

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085645.D
 Acq On : 04 Feb 2025 11:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 05 01:01:32 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 02/05/2025
 Supervised By : Mahesh Dadoda 02/06/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	200704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	345148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154798	47.780	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.560%		
35) Dibromofluoromethane	8.165	113	127274	53.153	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.300%		
50) Toluene-d8	10.565	98	473979	55.713	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	111.420%		
62) 4-Bromofluorobenzene	12.847	95	163009	56.013	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	112.020%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	168819	62.124	ug/l	98
3) Chloromethane	2.359	50	151639	51.538	ug/l	99
4) Vinyl Chloride	2.512	62	185363	62.678	ug/l	98
5) Bromomethane	2.942	94	115992	64.931	ug/l	95
6) Chloroethane	3.118	64	116980	62.391	ug/l	98
7) Trichlorofluoromethane	3.495	101	227801	53.087	ug/l	99
8) Diethyl Ether	3.959	74	75659	51.037	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	136051	56.291	ug/l	97
10) Methyl Iodide	4.589	142	171090	61.814	ug/l	96
11) Tert butyl alcohol	5.518	59	90596	244.210	ug/l	100
12) 1,1-Dichloroethene	4.336	96	124529	57.812	ug/l	91
13) Acrolein	4.177	56	85431	168.697	ug/l	99
14) Allyl chloride	5.024	41	157091	44.944	ug/l #	94
15) Acrylonitrile	5.718	53	303850	257.863	ug/l	99
16) Acetone	4.424	43	236574	225.997	ug/l	94
17) Carbon Disulfide	4.712	76	378039	57.001	ug/l	98
18) Methyl Acetate	5.018	43	143957	45.225	ug/l	92
19) Methyl tert-butyl Ether	5.795	73	384956	55.039	ug/l	98
20) Methylene Chloride	5.277	84	141744	54.697	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	132371	57.502	ug/l	94
22) Diisopropyl ether	6.671	45	381754	49.208	ug/l	97
23) Vinyl Acetate	6.600	43	1409531	259.616	ug/l	95
24) 1,1-Dichloroethane	6.565	63	245805	51.962	ug/l	98
25) 2-Butanone	7.477	43	372307	241.685	ug/l	91
26) 2,2-Dichloropropane	7.489	77	220150	57.562	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	155112	57.208	ug/l	93
28) Bromochloromethane	7.806	49	95572	43.426	ug/l	87
29) Tetrahydrofuran	7.836	42	249949	255.923	ug/l	89
30) Chloroform	7.965	83	252335	51.611	ug/l	100
31) Cyclohexane	8.253	56	204306	49.690	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	225191	52.509	ug/l	96
36) 1,1-Dichloropropene	8.371	75	183927	54.731	ug/l	98
37) Ethyl Acetate	7.559	43	159199	46.933	ug/l	98
38) Carbon Tetrachloride	8.359	117	202078	52.524	ug/l	99
39) Methylcyclohexane	9.600	83	195859	62.021	ug/l	93
40) Benzene	8.606	78	567137	56.166	ug/l	99

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Supervised By :Mahesh Dadoda 02/06/2025

Quant Time: Feb 05 01:01:32 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	81539	46.204	ug/l	91
42) 1,2-Dichloroethane	8.671	62	185776	48.850	ug/l	97
43) Isopropyl Acetate	8.688	43	271553	49.962	ug/l	95
44) Trichloroethene	9.347	130	131785	56.068	ug/l	100
45) 1,2-Dichloropropane	9.618	63	137051	53.137	ug/l	99
46) Dibromomethane	9.706	93	97554	52.419	ug/l	96
47) Bromodichloromethane	9.882	83	202509	53.411	ug/l	98
48) Methyl methacrylate	9.677	41	122409	50.045	ug/l	89
49) 1,4-Dioxane	9.694	88	47051	1142.294	ug/l #	89
51) 4-Methyl-2-Pentanone	10.441	43	800853	253.917	ug/l	94
52) Toluene	10.629	92	351922	60.150	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	204407	57.048	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	221256	57.810	ug/l #	90
55) 1,1,2-Trichloroethane	11.012	97	129296	55.842	ug/l	99
56) Ethyl methacrylate	10.871	69	199066	50.997	ug/l	90
57) 1,3-Dichloropropane	11.159	76	225579	56.030	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	335470	228.313	ug/l	97
59) 2-Hexanone	11.194	43	580109	261.399	ug/l	91
60) Dibromochloromethane	11.359	129	152370	54.508	ug/l	98
61) 1,2-Dibromoethane	11.465	107	129588	56.226	ug/l	99
64) Tetrachloroethene	11.100	164	122776	58.273	ug/l	96
65) Chlorobenzene	11.888	112	380252	56.165	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	133801	53.847	ug/l	100
67) Ethyl Benzene	11.959	91	654450	59.349	ug/l	97
68) m/p-Xylenes	12.071	106	518534	127.234	ug/l	95
69) o-Xylene	12.394	106	241242	61.940	ug/l	96
70) Styrene	12.412	104	419116	65.022	ug/l	97
71) Bromoform	12.576	173	99802	56.133	ug/l #	98
73) Isopropylbenzene	12.694	105	606175	57.186	ug/l	99
74) N-amyl acetate	12.494	43	234045	49.123	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	188424	50.322	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	153753m	48.165	ug/l	
77) Bromobenzene	12.976	156	148155	53.497	ug/l	95
78) n-propylbenzene	13.035	91	731968	58.330	ug/l	99
79) 2-Chlorotoluene	13.123	91	439835	54.157	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	514612	58.774	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	68031	57.659	ug/l #	81
82) 4-Chlorotoluene	13.218	91	445323	55.070	ug/l	97
83) tert-Butylbenzene	13.435	119	411462	55.960	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	519388	59.518	ug/l	98
85) sec-Butylbenzene	13.612	105	605413	59.408	ug/l	99
86) p-Isopropyltoluene	13.729	119	506039	54.534	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	277733	54.455	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	278955	52.768	ug/l	97
89) n-Butylbenzene	14.053	91	429742	58.781	ug/l	99
90) Hexachloroethane	14.329	117	98723	50.887	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	266234	52.333	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33244	48.620	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	124629	52.709	ug/l	98
94) Hexachlorobutadiene	15.500	225	60840	48.466	ug/l	99
95) Naphthalene	15.641	128	394392	55.897	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	125197	52.330	ug/l	99

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Manual Integrations
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Response via : Initial Calibration

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

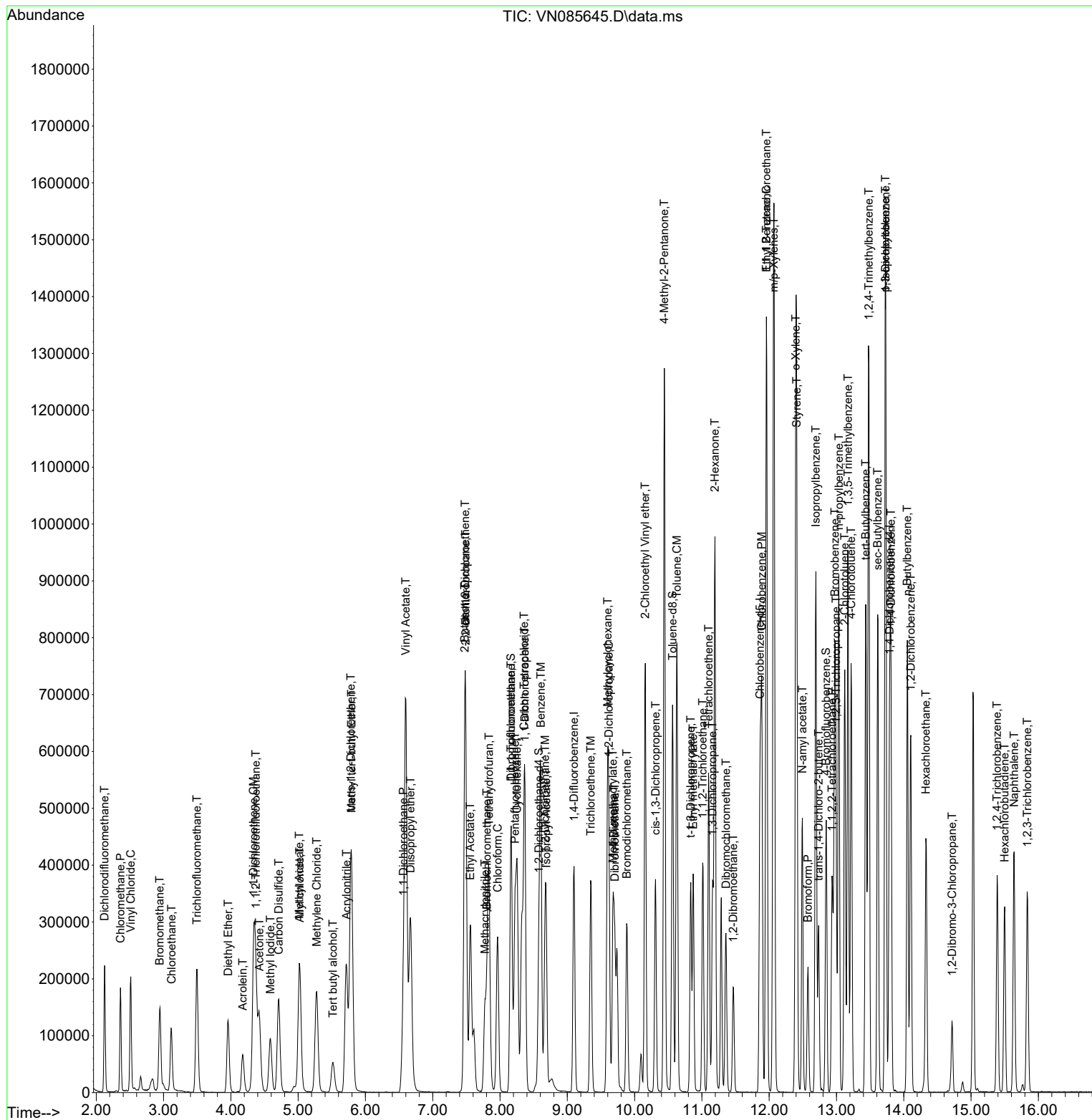
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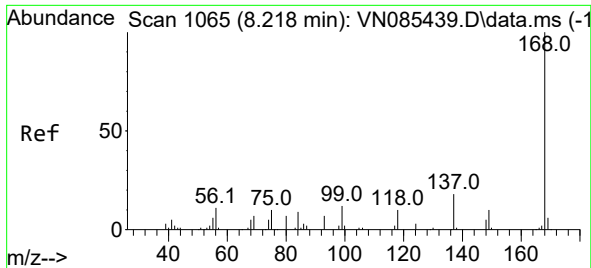
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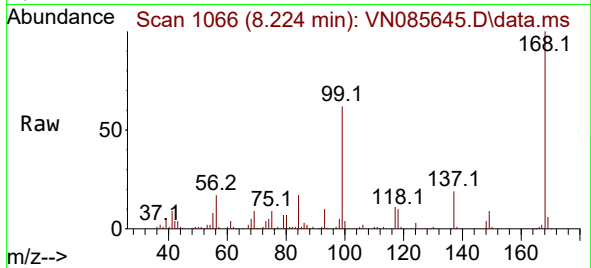
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

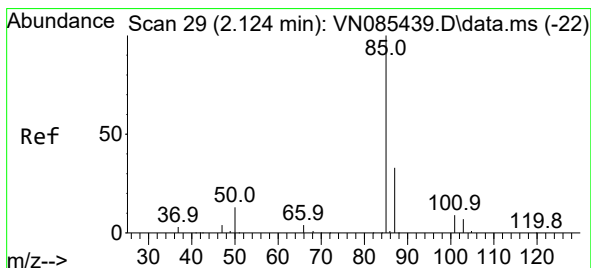
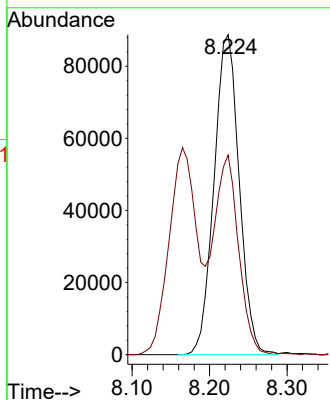
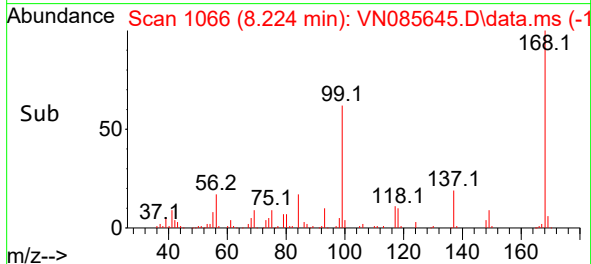
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 200704
Ion Ratio Lower Upper
168 100
99 62.0 53.6 80.4

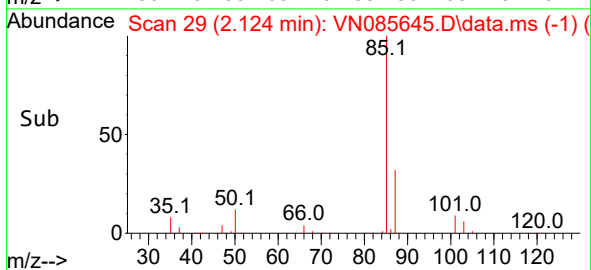
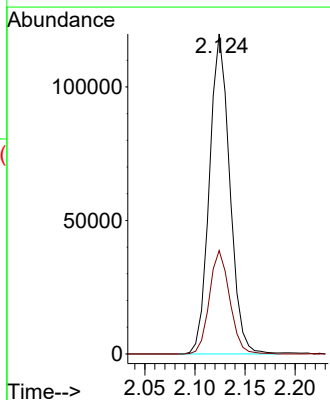
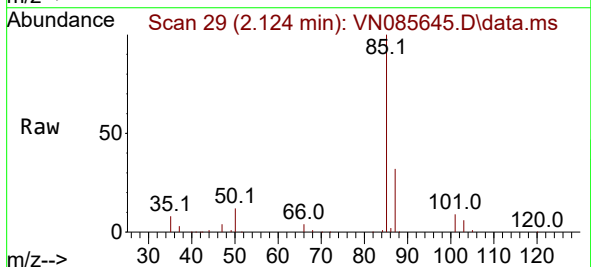
Manual Integrations
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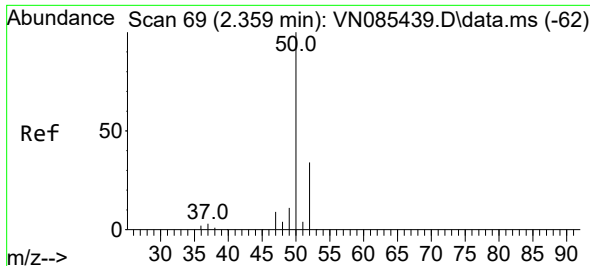
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#2
Dichlorodifluoromethane
Concen: 62.124 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

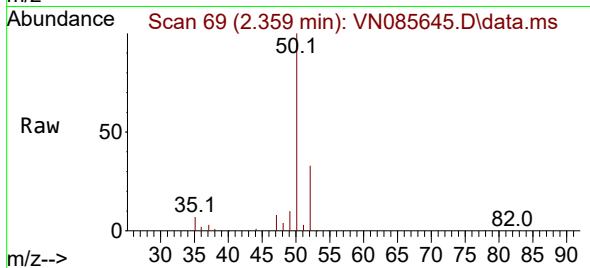
Tgt Ion: 85 Resp: 168819
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1





#3
Chloromethane
Concen: 51.538 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

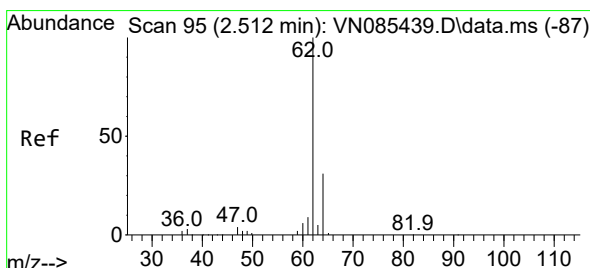
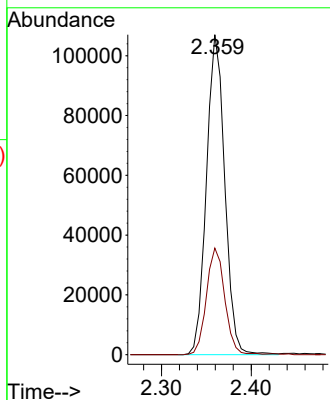
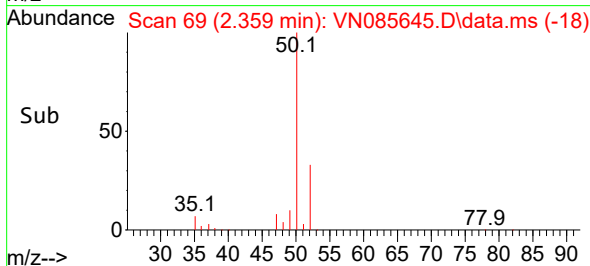
Instrument :
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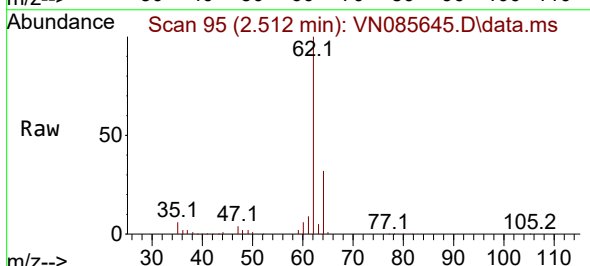
Tgt Ion: 50 Resp: 151639
Ion Ratio Lower Upper
50 100
52 33.3 27.0 40.6

Manual Integrations
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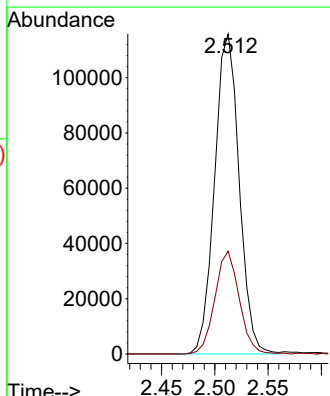
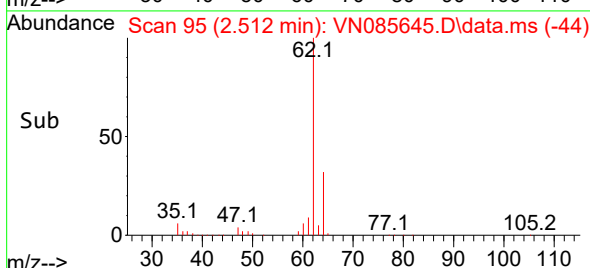
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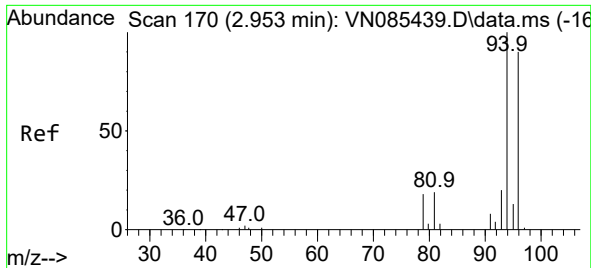


#4
Vinyl Chloride
Concen: 62.678 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05



Tgt Ion: 62 Resp: 185363
Ion Ratio Lower Upper
62 100
64 32.1 24.8 37.2





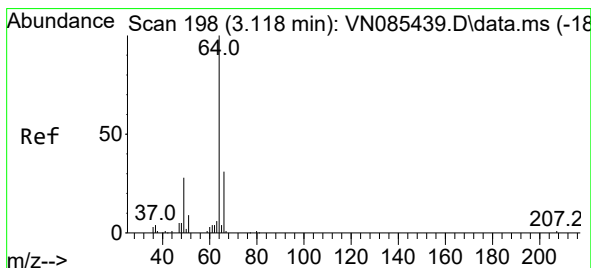
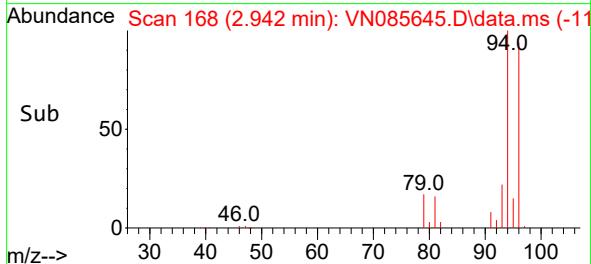
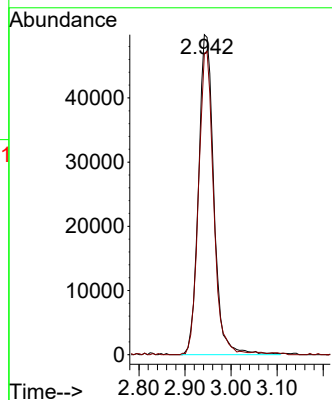
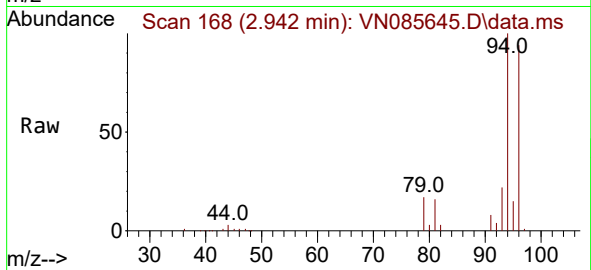
#5
Bromomethane
Concen: 64.931 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN085645.D
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Tgt Ion: 94 Resp: 115992
Ion Ratio Lower Upper
94 100
96 94.0 71.8 107.6

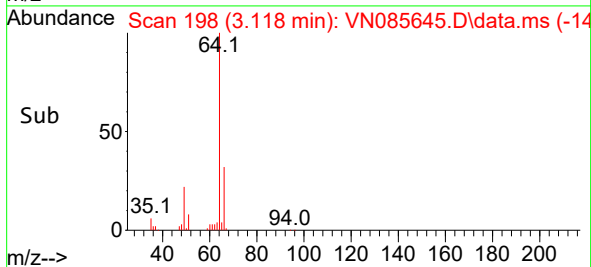
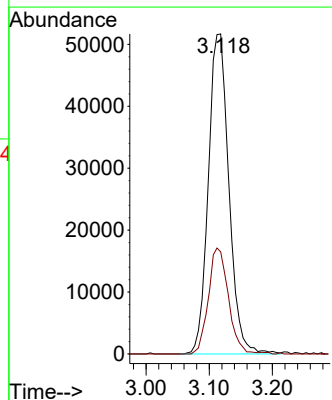
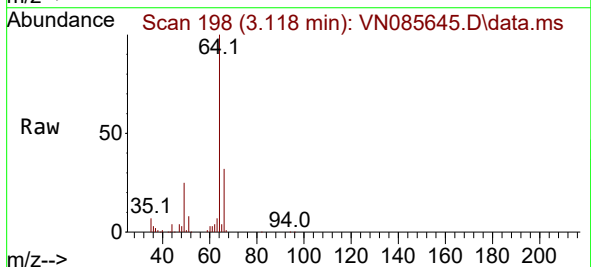
Manual Integrations
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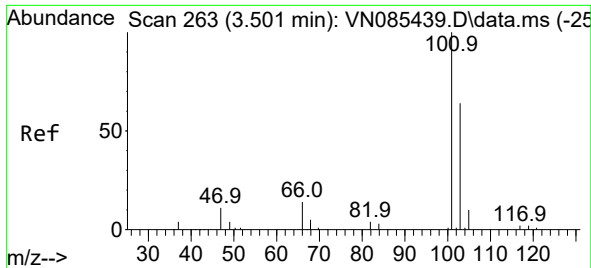
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#6
Chloroethane
Concen: 62.391 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Tgt Ion: 64 Resp: 116980
Ion Ratio Lower Upper
64 100
66 31.9 24.6 36.8





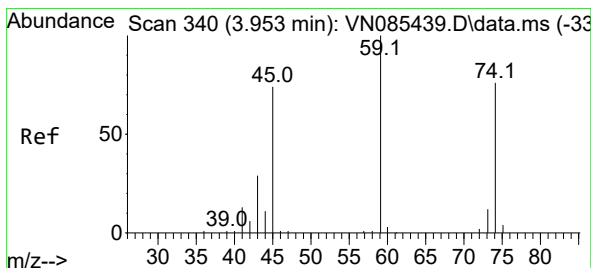
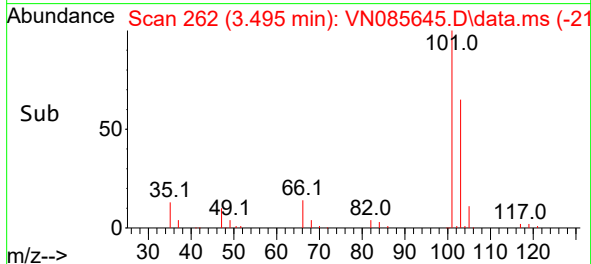
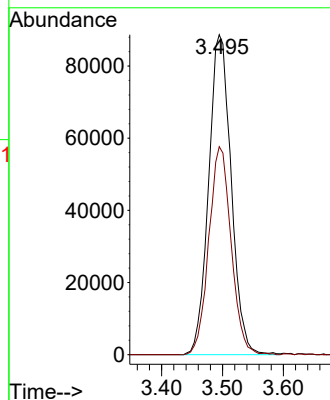
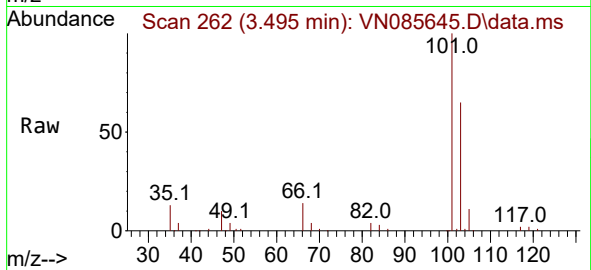
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Trichlorofluoromethane
Concen: 53.087 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN085645.D
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Tgt Ion:101 Resp: 22780
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

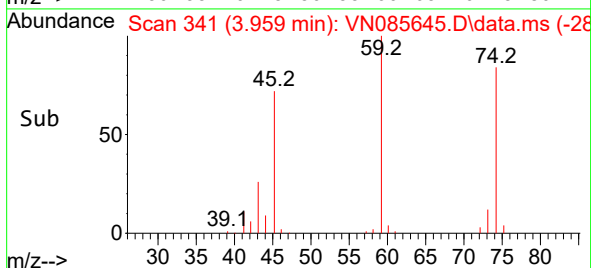
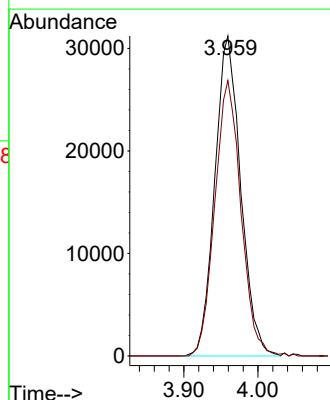
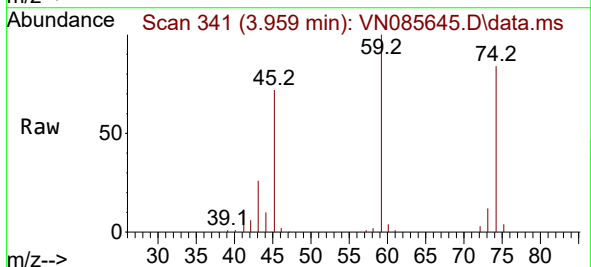
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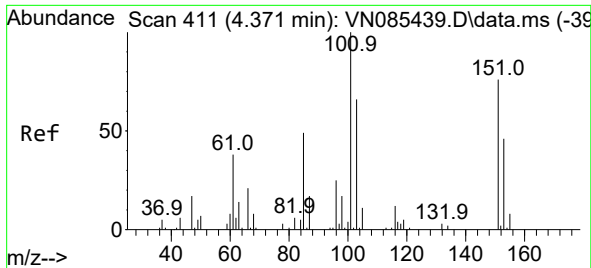
Reviewed By :John Carlone 02/05/2025
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#8
Diethyl Ether
Concen: 51.037 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Tgt Ion: 74 Resp: 75659
Ion Ratio Lower Upper
74 100
45 87.0 49.7 149.1





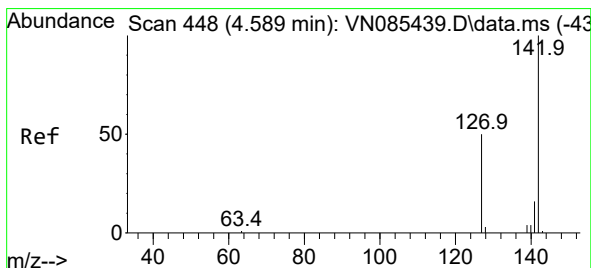
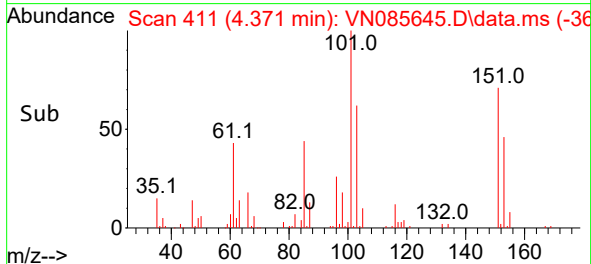
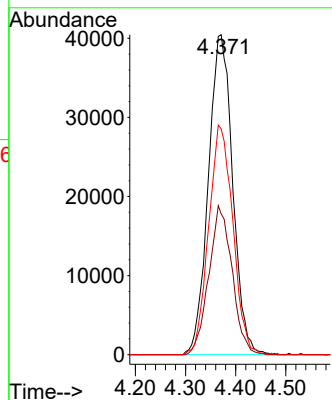
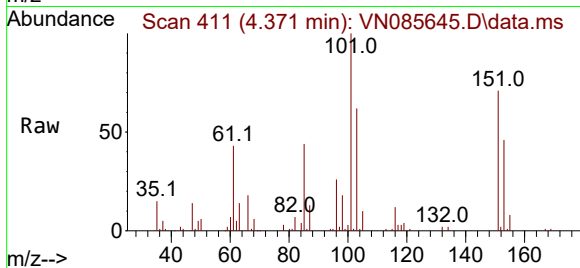
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.291 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13605
Ion Ratio Lower Upper
101 100
85 44.6 37.8 56.8
151 71.5 58.8 88.2

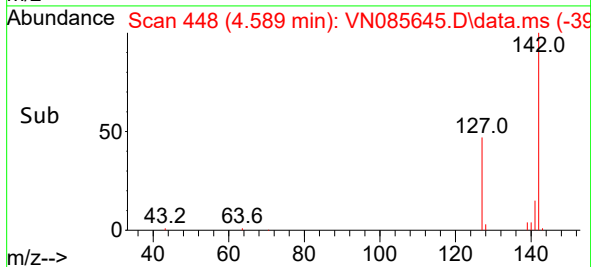
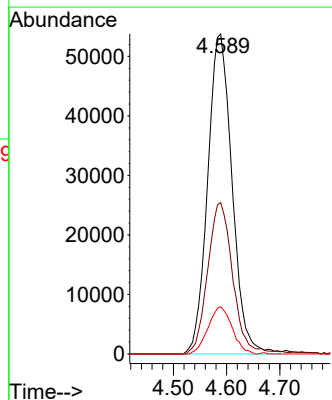
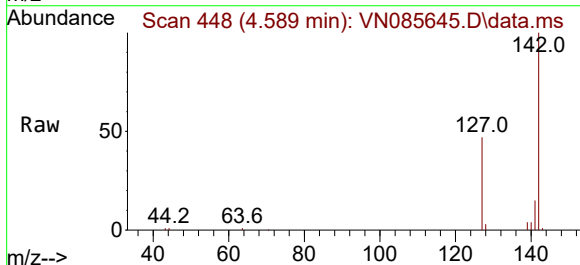
Manual Integrations
APPROVED

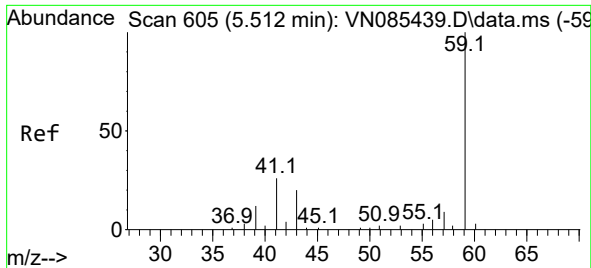
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#10
Methyl Iodide
Concen: 61.814 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Tgt Ion:142 Resp: 171090
Ion Ratio Lower Upper
142 100
127 47.3 40.3 60.5
141 14.8 12.8 19.2





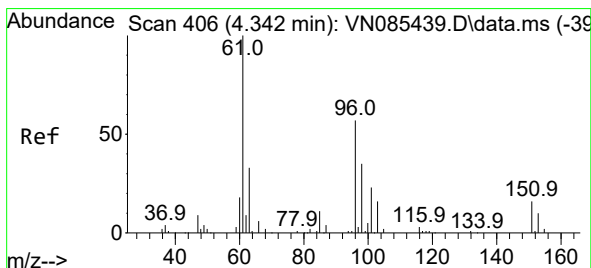
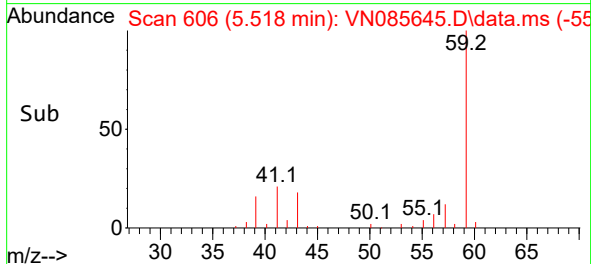
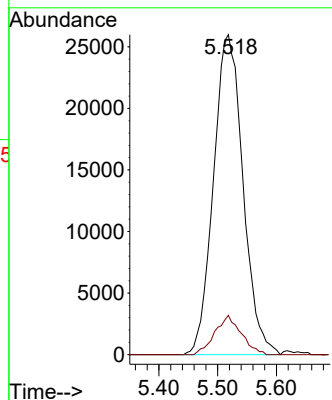
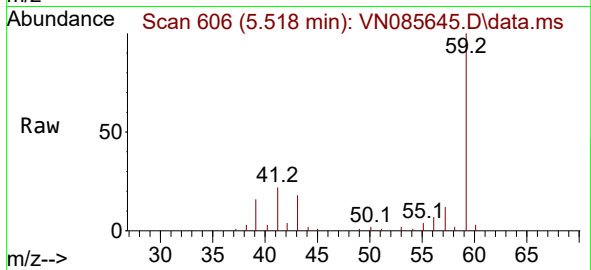
#11
Tert butyl alcohol
Concen: 244.210 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 90590
Ion Ratio Lower Upper
59 100
57 10.9 8.6 13.0

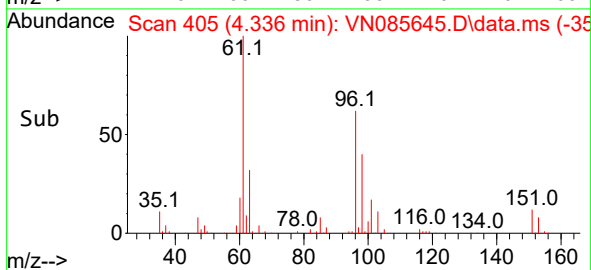
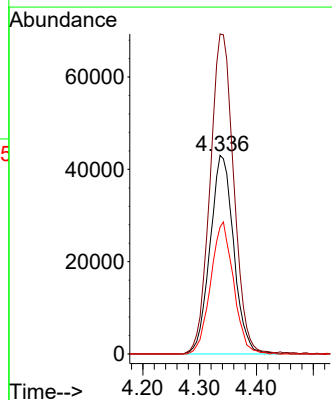
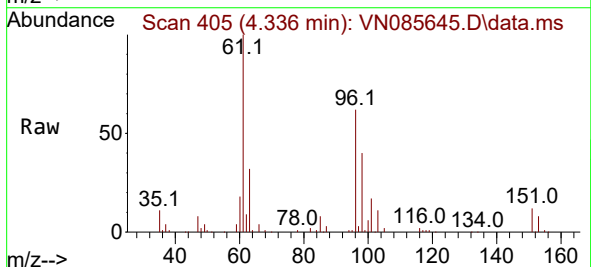
Manual Integrations
APPROVED

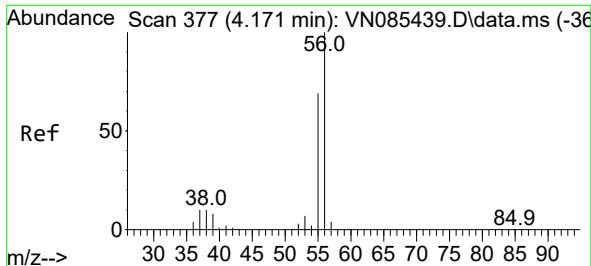
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#12
1,1-Dichloroethene
Concen: 57.812 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Tgt Ion: 96 Resp: 124529
Ion Ratio Lower Upper
96 100
61 161.2 141.0 211.4
98 63.9 49.0 73.6





#13

Acrolein

Concen: 168.697 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 8543

Ion Ratio Lower Upper

56 100

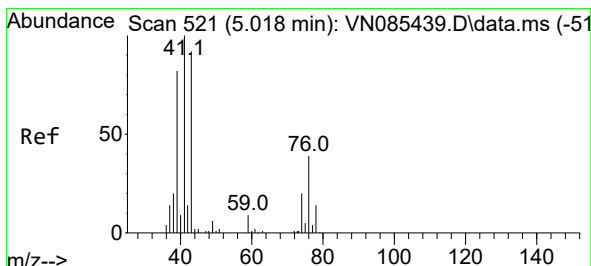
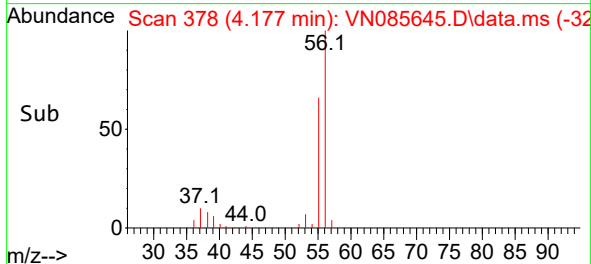
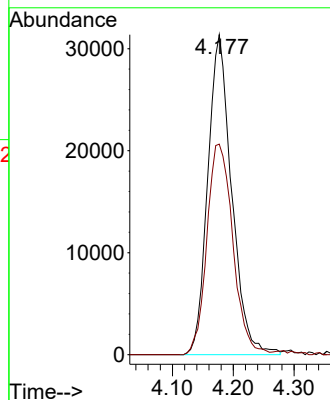
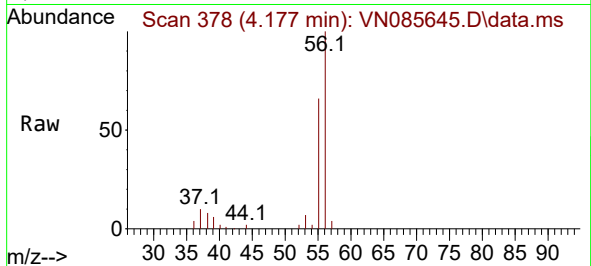
55 71.5 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#14

Allyl chloride

Concen: 44.944 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

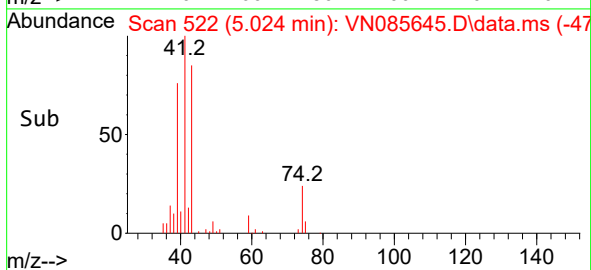
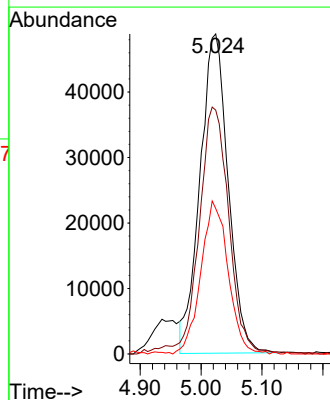
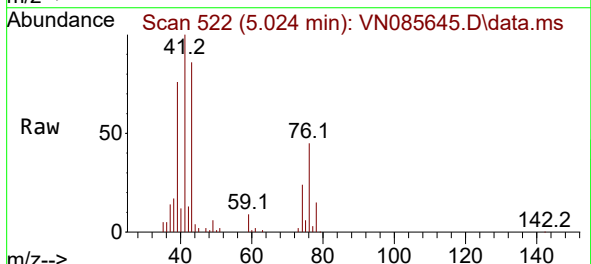
Tgt Ion: 41 Resp: 157091

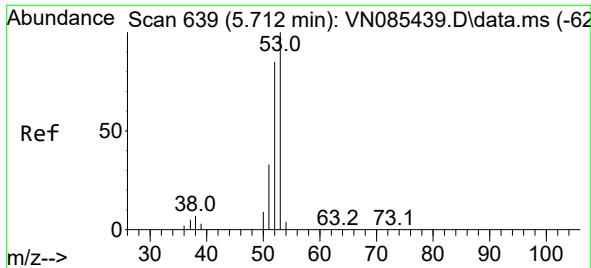
Ion Ratio Lower Upper

41 100

39 82.1 64.4 96.6

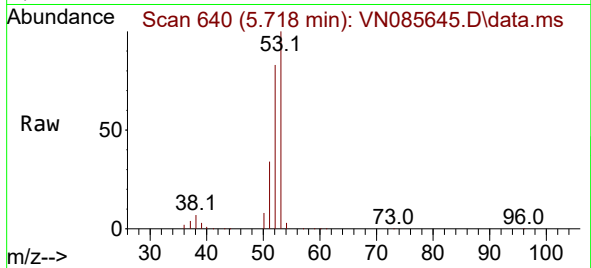
76 46.3 30.5 45.7#





#15
Acrylonitrile
Concen: 257.863 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

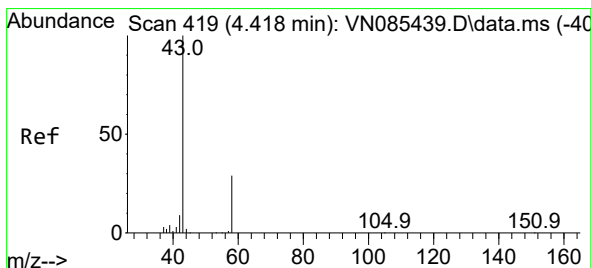
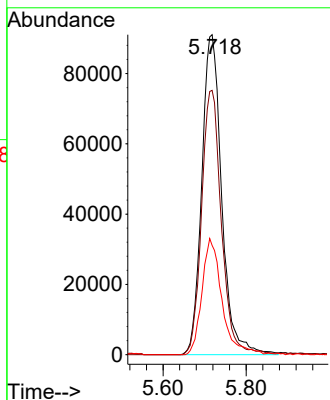
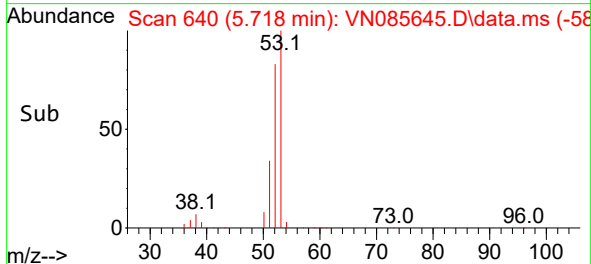
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



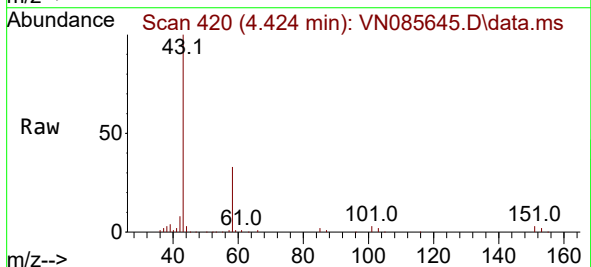
Tgt Ion: 53 Resp: 303850
Ion Ratio Lower Upper
53 100
52 82.0 65.5 98.3
51 36.3 29.8 44.8

Manual Integrations
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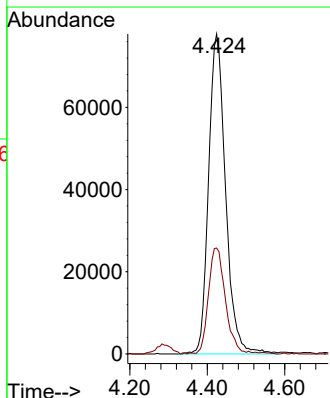
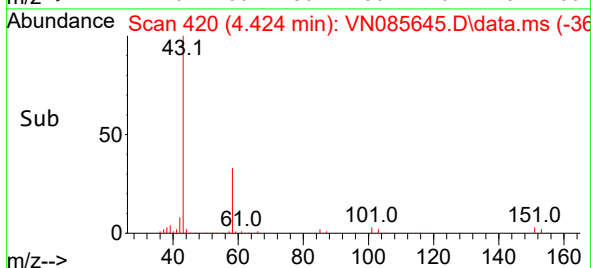
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

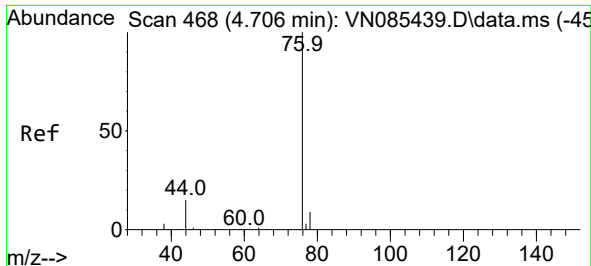


#16
Acetone
Concen: 225.997 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05



Tgt Ion: 43 Resp: 236574
Ion Ratio Lower Upper
43 100
58 33.1 23.8 35.6





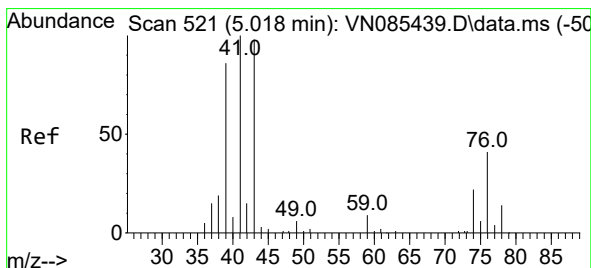
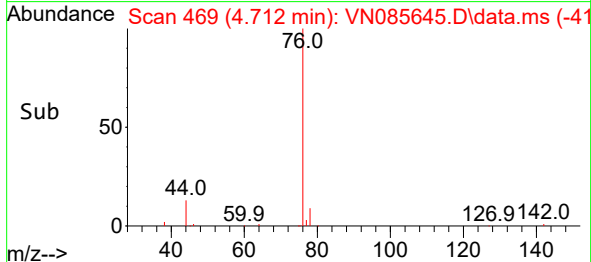
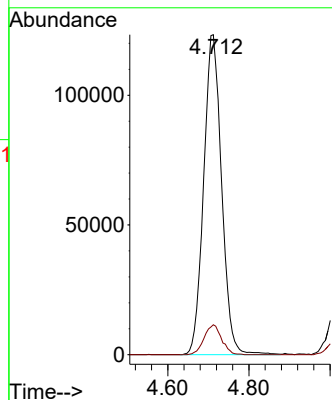
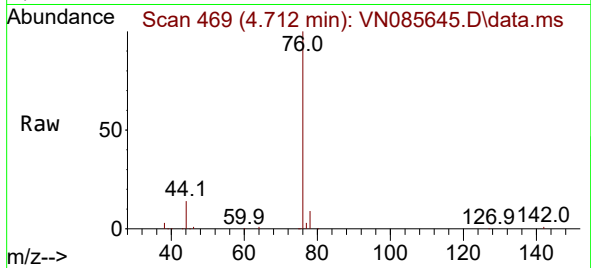
#17
Carbon Disulfide
Concen: 57.001 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 378039
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3

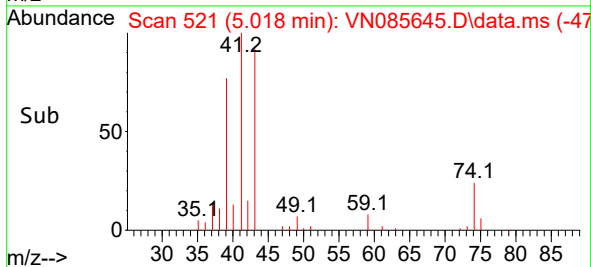
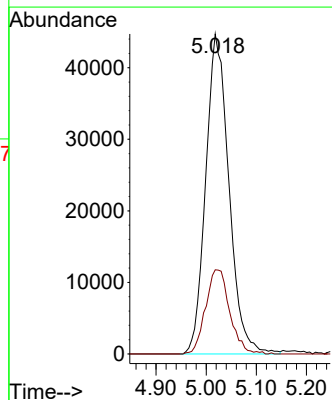
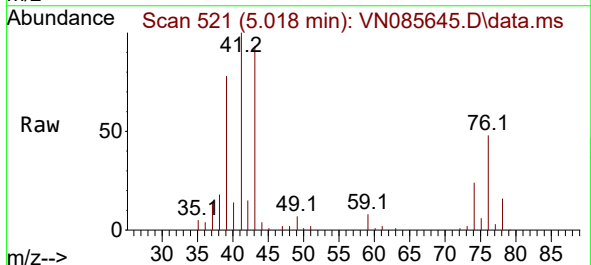
Manual Integrations
APPROVED

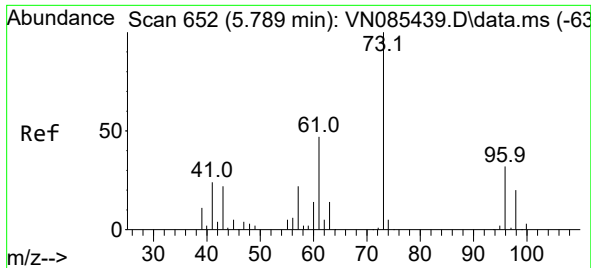
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#18
Methyl Acetate
Concen: 45.225 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Tgt Ion: 43 Resp: 143957
Ion Ratio Lower Upper
43 100
74 27.3 18.6 28.0





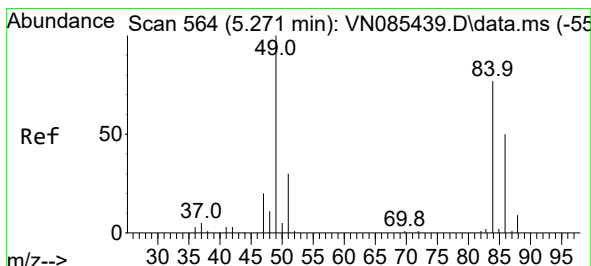
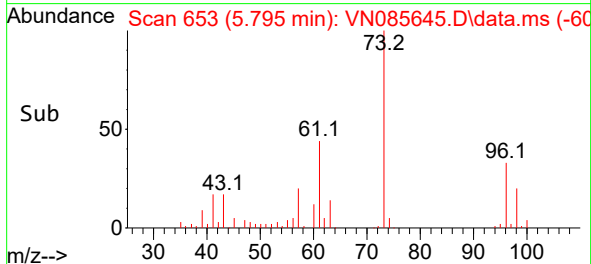
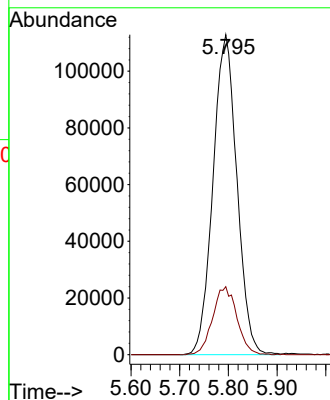
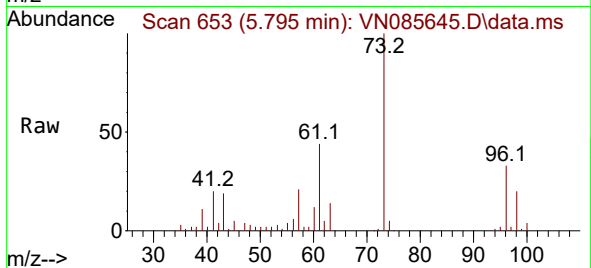
#19
Methyl tert-butyl Ether
Concen: 55.039 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 38495
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.8

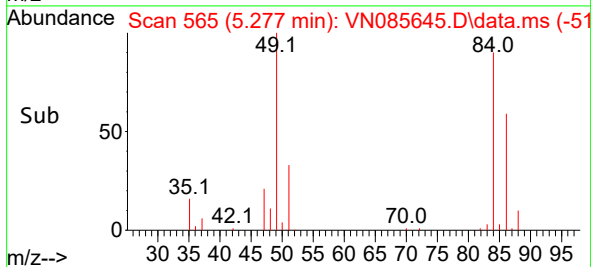
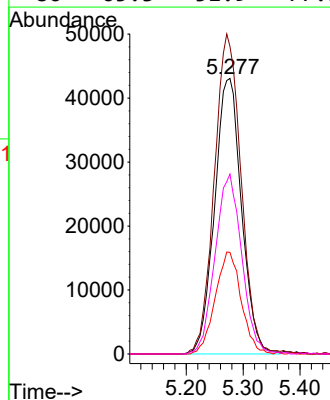
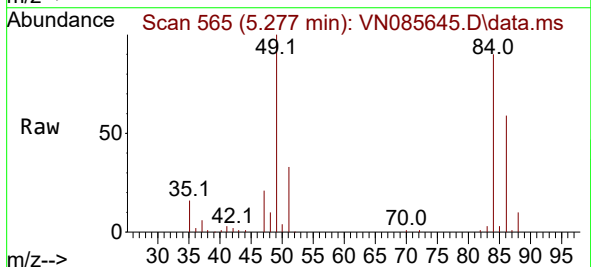
Manual Integrations
APPROVED

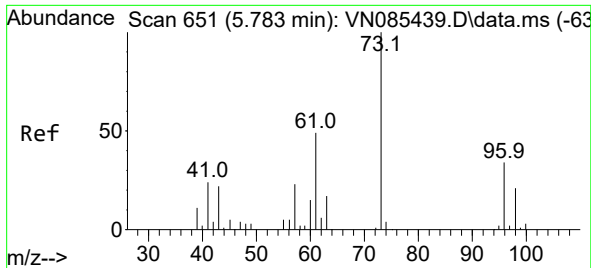
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#20
Methylene Chloride
Concen: 54.697 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

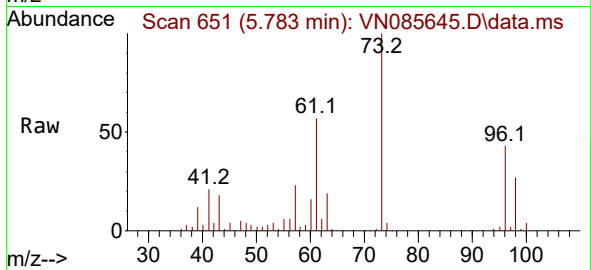
Tgt Ion: 84 Resp: 141744
Ion Ratio Lower Upper
84 100
49 111.6 104.1 156.1
51 36.9 31.0 46.4
86 65.3 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 57.502 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

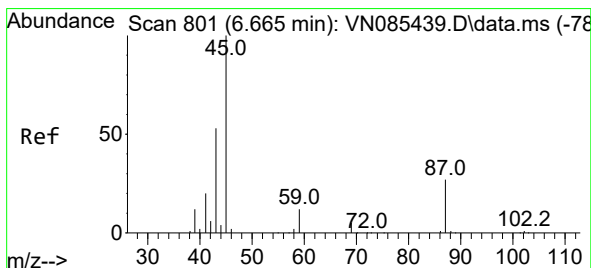
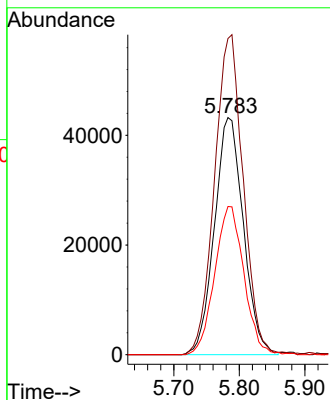
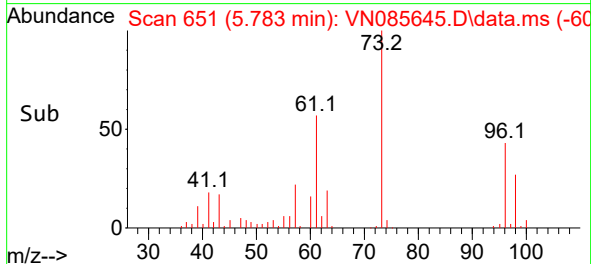
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



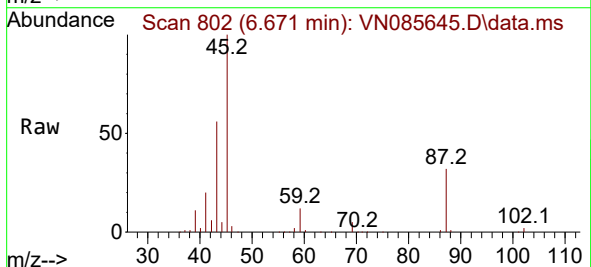
Tgt Ion: 96 Resp: 13237
Ion Ratio Lower Upper
96 100
61 133.3 115.7 173.5
98 62.5 49.8 74.8

Manual Integrations
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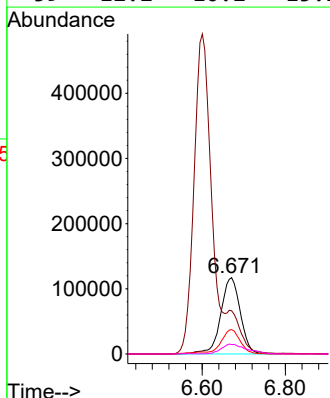
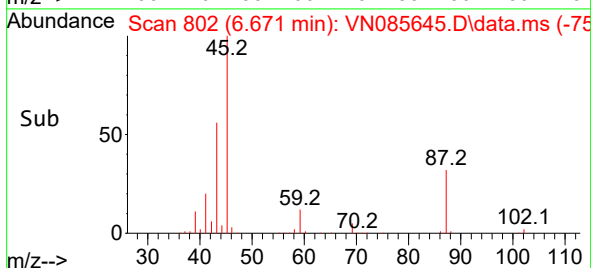
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

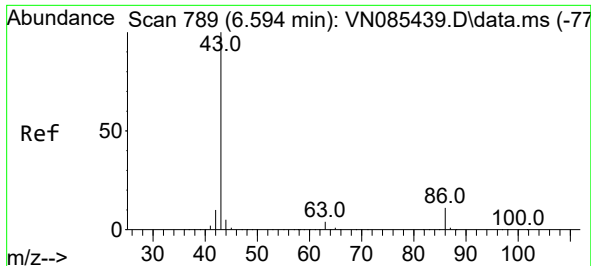


#22
Diisopropyl ether
Concen: 49.208 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05



Tgt Ion: 45 Resp: 381754
Ion Ratio Lower Upper
45 100
43 55.5 45.0 67.6
87 31.9 21.8 32.8
59 12.2 10.2 15.2





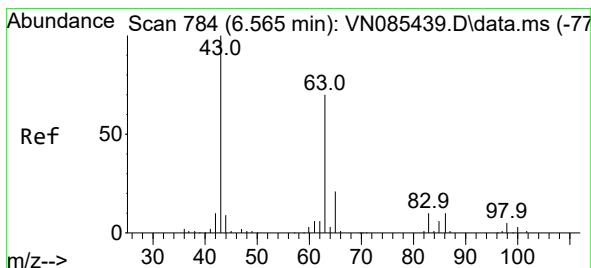
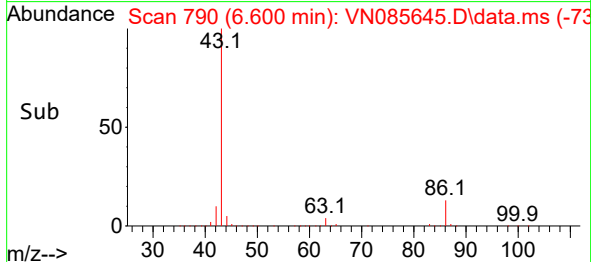
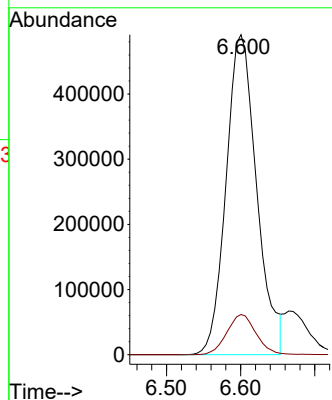
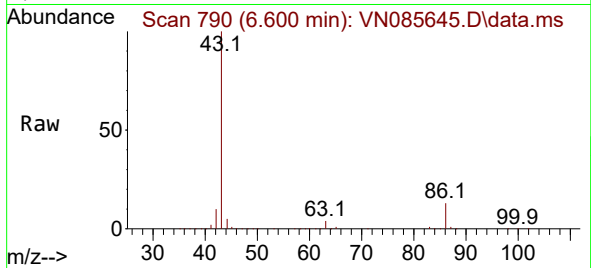
#23
 Vinyl Acetate
 Concen: 259.616 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085645.D
 Acq: 04 Feb 2025 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 140953
 Ion Ratio Lower Upper
 43 100
 86 12.5 8.4 12.6

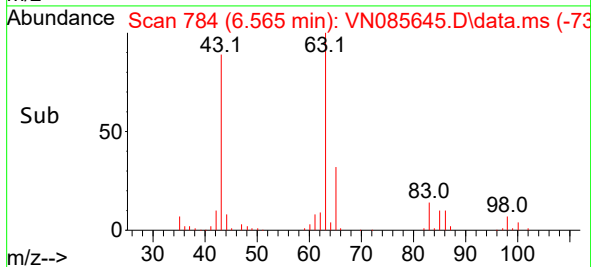
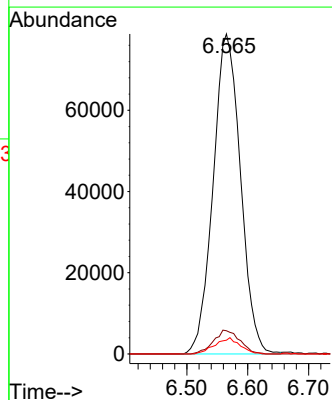
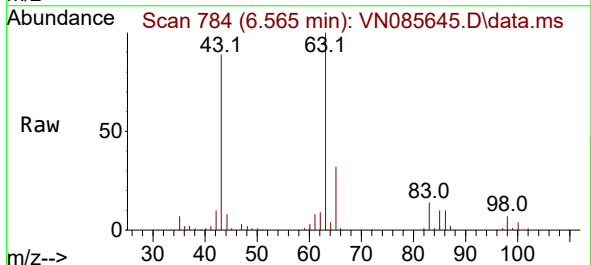
Manual Integrations
 APPROVED

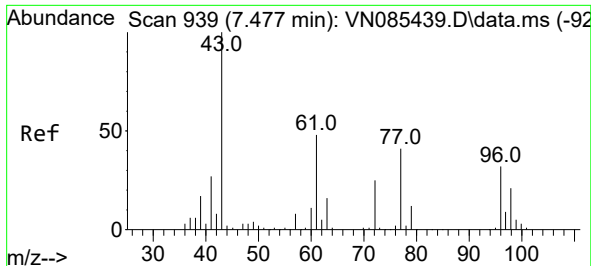
Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025



#24
 1,1-Dichloroethane
 Concen: 51.962 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085645.D
 Acq: 04 Feb 2025 11:05

Tgt Ion: 63 Resp: 245805
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 4.3 2.0 6.0





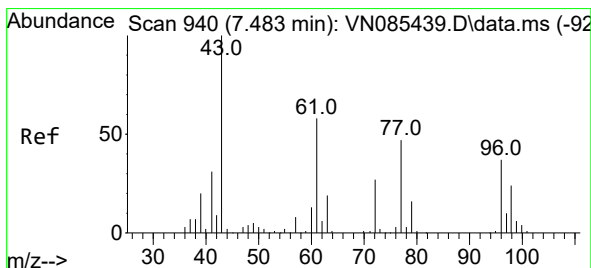
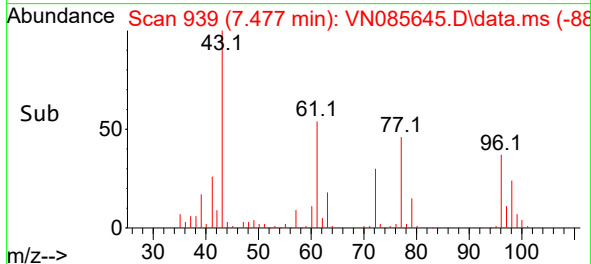
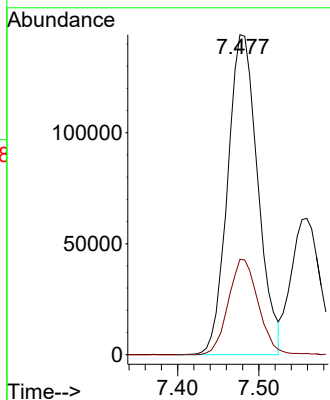
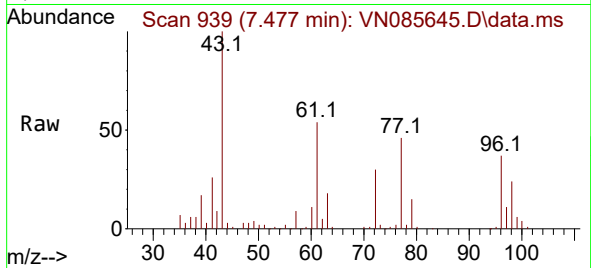
#25
2-Butanone
Concen: 241.685 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 37230
Ion Ratio Lower Upper
43 100
72 29.8 20.2 30.4

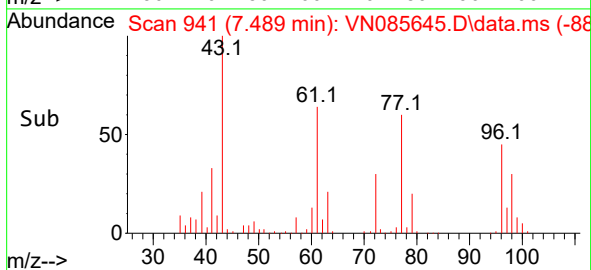
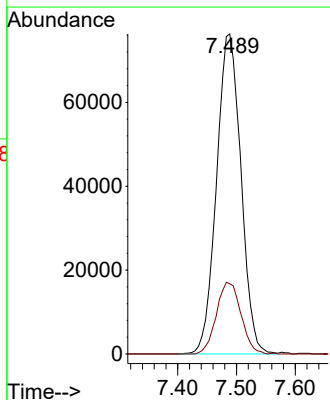
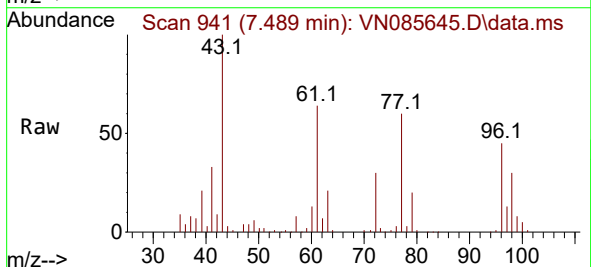
Manual Integrations
APPROVED

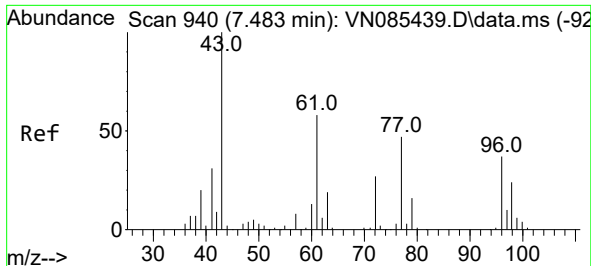
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#26
2,2-Dichloropropane
Concen: 57.562 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Tgt Ion: 77 Resp: 220150
Ion Ratio Lower Upper
77 100
97 22.5 10.7 32.1





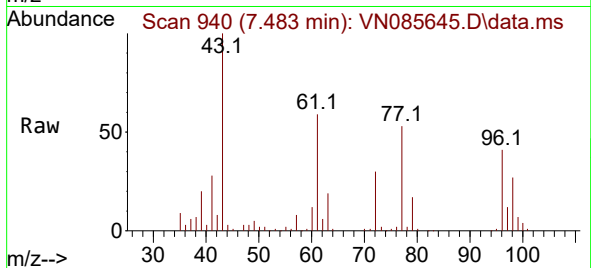
#27
 cis-1,2-Dichloroethene
 Concen: 57.208 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085645.D
 Acq: 04 Feb 2025 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

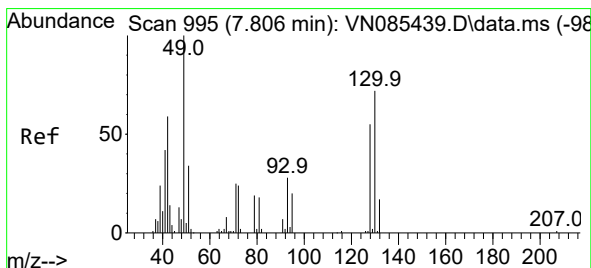
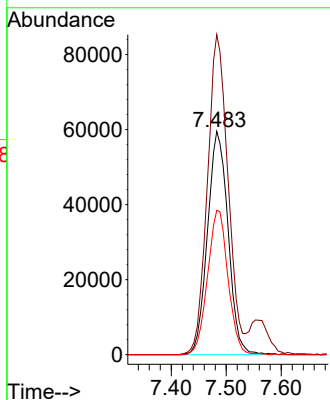
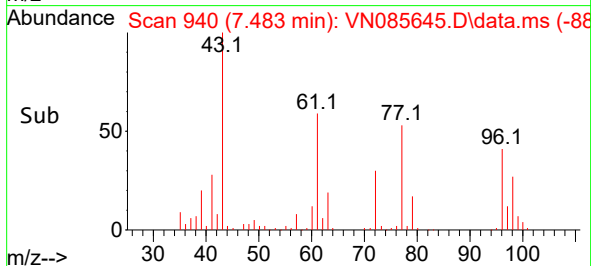


Tgt Ion: 96 Resp: 15511
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 311.8
 98 64.1 0.0 126.0

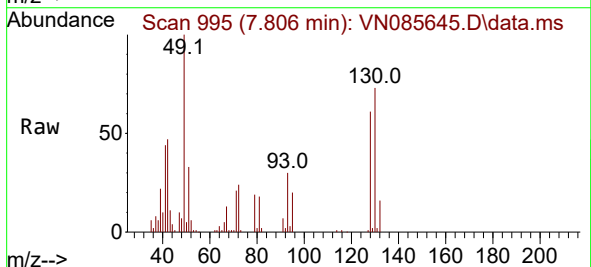
Manual Integrations

APPROVED

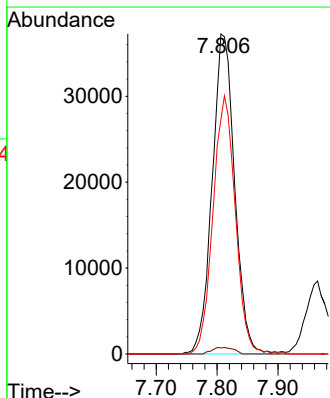
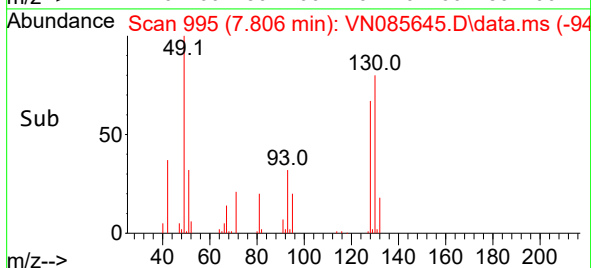
Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025

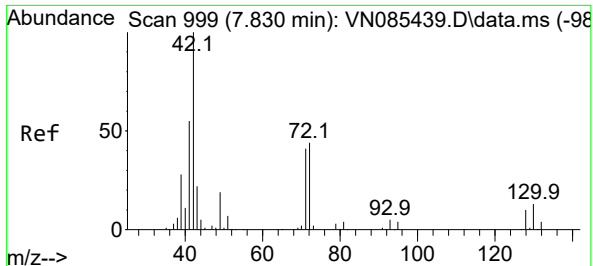


#28
 Bromochloromethane
 Concen: 43.426 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085645.D
 Acq: 04 Feb 2025 11:05



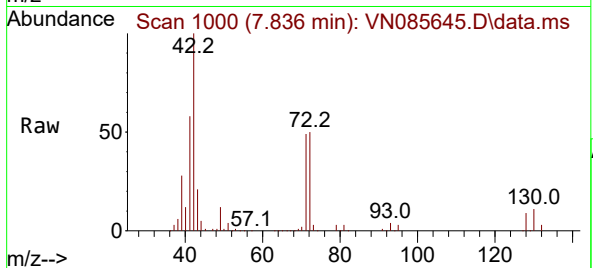
Tgt Ion: 49 Resp: 95572
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.4
 130 79.8 55.0 82.4





#29
Tetrahydrofuran
Concen: 255.923 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

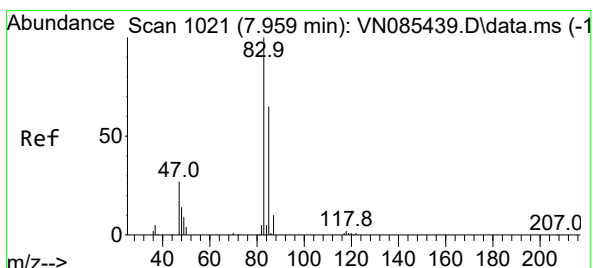
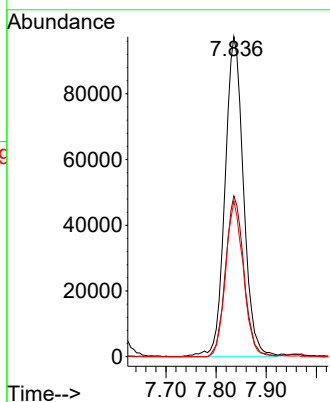
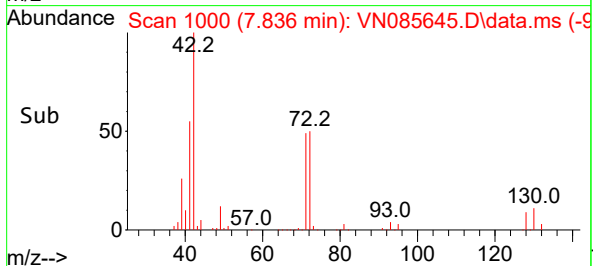
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



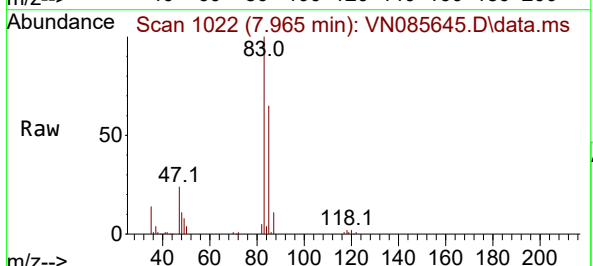
Tgt Ion: 42 Resp: 249949
Ion Ratio Lower Upper
42 100
72 49.7 34.2 51.2
71 46.9 32.5 48.7

Manual Integrations
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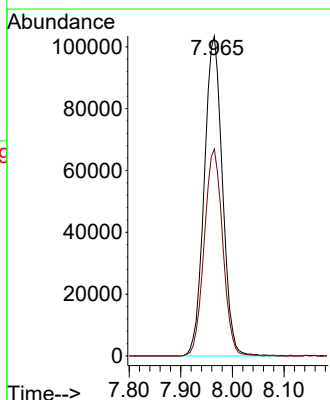
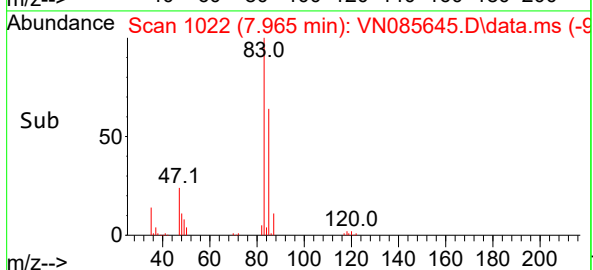
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

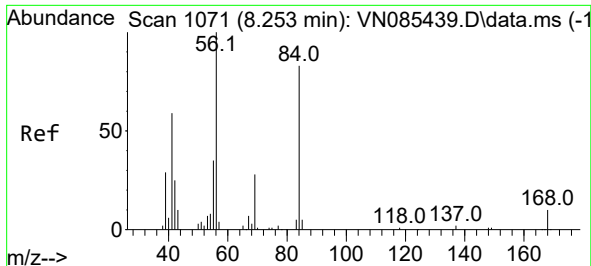


#30
Chloroform
Concen: 51.611 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05



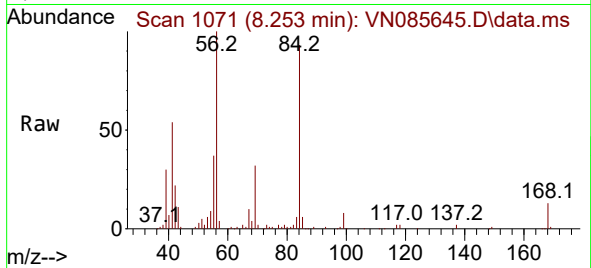
Tgt Ion: 83 Resp: 252335
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6





#31
Cyclohexane
Concen: 49.690 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

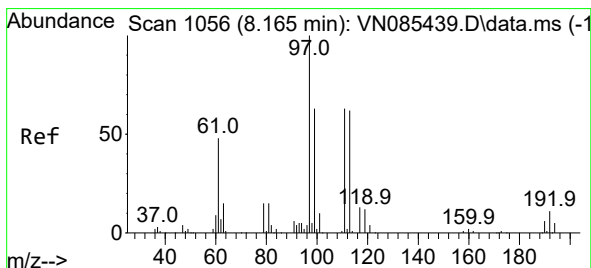
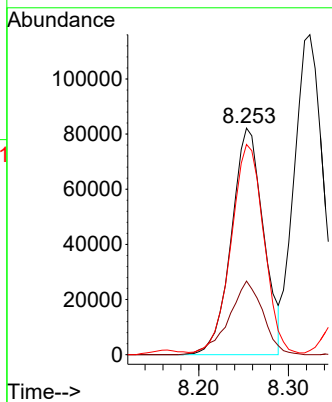
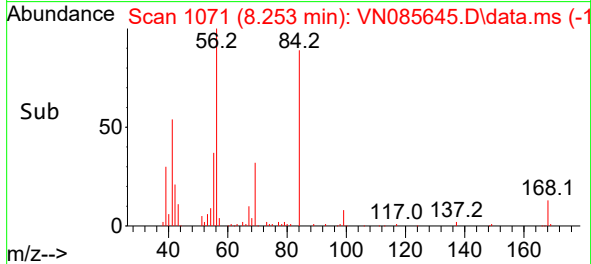
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



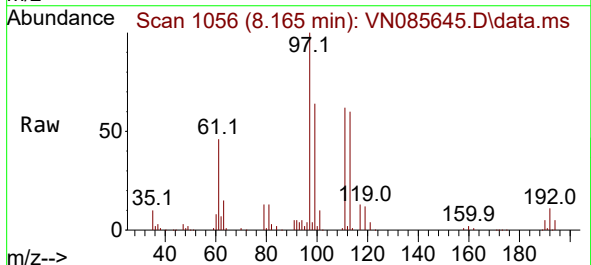
Tgt Ion: 56 Resp: 204300
Ion Ratio Lower Upper
56 100
69 32.5 22.2 33.4
84 91.5 66.4 99.6

Manual Integrations
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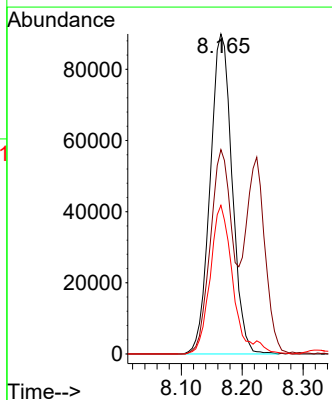
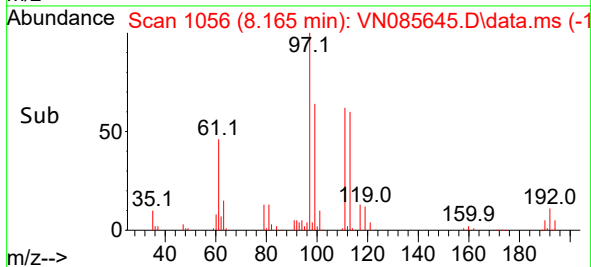
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

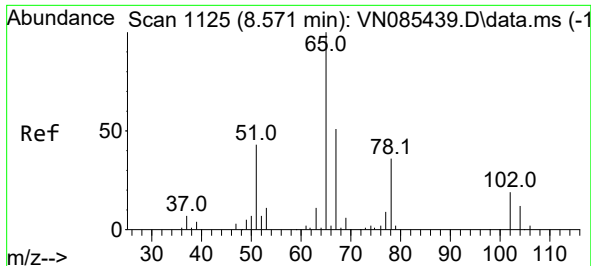


#32
1,1,1-Trichloroethane
Concen: 52.509 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05



Tgt Ion: 97 Resp: 225191
Ion Ratio Lower Upper
97 100
99 64.3 49.8 74.6
61 48.2 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 47.780 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 154798

Ion Ratio Lower Upper

65 100

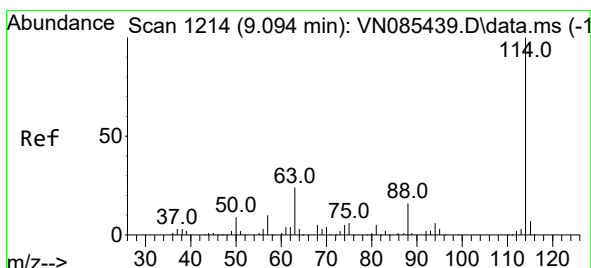
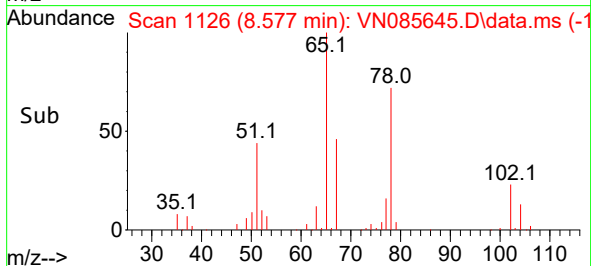
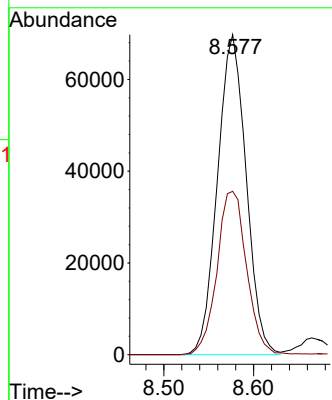
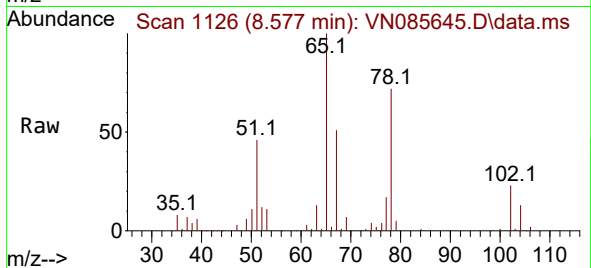
67 52.9 0.0 101.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

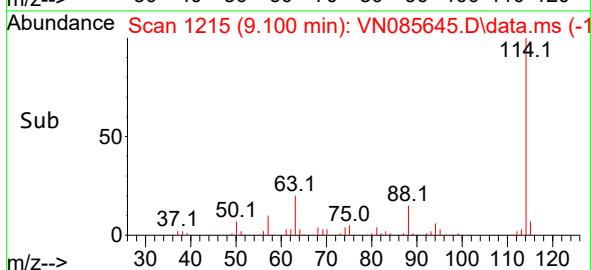
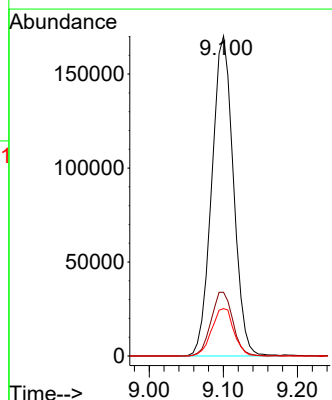
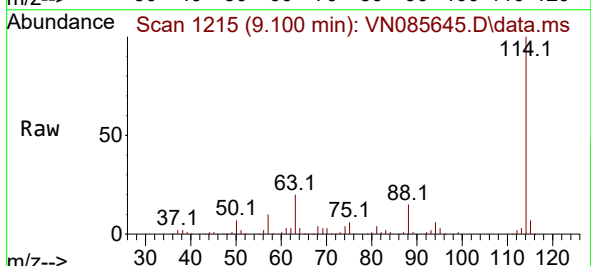
Tgt Ion:114 Resp: 345148

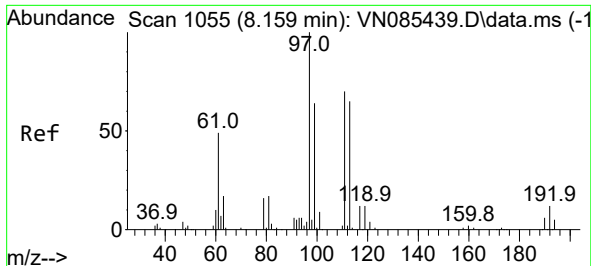
Ion Ratio Lower Upper

114 100

63 19.9 0.0 47.6

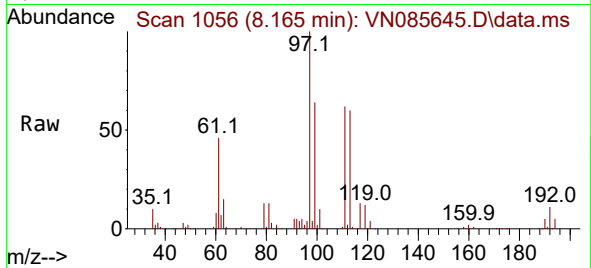
88 14.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.153 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

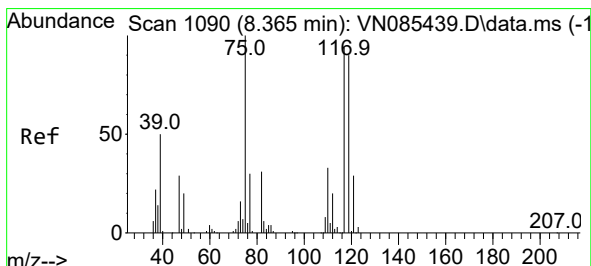
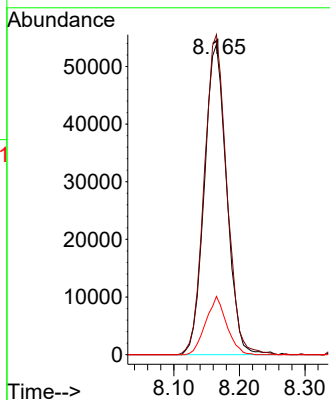
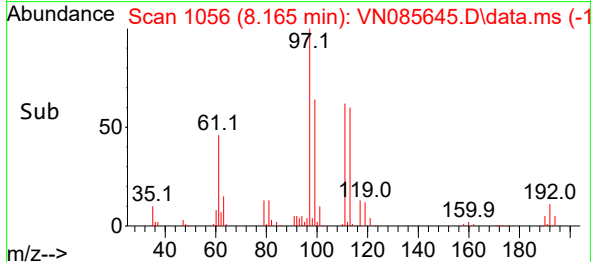
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



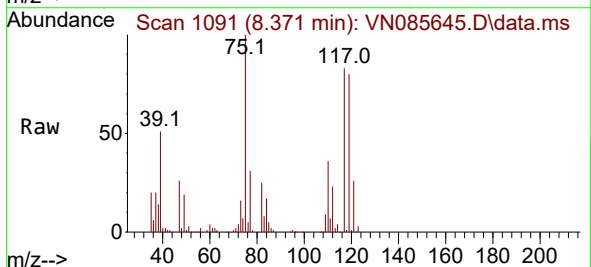
Tgt Ion:113 Resp: 127274
Ion Ratio Lower Upper
113 100
111 104.1 82.7 124.1
192 17.6 14.3 21.5

Manual Integrations
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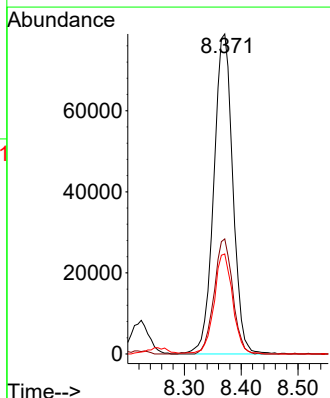
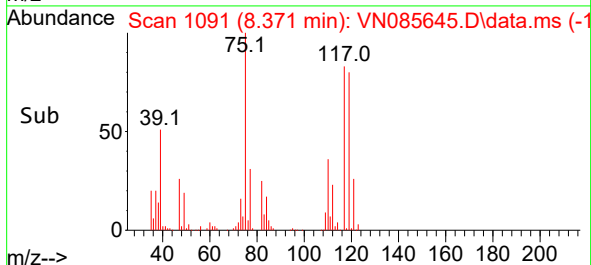
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

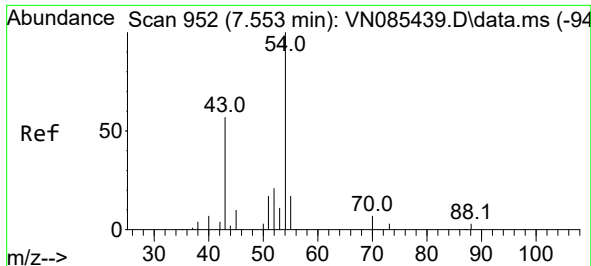


#36
1,1-Dichloropropene
Concen: 54.731 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05



Tgt Ion: 75 Resp: 183927
Ion Ratio Lower Upper
75 100
110 35.1 16.5 49.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 46.933 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 15919

Ion Ratio Lower Upper

43 100

61 14.2 10.9 16.3

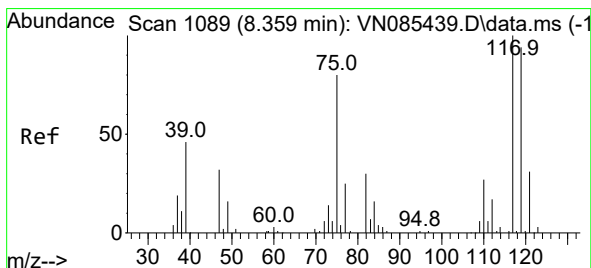
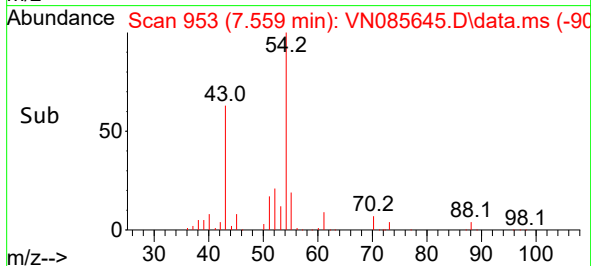
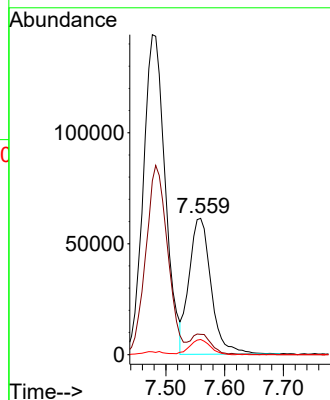
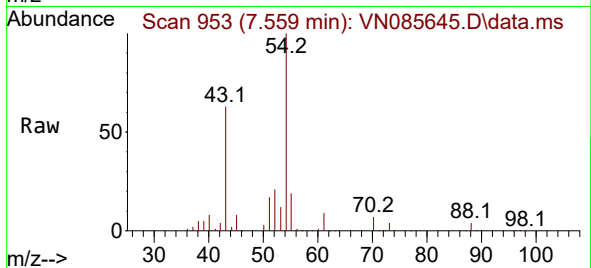
70 10.4 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#38

Carbon Tetrachloride

Concen: 52.524 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

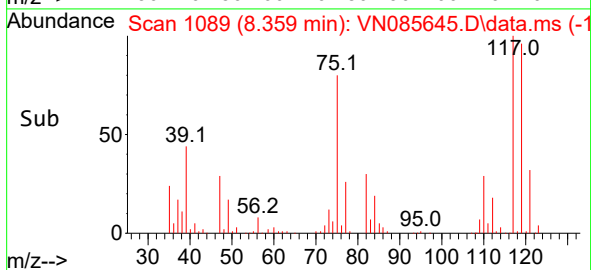
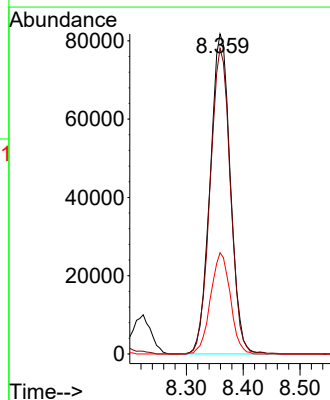
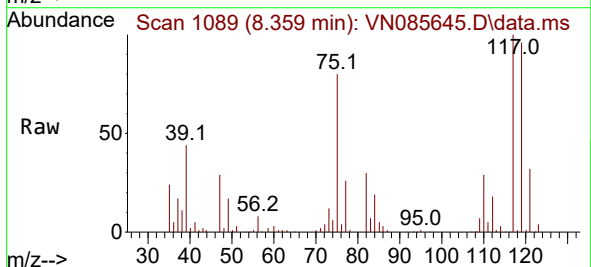
Tgt Ion:117 Resp: 202078

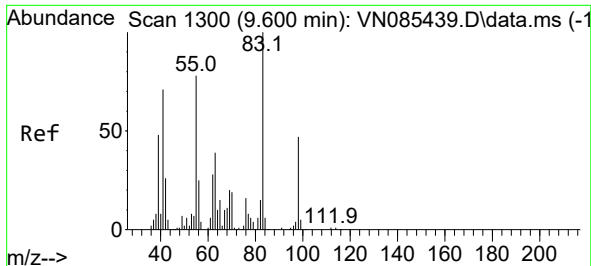
Ion Ratio Lower Upper

117 100

119 95.5 75.4 113.2

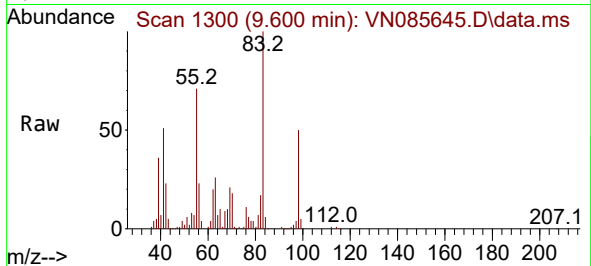
121 31.6 24.6 37.0





#39
Methylcyclohexane
Concen: 62.021 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

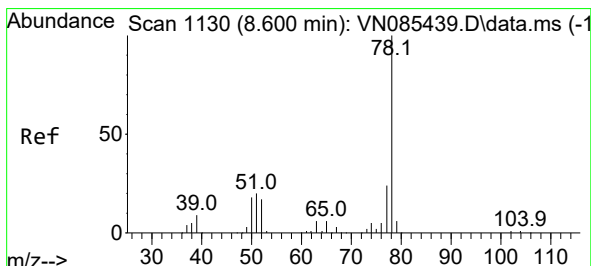
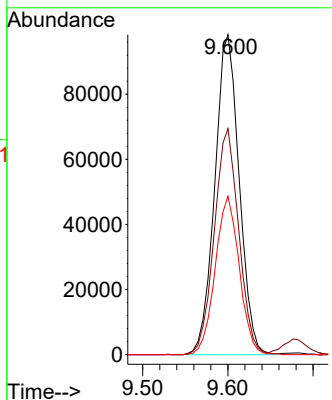
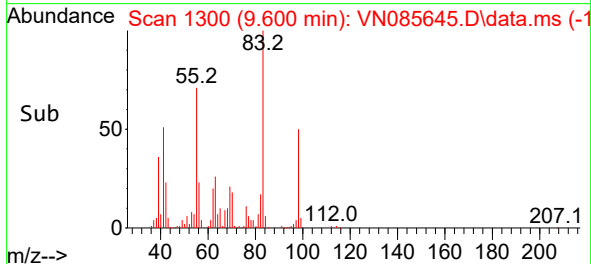
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 19585
Ion Ratio Lower Upper
83 100
55 70.7 62.6 94.0
98 49.5 37.7 56.5

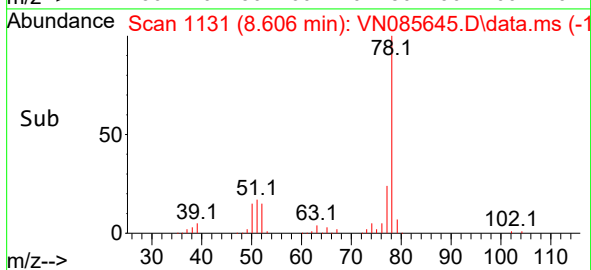
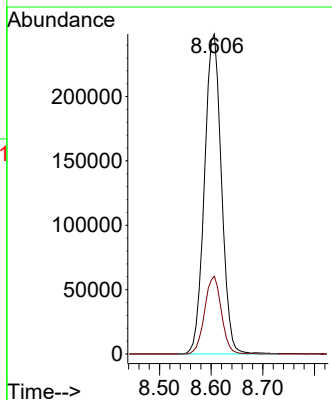
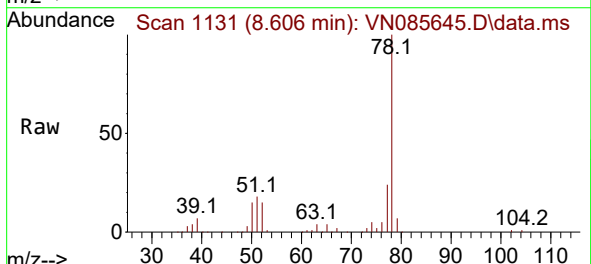
Manual Integrations
APPROVED

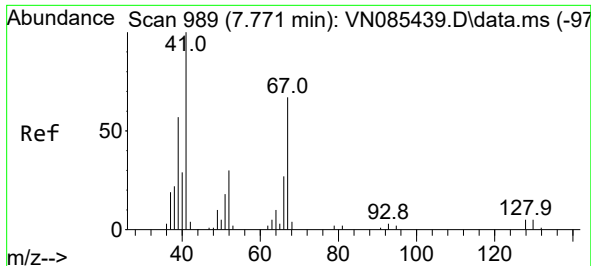
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#40
Benzene
Concen: 56.166 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Tgt Ion: 78 Resp: 567137
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6





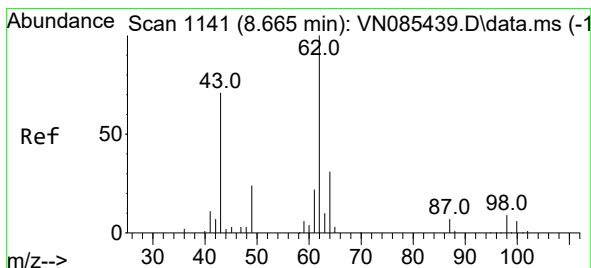
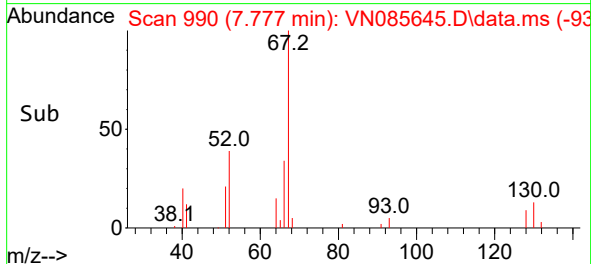
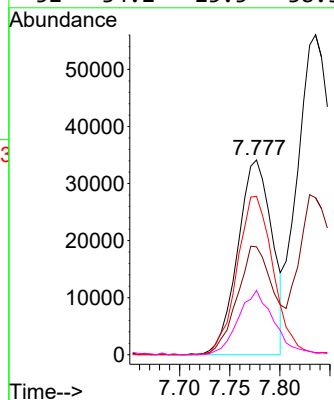
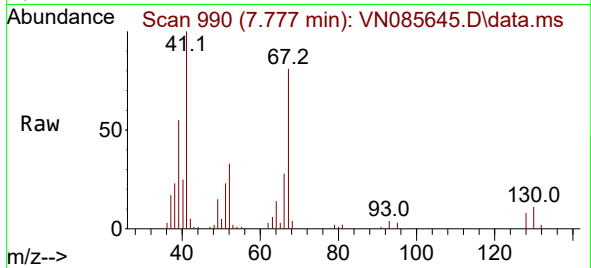
#41
Methacrylonitrile
Concen: 46.204 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 81539
Ion Ratio Lower Upper
41 100
39 60.2 46.0 69.0
67 85.5 57.4 86.2
52 34.2 25.5 38.3

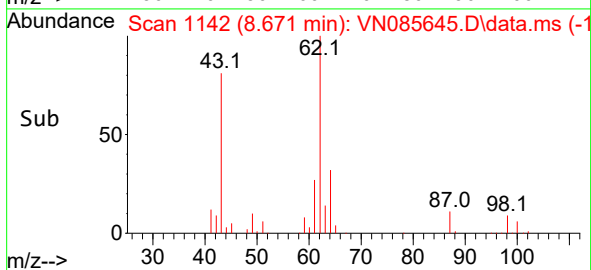
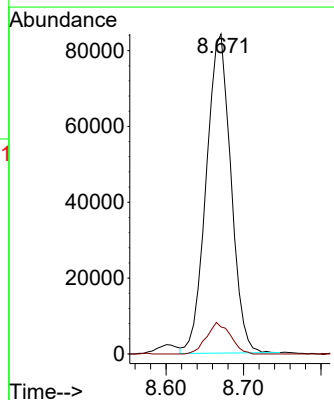
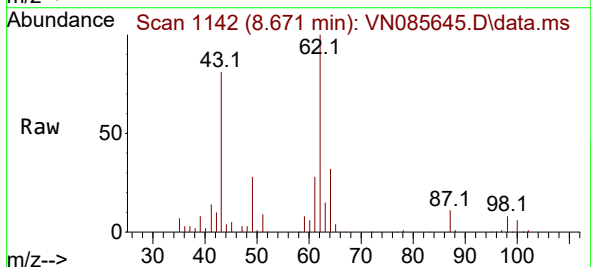
Manual Integrations
APPROVED

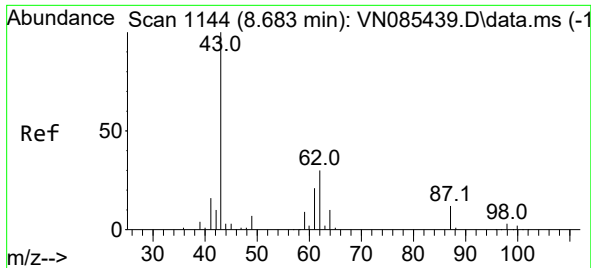
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#42
1,2-Dichloroethane
Concen: 48.850 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Tgt Ion: 62 Resp: 185776
Ion Ratio Lower Upper
62 100
98 9.5 0.0 17.0





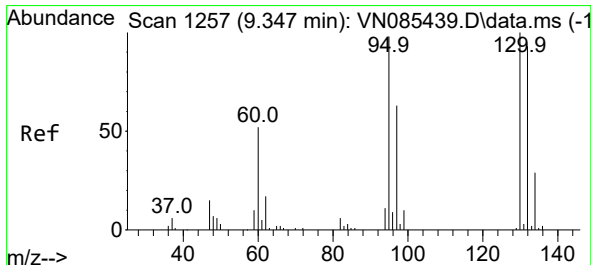
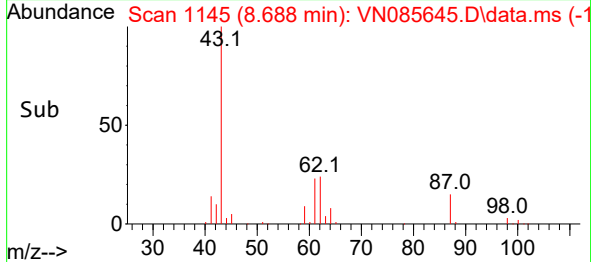
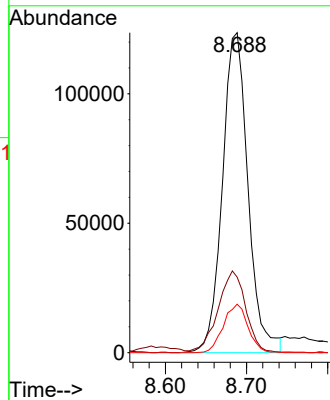
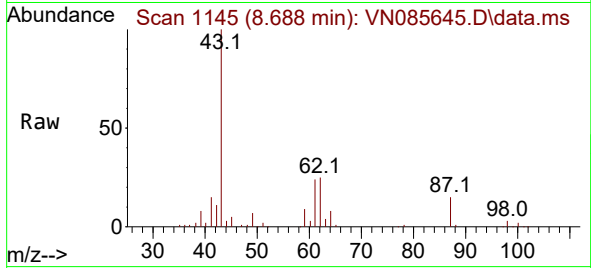
#43
Isopropyl Acetate
Concen: 49.962 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 27155
Ion Ratio Lower Upper
43 100
61 27.9 20.7 31.1
87 14.6 9.8 14.8

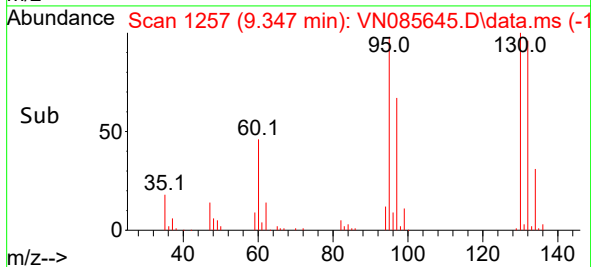
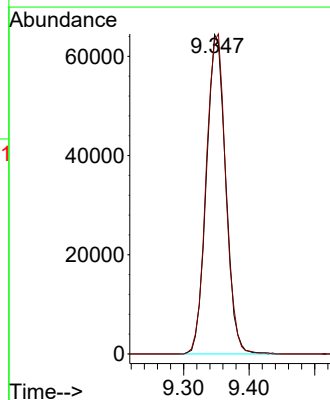
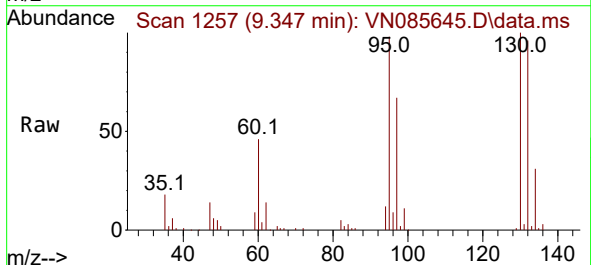
Manual Integrations
APPROVED

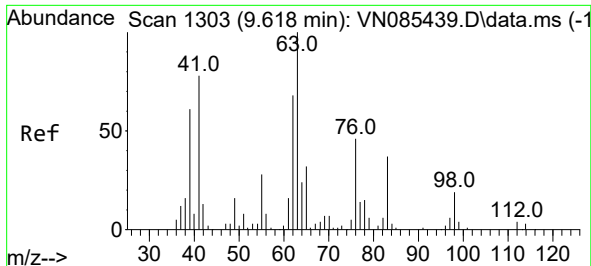
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#44
Trichloroethene
Concen: 56.068 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Tgt Ion:130 Resp: 131785
Ion Ratio Lower Upper
130 100
95 98.1 0.0 195.8





#45

1,2-Dichloropropane

Concen: 53.137 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 13705

Ion Ratio Lower Upper

63 100

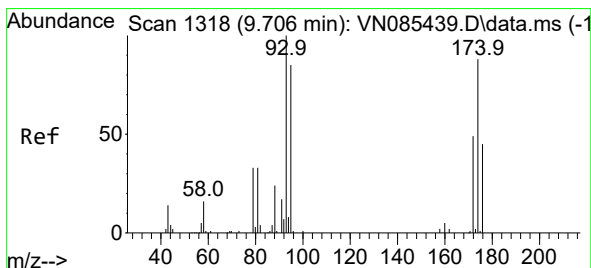
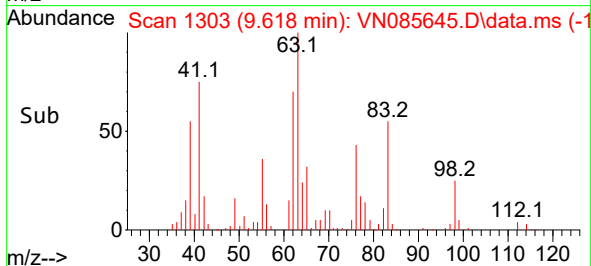
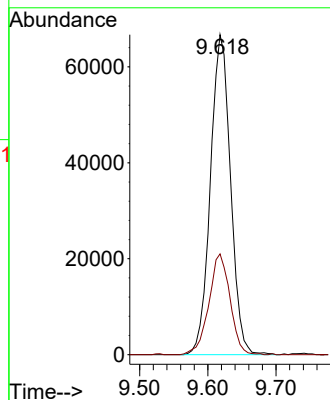
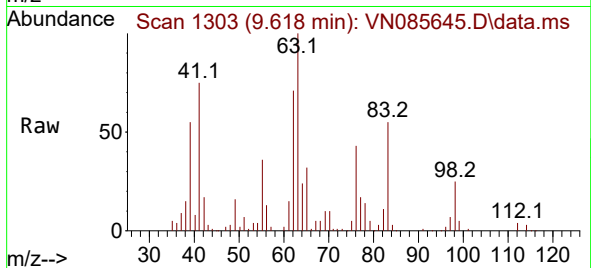
65 31.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#46

Dibromomethane

Concen: 52.419 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

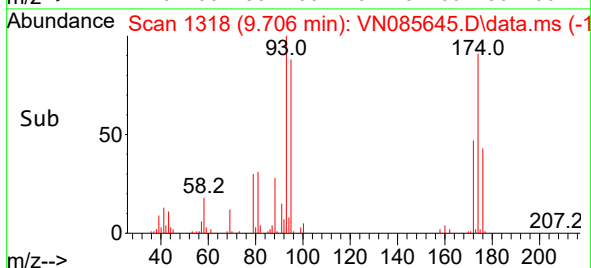
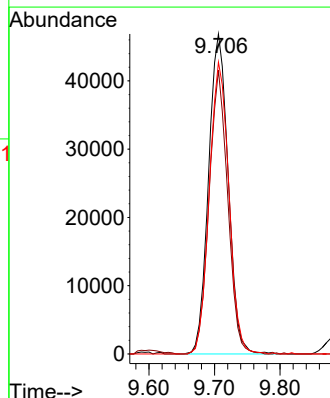
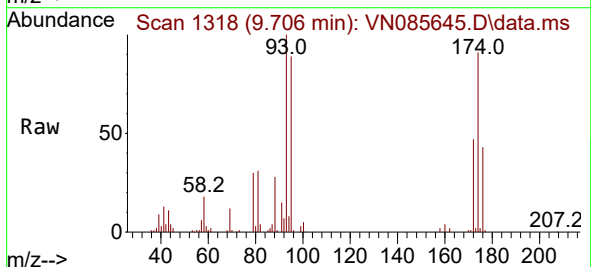
Tgt Ion: 93 Resp: 97554

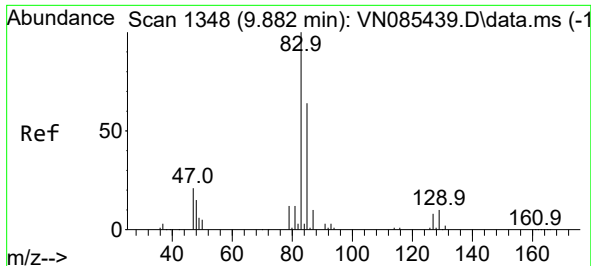
Ion Ratio Lower Upper

93 100

95 84.0 64.7 97.1

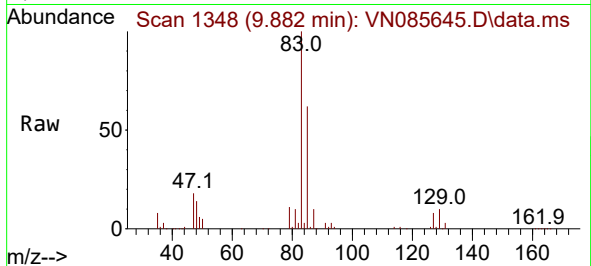
174 90.8 69.0 103.4





#47
Bromodichloromethane
Concen: 53.411 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

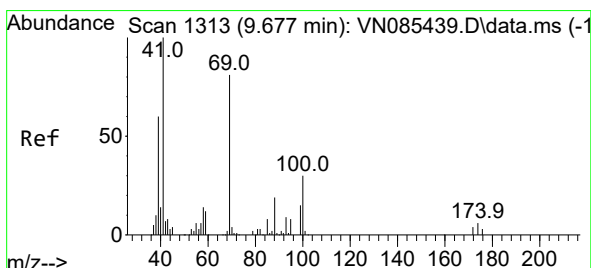
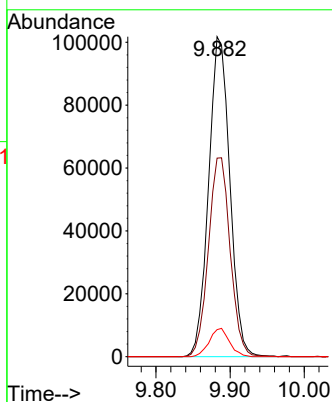
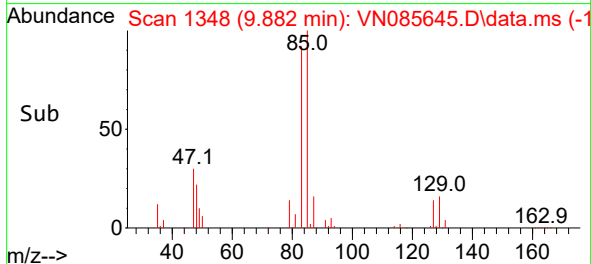
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 202509
Ion Ratio Lower Upper
83 100
85 62.0 51.2 76.8
127 8.5 6.5 9.7

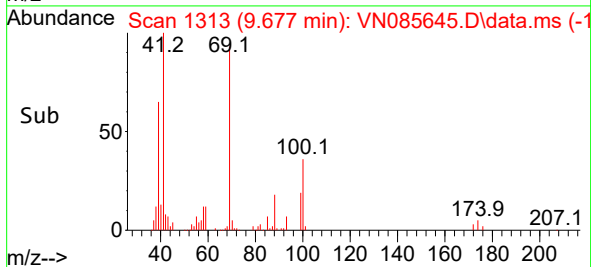
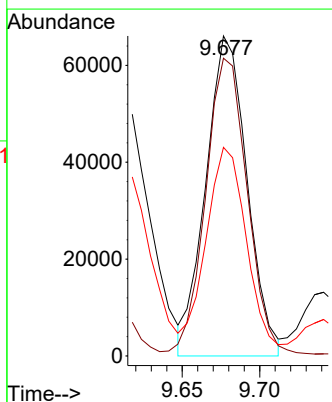
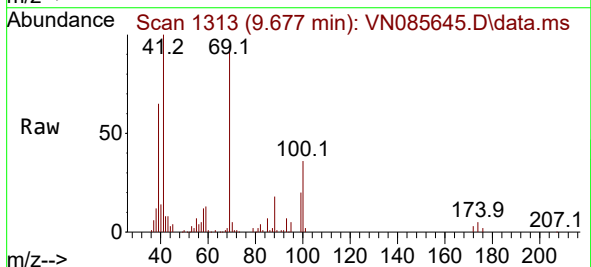
Manual Integrations
APPROVED

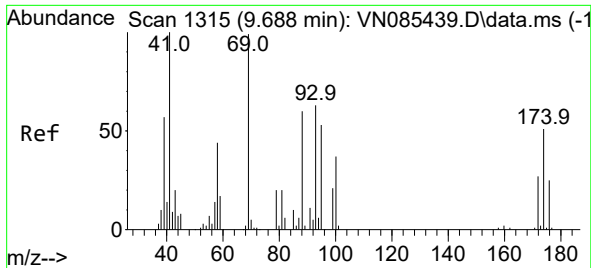
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#48
Methyl methacrylate
Concen: 50.045 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

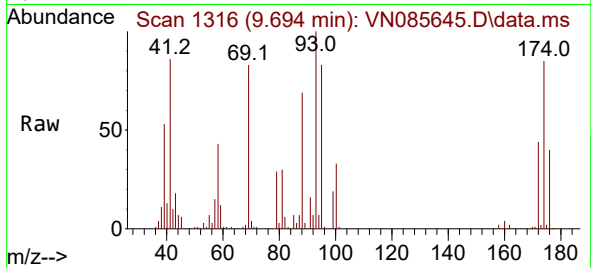
Tgt Ion: 41 Resp: 122409
Ion Ratio Lower Upper
41 100
69 94.5 64.7 97.1
39 65.0 49.0 73.6





#49
1,4-Dioxane
Concen: 1142.294 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

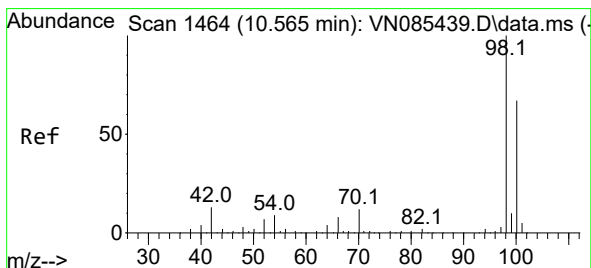
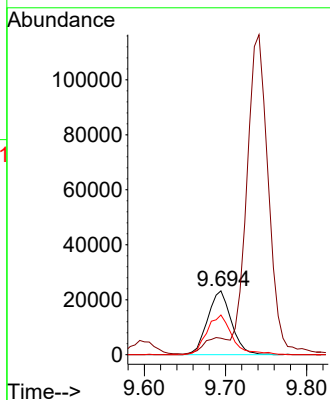
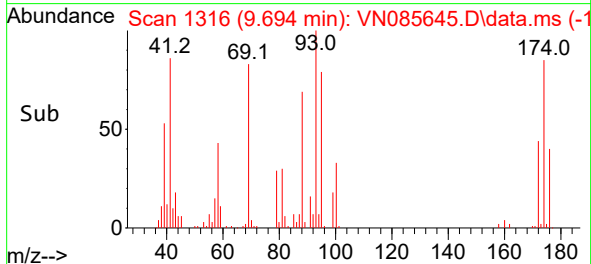
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



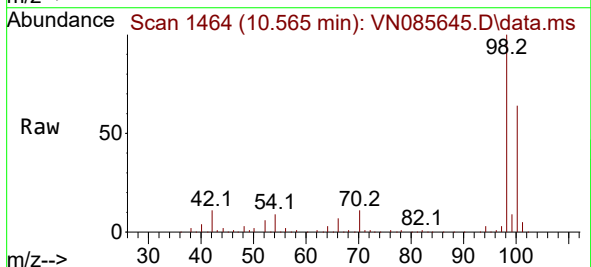
Tgt Ion: 88 Resp: 4705
Ion Ratio Lower Upper
88 100
43 24.5 26.6 39.8
58 66.8 59.5 89.3

Manual Integrations
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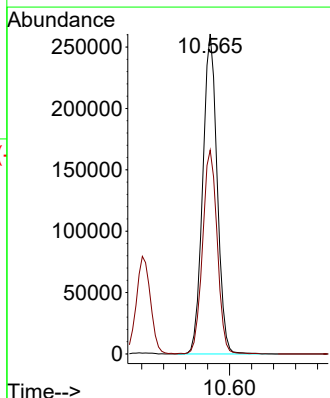
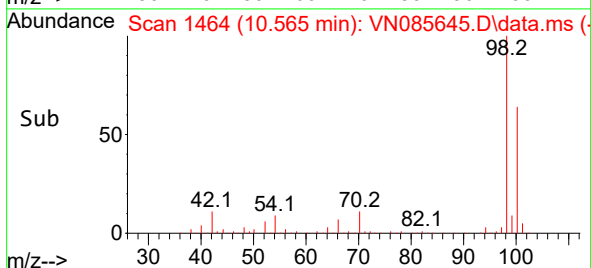
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

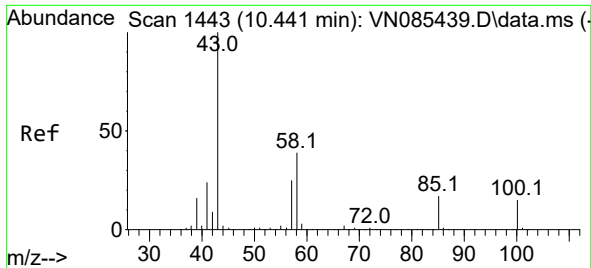


#50
Toluene-d8
Concen: 55.713 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05



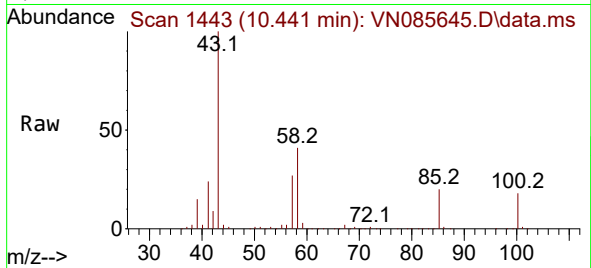
Tgt Ion: 98 Resp: 473979
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 253.917 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

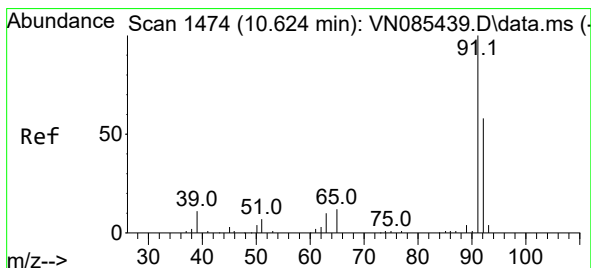
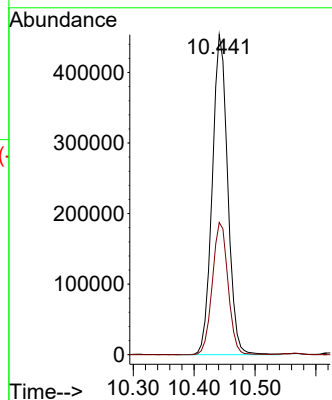
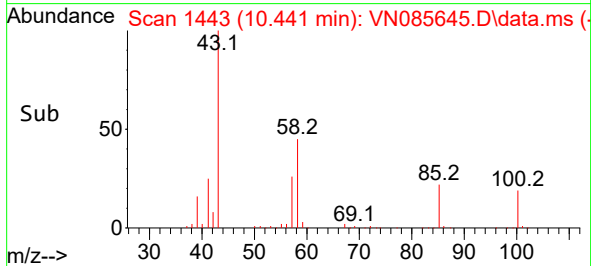
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



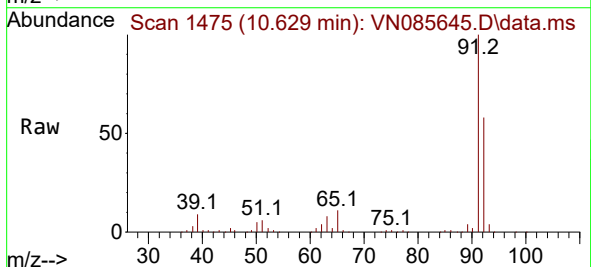
Tgt Ion: 43 Resp: 80085
Ion Ratio Lower Upper
43 100
58 41.9 30.5 45.7

Manual Integrations
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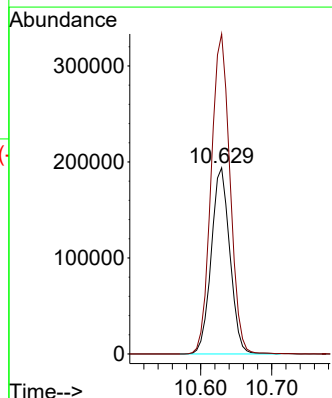
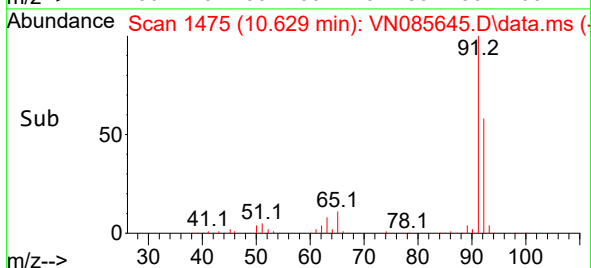
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

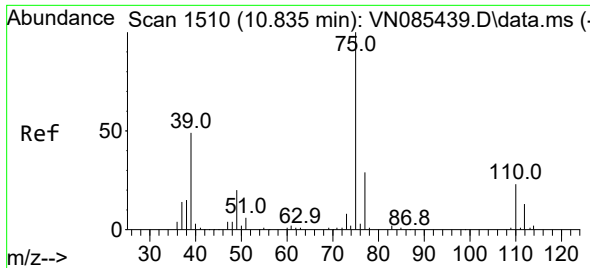


#52
Toluene
Concen: 60.150 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05



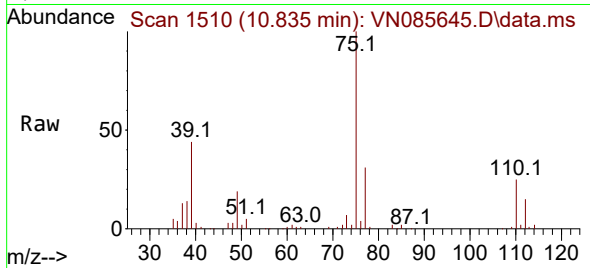
Tgt Ion: 92 Resp: 351922
Ion Ratio Lower Upper
92 100
91 174.5 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 57.048 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

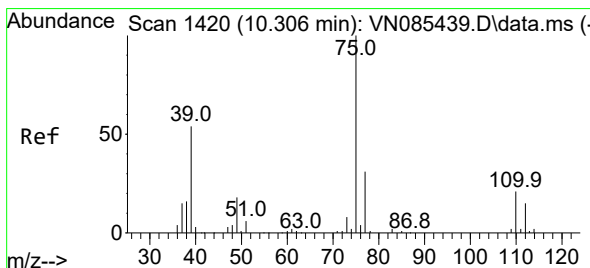
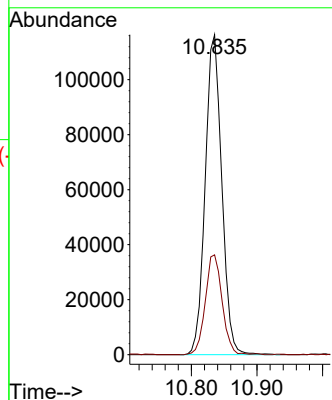
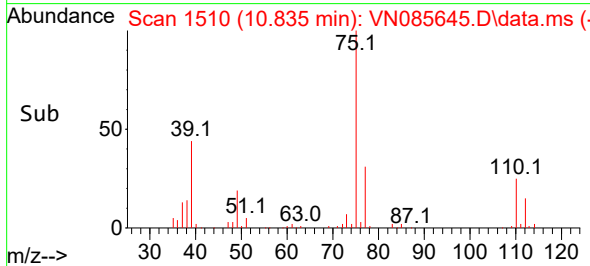
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 20440
Ion Ratio Lower Upper
75 100
77 31.2 23.5 35.3

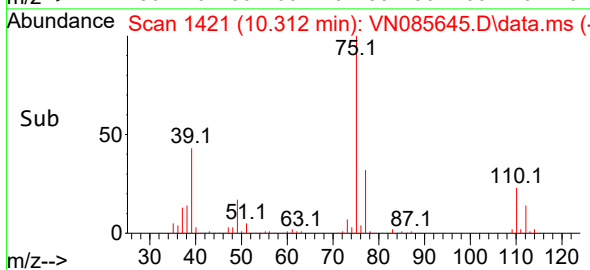
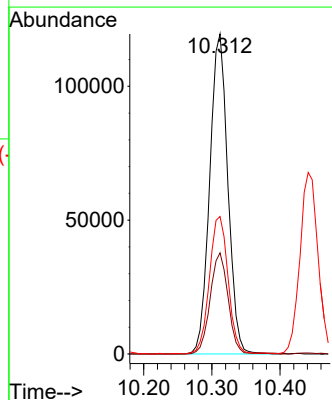
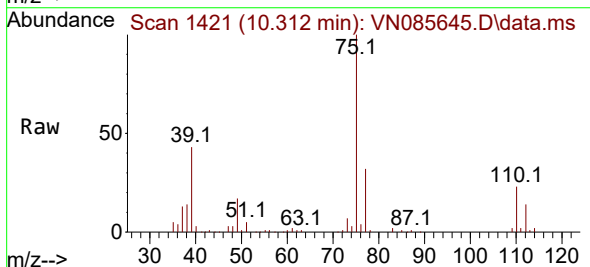
Manual Integrations
APPROVED

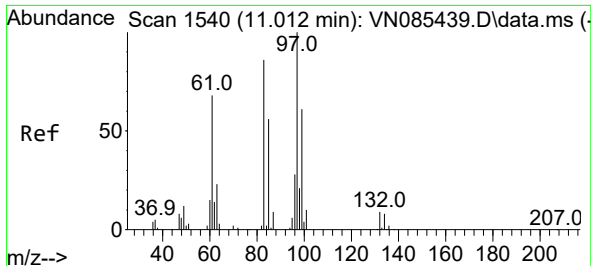
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#54
cis-1,3-Dichloropropene
Concen: 57.810 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

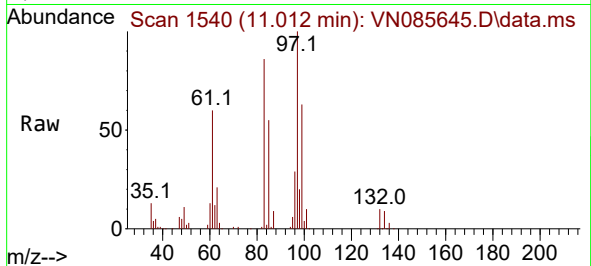
Tgt Ion: 75 Resp: 221256
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4
39 42.8 43.1 64.7#





#55
1,1,2-Trichloroethane
Concen: 55.842 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

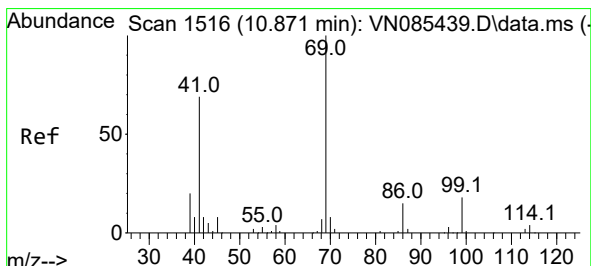
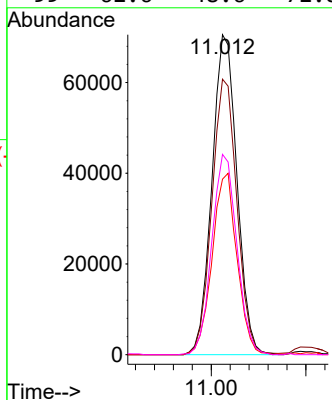
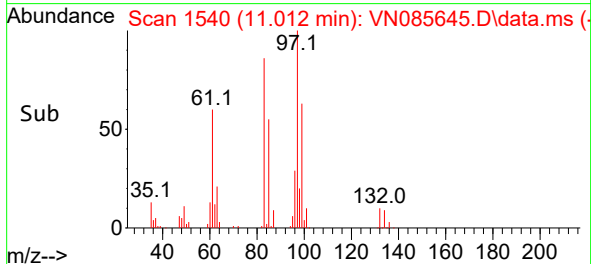
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 129290
Ion Ratio Lower Upper
97 100
83 86.1 69.0 103.6
85 54.9 44.6 66.8
99 62.6 48.6 72.8

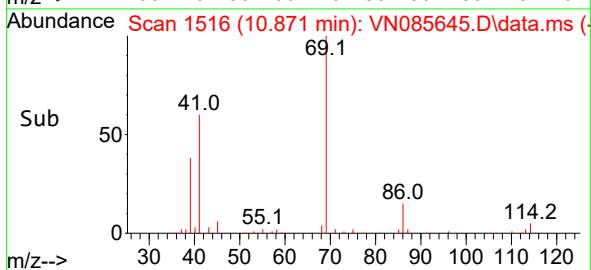
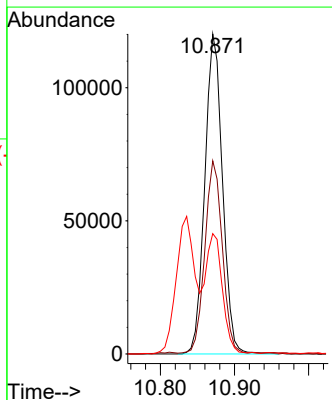
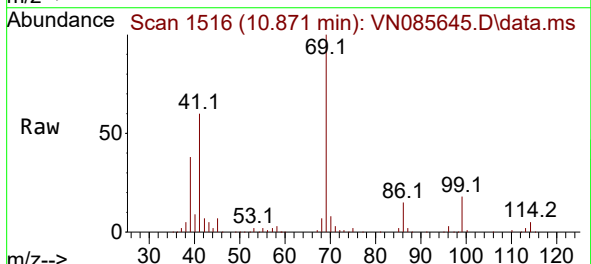
Manual Integrations
APPROVED

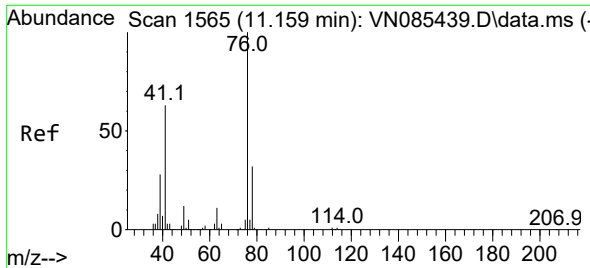
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#56
Ethyl methacrylate
Concen: 50.997 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Tgt Ion: 69 Resp: 199066
Ion Ratio Lower Upper
69 100
41 59.3 54.6 82.0
39 35.8 32.4 48.6





#57

1,3-Dichloropropane

Concen: 56.030 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 225579

Ion Ratio Lower Upper

76 100

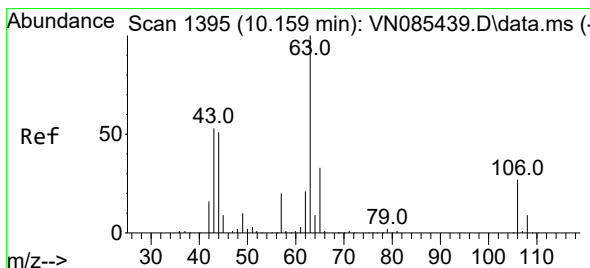
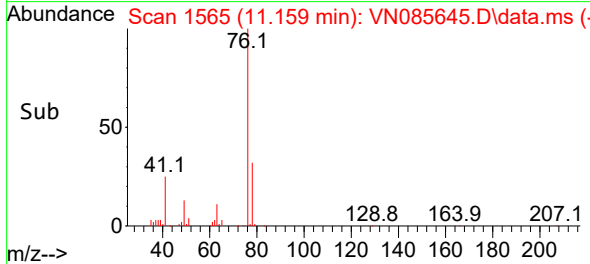
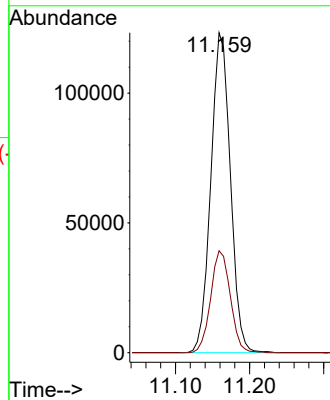
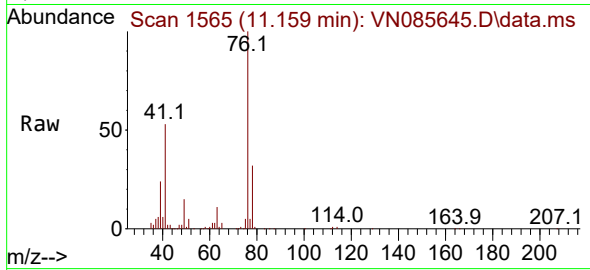
78 32.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#58

2-Chloroethyl Vinyl ether

Concen: 228.313 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN085645.D

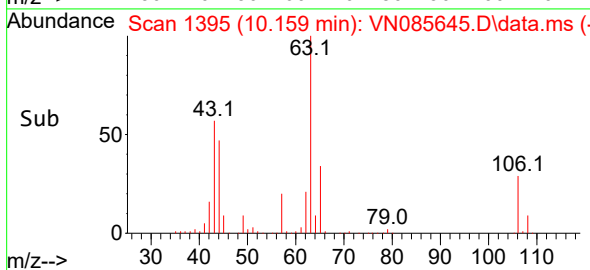
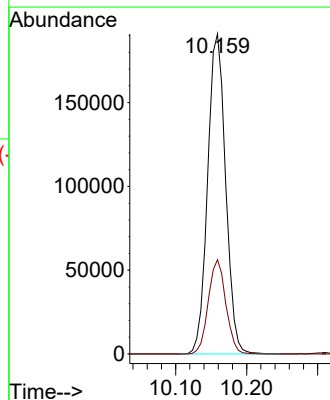
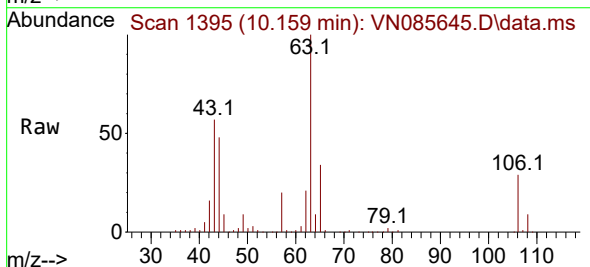
Acq: 04 Feb 2025 11:05

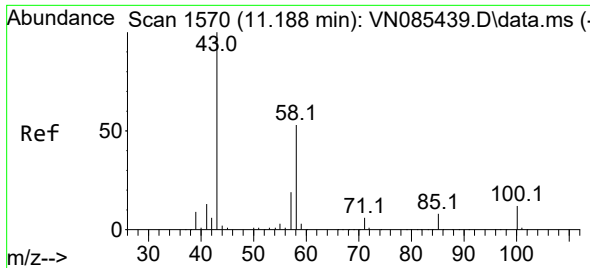
Tgt Ion: 63 Resp: 335470

Ion Ratio Lower Upper

63 100

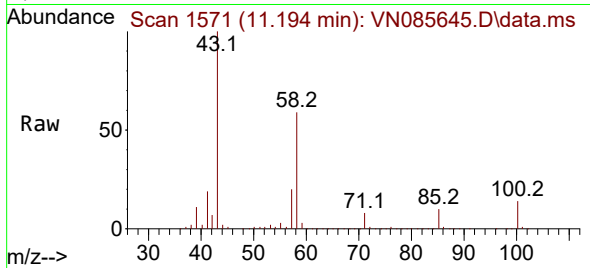
106 28.7 21.6 32.4





#59
2-Hexanone
Concen: 261.399 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

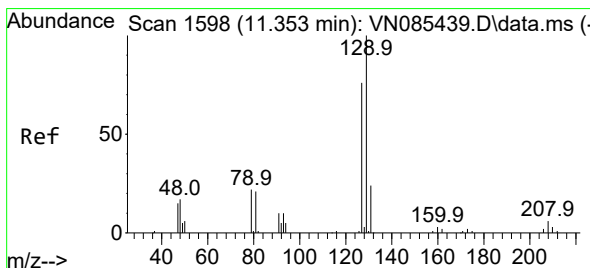
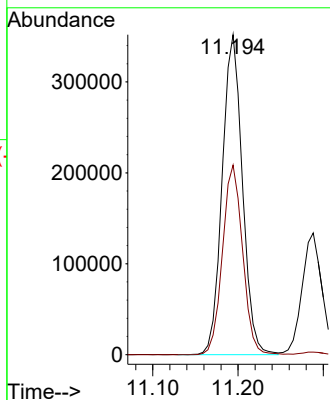
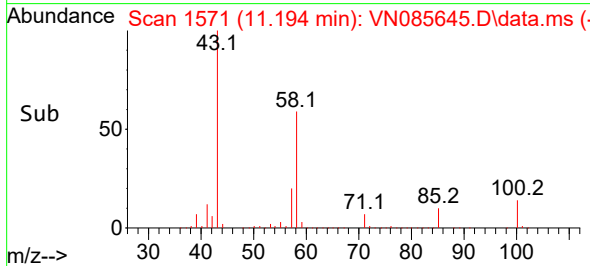
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 580109
Ion Ratio Lower Upper
43 100
58 58.9 26.2 78.6

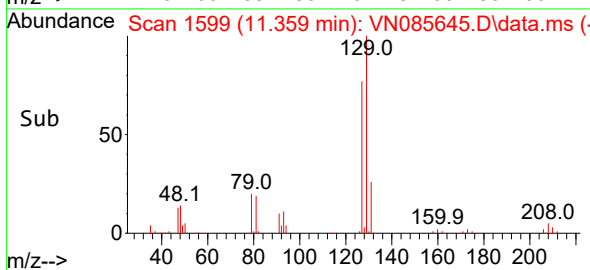
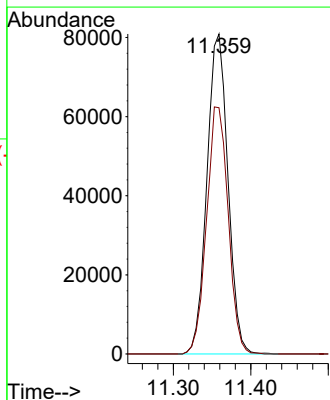
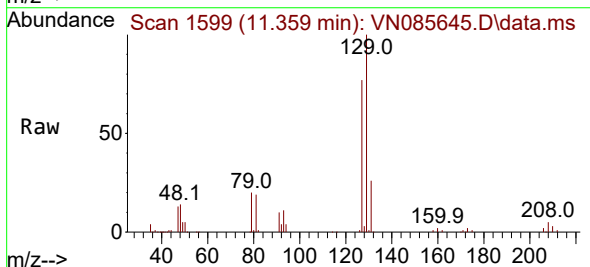
Manual Integrations
APPROVED

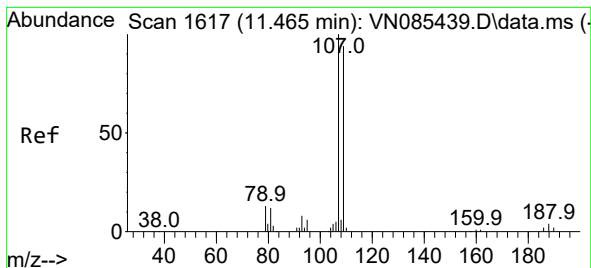
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#60
Dibromochloromethane
Concen: 54.508 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

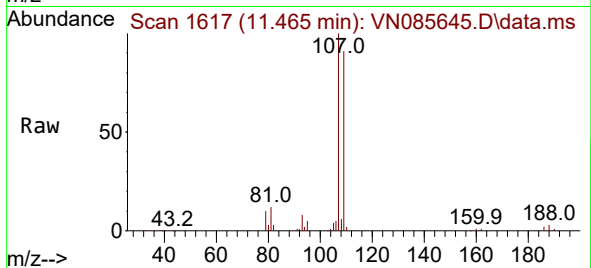
Tgt Ion:129 Resp: 152370
Ion Ratio Lower Upper
129 100
127 79.3 38.6 115.8





#61
1,2-Dibromoethane
Concen: 56.226 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

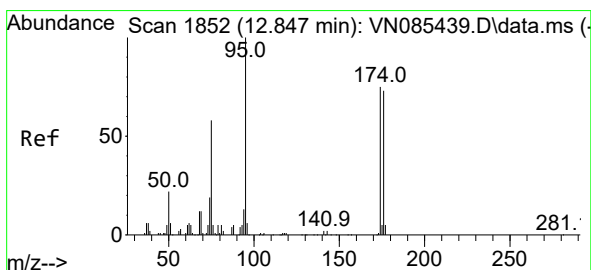
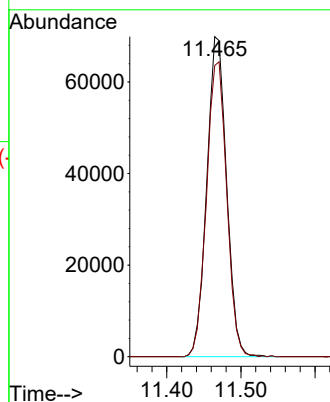
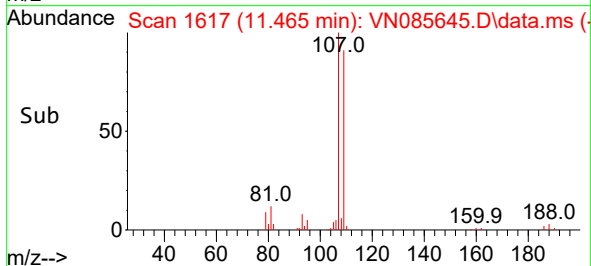
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



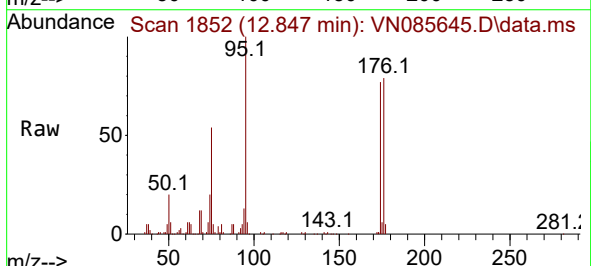
Tgt Ion:107 Resp: 129588
Ion Ratio Lower Upper
107 100
109 94.2 75.9 113.9

Manual Integrations
APPROVED

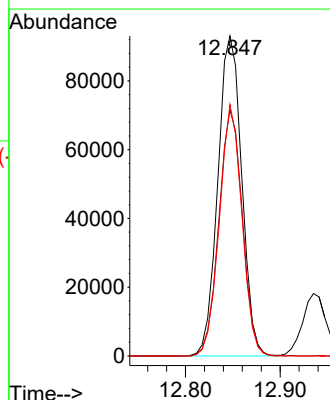
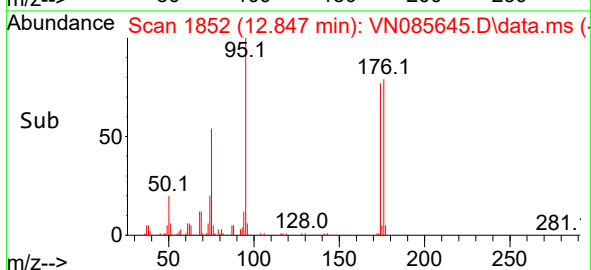
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

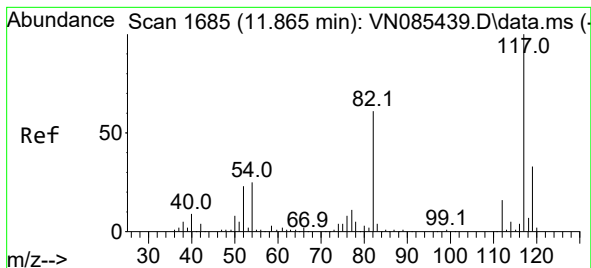


#62
4-Bromofluorobenzene
Concen: 56.013 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05



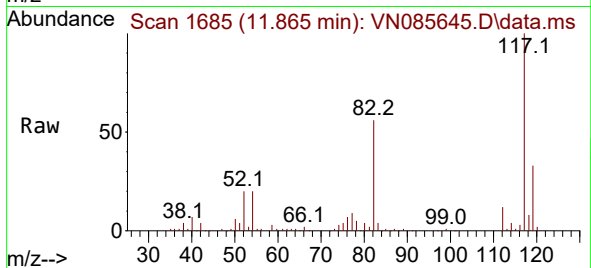
Tgt Ion: 95 Resp: 163009
Ion Ratio Lower Upper
95 100
174 75.9 0.0 145.0
176 73.9 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

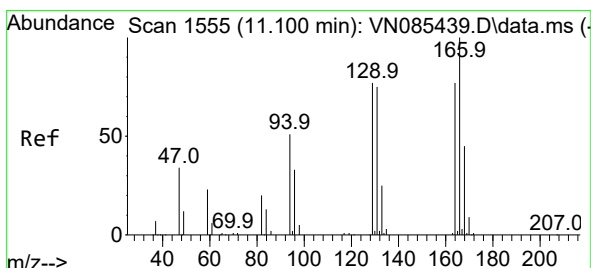
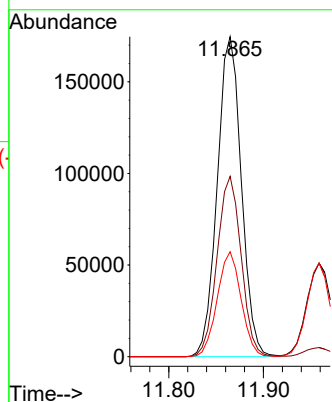
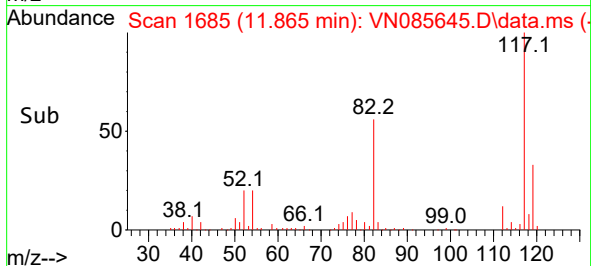
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



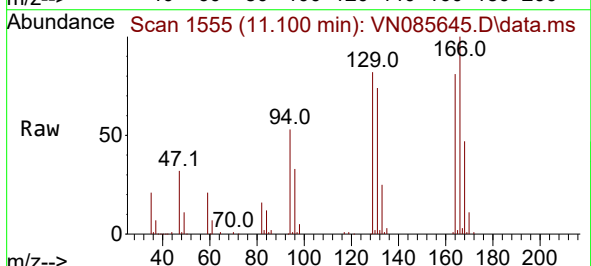
Tgt Ion:117 Resp: 30905
Ion Ratio Lower Upper
117 100
82 56.3 48.6 72.8
119 32.8 26.6 39.8

Manual Integrations
APPROVED

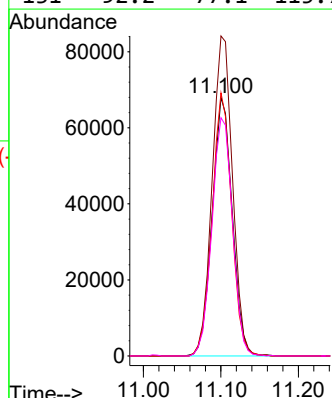
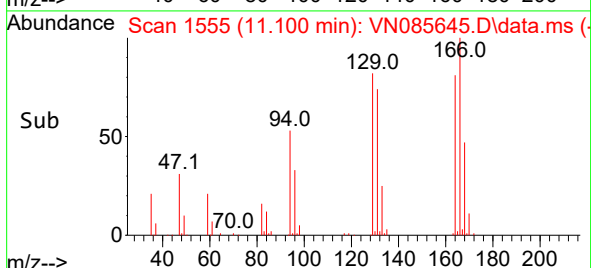
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

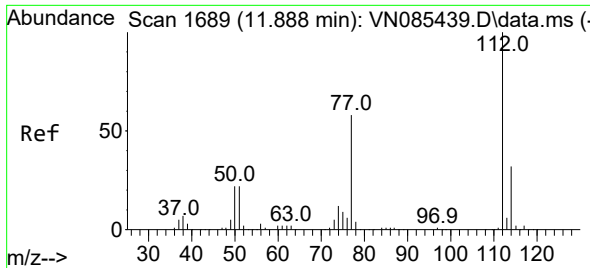


#64
Tetrachloroethene
Concen: 58.273 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05



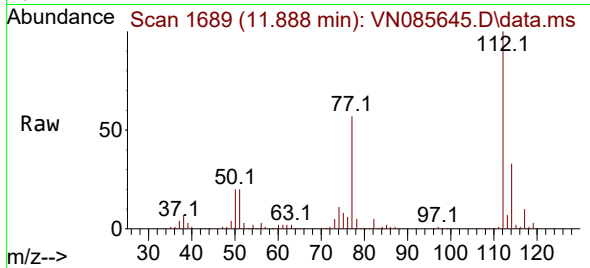
Tgt Ion:164 Resp: 122776
Ion Ratio Lower Upper
164 100
166 123.9 103.4 155.2
129 101.8 79.2 118.8
131 92.2 77.1 115.7





#65
Chlorobenzene
Concen: 56.165 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

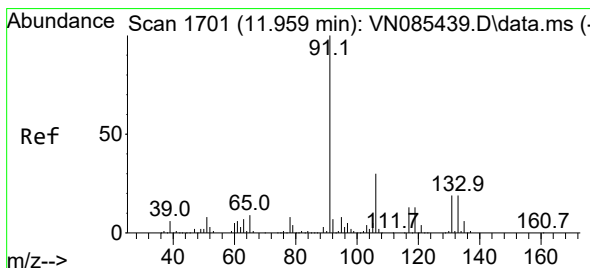
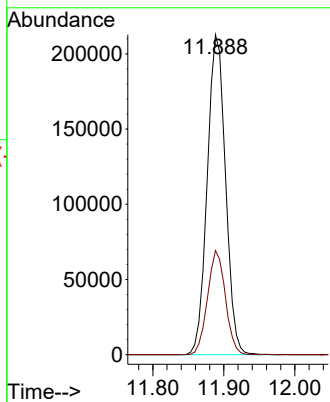
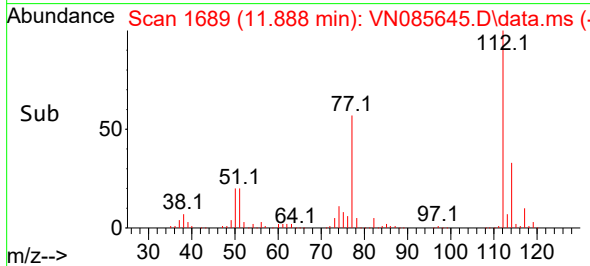
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 380252
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9

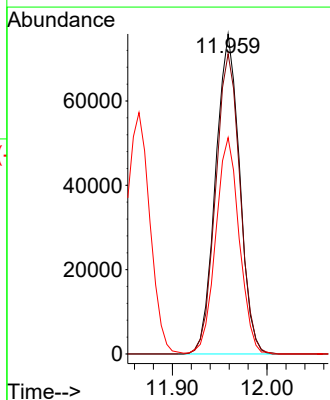
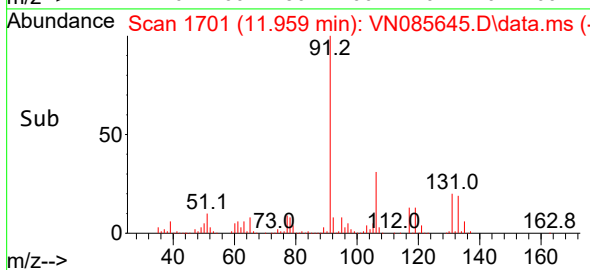
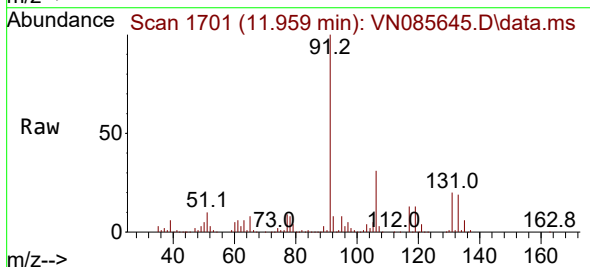
Manual Integrations
APPROVED

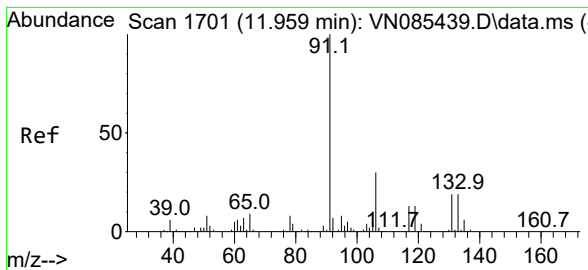
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.847 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

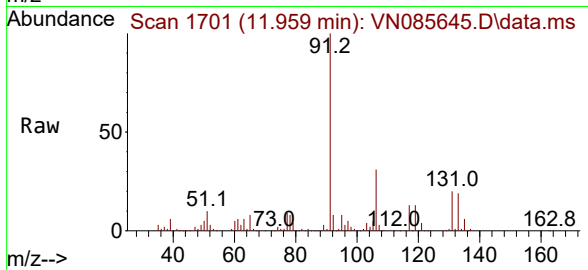
Tgt Ion:131 Resp: 133801
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.3
119 66.4 33.1 99.5





#67
Ethyl Benzene
Concen: 59.349 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

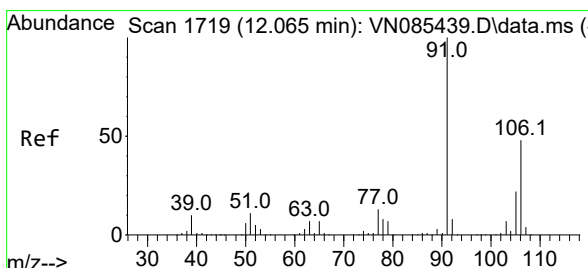
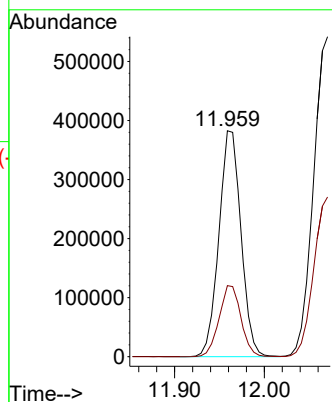
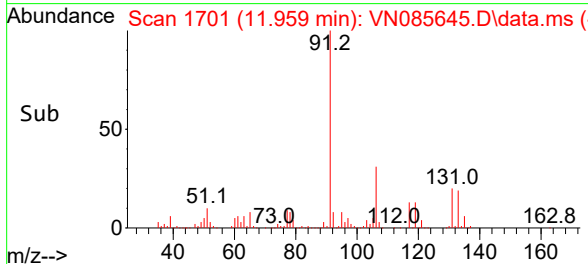
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



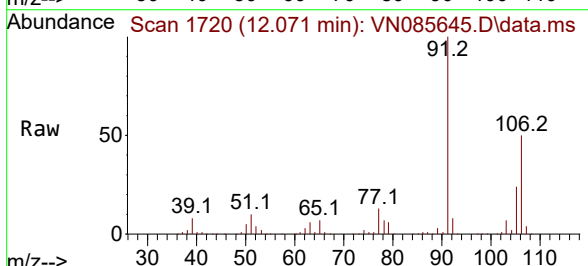
Tgt Ion: 91 Resp: 654450
Ion Ratio Lower Upper
91 100
106 31.5 23.8 35.8

Manual Integrations
APPROVED

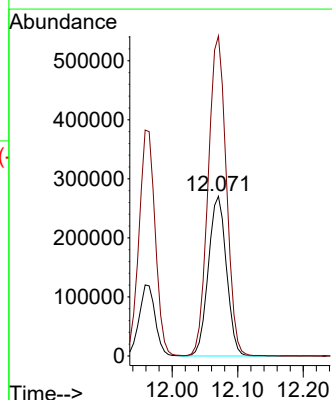
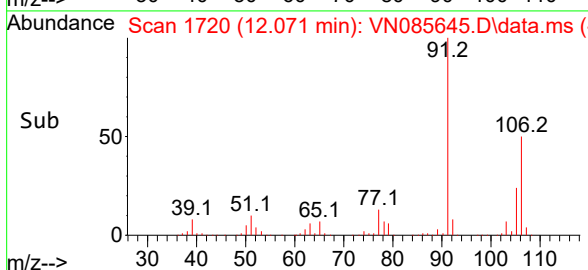
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

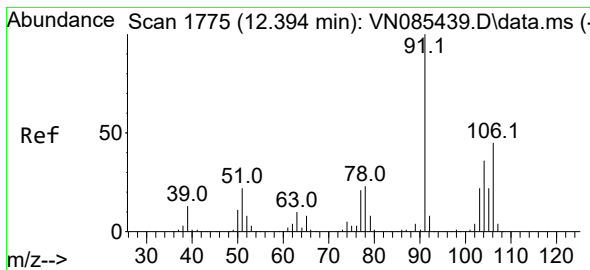


#68
m/p-Xylenes
Concen: 127.234 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05



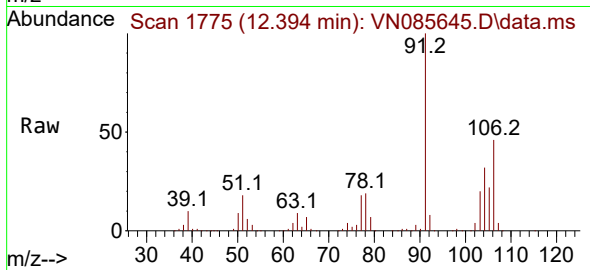
Tgt Ion:106 Resp: 518534
Ion Ratio Lower Upper
106 100
91 201.3 167.7 251.5





#69
o-Xylene
Concen: 61.940 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

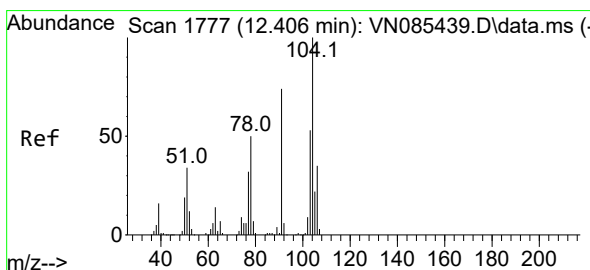
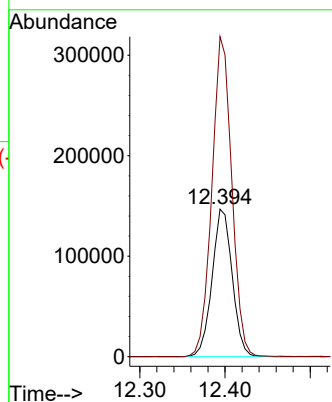
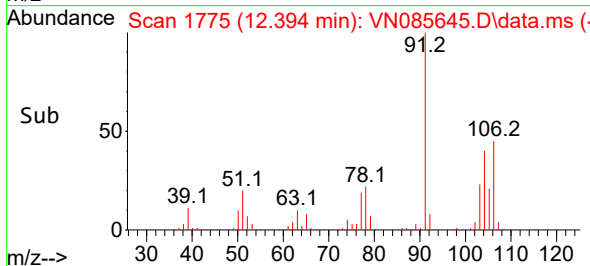
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



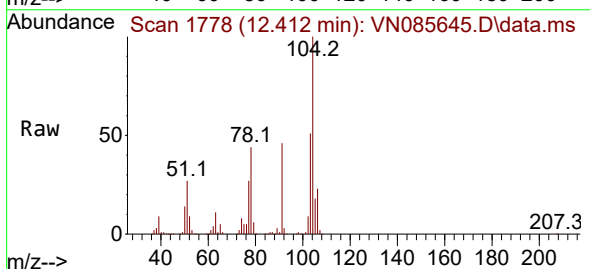
Tgt Ion:106 Resp: 24124
Ion Ratio Lower Upper
106 100
91 214.2 110.4 331.2

Manual Integrations
APPROVED

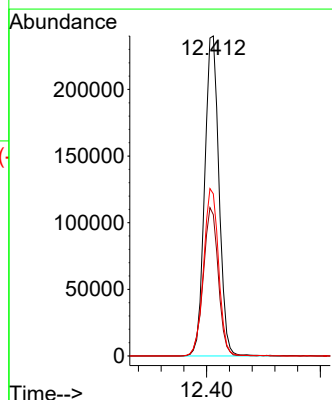
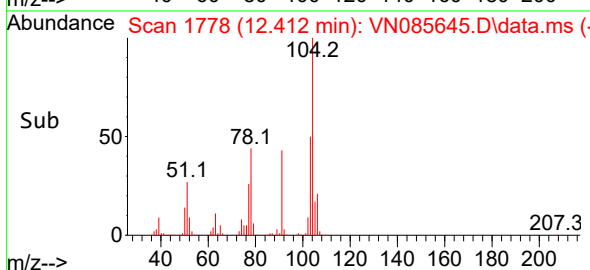
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

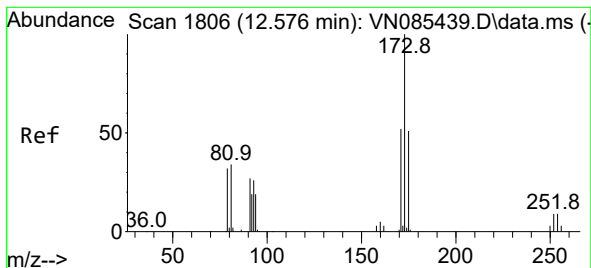


#70
Styrene
Concen: 65.022 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05



Tgt Ion:104 Resp: 419116
Ion Ratio Lower Upper
104 100
78 48.4 42.5 63.7
103 54.9 43.8 65.8





#71

Bromoform

Concen: 56.133 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

Instrument :

MSVOA_N

ClientSampleId :

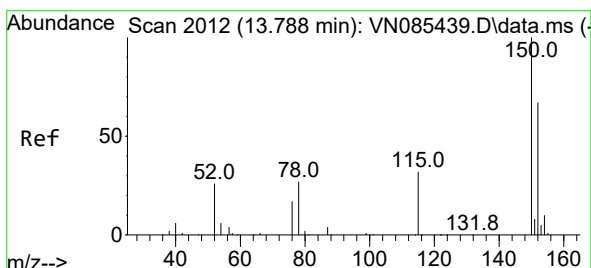
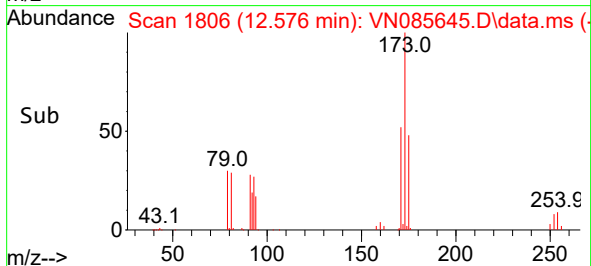
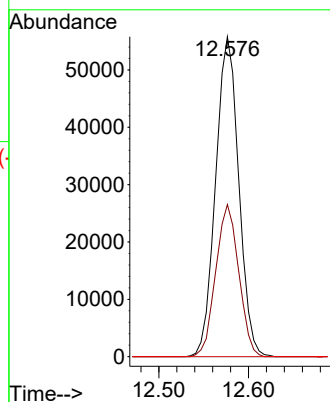
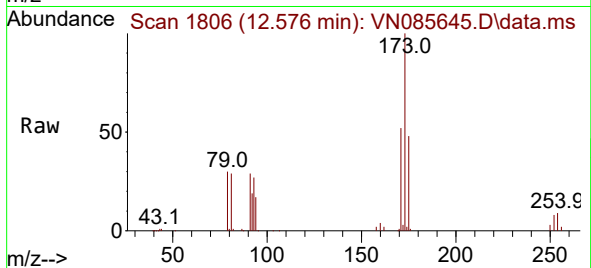
VSTDCCC050

Tgt Ion:173 Resp: 9980
 Ion Ratio Lower Upper
 173 100
 175 47.2 24.4 73.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

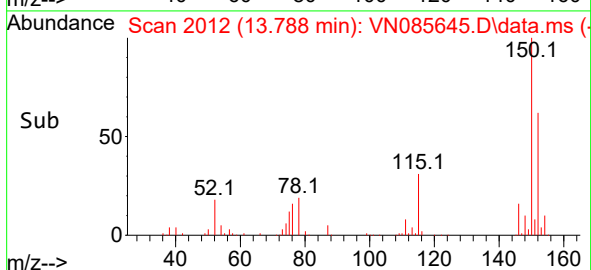
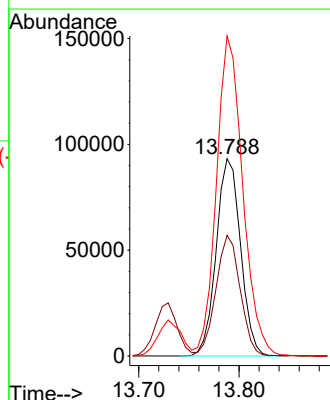
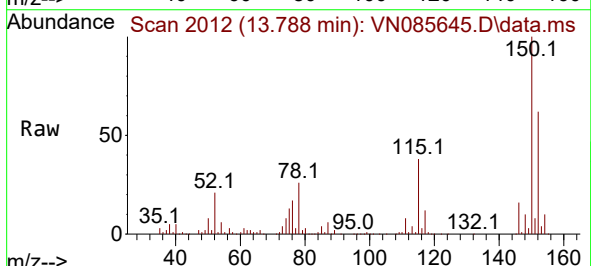
RT: 13.788 min Scan# 1212

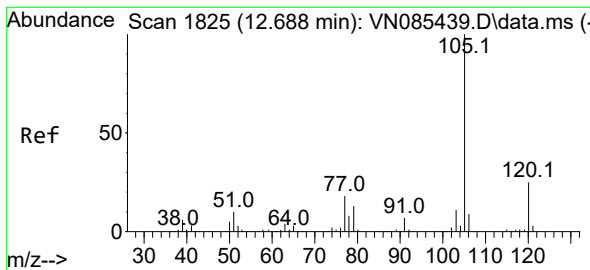
Delta R.T. 0.000 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

Tgt Ion:152 Resp: 157058
 Ion Ratio Lower Upper
 152 100
 115 61.2 31.1 93.3
 150 175.6 0.0 343.6





#73

Isopropylbenzene

Concen: 57.186 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 60617

Ion Ratio Lower Upper

105 100

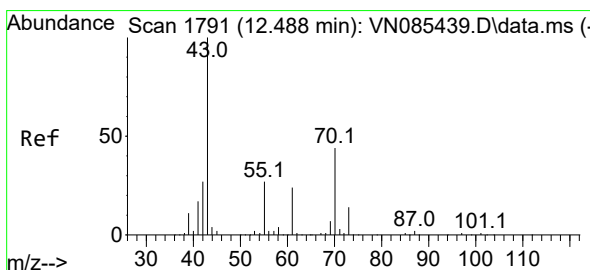
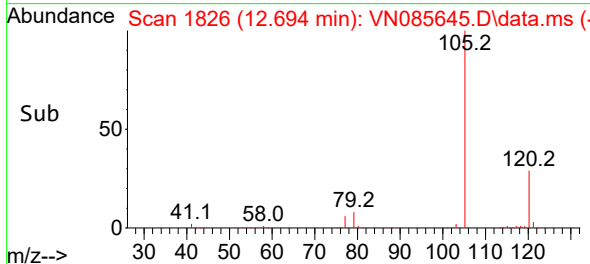
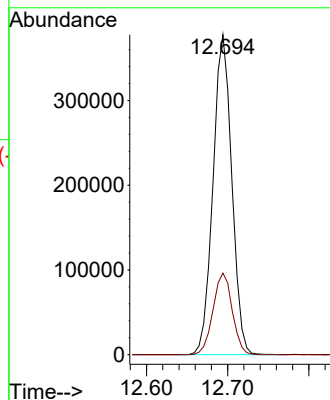
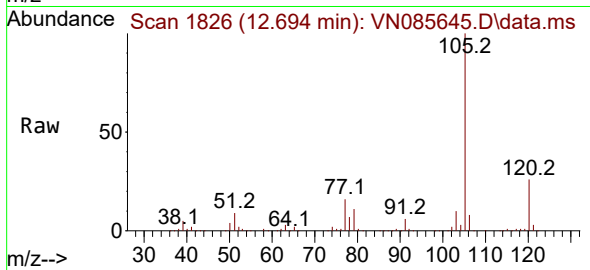
120 26.1 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#74

N-ethyl acetate

Concen: 49.123 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

Tgt Ion: 43 Resp: 234045

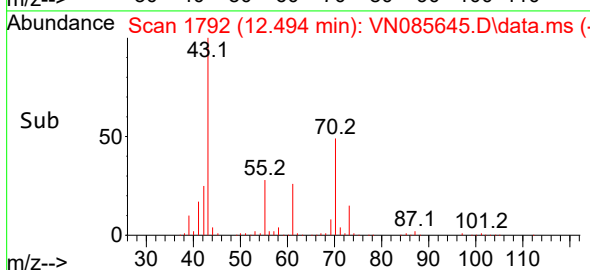
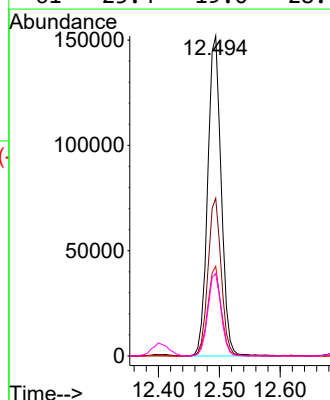
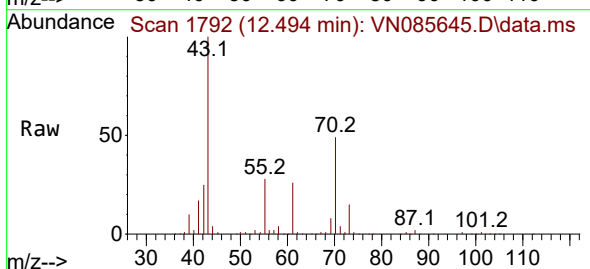
Ion Ratio Lower Upper

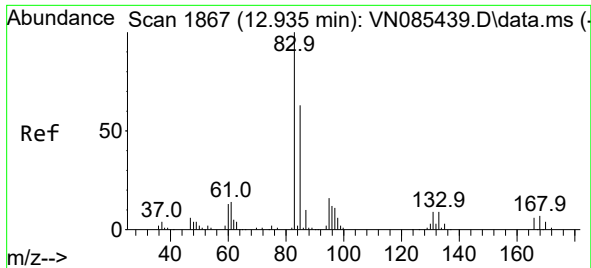
43 100

70 48.2 34.0 51.0

55 27.8 21.4 32.2

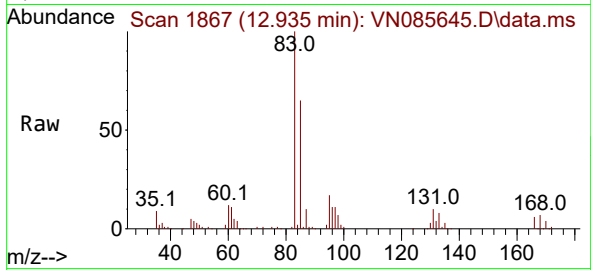
61 25.4 19.0 28.4





#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.322 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN085645.D
 Acq: 04 Feb 2025 11:05

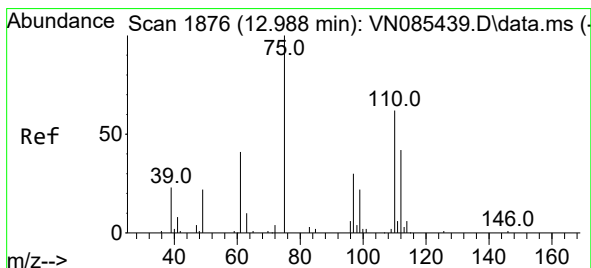
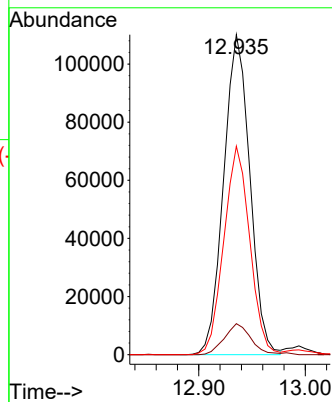
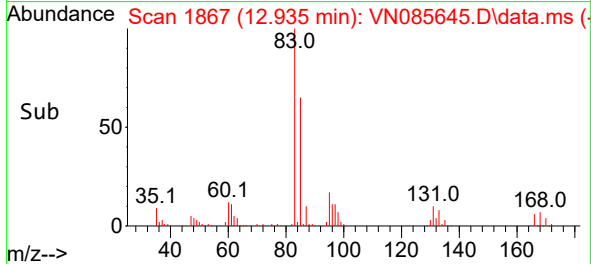
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 83 Resp: 188424
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.8 14.4
 85 64.2 32.2 96.6

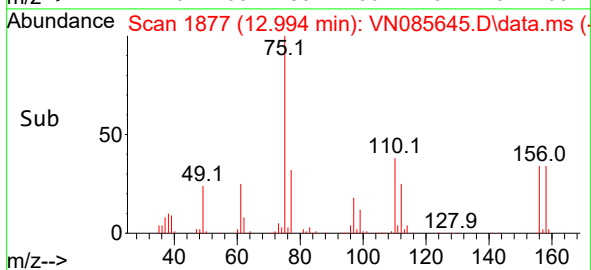
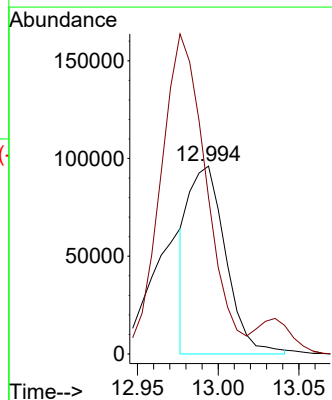
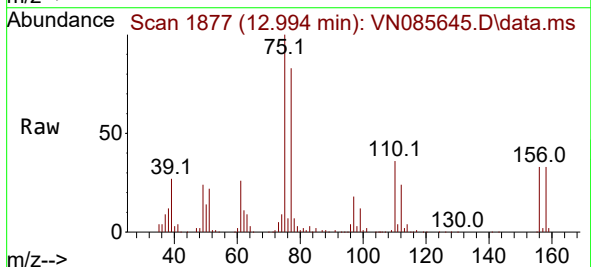
Manual Integrations
 APPROVED

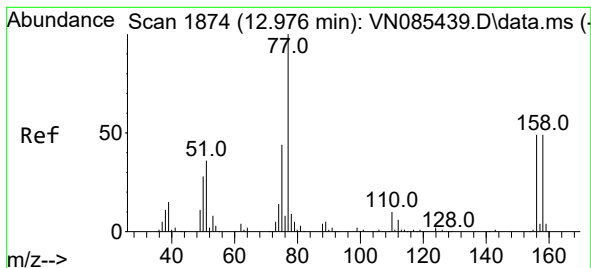
Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025



#76
 1,2,3-Trichloropropane
 Concen: 48.165 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN085645.D
 Acq: 04 Feb 2025 11:05

Tgt Ion: 75 Resp: 153753
 Ion Ratio Lower Upper
 75 100
 77 209.9 109.7 329.2





#77

Bromobenzene

Concen: 53.497 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

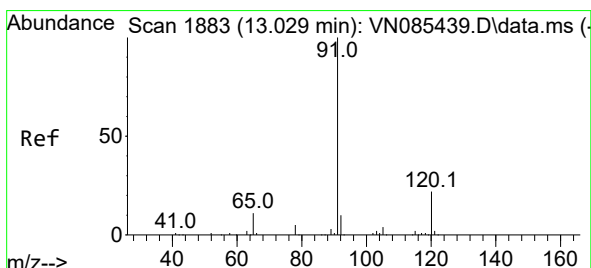
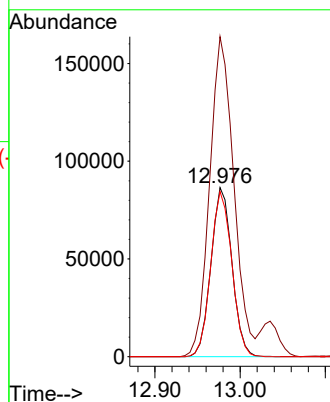
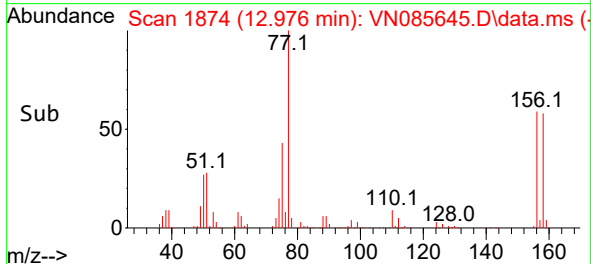
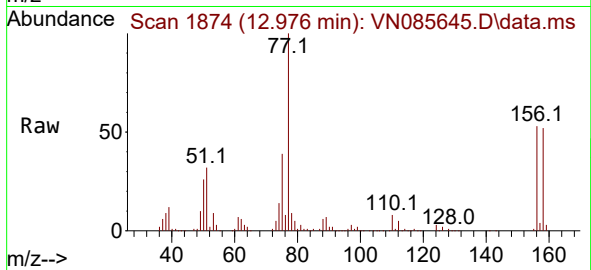
Tgt Ion:156 Resp: 14815
 Ion Ratio Lower Upper
 156 100
 77 217.8 114.1 342.4
 158 98.2 48.9 146.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#78

n-propylbenzene

Concen: 58.330 ug/l

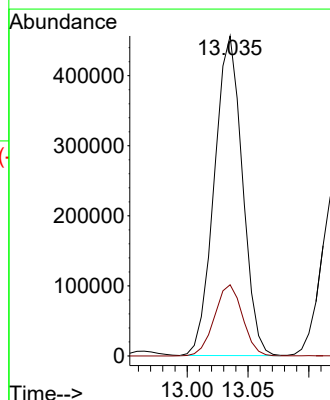
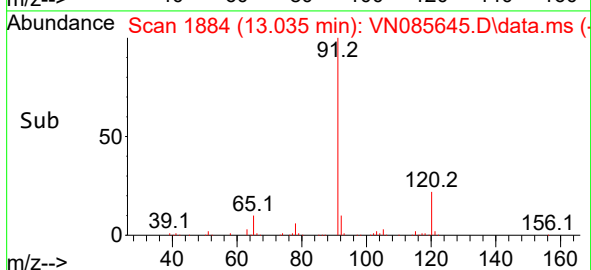
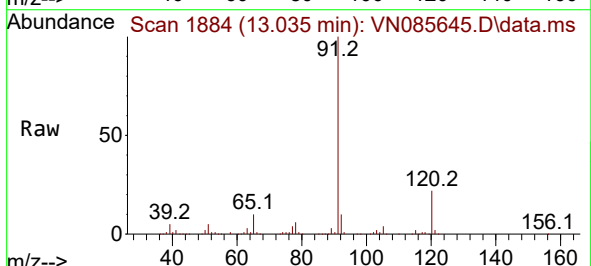
RT: 13.035 min Scan# 1884

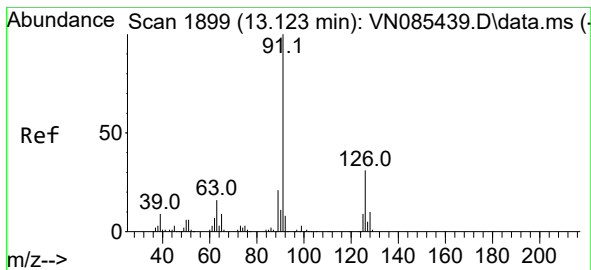
Delta R.T. 0.006 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

Tgt Ion: 91 Resp: 731968
 Ion Ratio Lower Upper
 91 100
 120 22.3 10.9 32.6





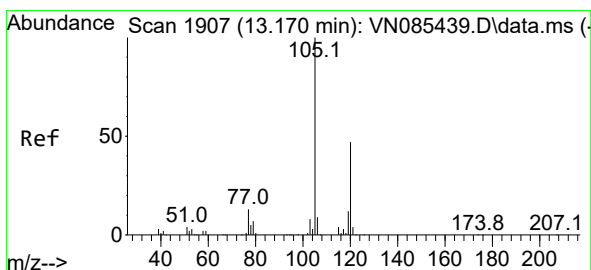
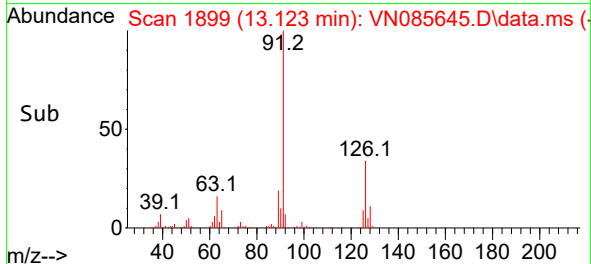
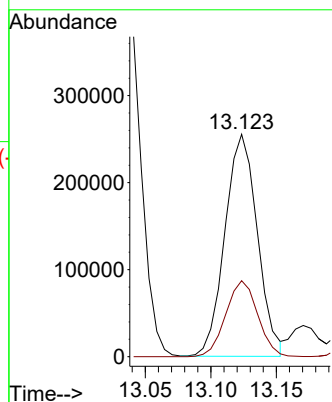
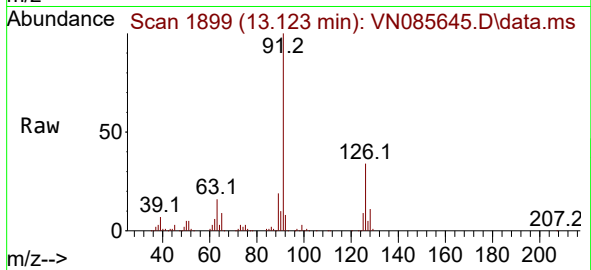
#79
2-Chlorotoluene
Concen: 54.157 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 439835
Ion Ratio Lower Upper
91 100
126 33.7 15.7 47.1

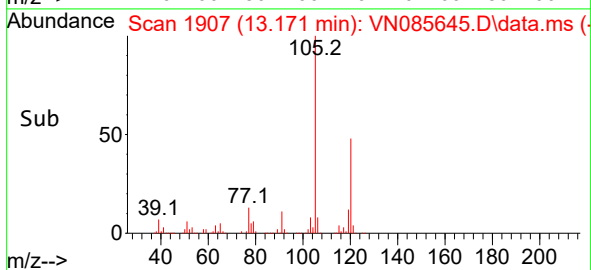
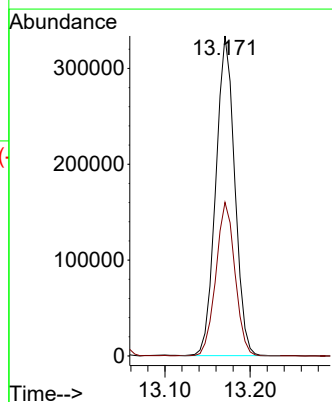
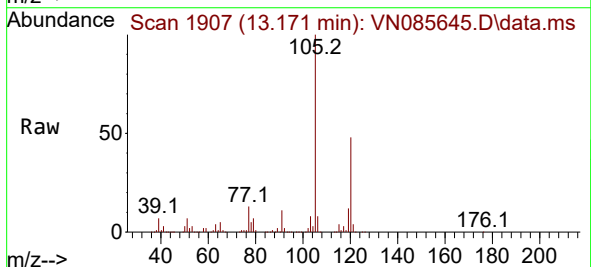
Manual Integrations
APPROVED

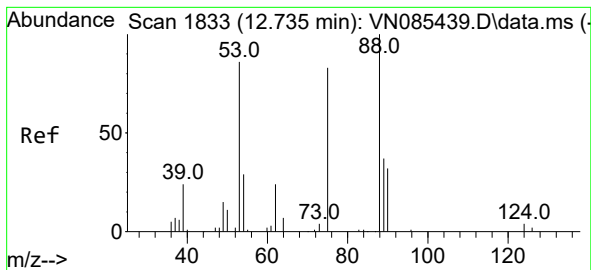
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 58.774 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Tgt Ion:105 Resp: 514612
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7





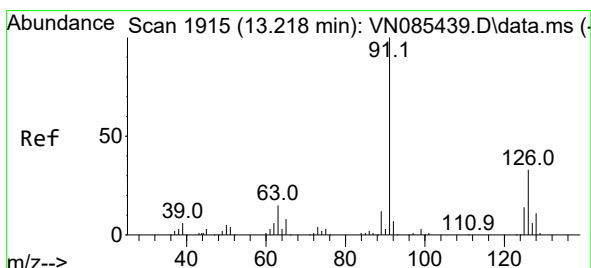
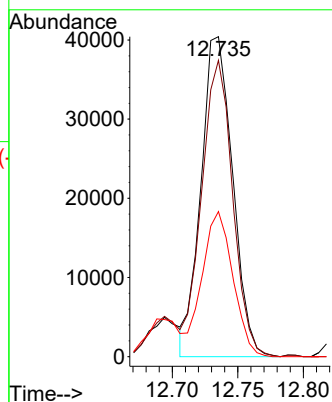
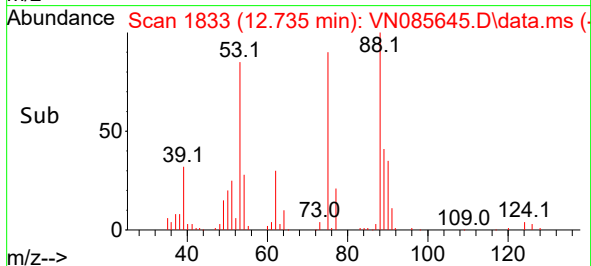
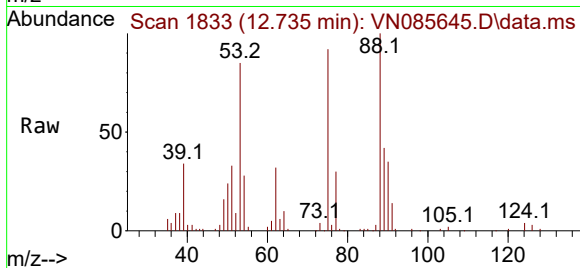
#81
trans-1,4-Dichloro-2-butene
Concen: 57.659 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 6803
Ion Ratio Lower Upper
75 100
53 90.8 95.6 143.4
89 44.8 37.0 55.6

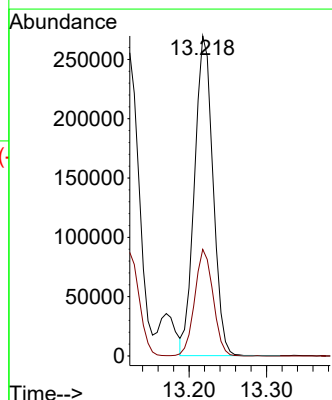
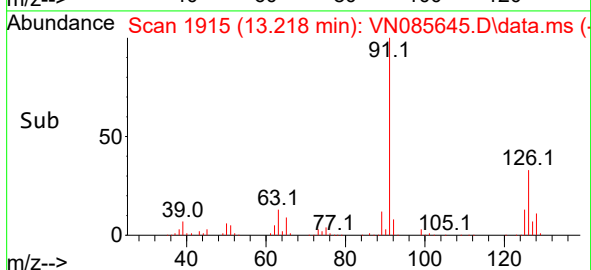
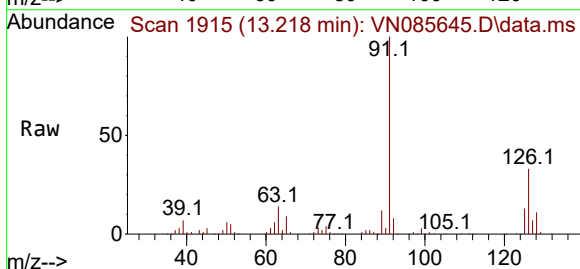
Manual Integrations
APPROVED

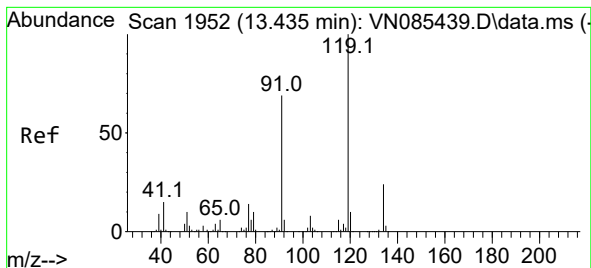
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#82
4-Chlorotoluene
Concen: 55.070 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Tgt Ion: 91 Resp: 445323
Ion Ratio Lower Upper
91 100
126 33.2 15.9 47.7





#83

tert-Butylbenzene

Concen: 55.960 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 411462

Ion Ratio Lower Upper

119 100

91 67.4 35.1 105.3

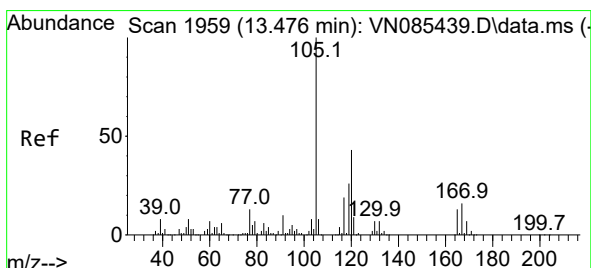
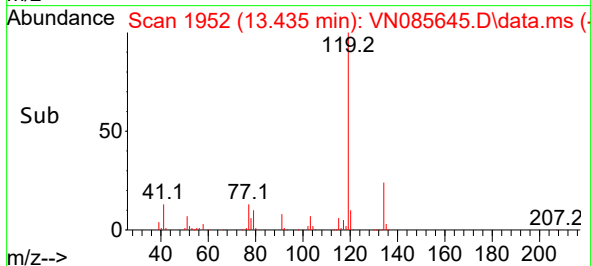
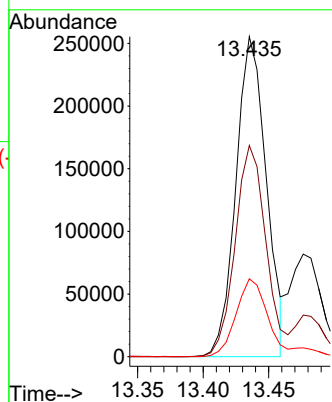
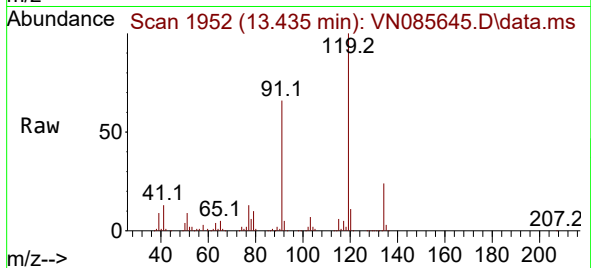
134 27.2 12.0 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#84

1,2,4-Trimethylbenzene

Concen: 59.518 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085645.D

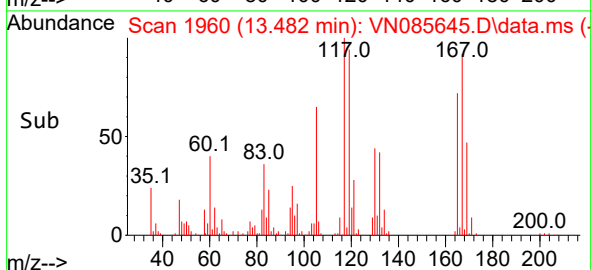
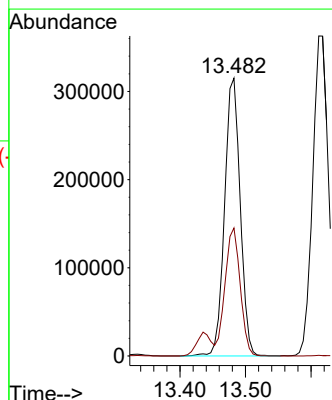
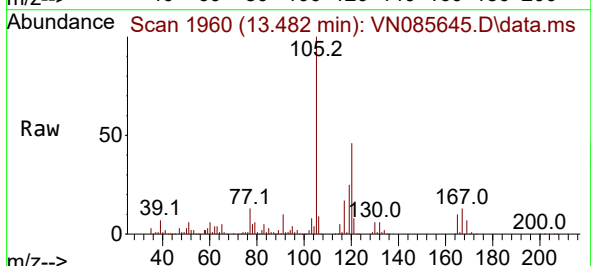
Acq: 04 Feb 2025 11:05

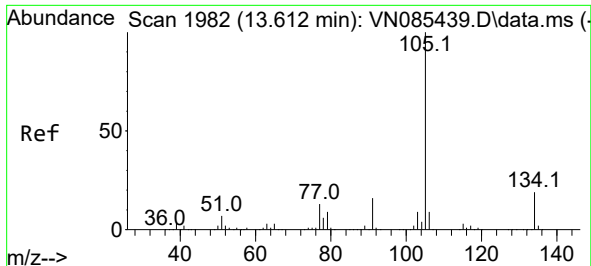
Tgt Ion:105 Resp: 519388

Ion Ratio Lower Upper

105 100

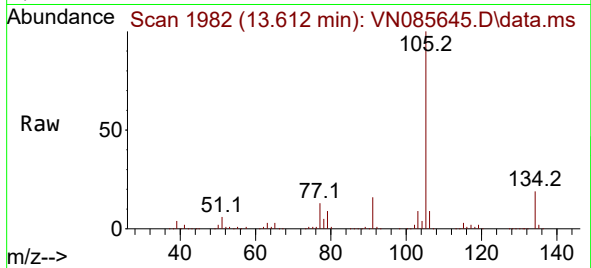
120 44.8 21.6 65.0





#85
 sec-Butylbenzene
 Concen: 59.408 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085645.D
 Acq: 04 Feb 2025 11:05

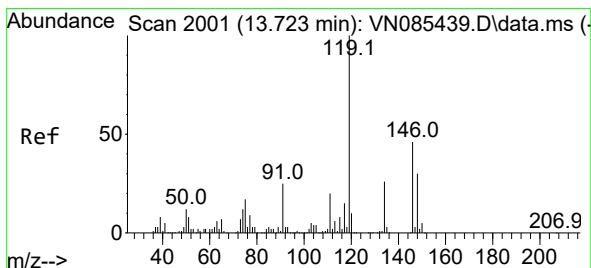
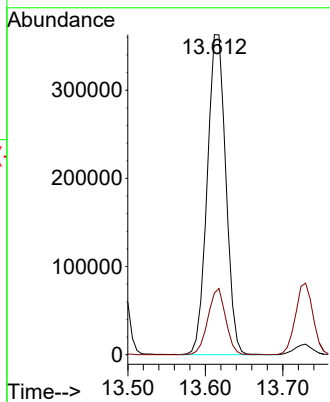
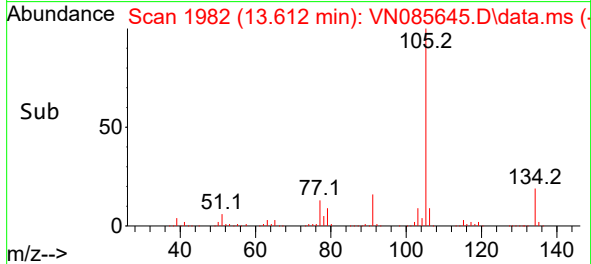
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



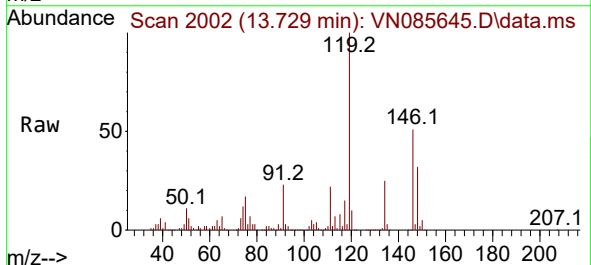
Tgt Ion:105 Resp: 60541
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9

Manual Integrations
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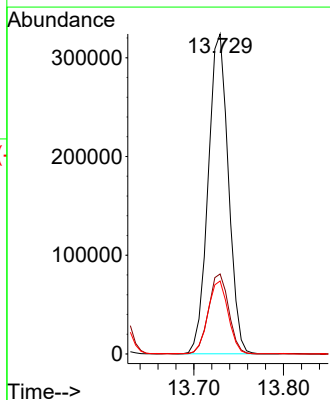
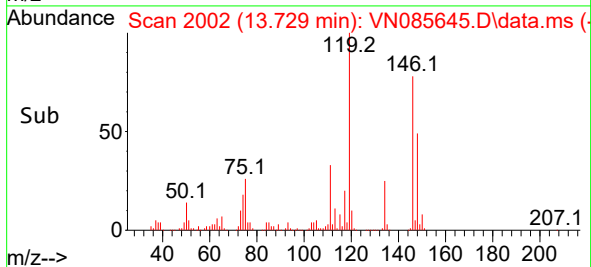
Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025

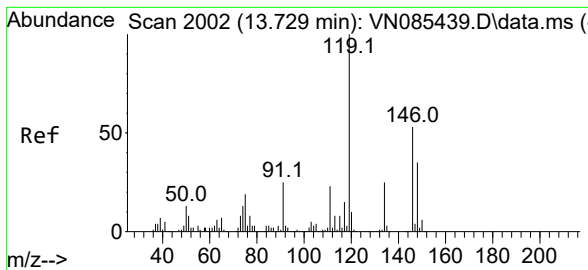


#86
 p-Isopropyltoluene
 Concen: 54.534 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085645.D
 Acq: 04 Feb 2025 11:05



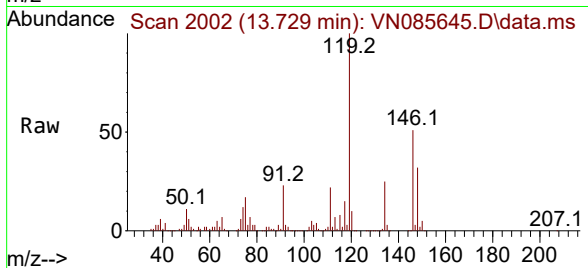
Tgt Ion:119 Resp: 506039
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.0
 91 22.8 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 54.455 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

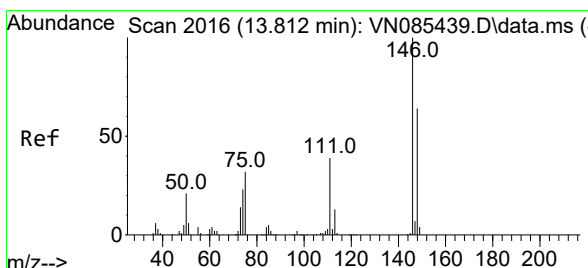
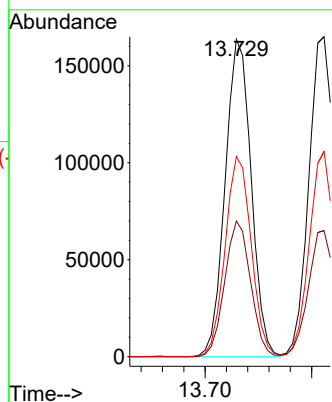
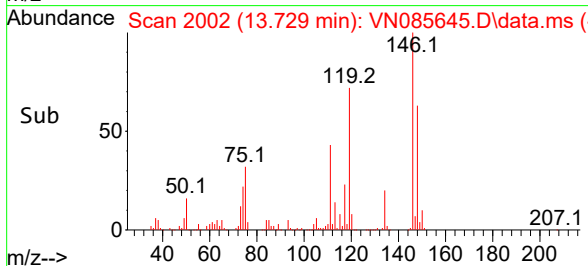
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



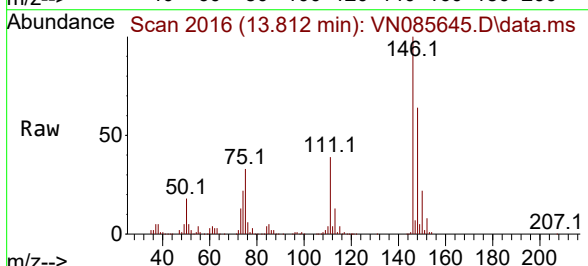
Tgt Ion:146 Resp: 27773
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.3
148 63.4 32.3 96.9

Manual Integrations
APPROVED

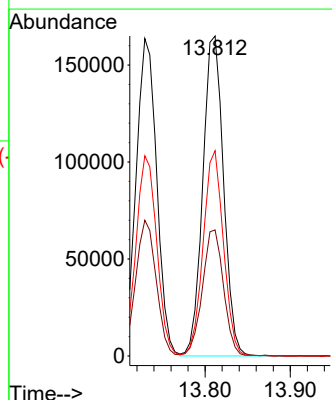
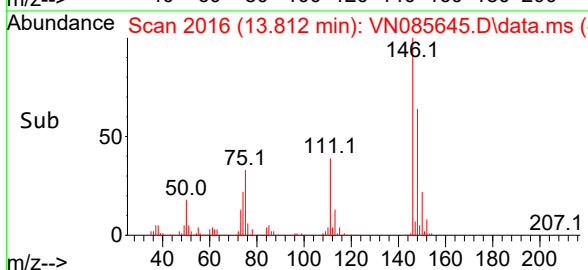
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

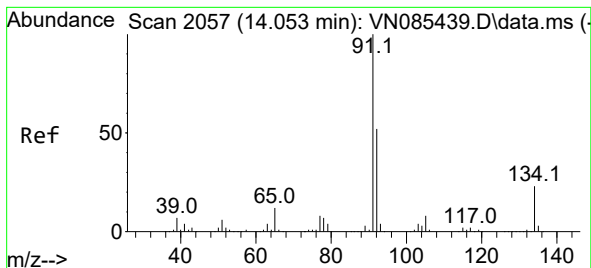


#88
1,4-Dichlorobenzene
Concen: 52.768 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05



Tgt Ion:146 Resp: 278955
Ion Ratio Lower Upper
146 100
111 40.4 21.3 63.7
148 63.0 32.4 97.0





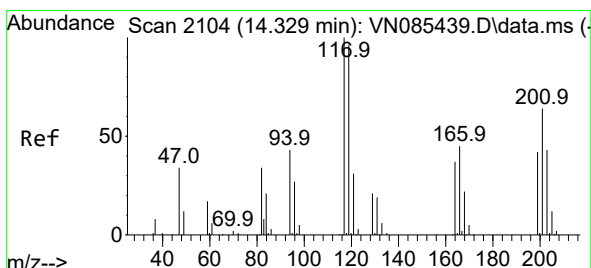
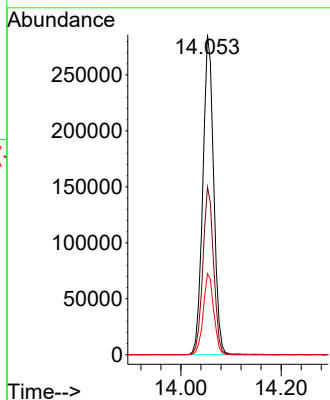
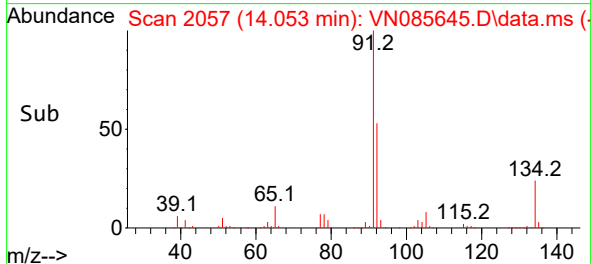
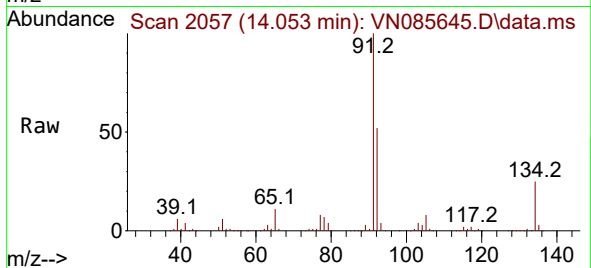
#89
n-Butylbenzene
Concen: 58.781 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 42974
Ion Ratio Lower Upper
91 100
92 52.0 25.8 77.3
134 24.6 11.7 35.1

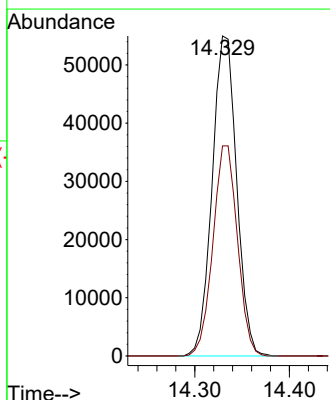
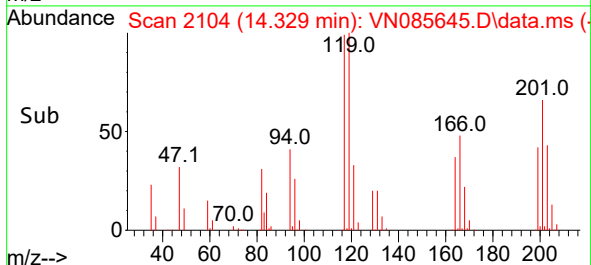
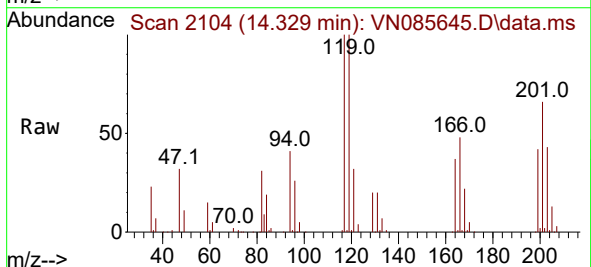
Manual Integrations
APPROVED

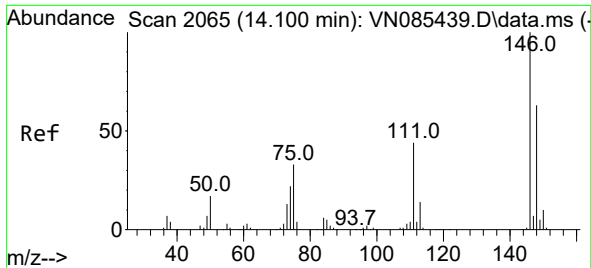
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#90
Hexachloroethane
Concen: 50.887 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

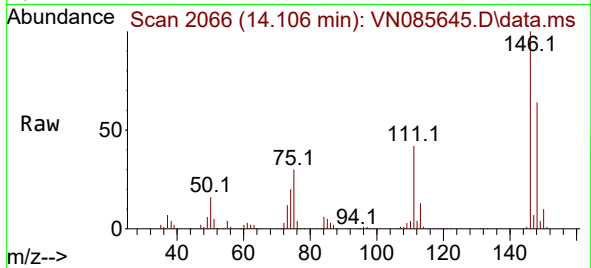
Tgt Ion:117 Resp: 98723
Ion Ratio Lower Upper
117 100
201 65.8 33.7 101.0





#91
1,2-Dichlorobenzene
Concen: 52.333 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05

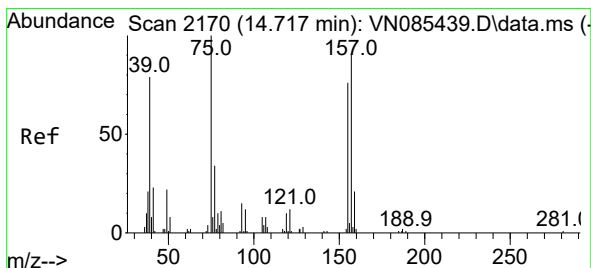
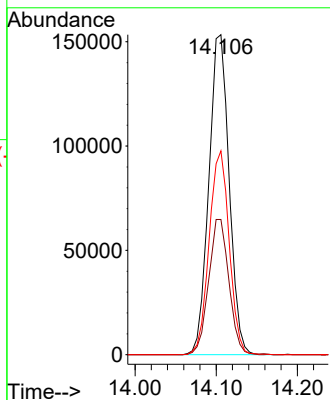
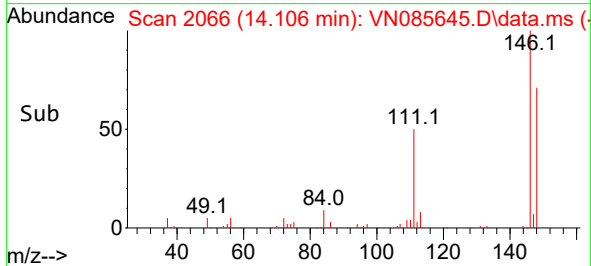
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



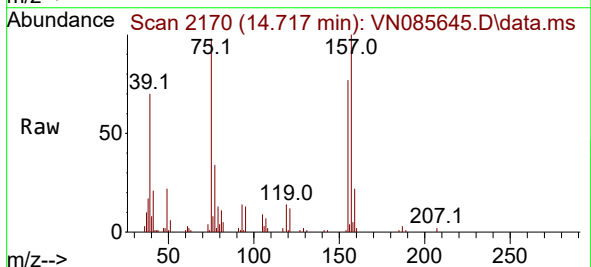
Tgt Ion:146 Resp: 266234
Ion Ratio Lower Upper
146 100
111 42.2 21.7 65.1
148 62.9 31.4 94.2

Manual Integrations
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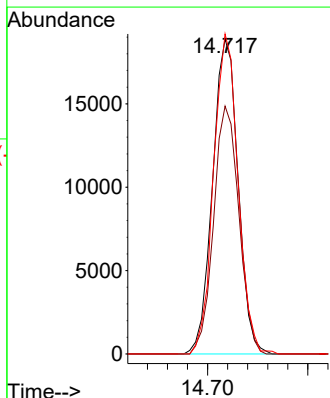
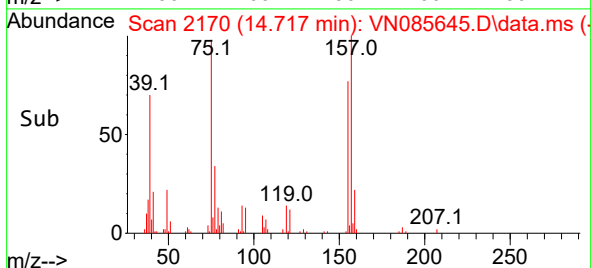
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

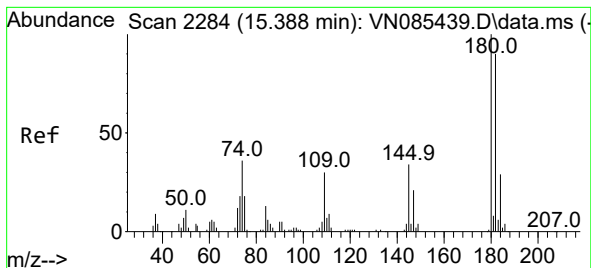


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.620 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085645.D
Acq: 04 Feb 2025 11:05



Tgt Ion: 75 Resp: 33244
Ion Ratio Lower Upper
75 100
155 78.3 36.4 109.2
157 97.5 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 52.709 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 124629

Ion Ratio Lower Upper

180 100

182 95.6 46.8 140.3

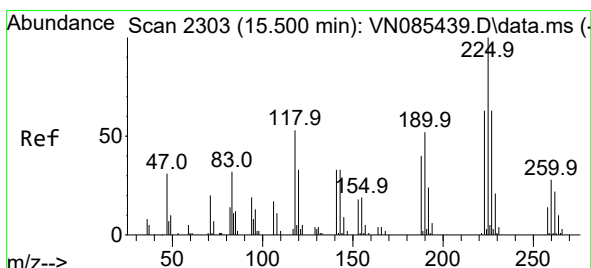
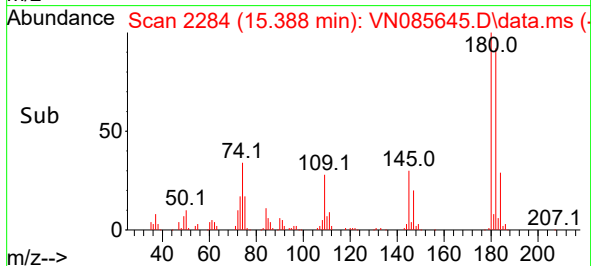
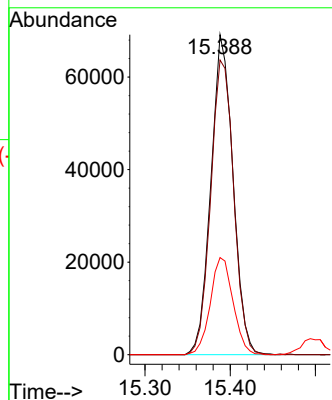
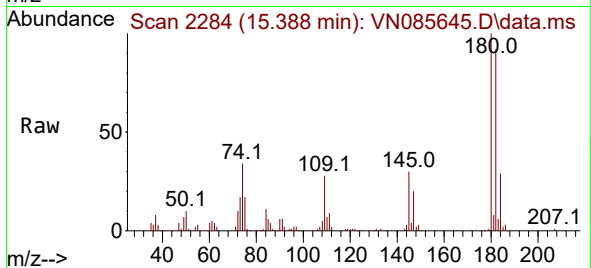
145 31.2 16.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#94

Hexachlorobutadiene

Concen: 48.466 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

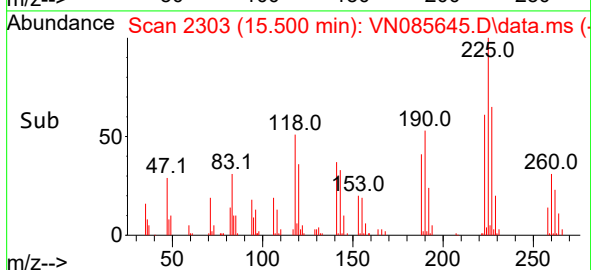
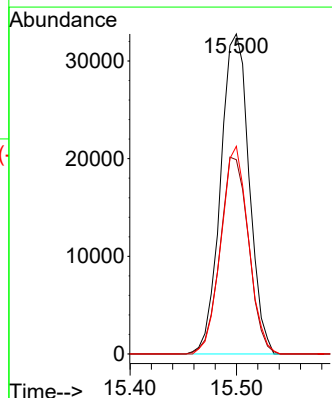
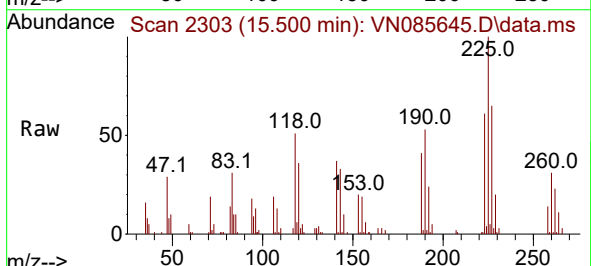
Tgt Ion:225 Resp: 60840

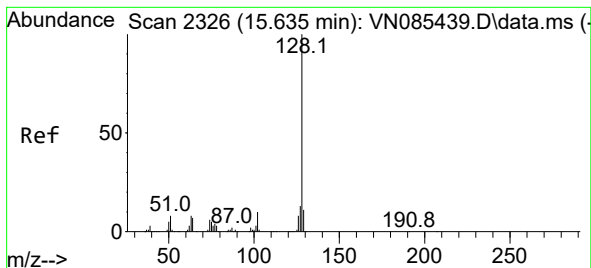
Ion Ratio Lower Upper

225 100

223 61.7 30.7 92.1

227 62.6 30.9 92.5





#95

Naphthalene

Concen: 55.897 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

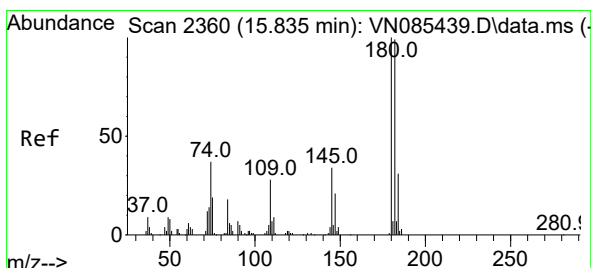
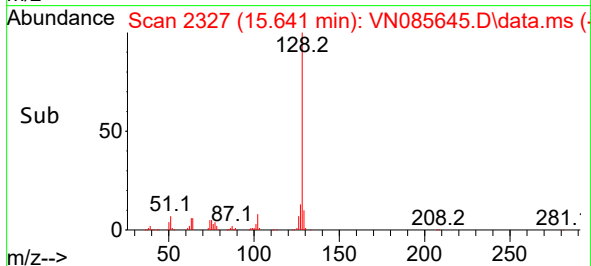
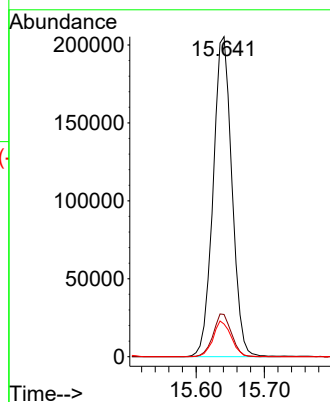
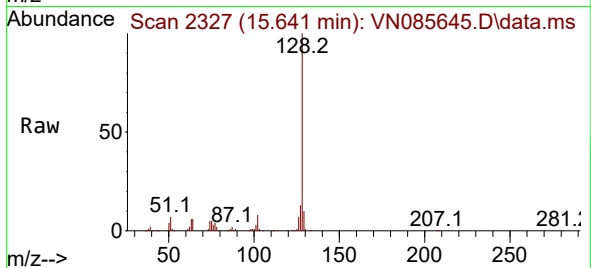
Tgt Ion:128 Resp: 394392
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.6 16.0
 129 10.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#96

1,2,3-Trichlorobenzene

Concen: 52.330 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085645.D

Acq: 04 Feb 2025 11:05

Tgt Ion:180 Resp: 125197
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.4 142.2
 145 32.8 16.9 50.7

