

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011425\
 Data File : VN085439.D
 Acq On : 14 Jan 2025 15:19
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/15/2025
 Supervised By : Mahesh Dadoda 01/15/2025

Quant Time: Jan 15 01:42:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 01:28:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	199403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	339872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	146624	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	165768	51.500	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.000%
35) Dibromofluoromethane	8.159	113	121554	51.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.100%
50) Toluene-d8	10.565	98	430698	51.411	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.847	95	152568	53.239	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	125504	46.486	ug/l	100
3) Chloromethane	2.359	50	135631	46.398	ug/l	100
4) Vinyl Chloride	2.512	62	136831	46.569	ug/l	100
5) Bromomethane	2.953	94	83199	46.877	ug/l	100
6) Chloroethane	3.118	64	84517	45.371	ug/l	100
7) Trichlorofluoromethane	3.501	101	198726	46.613	ug/l	100
8) Diethyl Ether	3.953	74	71764	48.726	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	108081	45.010	ug/l	100
10) Methyl Iodide	4.589	142	143383	52.142	ug/l	100
11) Tert butyl alcohol	5.512	59	92841	251.894	ug/l	100
12) 1,1-Dichloroethene	4.342	96	106247	49.647	ug/l	100
13) Acrolein	4.171	56	139234	276.734	ug/l	100
14) Allyl chloride	5.018	41	168654	48.567	ug/l	100
15) Acrylonitrile	5.712	53	296781	253.507	ug/l	100
16) Acetone	4.418	43	251271	241.603	ug/l	100
17) Carbon Disulfide	4.706	76	294604	44.710	ug/l	100
18) Methyl Acetate	5.018	43	157485	49.798	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	373561	53.758	ug/l	100
20) Methylene Chloride	5.271	84	125508	48.748	ug/l	100
21) trans-1,2-Dichloroethene	5.783	96	110684	48.395	ug/l	100
22) Diisopropyl ether	6.665	45	406253	52.707	ug/l	100
23) Vinyl Acetate	6.594	43	1491031	275.471	ug/l	100
24) 1,1-Dichloroethane	6.565	63	233336	49.648	ug/l	100
25) 2-Butanone	7.477	43	388457	253.815	ug/l	100
26) 2,2-Dichloropropane	7.483	77	186591	49.106	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	136229	50.571	ug/l	100
28) Bromochloromethane	7.806	49	108148	49.461	ug/l	100
29) Tetrahydrofuran	7.830	42	259683	267.624	ug/l	100
30) Chloroform	7.959	83	234271	48.229	ug/l	100
31) Cyclohexane	8.253	56	175588	42.984	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	202590	47.547	ug/l	100
36) 1,1-Dichloropropene	8.365	75	157031	47.453	ug/l	100
37) Ethyl Acetate	7.553	43	165866	49.658	ug/l	100
38) Carbon Tetrachloride	8.359	117	180199	47.564	ug/l	100
39) Methylcyclohexane	9.600	83	157234	50.562	ug/l	100
40) Benzene	8.600	78	492606	49.542	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	91711	52.775	ug/l	100
42) 1,2-Dichloroethane	8.665	62	186065	49.685	ug/l	100
43) Isopropyl Acetate	8.683	43	276228	51.611	ug/l	100
44) Trichloroethene	9.347	130	109953	47.506	ug/l	100
45) 1,2-Dichloropropane	9.618	63	126084	49.644	ug/l	100
46) Dibromomethane	9.706	93	90670	49.476	ug/l	100
47) Bromodichloromethane	9.882	83	189915	50.867	ug/l	100
48) Methyl methacrylate	9.677	41	133399	55.385	ug/l	100
49) 1,4-Dioxane	9.688	88	43048	1061.334	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	836707	269.403	ug/l	100
52) Toluene	10.624	92	295792	51.341	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	187439	53.125	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	199771	53.006	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	115462	50.641	ug/l	100
56) Ethyl methacrylate	10.871	69	184775	48.182	ug/l	100
57) 1,3-Dichloropropane	11.159	76	204590	51.606	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	409594	283.088	ug/l	100
59) 2-Hexanone	11.188	43	606740	277.643	ug/l	100
60) Dibromochloromethane	11.353	129	140704	51.116	ug/l	100
61) 1,2-Dibromoethane	11.465	107	113541	50.028	ug/l	100
64) Tetrachloroethene	11.100	164	95879	47.295	ug/l	100
65) Chlorobenzene	11.888	112	319992	49.121	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	116488	48.722	ug/l	100
67) Ethyl Benzene	11.959	91	555322	52.339	ug/l	100
68) m/p-Xylenes	12.065	106	420702	107.286	ug/l	100
69) o-Xylene	12.394	106	202597	54.062	ug/l	100
70) Styrene	12.406	104	348720	56.227	ug/l	100
71) Bromoform	12.576	173	92366	53.993	ug/l #	100
73) Isopropylbenzene	12.688	105	505619	51.094	ug/l	100
74) N-amyl acetate	12.488	43	237870	53.478	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	167856	48.019	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	130866m	43.982	ug/l	
77) Bromobenzene	12.976	156	125800	48.657	ug/l	100
78) n-propylbenzene	13.029	91	609022	51.986	ug/l	100
79) 2-Chlorotoluene	13.123	91	378981	49.985	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	431021	52.730	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	57184	51.914	ug/l	100
82) 4-Chlorotoluene	13.218	91	379524	50.273	ug/l	100
83) tert-Butylbenzene	13.435	119	357563	52.090	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	442175	54.275	ug/l	100
85) sec-Butylbenzene	13.612	105	501561	52.719	ug/l	100
86) p-Isopropyltoluene	13.723	119	421052	49.240	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	229518	48.204	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	229084	46.416	ug/l	100
89) n-Butylbenzene	14.053	91	364111	53.348	ug/l	100
90) Hexachloroethane	14.329	117	84602	46.712	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	228024	48.012	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32536	50.971	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	114468	51.857	ug/l	100
94) Hexachlorobutadiene	15.500	225	53846	45.947	ug/l	100
95) Naphthalene	15.635	128	363882	55.243	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	115251	51.601	ug/l	100

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

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

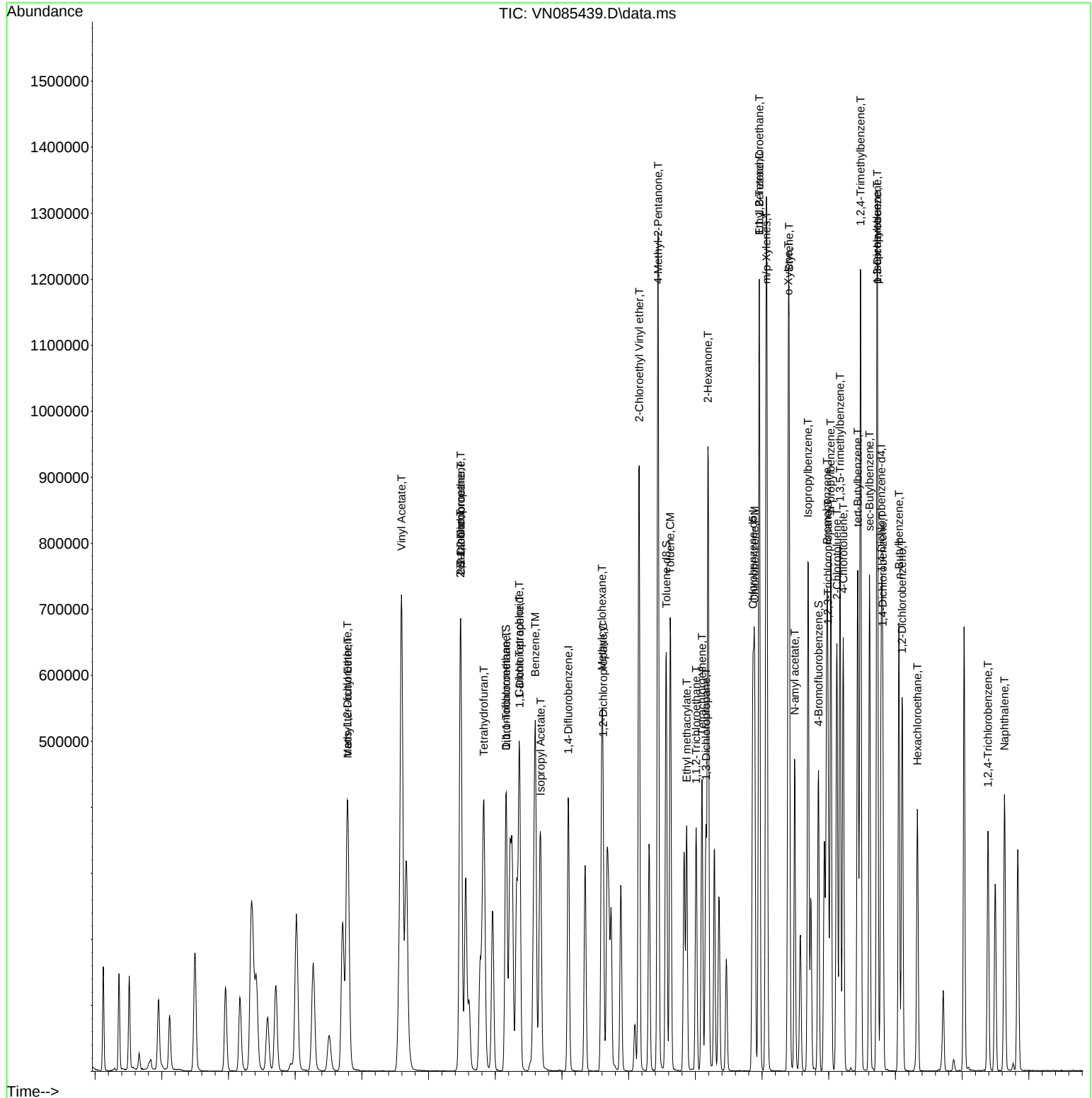
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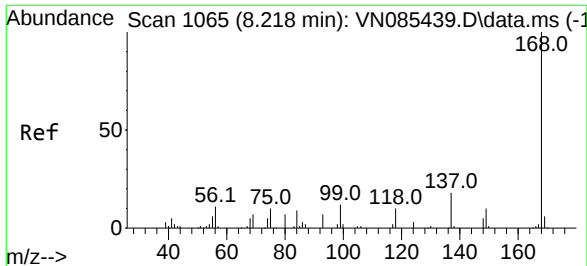
Instrument :
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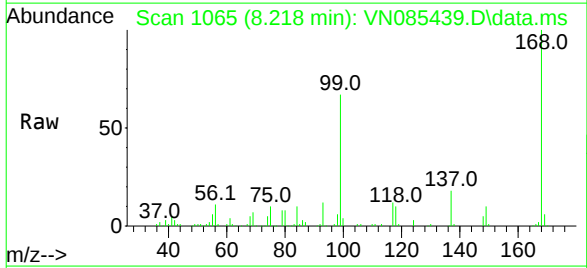
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085439.D
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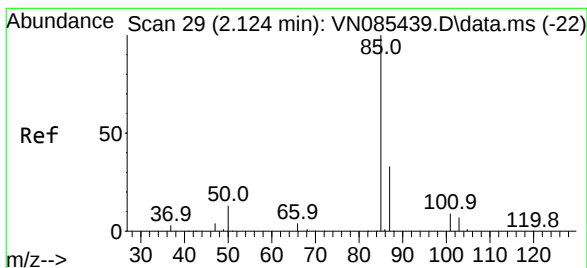
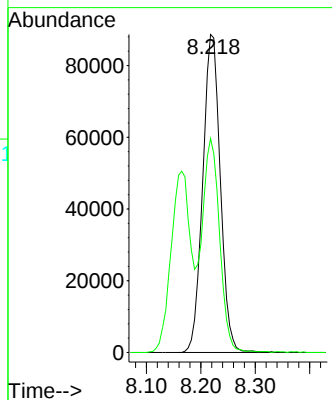
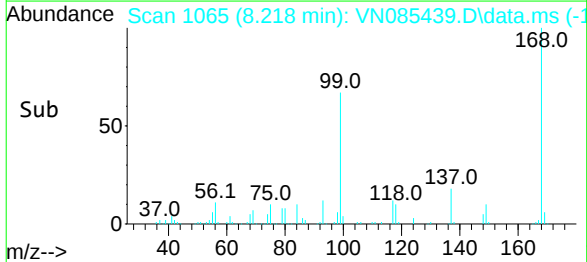
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 199403
Ion Ratio Lower Upper
168 100
99 67.0 53.6 80.4

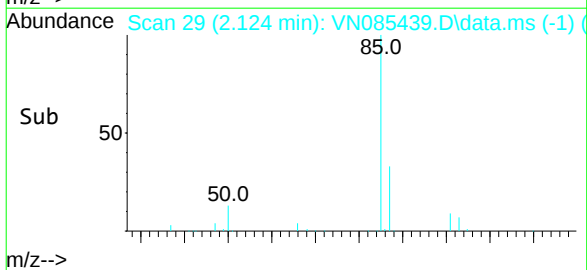
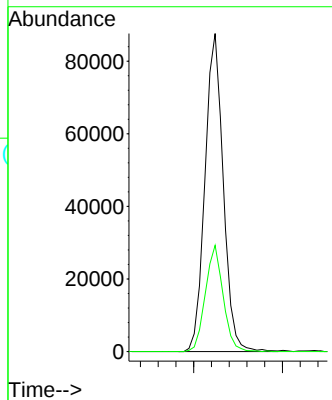
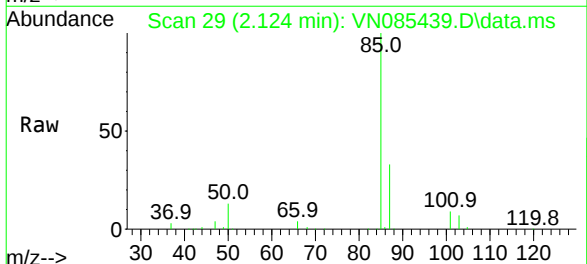
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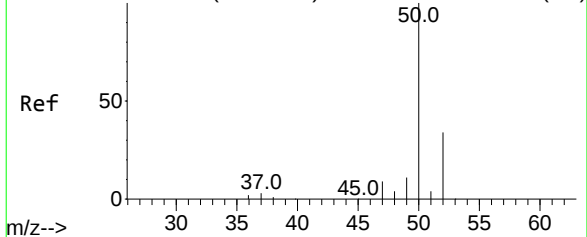


#2
Dichlorodifluoromethane
Concen: 46.486 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion: 85 Resp: 125504
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.1



Abundance Scan 69 (2.359 min): VN085439.D\data.ms (-62)



#3

Chloromethane

Concen: 46.398 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 135631

Ion Ratio Lower Upper

50 100

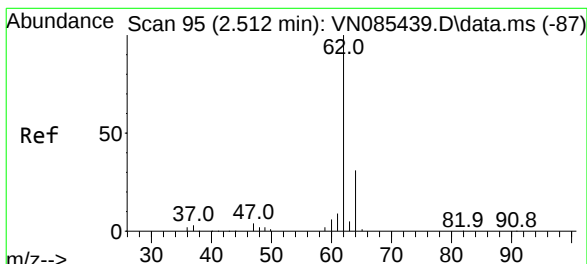
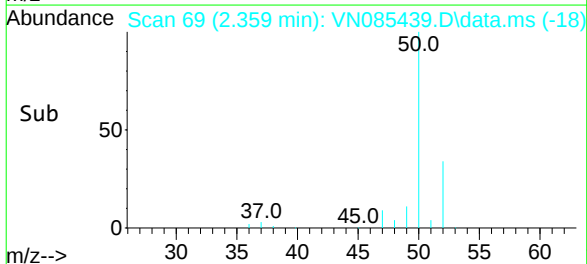
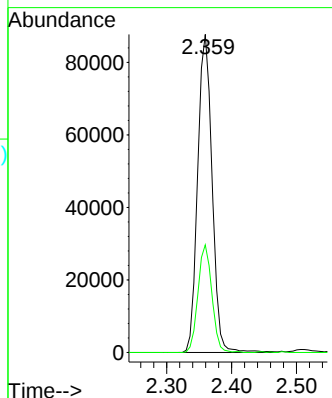
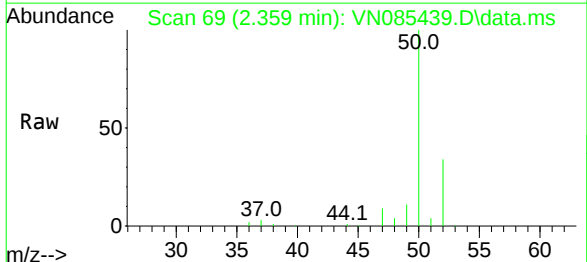
52 33.8 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.569 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN085439.D

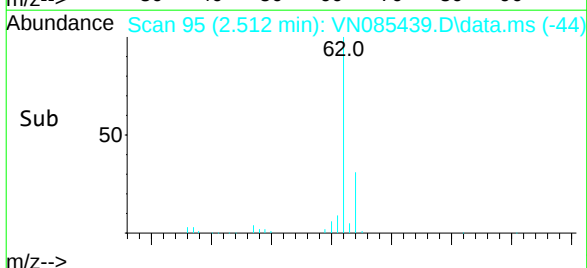
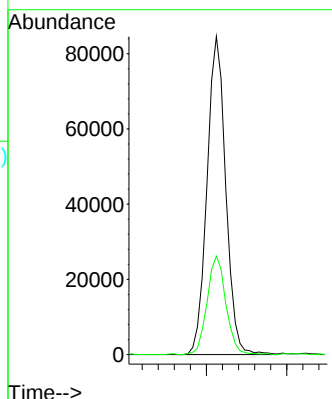
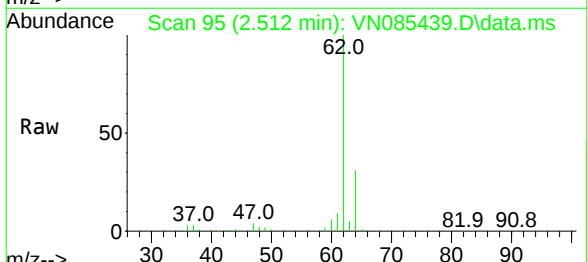
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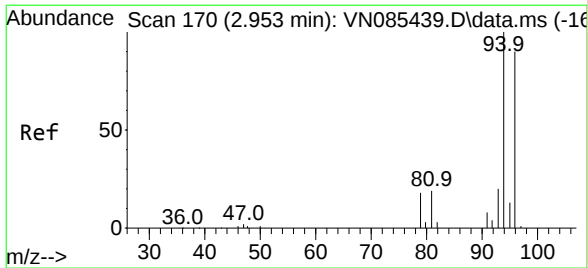
Tgt Ion: 62 Resp: 136831

Ion Ratio Lower Upper

62 100

64 31.0 24.8 37.2





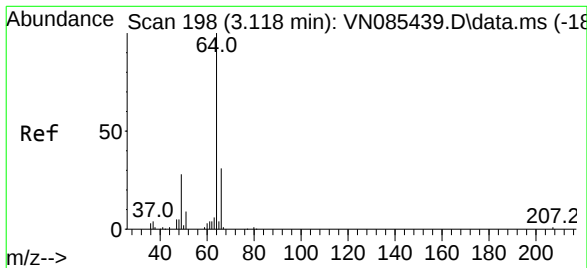
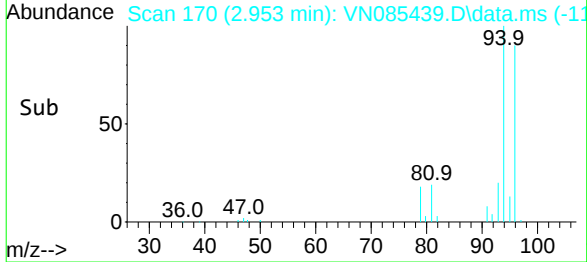
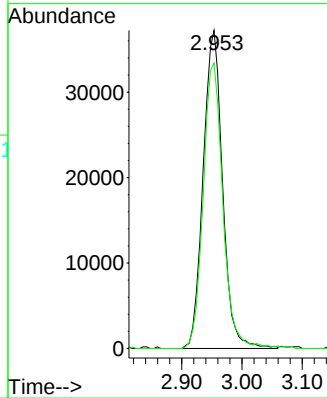
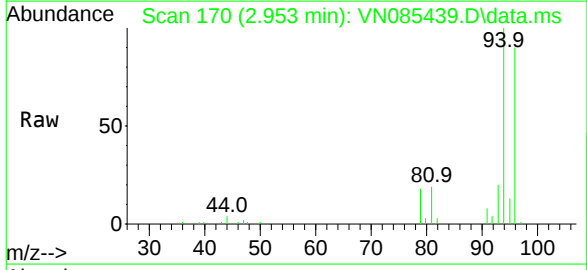
#5
Bromomethane
Concen: 46.877 ug/l
RT: 2.953 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN085439.D
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Instrument :
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Tgt Ion: 94 Resp: 83199
Ion Ratio Lower Upper
94 100
96 89.7 71.8 107.6

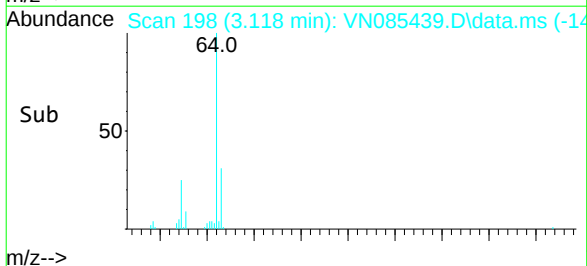
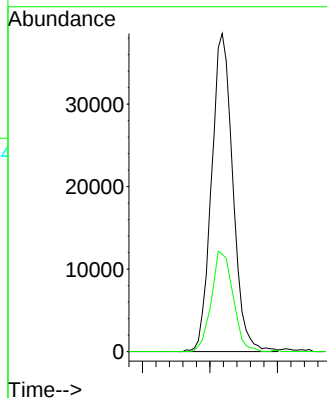
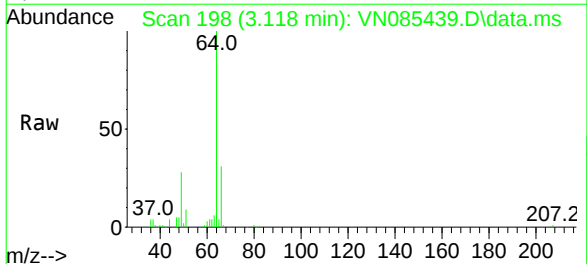
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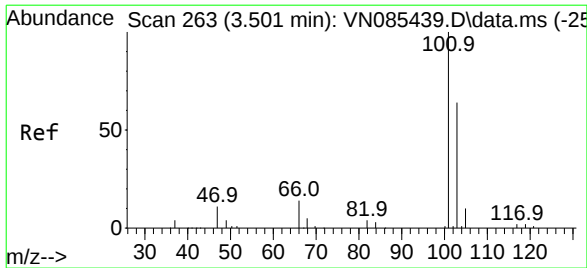
Reviewed By :John Carlone 01/15/2025
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#6
Chloroethane
Concen: 45.371 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

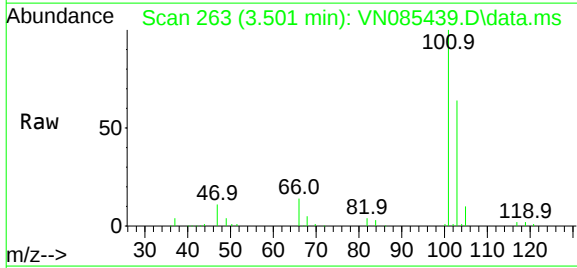
Tgt Ion: 64 Resp: 84517
Ion Ratio Lower Upper
64 100
66 30.7 24.6 36.8





#7
Trichlorofluoromethane
Concen: 46.613 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

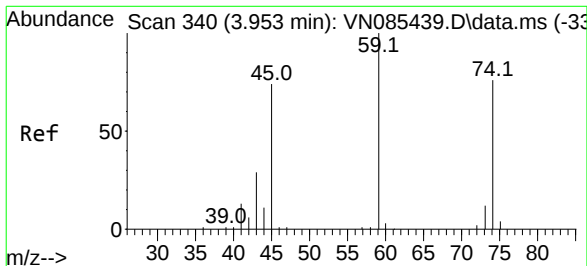
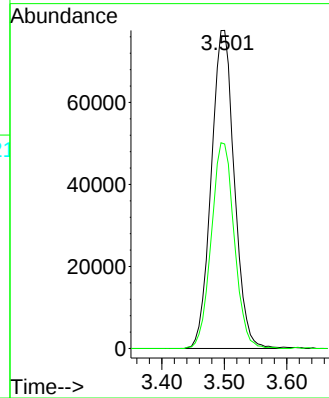
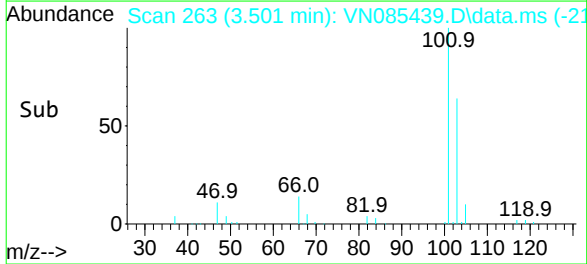
Instrument :
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Tgt Ion: 101 Resp: 198726
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

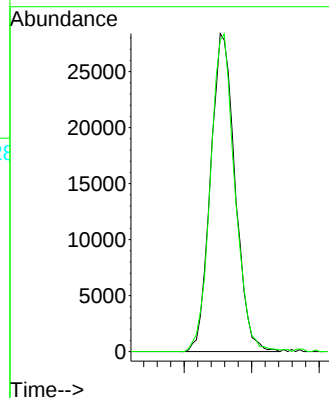
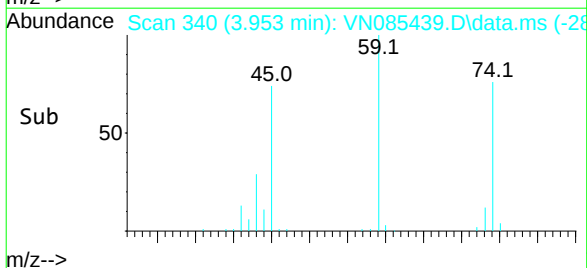
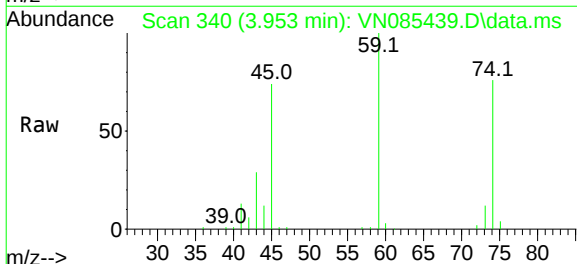
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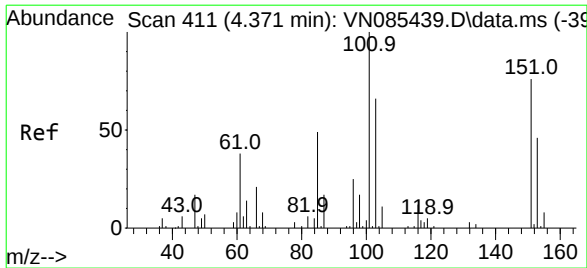
Reviewed By : John Carlone 01/15/2025
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#8
Diethyl Ether
Concen: 48.726 ug/l
RT: 3.953 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

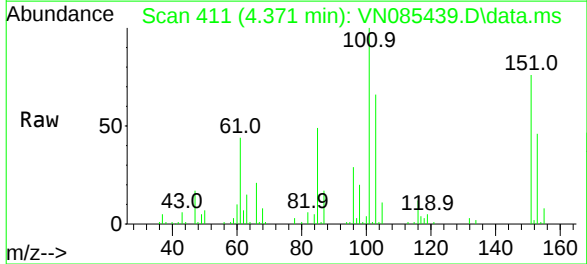
Tgt Ion: 74 Resp: 71764
Ion Ratio Lower Upper
74 100
45 99.4 49.7 149.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.010 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

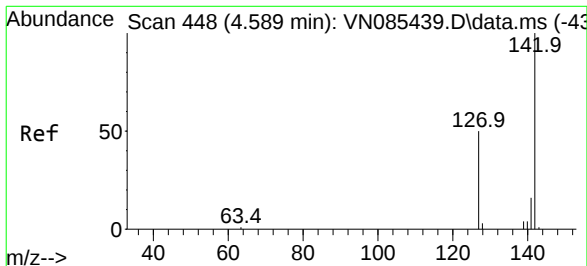
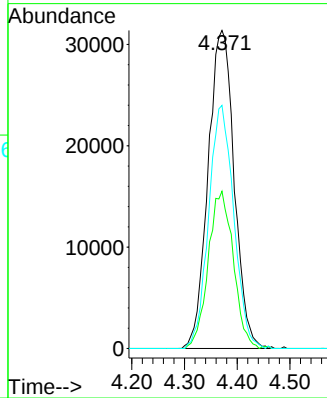
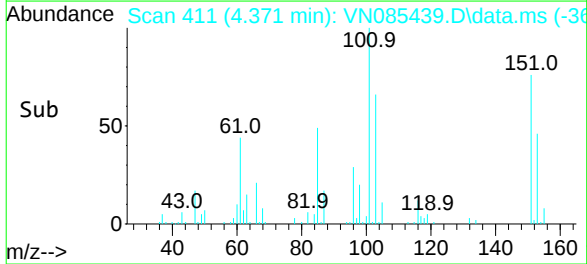
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



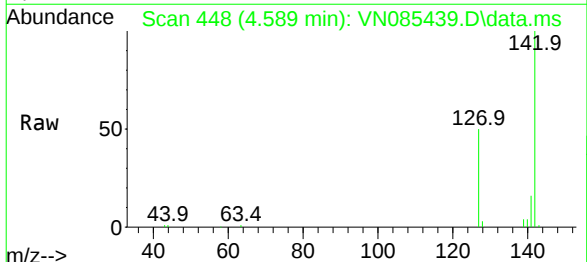
Tgt Ion:101 Resp: 108081
Ion Ratio Lower Upper
101 100
85 47.3 37.8 56.8
151 73.5 58.8 88.2

Manual Integrations
APPROVED

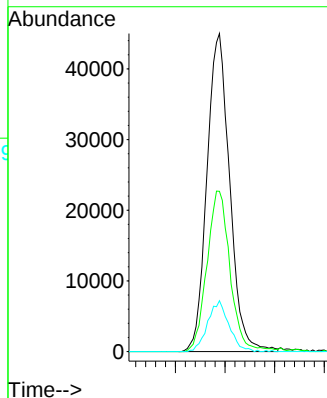
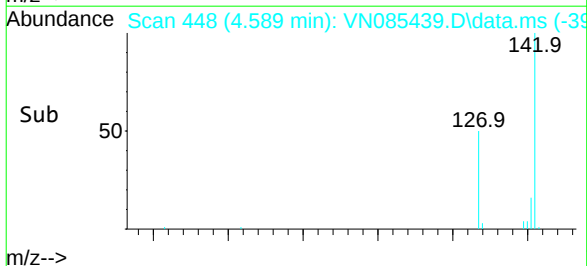
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#10
Methyl Iodide
Concen: 52.142 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19



Tgt Ion:142 Resp: 143383
Ion Ratio Lower Upper
142 100
127 50.4 40.3 60.5
141 16.0 12.8 19.2





#11

Tert butyl alcohol

Concen: 251.894 ug/l

RT: 5.512 min Scan# 605

Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 92841

Ion Ratio Lower Upper

59 100

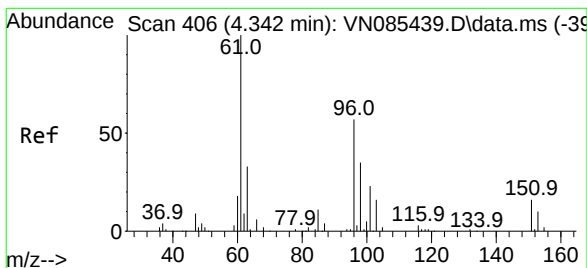
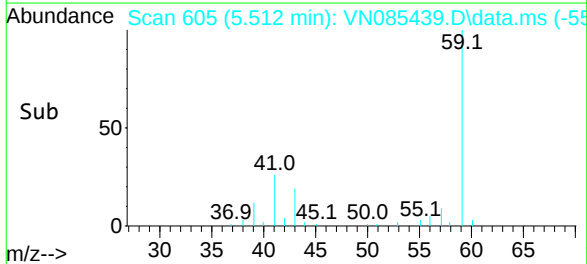
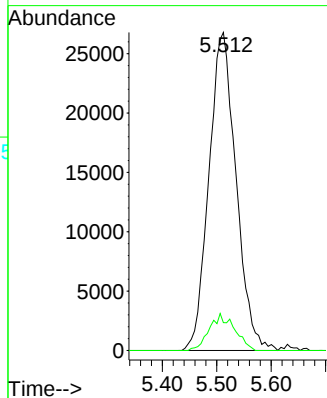
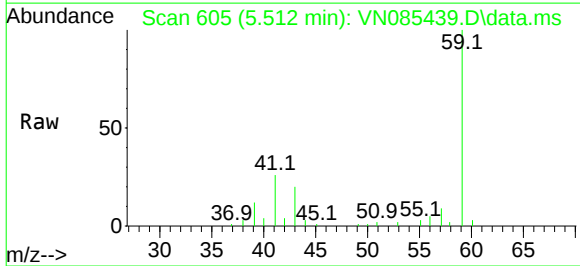
57 10.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#12

1,1-Dichloroethene

Concen: 49.647 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

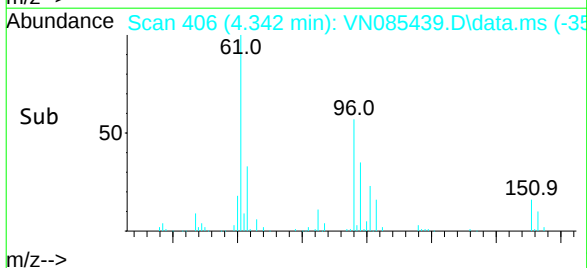
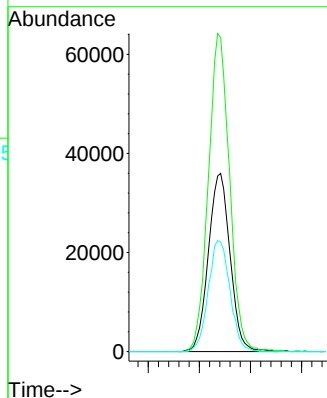
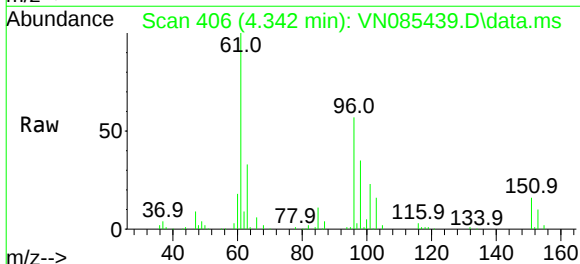
Tgt Ion: 96 Resp: 106247

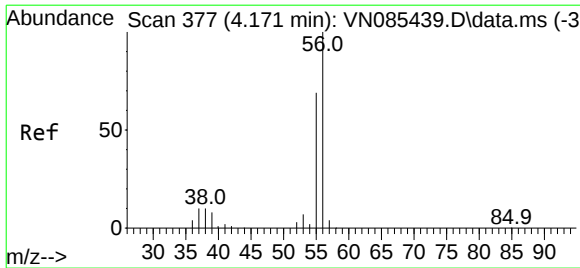
Ion Ratio Lower Upper

96 100

61 176.2 141.0 211.4

98 61.3 49.0 73.6





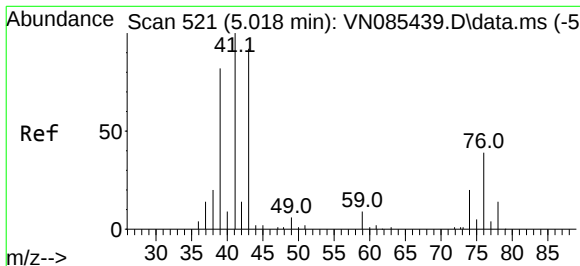
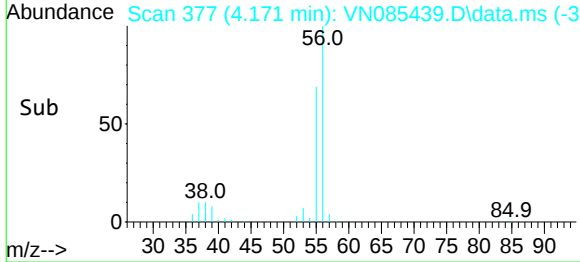
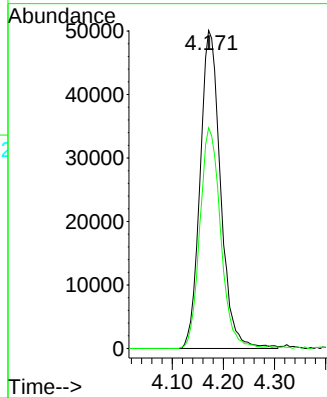
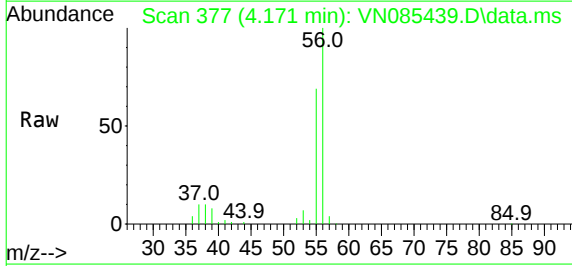
#13
Acrolein
Concen: 276.734 ug/l
RT: 4.171 min Scan# 37
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 139234
Ion Ratio Lower Upper
56 100
55 70.4 56.3 84.5

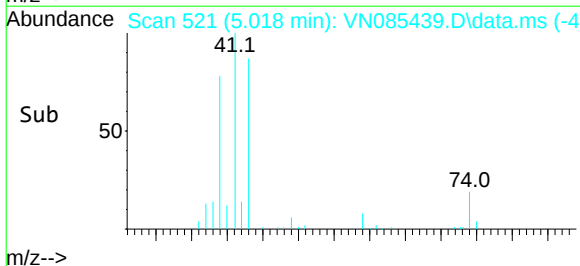
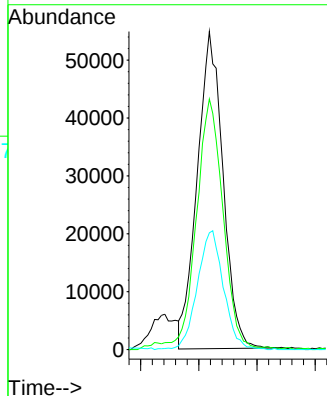
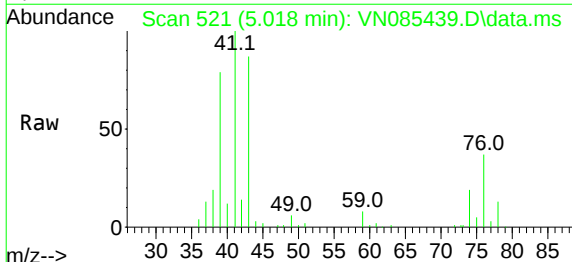
Manual Integrations
APPROVED

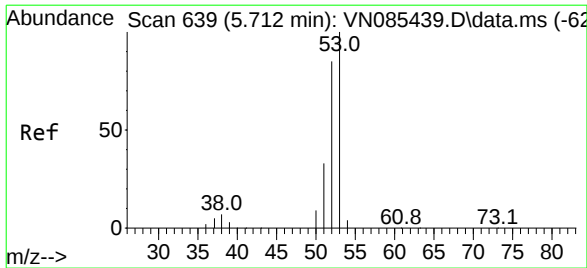
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#14
Allyl chloride
Concen: 48.567 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

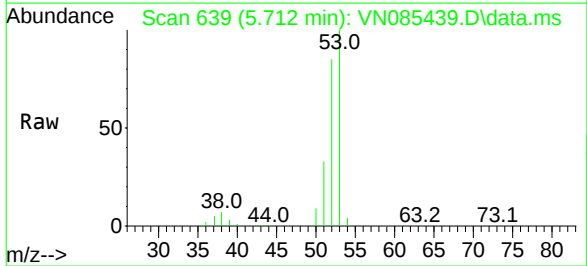
Tgt Ion: 41 Resp: 168654
Ion Ratio Lower Upper
41 100
39 80.5 64.4 96.6
76 38.1 30.5 45.7





#15
Acrylonitrile
Concen: 253.507 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

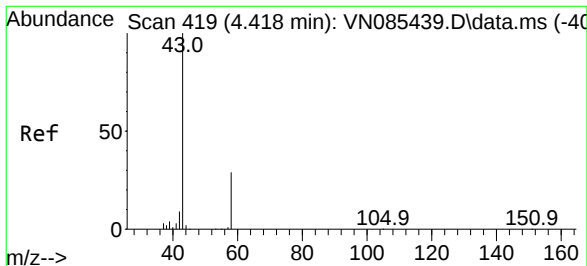
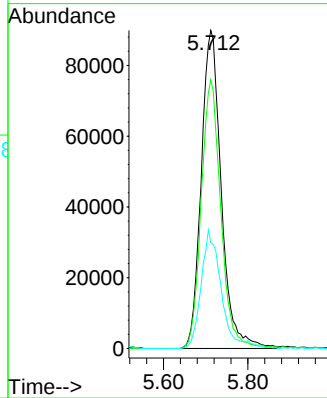
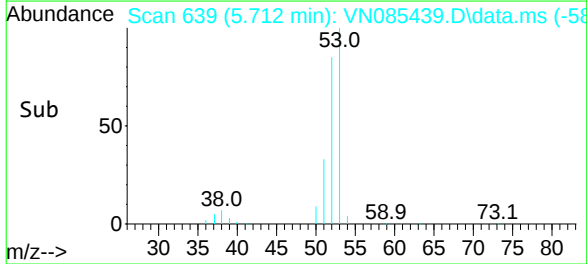
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



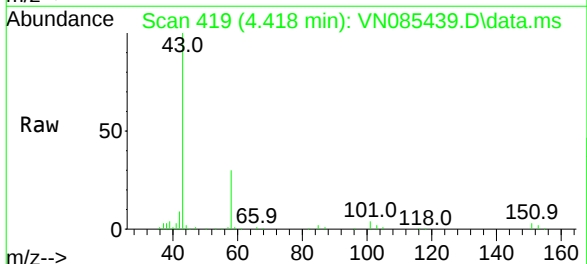
Tgt Ion: 53 Resp: 296781
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 37.3 29.8 44.8

Manual Integrations
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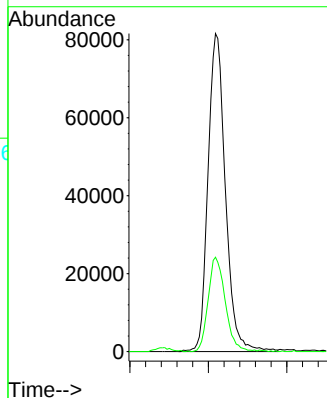
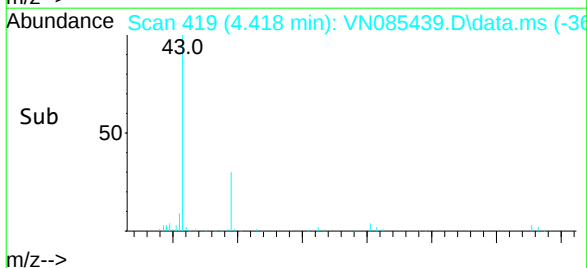
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

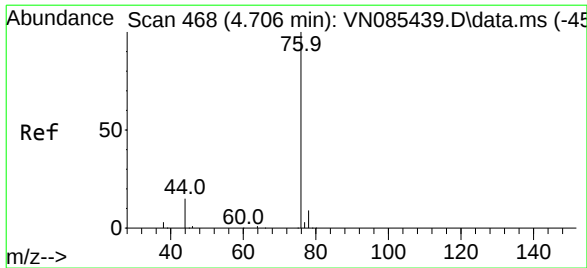


#16
Acetone
Concen: 241.603 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19



Tgt Ion: 43 Resp: 251271
Ion Ratio Lower Upper
43 100
58 29.7 23.8 35.6





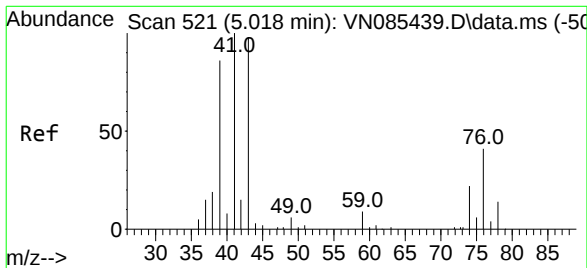
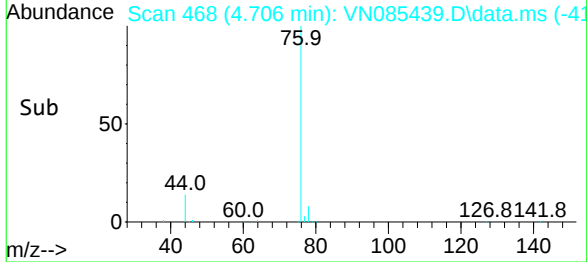
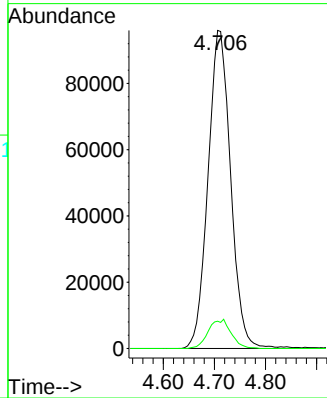
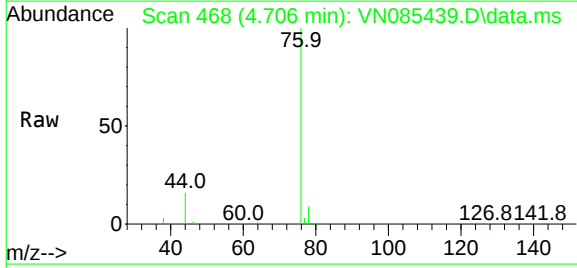
#17
Carbon Disulfide
Concen: 44.710 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 294604
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3

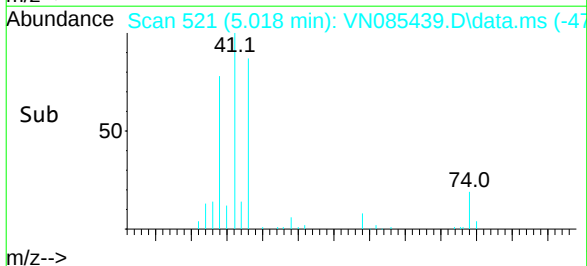
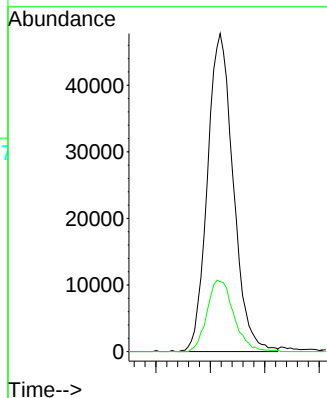
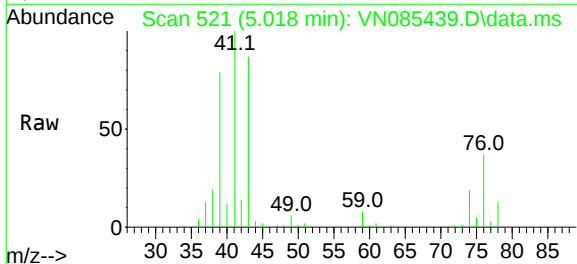
Manual Integrations
APPROVED

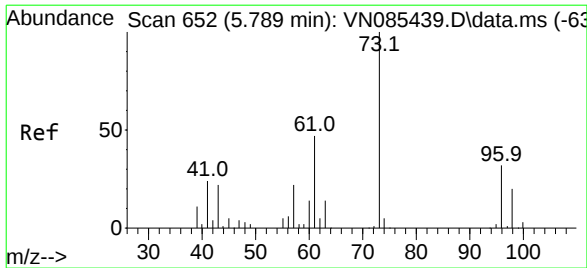
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#18
Methyl Acetate
Concen: 49.798 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion: 43 Resp: 157485
Ion Ratio Lower Upper
43 100
74 23.3 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 53.758 ug/l

RT: 5.789 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 73 Resp: 373561

Ion Ratio Lower Upper

73 100

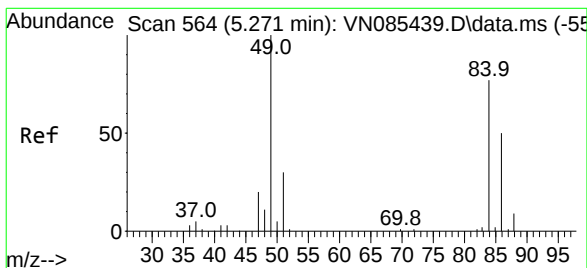
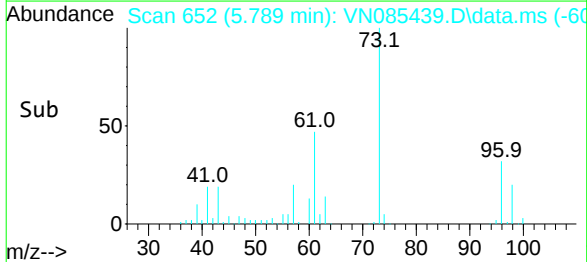
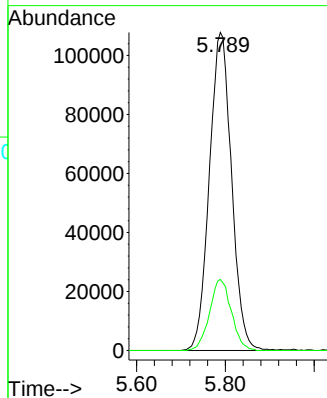
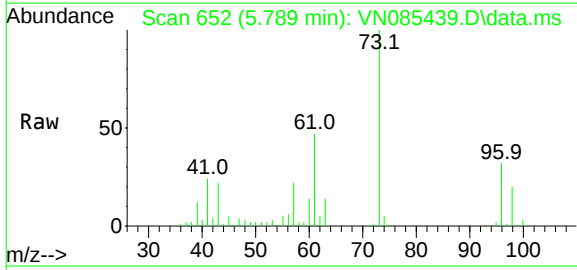
57 22.3 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#20

Methylene Chloride

Concen: 48.748 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

Tgt Ion: 84 Resp: 125508

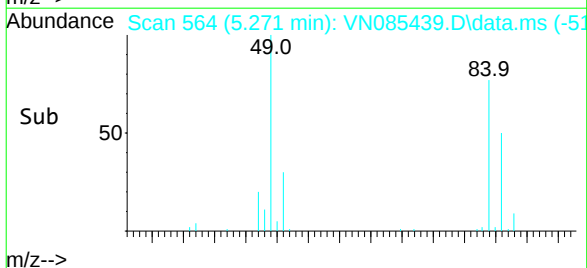
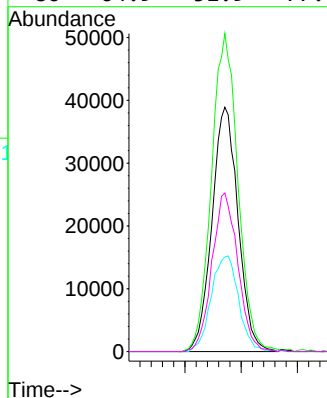
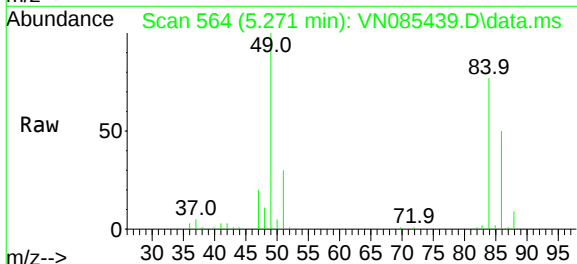
Ion Ratio Lower Upper

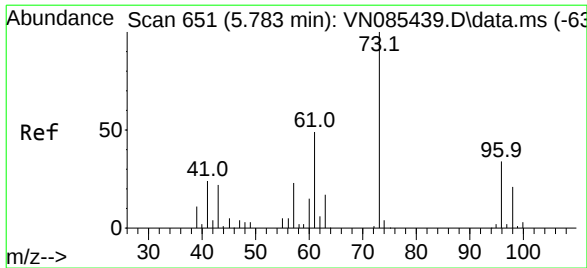
84 100

49 130.1 104.1 156.1

51 38.7 31.0 46.4

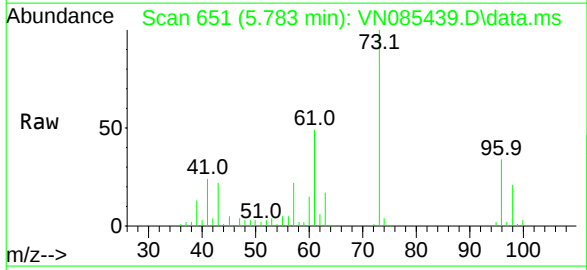
86 64.9 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 48.395 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

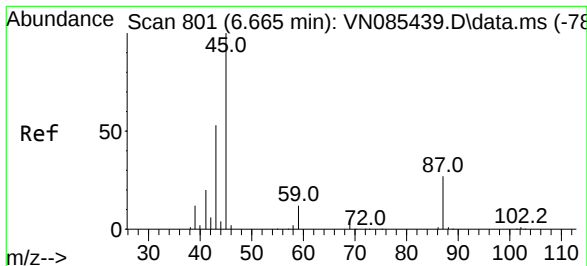
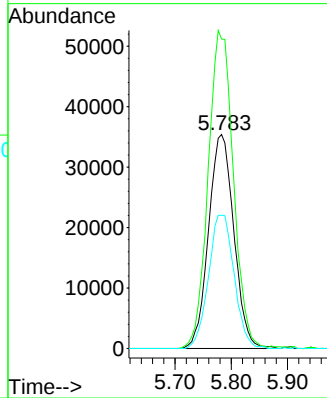
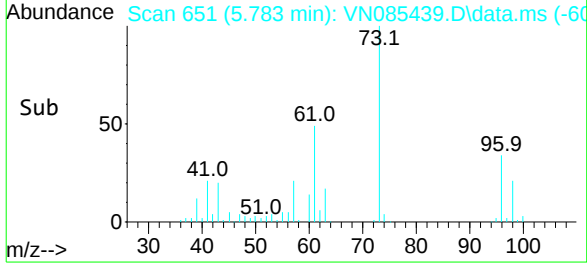
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 110684
Ion Ratio Lower Upper
96 100
61 144.6 115.7 173.5
98 62.3 49.8 74.8

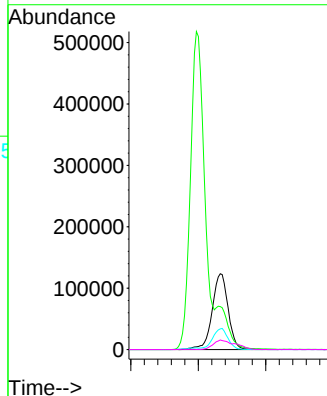
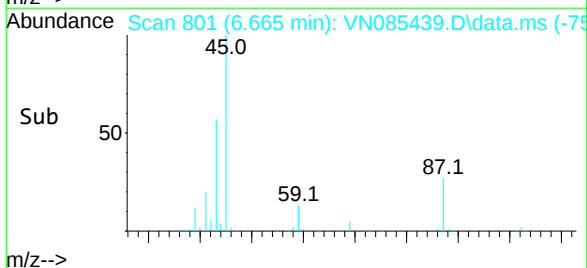
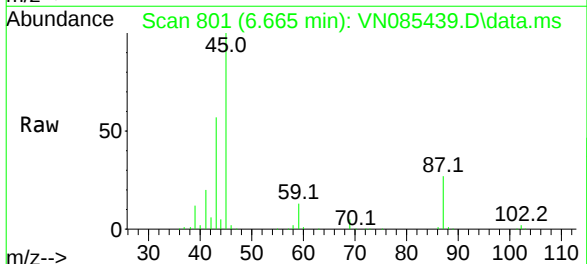
Manual Integrations
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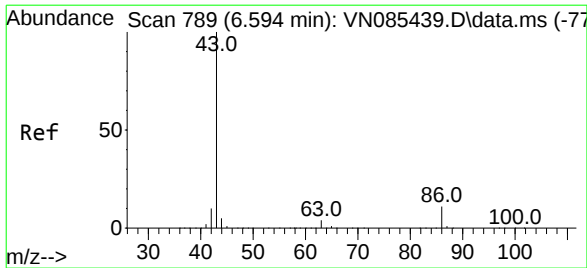
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#22
Diisopropyl ether
Concen: 52.707 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion: 45 Resp: 406253
Ion Ratio Lower Upper
45 100
43 56.3 45.0 67.6
87 27.3 21.8 32.8
59 12.7 10.2 15.2





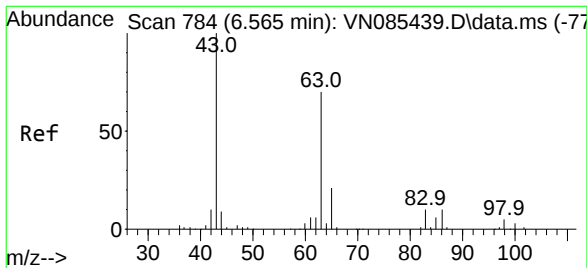
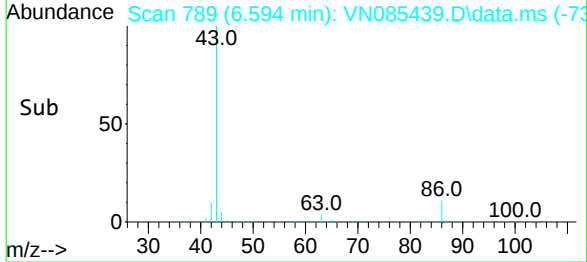
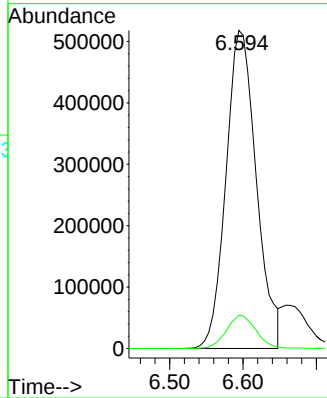
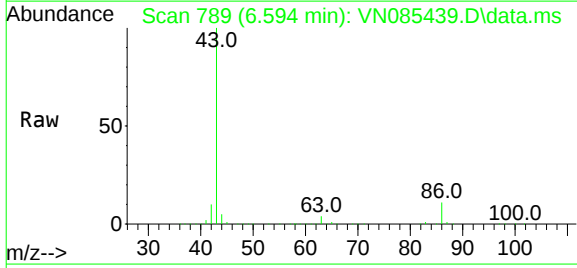
#23
 Vinyl Acetate
 Concen: 275.471 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN085439.D
 Acq: 14 Jan 2025 15:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1491031
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6

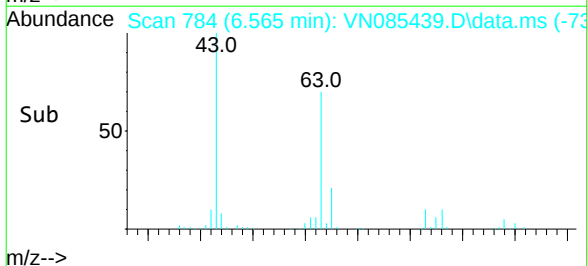
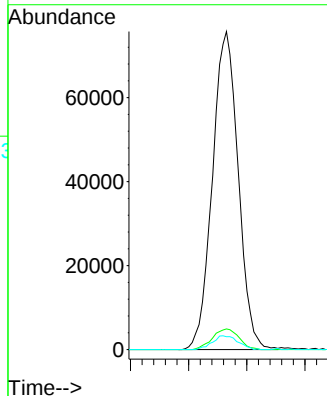
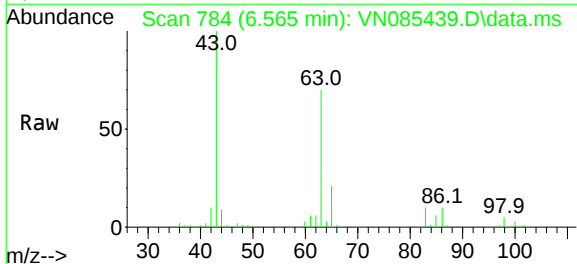
Manual Integrations
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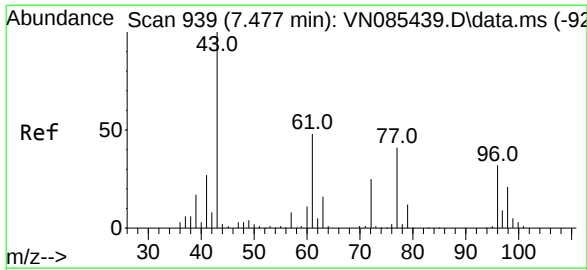
Reviewed By :John Carlone 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025



#24
 1,1-Dichloroethane
 Concen: 49.648 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085439.D
 Acq: 14 Jan 2025 15:19

Tgt Ion: 63 Resp: 233336
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.0 2.0 6.0





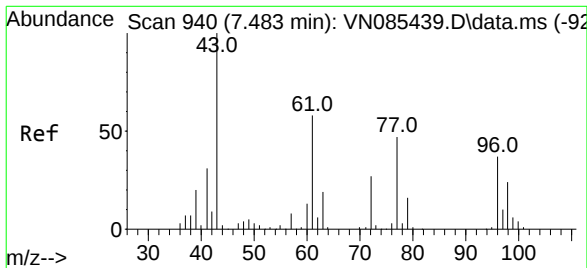
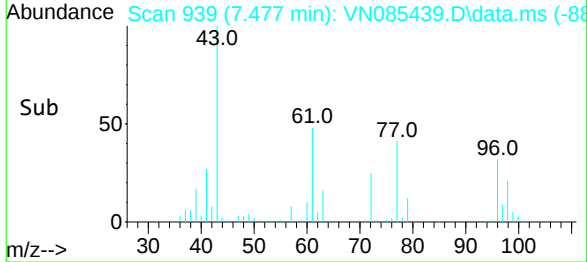
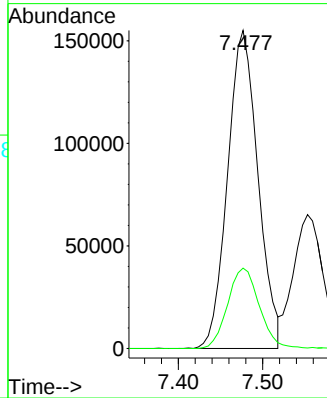
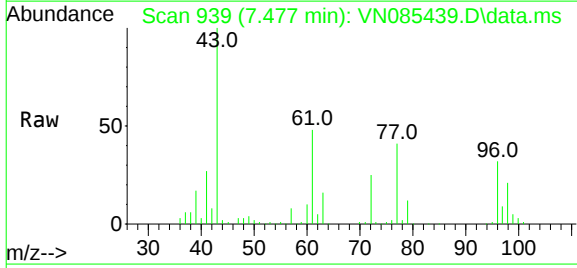
#25
2-Butanone
Concen: 253.815 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 388457
Ion Ratio Lower Upper
43 100
72 25.3 20.2 30.4

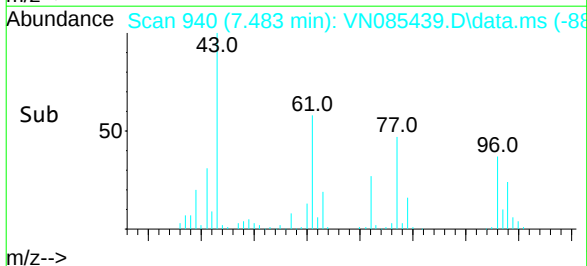
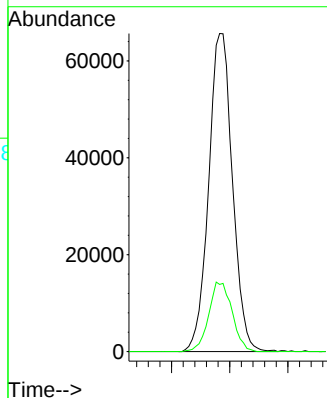
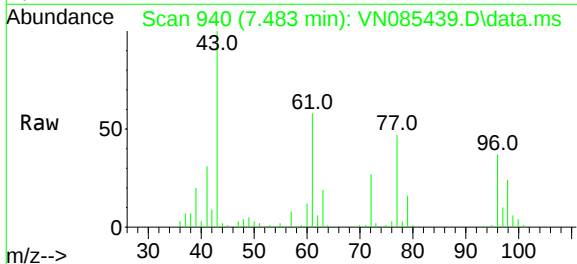
Manual Integrations
APPROVED

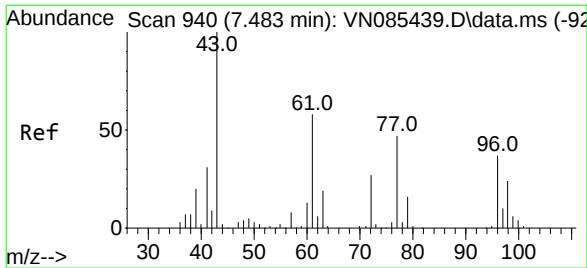
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#26
2,2-Dichloropropane
Concen: 49.106 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

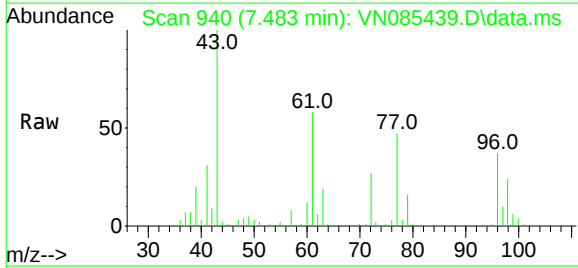
Tgt Ion: 77 Resp: 186591
Ion Ratio Lower Upper
77 100
97 21.4 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 50.571 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085439.D
 Acq: 14 Jan 2025 15:19

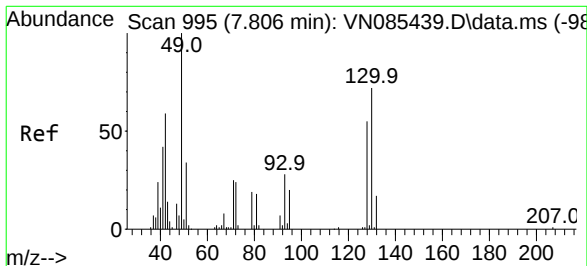
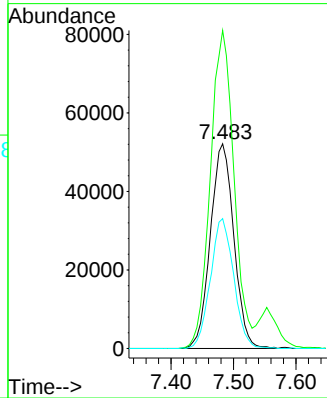
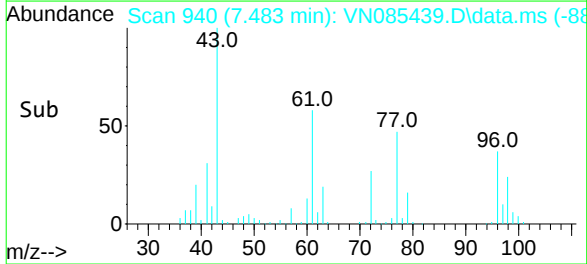
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 136229
 Ion Ratio Lower Upper
 96 100
 61 155.9 0.0 311.8
 98 63.0 0.0 126.0

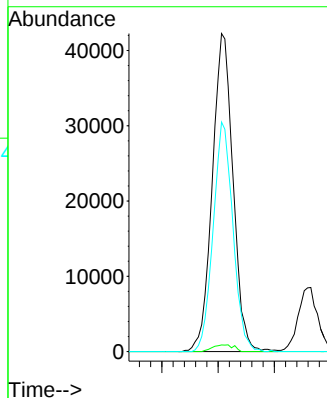
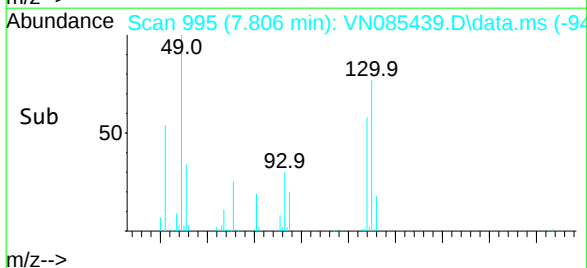
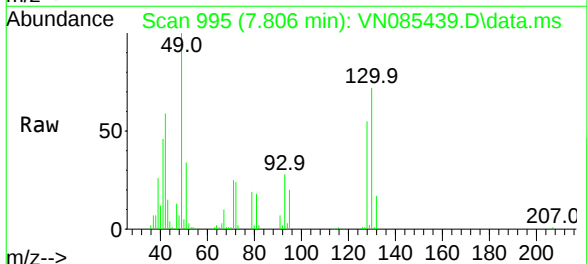
Manual Integrations
 APPROVED

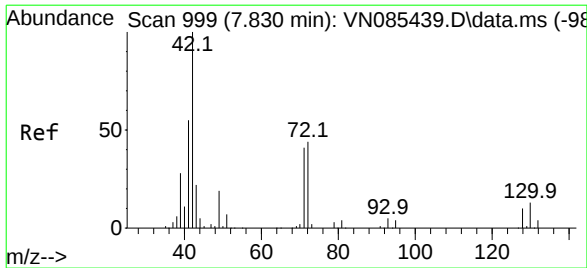
Reviewed By :John Carlone 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025



#28
 Bromochloromethane
 Concen: 49.461 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085439.D
 Acq: 14 Jan 2025 15:19

Tgt Ion: 49 Resp: 108148
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 68.7 55.0 82.4





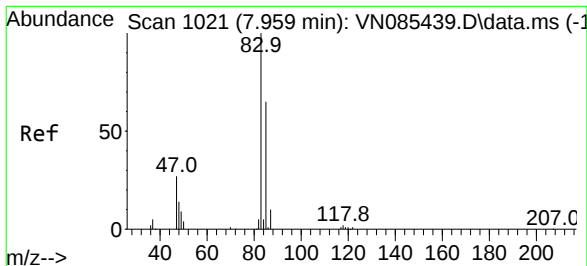
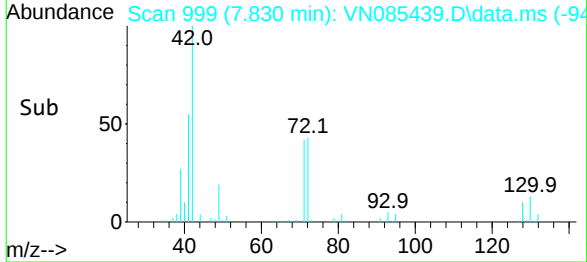
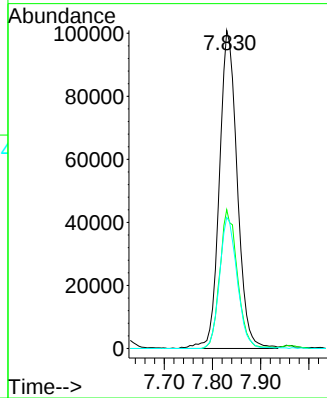
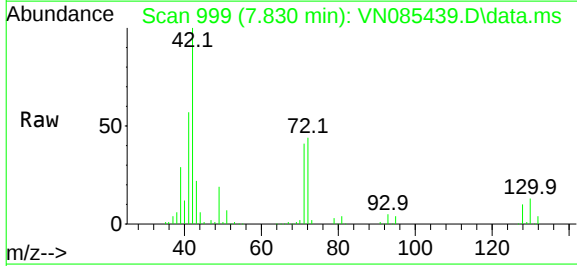
#29
Tetrahydrofuran
Concen: 267.624 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 259683
Ion Ratio Lower Upper
42 100
72 42.7 34.2 51.2
71 40.6 32.5 48.7

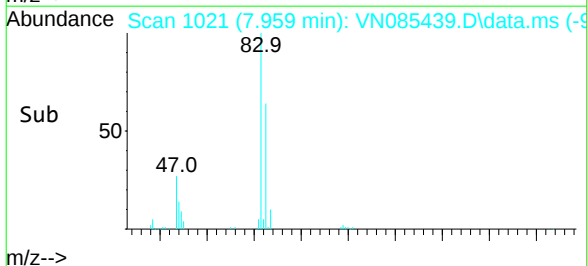
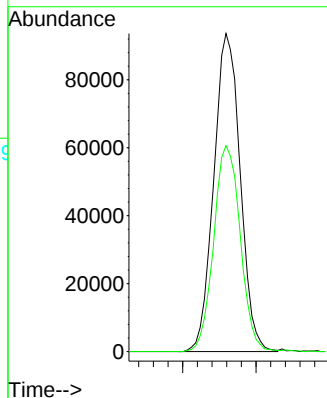
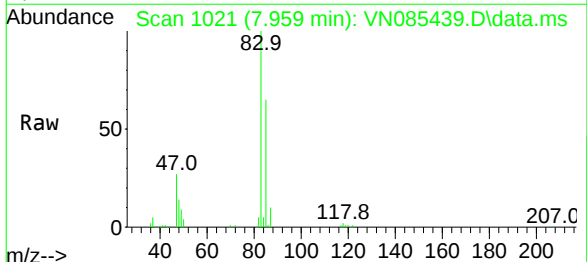
Manual Integrations
APPROVED

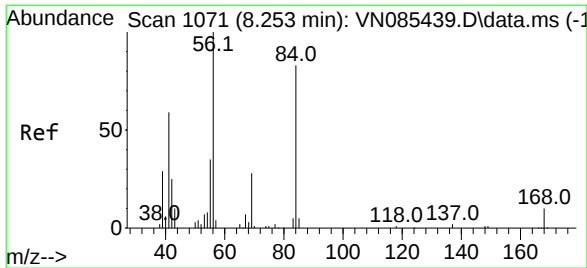
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#30
Chloroform
Concen: 48.229 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion: 83 Resp: 234271
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6





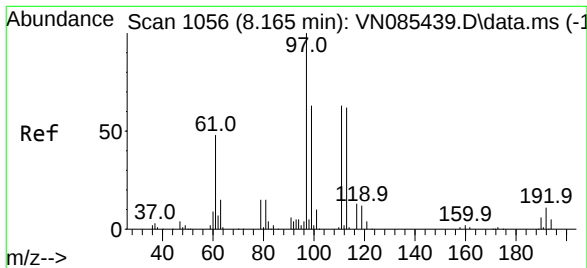
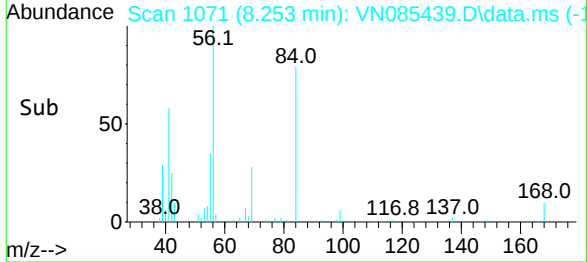
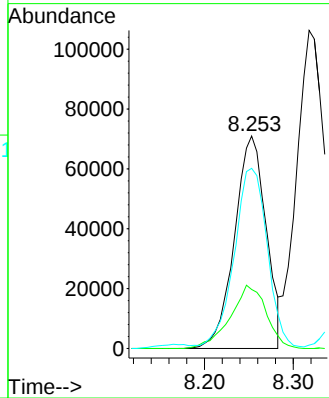
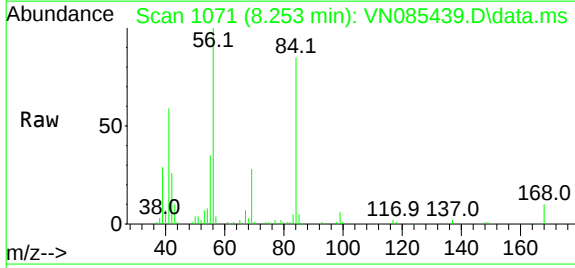
#31
Cyclohexane
Concen: 42.984 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 175588
Ion Ratio Lower Upper
56 100
69 27.8 22.2 33.4
84 83.0 66.4 99.6

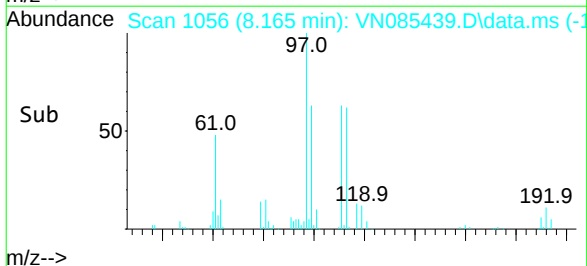
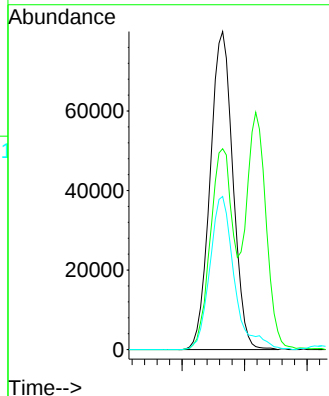
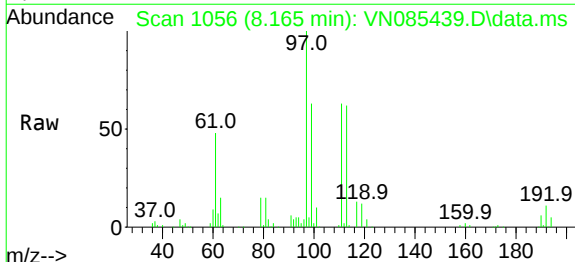
Manual Integrations
APPROVED

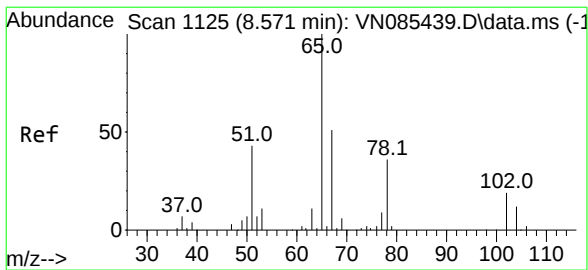
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#32
1,1,1-Trichloroethane
Concen: 47.547 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

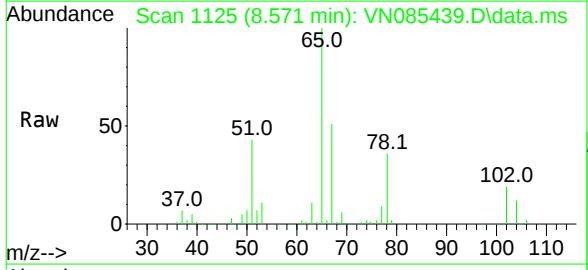
Tgt Ion: 97 Resp: 202590
Ion Ratio Lower Upper
97 100
99 62.2 49.8 74.6
61 51.8 41.4 62.2





#33
 1,2-Dichloroethane-d4
 Concen: 51.500 ug/l
 RT: 8.571 min Scan# 1115
 Delta R.T. 0.000 min
 Lab File: VN085439.D
 Acq: 14 Jan 2025 15:19

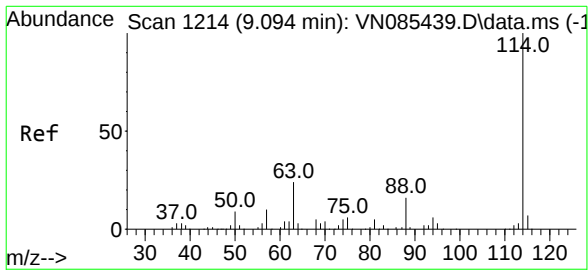
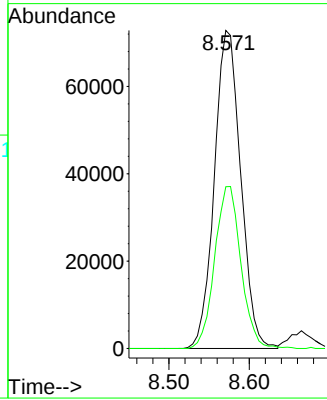
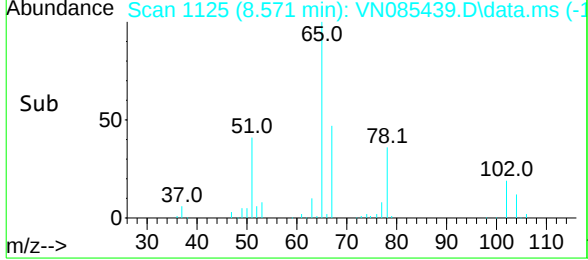
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



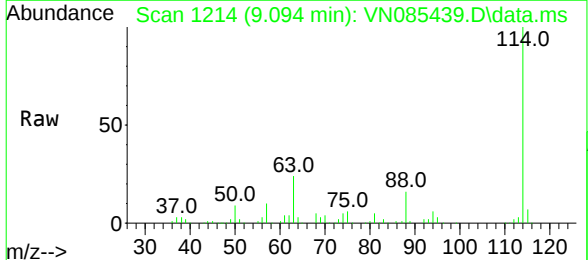
Tgt Ion: 65 Resp: 165768
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.6

Manual Integrations
APPROVED

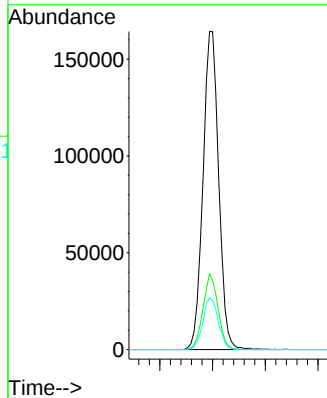
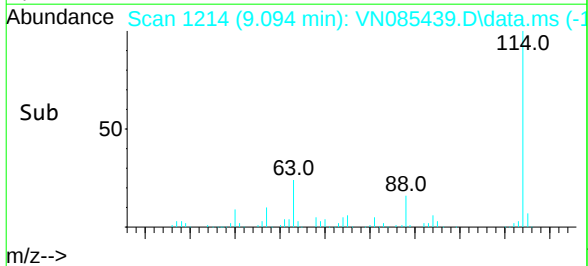
Reviewed By :John Carlone 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

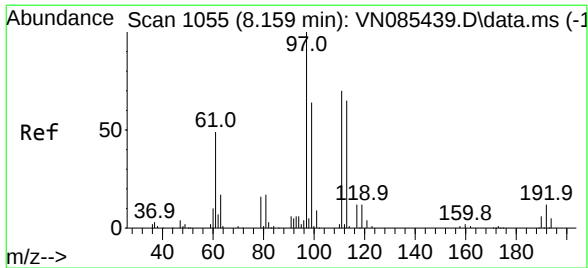


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN085439.D
 Acq: 14 Jan 2025 15:19



Tgt Ion:114 Resp: 339872
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 47.6
 88 16.3 0.0 32.6





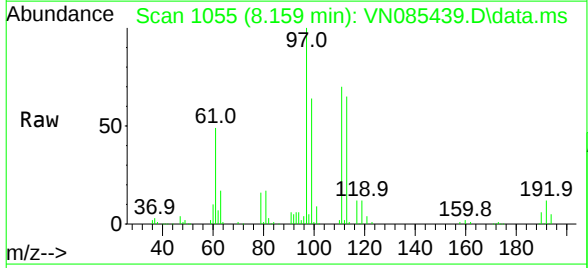
#35
 Dibromofluoromethane
 Concen: 51.552 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VN085439.D
 Acq: 14 Jan 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

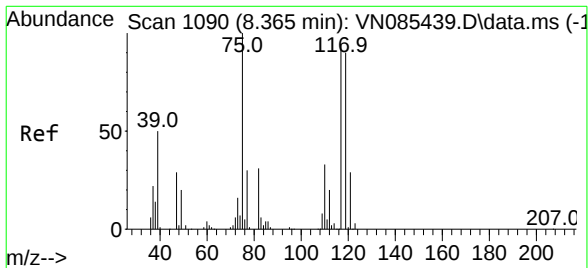
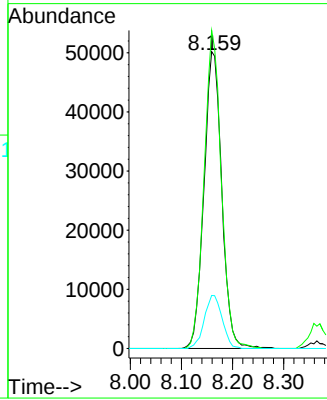
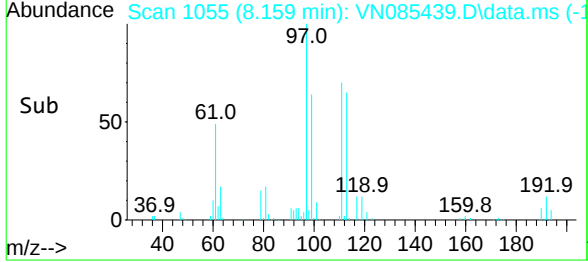
VSTDICCC050



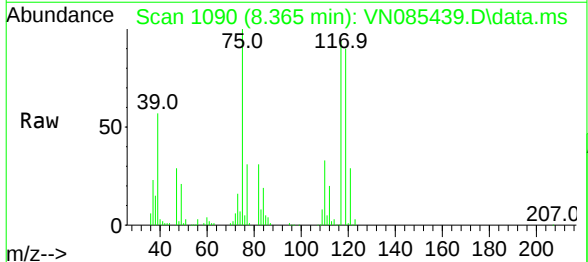
Tgt Ion:	113	Resp:	121554
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	17.9	14.3	21.5

Manual Integrations
 APPROVED

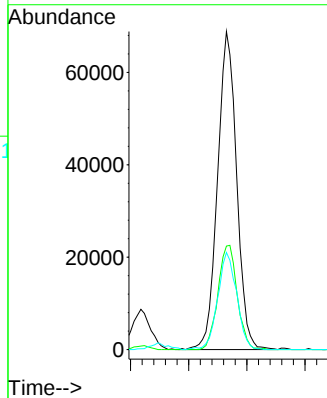
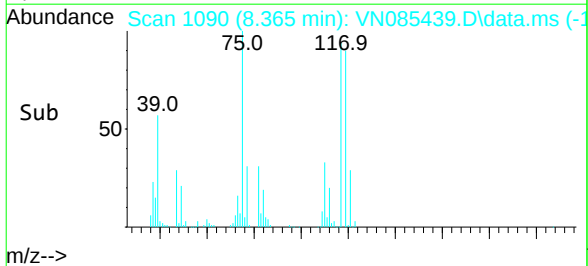
Reviewed By :John Carlone 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025



#36
 1,1-Dichloropropene
 Concen: 47.453 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VN085439.D
 Acq: 14 Jan 2025 15:19



Tgt Ion:	75	Resp:	157031
Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.5	49.5
77	30.5	24.4	36.6





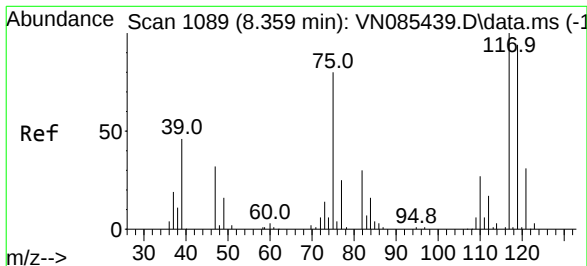
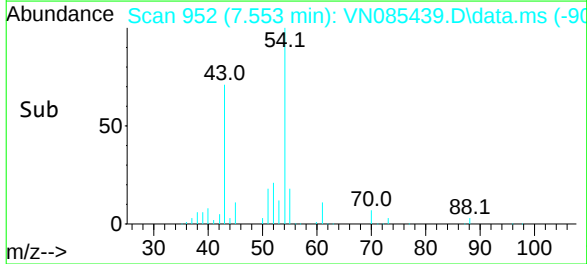
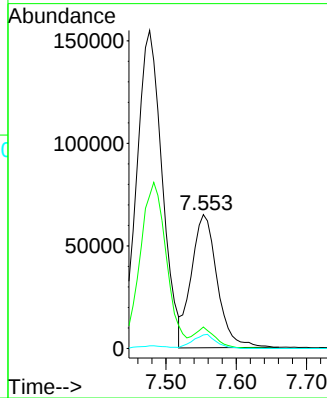
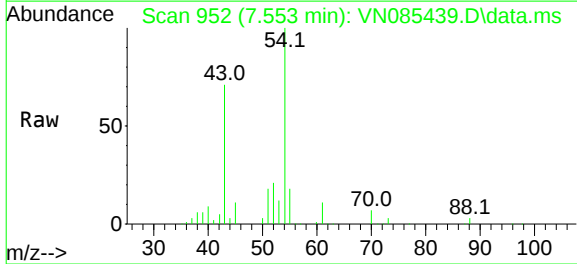
#37
Ethyl Acetate
Concen: 49.658 ug/l
RT: 7.553 min Scan# 952
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 165866
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 9.4 7.5 11.3

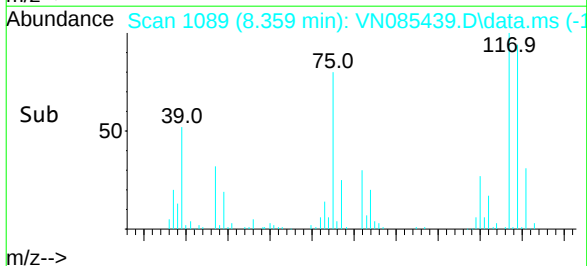
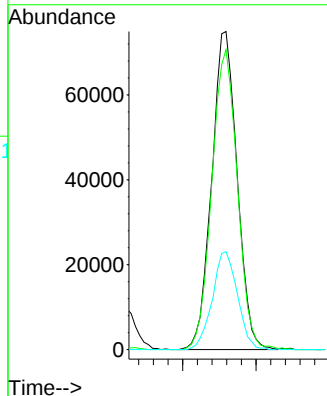
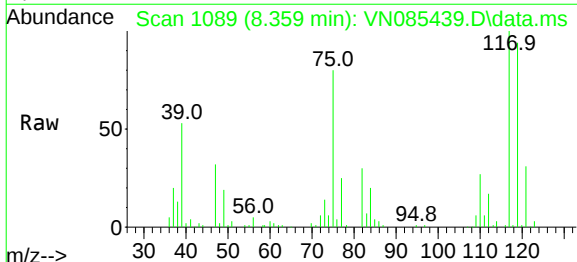
Manual Integrations
APPROVED

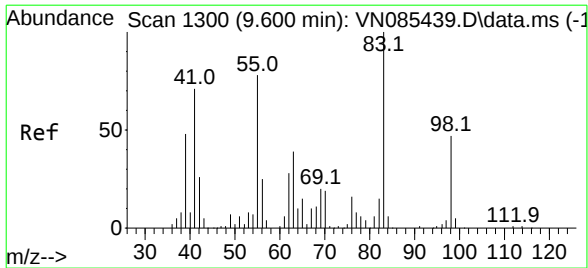
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#38
Carbon Tetrachloride
Concen: 47.564 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion:117 Resp: 180199
Ion Ratio Lower Upper
117 100
119 94.3 75.4 113.2
121 30.8 24.6 37.0





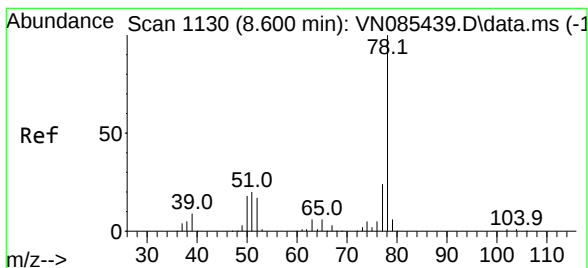
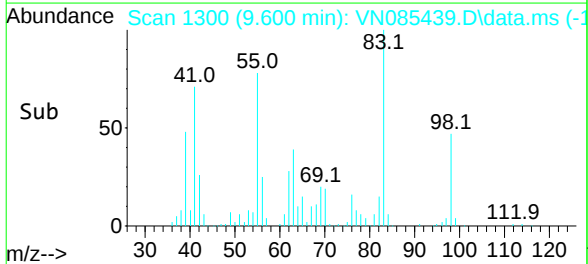
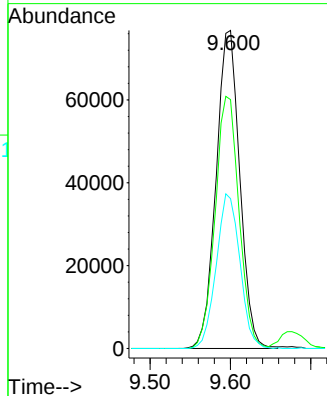
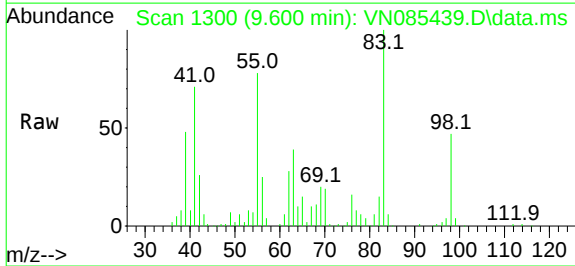
#39
Methylcyclohexane
Concen: 50.562 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 157234
Ion Ratio Lower Upper
83 100
55 78.3 62.6 94.0
98 47.1 37.7 56.5

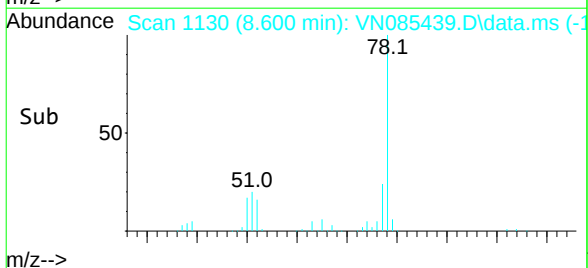
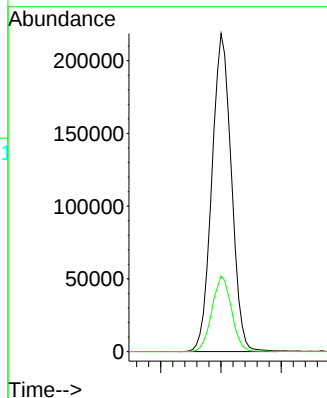
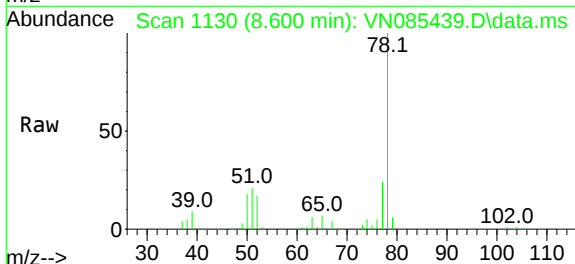
Manual Integrations
APPROVED

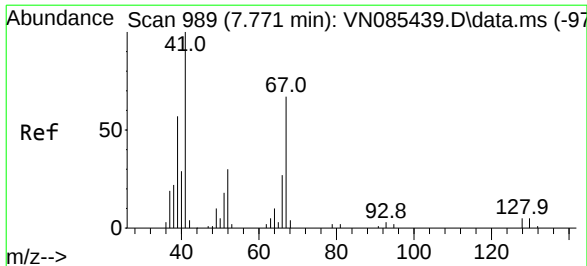
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#40
Benzene
Concen: 49.542 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion: 78 Resp: 492606
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





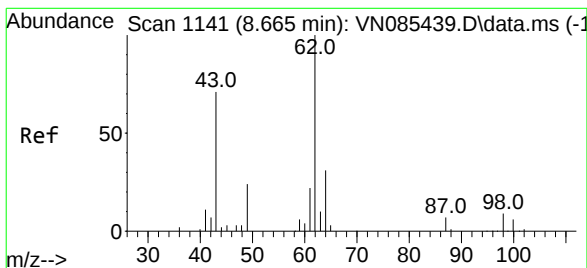
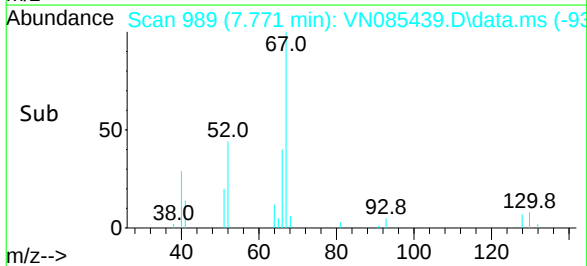
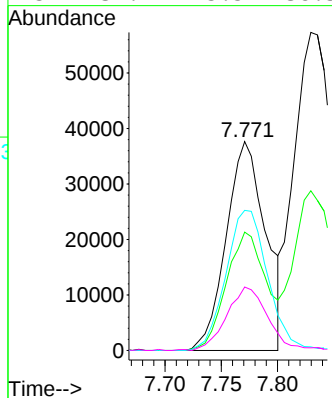
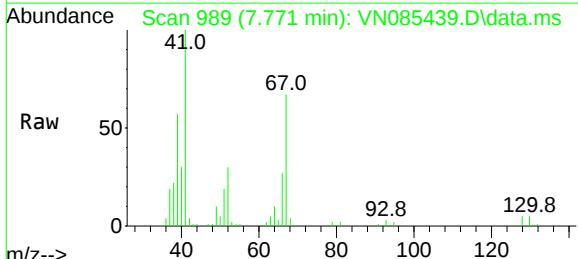
#41
Methacrylonitrile
Concen: 52.775 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	91711
Ion	Ratio	Lower	Upper
41	100		
39	57.5	46.0	69.0
67	71.8	57.4	86.2
52	31.9	25.5	38.3

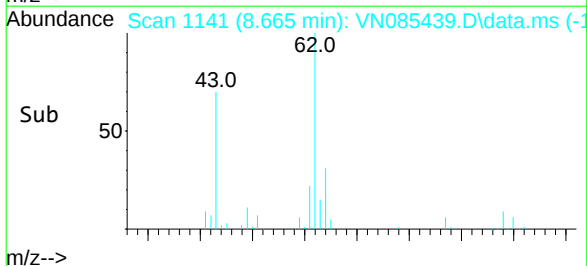
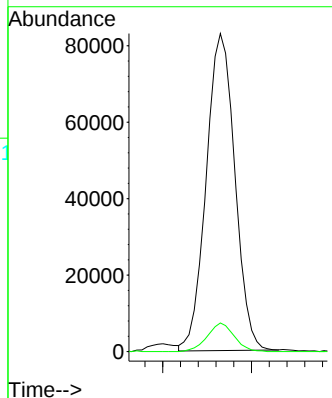
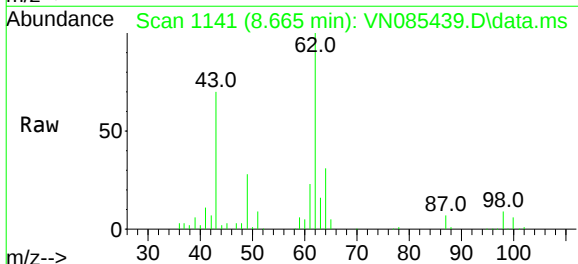
Manual Integrations
APPROVED

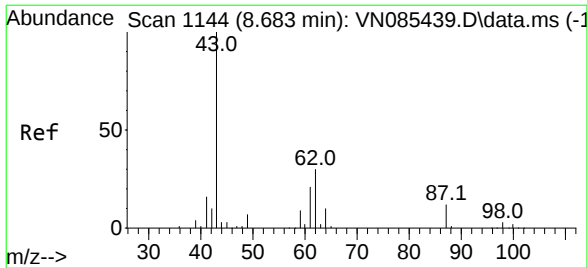
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#42
1,2-Dichloroethane
Concen: 49.685 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion:	62	Resp:	186065
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0





#43

Isopropyl Acetate

Concen: 51.611 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

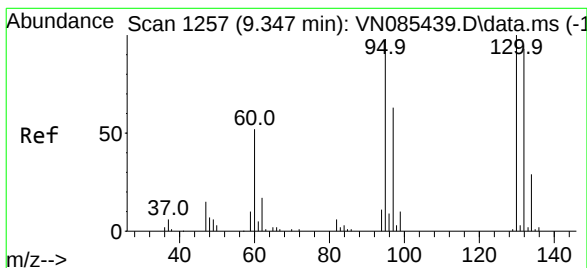
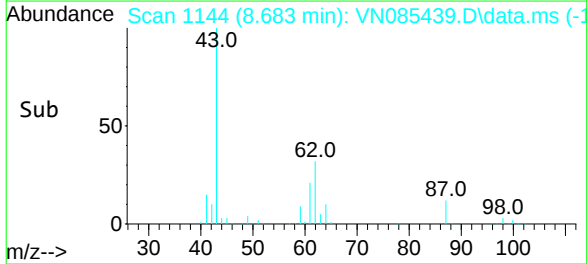
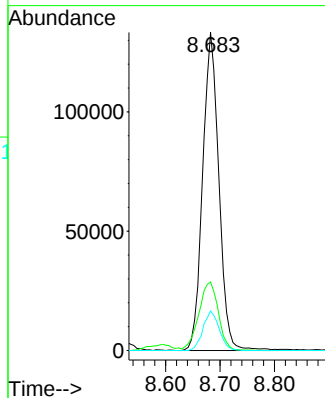
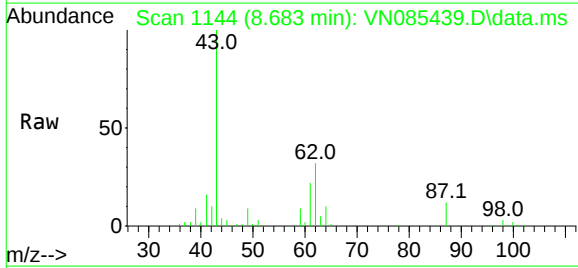
Tgt Ion:	43	Resp:	276228
Ion	Ratio	Lower	Upper
43	100		
61	25.9	20.7	31.1
87	12.3	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#44

Trichloroethene

Concen: 47.506 ug/l

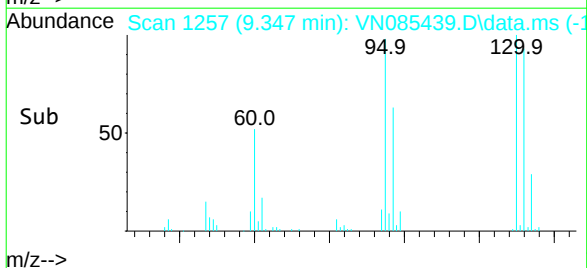
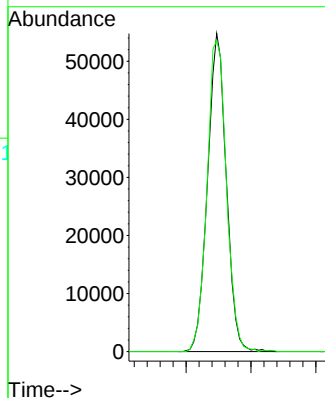
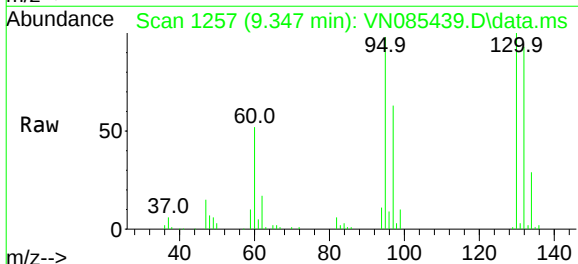
RT: 9.347 min Scan# 1257

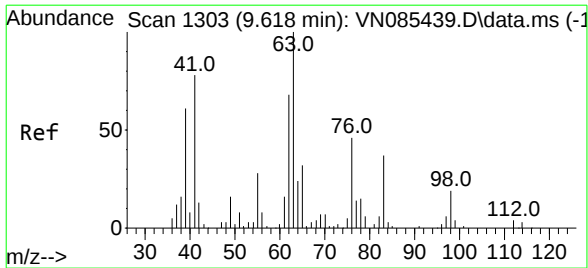
Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

Tgt Ion:	130	Resp:	109953
Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	195.8





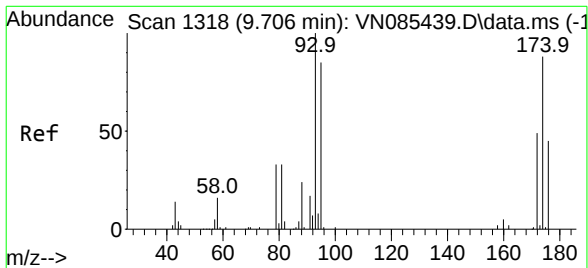
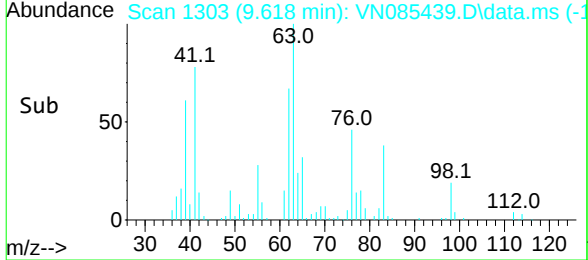
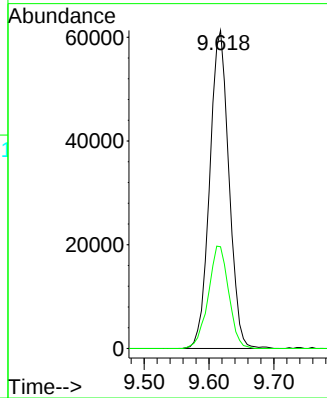
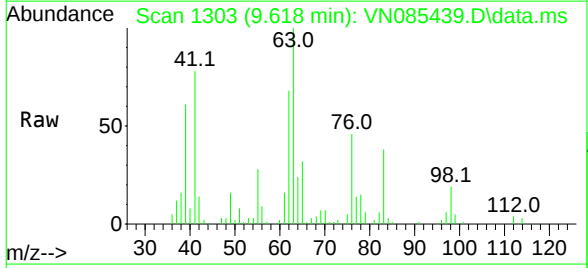
#45
1,2-Dichloropropane
Concen: 49.644 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 126084
Ion Ratio Lower Upper
63 100
65 32.0 25.6 38.4

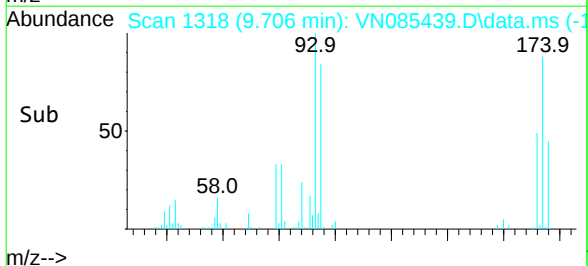
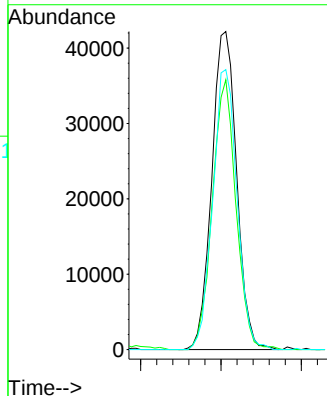
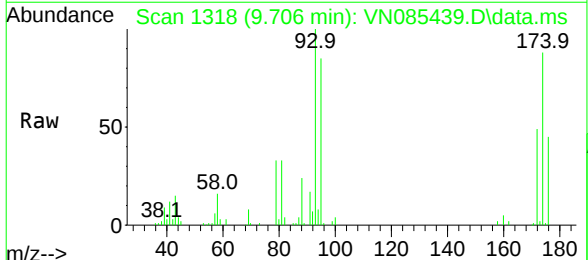
Manual Integrations
APPROVED

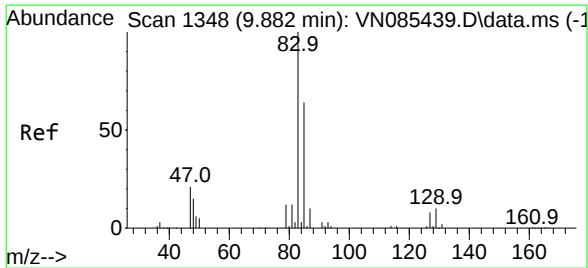
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#46
Dibromomethane
Concen: 49.476 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion: 93 Resp: 90670
Ion Ratio Lower Upper
93 100
95 80.9 64.7 97.1
174 86.2 69.0 103.4





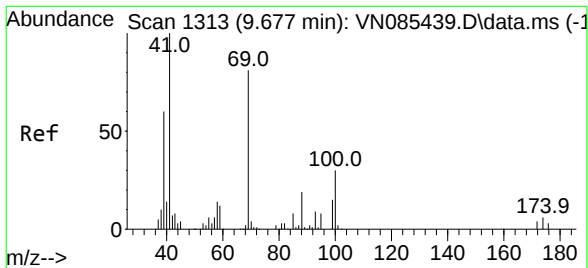
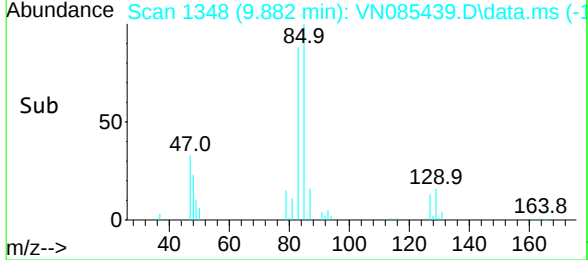
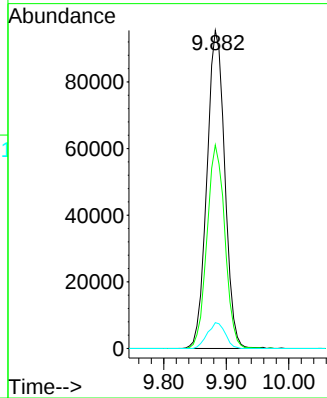
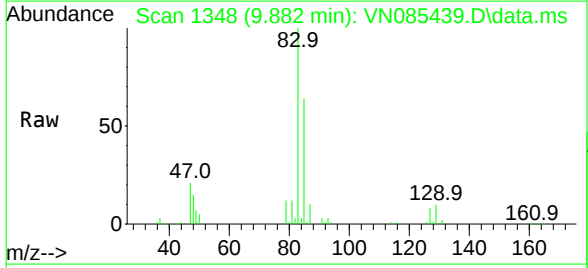
#47
Bromodichloromethane
Concen: 50.867 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 189915
Ion Ratio Lower Upper
83 100
85 64.0 51.2 76.8
127 8.1 6.5 9.7

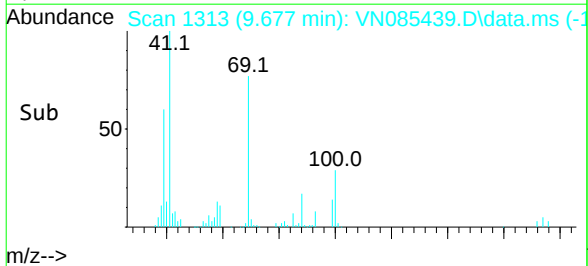
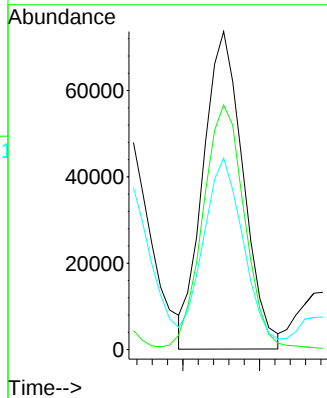
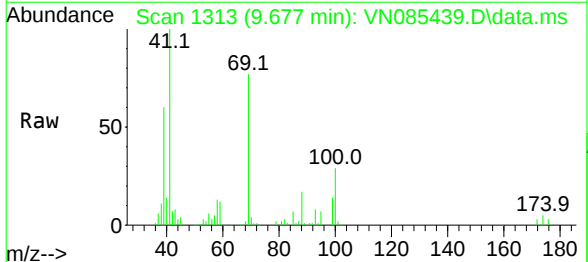
Manual Integrations
APPROVED

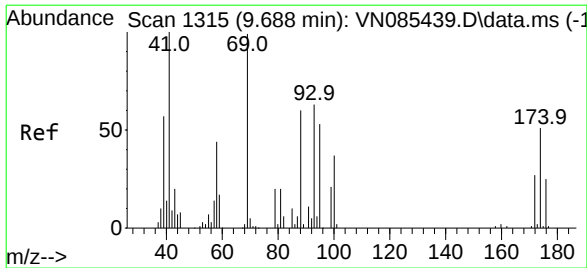
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#48
Methyl methacrylate
Concen: 55.385 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

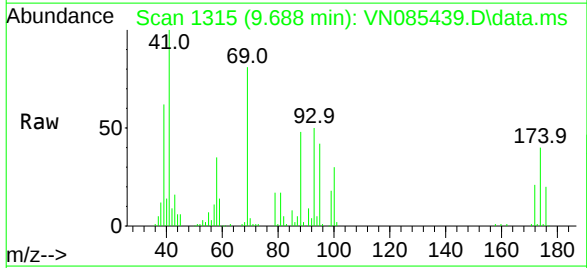
Tgt Ion: 41 Resp: 133399
Ion Ratio Lower Upper
41 100
69 80.9 64.7 97.1
39 61.3 49.0 73.6





#49
1,4-Dioxane
Concen: 1061.334 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

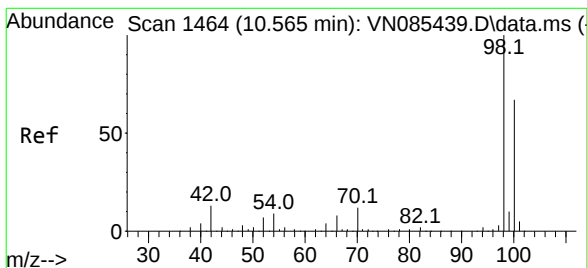
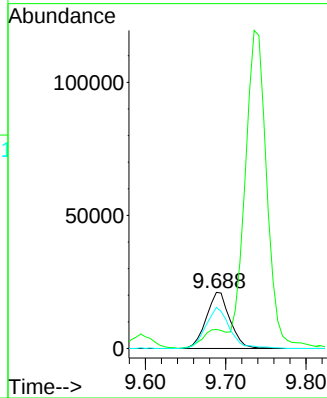
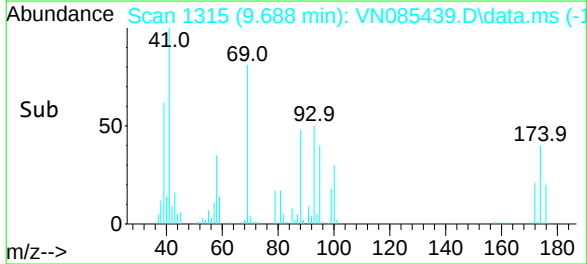
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 43048
Ion Ratio Lower Upper
88 100
43 33.2 26.6 39.8
58 74.4 59.5 89.3

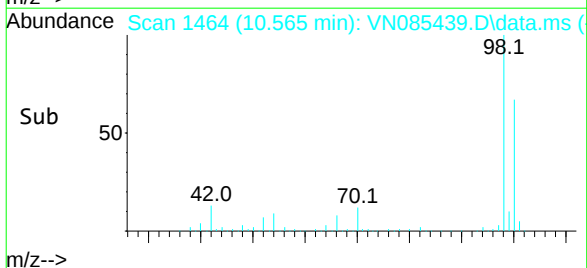
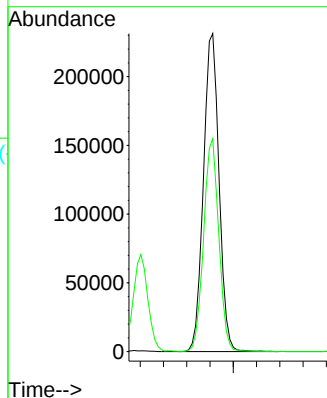
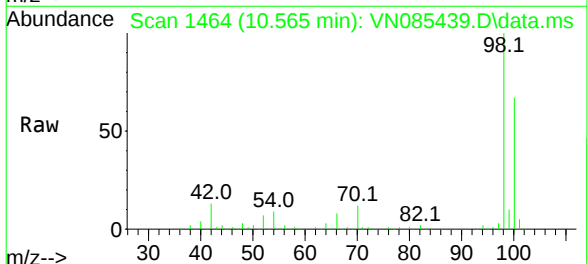
Manual Integrations
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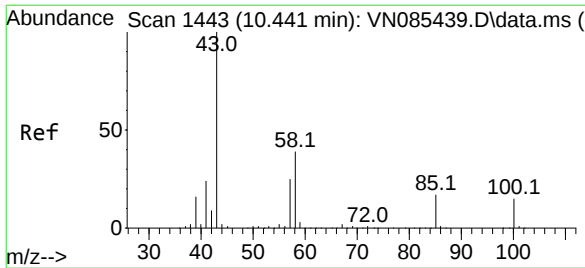
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#50
Toluene-d8
Concen: 51.411 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion: 98 Resp: 430698
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4





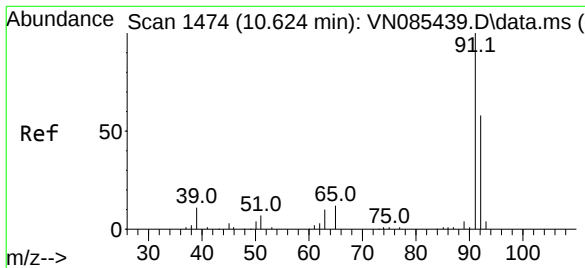
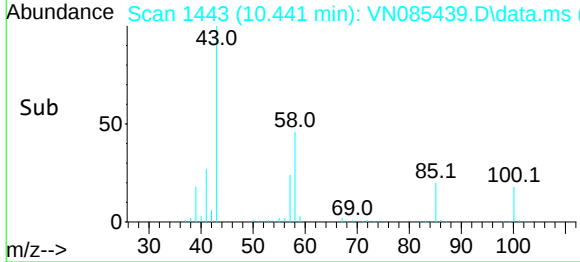
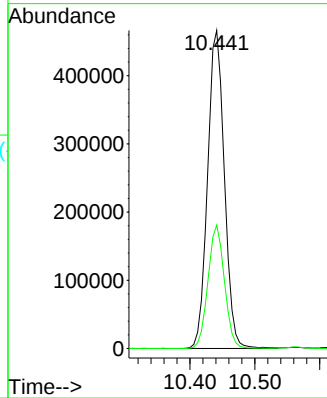
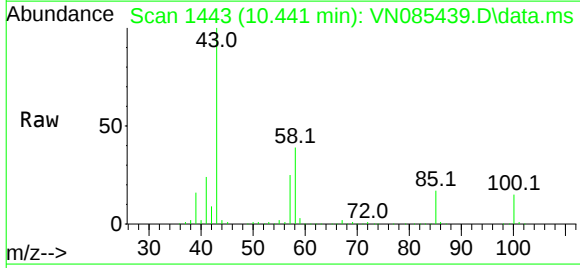
#51
4-Methyl-2-Pentanone
Concen: 269.403 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 836707
Ion Ratio Lower Upper
43 100
58 38.1 30.5 45.7

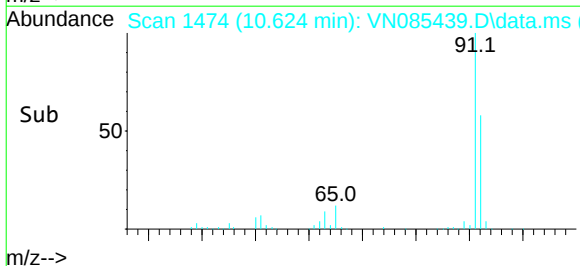
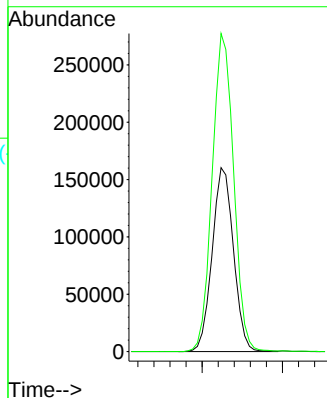
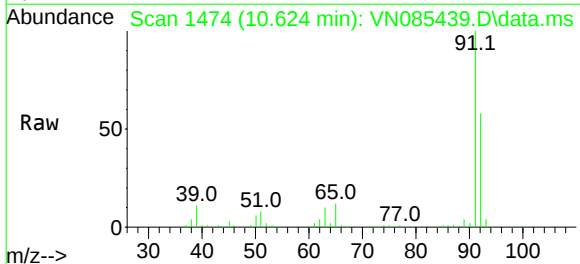
Manual Integrations
APPROVED

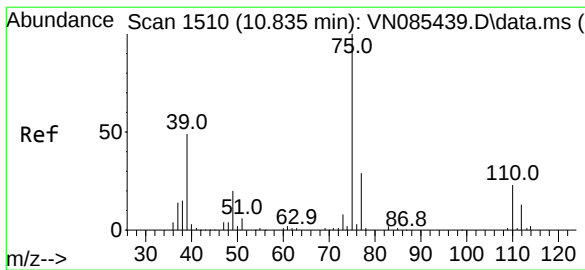
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#52
Toluene
Concen: 51.341 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

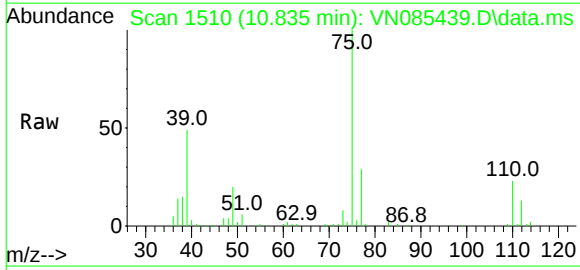
Tgt Ion: 92 Resp: 295792
Ion Ratio Lower Upper
92 100
91 174.0 139.2 208.8





#53
 t-1,3-Dichloropropene
 Concen: 53.125 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN085439.D
 Acq: 14 Jan 2025 15:19

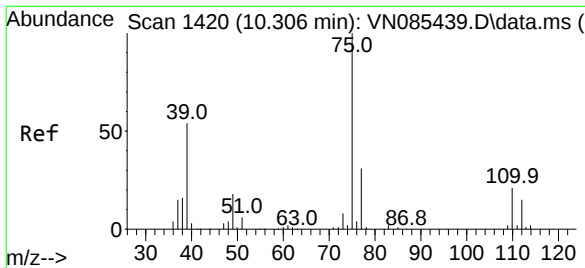
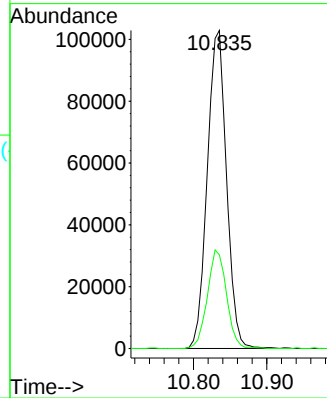
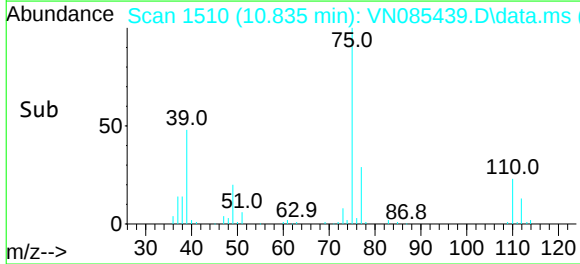
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



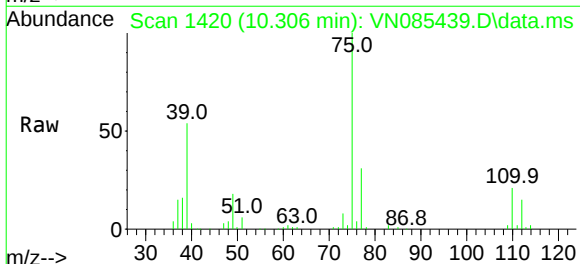
Tgt Ion: 75 Resp: 187439
 Ion Ratio Lower Upper
 75 100
 77 29.4 23.5 35.3

Manual Integrations
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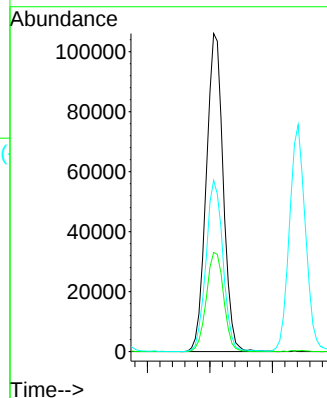
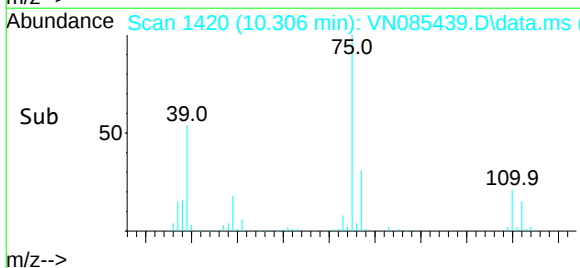
Reviewed By :John Carlone 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025



#54
 cis-1,3-Dichloropropene
 Concen: 53.006 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VN085439.D
 Acq: 14 Jan 2025 15:19



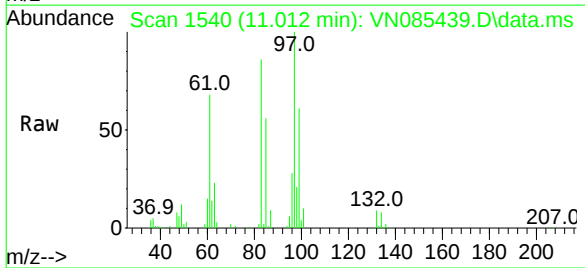
Tgt Ion: 75 Resp: 199771
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4
 39 53.9 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 50.641 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

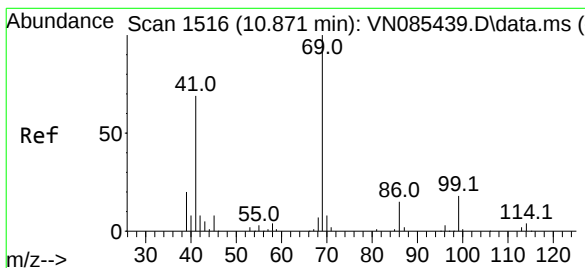
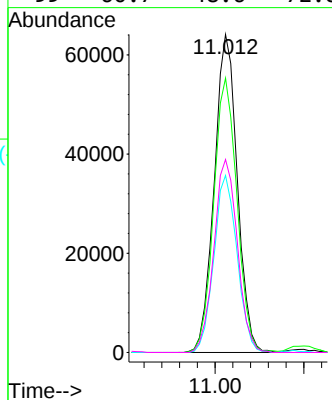
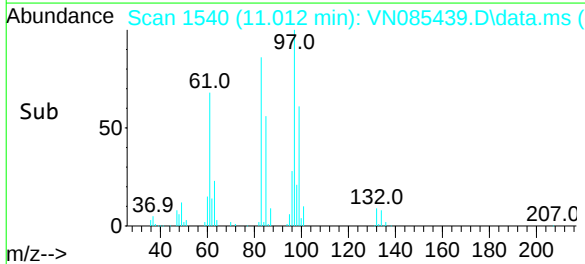
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.6
85	55.7	44.6	66.8
99	60.7	48.6	72.8

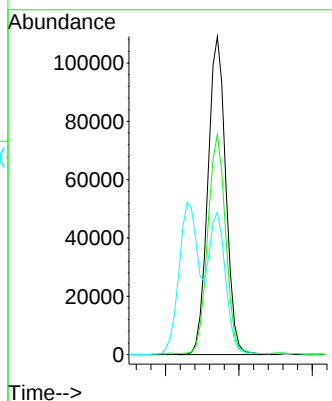
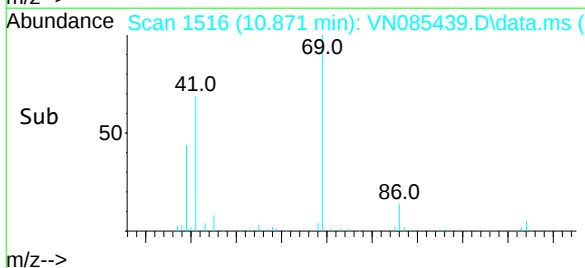
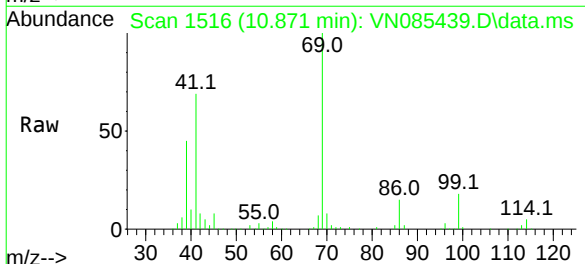
Manual Integrations
APPROVED

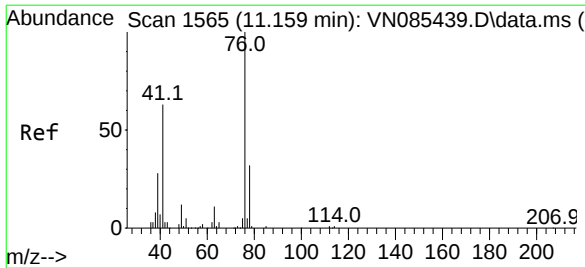
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#56
Ethyl methacrylate
Concen: 48.182 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

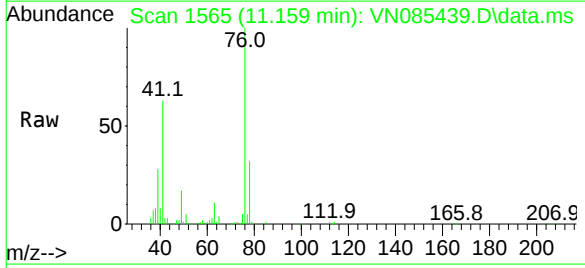
Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.6	82.0
39	40.5	32.4	48.6





#57
1,3-Dichloropropane
Concen: 51.606 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

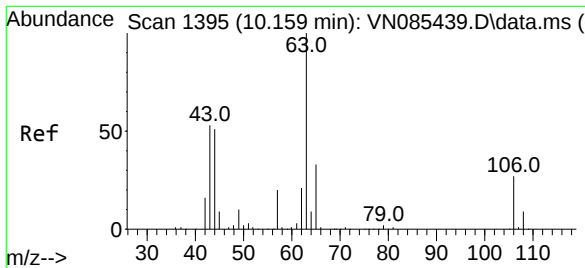
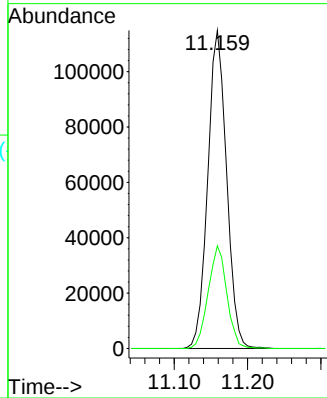
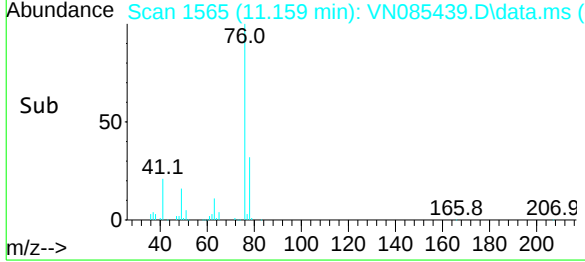
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 204596
Ion Ratio Lower Upper
76 100
78 32.0 25.6 38.4

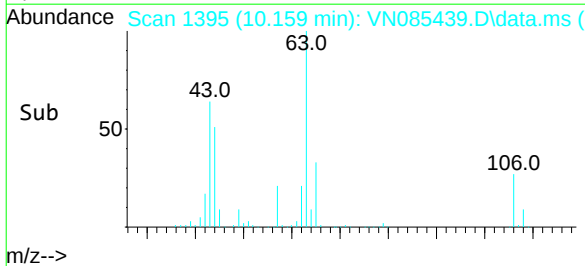
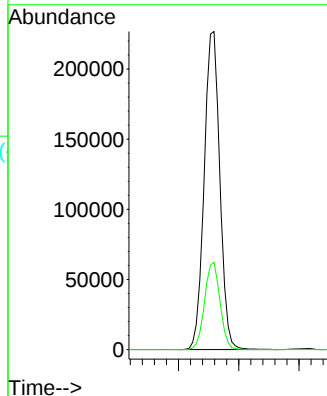
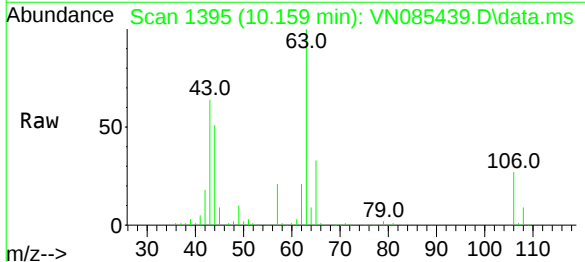
Manual Integrations
APPROVED

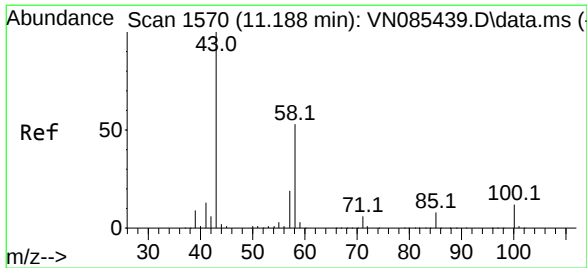
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#58
2-Chloroethyl Vinyl ether
Concen: 283.088 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion: 63 Resp: 409594
Ion Ratio Lower Upper
63 100
106 27.0 21.6 32.4





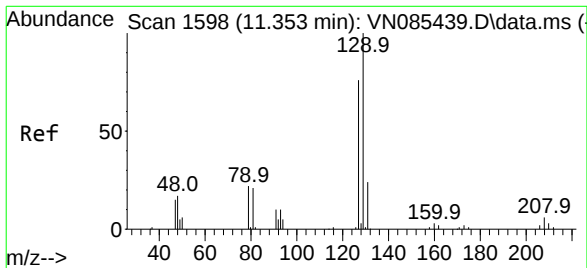
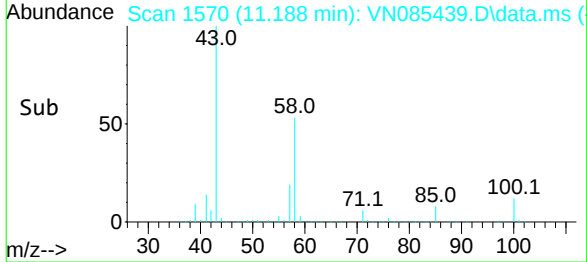
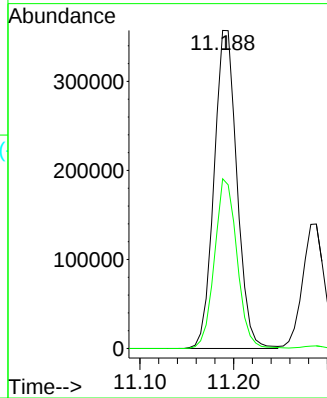
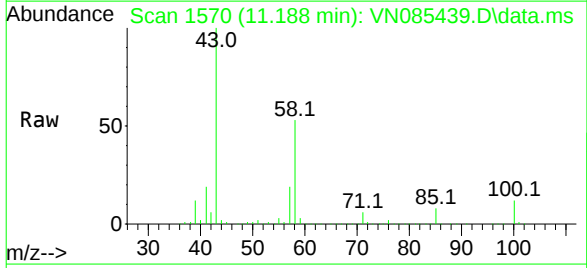
#59
2-Hexanone
Concen: 277.643 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 606740
Ion Ratio Lower Upper
43 100
58 52.4 26.2 78.6

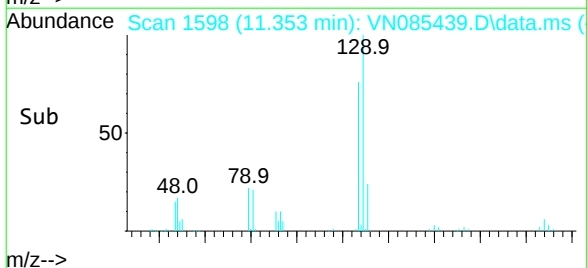
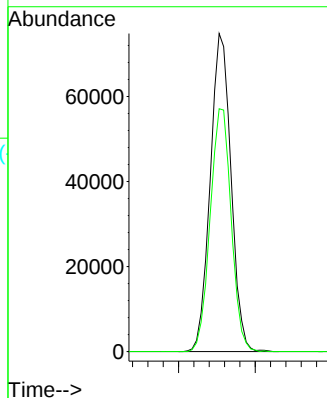
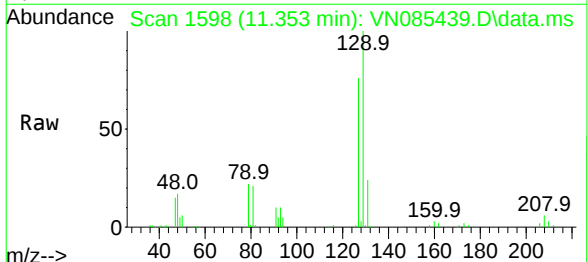
Manual Integrations
APPROVED

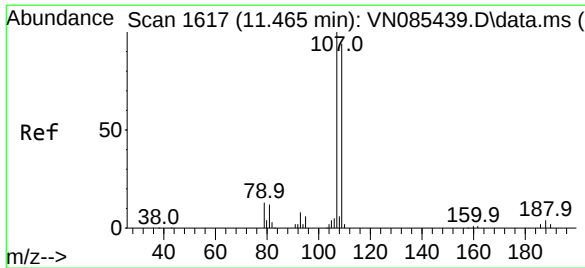
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#60
Dibromochloromethane
Concen: 51.116 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion:129 Resp: 140704
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





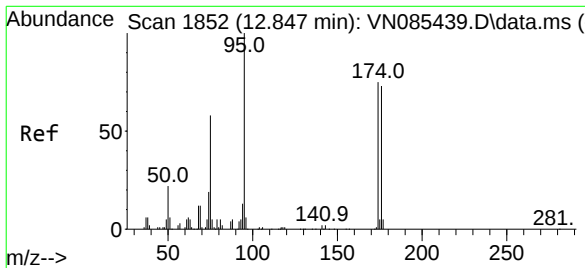
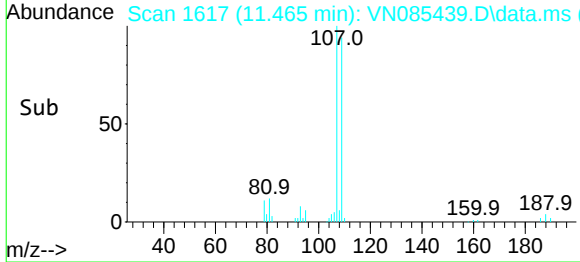
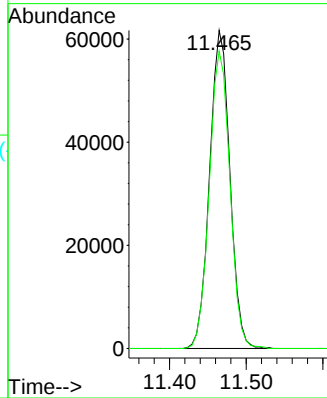
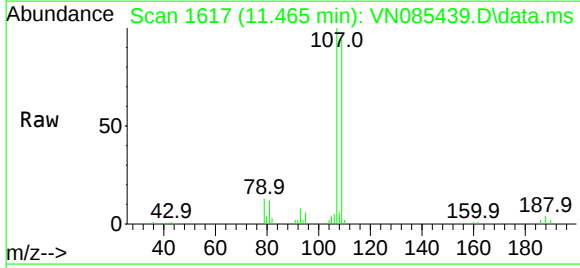
#61
1,2-Dibromoethane
Concen: 50.028 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	107	Resp:	113541
Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.9	113.9

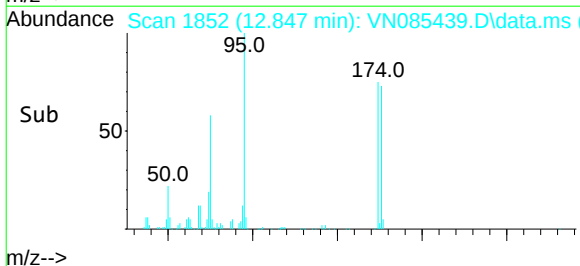
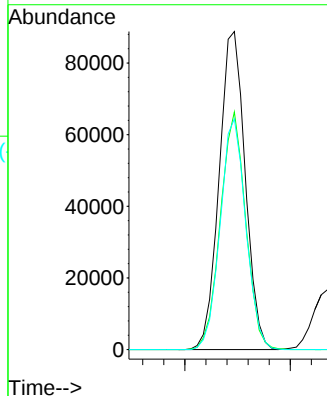
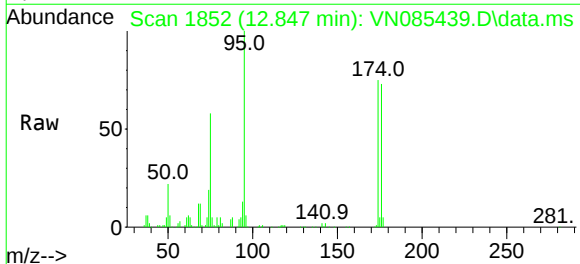
Manual Integrations
APPROVED

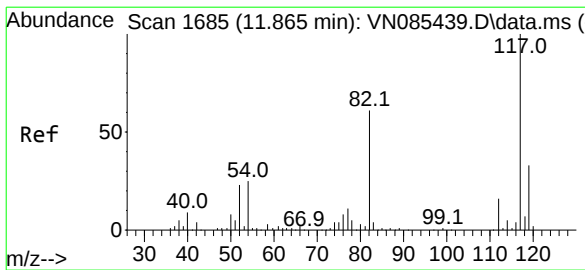
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#62
4-Bromofluorobenzene
Concen: 53.239 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion:	95	Resp:	152568
Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	145.0
176	71.2	0.0	142.4





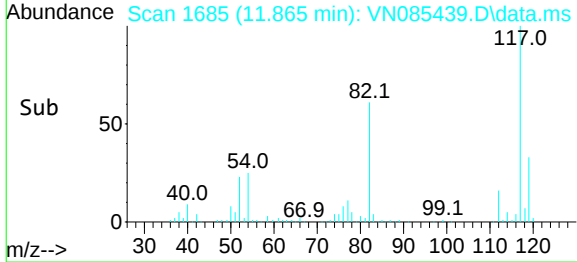
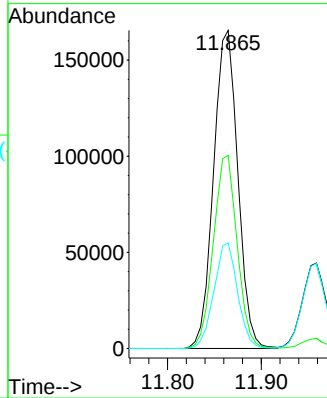
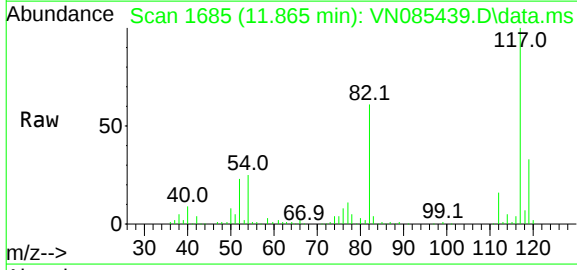
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	117	Resp:	297366
Ion	Ratio	Lower	Upper
117	100		
82	60.7	48.6	72.8
119	33.2	26.6	39.8

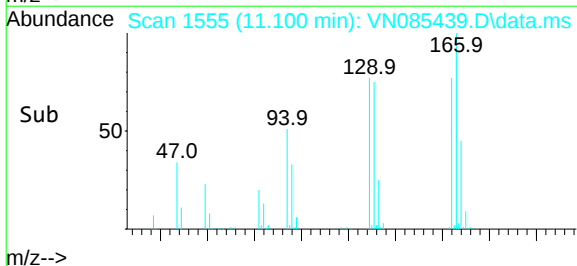
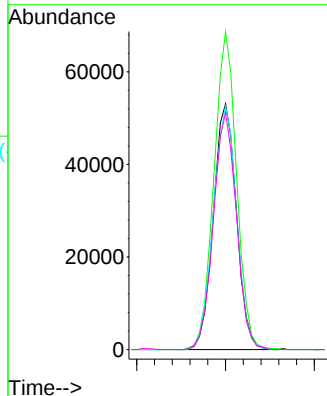
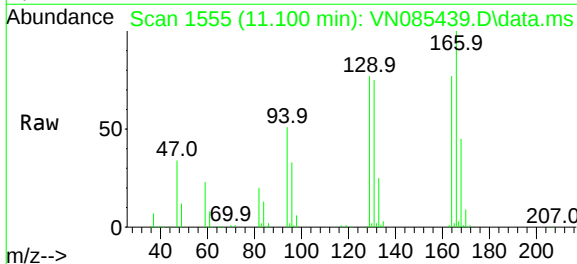
Manual Integrations
APPROVED

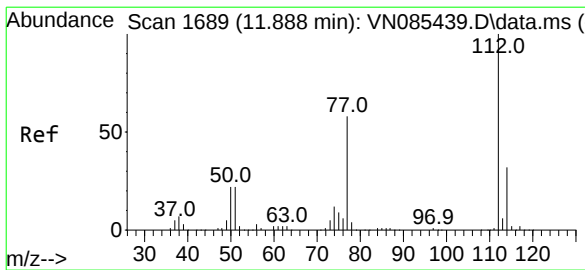
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#64
Tetrachloroethene
Concen: 47.295 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion:	164	Resp:	95879
Ion	Ratio	Lower	Upper
164	100		
166	129.3	103.4	155.2
129	99.0	79.2	118.8
131	96.4	77.1	115.7





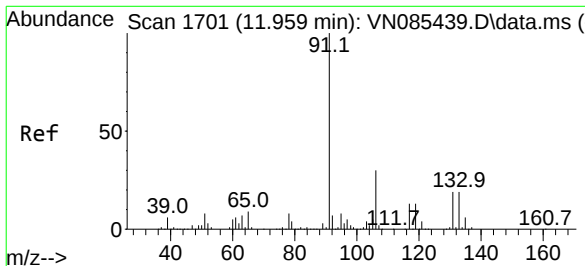
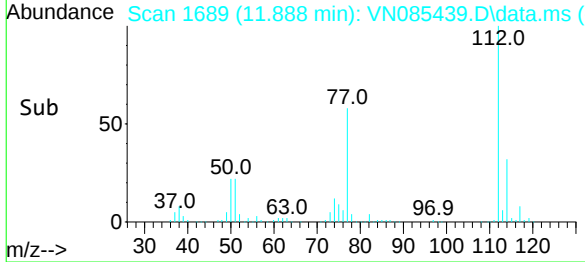
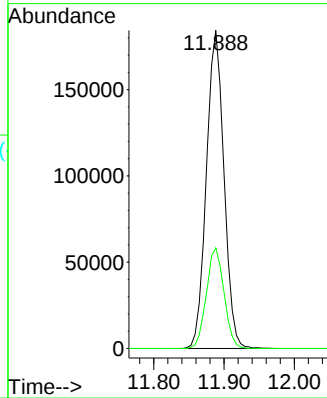
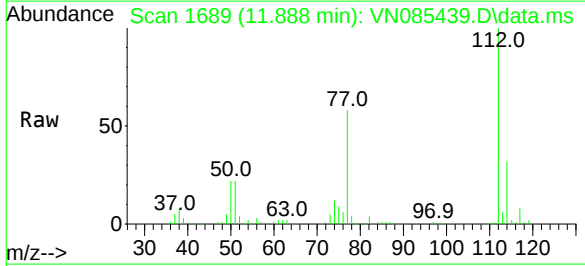
#65
Chlorobenzene
Concen: 49.121 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 319992
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

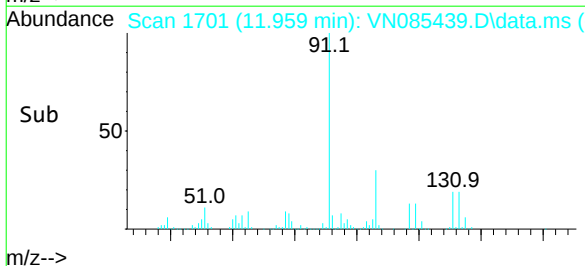
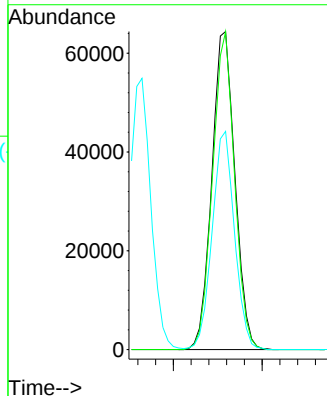
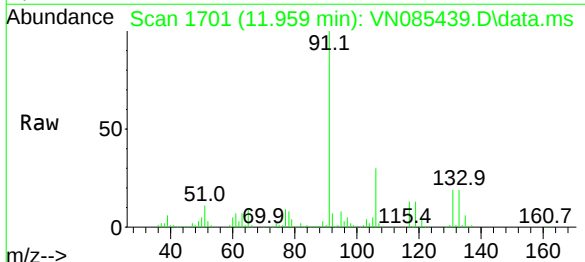
Manual Integrations
APPROVED

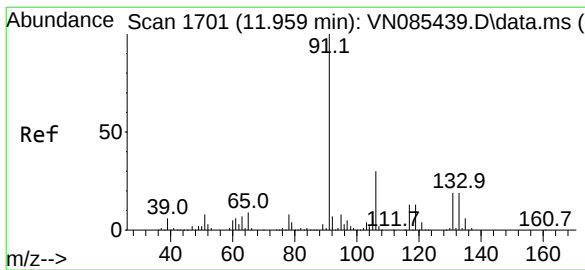
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 48.722 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion:131 Resp: 116488
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.3
119 66.3 33.1 99.5





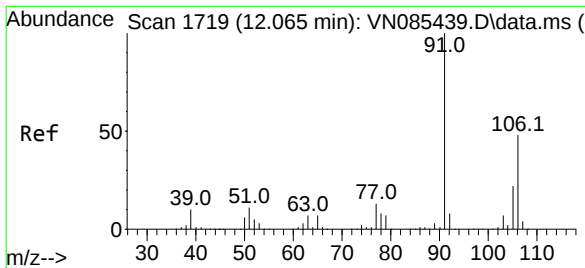
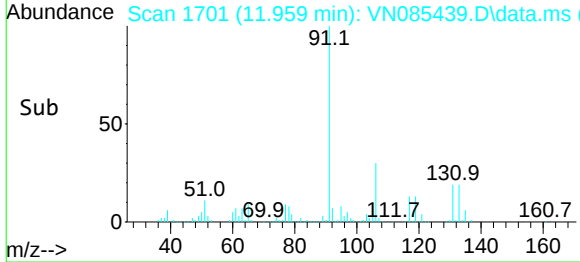
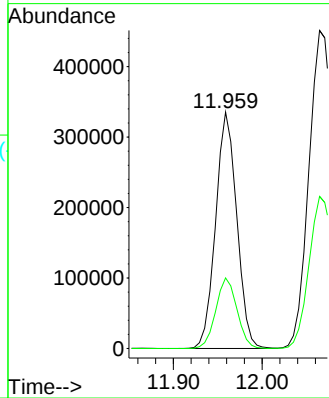
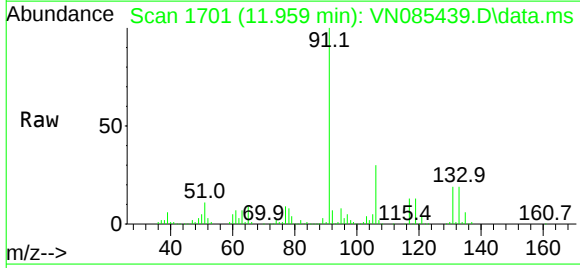
#67
Ethyl Benzene
Concen: 52.339 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 555322
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8

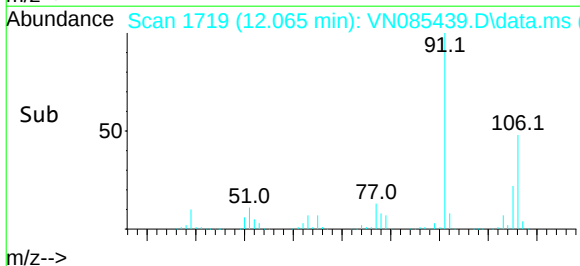
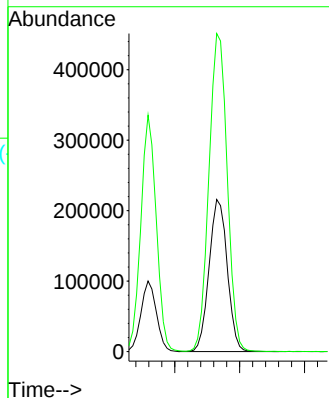
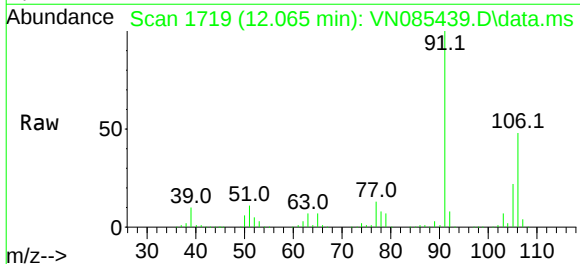
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#68
m/p-Xylenes
Concen: 107.286 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion:106 Resp: 420702
Ion Ratio Lower Upper
106 100
91 209.6 167.7 251.5





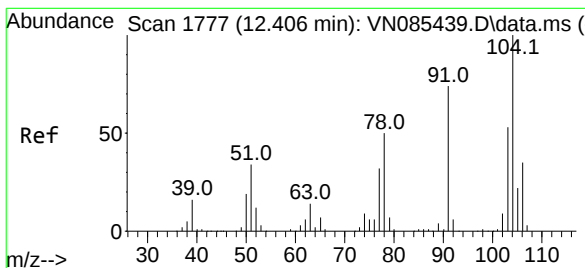
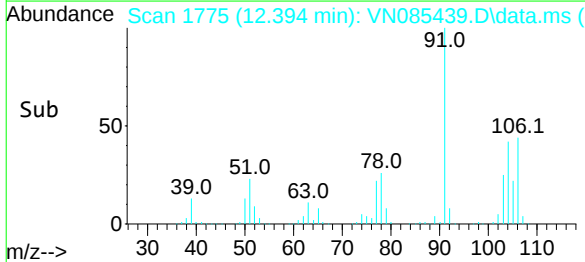
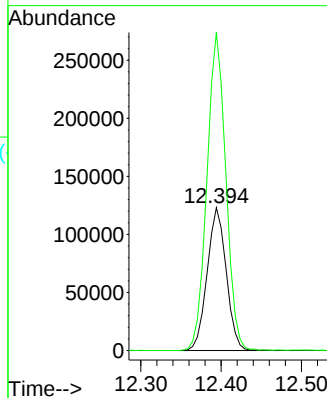
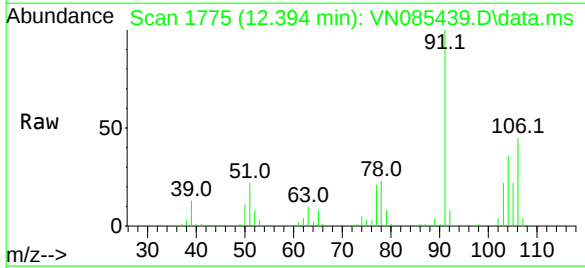
#69
o-Xylene
Concen: 54.062 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 202597
Ion Ratio Lower Upper
106 100
91 220.8 110.4 331.2

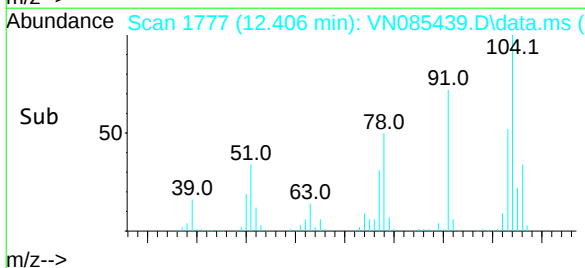
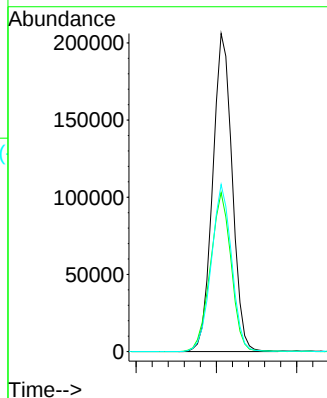
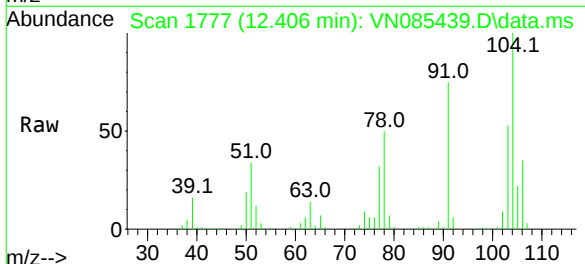
Manual Integrations
APPROVED

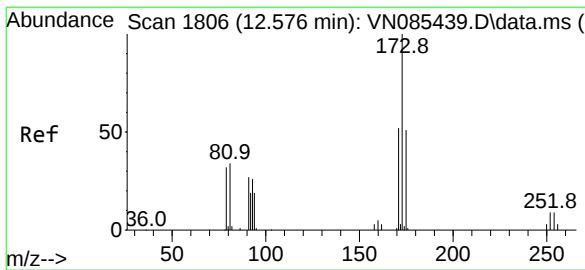
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#70
Styrene
Concen: 56.227 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion:104 Resp: 348720
Ion Ratio Lower Upper
104 100
78 53.1 42.5 63.7
103 54.8 43.8 65.8





#71

Bromoform

Concen: 53.993 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

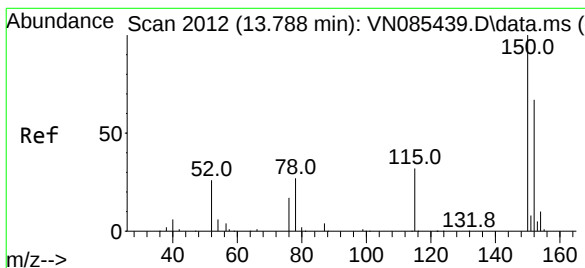
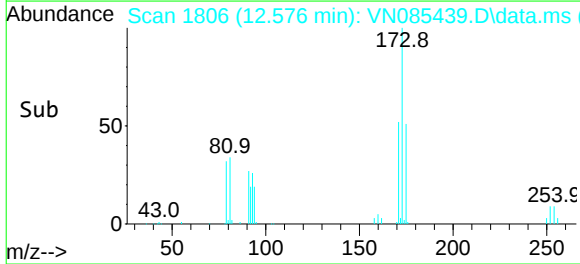
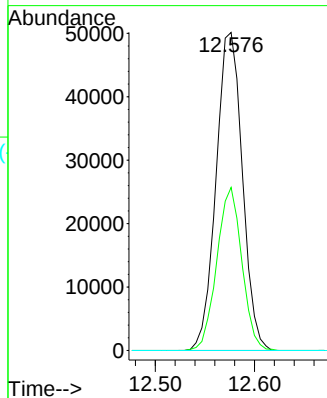
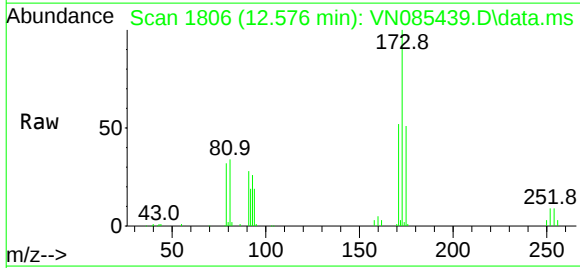
Tgt Ion:	173	Resp:	92366
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.4	73.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

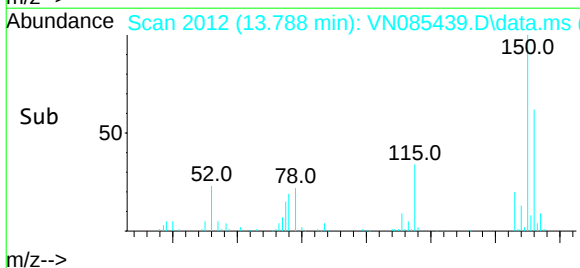
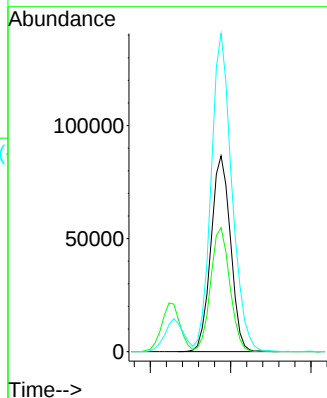
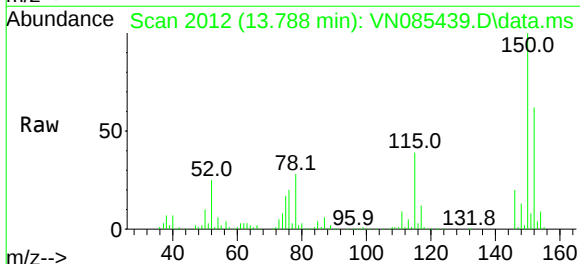
RT: 13.788 min Scan# 2012

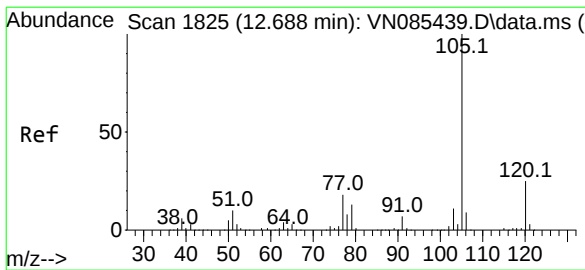
Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

Tgt Ion:	152	Resp:	146624
Ion Ratio	Lower	Upper	
152	100		
115	62.2	31.1	93.3
150	171.8	0.0	343.6





#73

Isopropylbenzene

Concen: 51.094 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 105 Resp: 505619

Ion Ratio Lower Upper

105 100

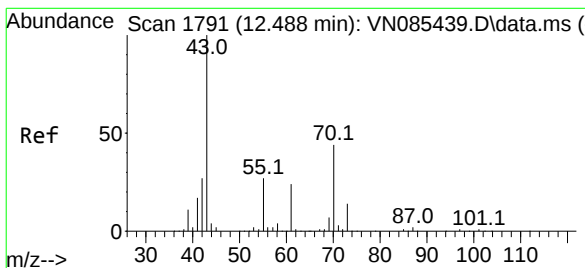
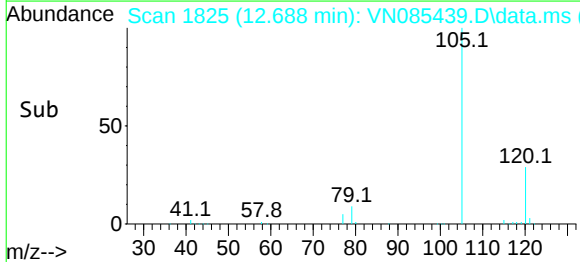
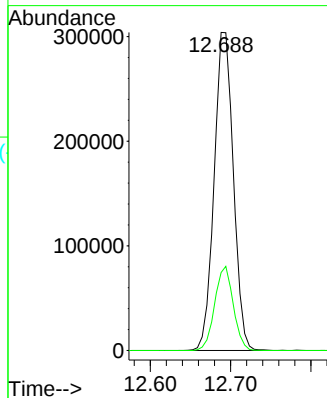
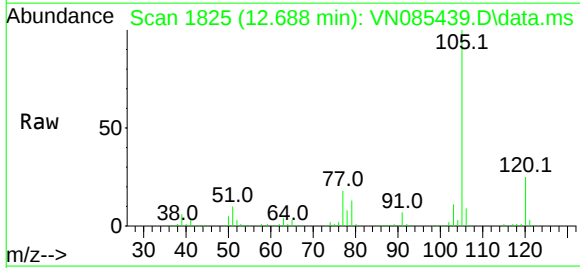
120 25.5 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#74

N-ethyl acetate

Concen: 53.478 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

Tgt Ion: 43 Resp: 237870

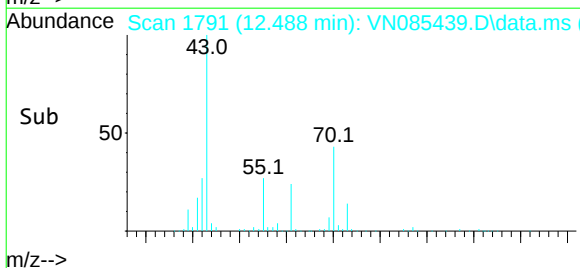
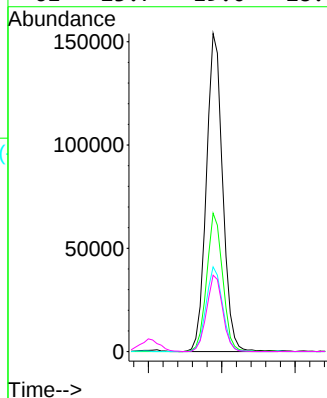
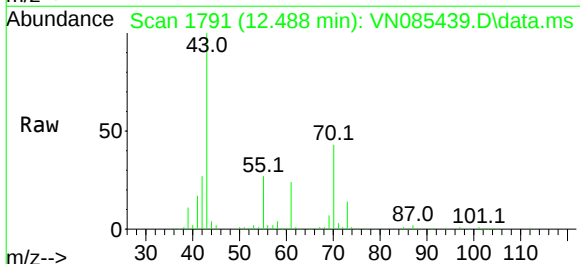
Ion Ratio Lower Upper

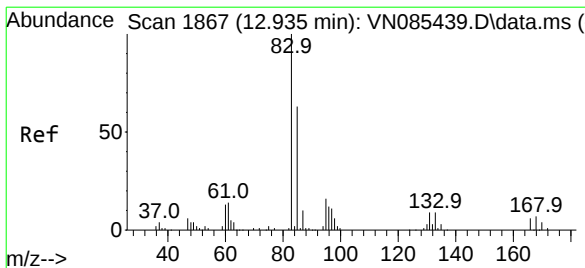
43 100

70 42.5 34.0 51.0

55 26.8 21.4 32.2

61 23.7 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.019 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

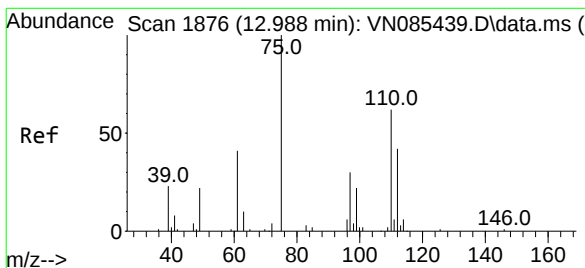
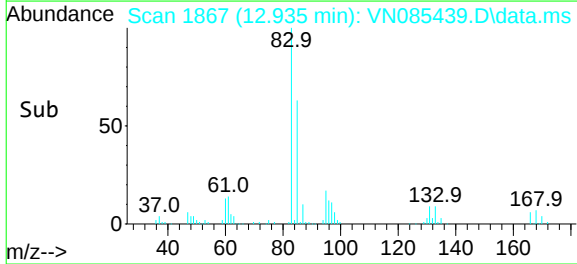
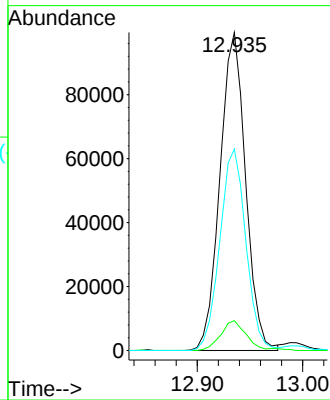
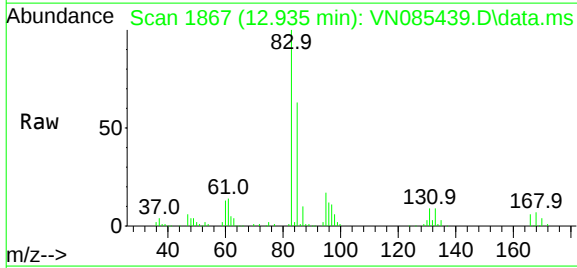
Tgt Ion:	83	Resp:	167856
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.8	14.4
85	64.4	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#76

1,2,3-Trichloropropane

Concen: 43.982 ug/l m

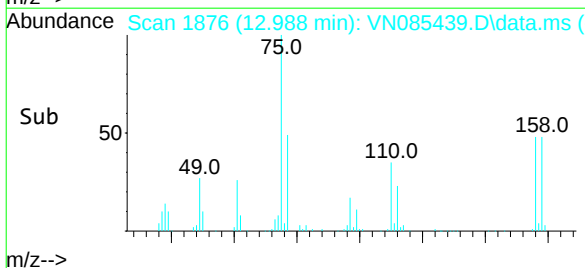
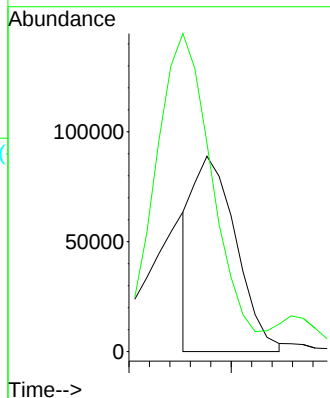
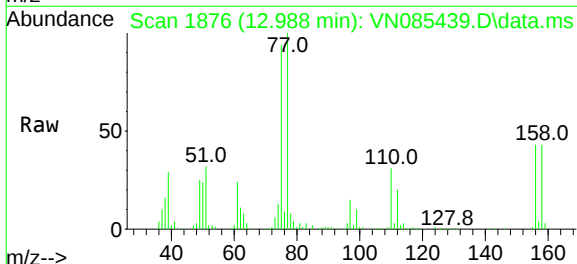
RT: 12.988 min Scan# 1876

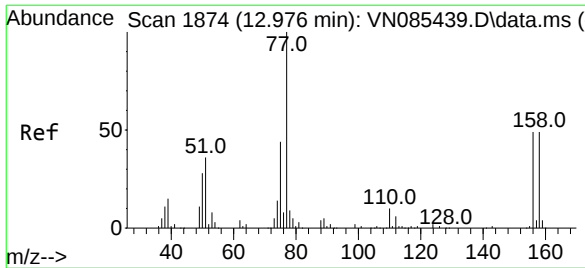
Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

Tgt Ion:	75	Resp:	130866
Ion	Ratio	Lower	Upper
75	100		
77	219.5	109.7	329.2





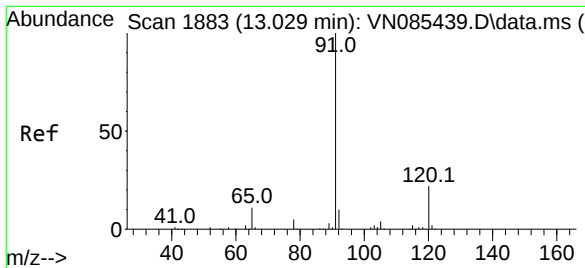
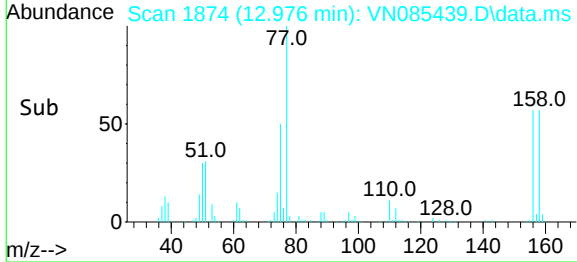
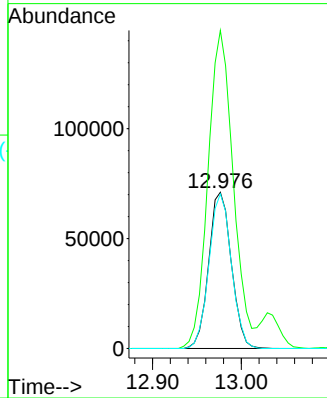
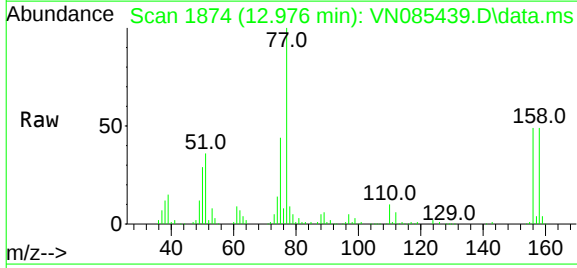
#77
Bromobenzene
Concen: 48.657 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 156 Resp: 125800
Ion Ratio Lower Upper
156 100
77 228.3 114.1 342.4
158 97.9 48.9 146.8

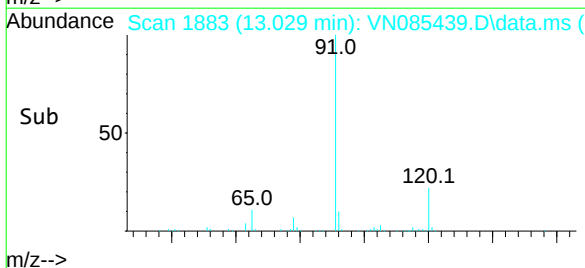
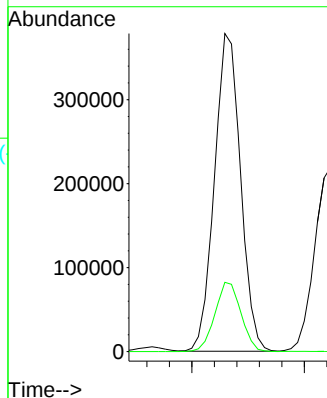
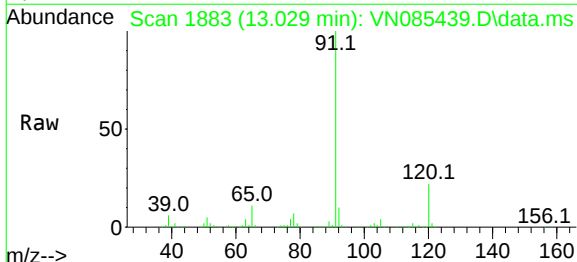
Manual Integrations
APPROVED

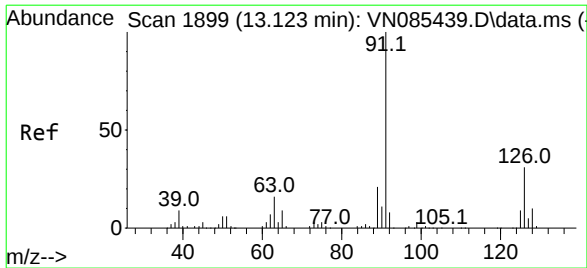
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#78
n-propylbenzene
Concen: 51.986 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion: 91 Resp: 609022
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.6





#79

2-Chlorotoluene

Concen: 49.985 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 378981

Ion Ratio Lower Upper

91 100

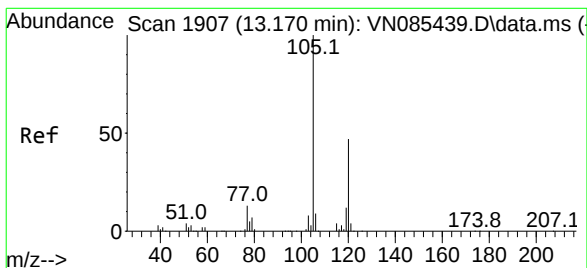
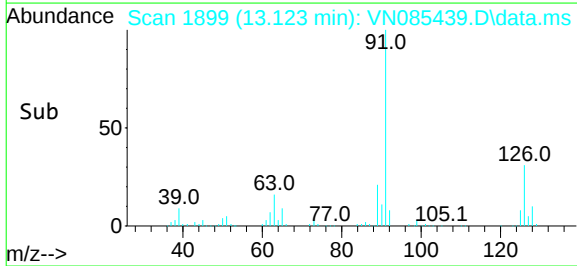
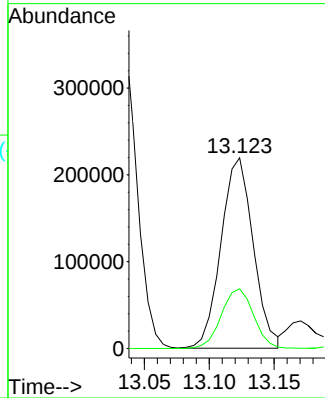
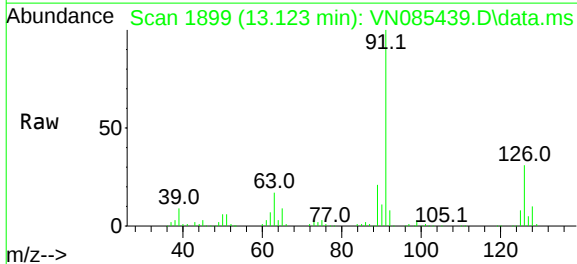
126 31.4 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#80

1,3,5-Trimethylbenzene

Concen: 52.730 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085439.D

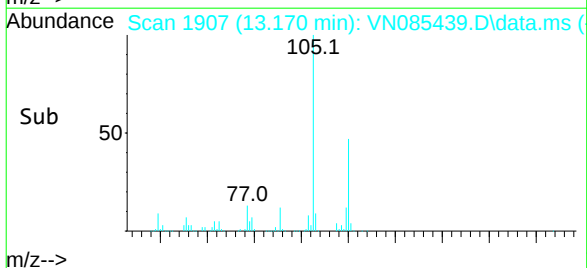
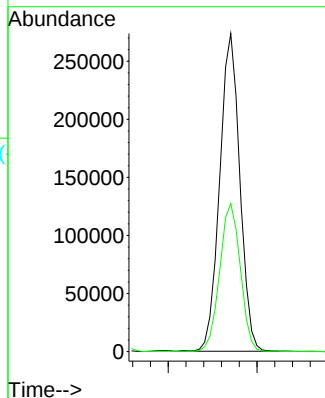
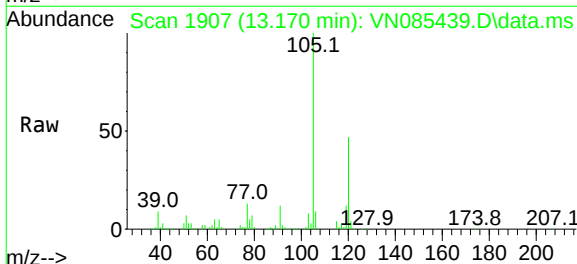
Acq: 14 Jan 2025 15:19

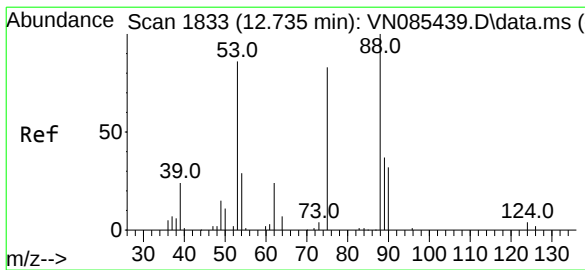
Tgt Ion:105 Resp: 431021

Ion Ratio Lower Upper

105 100

120 47.8 23.9 71.7





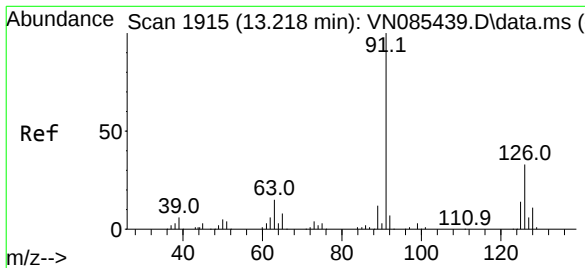
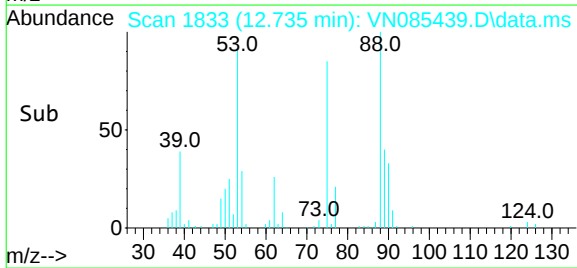
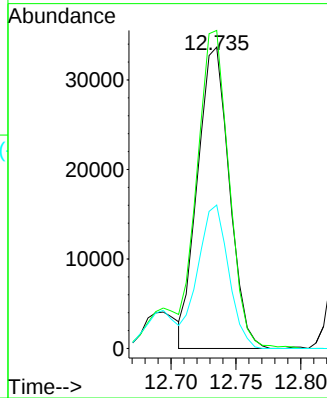
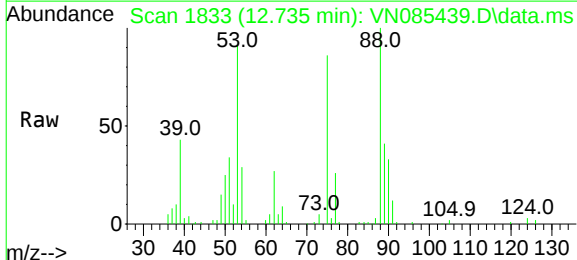
#81
trans-1,4-Dichloro-2-butene
Concen: 51.914 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 57184
Ion Ratio Lower Upper
75 100
53 119.5 95.6 143.4
89 46.3 37.0 55.6

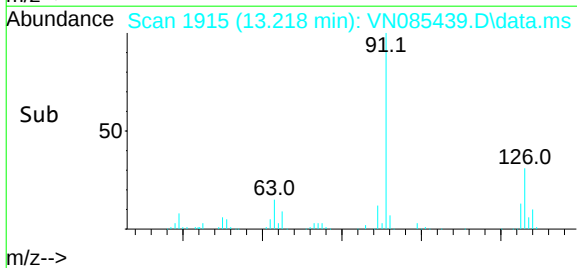
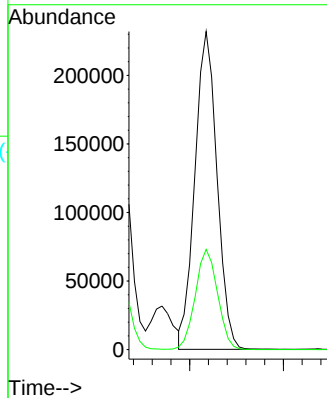
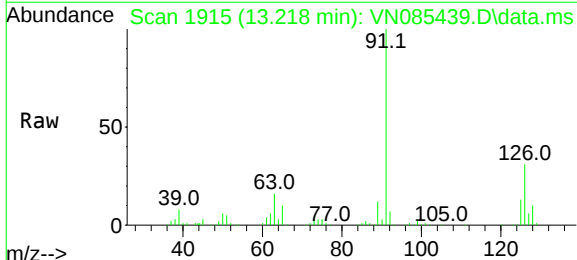
Manual Integrations
APPROVED

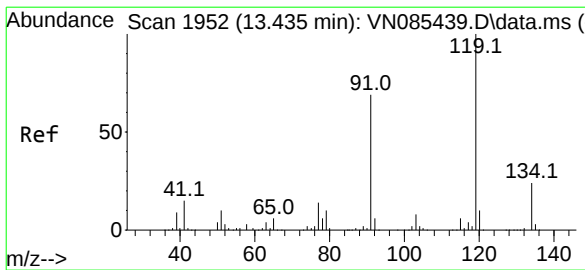
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#82
4-Chlorotoluene
Concen: 50.273 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion: 91 Resp: 379524
Ion Ratio Lower Upper
91 100
126 31.8 15.9 47.7





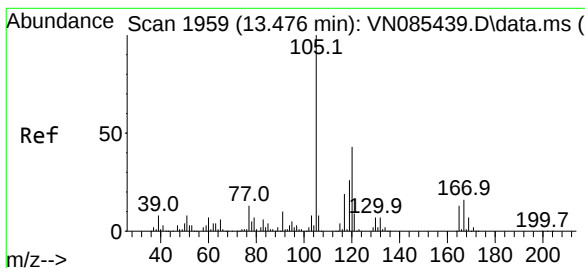
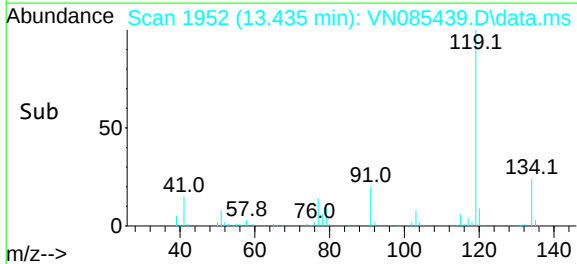
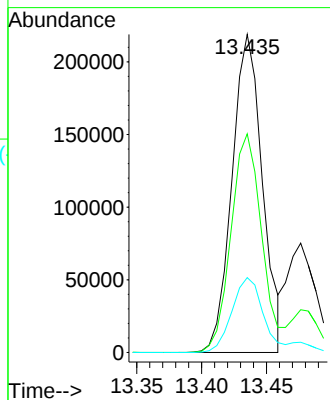
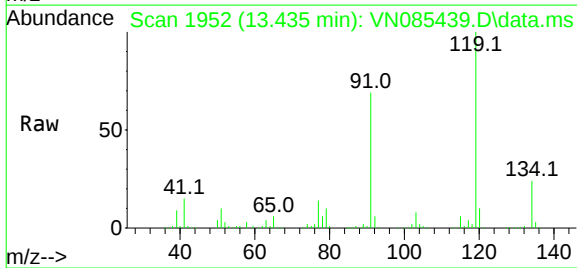
#83
tert-Butylbenzene
Concen: 52.090 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 357563
Ion Ratio Lower Upper
119 100
91 70.2 35.1 105.3
134 24.1 12.0 36.1

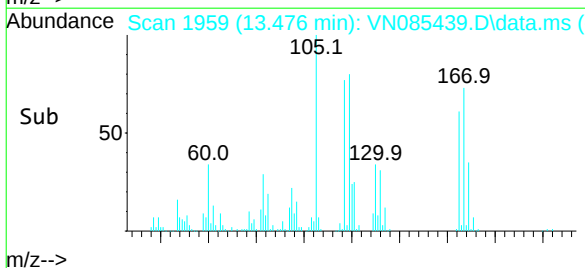
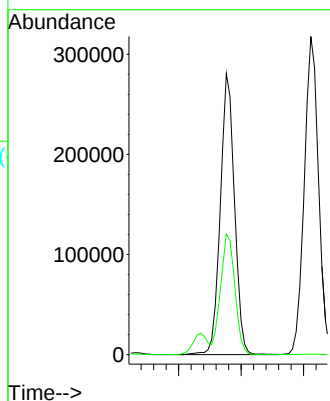
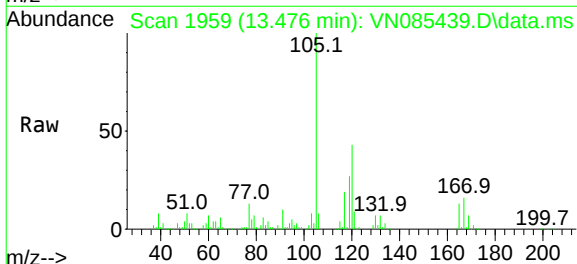
Manual Integrations
APPROVED

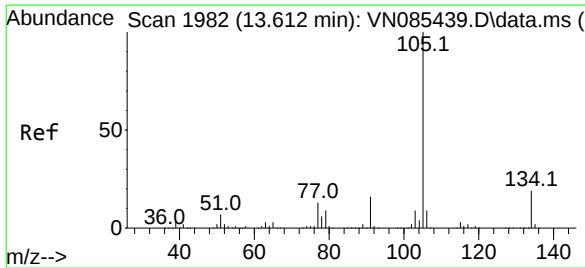
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#84
1,2,4-Trimethylbenzene
Concen: 54.275 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion:105 Resp: 442175
Ion Ratio Lower Upper
105 100
120 43.3 21.6 65.0





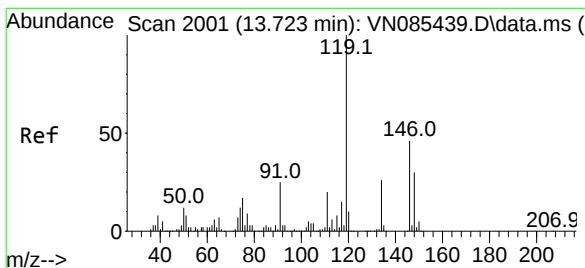
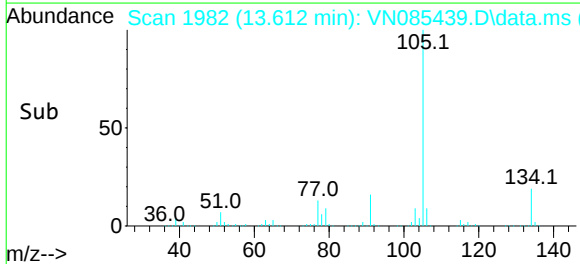
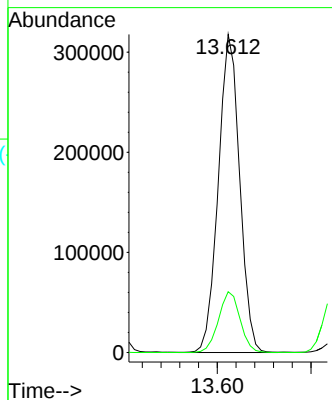
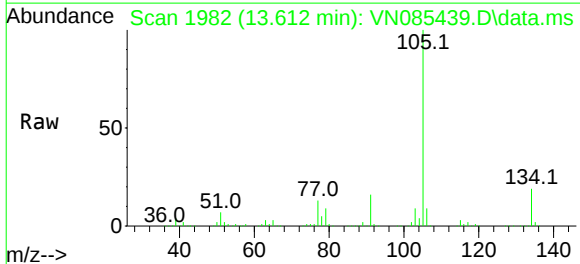
#85
sec-Butylbenzene
Concen: 52.719 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 501561
Ion Ratio Lower Upper
105 100
134 19.3 9.7 28.9

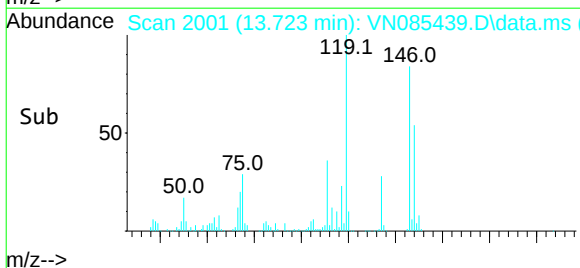
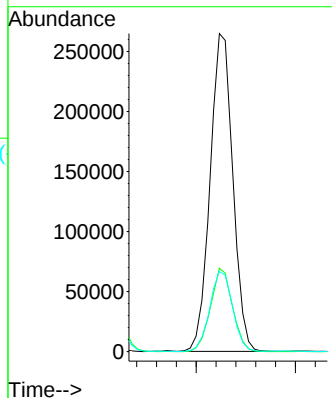
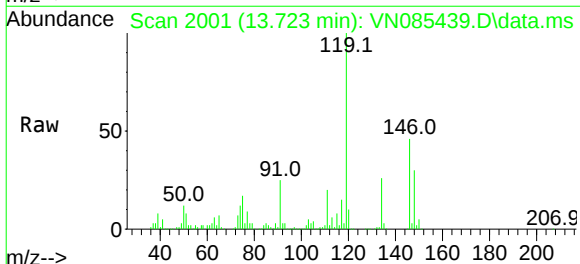
Manual Integrations
APPROVED

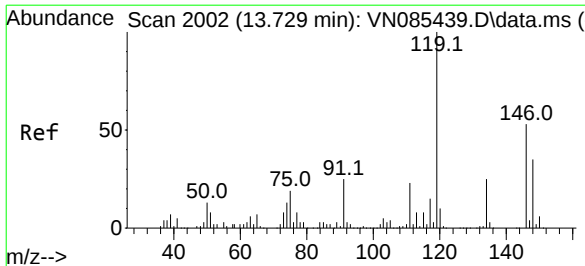
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#86
p-Isopropyltoluene
Concen: 49.240 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

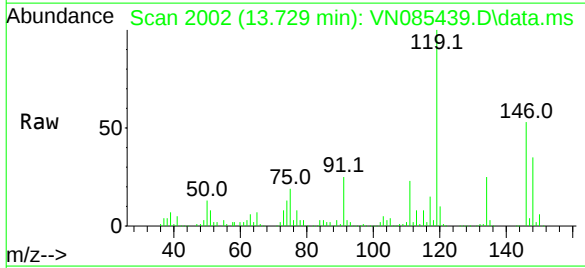
Tgt Ion:119 Resp: 421052
Ion Ratio Lower Upper
119 100
134 25.3 12.7 38.0
91 25.4 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 48.204 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

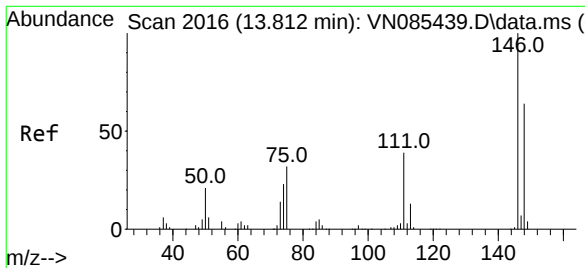
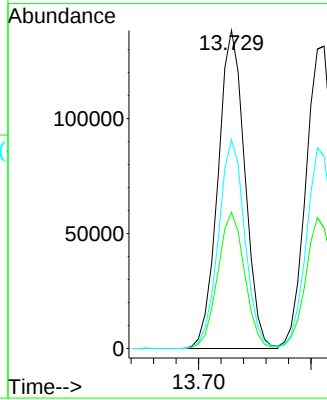
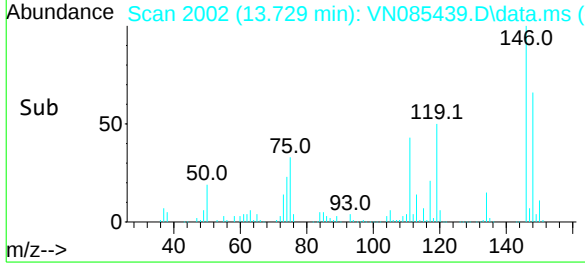
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



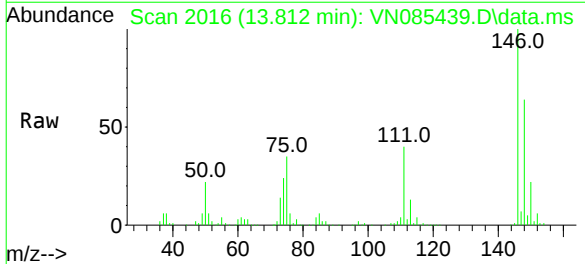
Tgt Ion:146 Resp: 229518
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.3
148 64.6 32.3 96.9

Manual Integrations
APPROVED

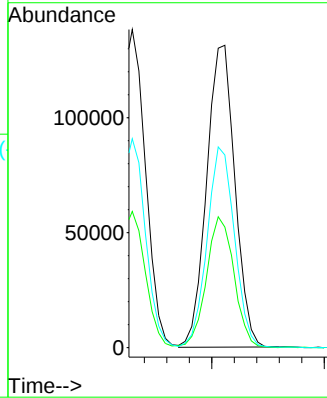
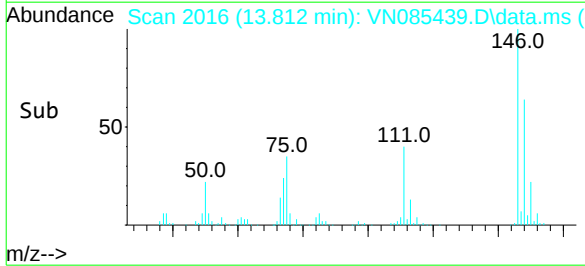
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

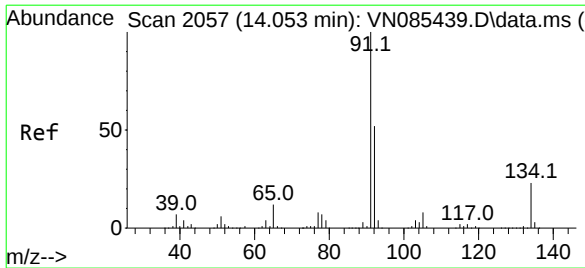


#88
1,4-Dichlorobenzene
Concen: 46.416 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19



Tgt Ion:146 Resp: 229084
Ion Ratio Lower Upper
146 100
111 42.5 21.3 63.7
148 64.7 32.4 97.0





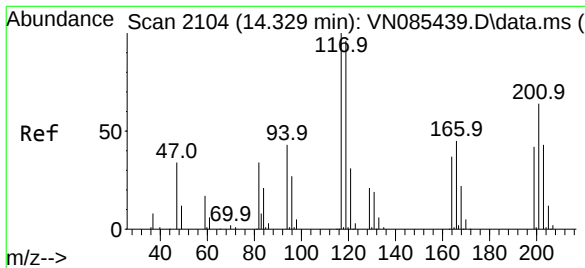
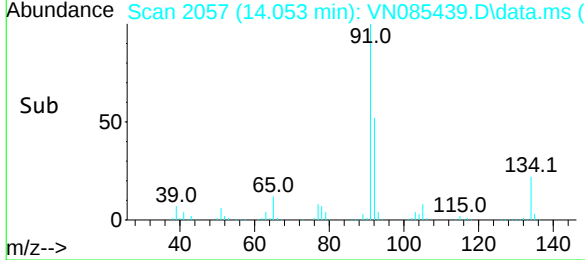
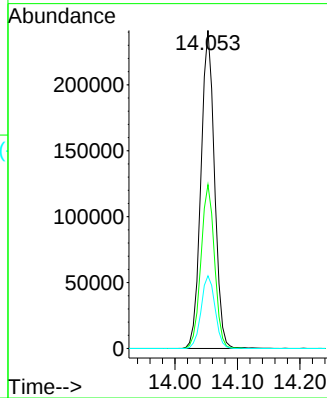
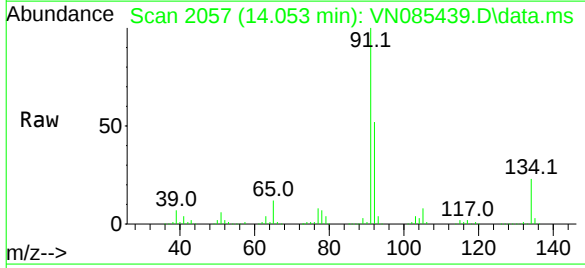
#89
n-Butylbenzene
Concen: 53.348 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 364111
Ion Ratio Lower Upper
91 100
92 51.5 25.8 77.3
134 23.4 11.7 35.1

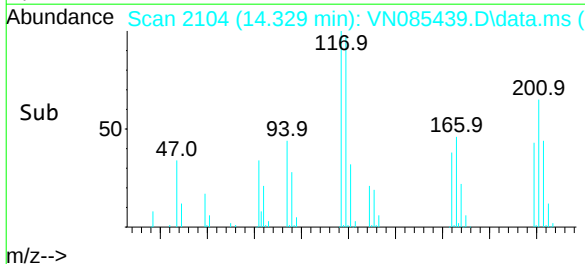
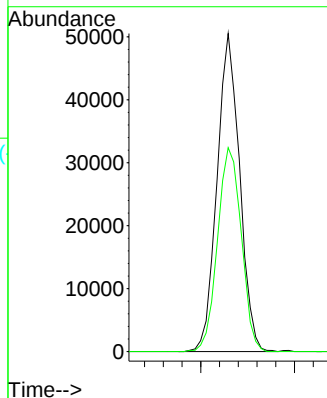
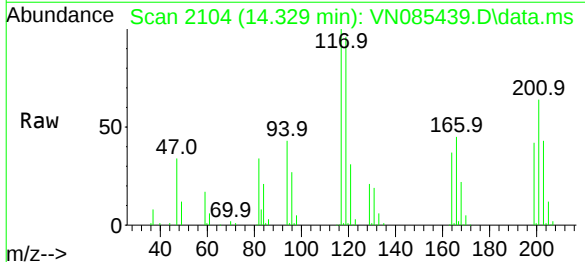
Manual Integrations
APPROVED

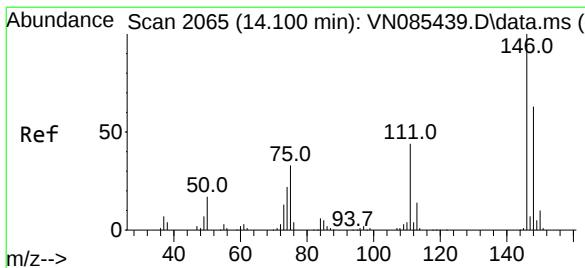
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#90
Hexachloroethane
Concen: 46.712 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085439.D
Acq: 14 Jan 2025 15:19

Tgt Ion:117 Resp: 84602
Ion Ratio Lower Upper
117 100
201 67.3 33.7 101.0





#91

1,2-Dichlorobenzene

Concen: 48.012 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

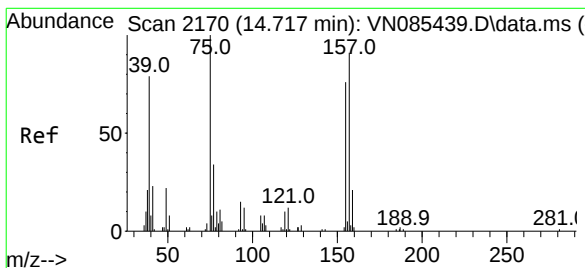
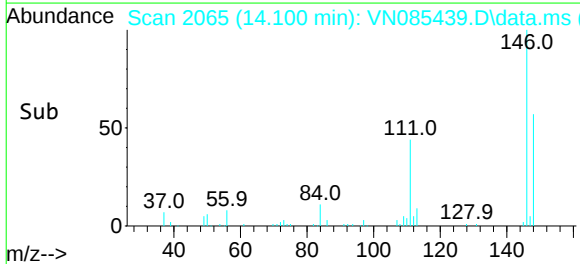
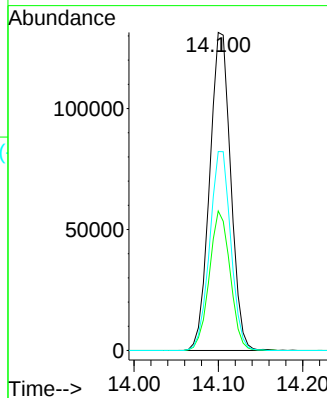
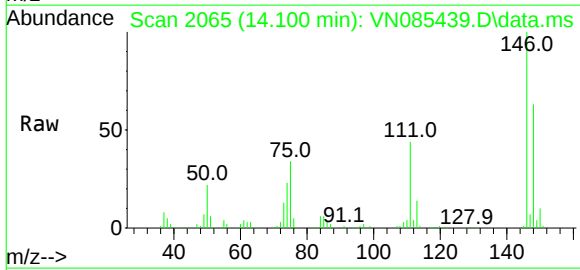
Tgt Ion:	146	Resp:	228024
Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.7	65.1
148	62.8	31.4	94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.971 ug/l

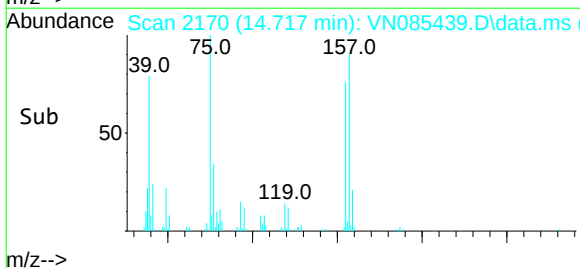
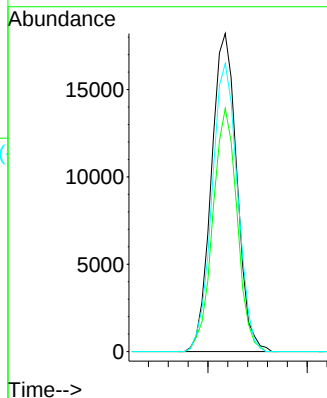
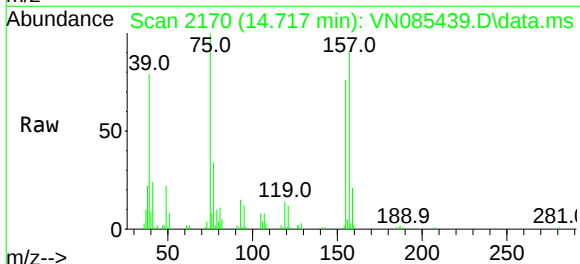
RT: 14.717 min Scan# 2170

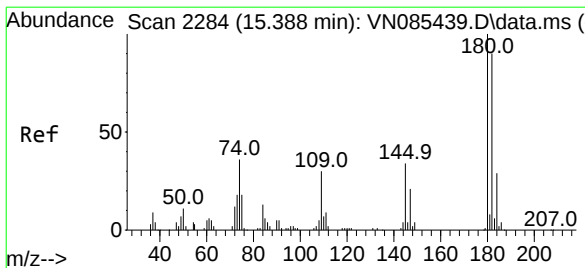
Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

Tgt Ion:	75	Resp:	32536
Ion	Ratio	Lower	Upper
75	100		
155	72.8	36.4	109.2
157	90.7	45.4	136.1





#93

1,2,4-Trichlorobenzene

Concen: 51.857 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

Instrument :

MSVOA_N

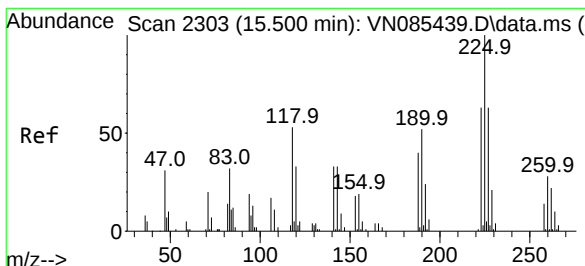
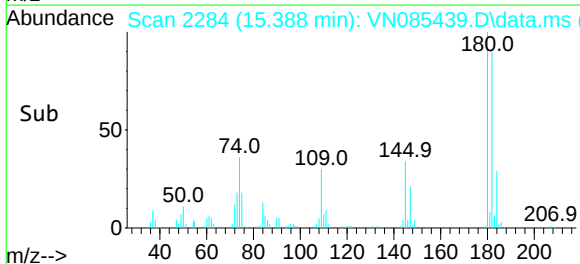
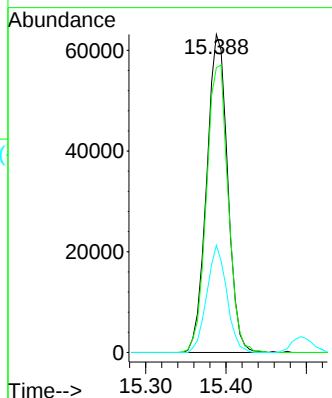
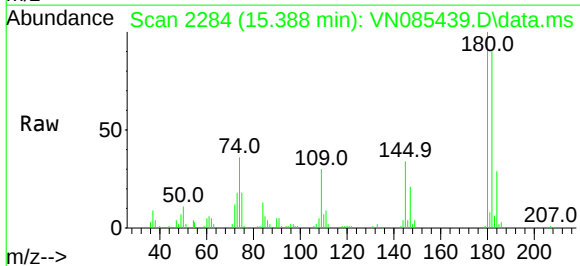
ClientSampleId :

VSTDICCC050

Tgt Ion:	180	Resp:	114468
Ion Ratio	Lower	Upper	
180	100		
182	93.5	46.8	140.3
145	32.0	16.0	48.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#94

Hexachlorobutadiene

Concen: 45.947 ug/l

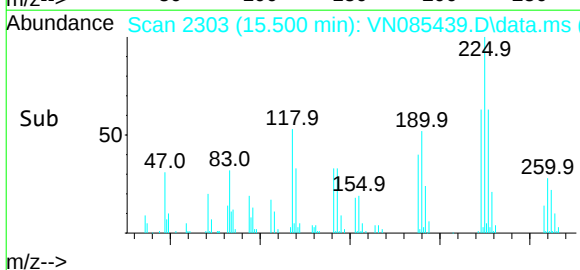
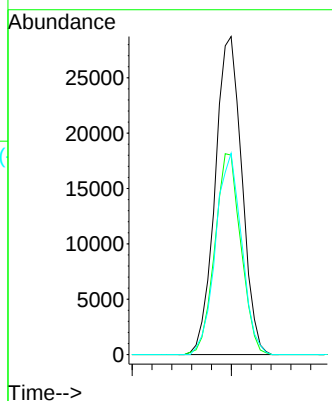
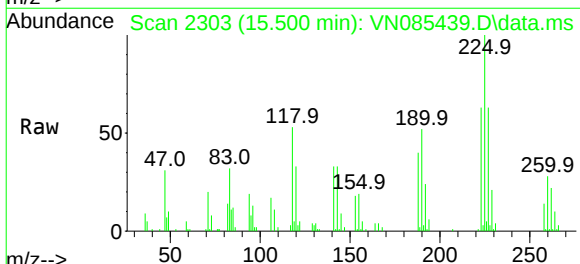
RT: 15.500 min Scan# 2303

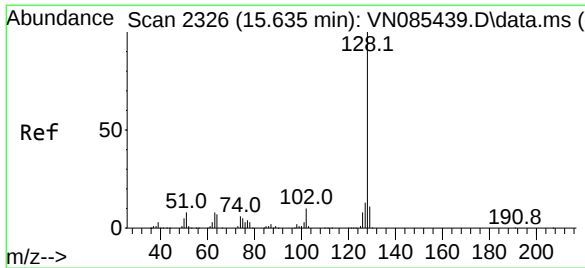
Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

Tgt Ion:	225	Resp:	53846
Ion Ratio	Lower	Upper	
225	100		
223	61.4	30.7	92.1
227	61.7	30.9	92.5





#95

Naphthalene

Concen: 55.243 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

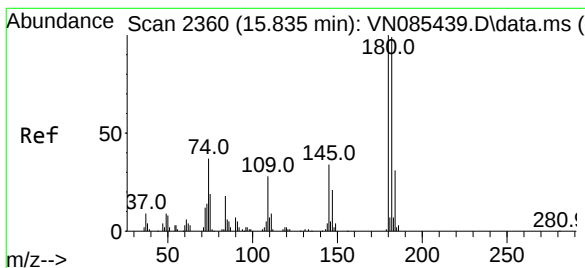
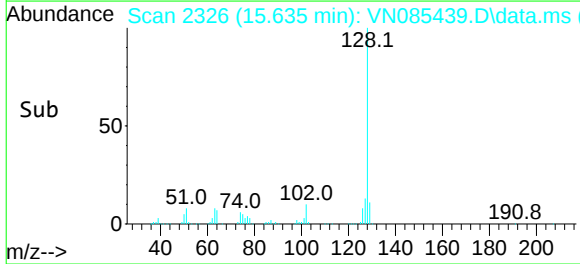
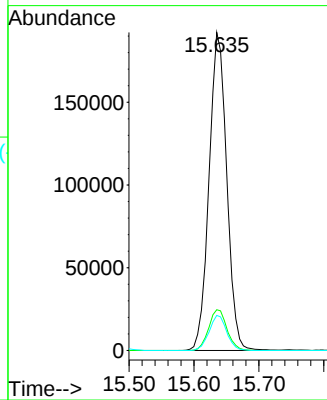
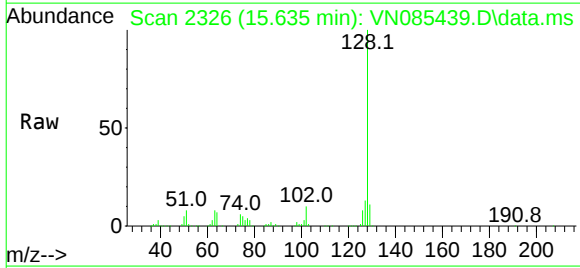
Tgt Ion:	128	Resp:	363882
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#96

1,2,3-Trichlorobenzene

Concen: 51.601 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085439.D

Acq: 14 Jan 2025 15:19

Tgt Ion:	180	Resp:	115251
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.4	142.2
145	33.8	16.9	50.7

