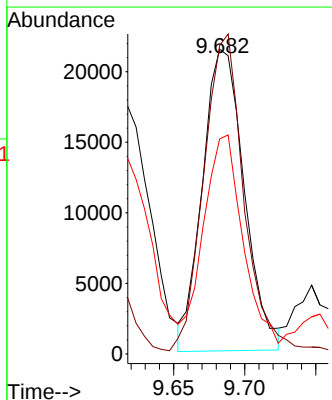
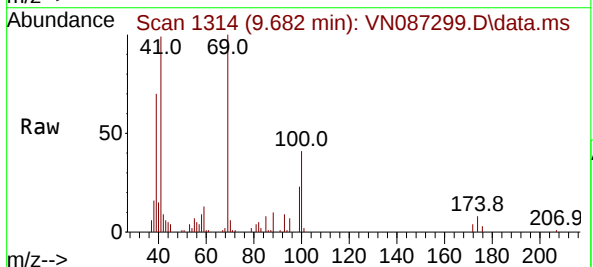
Manual Integrations
APPROVED

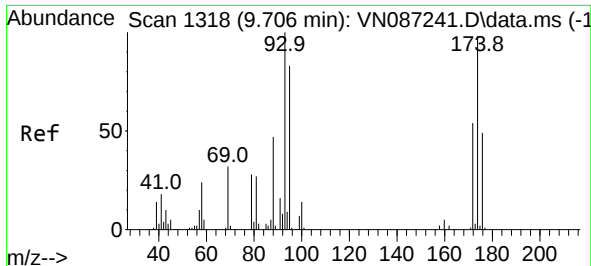
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#48
Methyl methacrylate
Concen: 19.371 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

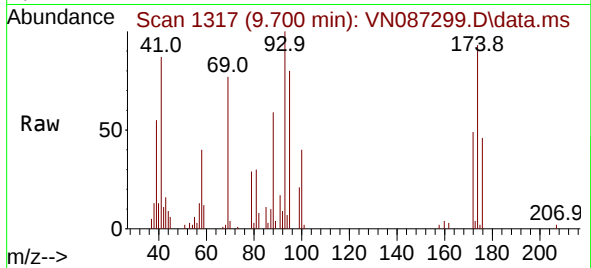
Tgt Ion: 41 Resp: 43733
Ion Ratio Lower Upper
41 100
69 104.3 81.4 122.2
39 70.8 56.9 85.3





#49
1,4-Dioxane
Concen: 432.976 ug/l
RT: 9.700 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

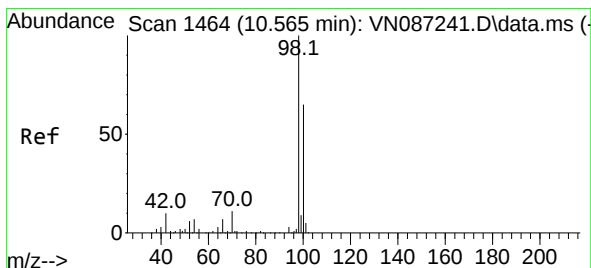
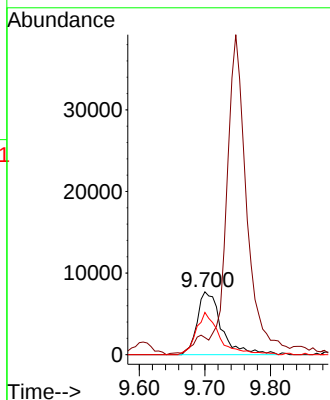
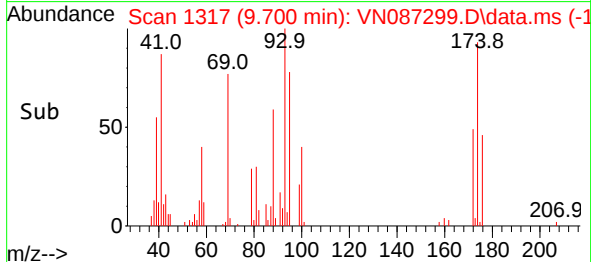
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



Tgt Ion: 88 Resp: 19900
Ion Ratio Lower Upper
88 100
43 21.1 0.0 0.0
58 64.8 47.8 71.8

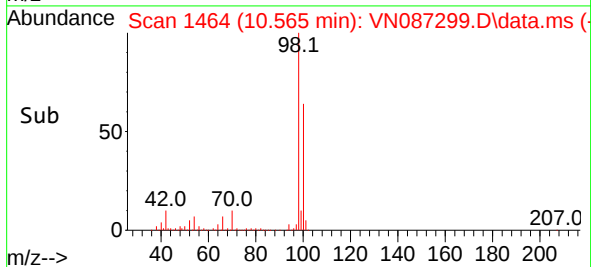
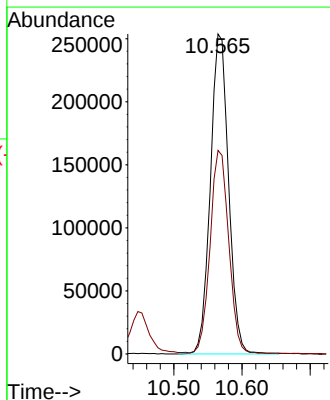
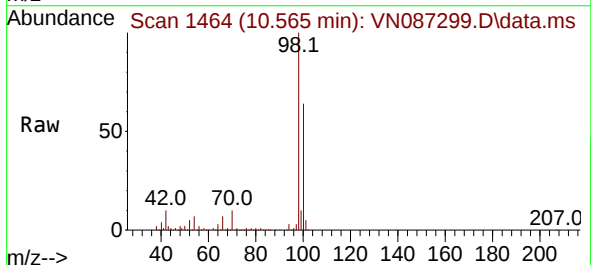
Manual Integrations
APPROVED

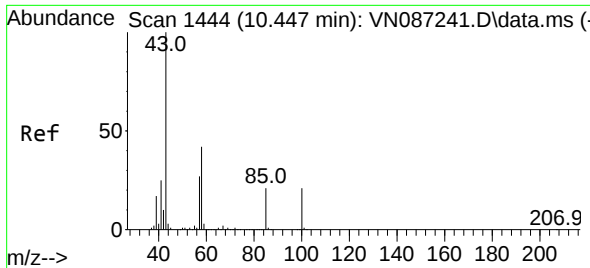
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#50
Toluene-d8
Concen: 51.094 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

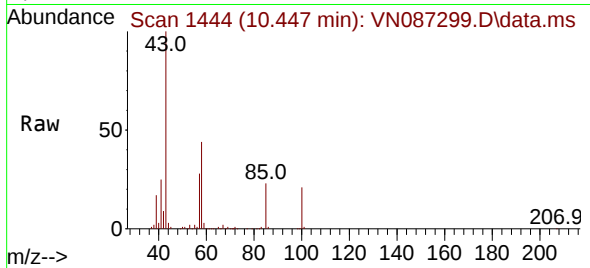
Tgt Ion: 98 Resp: 470560
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 102.258 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

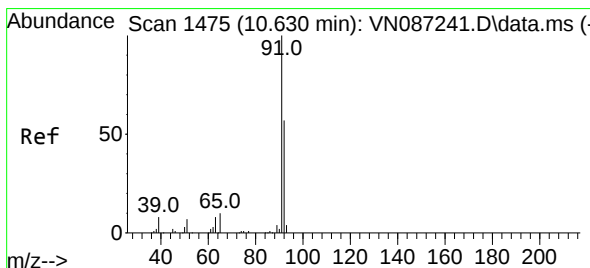
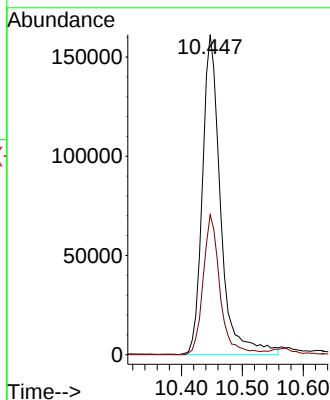
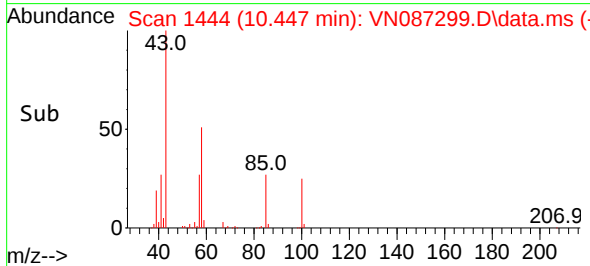
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBSD01



Tgt Ion: 43 Resp: 33514
Ion Ratio Lower Upper
43 100
58 40.7 34.2 51.2

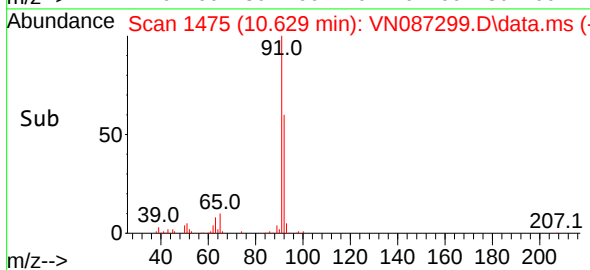
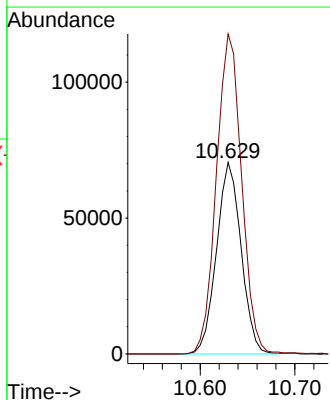
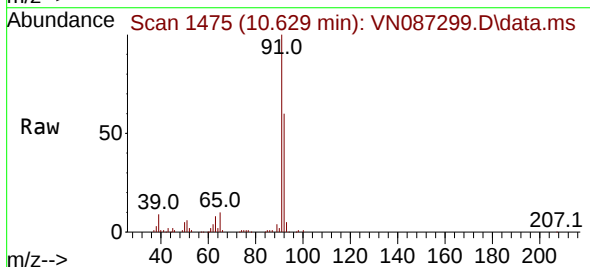
Manual Integrations
APPROVED

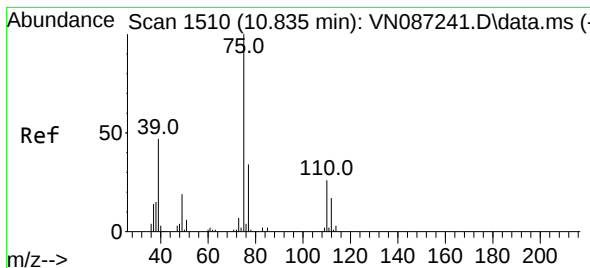
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#52
Toluene
Concen: 19.472 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

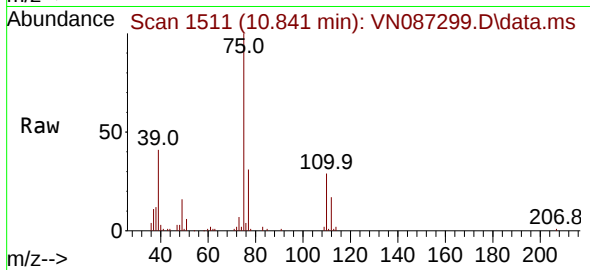
Tgt Ion: 92 Resp: 127122
Ion Ratio Lower Upper
92 100
91 172.0 137.8 206.6





#53
t-1,3-Dichloropropene
Concen: 19.755 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

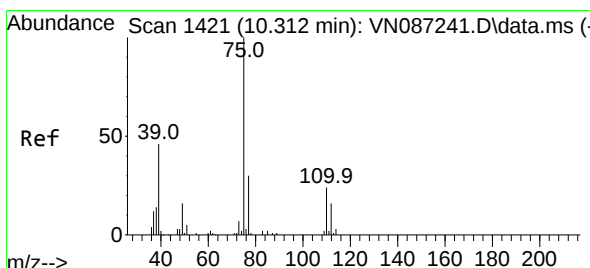
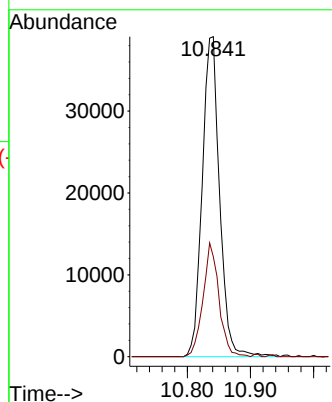
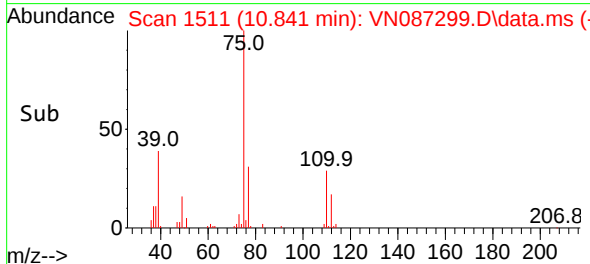
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



Tgt Ion: 75 Resp: 7461
Ion Ratio Lower Upper
75 100
77 31.2 27.1 40.7

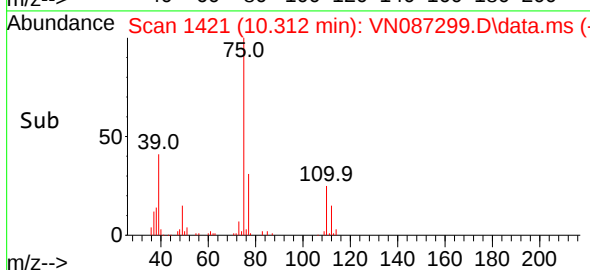
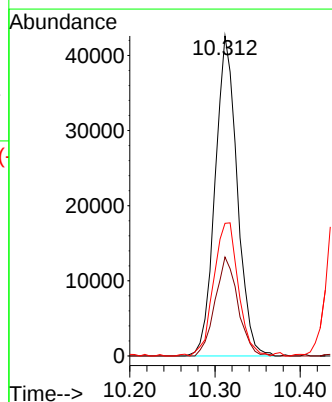
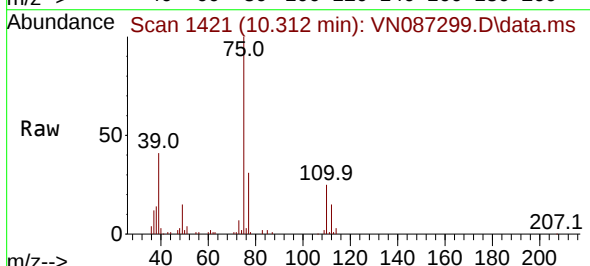
Manual Integrations
APPROVED

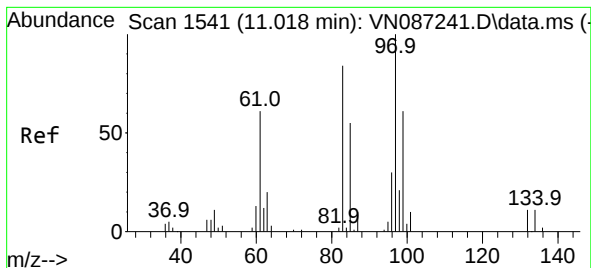
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#54
cis-1,3-Dichloropropene
Concen: 19.900 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

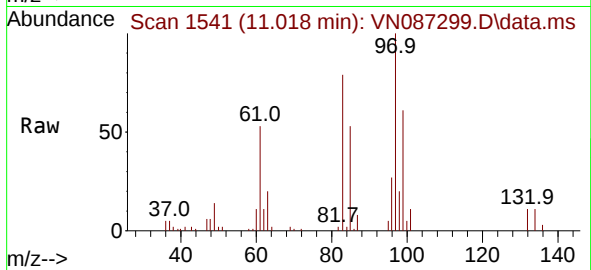
Tgt Ion: 75 Resp: 76581
Ion Ratio Lower Upper
75 100
77 30.9 24.1 36.1
39 41.0 36.7 55.1





#55
1,1,2-Trichloroethane
Concen: 21.730 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

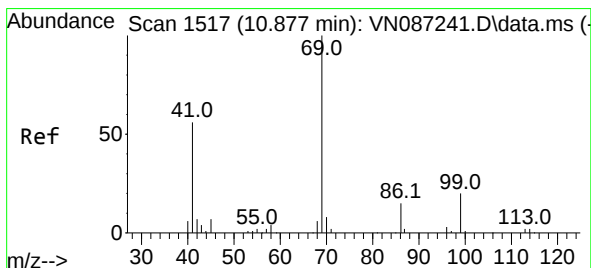
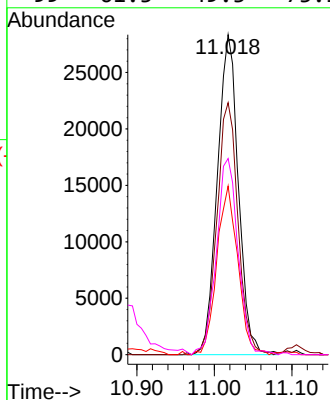
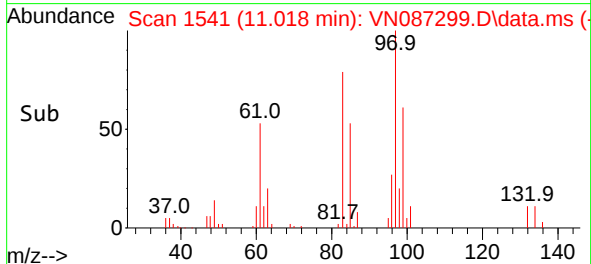
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



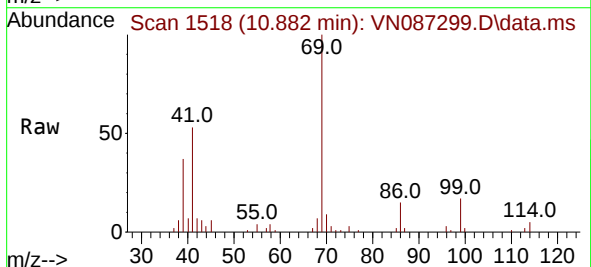
Tgt Ion: 97 Resp: 53590
Ion Ratio Lower Upper
97 100
83 78.8 67.4 101.2
85 52.7 43.6 65.4
99 61.3 49.3 73.9

Manual Integrations
APPROVED

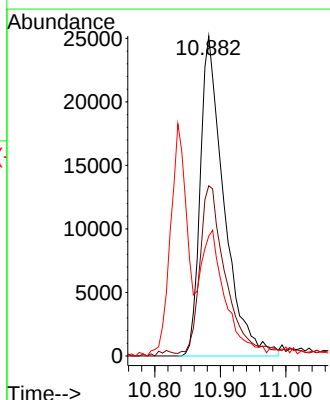
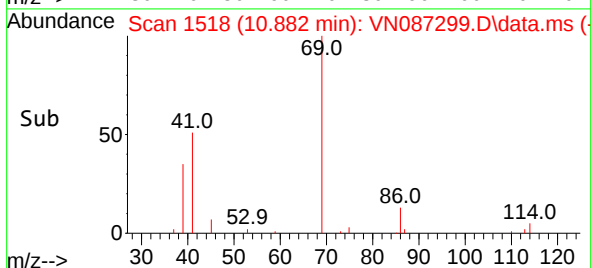
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

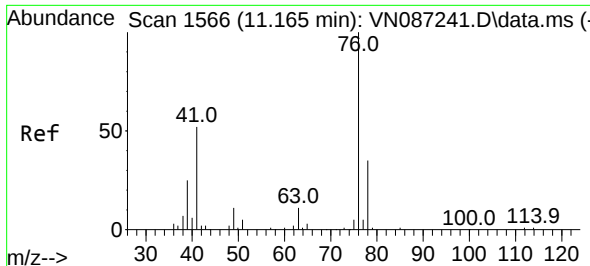


#56
Ethyl methacrylate
Concen: 17.592 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15



Tgt Ion: 69 Resp: 63562
Ion Ratio Lower Upper
69 100
41 56.0 44.2 66.4
39 36.9 29.5 44.3





#57

1,3-Dichloropropane

Concen: 19.917 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN087299.D

Acq: 08 Jul 2025 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0708MBS01

Tgt Ion: 76 Resp: 80169

Ion Ratio Lower Upper

76 100

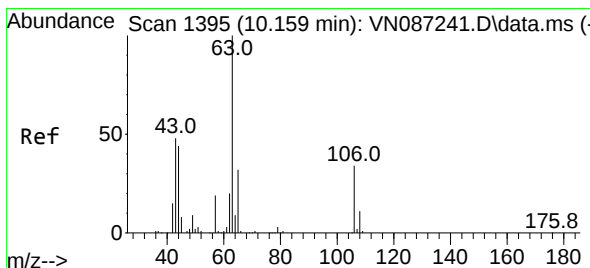
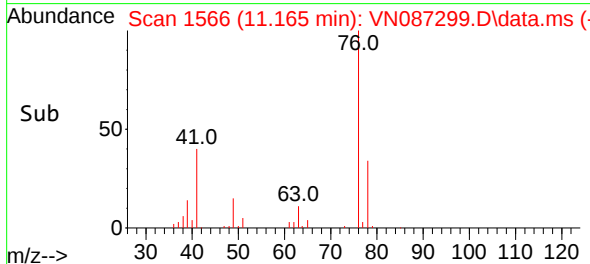
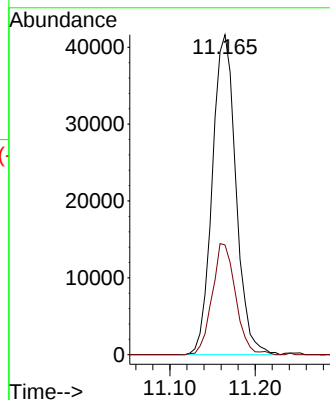
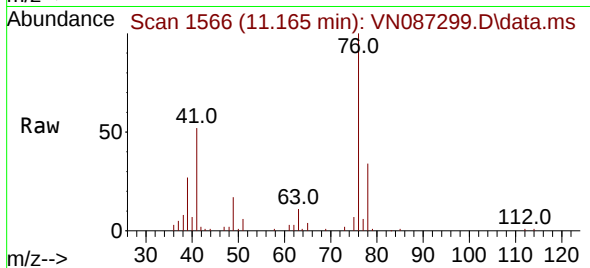
78 34.4 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#58

2-Chloroethyl Vinyl ether

Concen: 85.928 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN087299.D

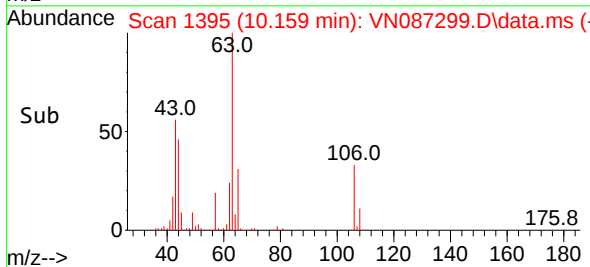
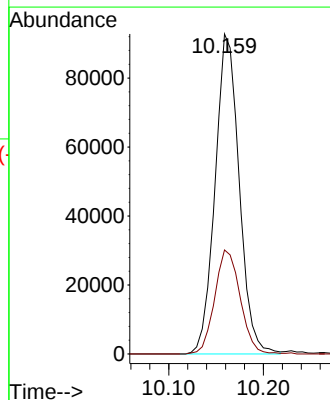
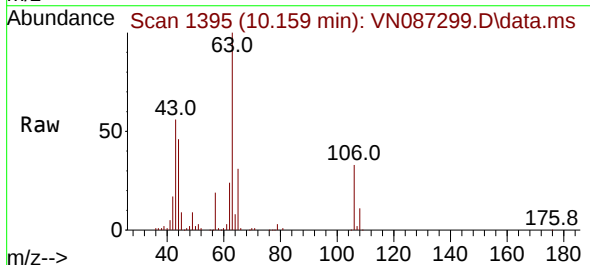
Acq: 08 Jul 2025 15:15

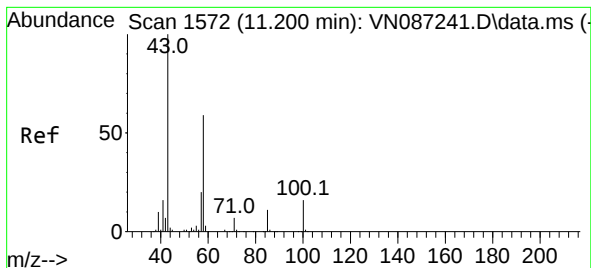
Tgt Ion: 63 Resp: 164088

Ion Ratio Lower Upper

63 100

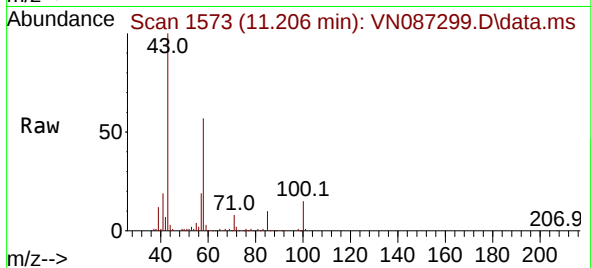
106 34.3 26.9 40.3





#59
2-Hexanone
Concen: 81.852 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

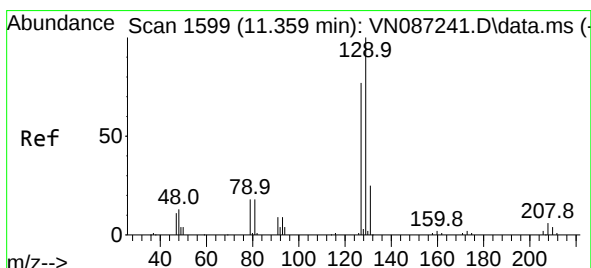
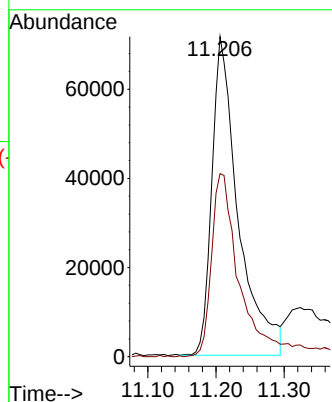
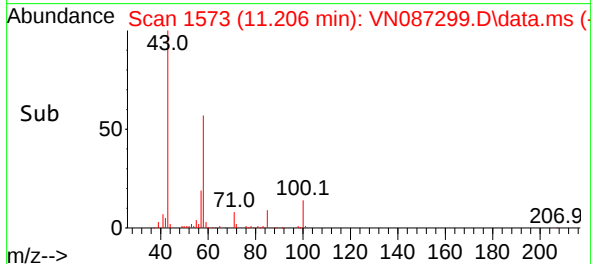
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBSD01



Tgt Ion: 43 Resp: 19215
Ion Ratio Lower Upper
43 100
58 62.0 31.1 93.3

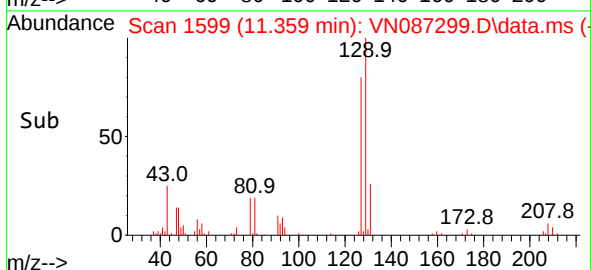
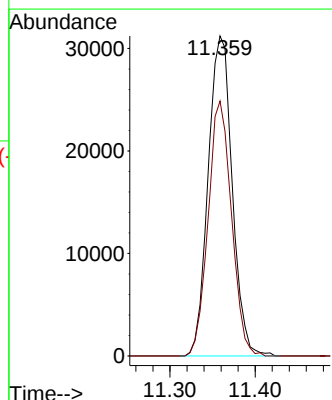
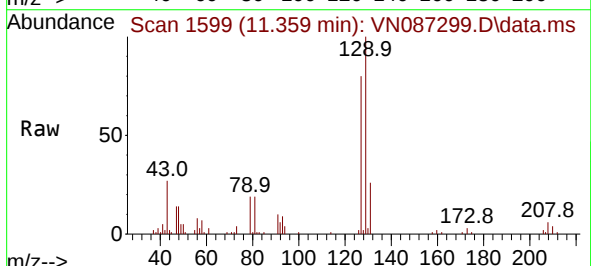
Manual Integrations
APPROVED

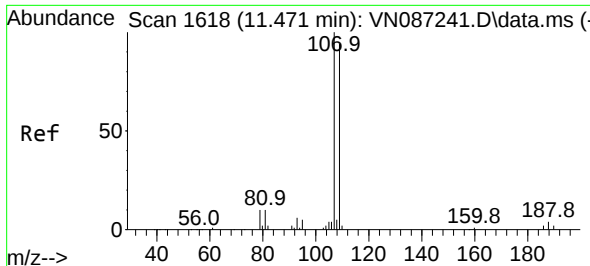
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#60
Dibromochloromethane
Concen: 21.083 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

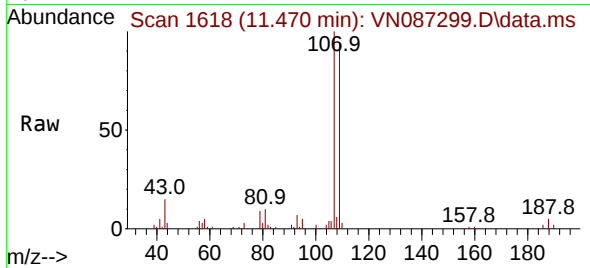
Tgt Ion:129 Resp: 61293
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.9





#61
1,2-Dibromoethane
Concen: 20.796 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

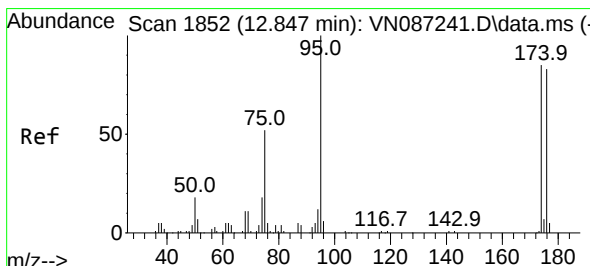
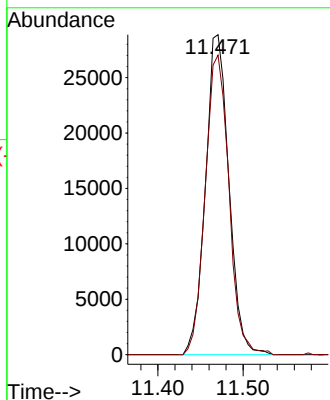
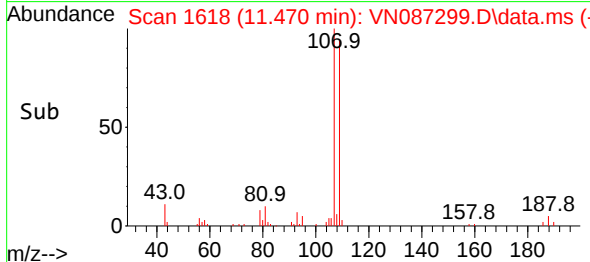
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBSD01



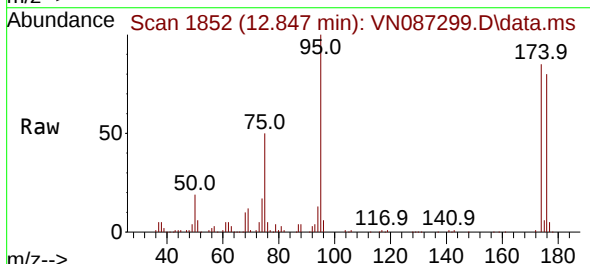
Tgt Ion:107 Resp: 5516
Ion Ratio Lower Upper
107 100
109 94.7 76.0 114.0

Manual Integrations
APPROVED

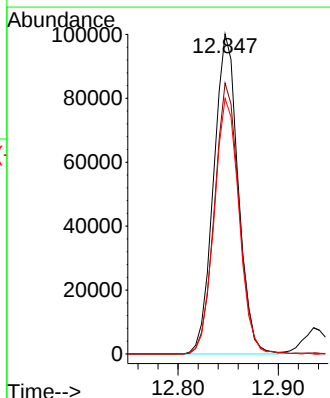
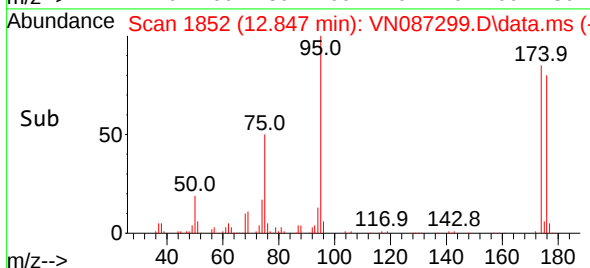
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

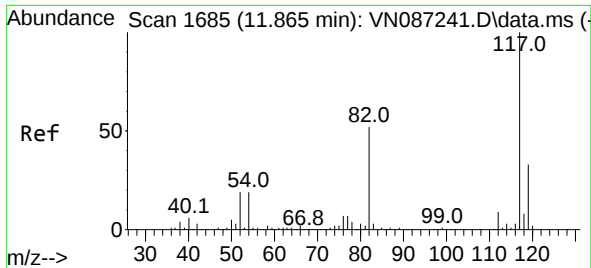


#62
4-Bromofluorobenzene
Concen: 51.673 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15



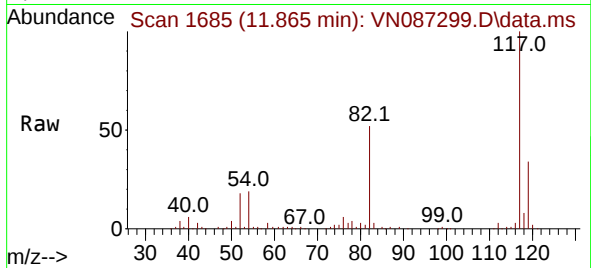
Tgt Ion: 95 Resp: 169326
Ion Ratio Lower Upper
95 100
174 85.3 0.0 169.6
176 81.2 0.0 161.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

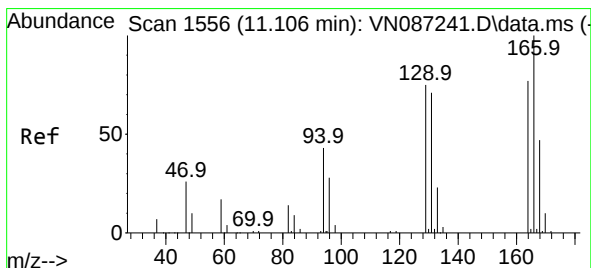
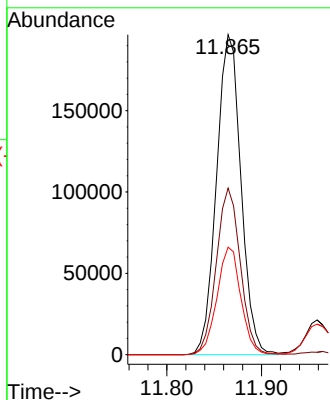
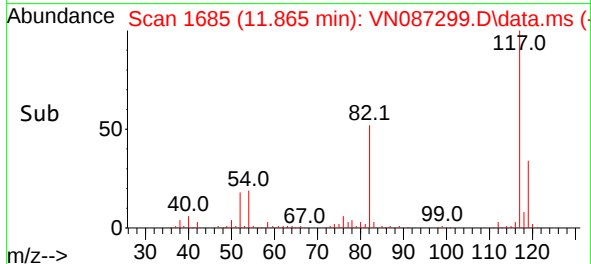
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



Tgt Ion:117 Resp: 35348
Ion Ratio Lower Upper
117 100
82 52.1 41.9 62.9
119 33.6 26.2 39.4

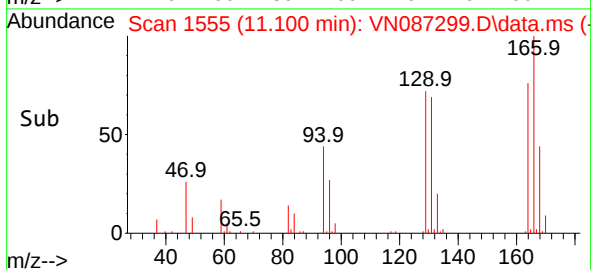
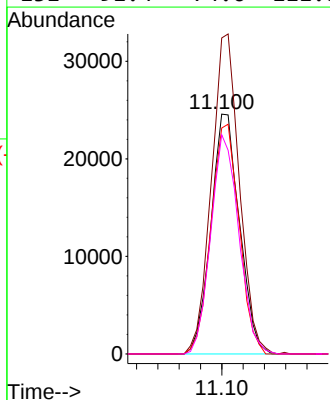
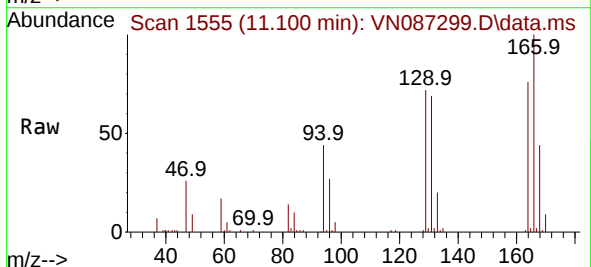
Manual Integrations
APPROVED

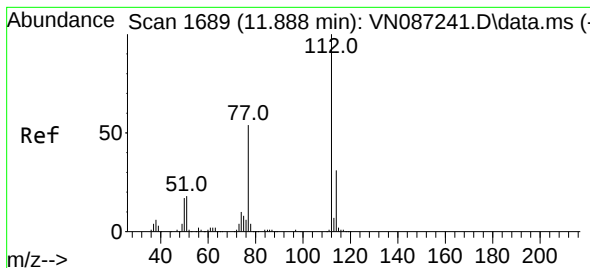
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#64
Tetrachloroethene
Concen: 19.389 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

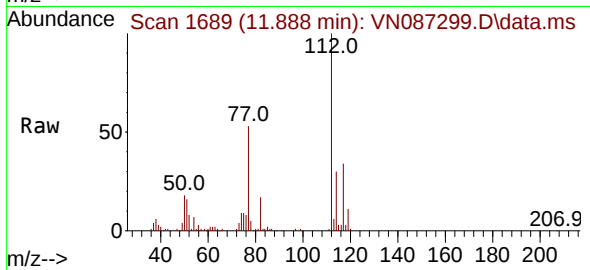
Tgt Ion:164 Resp: 45697
Ion Ratio Lower Upper
164 100
166 131.7 104.3 156.5
129 94.2 78.5 117.7
131 91.4 74.6 111.8





#65
Chlorobenzene
Concen: 19.568 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

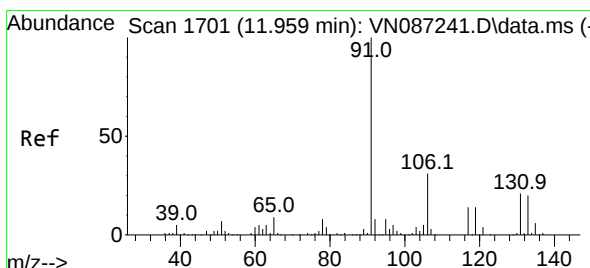
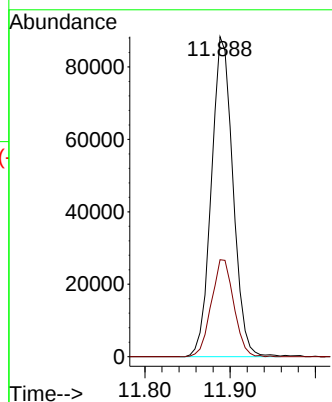
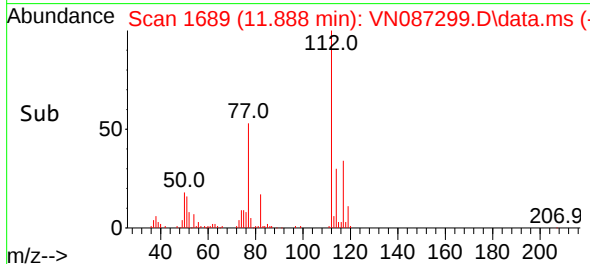
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



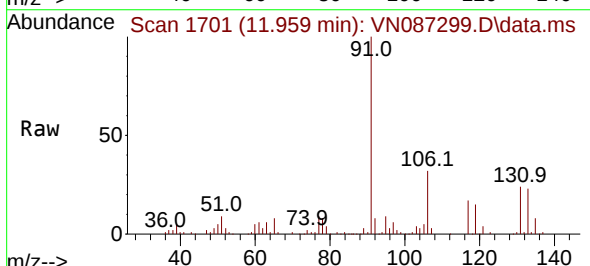
Tgt Ion:112 Resp: 155210
Ion Ratio Lower Upper
112 100
114 30.3 24.4 36.6

Manual Integrations
APPROVED

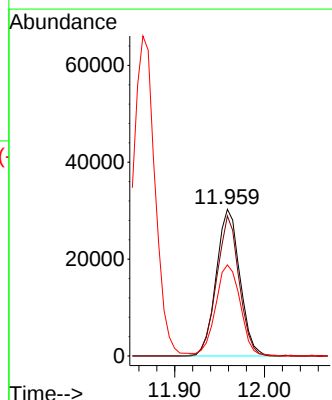
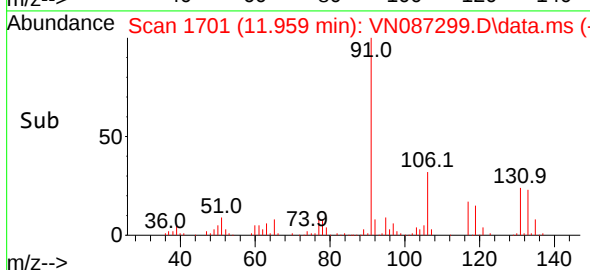
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

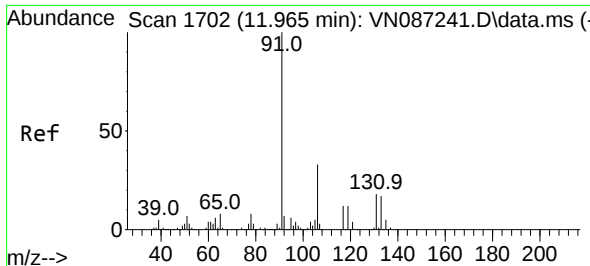


#66
1,1,1,2-Tetrachloroethane
Concen: 20.189 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15



Tgt Ion:131 Resp: 55293
Ion Ratio Lower Upper
131 100
133 91.1 47.2 141.6
119 65.1 32.4 97.2





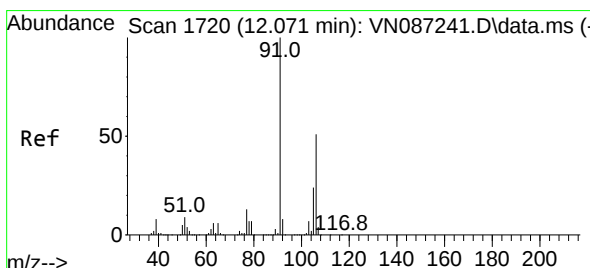
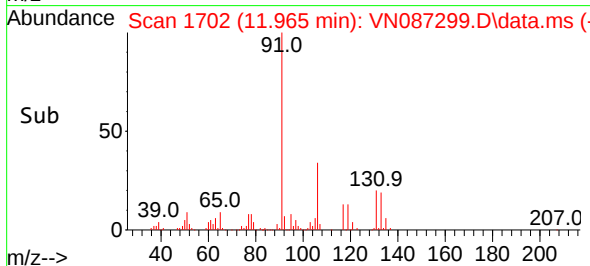
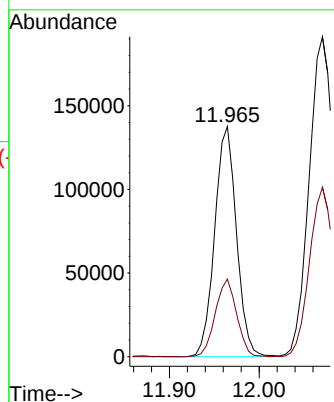
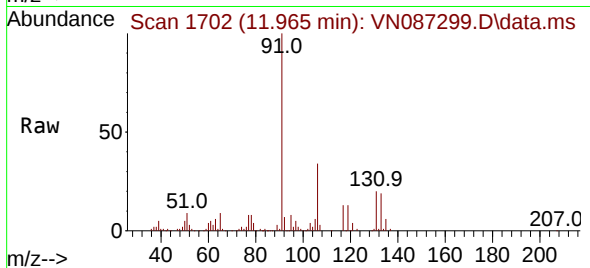
#67
Ethyl Benzene
Concen: 18.074 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBSD01

Tgt Ion: 91 Resp: 23197
Ion Ratio Lower Upper
91 100
106 33.7 26.2 39.4

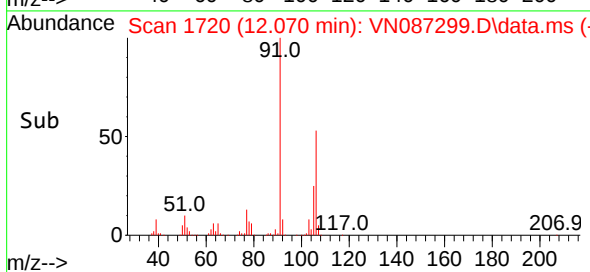
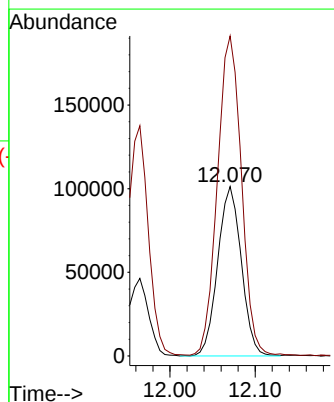
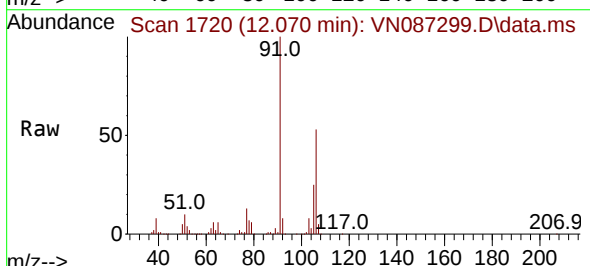
Manual Integrations
APPROVED

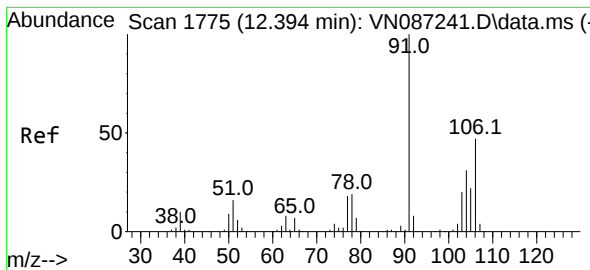
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#68
m/p-Xylenes
Concen: 38.020 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

Tgt Ion:106 Resp: 194964
Ion Ratio Lower Upper
106 100
91 192.0 158.2 237.2





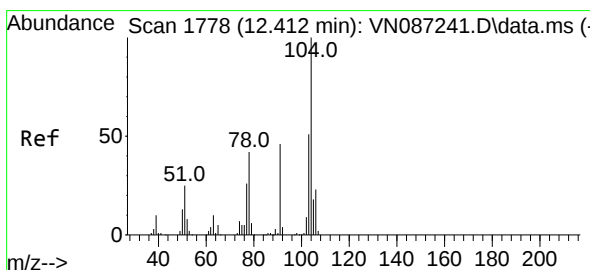
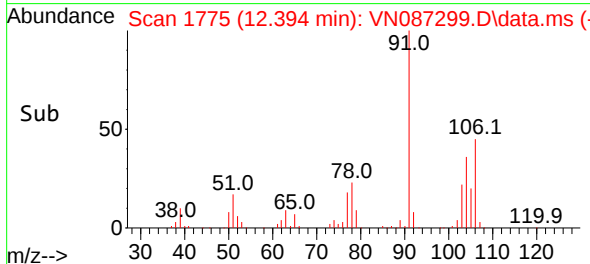
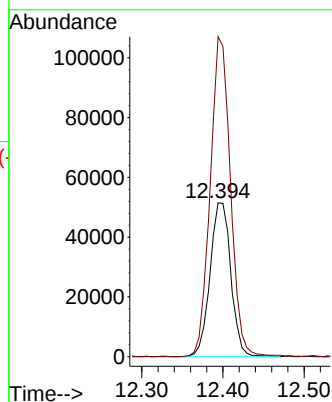
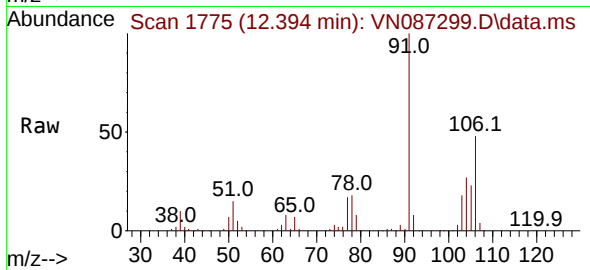
#69
o-Xylene
Concen: 19.092 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBSD01

Tgt Ion:106 Resp: 91580
Ion Ratio Lower Upper
106 100
91 203.2 105.4 316.1

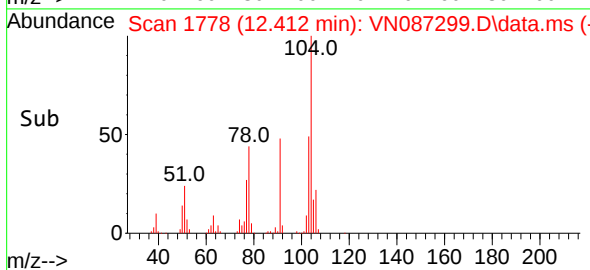
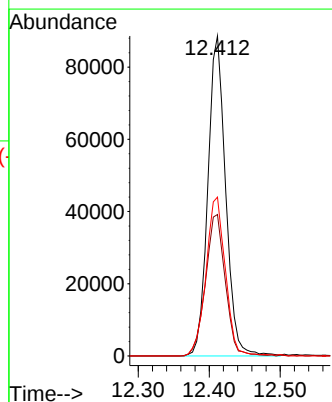
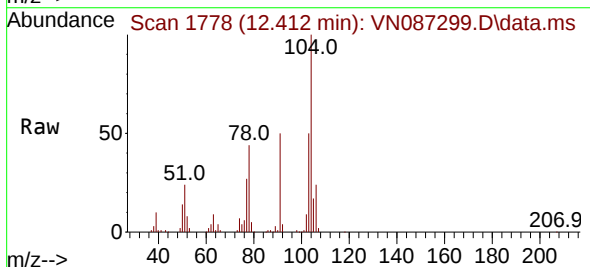
Manual Integrations
APPROVED

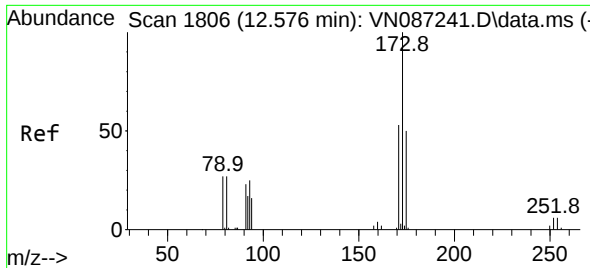
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#70
Styrene
Concen: 18.941 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

Tgt Ion:104 Resp: 154409
Ion Ratio Lower Upper
104 100
78 49.1 37.6 56.4
103 54.4 44.0 66.0





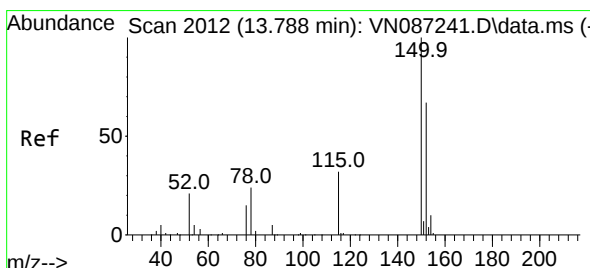
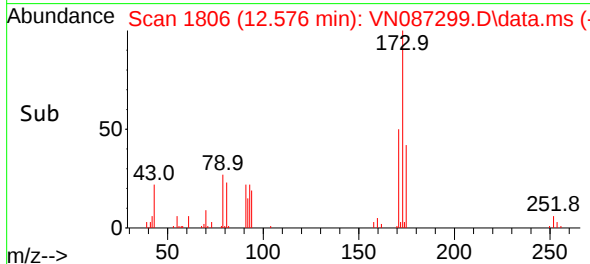
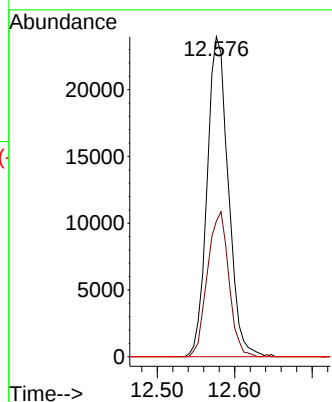
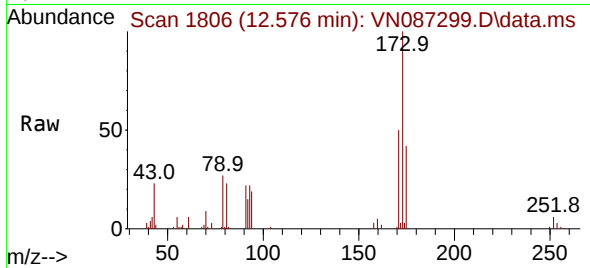
#71
Bromoform
Concen: 21.594 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBSD01

Tgt Ion:173 Resp: 4562
Ion Ratio Lower Upper
173 100
175 45.6 24.6 73.6
254 0.0 0.0 0.0

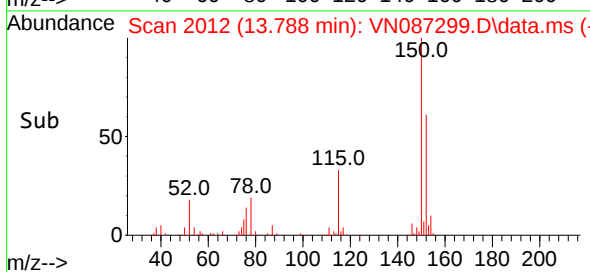
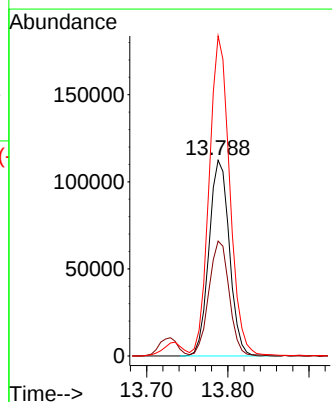
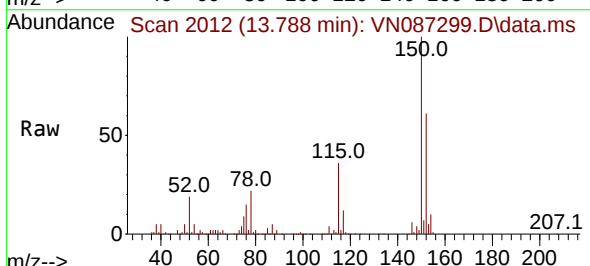
Manual Integrations
APPROVED

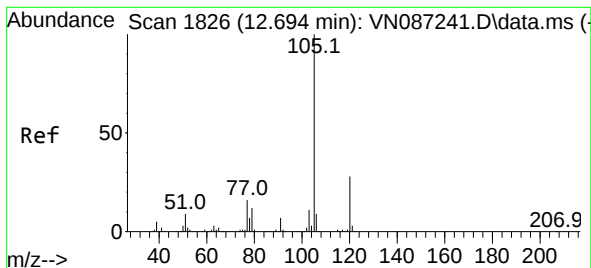
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

Tgt Ion:152 Resp: 196193
Ion Ratio Lower Upper
152 100
115 58.3 28.3 84.9
150 164.2 0.0 344.6





#73

Isopropylbenzene

Concen: 18.339 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN087299.D

Acq: 08 Jul 2025 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0708MBSD01

Tgt Ion:105 Resp: 23183

Ion Ratio Lower Upper

105 100

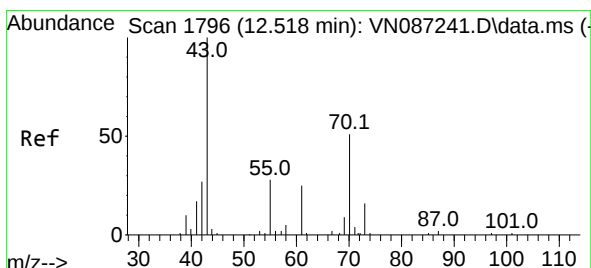
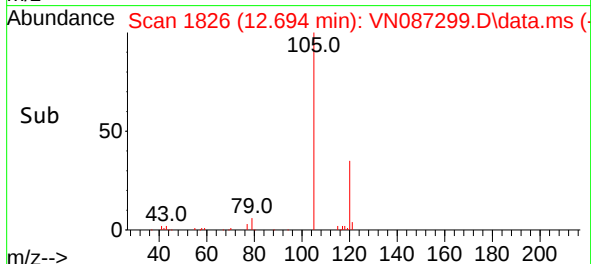
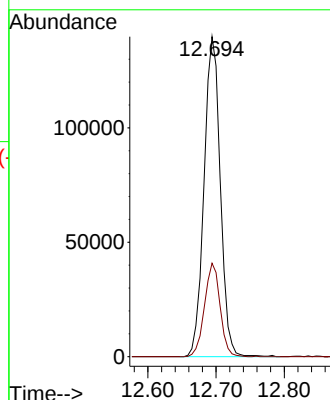
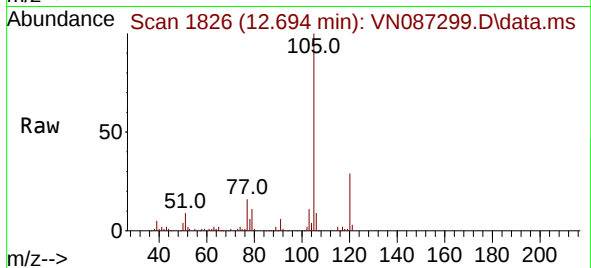
120 28.0 13.9 41.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#74

N-ethyl acetate

Concen: 17.620 ug/l m

RT: 12.535 min Scan# 1799

Delta R.T. 0.017 min

Lab File: VN087299.D

Acq: 08 Jul 2025 15:15

Tgt Ion: 43 Resp: 73250

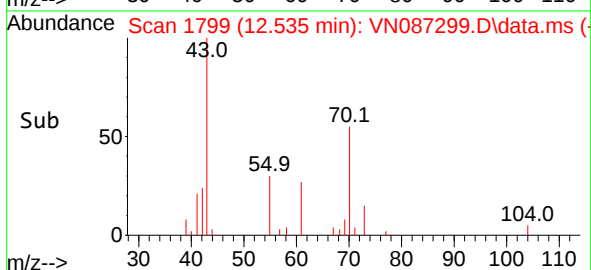
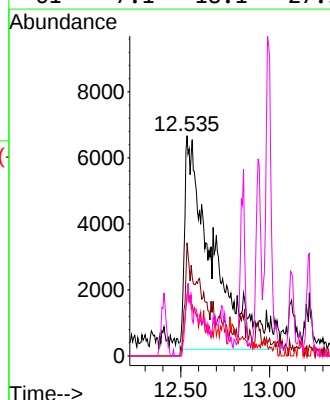
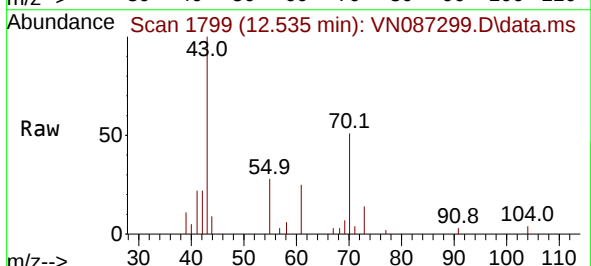
Ion Ratio Lower Upper

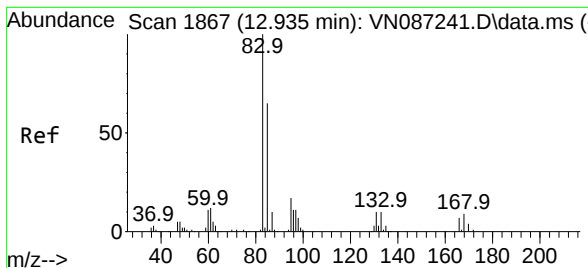
43 100

70 8.7 29.2 43.8#

55 10.5 17.0 25.4#

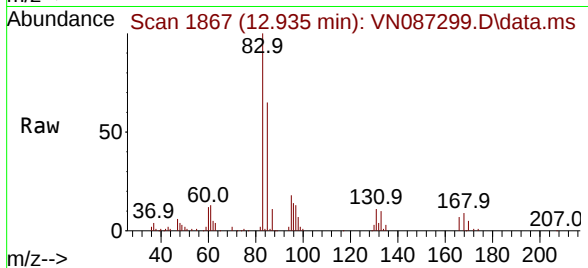
61 7.1 18.1 27.1#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.539 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

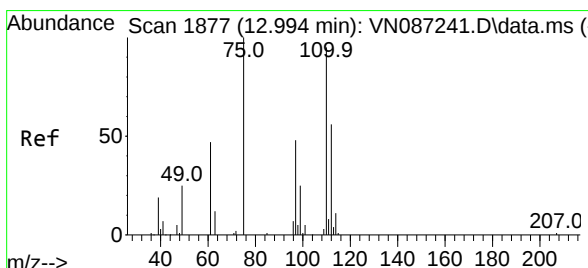
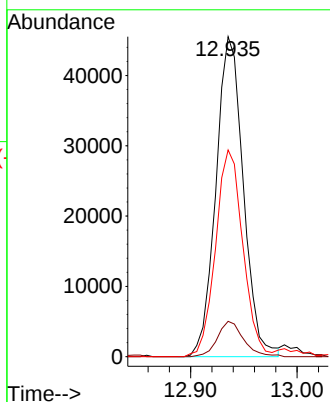
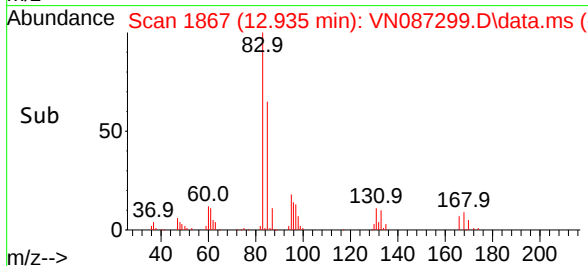
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



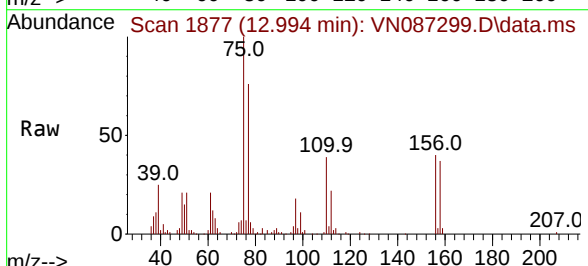
Tgt Ion: 83 Resp: 81240
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.9
85 64.3 32.2 96.6

Manual Integrations
APPROVED

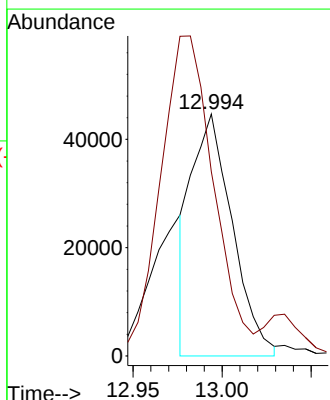
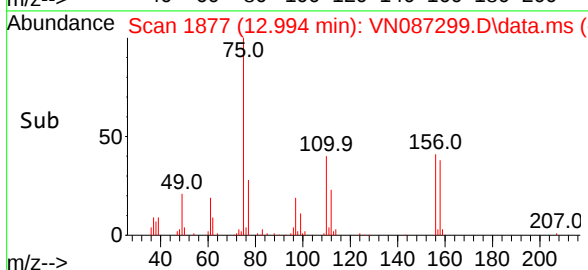
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

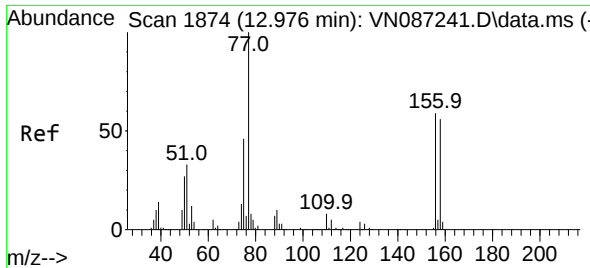


#76
1,2,3-Trichloropropane
Concen: 19.059 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15



Tgt Ion: 75 Resp: 71125
Ion Ratio Lower Upper
75 100
77 172.8 82.0 245.8





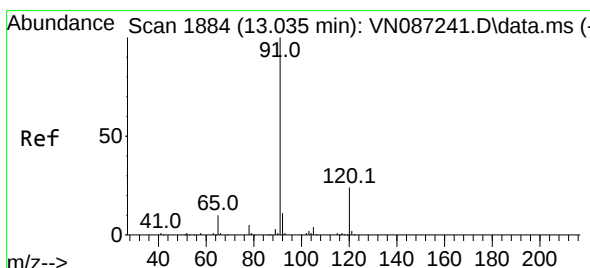
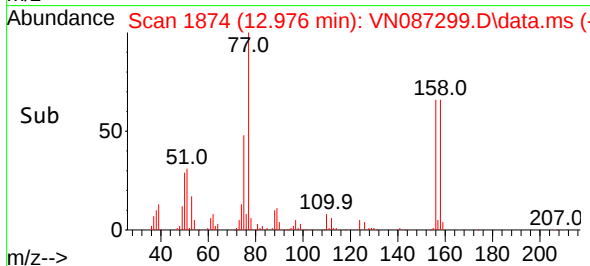
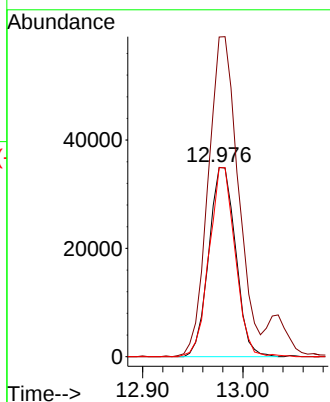
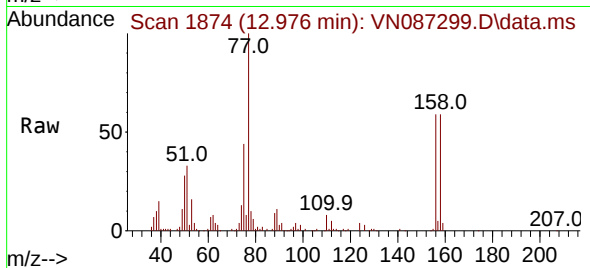
#77
Bromobenzene
Concen: 19.625 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBSD01

Tgt Ion:156 Resp: 6476
Ion Ratio Lower Upper
156 100
77 189.8 98.0 294.1
158 97.3 47.7 143.1

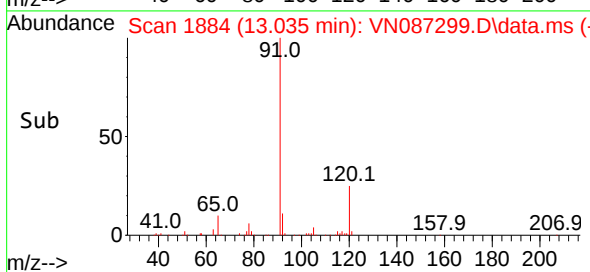
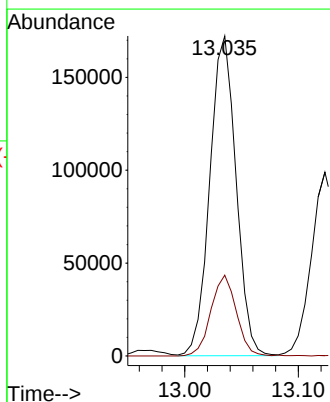
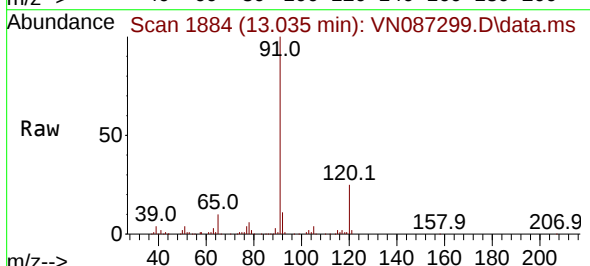
Manual Integrations
APPROVED

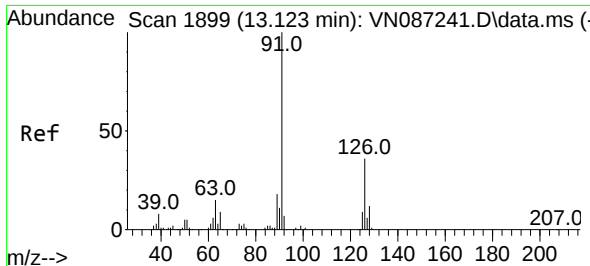
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#78
n-propylbenzene
Concen: 18.113 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

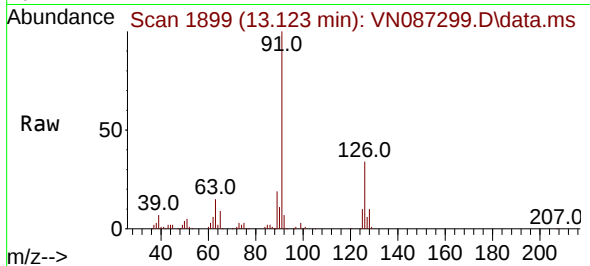
Tgt Ion: 91 Resp: 276583
Ion Ratio Lower Upper
91 100
120 24.6 12.0 36.0





#79
2-Chlorotoluene
Concen: 18.219 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

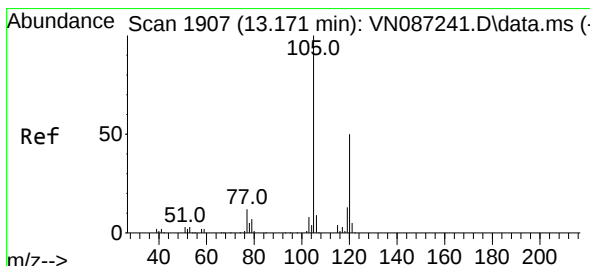
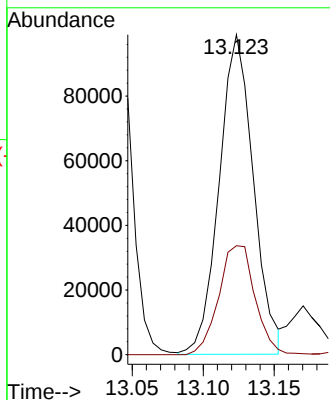
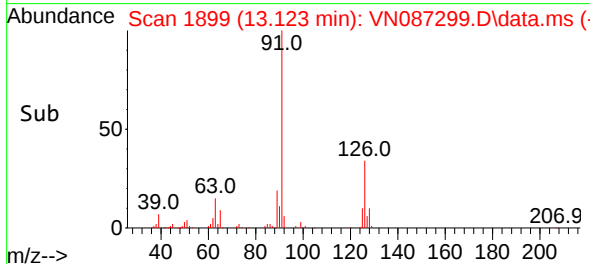
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



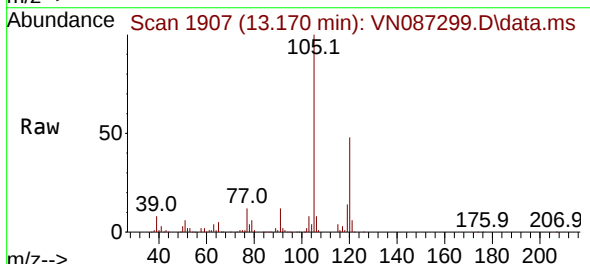
Tgt Ion: 91 Resp: 165570
Ion Ratio Lower Upper
91 100
126 36.4 17.8 53.3

Manual Integrations
APPROVED

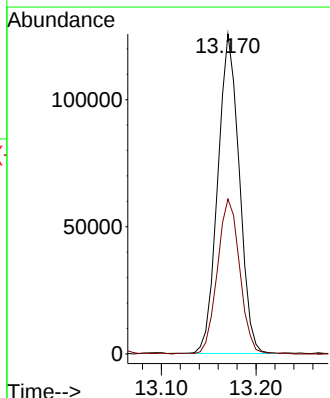
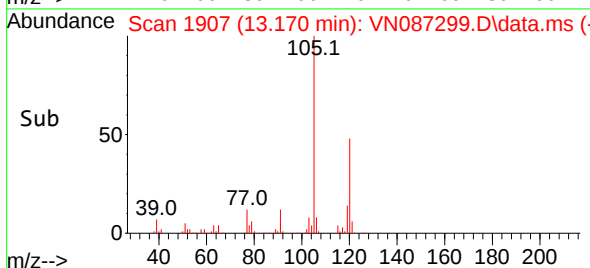
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

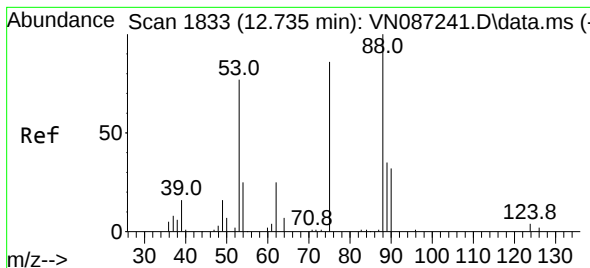


#80
1,3,5-Trimethylbenzene
Concen: 18.742 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15



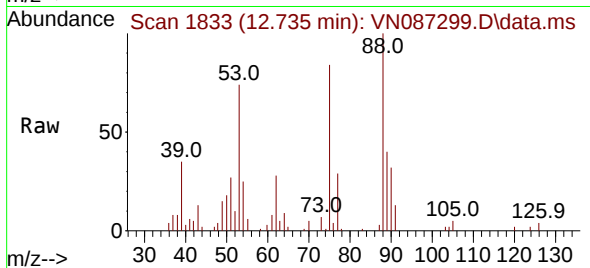
Tgt Ion:105 Resp: 198043
Ion Ratio Lower Upper
105 100
120 50.5 25.3 75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 18.068 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

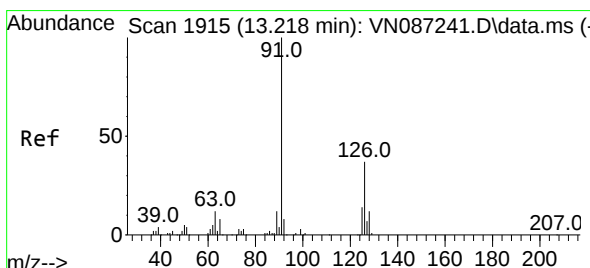
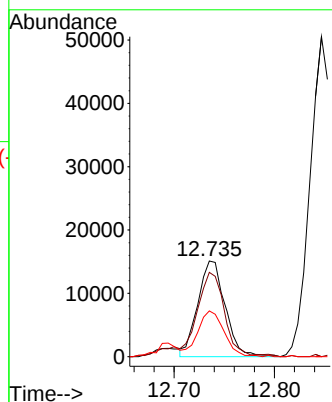
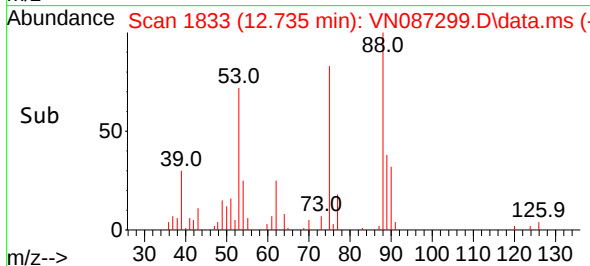
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



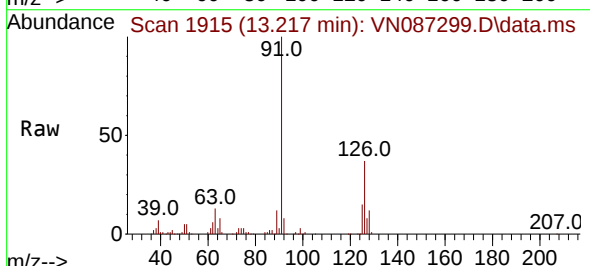
Tgt Ion: 75 Resp: 2870
Ion Ratio Lower Upper
75 100
53 95.0 70.6 105.8
89 46.1 36.1 54.1

Manual Integrations
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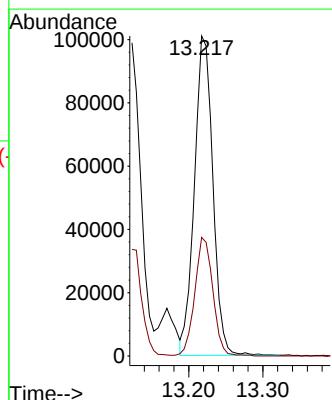
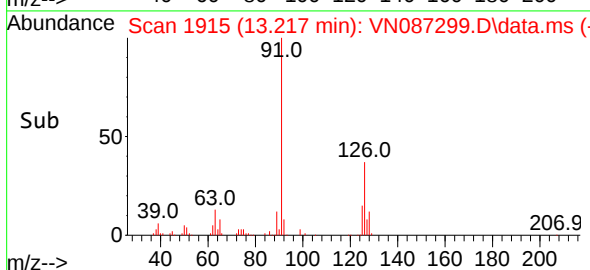
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

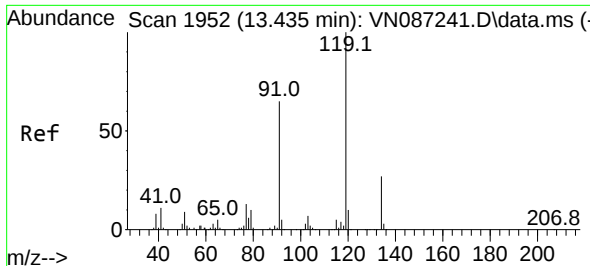


#82
4-Chlorotoluene
Concen: 18.355 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.001 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15



Tgt Ion: 91 Resp: 174617
Ion Ratio Lower Upper
91 100
126 36.5 18.2 54.6





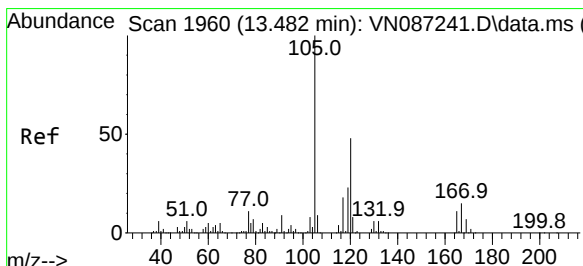
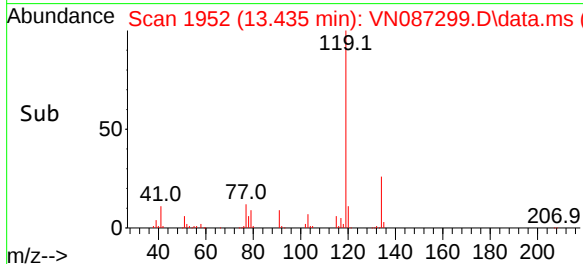
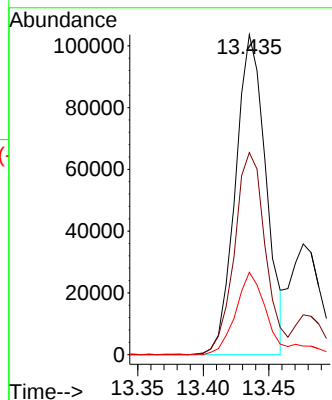
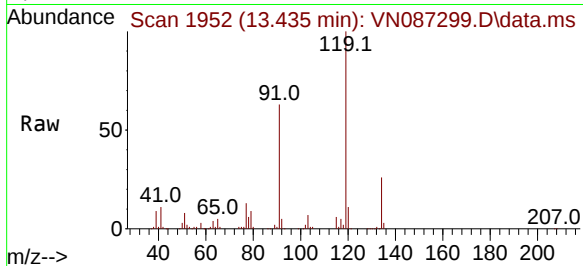
#83
tert-Butylbenzene
Concen: 18.125 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01

Tgt Ion:119 Resp: 16779
Ion Ratio Lower Upper
119 100
91 64.5 32.5 97.4
134 25.2 14.2 42.8

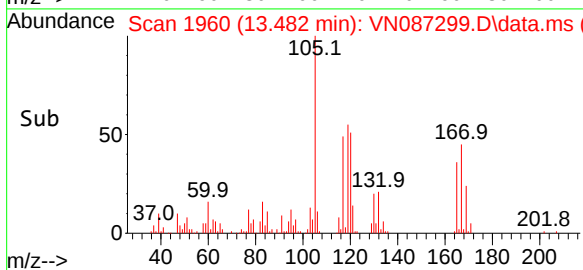
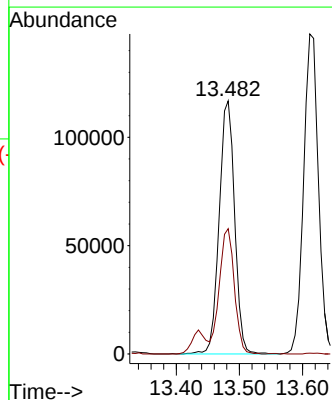
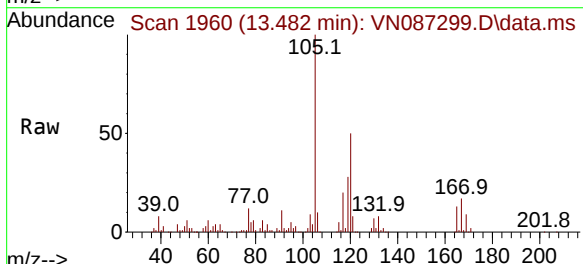
Manual Integrations
APPROVED

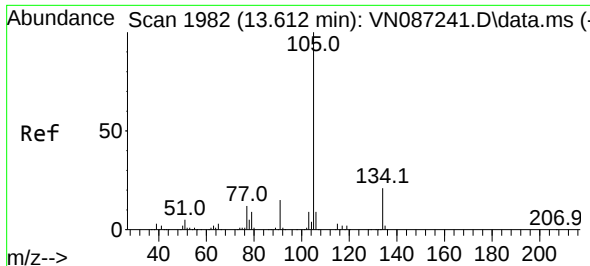
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#84
1,2,4-Trimethylbenzene
Concen: 18.729 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

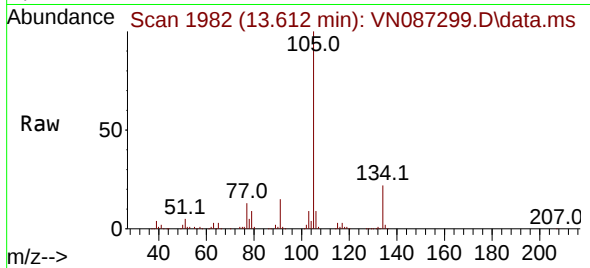
Tgt Ion:105 Resp: 198240
Ion Ratio Lower Upper
105 100
120 48.0 23.3 69.9





#85
 sec-Butylbenzene
 Concen: 18.338 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN087299.D
 Acq: 08 Jul 2025 15:15

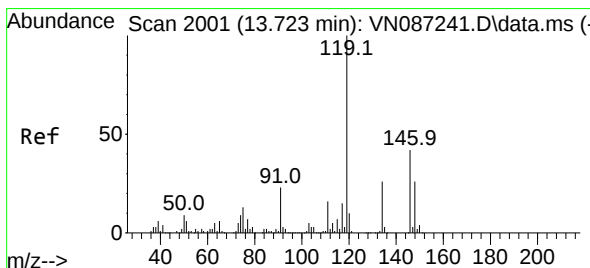
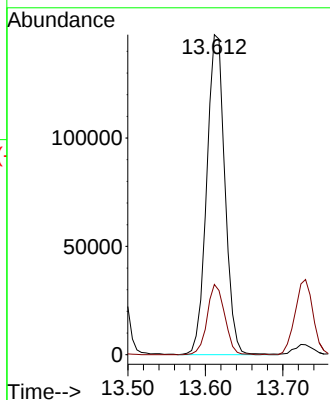
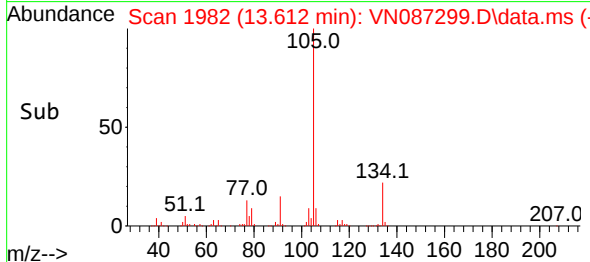
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708MBS01



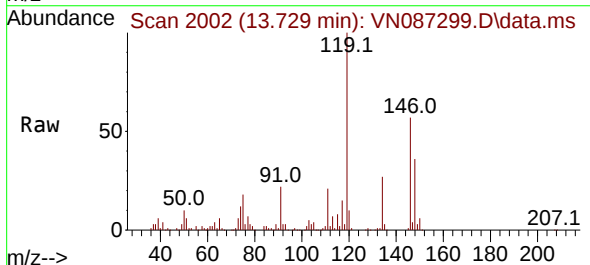
Tgt Ion:105 Resp: 240642
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.4

Manual Integrations
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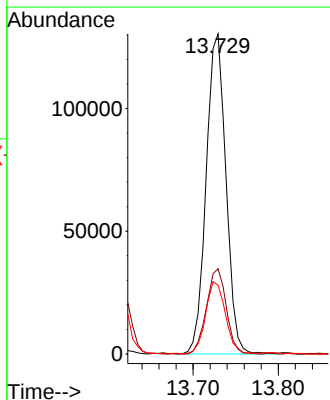
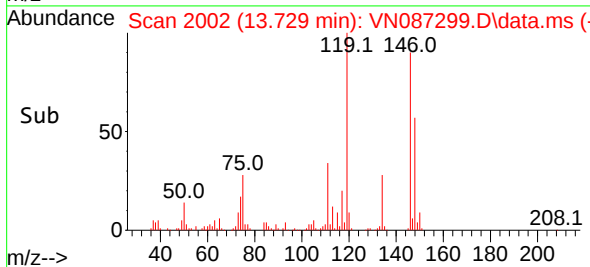
Reviewed By :John Carlone 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025

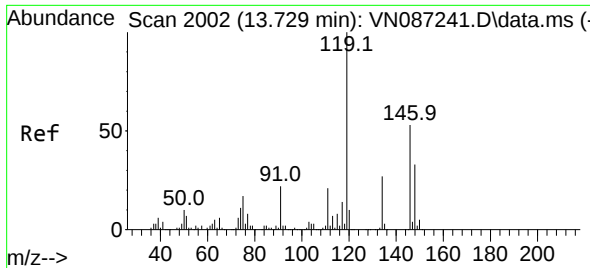


#86
 p-Isopropyltoluene
 Concen: 18.657 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN087299.D
 Acq: 08 Jul 2025 15:15



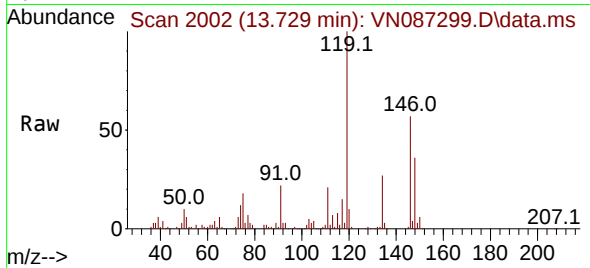
Tgt Ion:119 Resp: 210445
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 22.8 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 19.389 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

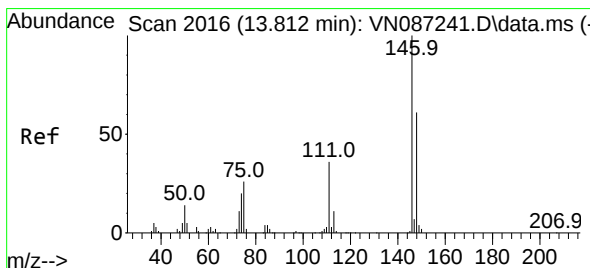
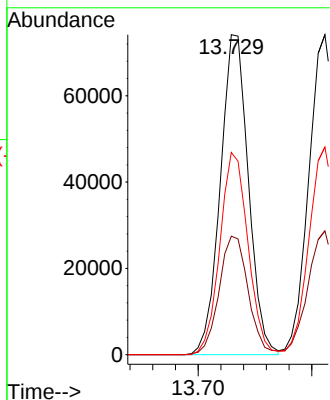
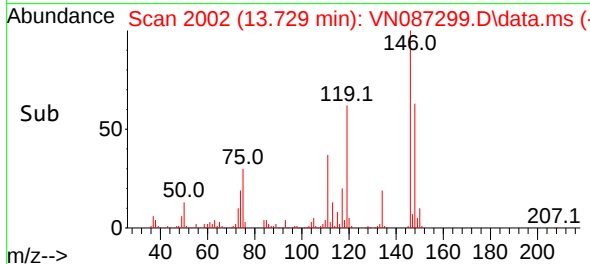
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



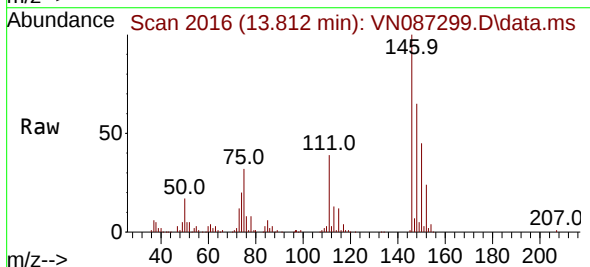
Tgt Ion:146 Resp: 12742
Ion Ratio Lower Upper
146 100
111 38.4 19.8 59.4
148 63.3 32.0 96.0

Manual Integrations
APPROVED

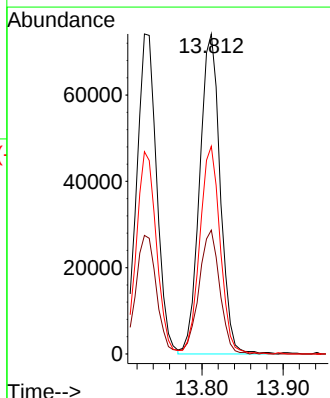
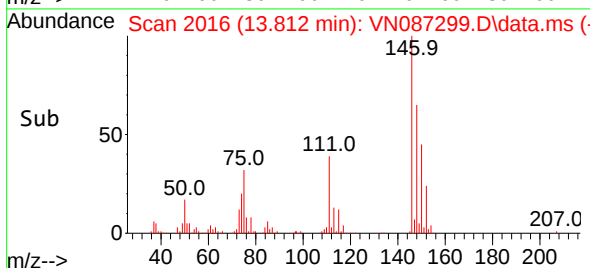
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

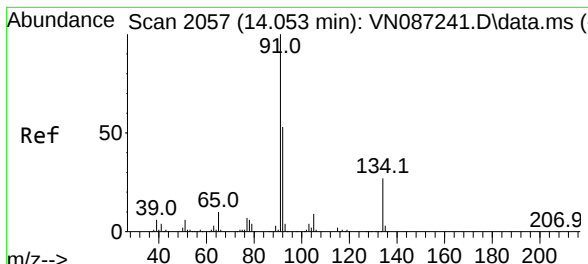


#88
1,4-Dichlorobenzene
Concen: 18.977 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15



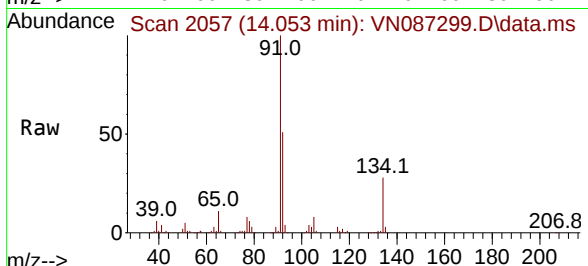
Tgt Ion:146 Resp: 130221
Ion Ratio Lower Upper
146 100
111 39.2 19.1 57.5
148 64.4 31.8 95.3





#89
n-Butylbenzene
Concen: 18.192 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

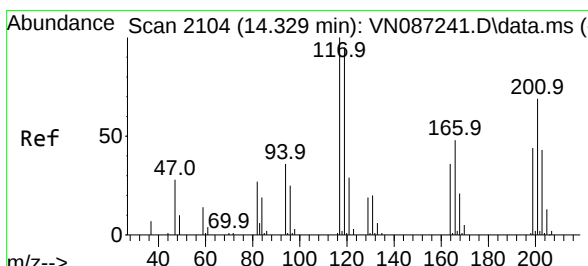
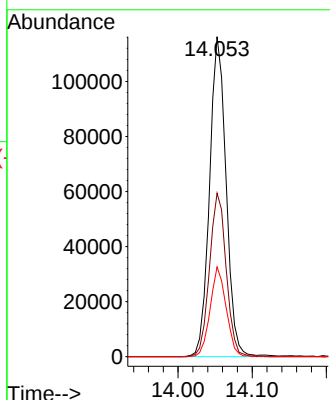
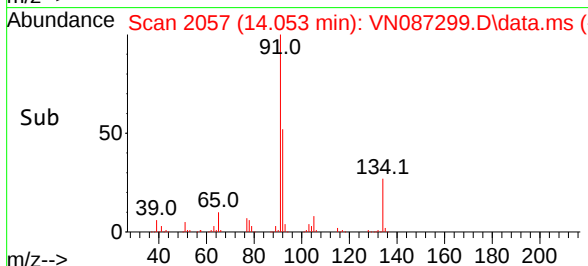
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBSD01



Tgt Ion: 91 Resp: 18066
Ion Ratio Lower Upper
91 100
92 51.4 26.7 80.0
134 27.1 13.7 41.1

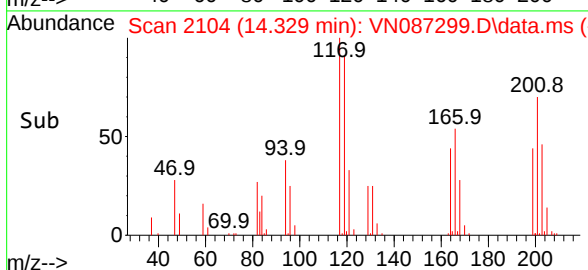
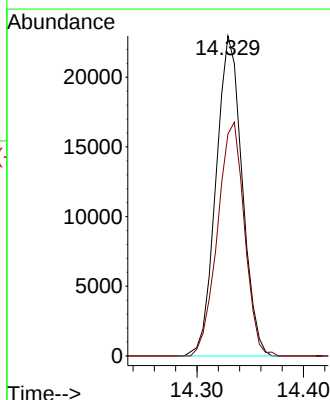
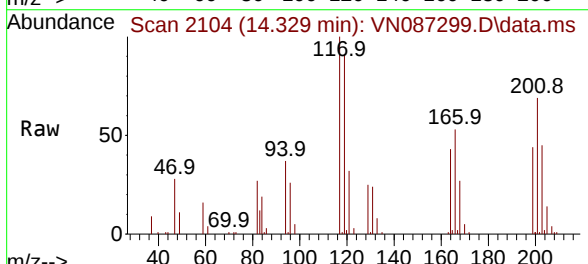
Manual Integrations
APPROVED

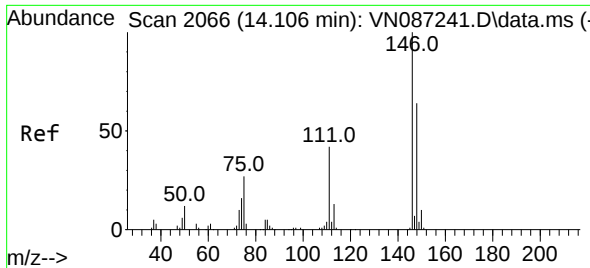
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#90
Hexachloroethane
Concen: 18.734 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

Tgt Ion:117 Resp: 39113
Ion Ratio Lower Upper
117 100
201 75.2 35.8 107.4





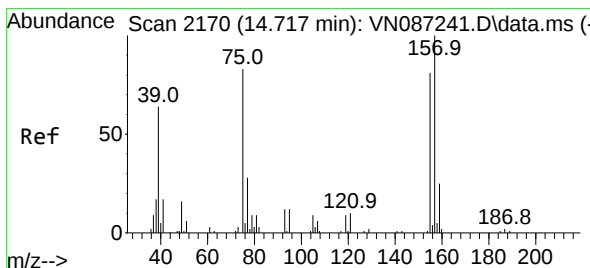
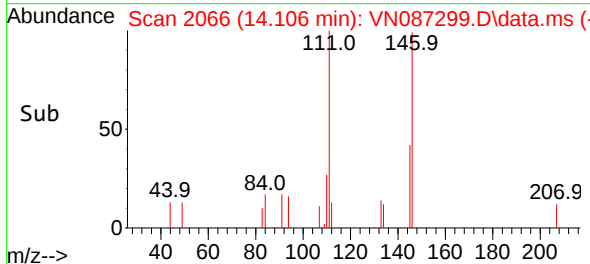
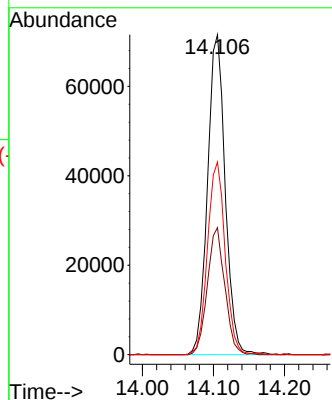
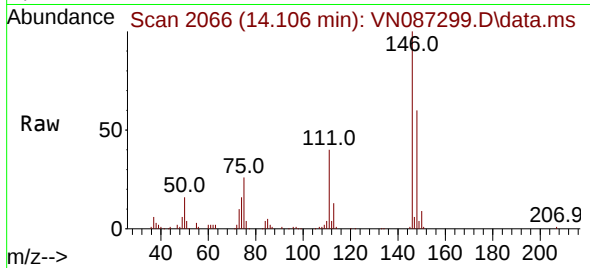
#91
1,2-Dichlorobenzene
Concen: 20.138 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01

Tgt Ion:146 Resp: 123768
Ion Ratio Lower Upper
146 100
111 39.3 20.5 61.6
148 60.5 31.4 94.3

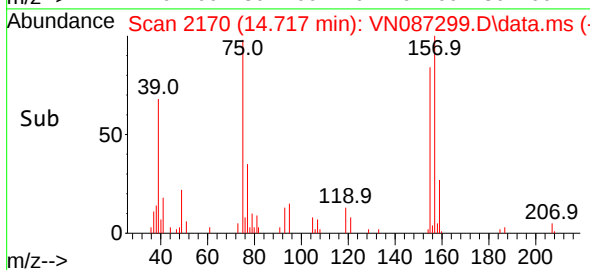
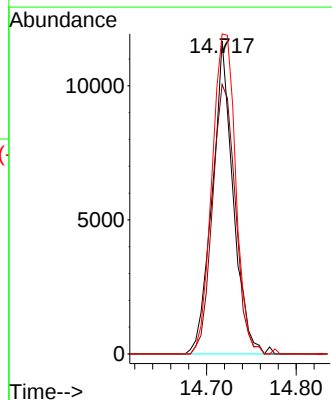
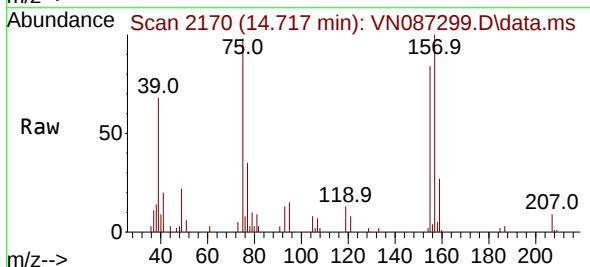
Manual Integrations
APPROVED

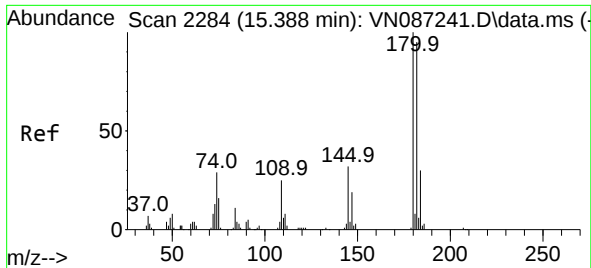
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.031 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

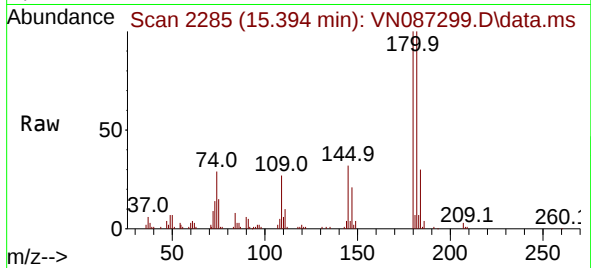
Tgt Ion: 75 Resp: 19017
Ion Ratio Lower Upper
75 100
155 93.6 46.8 140.3
157 115.1 58.1 174.4





#93
 1,2,4-Trichlorobenzene
 Concen: 18.416 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN087299.D
 Acq: 08 Jul 2025 15:15

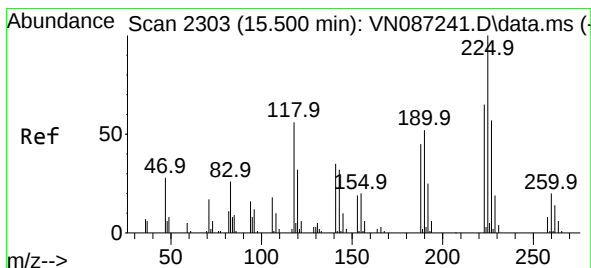
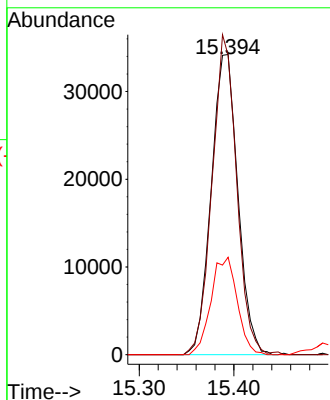
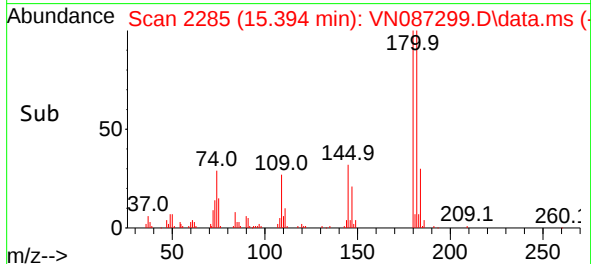
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708MBS01



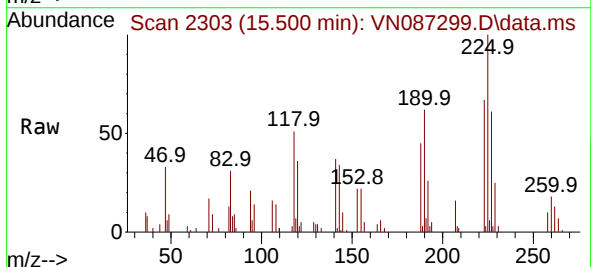
Tgt Ion:180 Resp: 66934
 Ion Ratio Lower Upper
 180 100
 182 98.1 48.0 144.0
 145 32.0 15.4 46.2

Manual Integrations
 APPROVED

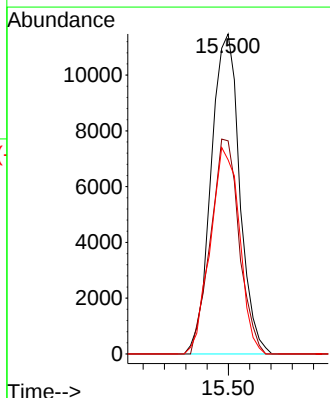
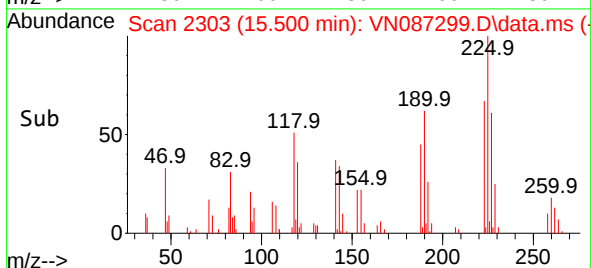
Reviewed By :John Carlone 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025

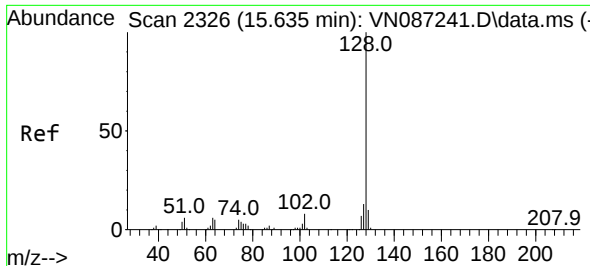


#94
 Hexachlorobutadiene
 Concen: 18.488 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN087299.D
 Acq: 08 Jul 2025 15:15



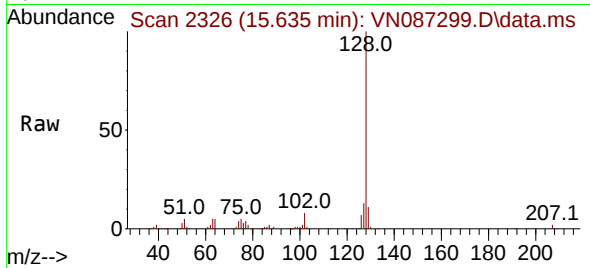
Tgt Ion:225 Resp: 21345
 Ion Ratio Lower Upper
 225 100
 223 67.5 33.5 100.4
 227 65.6 30.9 92.7





#95
Naphthalene
Concen: 18.575 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

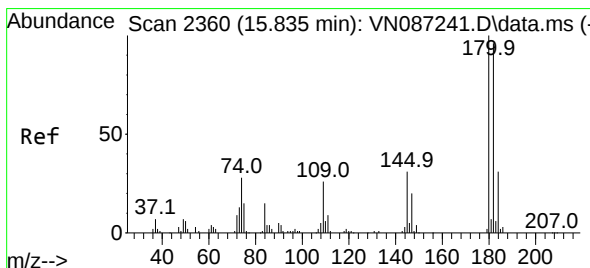
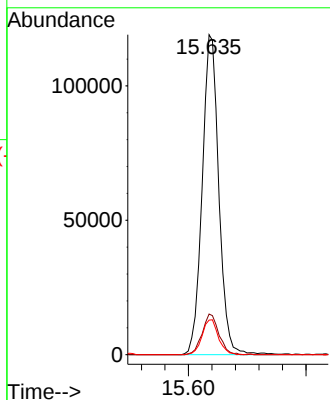
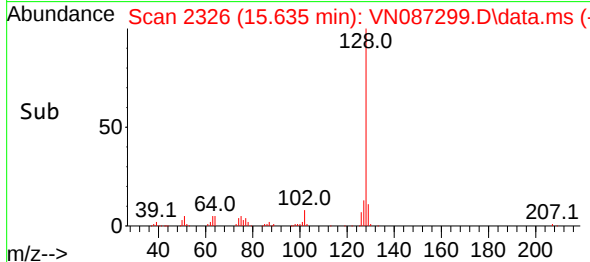
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBSD01



Tgt Ion:128 Resp: 23357
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.030 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087299.D
Acq: 08 Jul 2025 15:15

Tgt Ion:180 Resp: 67383
Ion Ratio Lower Upper
180 100
182 93.7 47.7 143.1
145 32.6 15.7 47.1

