

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
 Data File : VN085718.D
 Acq On : 10 Feb 2025 12:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 11 03:18:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	241607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	411898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	357680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	178725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	157875	40.480	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.960%		
35) Dibromofluoromethane	8.165	113	131308	45.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.900%		
50) Toluene-d8	10.565	98	465243	45.824	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.640%		
62) 4-Bromofluorobenzene	12.847	95	166462	47.930	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	192410	58.818	ug/l	98
3) Chloromethane	2.359	50	181673	51.292	ug/l	100
4) Vinyl Chloride	2.512	62	195589	54.939	ug/l	100
5) Bromomethane	2.948	94	122027	56.744	ug/l	100
6) Chloroethane	3.118	64	119049	52.745	ug/l	99
7) Trichlorofluoromethane	3.495	101	270810	52.425	ug/l	96
8) Diethyl Ether	3.959	74	91559	51.307	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	155660	53.501	ug/l	97
10) Methyl Iodide	4.589	142	203473	61.069	ug/l	96
11) Tert butyl alcohol	5.512	59	114710	256.863	ug/l	99
12) 1,1-Dichloroethene	4.336	96	146443	56.476	ug/l	92
13) Acrolein	4.177	56	139038	228.072	ug/l	100
14) Allyl chloride	5.018	41	193504	45.989	ug/l	95
15) Acrylonitrile	5.712	53	355596	250.688	ug/l	100
16) Acetone	4.424	43	276269	219.237	ug/l	98
17) Carbon Disulfide	4.712	76	427663	53.566	ug/l	99
18) Methyl Acetate	5.018	43	176790	46.137	ug/l	94
19) Methyl tert-butyl Ether	5.789	73	470925	55.931	ug/l	97
20) Methylene Chloride	5.271	84	164787	52.824	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	155667	56.174	ug/l	93
22) Diisopropyl ether	6.665	45	462658	49.540	ug/l	96
23) Vinyl Acetate	6.600	43	1688980	258.421	ug/l	96
24) 1,1-Dichloroethane	6.565	63	291144	51.127	ug/l	99
25) 2-Butanone	7.477	43	438213	236.309	ug/l	93
26) 2,2-Dichloropropane	7.488	77	261553	56.810	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	182906	56.038	ug/l	93
28) Bromochloromethane	7.812	49	110911	41.864	ug/l	86
29) Tetrahydrofuran	7.835	42	295924	251.701	ug/l	91
30) Chloroform	7.959	83	298754	50.761	ug/l	99
31) Cyclohexane	8.253	56	234592	47.397	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	269415	52.186	ug/l	95
36) 1,1-Dichloropropene	8.365	75	211667	52.778	ug/l	99
37) Ethyl Acetate	7.553	43	181473	44.830	ug/l #	95
38) Carbon Tetrachloride	8.359	117	240761	52.438	ug/l	99
39) Methylcyclohexane	9.600	83	213394	56.623	ug/l	98
40) Benzene	8.600	78	650627	53.993	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	98861	46.941	ug/l	93
42) 1,2-Dichloroethane	8.665	62	221021	48.699	ug/l	98
43) Isopropyl Acetate	8.682	43	318250	49.064	ug/l	96
44) Trichloroethene	9.353	130	153175	54.607	ug/l	98
45) 1,2-Dichloropropane	9.618	63	155167	50.412	ug/l	99
46) Dibromomethane	9.706	93	112504	50.656	ug/l	95
47) Bromodichloromethane	9.882	83	237704	52.534	ug/l	99
48) Methyl methacrylate	9.677	41	145329	49.787	ug/l	91
49) 1,4-Dioxane	9.688	88	54097	1100.520	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	919856	244.385	ug/l	93
52) Toluene	10.624	92	400834	57.408	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	239629	56.040	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	259548	56.825	ug/l	91
55) 1,1,2-Trichloroethane	11.012	97	148967	53.911	ug/l	98
56) Ethyl methacrylate	10.871	69	230843	49.609	ug/l #	89
57) 1,3-Dichloropropane	11.159	76	259008	53.908	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	541567	308.848	ug/l	97
59) 2-Hexanone	11.194	43	670291	253.089	ug/l	92
60) Dibromochloromethane	11.353	129	181993	54.555	ug/l	99
61) 1,2-Dibromoethane	11.465	107	144770	52.634	ug/l	97
64) Tetrachloroethene	11.100	164	140272	57.525	ug/l	99
65) Chlorobenzene	11.888	112	432562	55.205	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	154927	53.873	ug/l	99
67) Ethyl Benzene	11.959	91	752758	58.984	ug/l	99
68) m/p-Xylenes	12.070	106	583434	123.696	ug/l	96
69) o-Xylene	12.394	106	277750	61.619	ug/l	96
70) Styrene	12.406	104	467336	62.646	ug/l	98
71) Bromoform	12.576	173	119067	57.864	ug/l #	99
73) Isopropylbenzene	12.694	105	686662	56.926	ug/l	98
74) N-amyl acetate	12.488	43	262954	48.499	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	212558	49.885	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	192569m	53.011	ug/l	
77) Bromobenzene	12.976	156	171642	54.464	ug/l	96
78) n-propylbenzene	13.029	91	814210	57.018	ug/l	98
79) 2-Chlorotoluene	13.123	91	504774	54.618	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	585555	58.769	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	76460	56.947	ug/l	90
82) 4-Chlorotoluene	13.217	91	508244	55.232	ug/l	97
83) tert-Butylbenzene	13.435	119	476539	56.953	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	593942	59.810	ug/l	99
85) sec-Butylbenzene	13.612	105	673470	58.074	ug/l	99
86) p-Isopropyltoluene	13.723	119	564266	53.564	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	318256	54.836	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	313432	52.102	ug/l	98
89) n-Butylbenzene	14.053	91	469527	56.437	ug/l	99
90) Hexachloroethane	14.329	117	111568	50.537	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	306268	52.904	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	39090	50.239	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	148670	55.254	ug/l	99
94) Hexachlorobutadiene	15.494	225	72416	50.694	ug/l	97
95) Naphthalene	15.635	128	453973	56.542	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	146543	53.826	ug/l	100

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VSTDCCC050

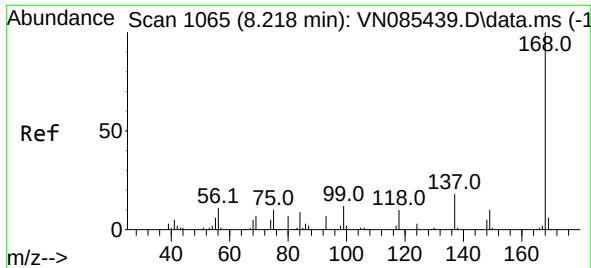
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

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Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

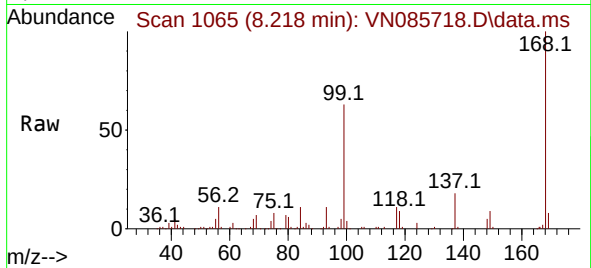
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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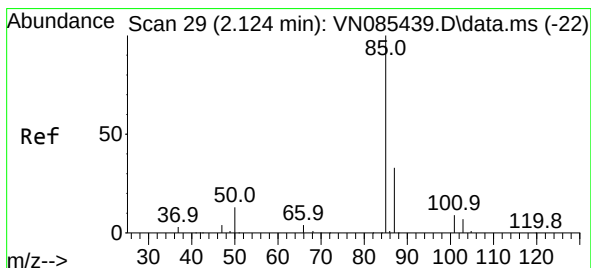
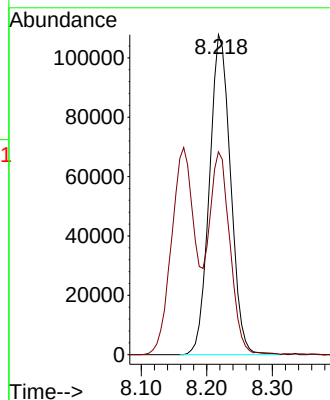
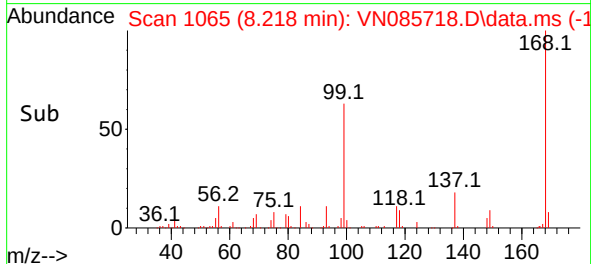
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 24160
Ion Ratio Lower Upper
168 100
99 63.2 53.6 80.4

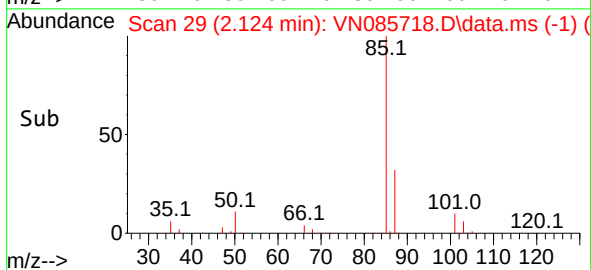
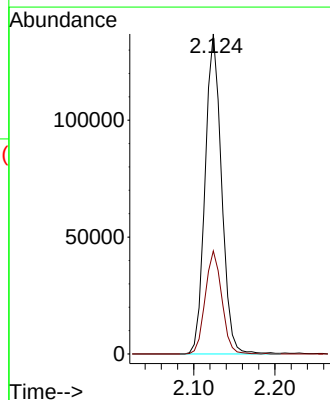
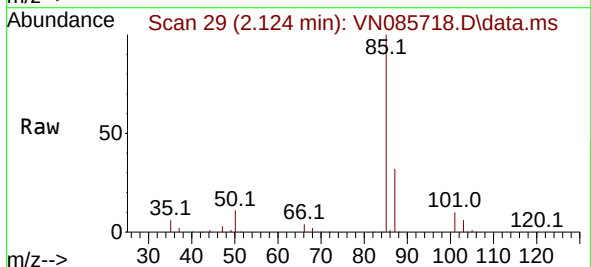
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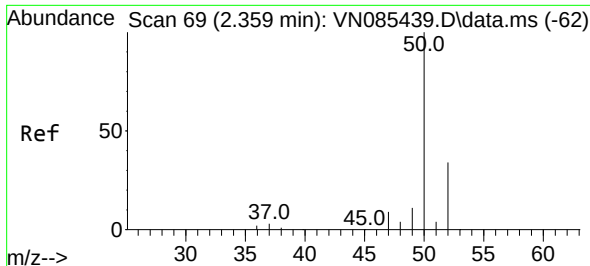
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#2
Dichlorodifluoromethane
Concen: 58.818 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

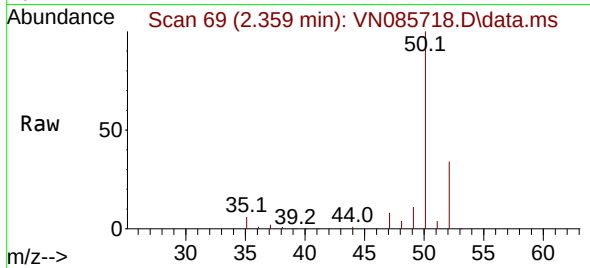
Tgt Ion: 85 Resp: 192410
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.1





#3
Chloromethane
Concen: 51.292 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

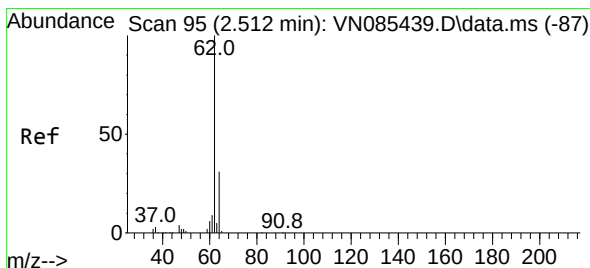
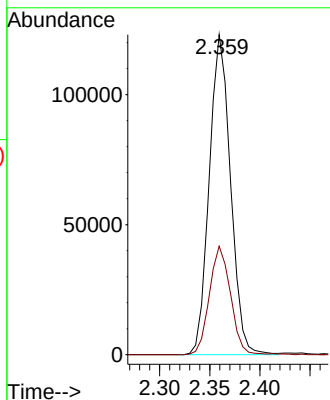
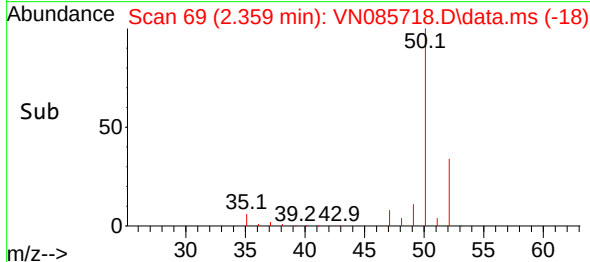
Instrument :
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Tgt Ion: 50 Resp: 18167
Ion Ratio Lower Upper
50 100
52 33.9 27.0 40.6

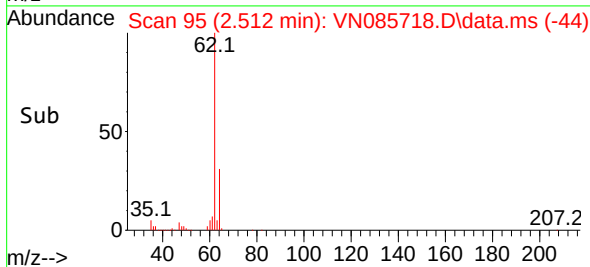
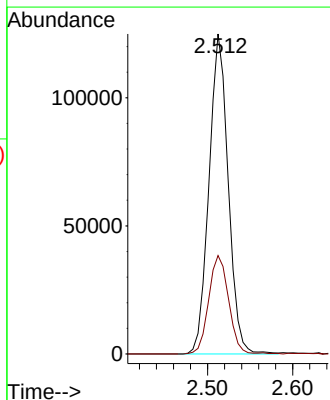
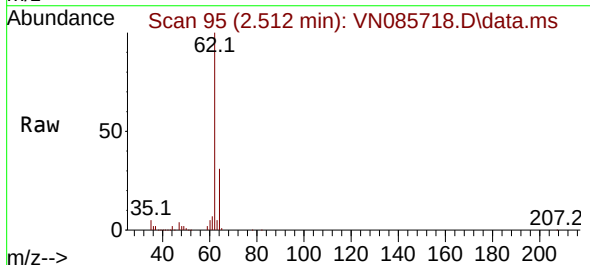
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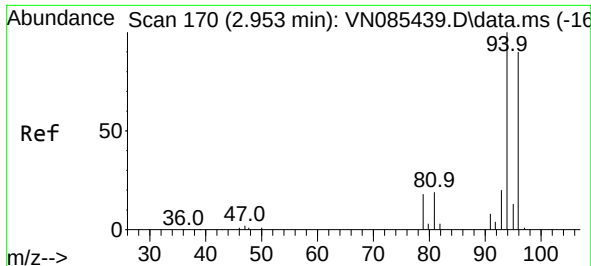
Reviewed By :John Carlone 02/11/2025
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#4
Vinyl Chloride
Concen: 54.939 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

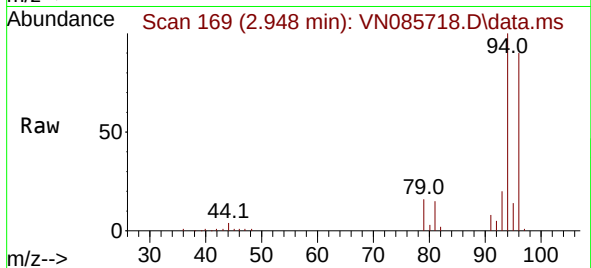
Tgt Ion: 62 Resp: 195589
Ion Ratio Lower Upper
62 100
64 30.8 24.8 37.2





#5
Bromomethane
Concen: 56.744 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

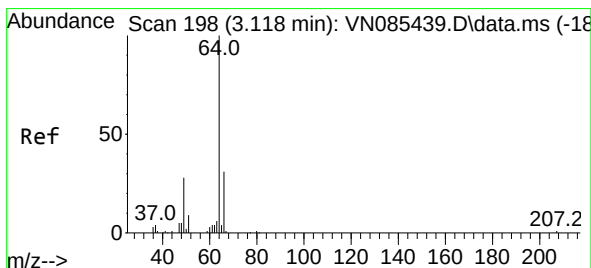
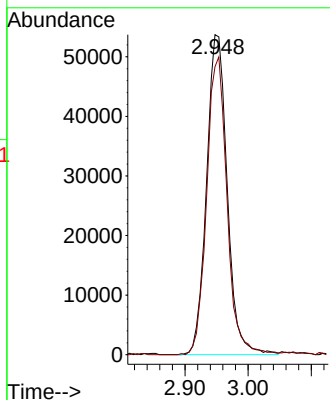
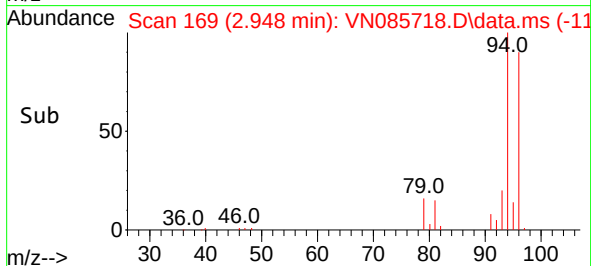
Instrument :
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Tgt Ion: 94 Resp: 12202
Ion Ratio Lower Upper
94 100
96 90.0 71.8 107.6

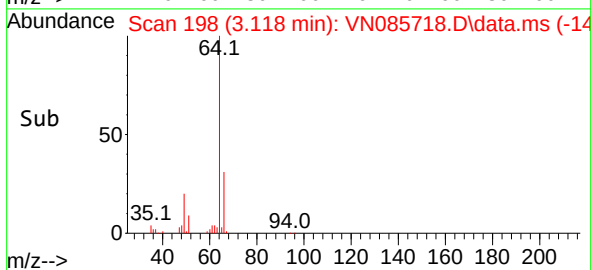
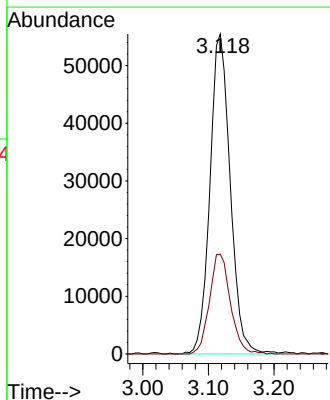
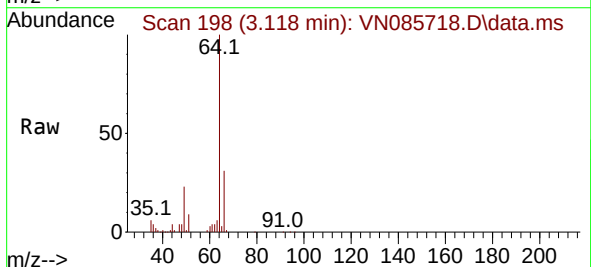
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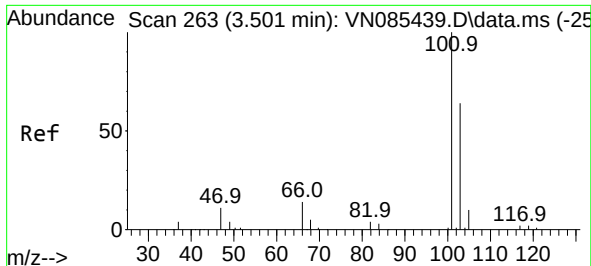
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#6
Chloroethane
Concen: 52.745 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN085718.D
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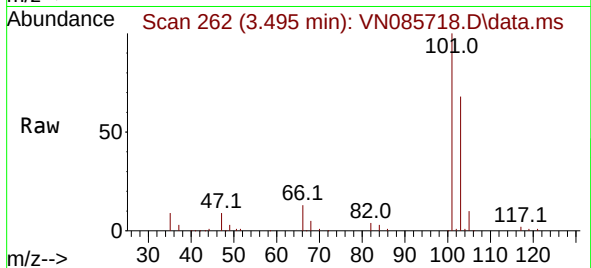
Tgt Ion: 64 Resp: 119049
Ion Ratio Lower Upper
64 100
66 31.2 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 52.425 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN085718.D
 Acq: 10 Feb 2025 12:12

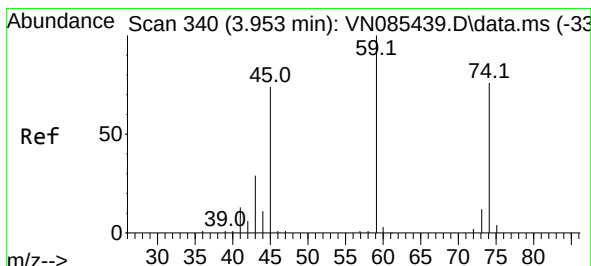
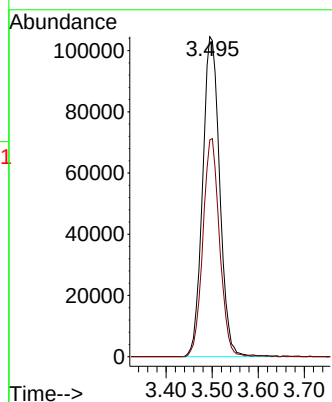
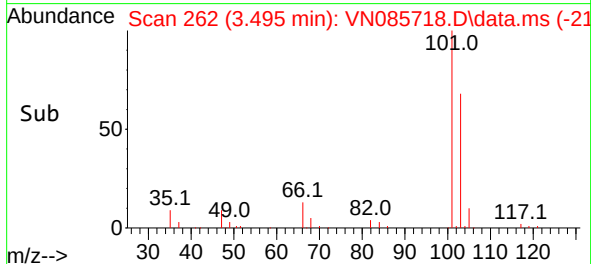
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 270810
 Ion Ratio Lower Upper
 101 100
 103 67.8 51.4 77.2

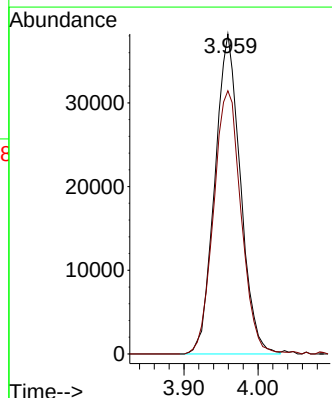
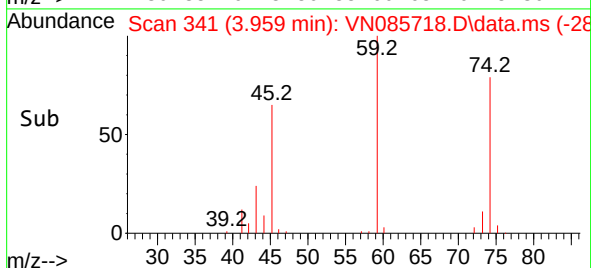
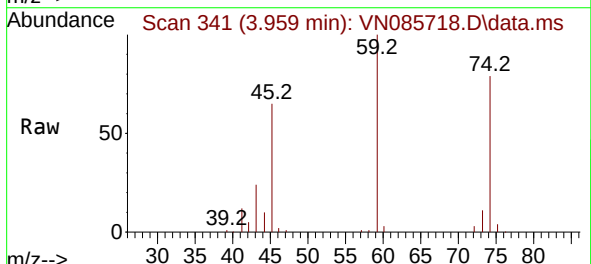
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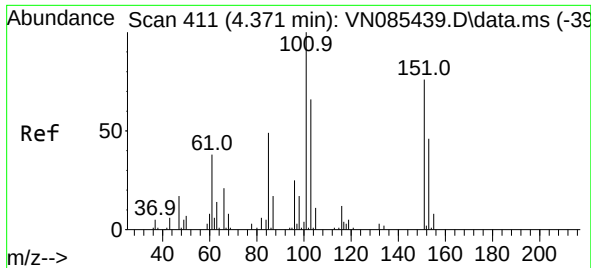
Reviewed By :John Carlone 02/11/2025
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#8
 Diethyl Ether
 Concen: 51.307 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 91559
 Ion Ratio Lower Upper
 74 100
 45 88.6 49.7 149.1





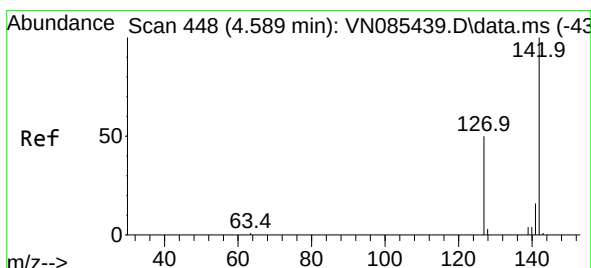
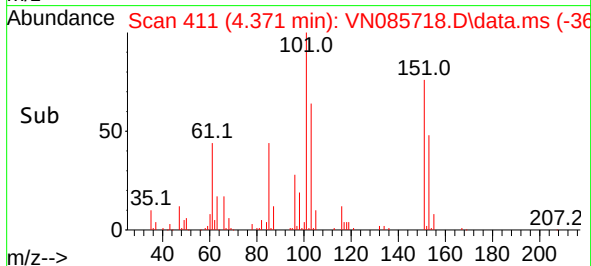
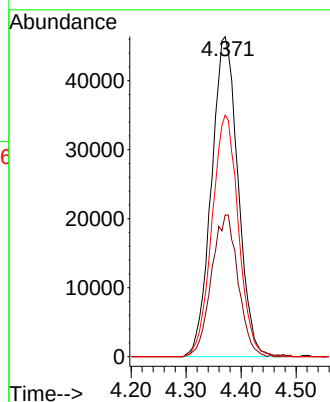
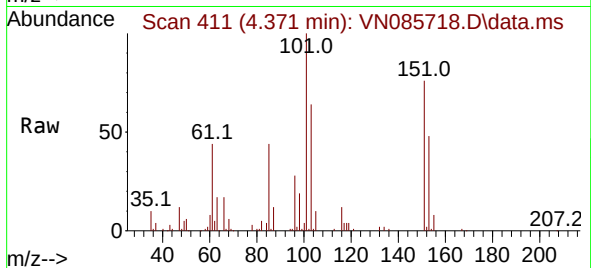
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.501 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 155660
Ion Ratio Lower Upper
101 100
85 44.4 37.8 56.8
151 74.9 58.8 88.2

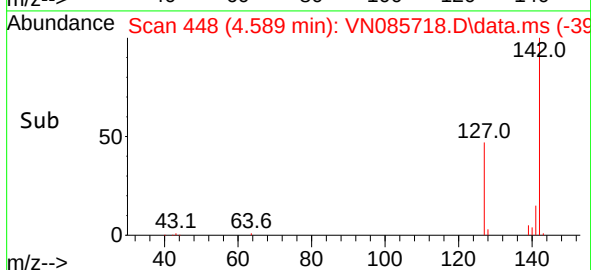
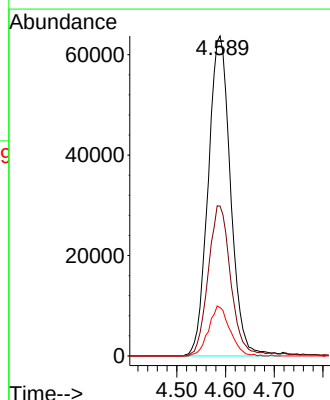
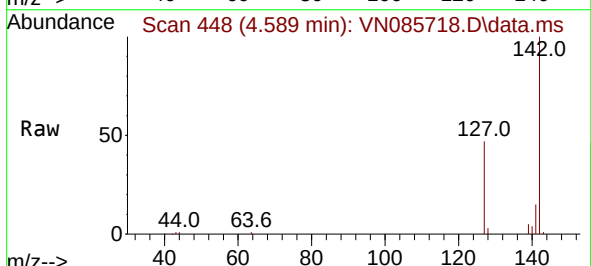
Manual Integrations
APPROVED

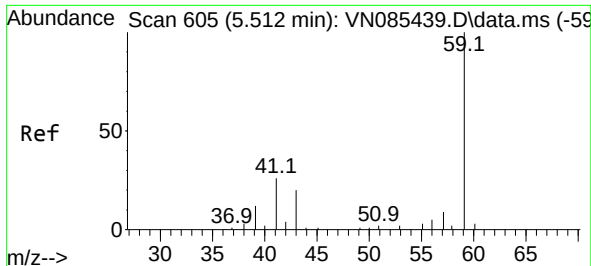
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#10
Methyl Iodide
Concen: 61.069 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

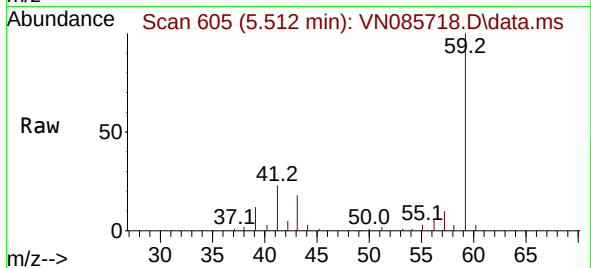
Tgt Ion:142 Resp: 203473
Ion Ratio Lower Upper
142 100
127 46.9 40.3 60.5
141 15.1 12.8 19.2





#11
Tert butyl alcohol
Concen: 256.863 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

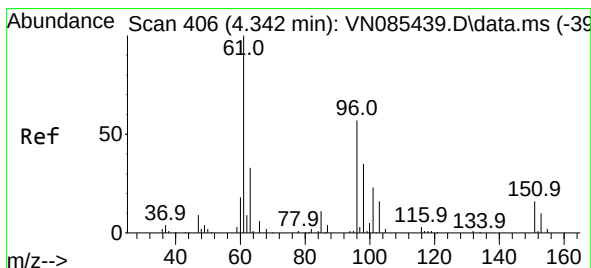
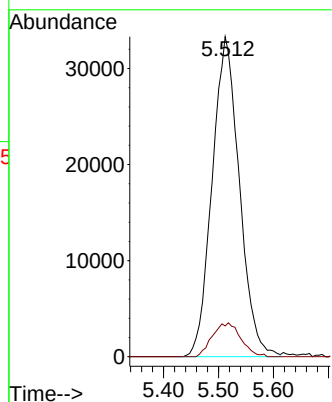
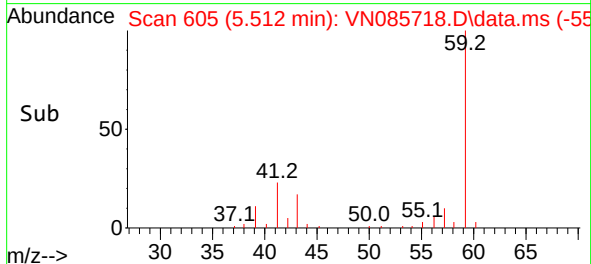
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



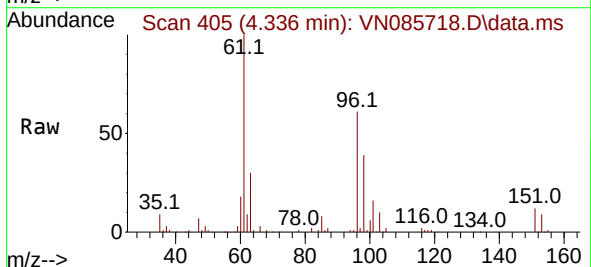
Tgt Ion: 59 Resp: 114710
Ion Ratio Lower Upper
59 100
57 11.0 8.6 13.0

Manual Integrations
APPROVED

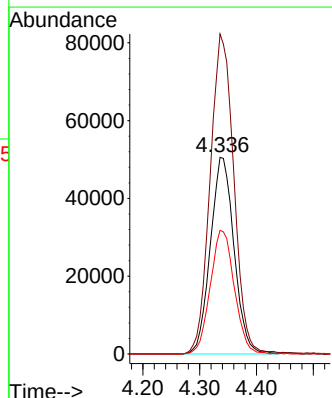
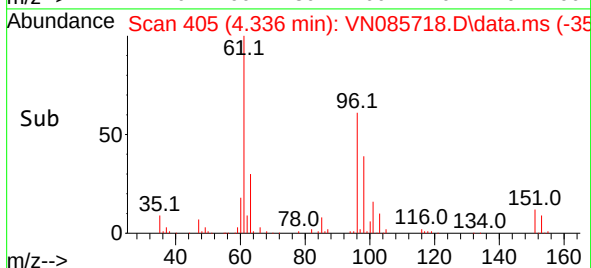
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

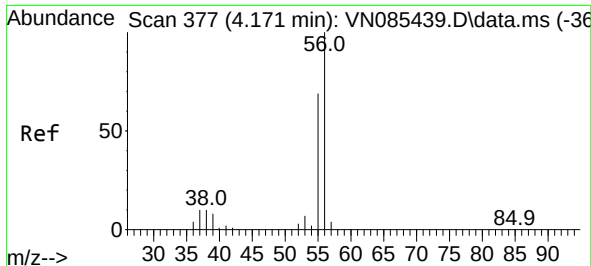


#12
1,1-Dichloroethene
Concen: 56.476 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12



Tgt Ion: 96 Resp: 146443
Ion Ratio Lower Upper
96 100
61 162.7 141.0 211.4
98 62.9 49.0 73.6





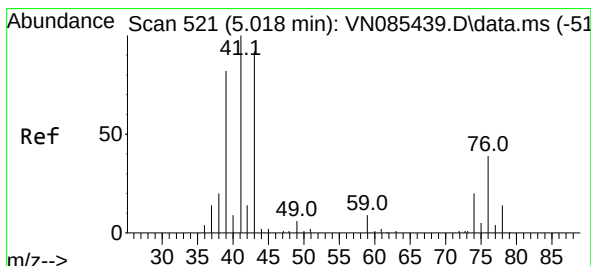
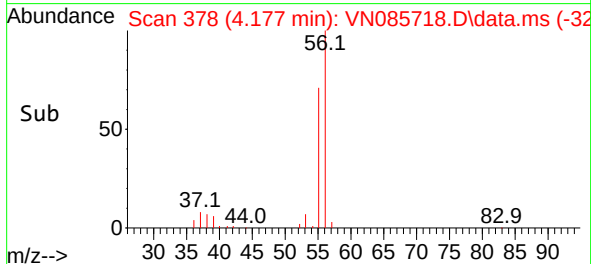
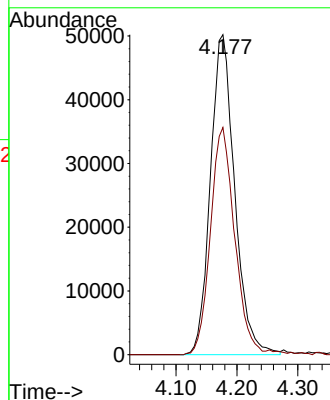
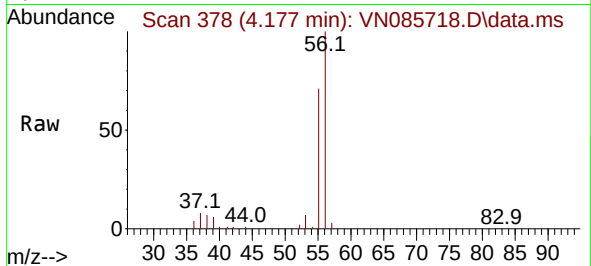
#13
Acrolein
Concen: 228.072 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 139038
Ion Ratio Lower Upper
56 100
55 70.6 56.3 84.5

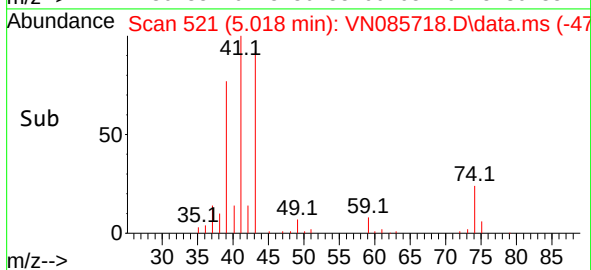
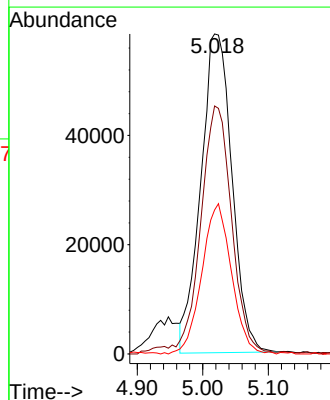
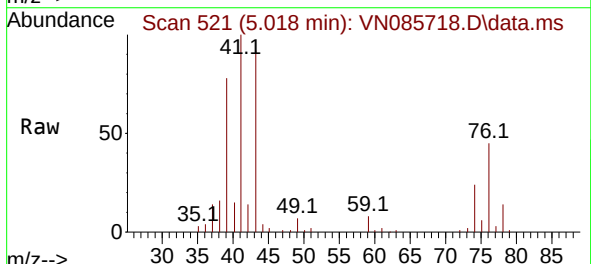
Manual Integrations
APPROVED

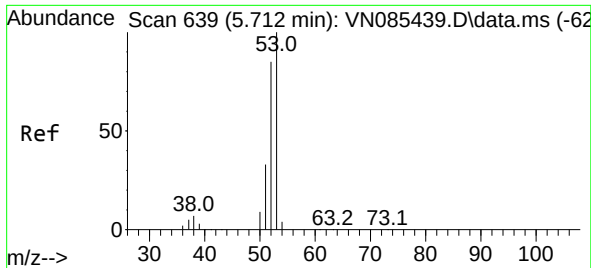
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#14
Allyl chloride
Concen: 45.989 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

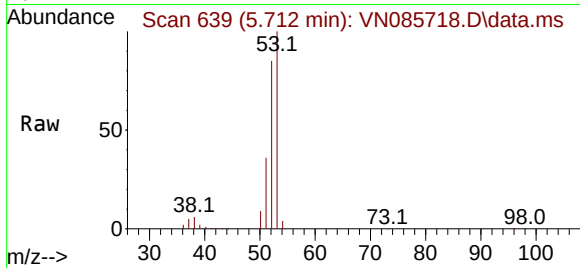
Tgt Ion: 41 Resp: 193504
Ion Ratio Lower Upper
41 100
39 78.1 64.4 96.6
76 44.8 30.5 45.7





#15
Acrylonitrile
Concen: 250.688 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

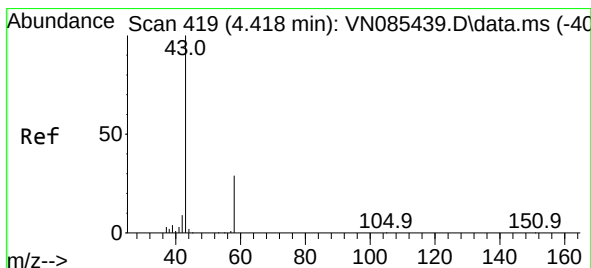
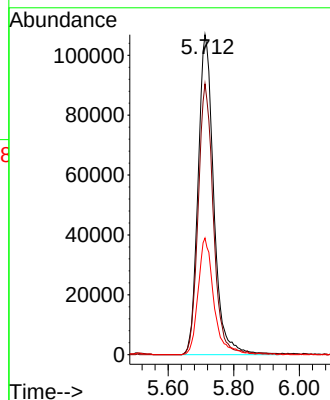
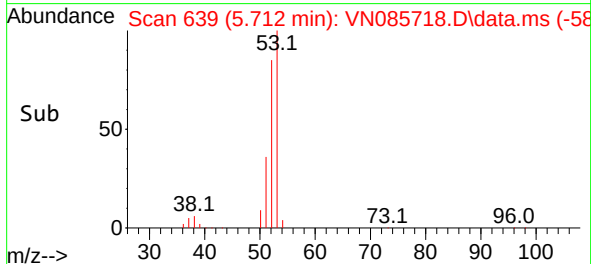
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



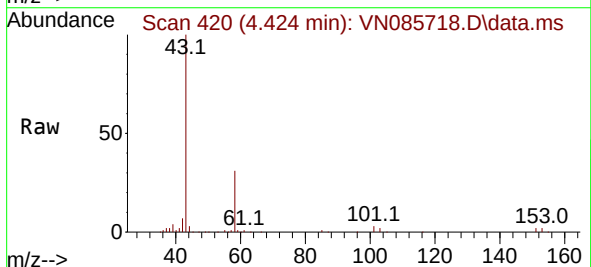
Tgt Ion: 53 Resp: 355590
Ion Ratio Lower Upper
53 100
52 82.0 65.5 98.3
51 36.6 29.8 44.8

Manual Integrations
APPROVED

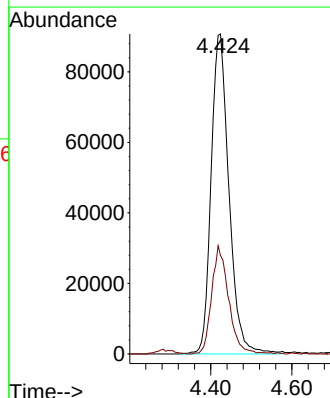
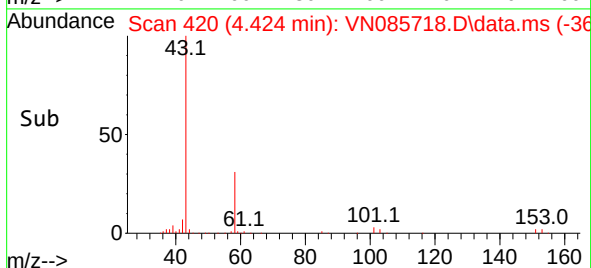
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

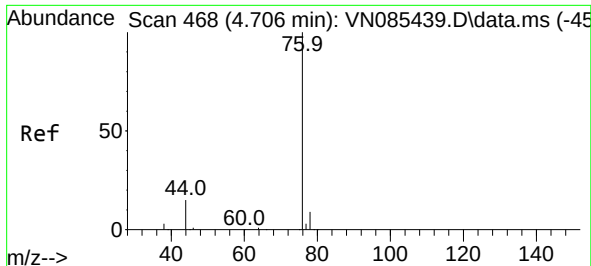


#16
Acetone
Concen: 219.237 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12



Tgt Ion: 43 Resp: 276269
Ion Ratio Lower Upper
43 100
58 30.6 23.8 35.6





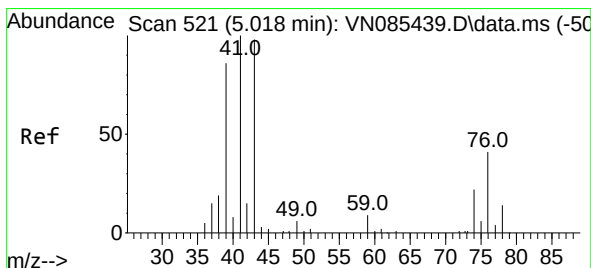
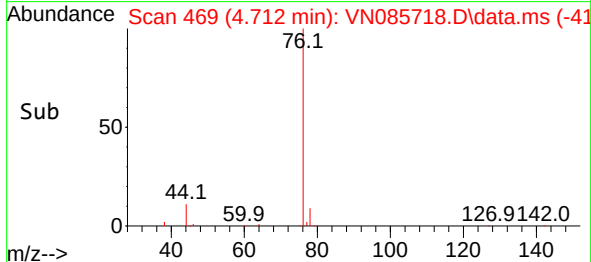
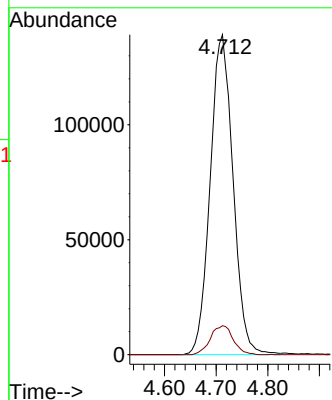
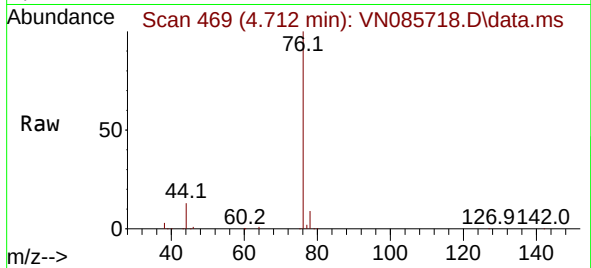
#17
Carbon Disulfide
Concen: 53.566 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 42766
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3

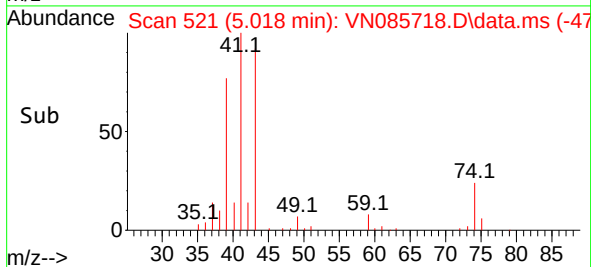
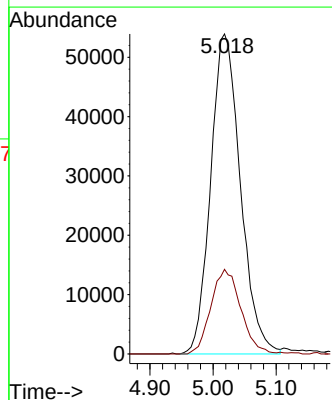
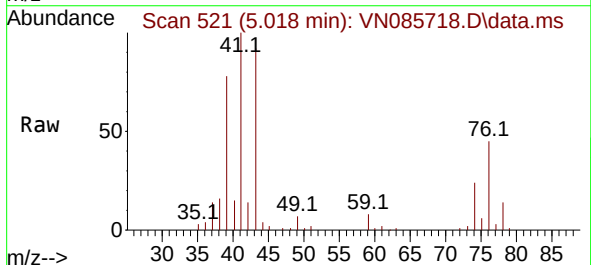
Manual Integrations
APPROVED

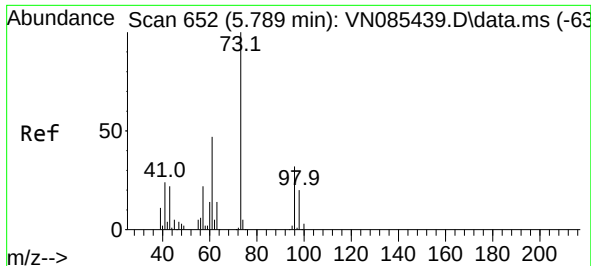
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#18
Methyl Acetate
Concen: 46.137 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

Tgt Ion: 43 Resp: 176790
Ion Ratio Lower Upper
43 100
74 26.4 18.6 28.0





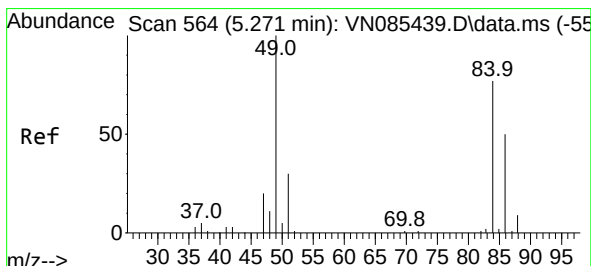
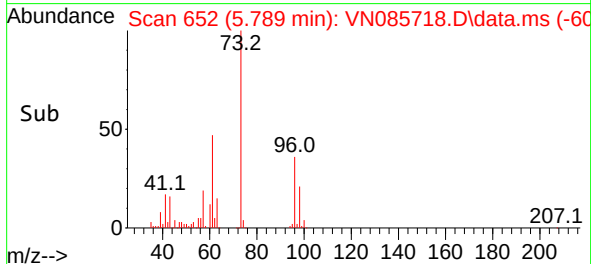
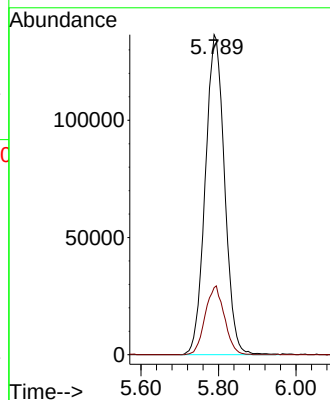
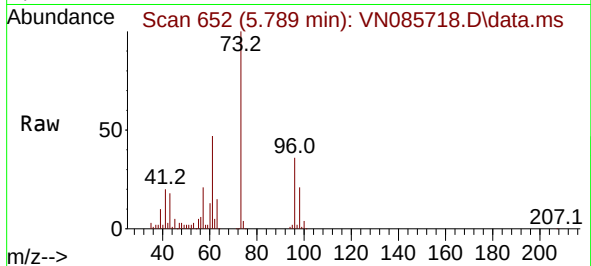
#19
Methyl tert-butyl Ether
Concen: 55.931 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 470925
Ion Ratio Lower Upper
73 100
57 21.0 17.8 26.8

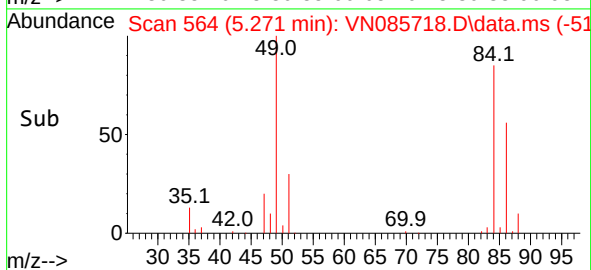
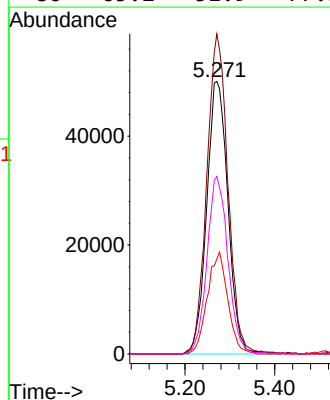
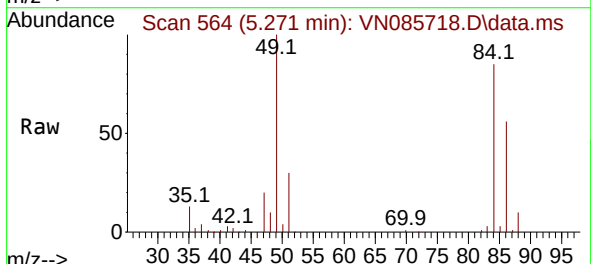
Manual Integrations
APPROVED

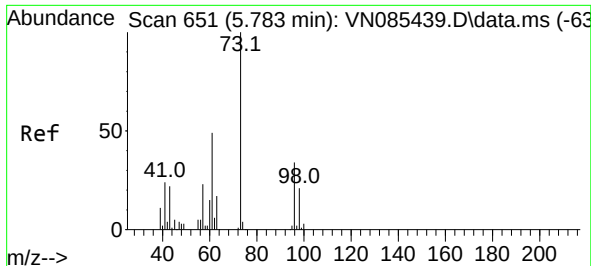
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#20
Methylene Chloride
Concen: 52.824 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

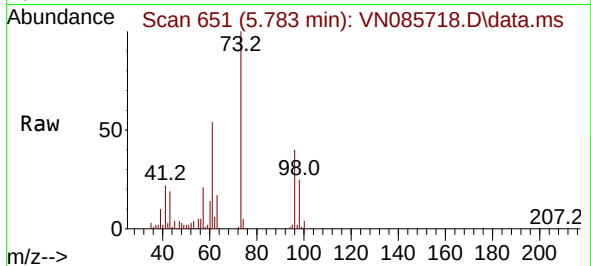
Tgt Ion: 84 Resp: 164787
Ion Ratio Lower Upper
84 100
49 117.4 104.1 156.1
51 34.8 31.0 46.4
86 65.2 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 56.174 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

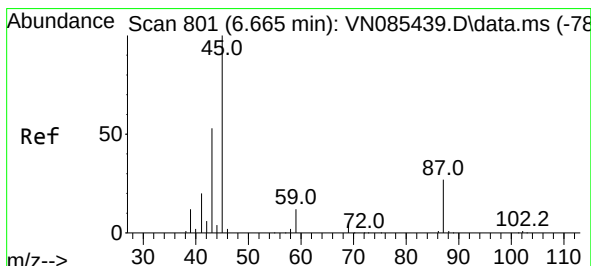
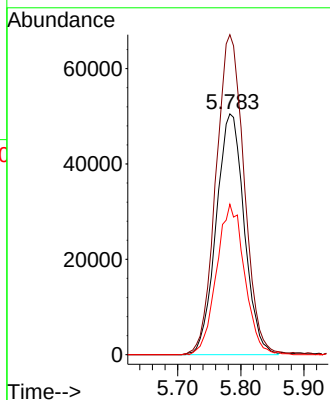
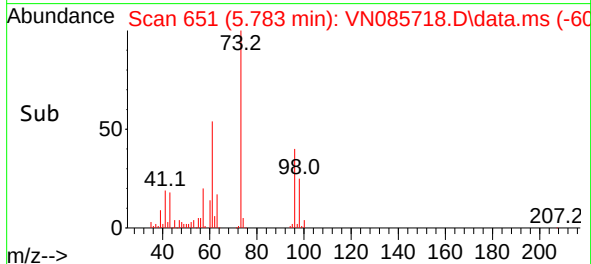
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



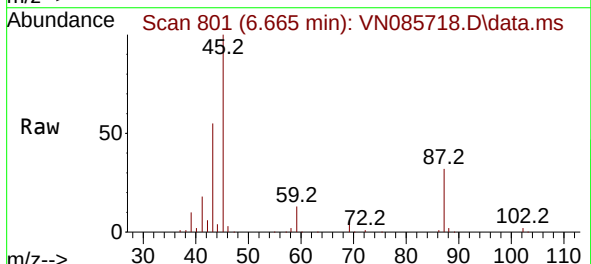
Tgt Ion: 96 Resp: 15566
Ion Ratio Lower Upper
96 100
61 132.9 115.7 173.5
98 62.5 49.8 74.8

Manual Integrations
APPROVED

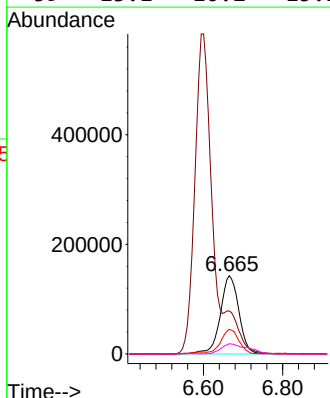
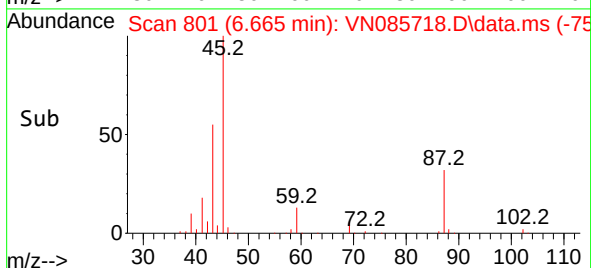
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

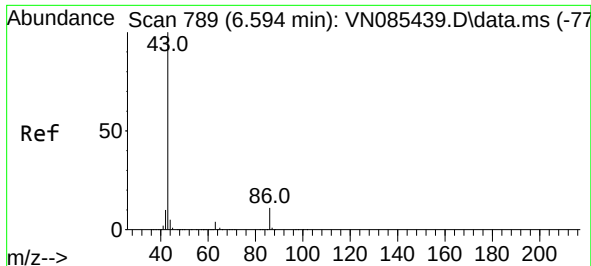


#22
Diisopropyl ether
Concen: 49.540 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12



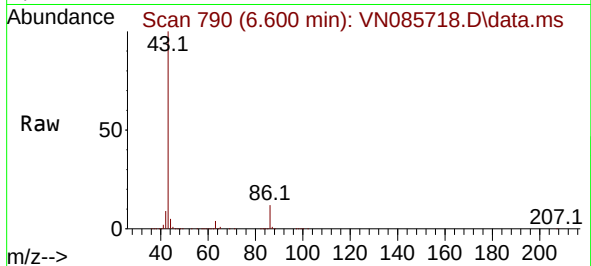
Tgt Ion: 45 Resp: 462658
Ion Ratio Lower Upper
45 100
43 54.2 45.0 67.6
87 31.5 21.8 32.8
59 13.1 10.2 15.2





#23
 Vinyl Acetate
 Concen: 258.421 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085718.D
 Acq: 10 Feb 2025 12:12

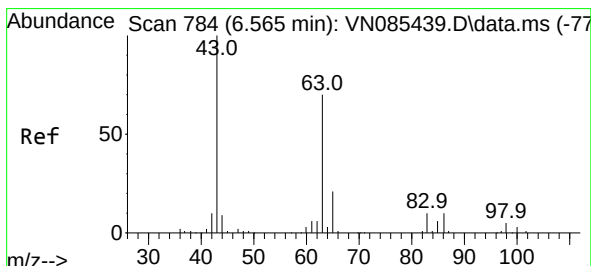
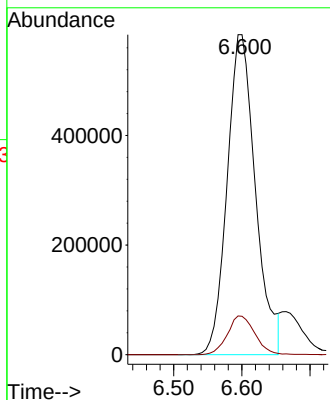
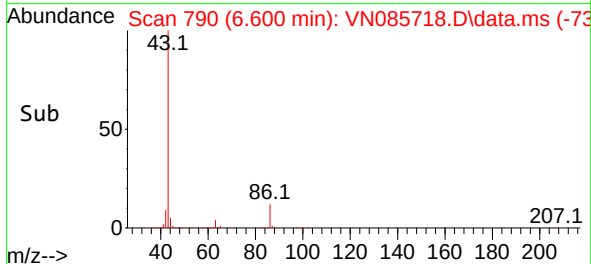
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 1688980
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.4 12.6

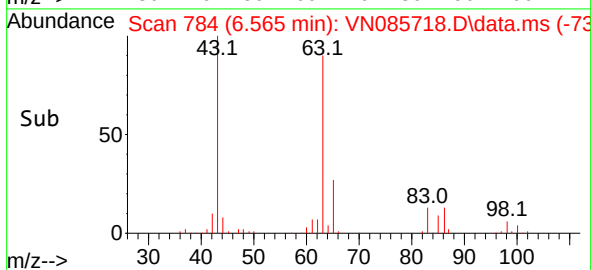
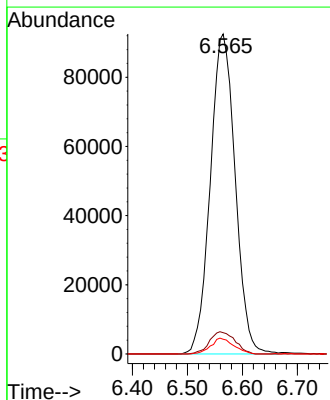
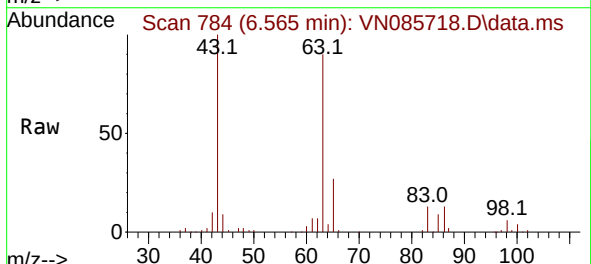
Manual Integrations
 APPROVED

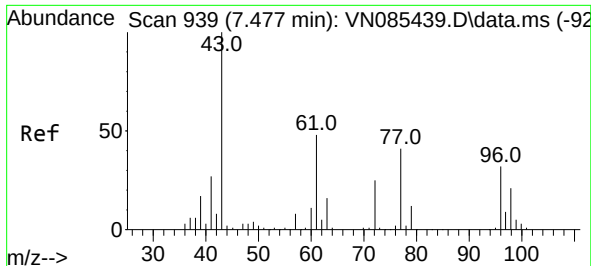
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#24
 1,1-Dichloroethane
 Concen: 51.127 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085718.D
 Acq: 10 Feb 2025 12:12

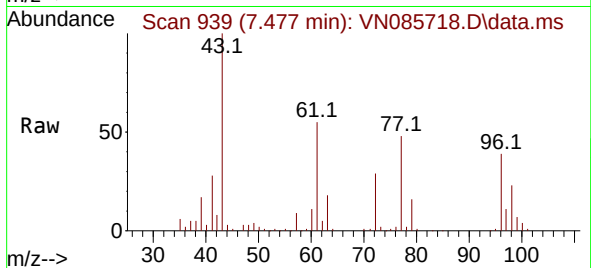
Tgt Ion: 63 Resp: 291144
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.6 2.0 6.0





#25
2-Butanone
Concen: 236.309 ug/l
RT: 7.477 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

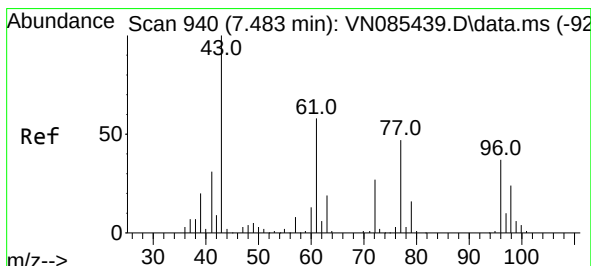
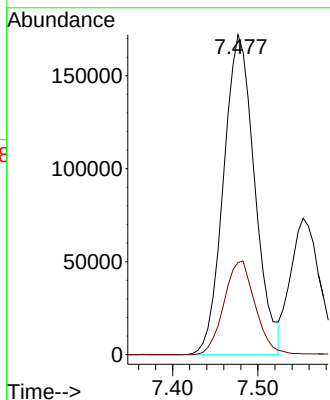
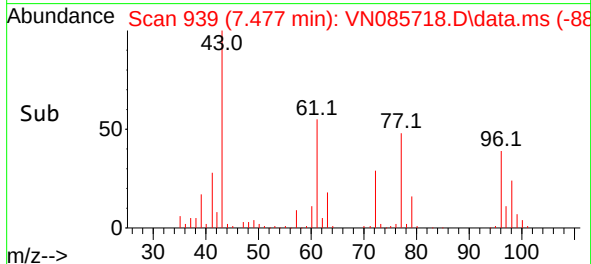
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



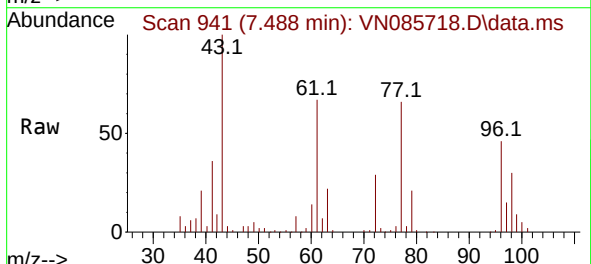
Tgt Ion: 43 Resp: 43821
Ion Ratio Lower Upper
43 100
72 28.9 20.2 30.4

Manual Integrations
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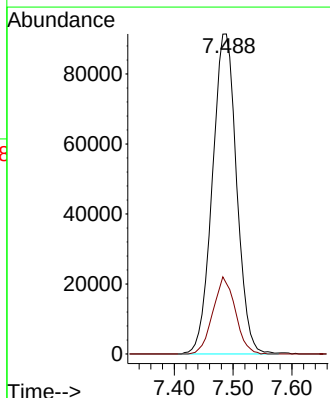
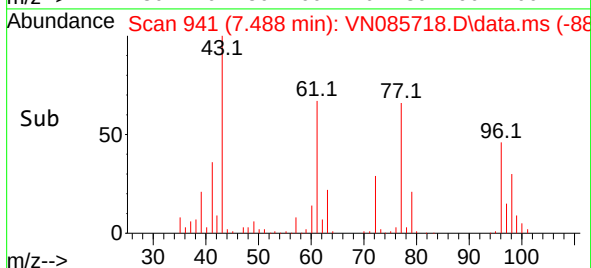
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

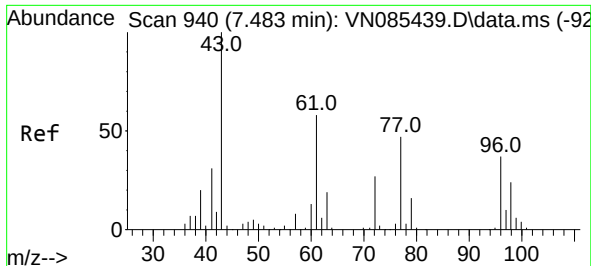


#26
2,2-Dichloropropane
Concen: 56.810 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12



Tgt Ion: 77 Resp: 261553
Ion Ratio Lower Upper
77 100
97 22.3 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 56.038 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN085718.D

Acq: 10 Feb 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 182900

Ion Ratio Lower Upper

96 100

61 143.5 0.0 311.8

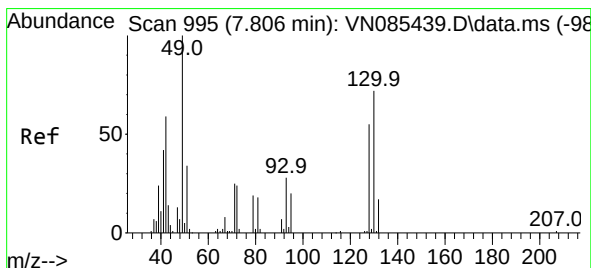
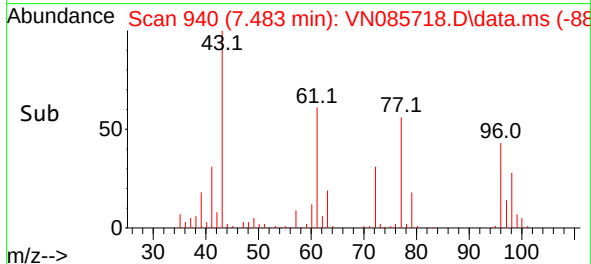
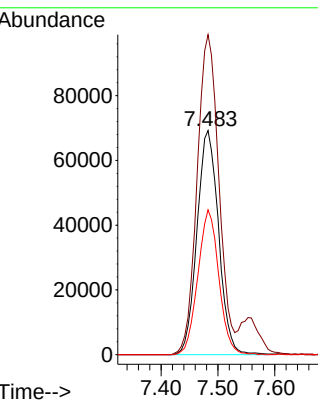
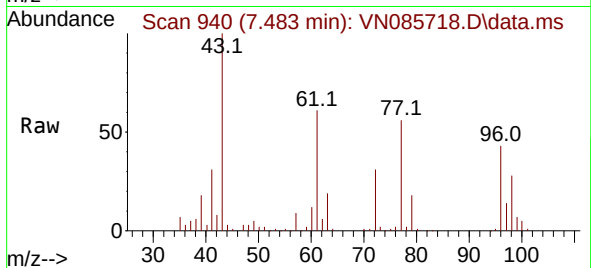
98 62.8 0.0 126.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#28

Bromochloromethane

Concen: 41.864 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.006 min

Lab File: VN085718.D

Acq: 10 Feb 2025 12:12

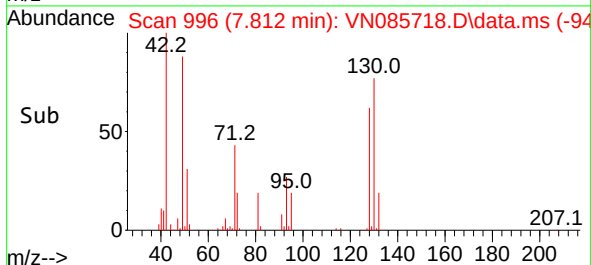
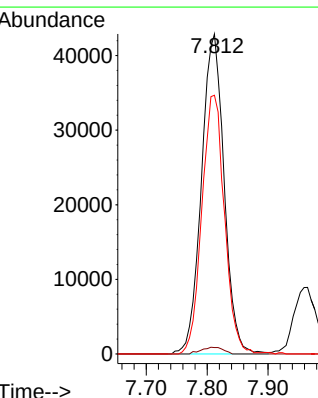
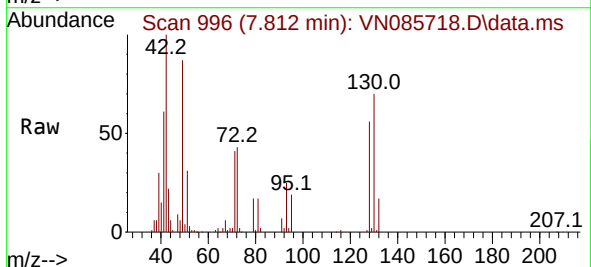
Tgt Ion: 49 Resp: 110911

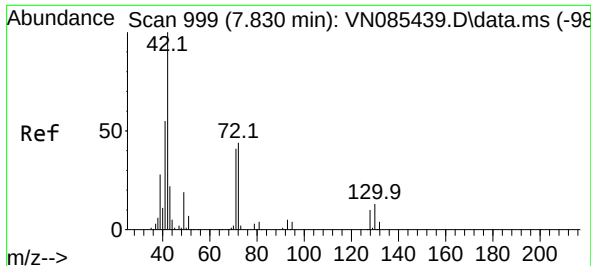
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

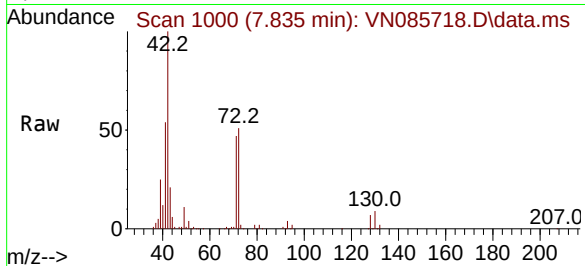
130 80.5 55.0 82.4





#29
Tetrahydrofuran
Concen: 251.701 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

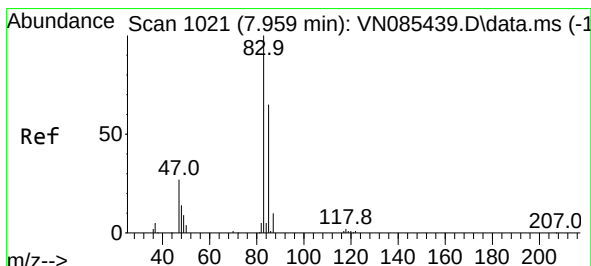
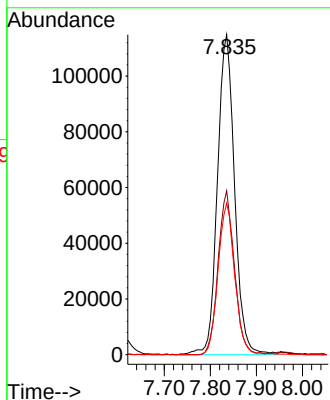
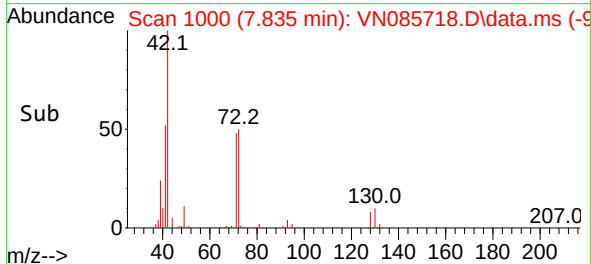
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 295924
Ion Ratio Lower Upper
42 100
72 48.7 34.2 51.2
71 46.1 32.5 48.7

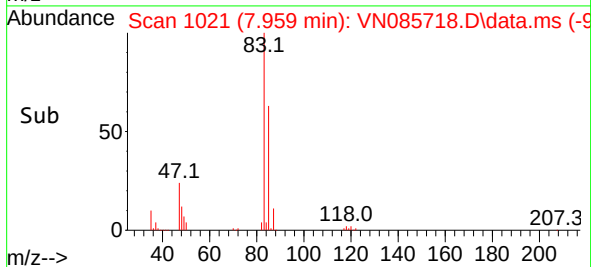
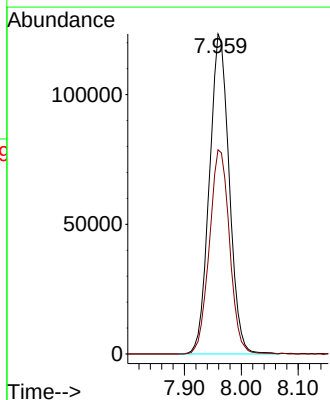
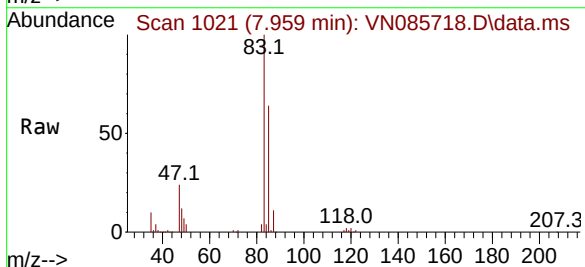
Manual Integrations
APPROVED

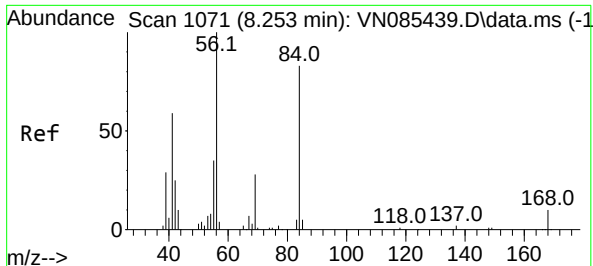
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#30
Chloroform
Concen: 50.761 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

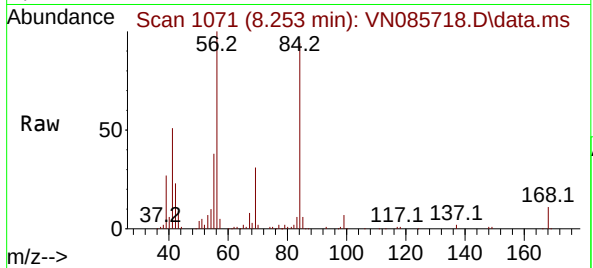
Tgt Ion: 83 Resp: 298754
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.6





#31
Cyclohexane
Concen: 47.397 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

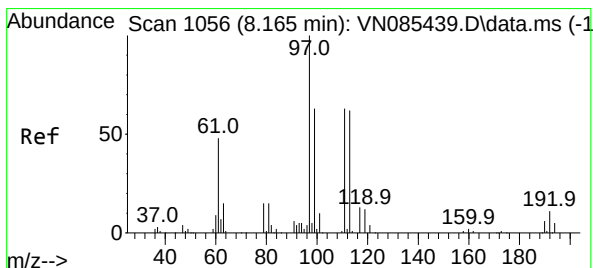
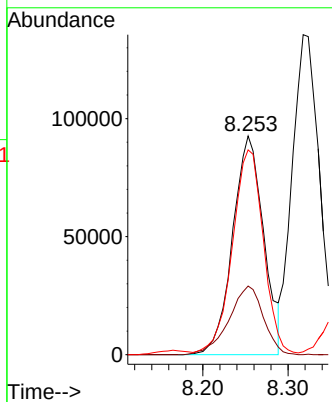
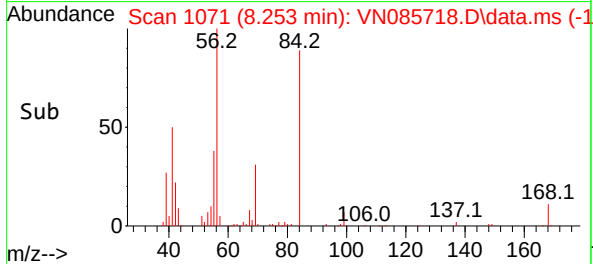
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



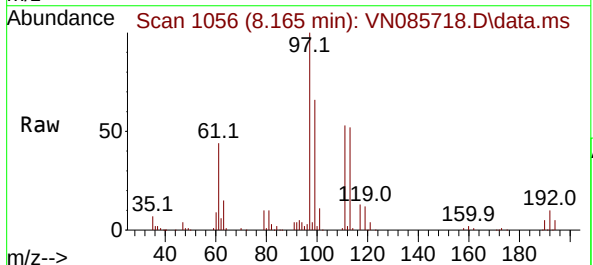
Tgt Ion: 56 Resp: 234592
Ion Ratio Lower Upper
56 100
69 31.4 22.2 33.4
84 91.9 66.4 99.6

Manual Integrations
APPROVED

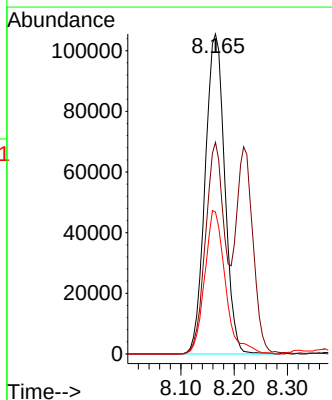
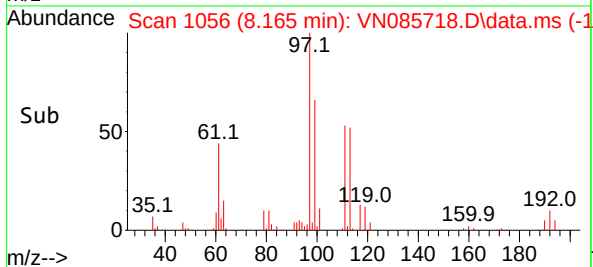
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

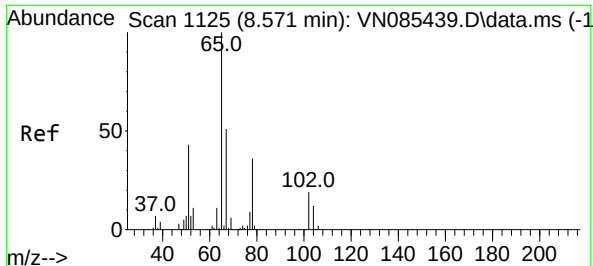


#32
1,1,1-Trichloroethane
Concen: 52.186 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12



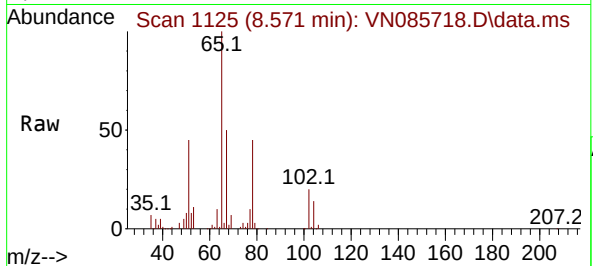
Tgt Ion: 97 Resp: 269415
Ion Ratio Lower Upper
97 100
99 65.6 49.8 74.6
61 47.3 41.4 62.2





#33
1,2-Dichloroethane-d4
Concen: 40.480 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

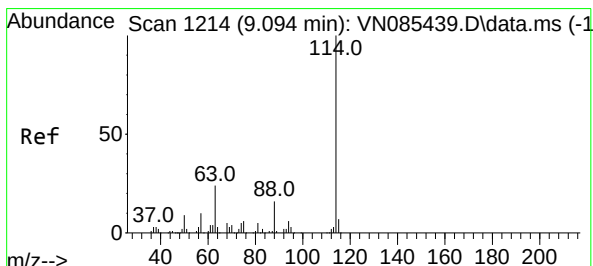
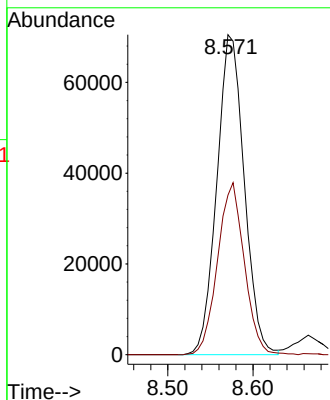
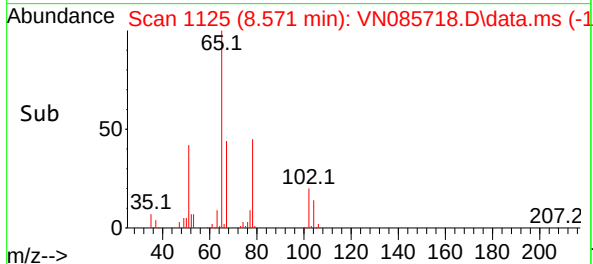
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 65 Resp: 157875
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.6

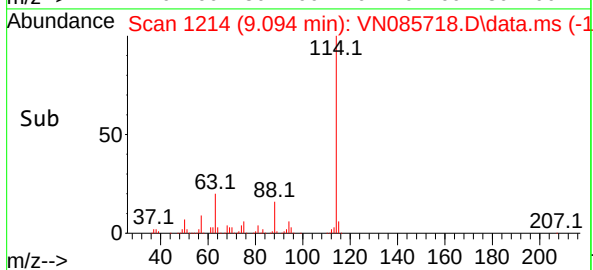
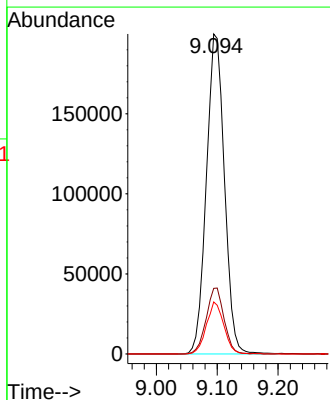
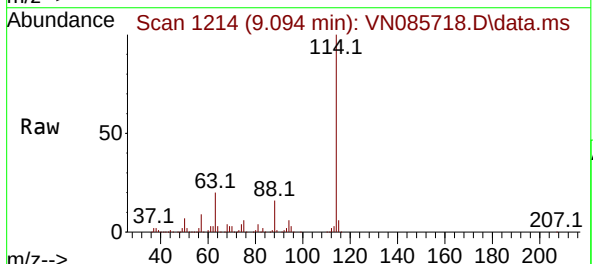
Manual Integrations
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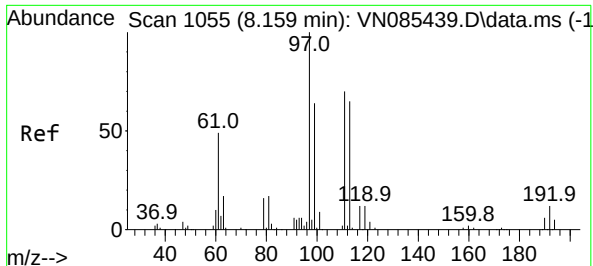
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

Tgt Ion:114 Resp: 411898
Ion Ratio Lower Upper
114 100
63 20.5 0.0 47.6
88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.951 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN085718.D

Acq: 10 Feb 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 131308

Ion Ratio Lower Upper

113 100

111 102.7 82.7 124.1

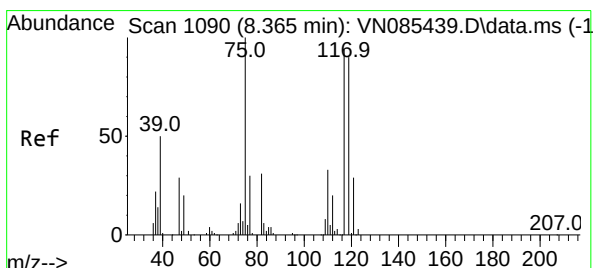
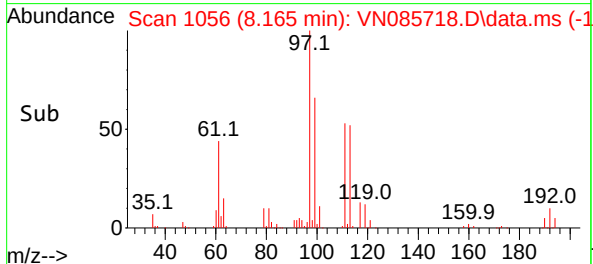
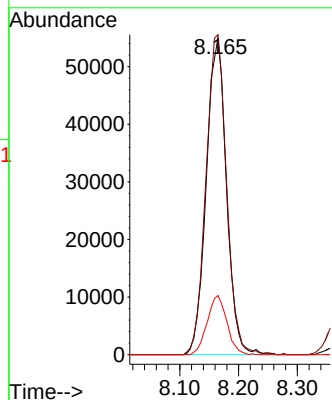
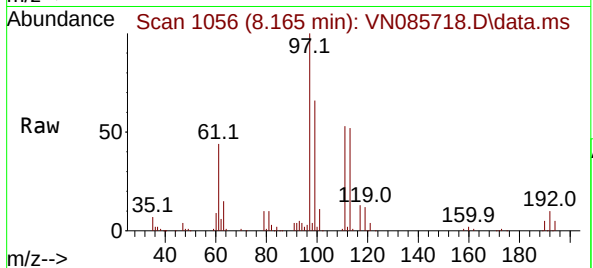
192 18.2 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#36

1,1-Dichloropropene

Concen: 52.778 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN085718.D

Acq: 10 Feb 2025 12:12

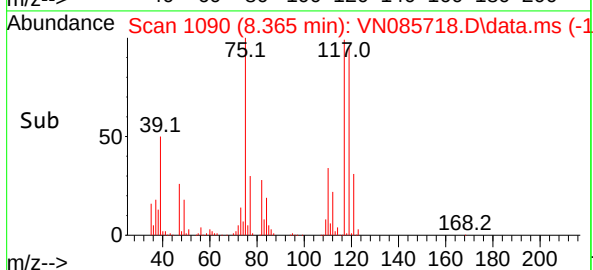
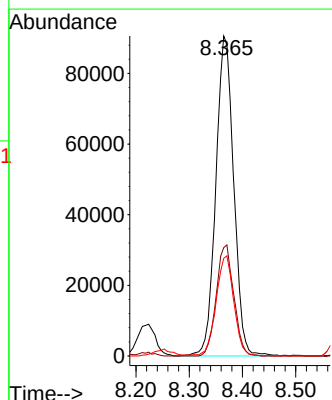
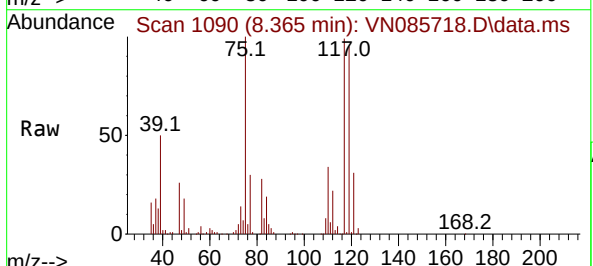
Tgt Ion: 75 Resp: 211667

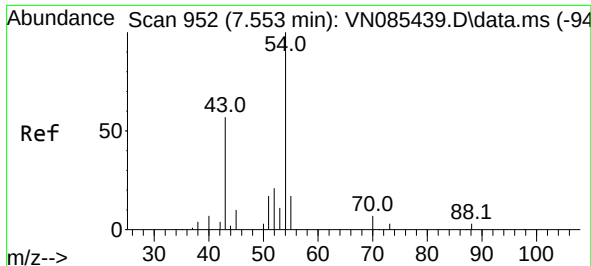
Ion Ratio Lower Upper

75 100

110 33.9 16.5 49.5

77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 44.830 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN085718.D

Acq: 10 Feb 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 18147

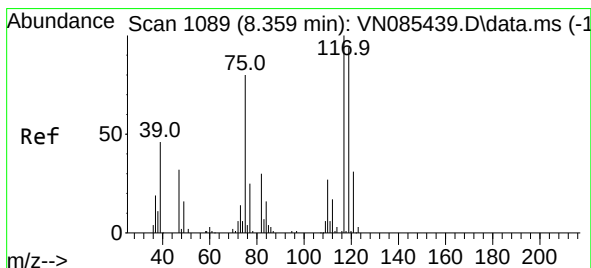
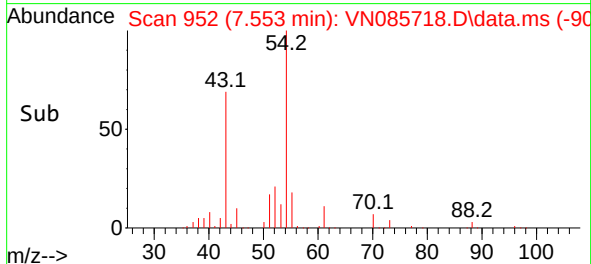
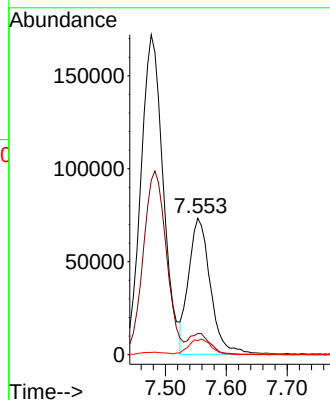
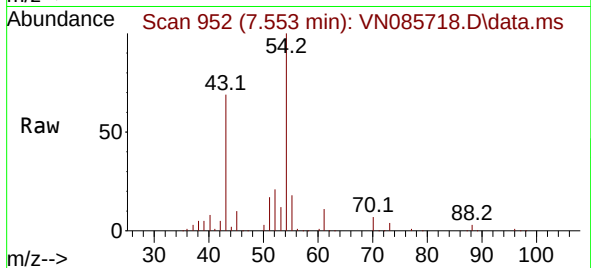
Ion	Ratio	Lower	Upper
43	100		
61	15.2	10.9	16.3
70	11.8	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#38

Carbon Tetrachloride

Concen: 52.438 ug/l

RT: 8.359 min Scan# 1089

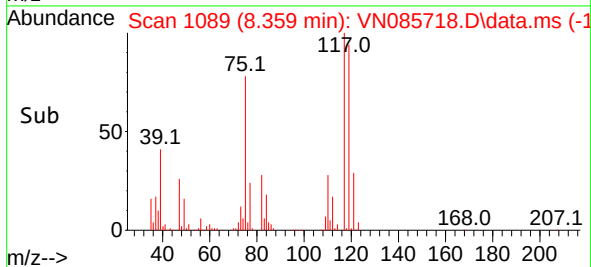
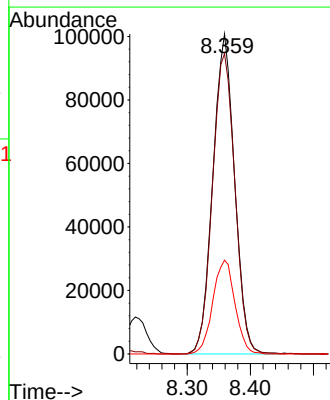
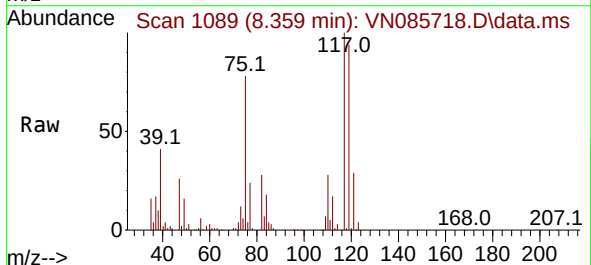
Delta R.T. -0.000 min

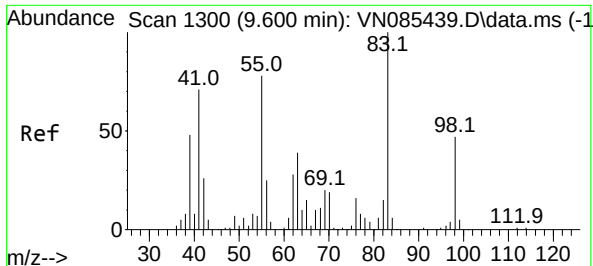
Lab File: VN085718.D

Acq: 10 Feb 2025 12:12

Tgt Ion:117 Resp: 240761

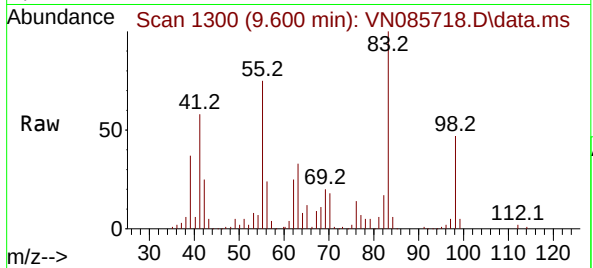
Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.4	113.2
121	29.3	24.6	37.0





#39
Methylcyclohexane
Concen: 56.623 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

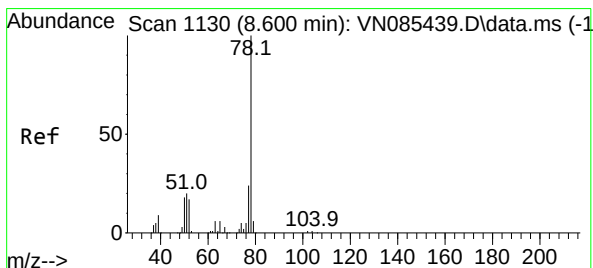
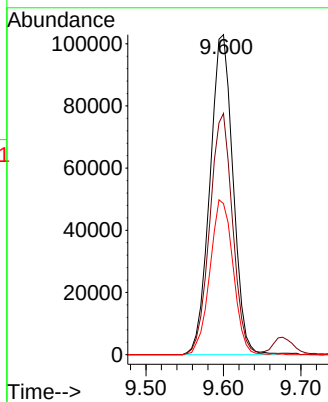
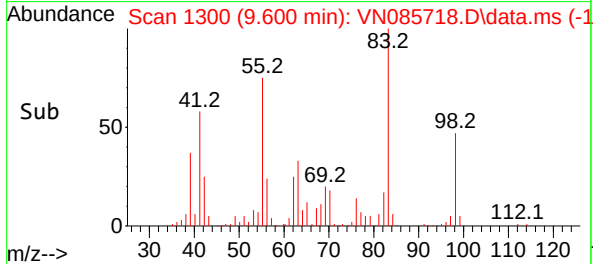
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 213394
Ion Ratio Lower Upper
83 100
55 75.4 62.6 94.0
98 47.2 37.7 56.5

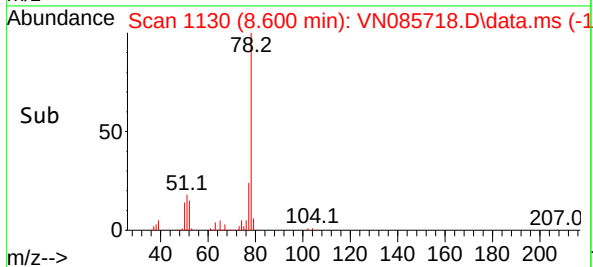
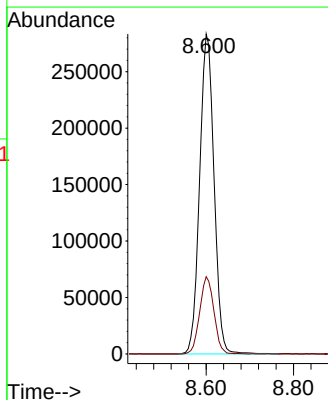
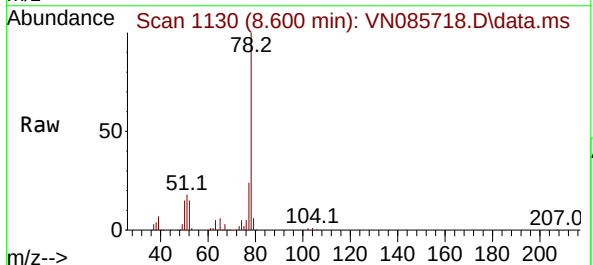
Manual Integrations
APPROVED

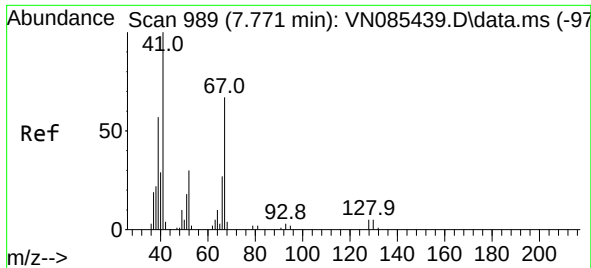
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#40
Benzene
Concen: 53.993 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

Tgt Ion: 78 Resp: 650627
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6





#41
Methacrylonitrile
Concen: 46.941 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

Instrument :

MSVOA_N

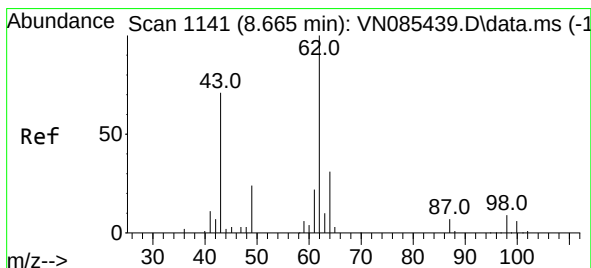
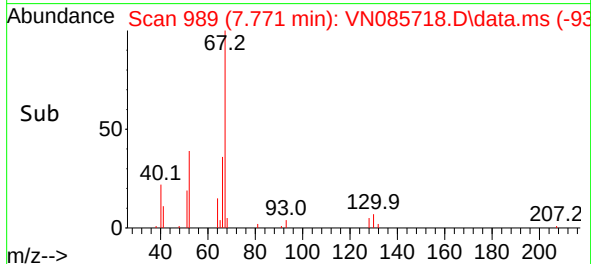
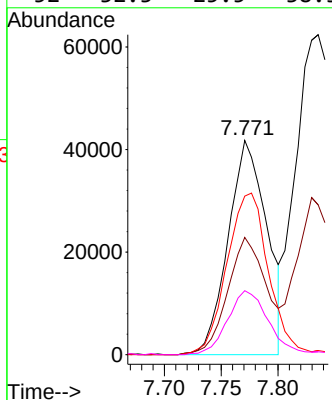
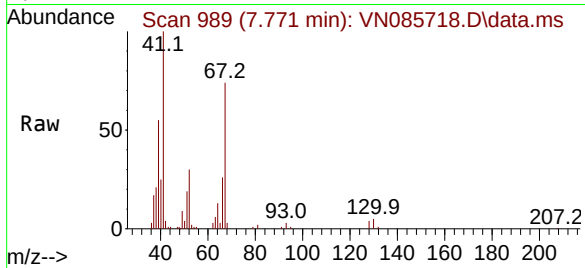
ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 9886
Ion Ratio Lower Upper
41 100
39 54.7 46.0 69.0
67 82.1 57.4 86.2
52 32.3 25.5 38.3

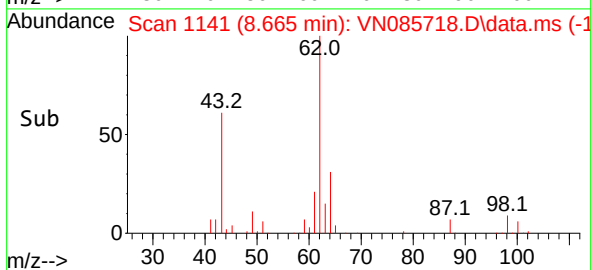
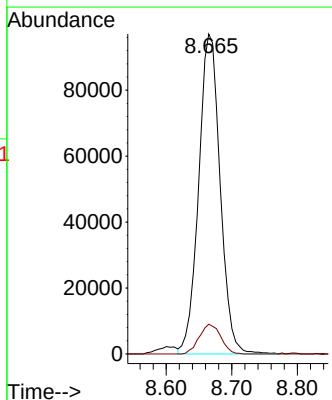
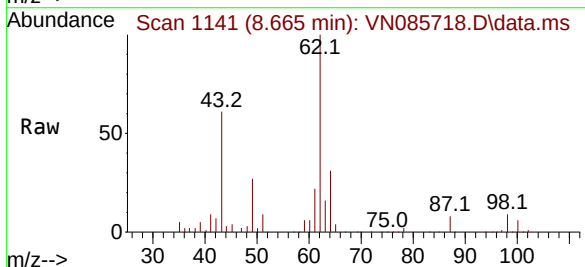
Manual Integrations
APPROVED

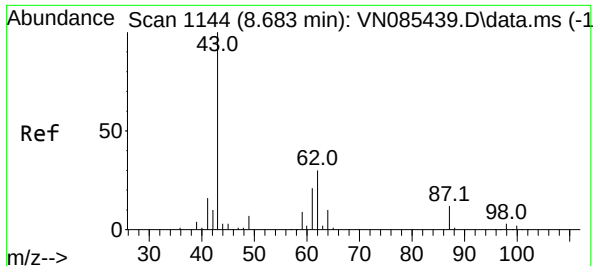
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#42
1,2-Dichloroethane
Concen: 48.699 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

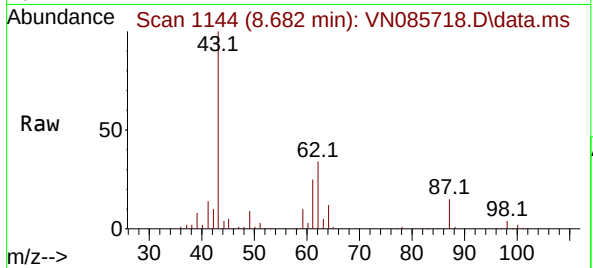
Tgt Ion: 62 Resp: 221021
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.0





#43
Isopropyl Acetate
Concen: 49.064 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

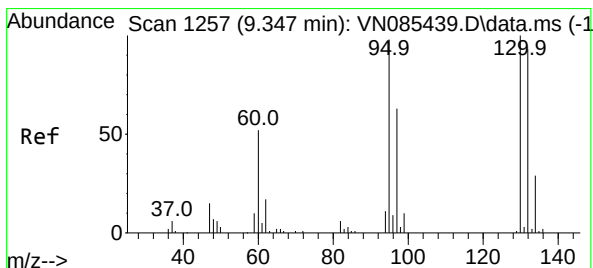
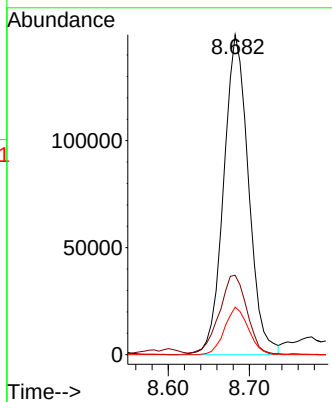
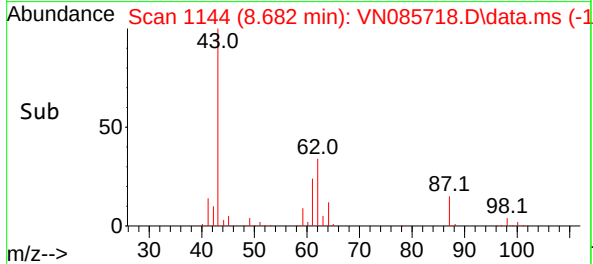
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



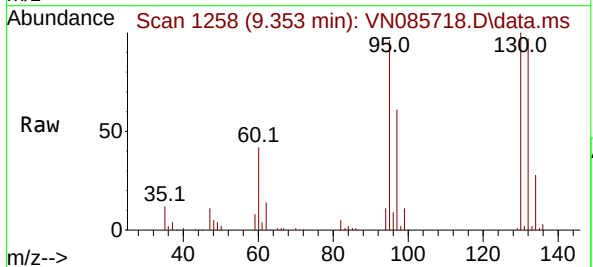
Tgt Ion: 43 Resp: 318250
Ion Ratio Lower Upper
43 100
61 27.5 20.7 31.1
87 14.2 9.8 14.8

Manual Integrations
APPROVED

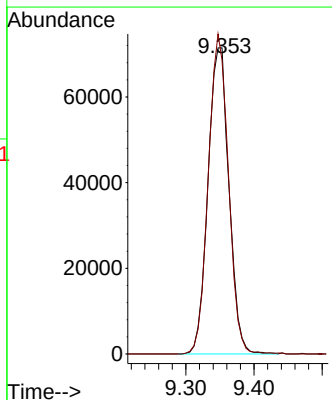
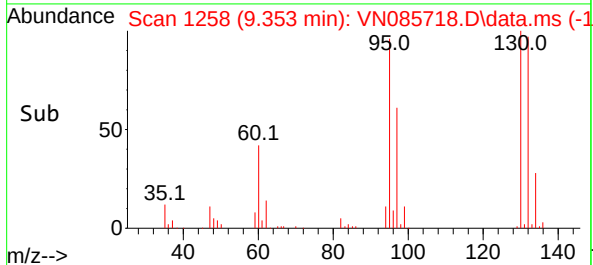
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

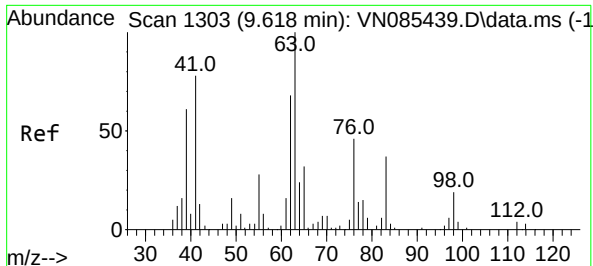


#44
Trichloroethene
Concen: 54.607 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12



Tgt Ion:130 Resp: 153175
Ion Ratio Lower Upper
130 100
95 95.9 0.0 195.8





#45

1,2-Dichloropropane

Concen: 50.412 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085718.D

Acq: 10 Feb 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 15516

Ion Ratio Lower Upper

63 100

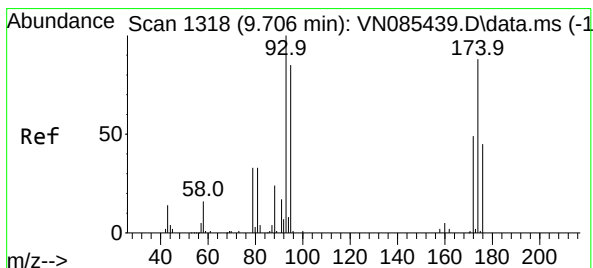
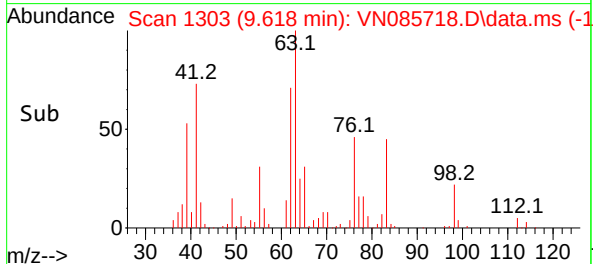
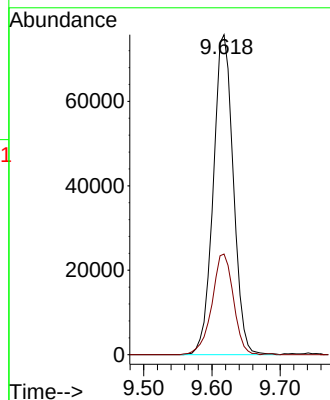
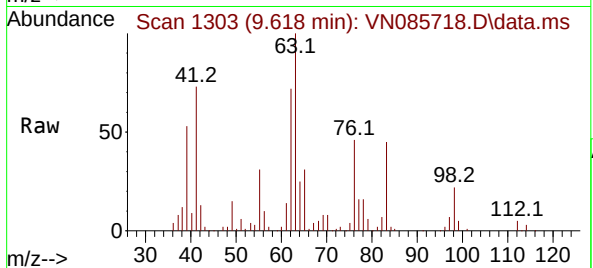
65 31.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#46

Dibromomethane

Concen: 50.656 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085718.D

Acq: 10 Feb 2025 12:12

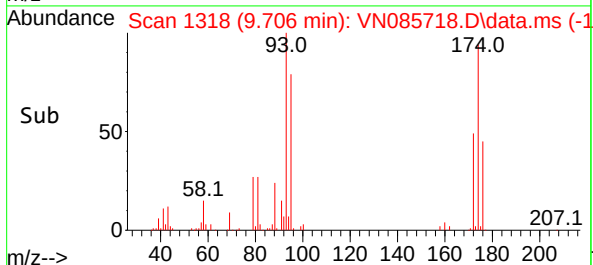
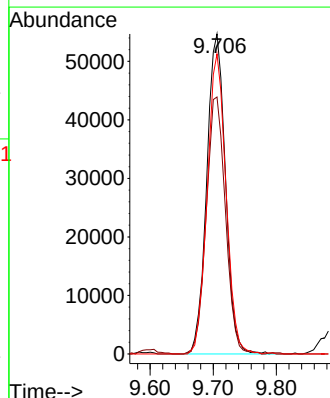
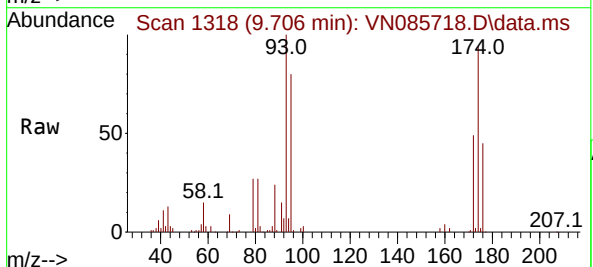
Tgt Ion: 93 Resp: 112504

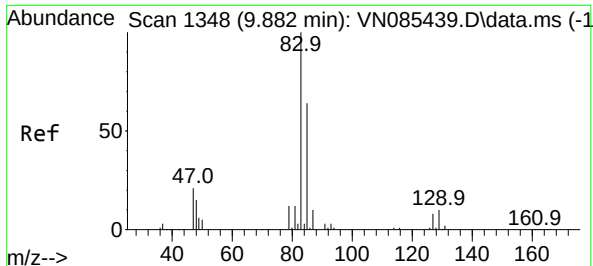
Ion Ratio Lower Upper

93 100

95 82.4 64.7 97.1

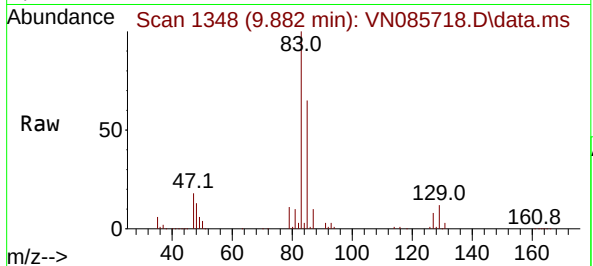
174 93.9 69.0 103.4





#47
Bromodichloromethane
Concen: 52.534 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

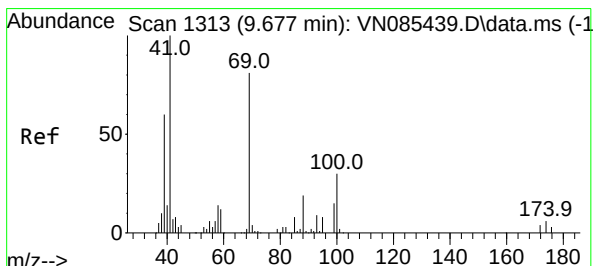
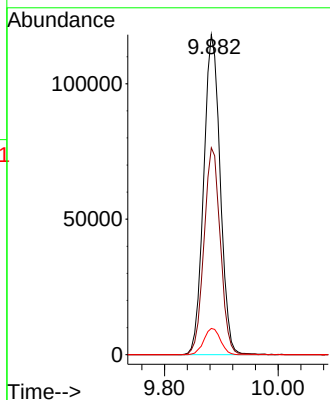
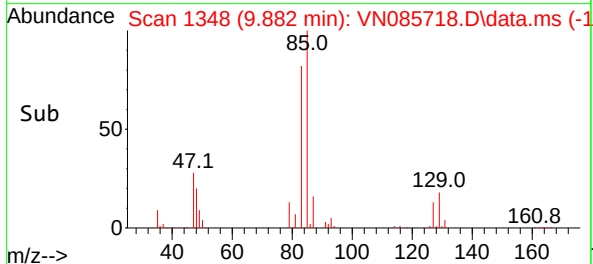
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 237704
Ion Ratio Lower Upper
83 100
85 64.7 51.2 76.8
127 8.2 6.5 9.7

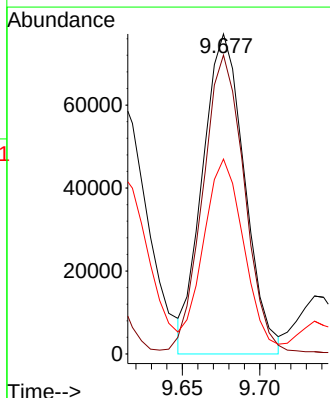
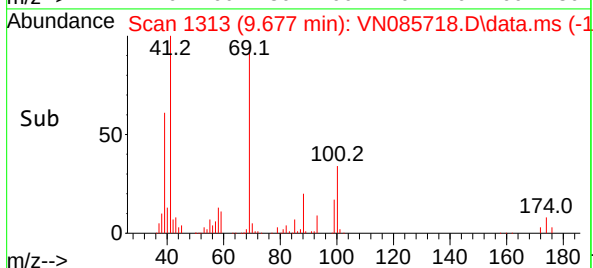
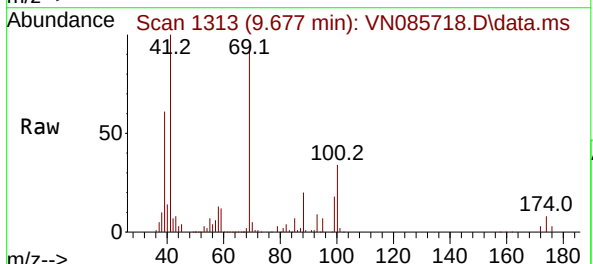
Manual Integrations
APPROVED

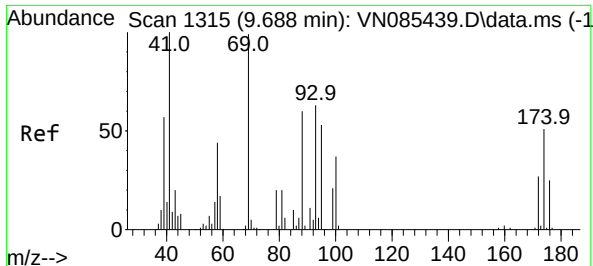
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#48
Methyl methacrylate
Concen: 49.787 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

Tgt Ion: 41 Resp: 145329
Ion Ratio Lower Upper
41 100
69 93.6 64.7 97.1
39 59.2 49.0 73.6





#49

1,4-Dioxane

Concen: 1100.520 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN085718.D

Acq: 10 Feb 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 5409

Ion Ratio Lower Upper

88 100

43 27.7 26.6 39.8

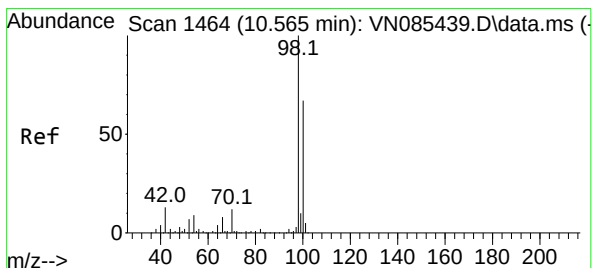
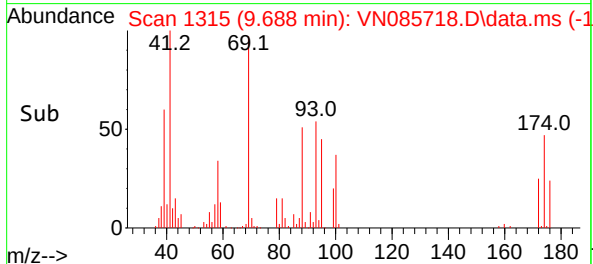
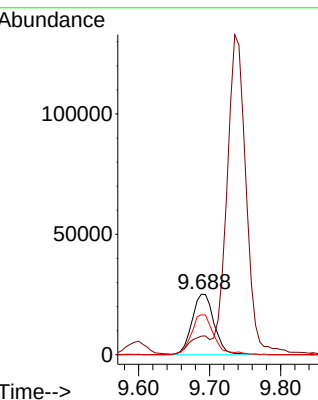
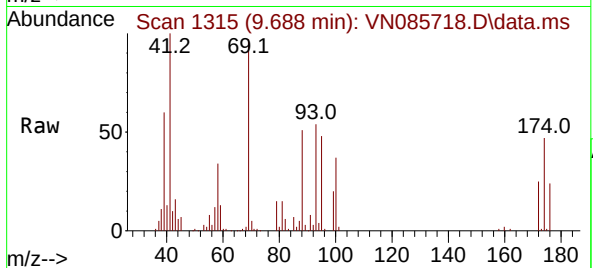
58 67.8 59.5 89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#50

Toluene-d8

Concen: 45.824 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085718.D

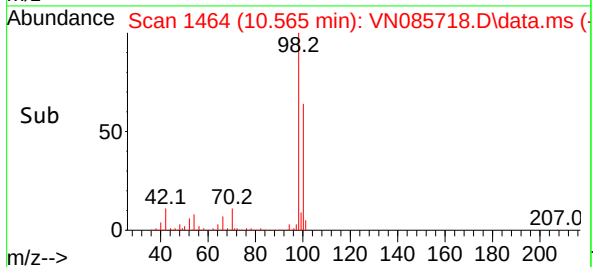
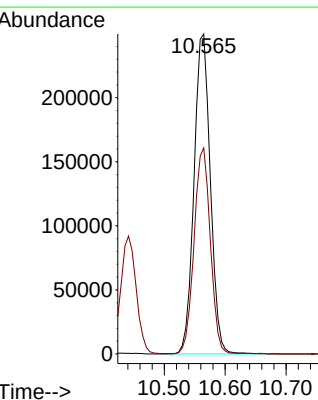
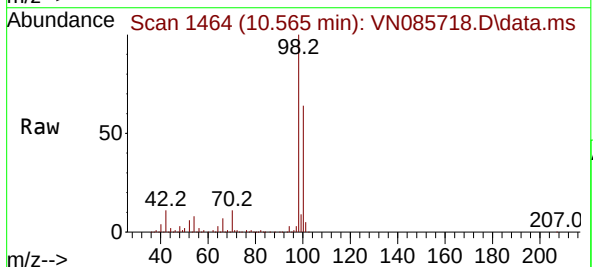
Acq: 10 Feb 2025 12:12

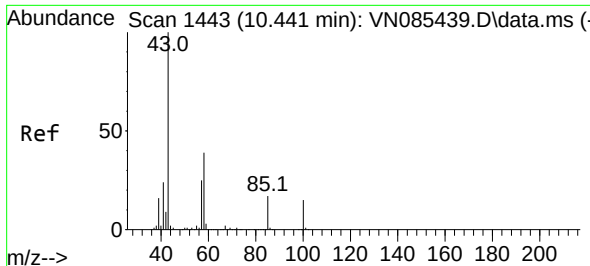
Tgt Ion: 98 Resp: 465243

Ion Ratio Lower Upper

98 100

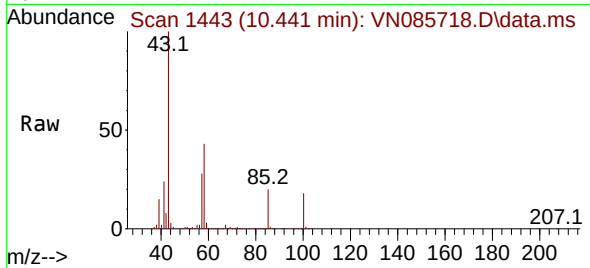
100 63.9 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 244.385 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

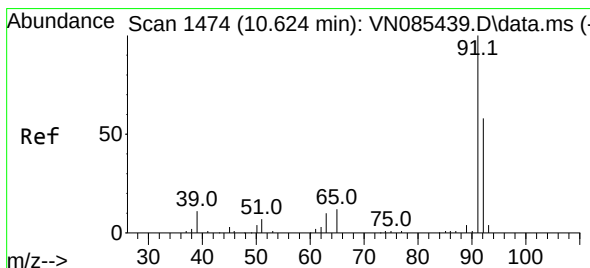
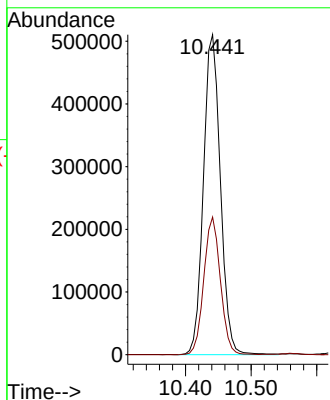
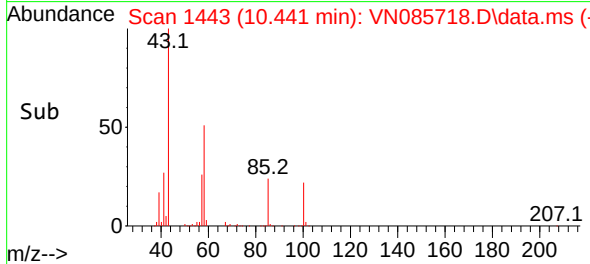
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 919850
Ion Ratio Lower Upper
43 100
58 42.1 30.5 45.7

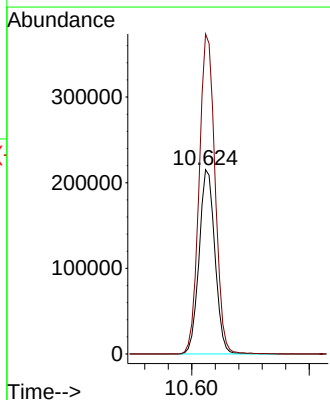
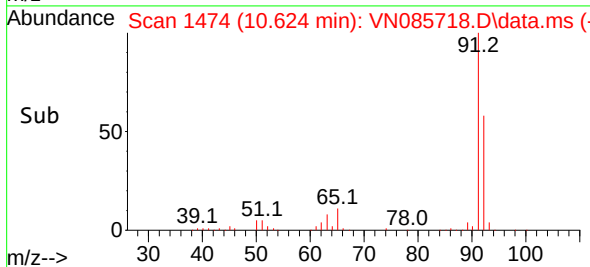
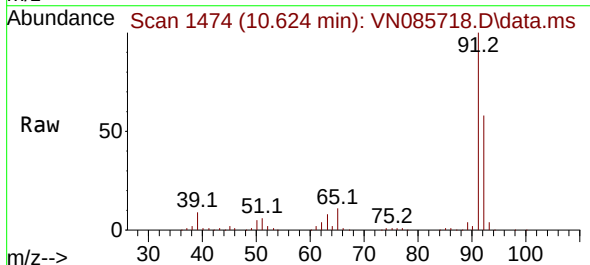
Manual Integrations
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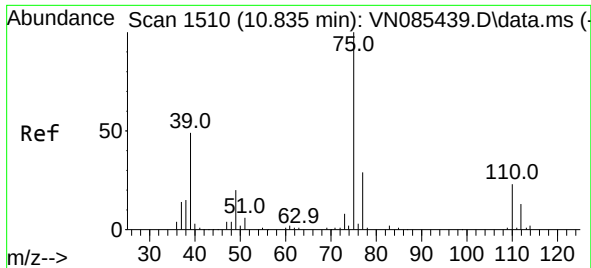
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#52
Toluene
Concen: 57.408 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

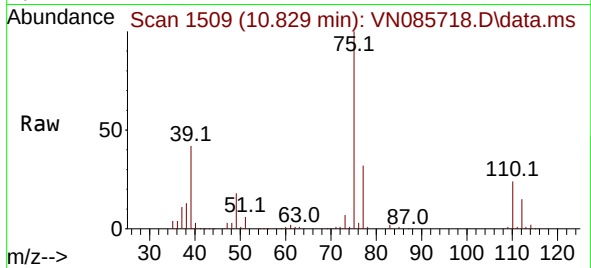
Tgt Ion: 92 Resp: 400834
Ion Ratio Lower Upper
92 100
91 174.9 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 56.040 ug/l
RT: 10.829 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

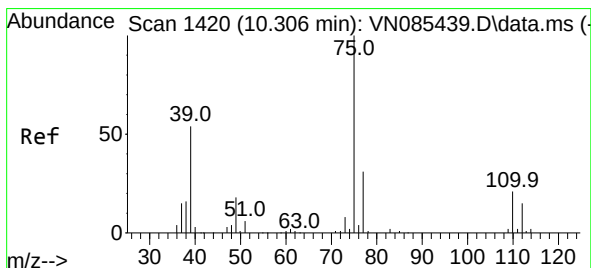
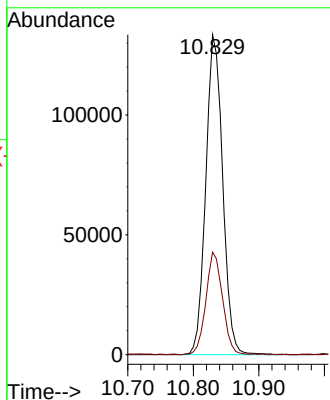
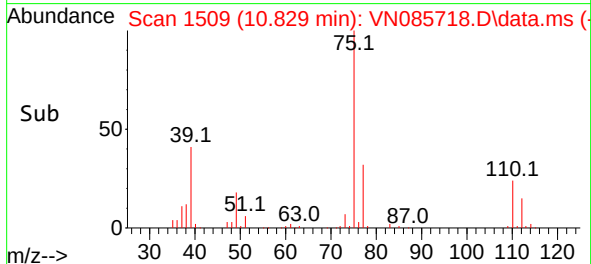
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 239629
Ion Ratio Lower Upper
75 100
77 31.9 23.5 35.3

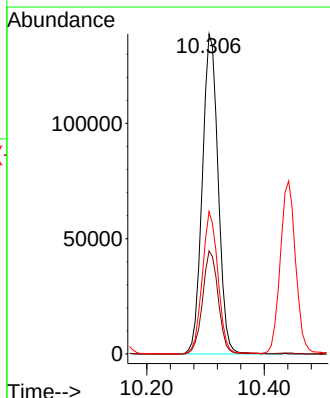
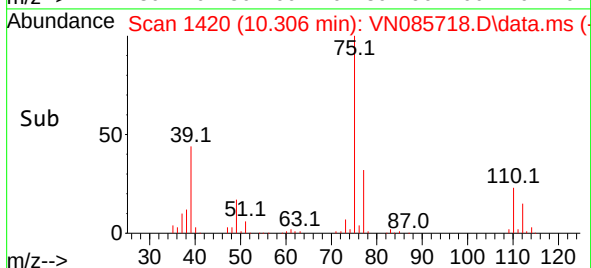
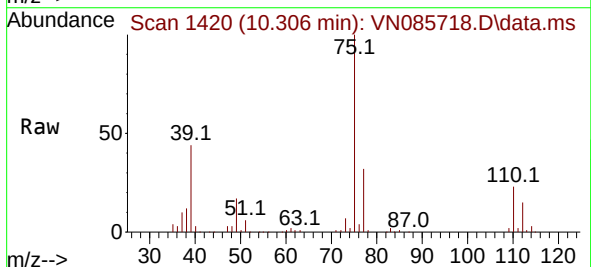
Manual Integrations
APPROVED

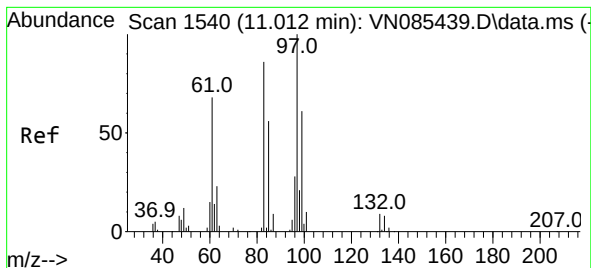
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#54
cis-1,3-Dichloropropene
Concen: 56.825 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

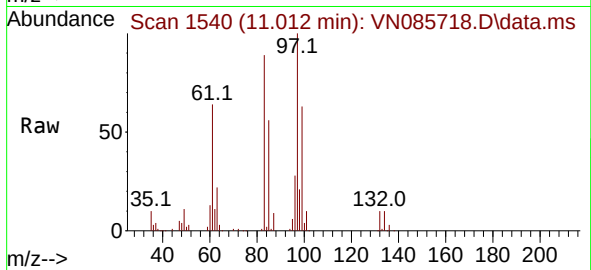
Tgt Ion: 75 Resp: 259548
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4
39 44.5 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 53.911 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

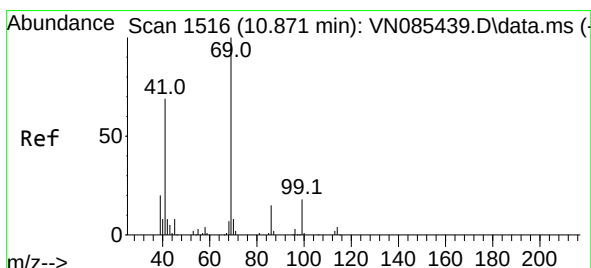
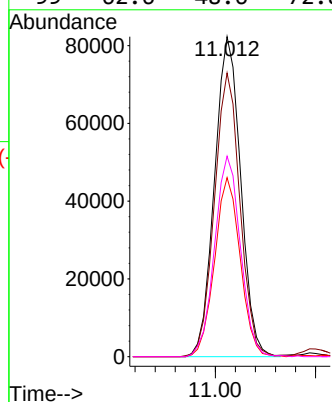
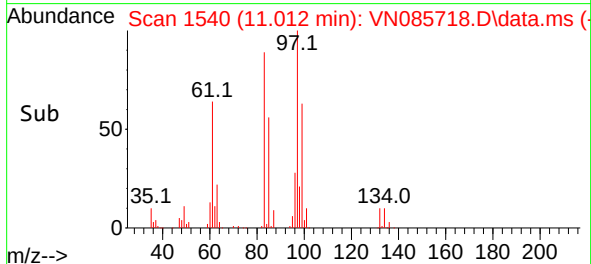
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



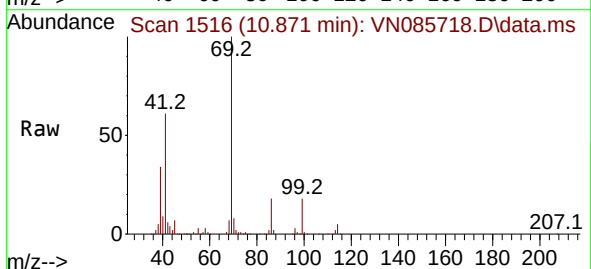
Tgt Ion: 97 Resp: 14896
Ion Ratio Lower Upper
97 100
83 88.7 69.0 103.6
85 55.9 44.6 66.8
99 62.6 48.6 72.8

Manual Integrations
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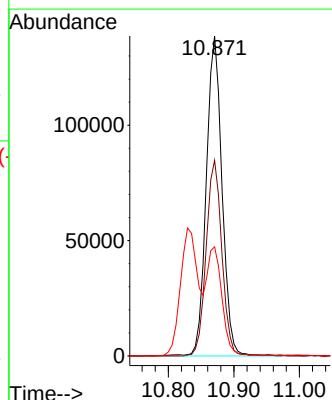
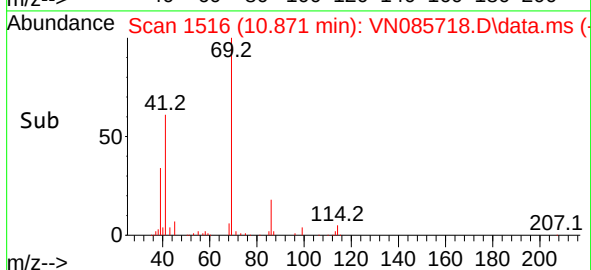
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

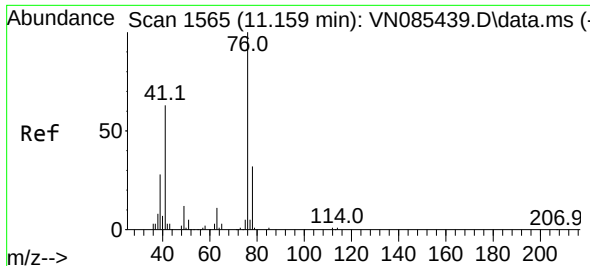


#56
Ethyl methacrylate
Concen: 49.609 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12



Tgt Ion: 69 Resp: 230843
Ion Ratio Lower Upper
69 100
41 60.2 54.6 82.0
39 32.3 32.4 48.6





#57

1,3-Dichloropropane

Concen: 53.908 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085718.D

Acq: 10 Feb 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 259008

Ion Ratio Lower Upper

76 100

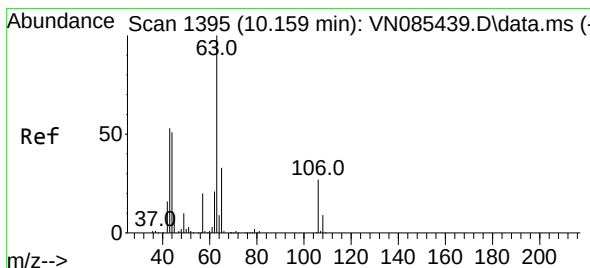
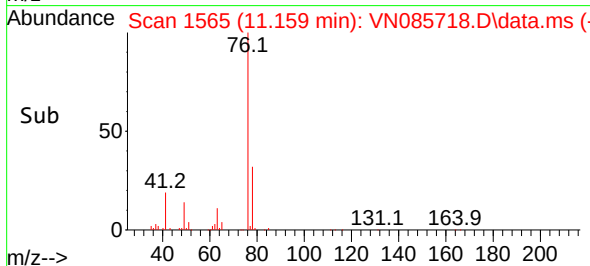
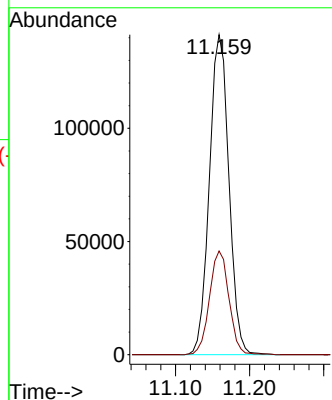
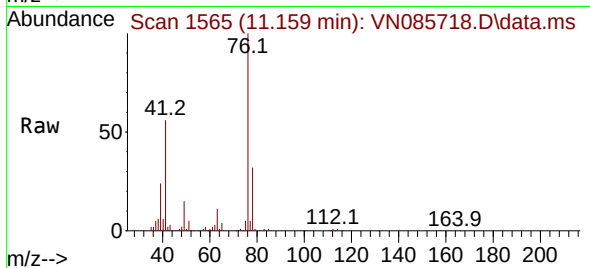
78 32.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#58

2-Chloroethyl Vinyl ether

Concen: 308.848 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN085718.D

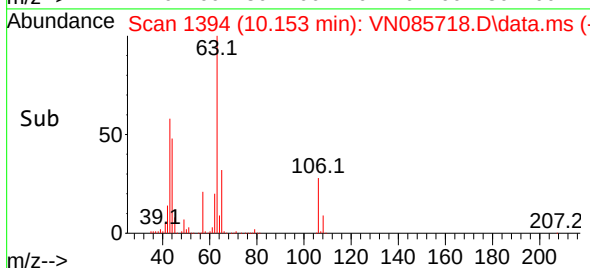
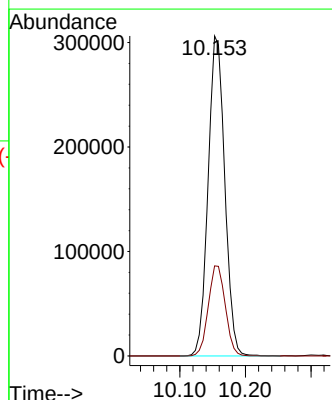
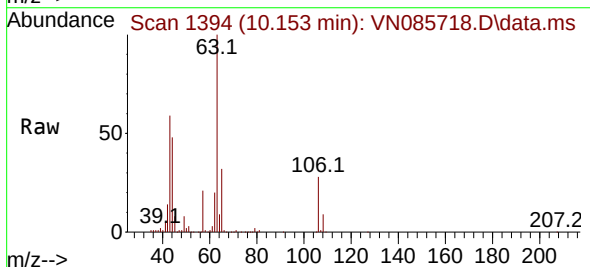
Acq: 10 Feb 2025 12:12

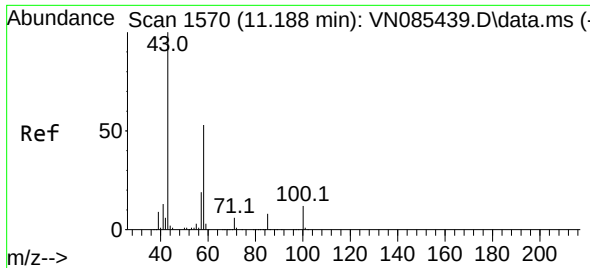
Tgt Ion: 63 Resp: 541567

Ion Ratio Lower Upper

63 100

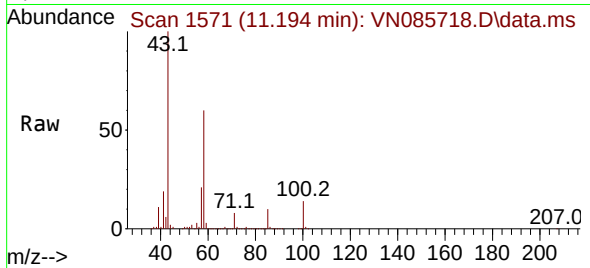
106 28.7 21.6 32.4





#59
2-Hexanone
Concen: 253.089 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

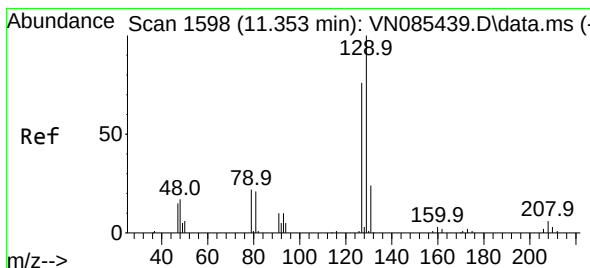
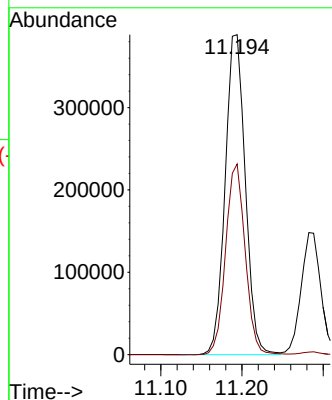
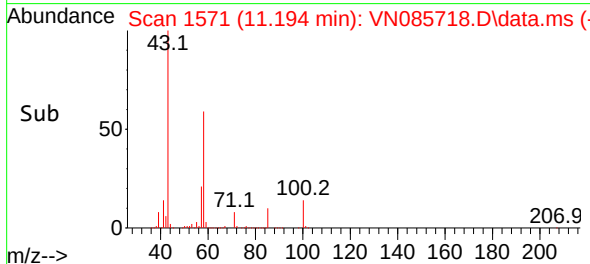
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 67029
Ion Ratio Lower Upper
43 100
58 57.8 26.2 78.6

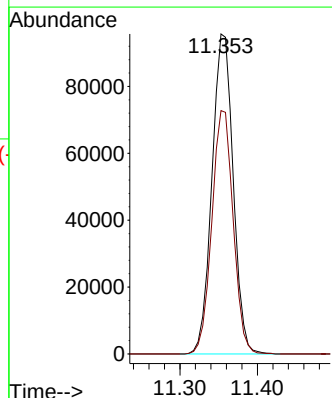
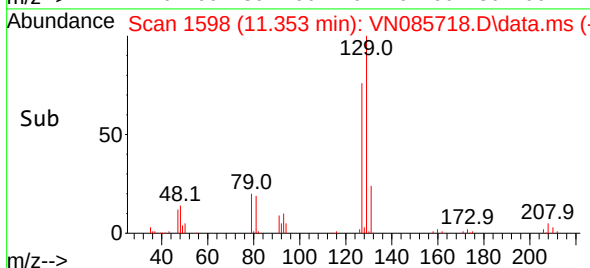
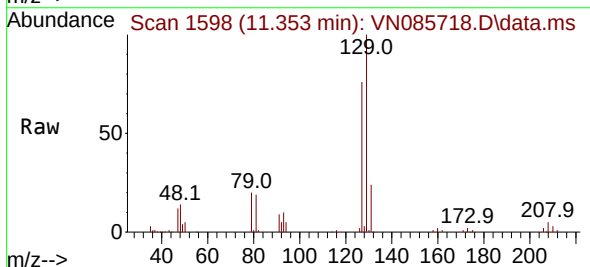
Manual Integrations
APPROVED

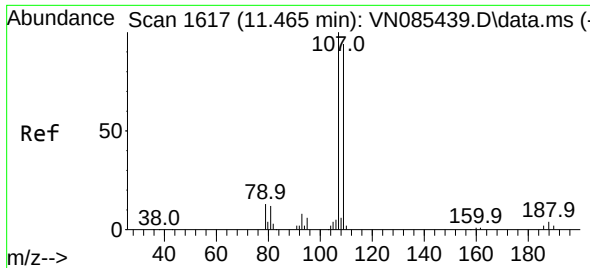
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#60
Dibromochloromethane
Concen: 54.555 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

Tgt Ion:129 Resp: 181993
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





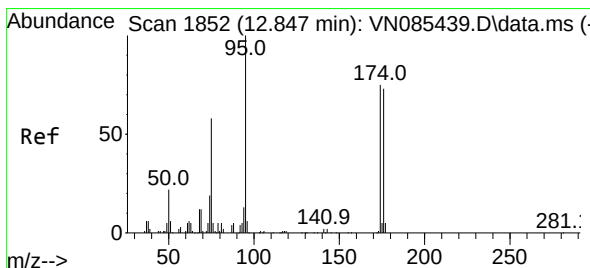
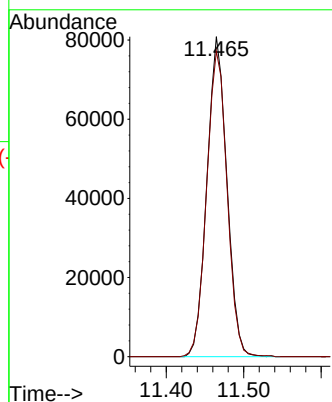
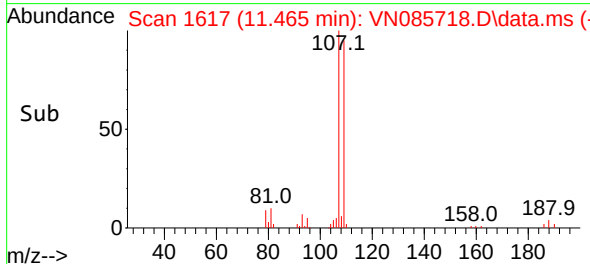
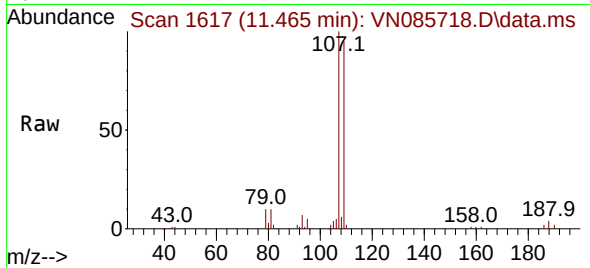
#61
1,2-Dibromoethane
Concen: 52.634 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 144770
Ion Ratio Lower Upper
107 100
109 97.7 75.9 113.9

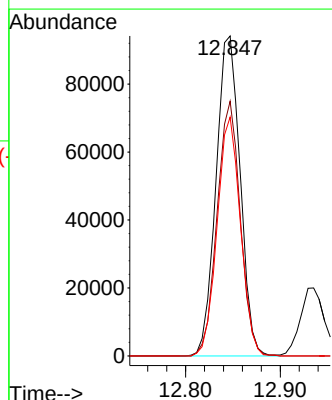
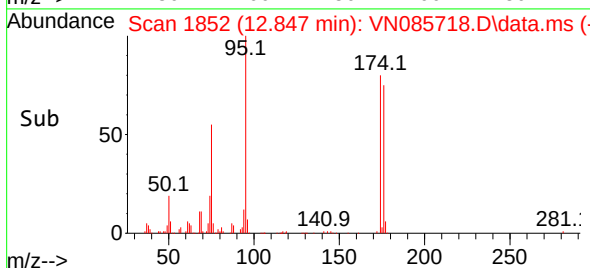
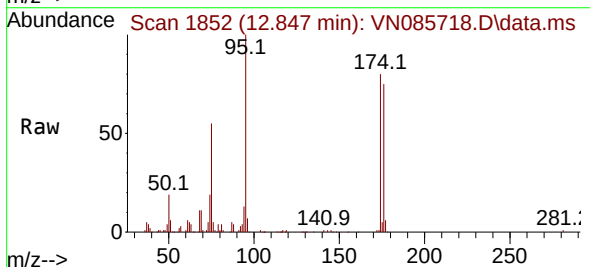
Manual Integrations
APPROVED

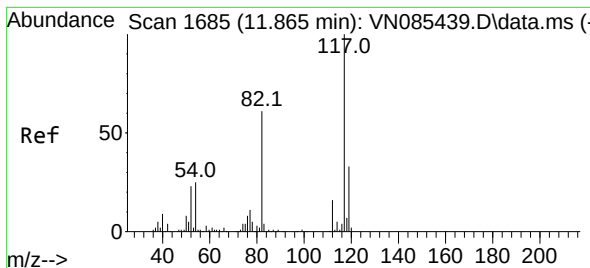
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#62
4-Bromofluorobenzene
Concen: 47.930 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

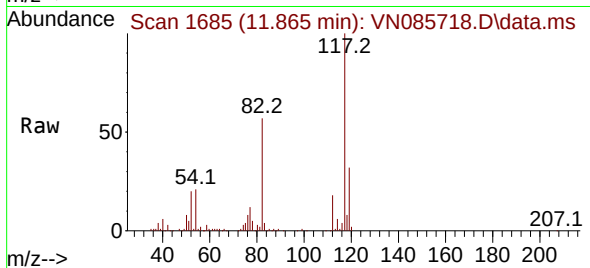
Tgt Ion: 95 Resp: 166462
Ion Ratio Lower Upper
95 100
174 76.4 0.0 145.0
176 72.1 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

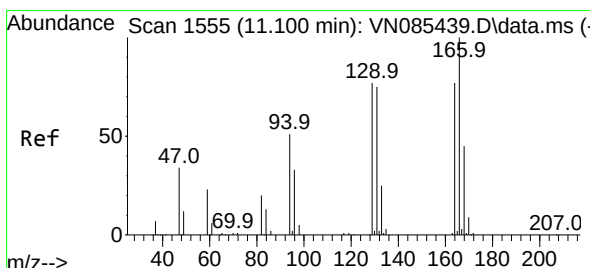
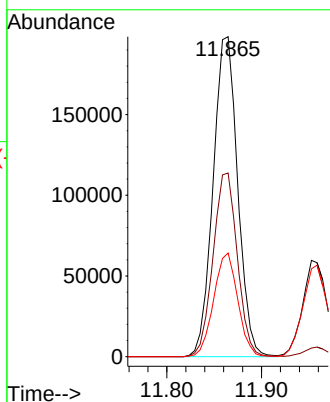
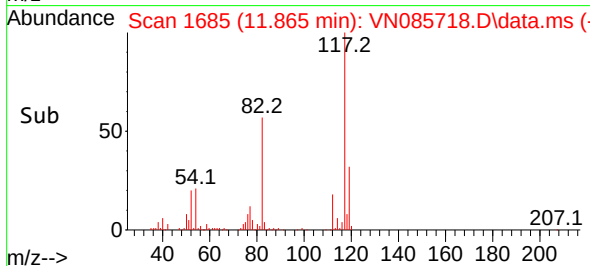
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 357680
Ion Ratio Lower Upper
117 100
82 57.4 48.6 72.8
119 32.4 26.6 39.8

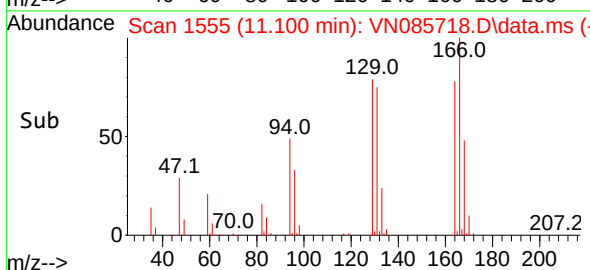
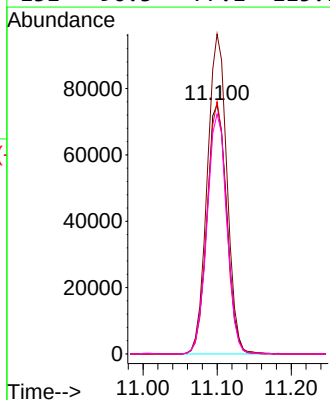
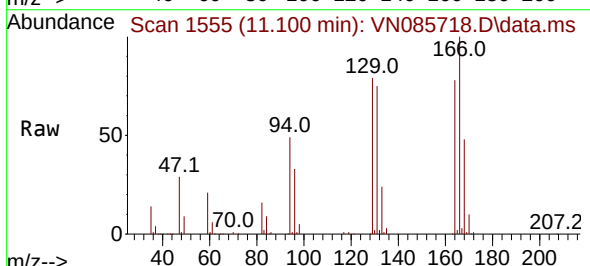
Manual Integrations
APPROVED

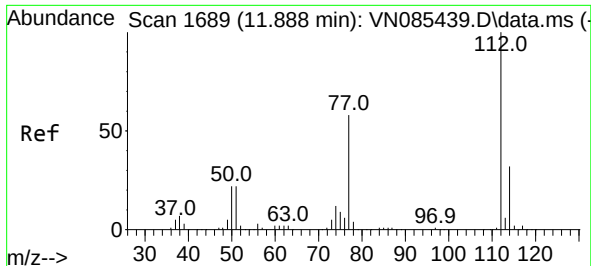
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#64
Tetrachloroethene
Concen: 57.525 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

Tgt Ion:164 Resp: 140272
Ion Ratio Lower Upper
164 100
166 128.3 103.4 155.2
129 101.2 79.2 118.8
131 96.3 77.1 115.7





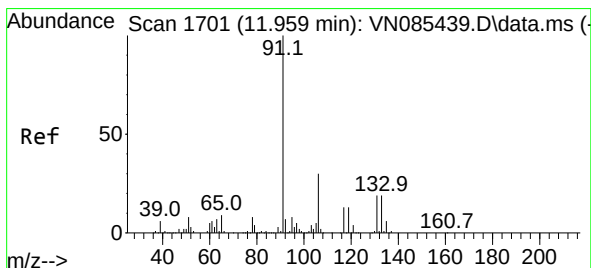
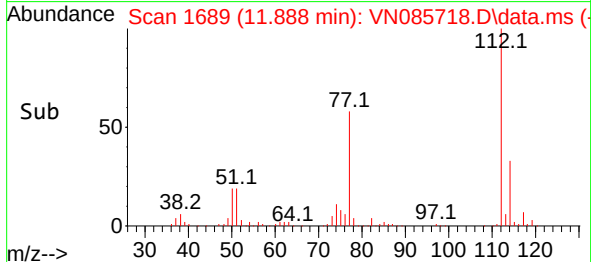
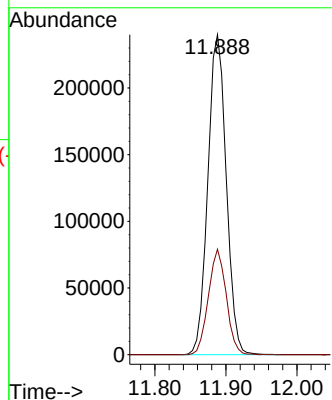
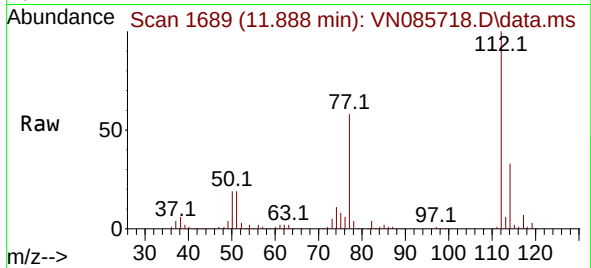
#65
Chlorobenzene
Concen: 55.205 ug/l
RT: 11.888 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 432562
Ion Ratio Lower Upper
112 100
114 32.9 25.3 37.9

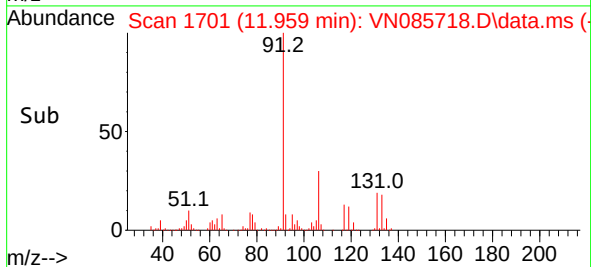
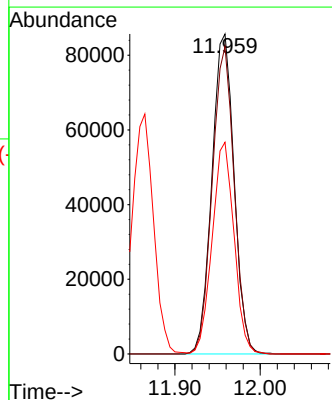
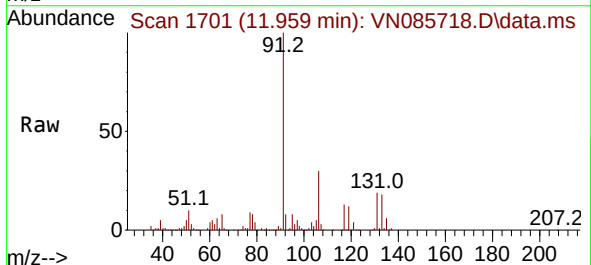
Manual Integrations
APPROVED

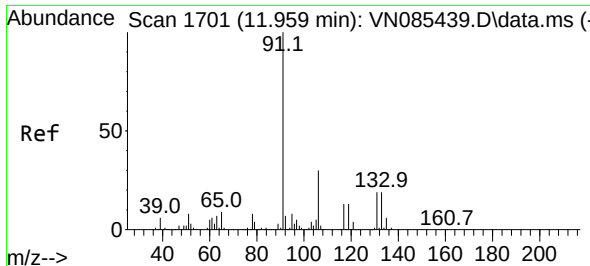
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.873 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

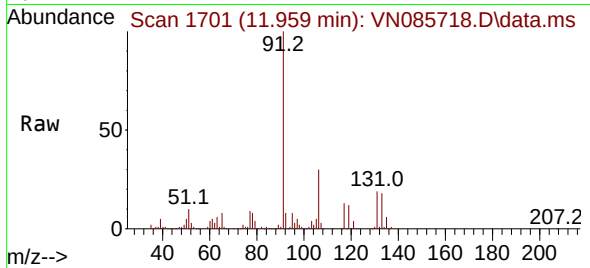
Tgt Ion:131 Resp: 154927
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.3
119 65.2 33.1 99.5





#67
Ethyl Benzene
Concen: 58.984 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

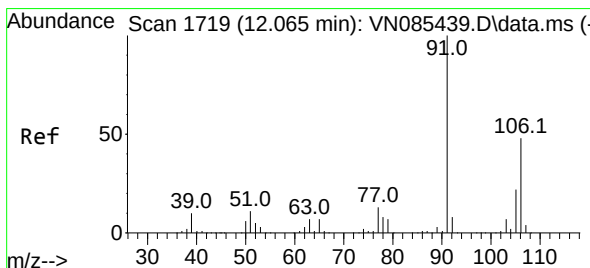
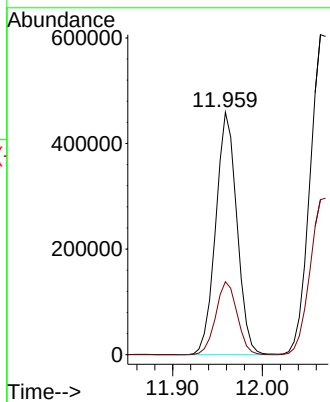
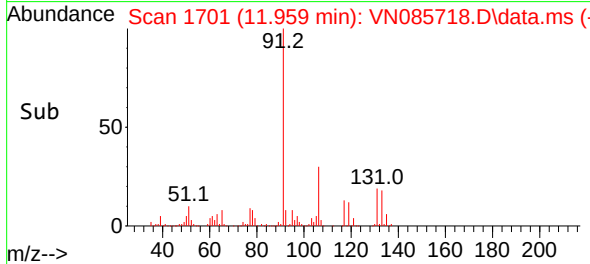
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



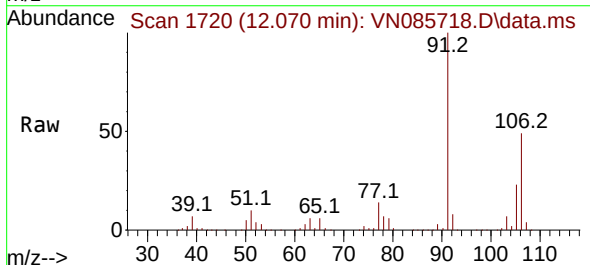
Tgt Ion: 91 Resp: 752758
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8

Manual Integrations
APPROVED

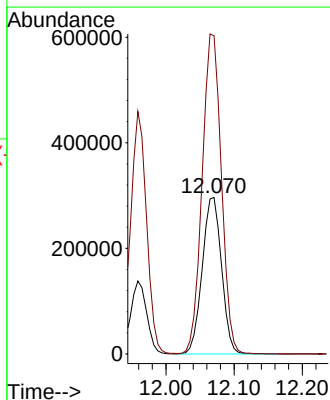
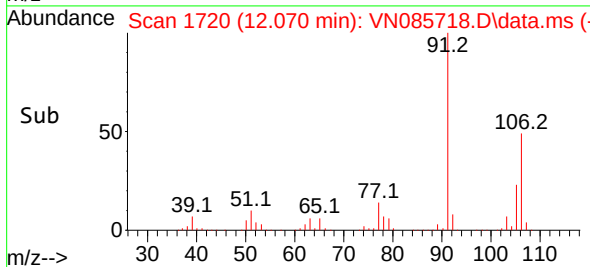
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

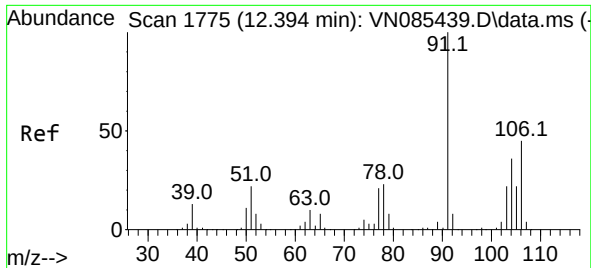


#68
m/p-Xylenes
Concen: 123.696 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12



Tgt Ion:106 Resp: 583434
Ion Ratio Lower Upper
106 100
91 203.7 167.7 251.5





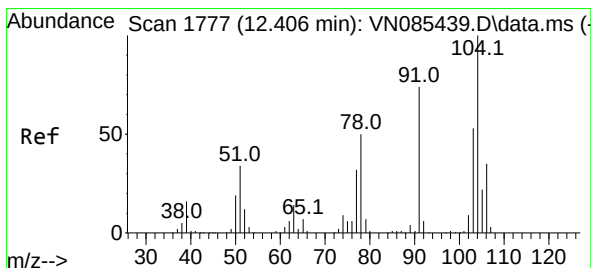
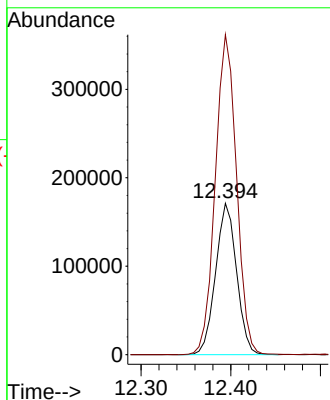
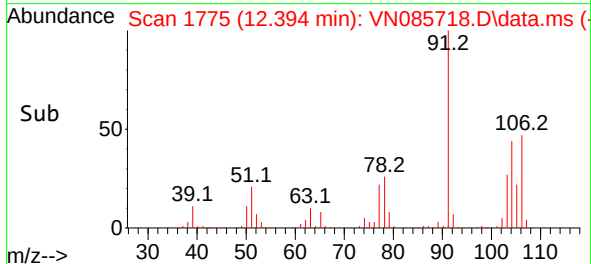
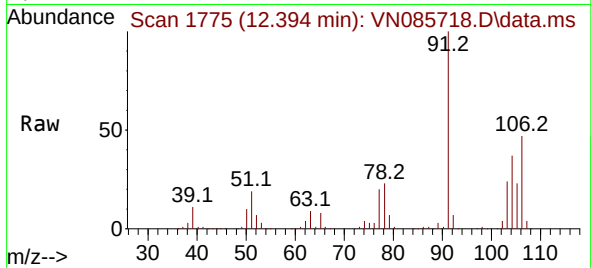
#69
o-Xylene
Concen: 61.619 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 277750
Ion Ratio Lower Upper
106 100
91 214.2 110.4 331.2

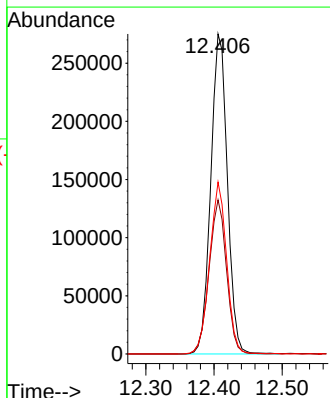
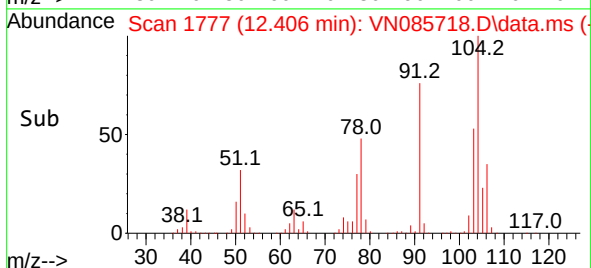
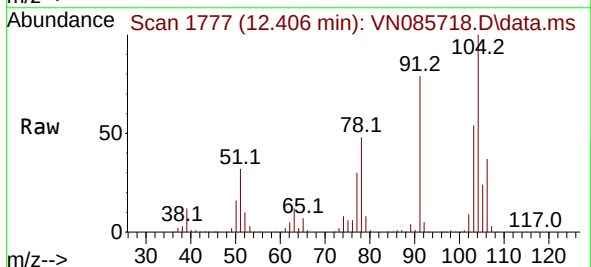
Manual Integrations
APPROVED

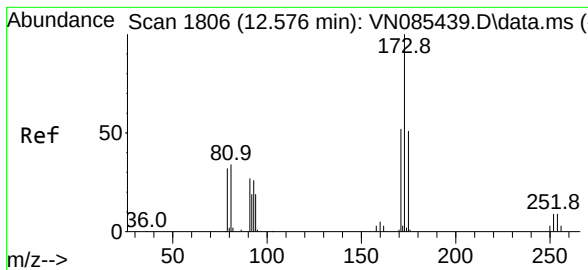
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#70
Styrene
Concen: 62.646 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

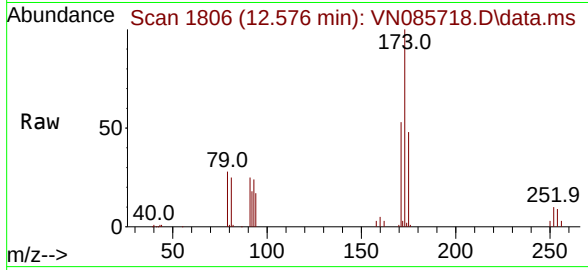
Tgt Ion:104 Resp: 467336
Ion Ratio Lower Upper
104 100
78 50.4 42.5 63.7
103 55.0 43.8 65.8





#71
Bromoform
Concen: 57.864 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

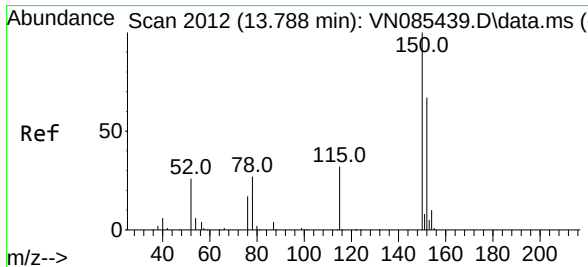
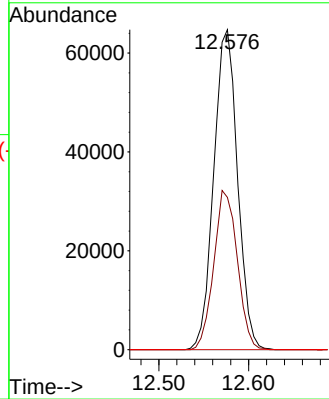
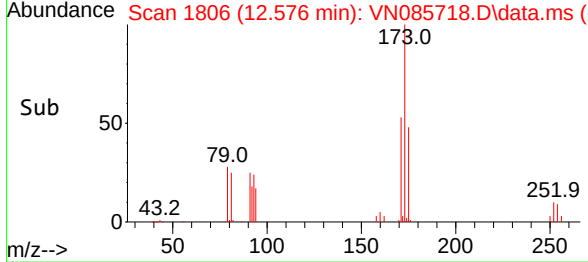
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 11906
Ion Ratio Lower Upper
173 100
175 49.3 24.4 73.2
254 0.0 0.0 0.0

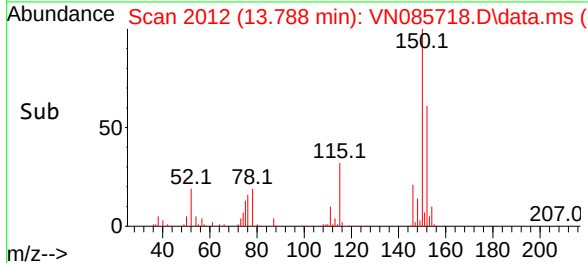
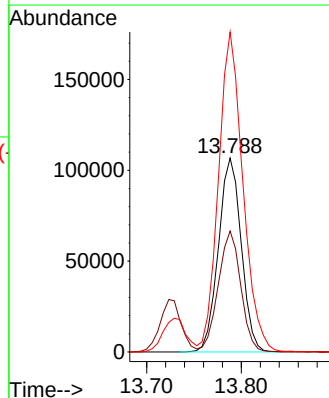
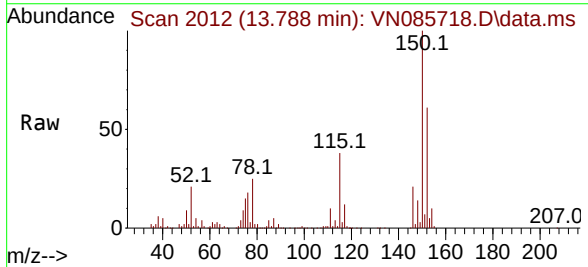
Manual Integrations
APPROVED

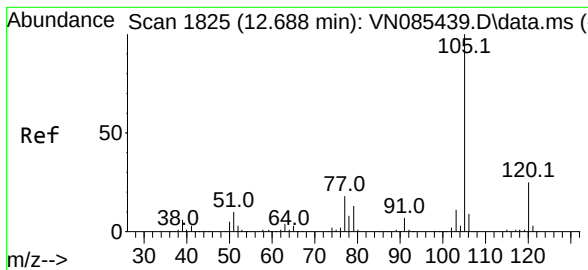
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

Tgt Ion:152 Resp: 178725
Ion Ratio Lower Upper
152 100
115 61.6 31.1 93.3
150 176.9 0.0 343.6





#73
Isopropylbenzene
Concen: 56.926 ug/l
RT: 12.694 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

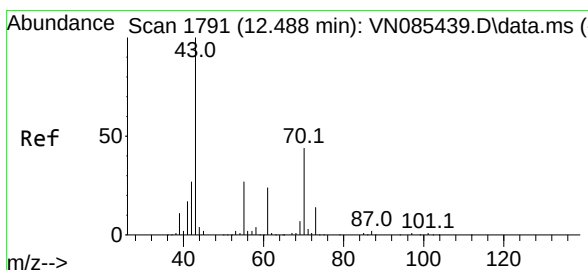
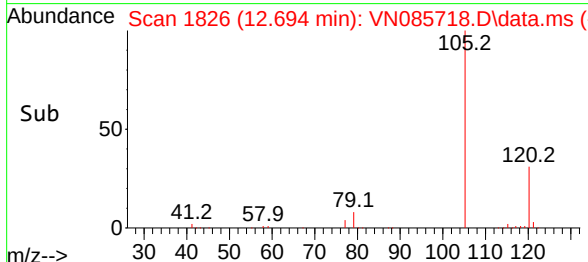
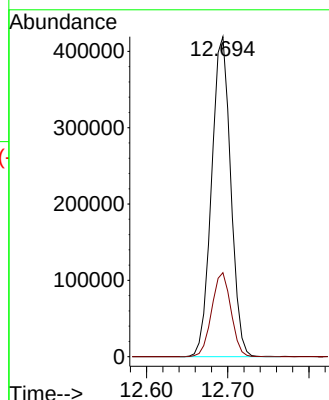
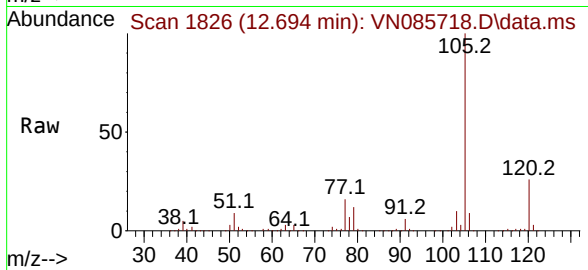
VSTDCCC050

Tgt Ion:105 Resp: 686662
Ion Ratio Lower Upper
105 100
120 26.3 12.8 38.3

Manual Integrations

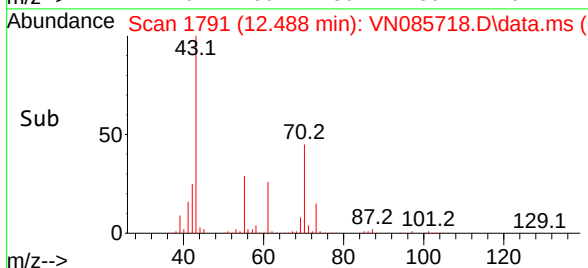
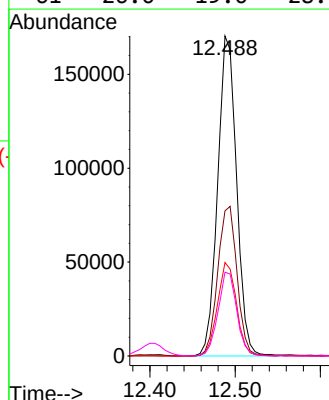
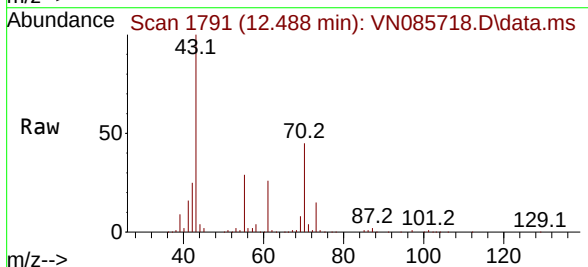
APPROVED

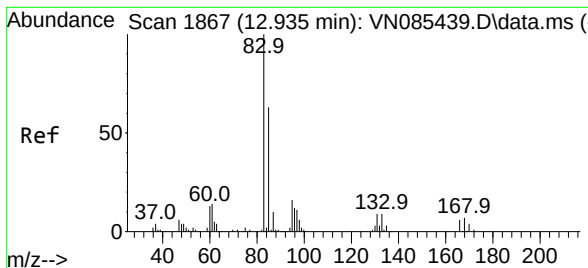
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#74
N-ethyl acetate
Concen: 48.499 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

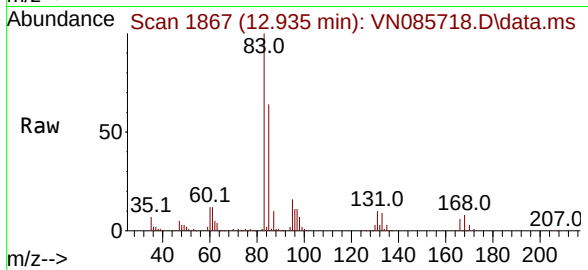
Tgt Ion: 43 Resp: 262954
Ion Ratio Lower Upper
43 100
70 47.8 34.0 51.0
55 29.4 21.4 32.2
61 26.0 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 49.885 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

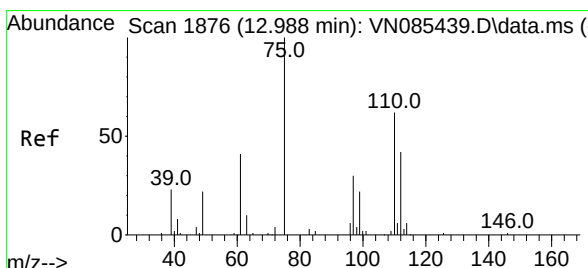
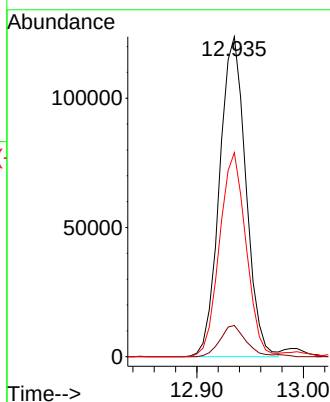
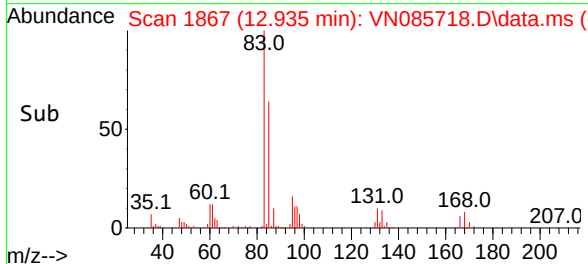
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 212558
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 64.3 32.2 96.6

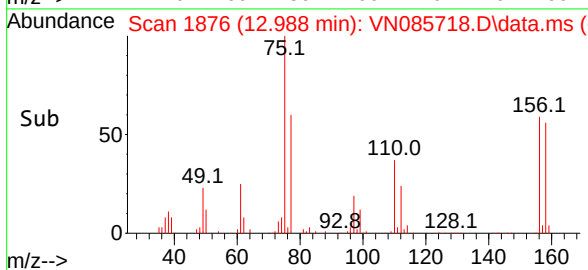
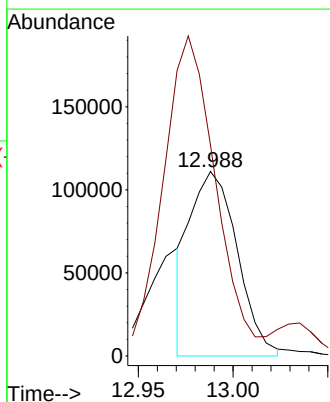
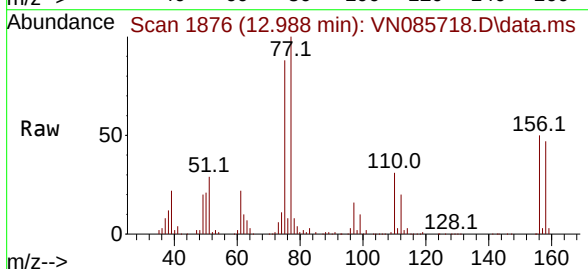
Manual Integrations
APPROVED

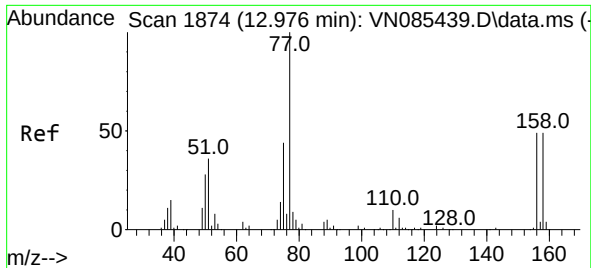
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#76
1,2,3-Trichloropropane
Concen: 53.011 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

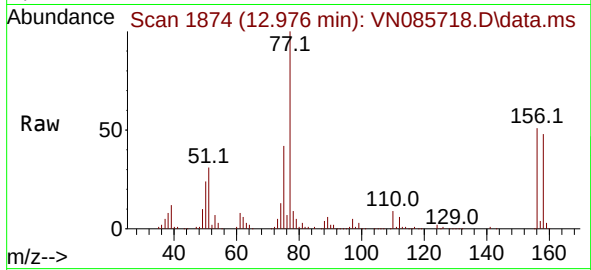
Tgt Ion: 75 Resp: 192569
Ion Ratio Lower Upper
75 100
77 195.6 109.7 329.2





#77
Bromobenzene
Concen: 54.464 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

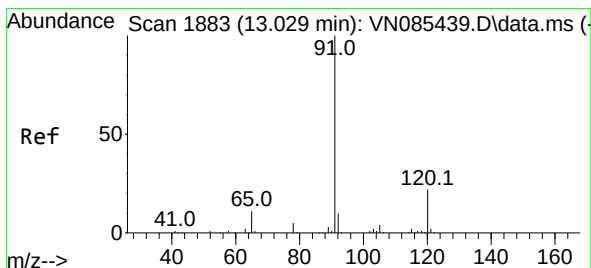
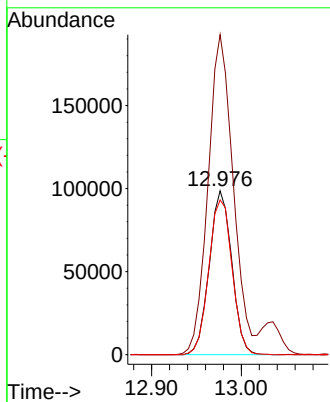
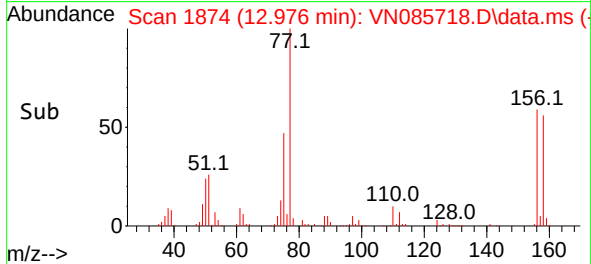
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 17164
Ion Ratio Lower Upper
156 100
77 219.4 114.1 342.4
158 98.1 48.9 146.8

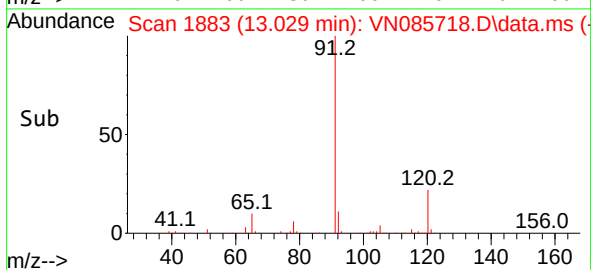
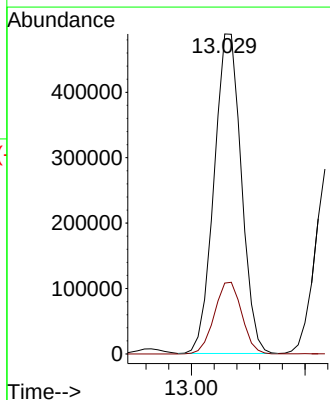
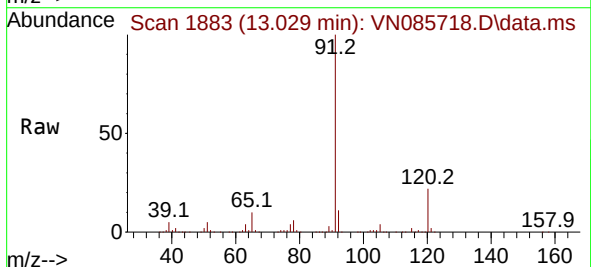
Manual Integrations
APPROVED

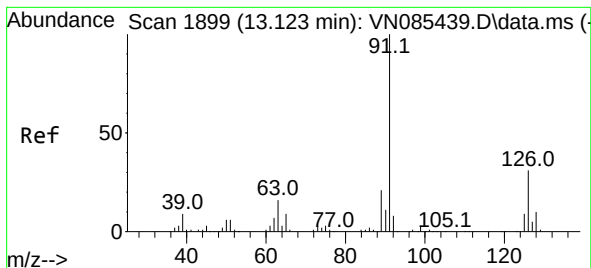
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#78
n-propylbenzene
Concen: 57.018 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

Tgt Ion: 91 Resp: 814210
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.6





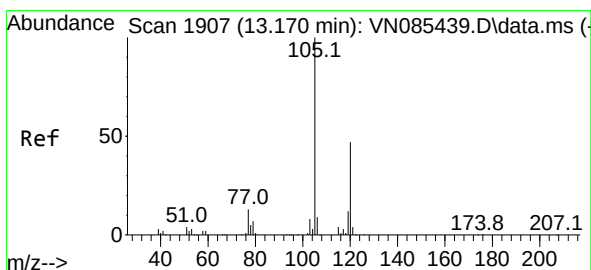
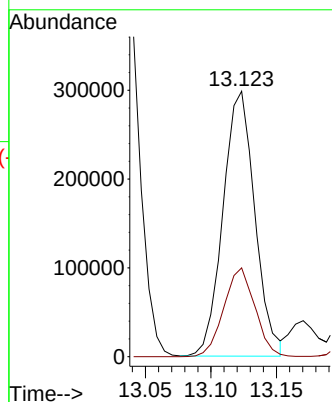
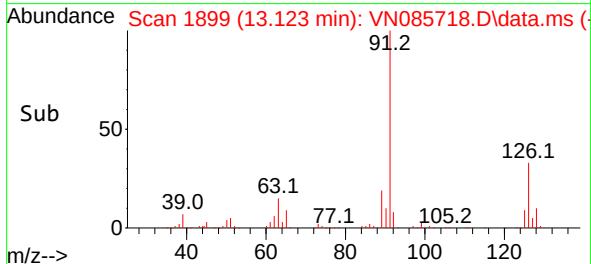
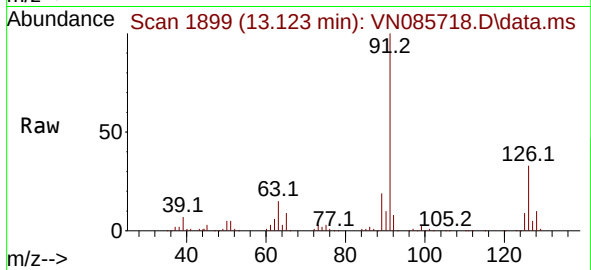
#79
2-Chlorotoluene
Concen: 54.618 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 504774
Ion Ratio Lower Upper
91 100
126 32.8 15.7 47.1

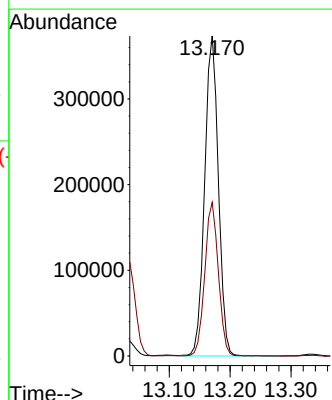
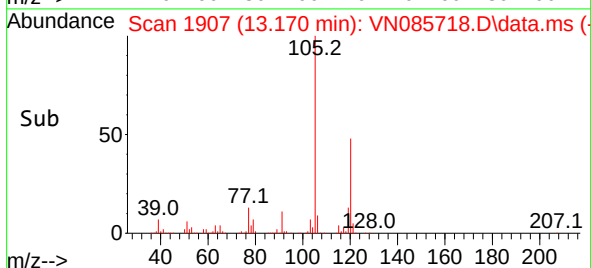
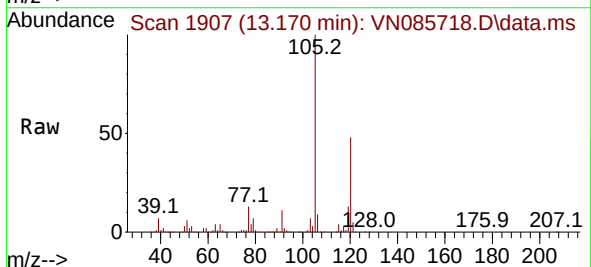
Manual Integrations
APPROVED

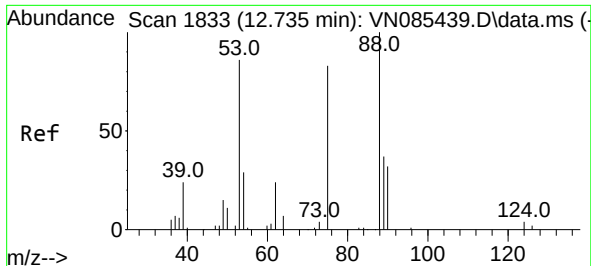
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 58.769 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

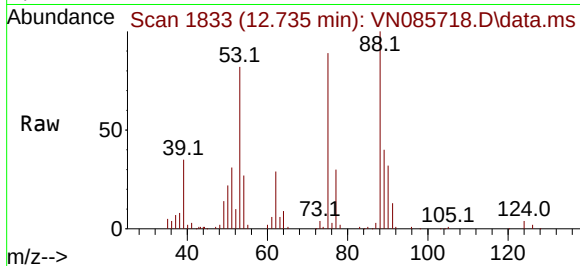
Tgt Ion:105 Resp: 585555
Ion Ratio Lower Upper
105 100
120 47.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 56.947 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

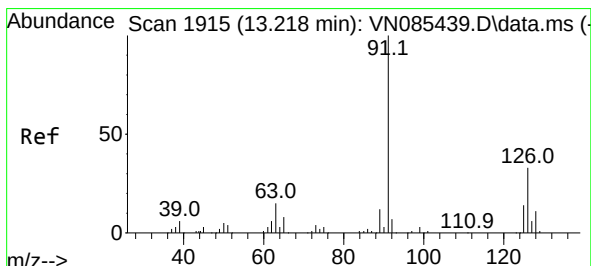
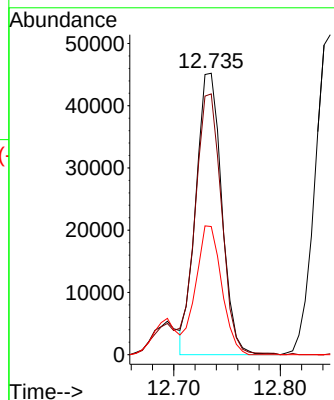
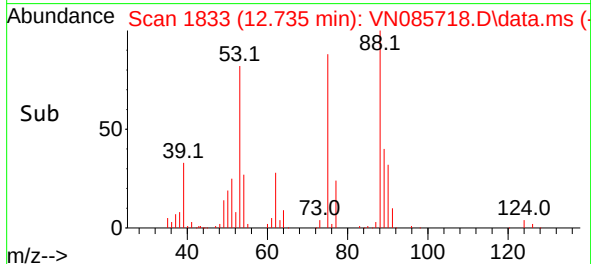
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



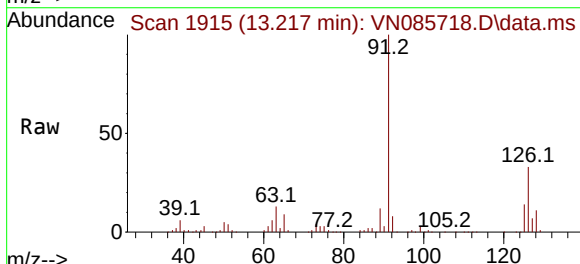
Tgt Ion: 75 Resp: 76460
Ion Ratio Lower Upper
75 100
53 104.8 95.6 143.4
89 46.0 37.0 55.6

Manual Integrations
APPROVED

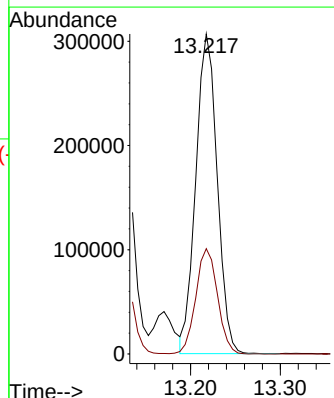
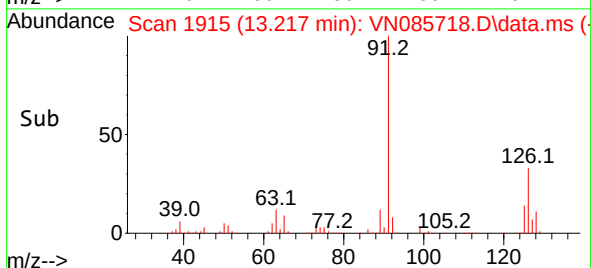
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

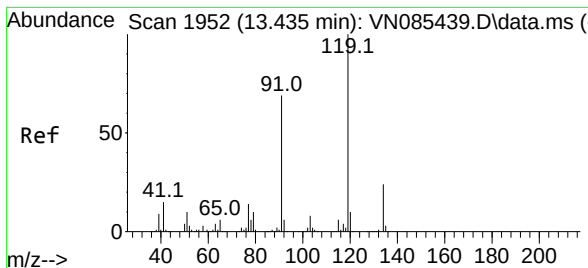


#82
4-Chlorotoluene
Concen: 55.232 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12



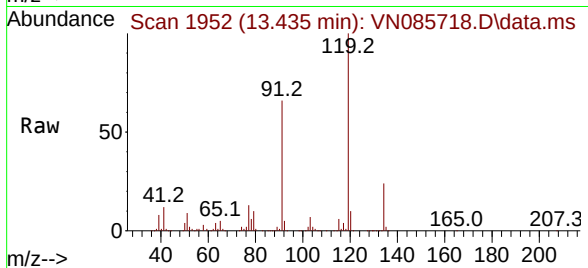
Tgt Ion: 91 Resp: 508244
Ion Ratio Lower Upper
91 100
126 33.4 15.9 47.7





#83
tert-Butylbenzene
Concen: 56.953 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

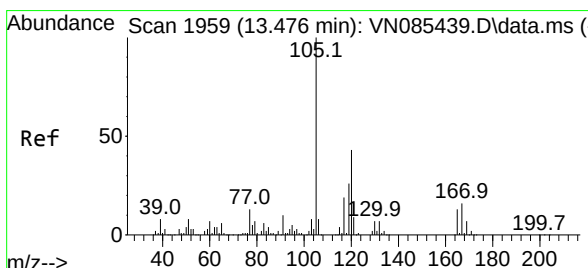
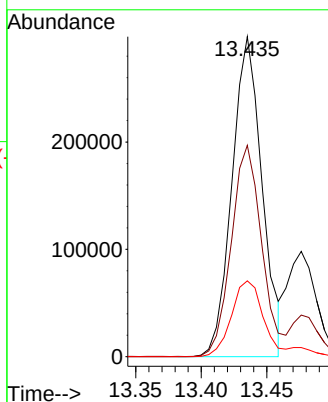
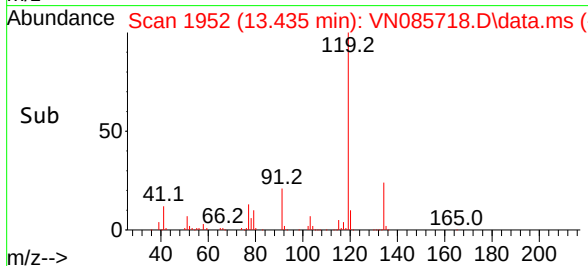
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



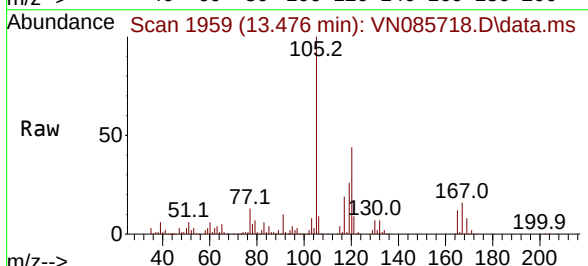
Tgt Ion:119 Resp: 476539
Ion Ratio Lower Upper
119 100
91 67.2 35.1 105.3
134 25.0 12.0 36.1

Manual Integrations
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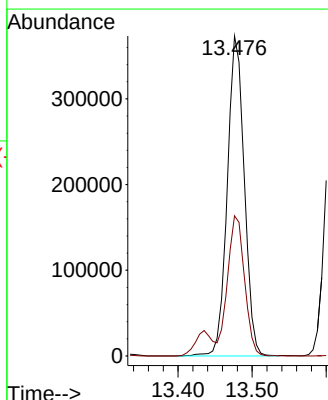
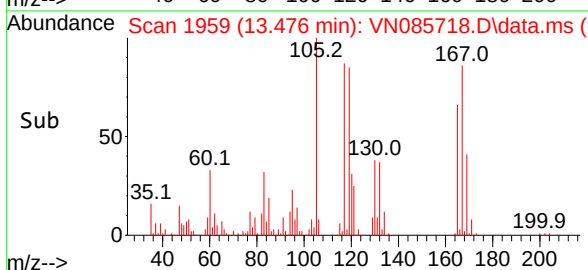
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

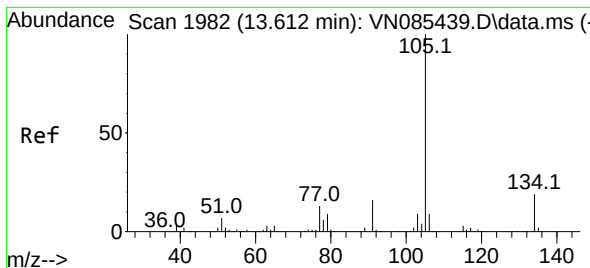


#84
1,2,4-Trimethylbenzene
Concen: 59.810 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12



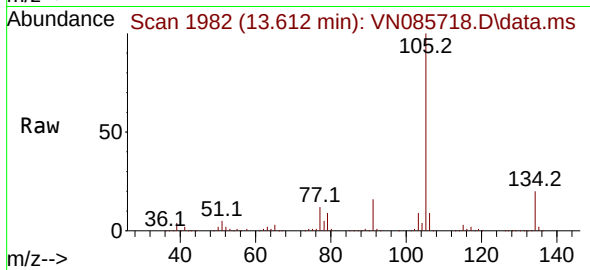
Tgt Ion:105 Resp: 593942
Ion Ratio Lower Upper
105 100
120 43.6 21.6 65.0





#85
 sec-Butylbenzene
 Concen: 58.074 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085718.D
 Acq: 10 Feb 2025 12:12

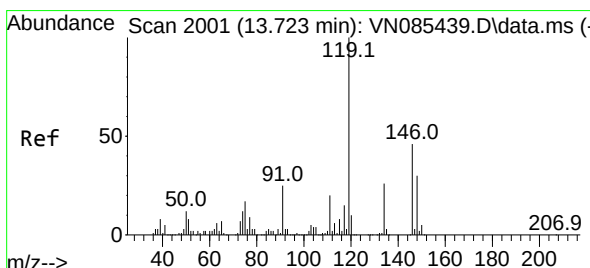
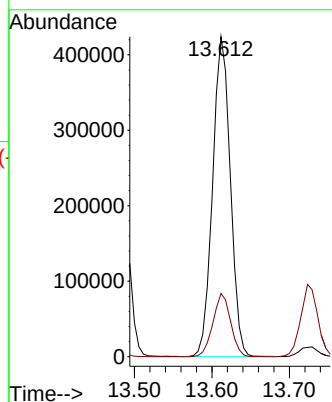
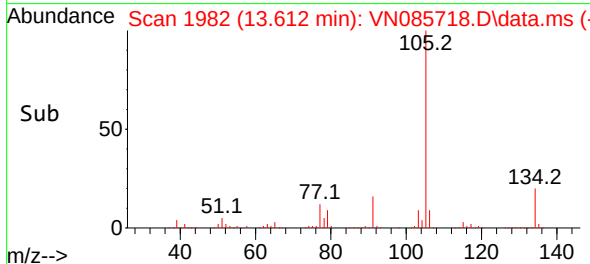
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



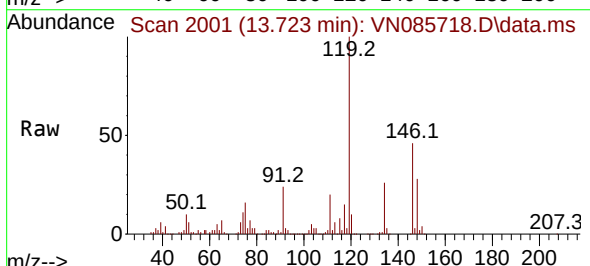
Tgt Ion:105 Resp: 673470
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9

Manual Integrations
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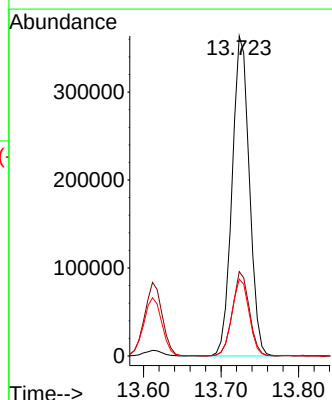
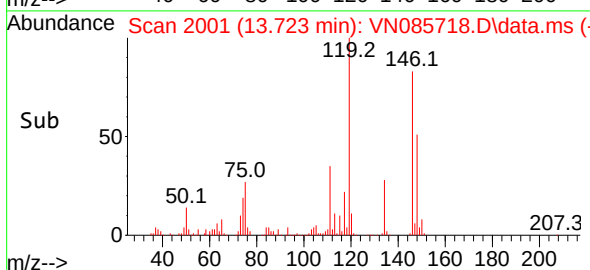
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

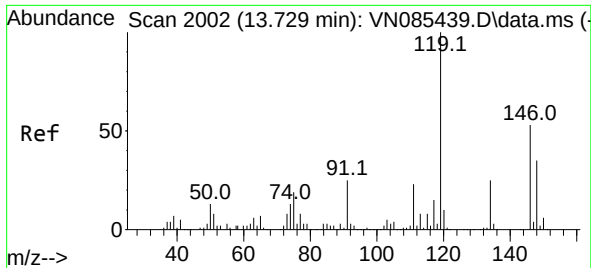


#86
 p-Isopropyltoluene
 Concen: 53.564 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085718.D
 Acq: 10 Feb 2025 12:12



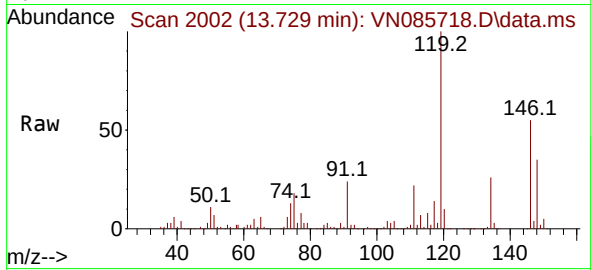
Tgt Ion:119 Resp: 564266
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.0
 91 23.9 12.7 38.1





#87
 1,3-Dichlorobenzene
 Concen: 54.836 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085718.D
 Acq: 10 Feb 2025 12:12

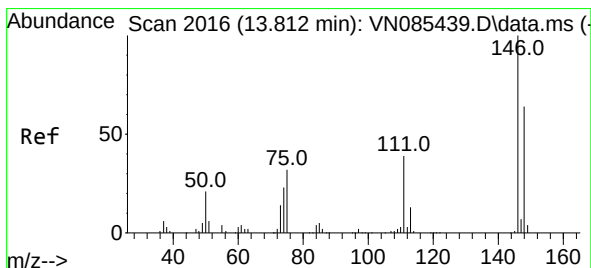
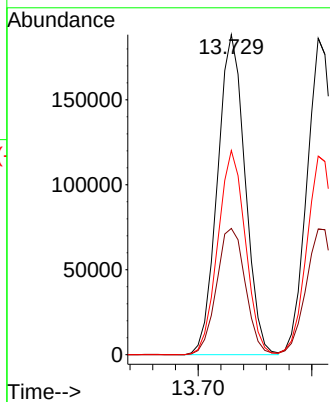
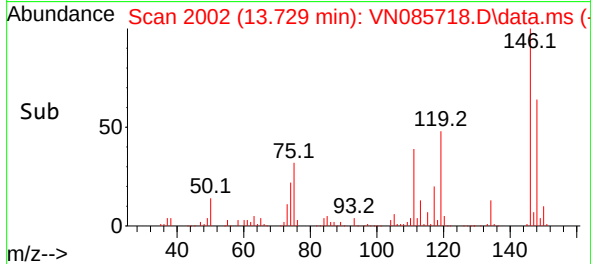
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



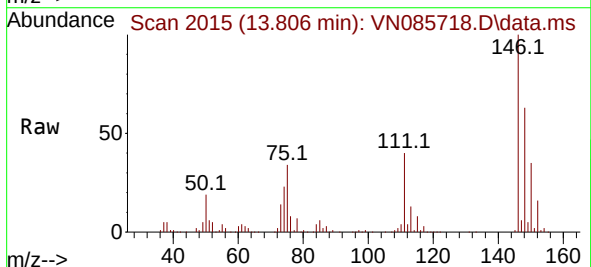
Tgt Ion:146 Resp: 318250
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.4 64.3
 148 63.5 32.3 96.9

Manual Integrations
 APPROVED

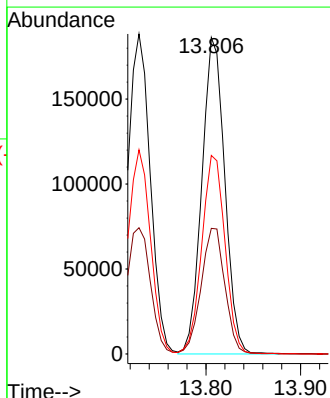
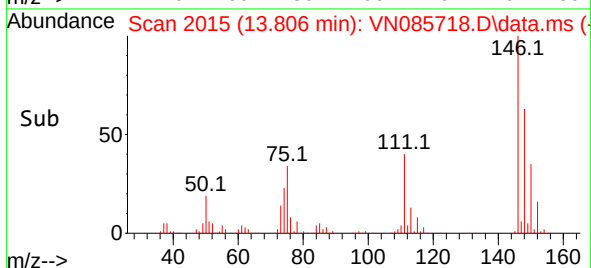
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

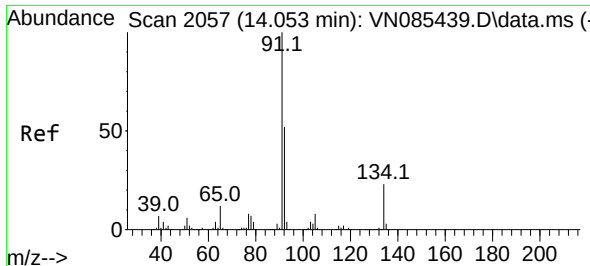


#88
 1,4-Dichlorobenzene
 Concen: 52.102 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: VN085718.D
 Acq: 10 Feb 2025 12:12



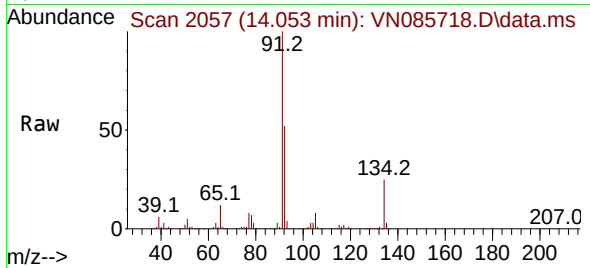
Tgt Ion:146 Resp: 313432
 Ion Ratio Lower Upper
 146 100
 111 40.8 21.3 63.7
 148 63.8 32.4 97.0





#89
n-Butylbenzene
Concen: 56.437 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

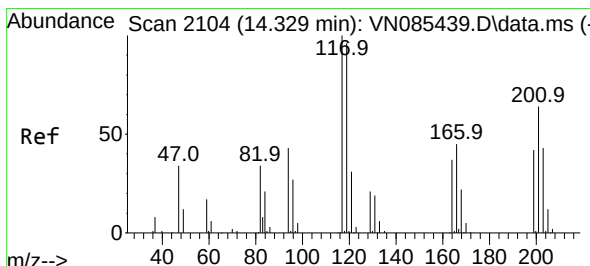
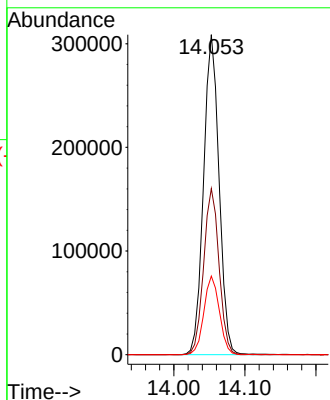
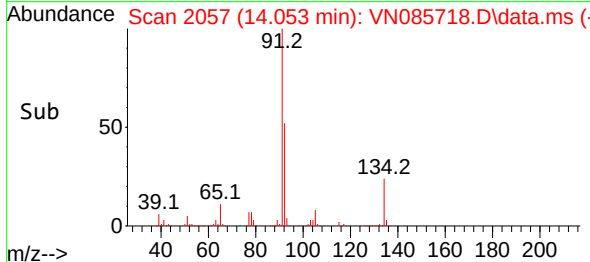
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 46952
Ion Ratio Lower Upper
91 100
92 51.5 25.8 77.3
134 24.5 11.7 35.1

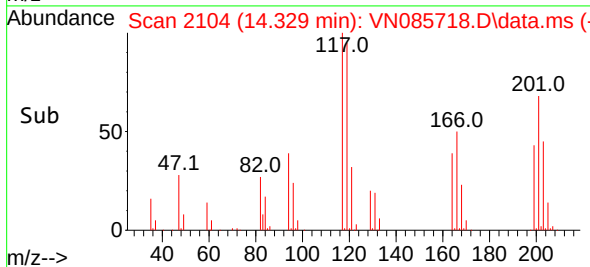
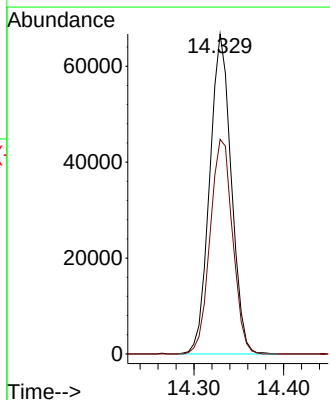
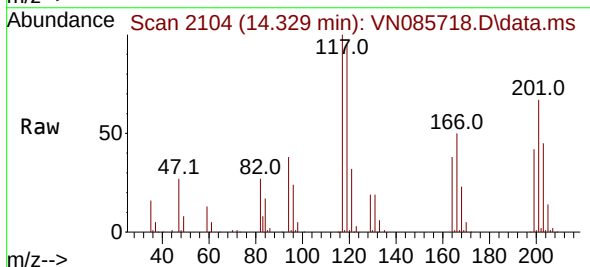
Manual Integrations
APPROVED

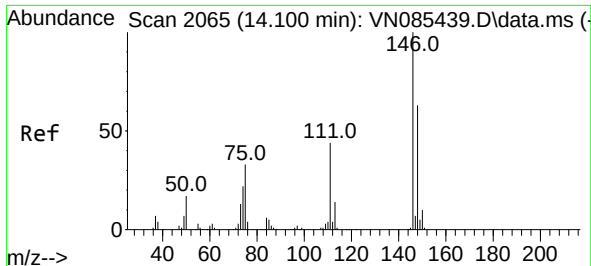
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#90
Hexachloroethane
Concen: 50.537 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

Tgt Ion:117 Resp: 111568
Ion Ratio Lower Upper
117 100
201 69.8 33.7 101.0





#91

1,2-Dichlorobenzene

Concen: 52.904 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VN085718.D

Acq: 10 Feb 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 30626

Ion Ratio Lower Upper

146 100

111 43.0 21.7 65.1

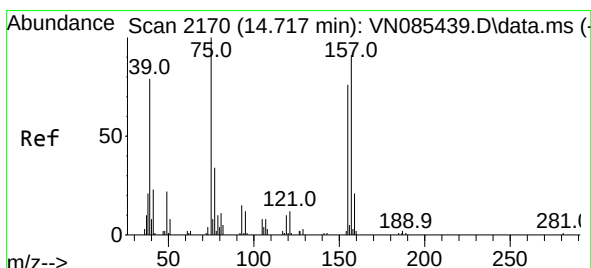
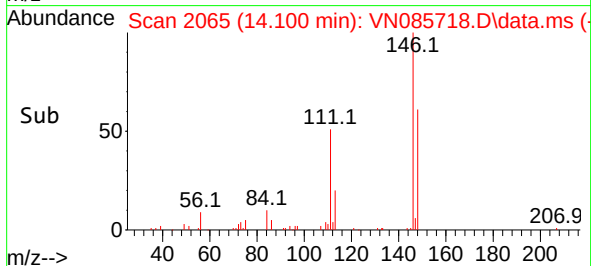
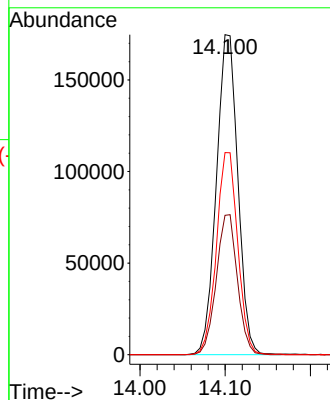
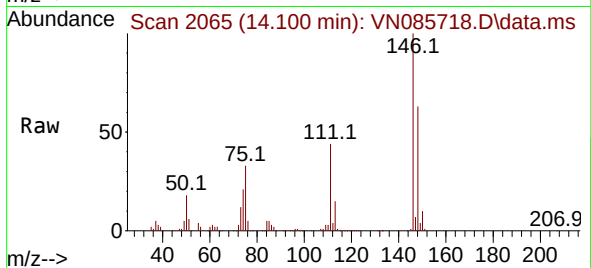
148 62.8 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.239 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN085718.D

Acq: 10 Feb 2025 12:12

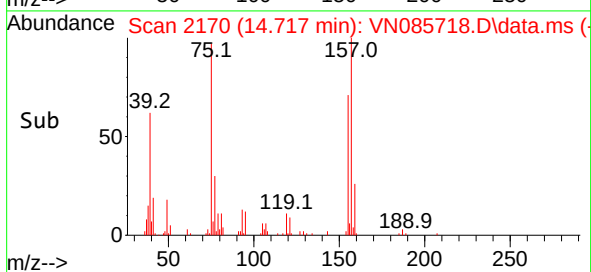
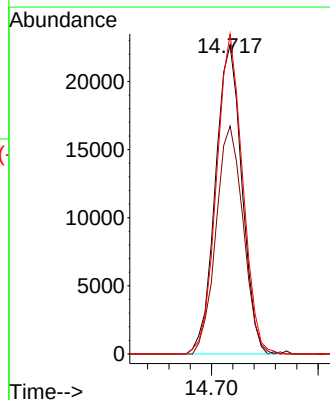
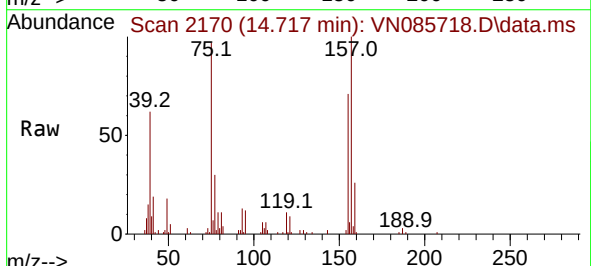
Tgt Ion: 75 Resp: 39090

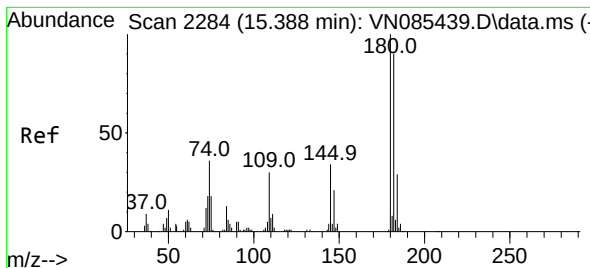
Ion Ratio Lower Upper

75 100

155 75.8 36.4 109.2

157 101.8 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 55.254 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN085718.D

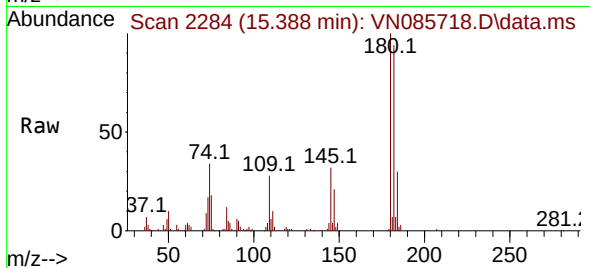
Acq: 10 Feb 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 148670

Ion Ratio Lower Upper

180 100

182 94.0 46.8 140.3

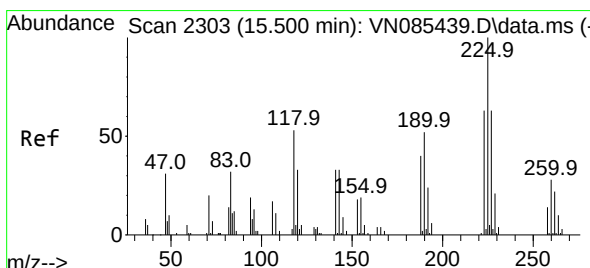
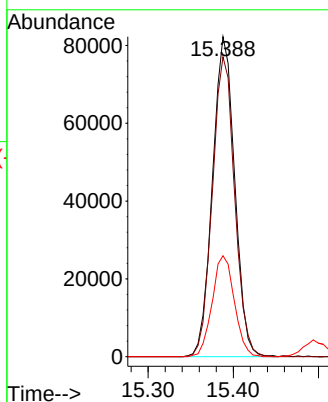
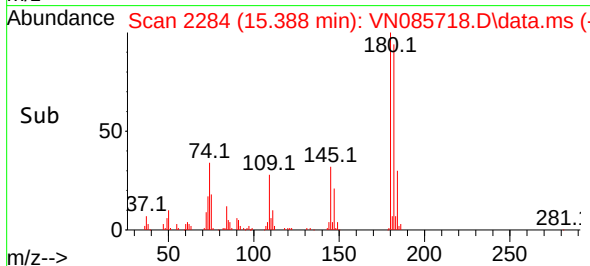
145 31.6 16.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#94

Hexachlorobutadiene

Concen: 50.694 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN085718.D

Acq: 10 Feb 2025 12:12

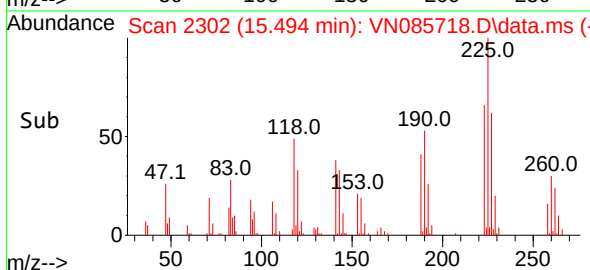
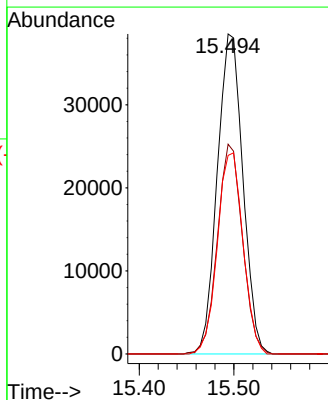
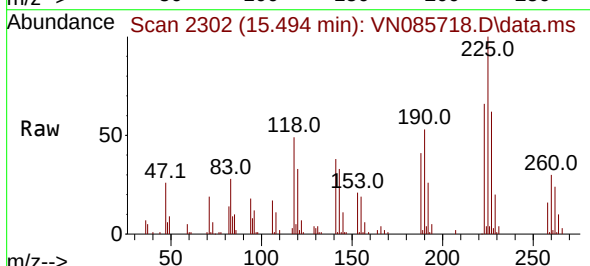
Tgt Ion:225 Resp: 72416

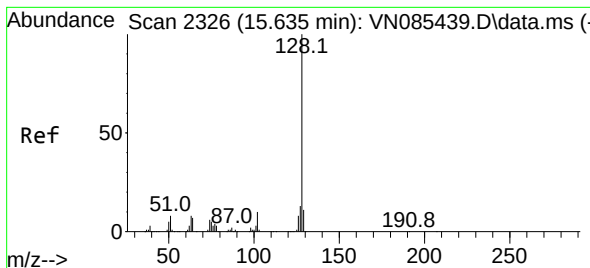
Ion Ratio Lower Upper

225 100

223 64.1 30.7 92.1

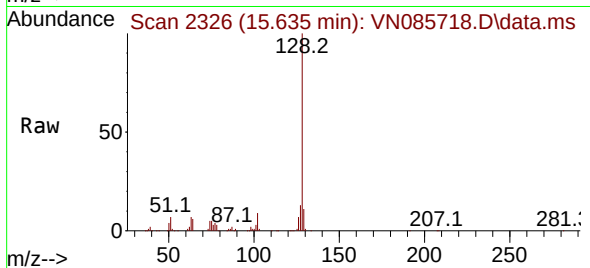
227 62.9 30.9 92.5





#95
Naphthalene
Concen: 56.542 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12

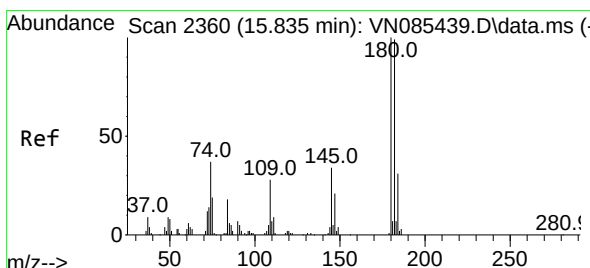
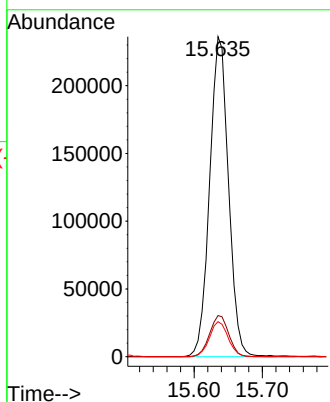
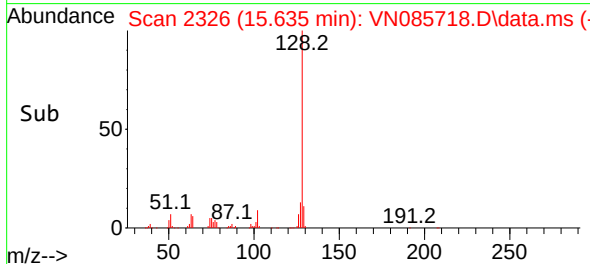
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



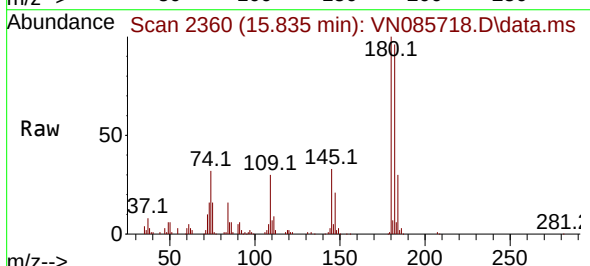
Tgt Ion:128 Resp: 45397
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.826 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085718.D
Acq: 10 Feb 2025 12:12



Tgt Ion:180 Resp: 146543
Ion Ratio Lower Upper
180 100
182 95.0 47.4 142.2
145 33.7 16.9 50.7

