

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
 Data File : VN086390.D
 Acq On : 23 Apr 2025 18:25
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Apr 24 05:02:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 04:42:24 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/24/2025
 Supervised By : Mahesh Dadoda 04/25/2025

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

Internal Standards						
1) Bromochloromethane	7.812	128	28689	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	168285	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	155860	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80387	29.063	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.867%		
60) 4-Bromofluorobenzene	12.847	95	89927	29.356	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.867%		
63) Toluene-d8	10.565	98	255638	29.813	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.367%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	37214	18.789	ug/l	96
3) Chloromethane	2.359	50	51479	18.297	ug/l	100
4) Vinyl Chloride	2.518	62	50217	18.636	ug/l	99
5) Bromomethane	2.959	94	27915	19.842	ug/l	100
6) Chloroethane	3.124	64	34399	19.148	ug/l	96
7) Trichlorofluoromethane	3.501	101	58996	18.548	ug/l	96
8) Diethyl Ether	3.959	74	24686	18.386	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	37306	19.078	ug/l	97
10) 1,1-Dichloroethene	4.348	96	37075	18.524	ug/l	97
11) Methyl Iodide	4.589	142	45345	19.363	ug/l	94
12) Methyl Acetate	5.024	43	59652	21.028	ug/l	95
13) Acrolein	4.189	56	12867m	90.484	ug/l	
14) Acrylonitrile	5.718	53	106448	100.821	ug/l	99
15) Acetone	4.424	58	27477	94.445	ug/l	89
16) Carbon Disulfide	4.712	76	95745	18.155	ug/l	98
17) Allyl chloride	5.024	41	57916	18.097	ug/l	96
18) Methylene Chloride	5.271	84	42940	18.839	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	39391	18.465	ug/l	99
20) Diisopropyl ether	6.671	45	139823	18.376	ug/l	95
21) 1,1-Dichloroethane	6.565	63	77877	18.697	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	50177	18.811	ug/l	96
23) tert-Butyl Alcohol	5.512	59	46493	113.674	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	141568	19.145	ug/l	100
25) Chloroform	7.965	83	79185	18.785	ug/l	99
26) Cyclohexane	8.253	56	65568	17.829	ug/l #	100
29) 1,1-Dichloropropene	8.365	75	55315	18.645	ug/l	99
30) 2-Butanone	7.477	43	142726	99.118	ug/l #	97
31) 2,2-Dichloropropane	7.489	77	66289	17.382	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	68565	19.340	ug/l	99
33) Carbon Tetrachloride	8.359	117	54717	18.749	ug/l	99
34) Benzene	8.600	78	178778	18.946	ug/l	96
35) Methacrylonitrile	7.777	41	32875	20.014	ug/l	95
36) 1,2-Dichloroethane	8.665	62	58981	19.252	ug/l	100
37) Trichloroethene	9.347	130	43484	18.408	ug/l	95
38) Methylcyclohexane	9.600	83	62437	18.222	ug/l	99
39) 1,2-Dichloropropane	9.618	63	43718	18.754	ug/l	96
40) Dibromomethane	9.706	93	30294	19.432	ug/l	98
41) Bromodichloromethane	9.883	83	63665	19.298	ug/l	96
42) Vinyl Acetate	6.600	43	479933	96.214	ug/l	100

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 Data File : VN086390.D
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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/24/2025
 Supervised By : Mahesh Dadoda 04/25/2025

Quant Time: Apr 24 05:02:41 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	57073	20.028	ug/l	97
44) Isopropyl Acetate	8.683	43	106896	19.765	ug/l	99
45) 1,4-Dioxane	9.694	88	19104	452.726	ug/l	94
46) Methyl methacrylate	9.677	41	48975	19.631	ug/l	98
47) n-amyl Acetate	12.488	43	84813	18.399	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	67591	18.326	ug/l	94
49) cis-1,3-Dichloropropene	10.312	75	72754	18.706	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	41661	19.133	ug/l	98
51) Ethyl methacrylate	10.871	69	72228	19.046	ug/l	99
52) 1,3-Dichloropropane	11.159	76	75071	19.507	ug/l	97
53) Dibromochloromethane	11.353	129	46649	19.079	ug/l	99
54) 1,2-Dibromoethane	11.465	107	43010	19.426	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	174243	97.726	ug/l	98
56) Bromoform	12.576	173	30668	19.329	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	301799	100.062	ug/l	100
59) 2-Hexanone	11.194	43	228265	102.699	ug/l	99
61) Tetrachloroethene	11.100	164	43216	18.179	ug/l	97
62) Toluene	10.630	91	199432	19.116	ug/l	100
64) Chlorobenzene	11.888	112	124307	19.122	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	41961	19.305	ug/l	99
66) Ethyl Benzene	11.959	91	221969	18.902	ug/l	99
67) m/p-Xylenes	12.071	106	167642	37.625	ug/l	98
68) o-Xylene	12.394	106	84431	19.353	ug/l	98
69) Styrene	12.406	104	140229	18.964	ug/l	99
70) Isopropylbenzene	12.694	105	207230	19.029	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	60053	20.943	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	50682m	20.273	ug/l	
73) Bromobenzene	12.976	156	47715	19.058	ug/l	98
74) n-propylbenzene	13.035	91	240186	18.560	ug/l	100
75) 2-Chlorotoluene	13.123	91	153270	18.973	ug/l	100
76) 1,3,5-Trimethylbenzene	13.171	105	168707	18.880	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	23430	18.467	ug/l	95
78) 4-Chlorotoluene	13.218	91	149730	18.537	ug/l	100
79) tert-butylbenzene	13.435	119	144573	18.892	ug/l	98
80) 1,2,4-Trimethylbenzene	13.476	105	169022	18.521	ug/l	97
81) sec-Butylbenzene	13.612	105	202665	18.552	ug/l	99
82) p-Isopropyltoluene	13.723	119	163797	17.919	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	88176	18.631	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	87436	18.699	ug/l	99
85) n-Butylbenzene	14.053	91	140845	17.268	ug/l	99
86) Hexachloroethane	14.329	117	27351	18.299	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	85350	18.953	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.712	75	11274	19.343	ug/l	96
89) 1,2,4-Trichlorobenzene	15.835	180	36958	18.007	ug/l	98
90) Hexachlorobutadiene	15.500	225	14101	17.056	ug/l	97
91) Naphthalene	15.635	128	132898	18.086	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	36958	18.007	ug/l	98

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

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Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

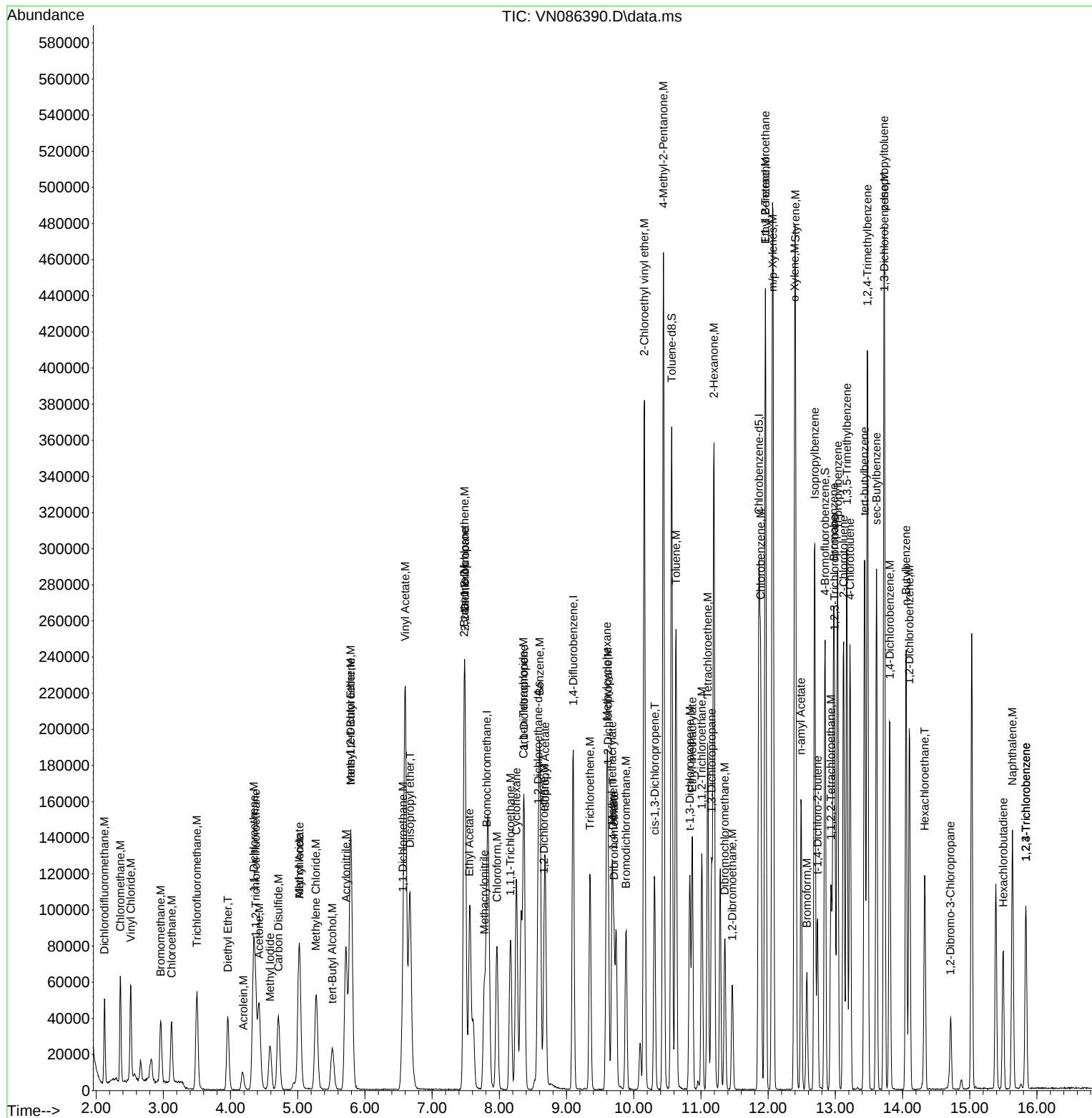
Manual Integrations

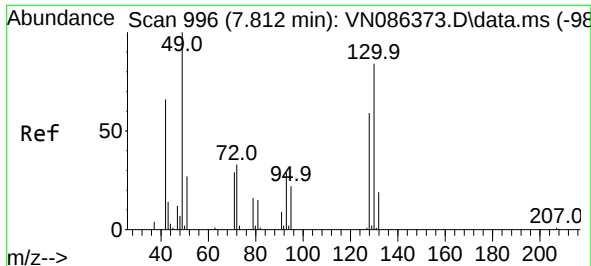
APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
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QLast Update : Thu Apr 24 04:42:24 2025
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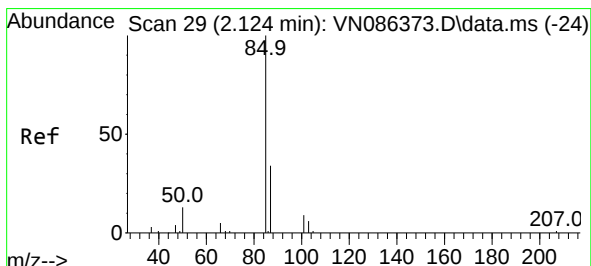
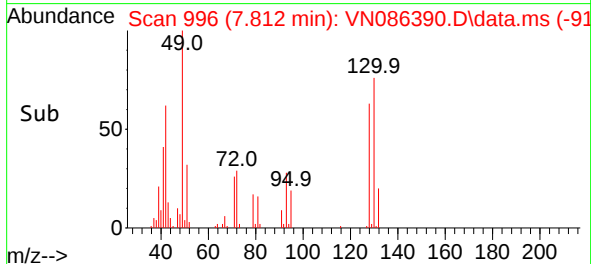
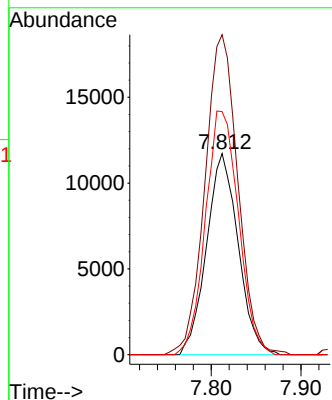
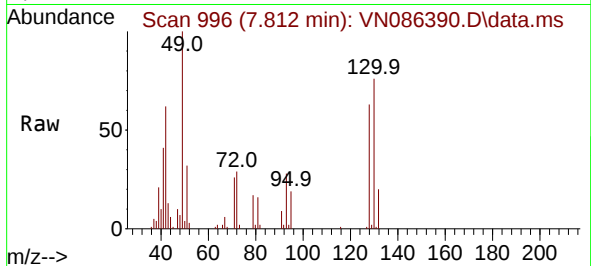
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 128 Resp: 28689
Ion Ratio Lower Upper
128 100
49 165.7 0.0 433.8
130 127.0 0.0 325.0

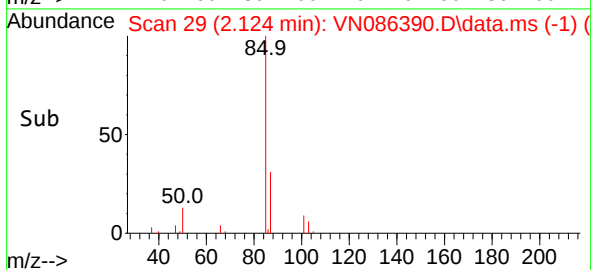
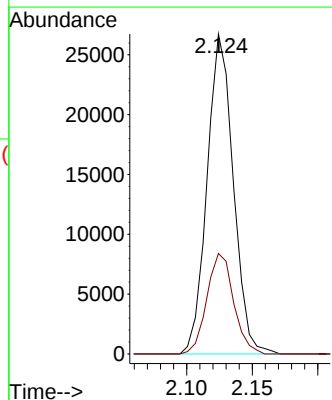
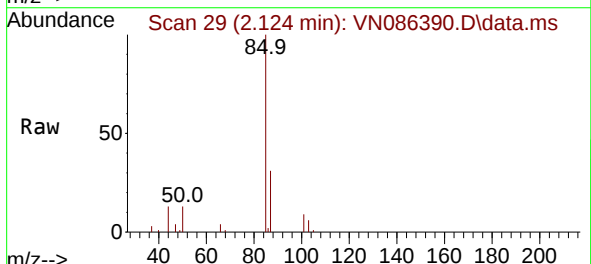
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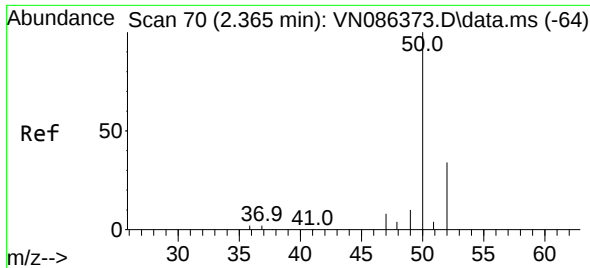
Reviewed By : John Carlone 04/24/2025
Supervised By : Mahesh Dadoda 04/25/2025



#2
Dichlorodifluoromethane
Concen: 18.789 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Tgt Ion: 85 Resp: 37214
Ion Ratio Lower Upper
85 100
87 31.4 17.0 50.9





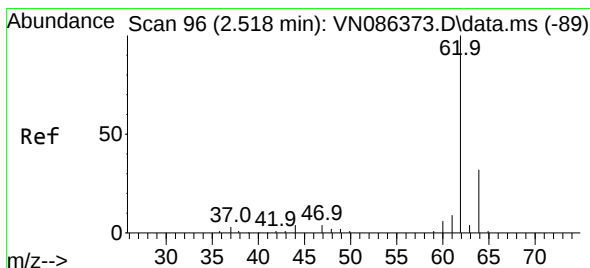
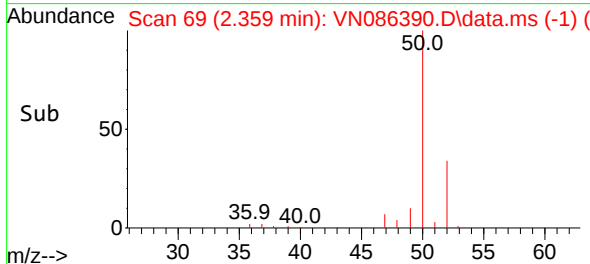
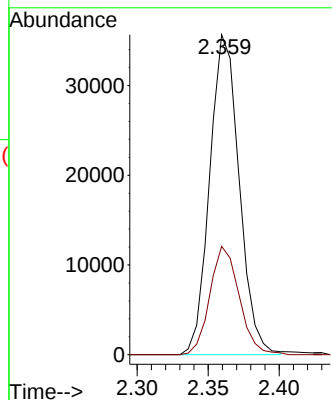
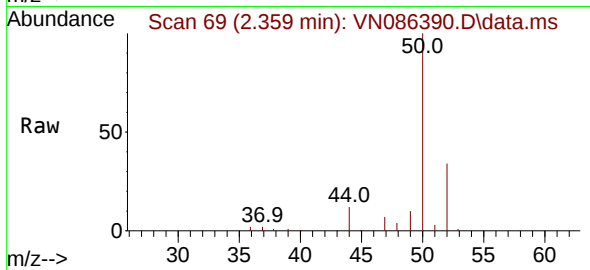
#3
Chloromethane
Concen: 18.297 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 51479
Ion Ratio Lower Upper
50 100
52 33.9 27.3 40.9

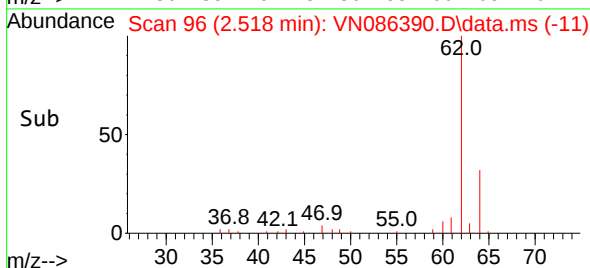
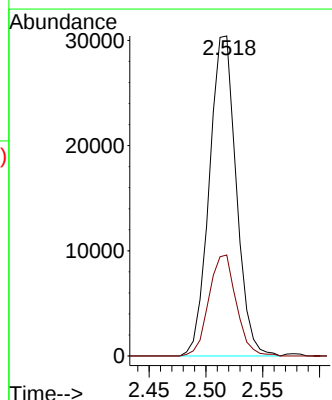
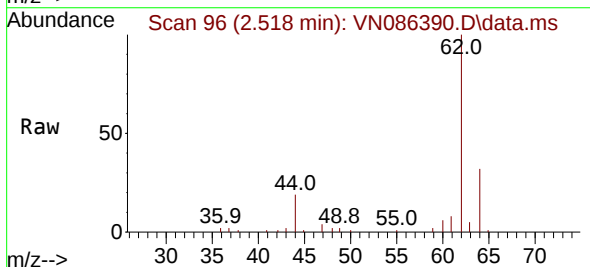
Manual Integrations
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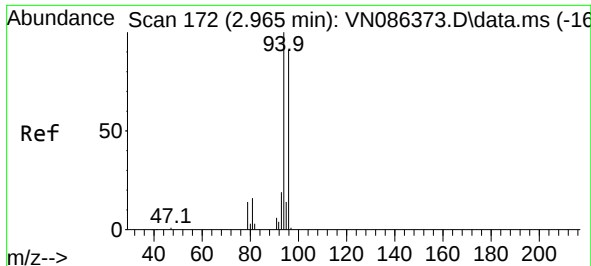
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#4
Vinyl Chloride
Concen: 18.636 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

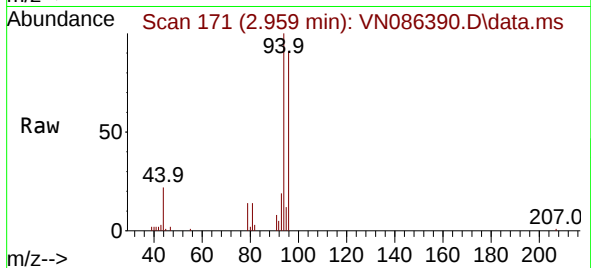
Tgt Ion: 62 Resp: 50217
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.8





#5
Bromomethane
Concen: 19.842 ug/l
RT: 2.959 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

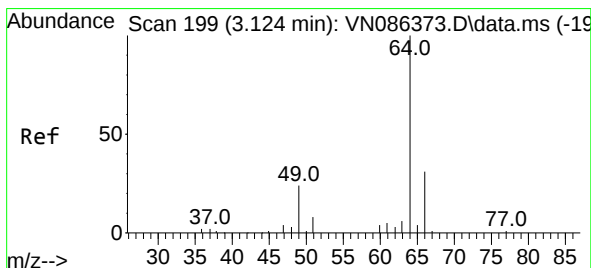
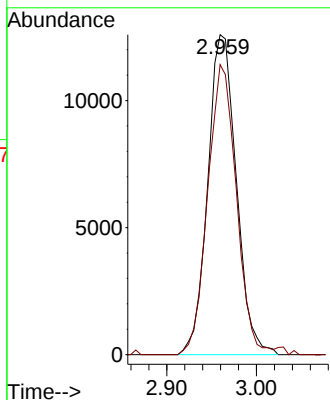
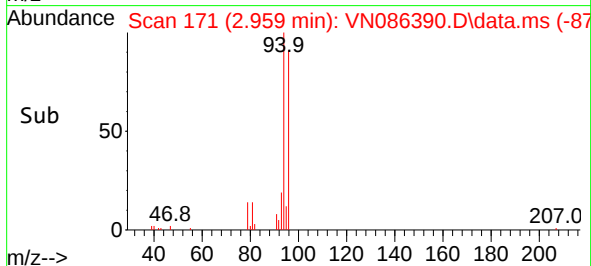
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 27915
Ion Ratio Lower Upper
94 100
96 90.7 72.4 108.6

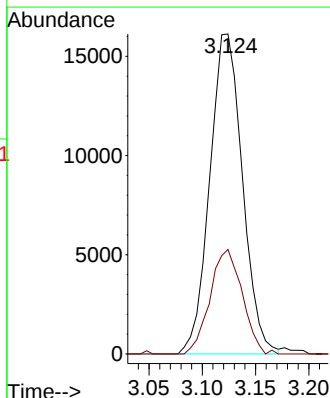
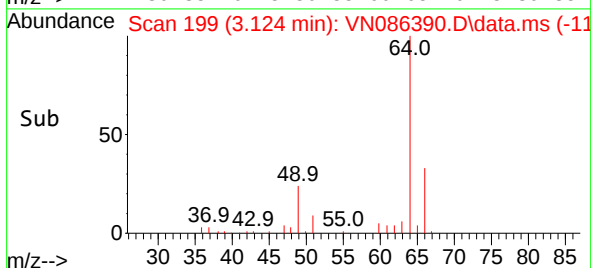
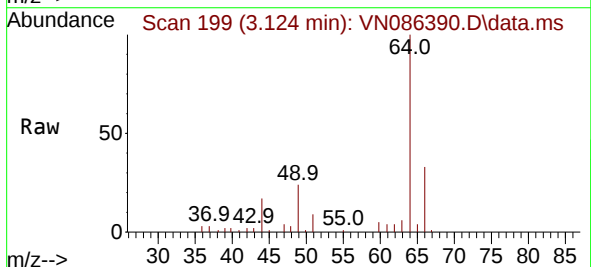
Manual Integrations
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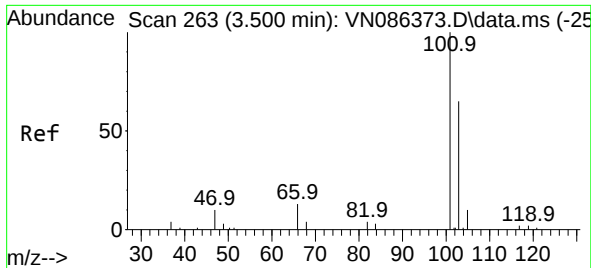
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#6
Chloroethane
Concen: 19.148 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

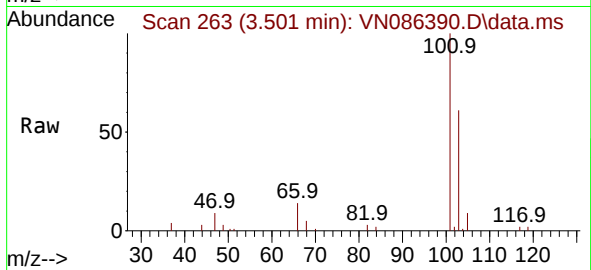
Tgt Ion: 64 Resp: 34399
Ion Ratio Lower Upper
64 100
66 32.7 24.5 36.7





#7
 Trichlorofluoromethane
 Concen: 18.548 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086390.D
 Acq: 23 Apr 2025 18:25

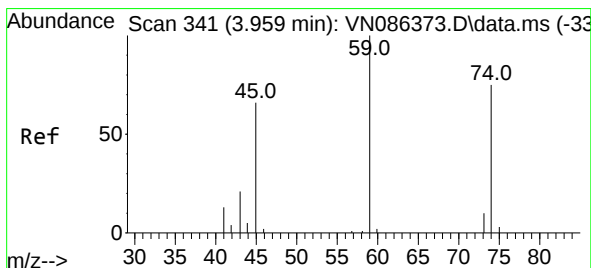
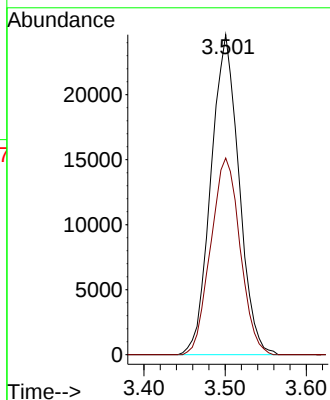
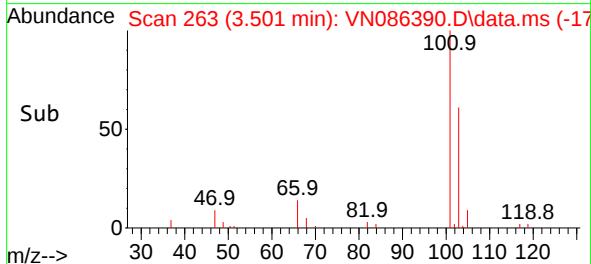
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:101 Resp: 58990
 Ion Ratio Lower Upper
 101 100
 103 61.5 51.8 77.6

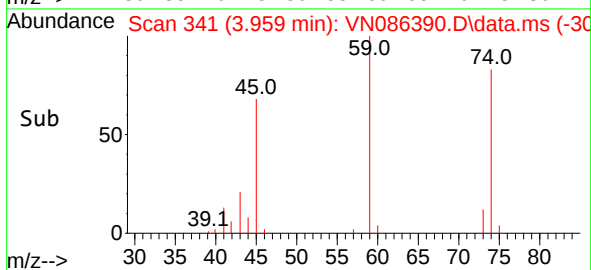
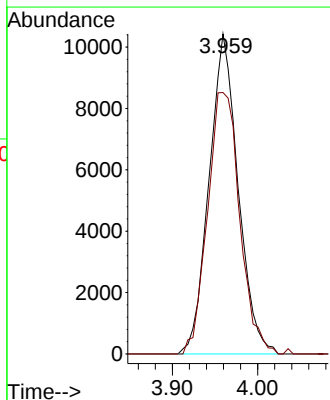
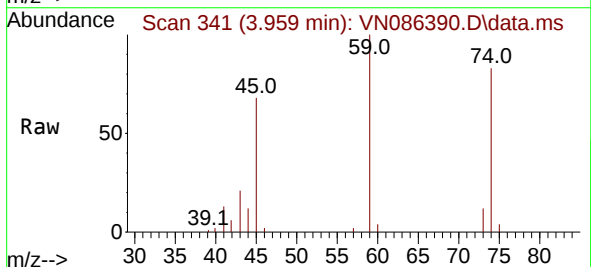
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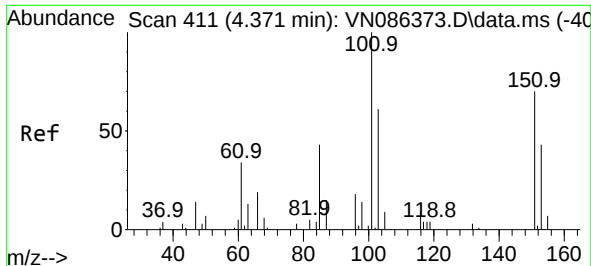
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#8
 Diethyl Ether
 Concen: 18.386 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086390.D
 Acq: 23 Apr 2025 18:25

Tgt Ion: 74 Resp: 24686
 Ion Ratio Lower Upper
 74 100
 45 90.4 18.5 166.3





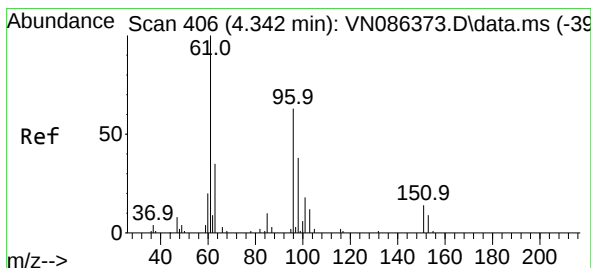
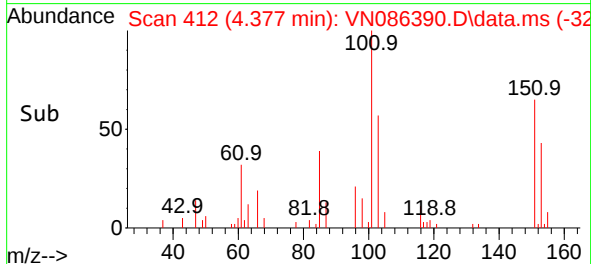
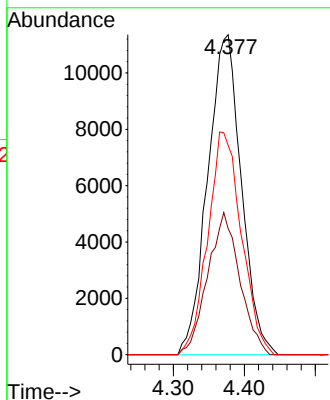
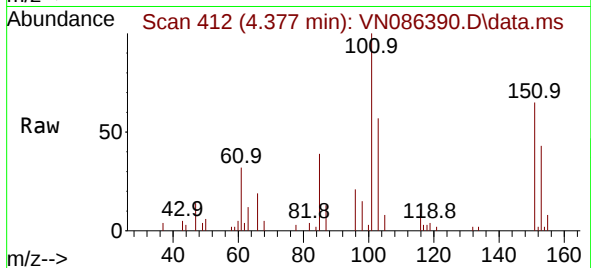
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.078 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 37300
Ion Ratio Lower Upper
101 100
85 42.5 0.0 84.4
151 69.7 0.0 145.8

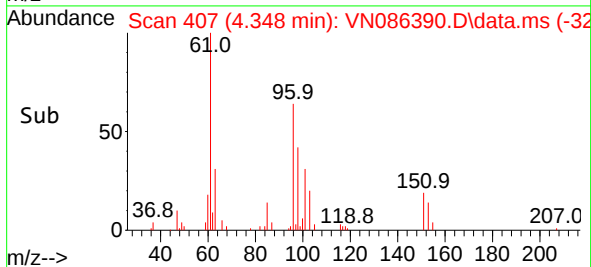
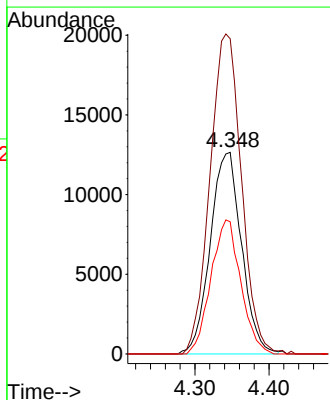
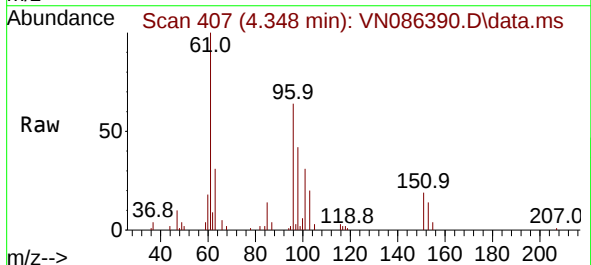
Manual Integrations
APPROVED

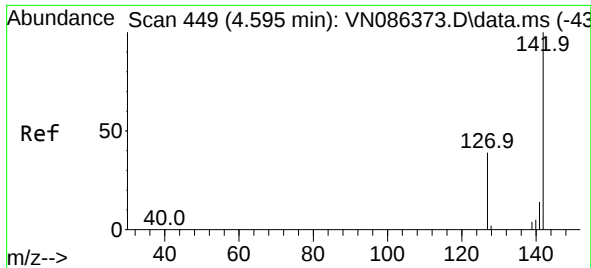
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#10
1,1-Dichloroethene
Concen: 18.524 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

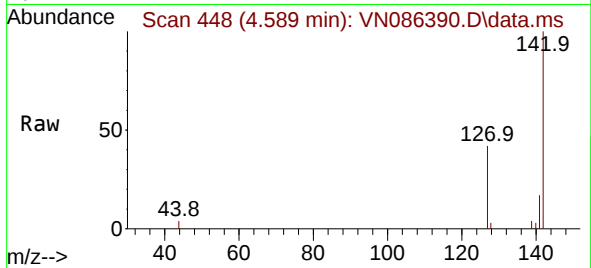
Tgt Ion: 96 Resp: 37075
Ion Ratio Lower Upper
96 100
61 156.3 126.2 189.4
98 65.6 48.5 72.7





#11
Methyl Iodide
Concen: 19.363 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

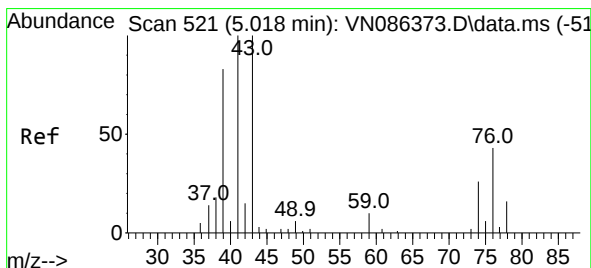
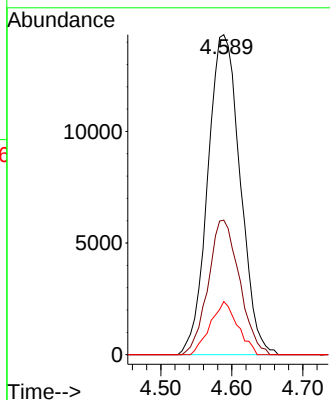
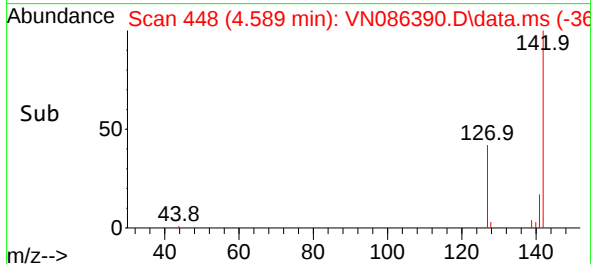
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 45349
Ion Ratio Lower Upper
142 100
127 42.1 19.3 57.9
141 16.6 7.1 21.3

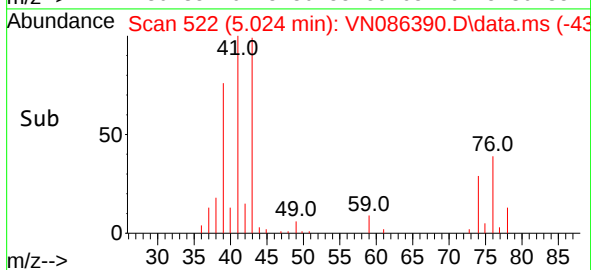
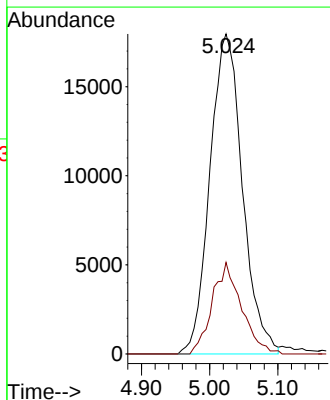
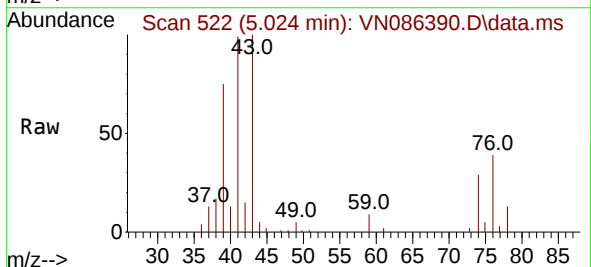
Manual Integrations
APPROVED

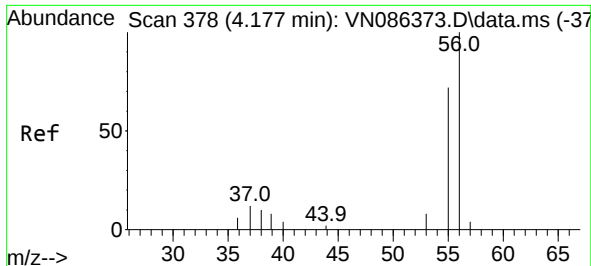
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#12
Methyl Acetate
Concen: 21.028 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Tgt Ion: 43 Resp: 59652
Ion Ratio Lower Upper
43 100
74 28.4 20.8 31.2





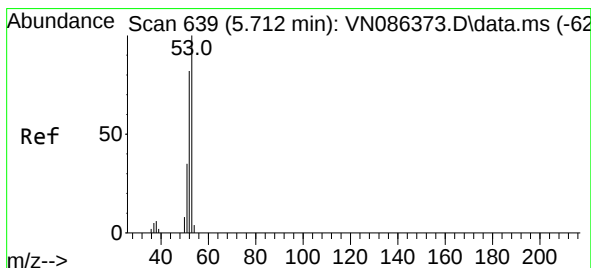
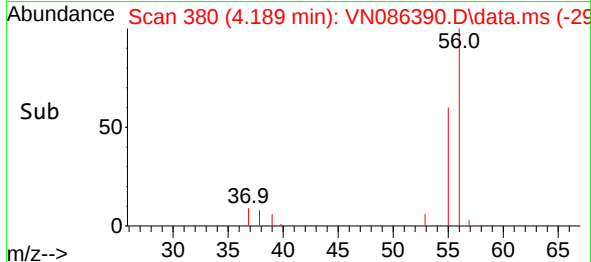
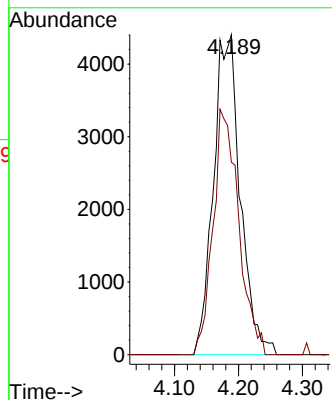
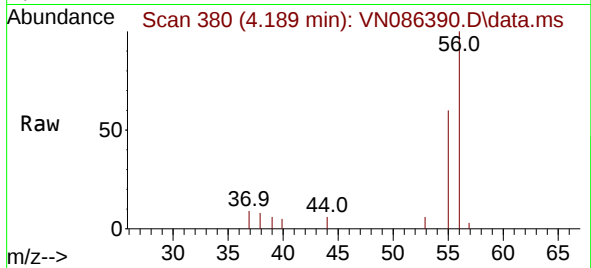
#13
Acrolein
Concen: 90.484 ug/l m
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 56 Resp: 1286
Ion Ratio Lower Upper
56 100
55 73.2 56.1 84.1

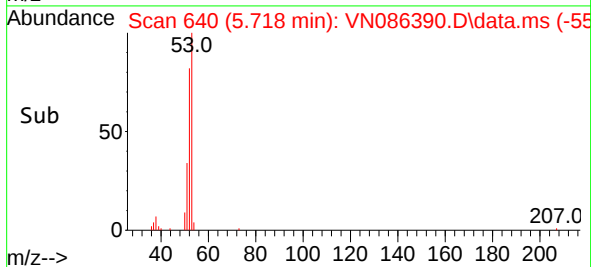
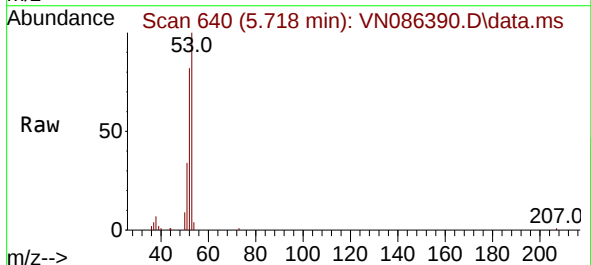
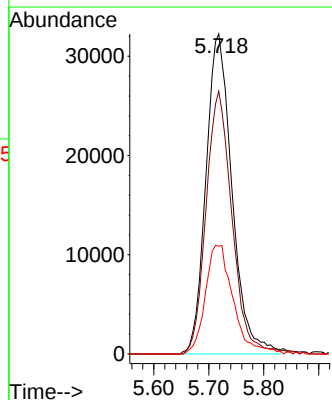
Manual Integrations
APPROVED

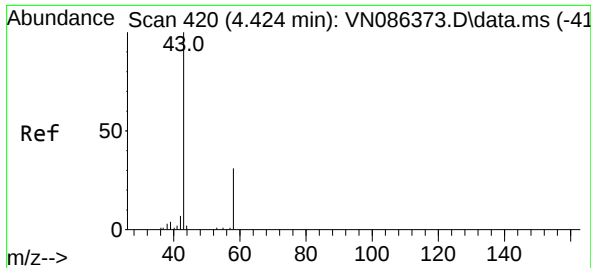
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#14
Acrylonitrile
Concen: 100.821 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Tgt Ion: 53 Resp: 106448
Ion Ratio Lower Upper
53 100
52 81.5 41.2 123.6
51 36.2 17.6 52.8





#15

Acetone

Concen: 94.445 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN086390.D

Acq: 23 Apr 2025 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 2747

Ion Ratio Lower Upper

58 100

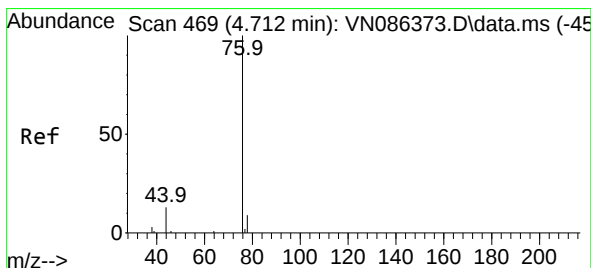
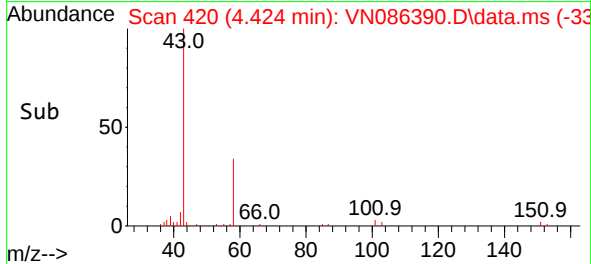
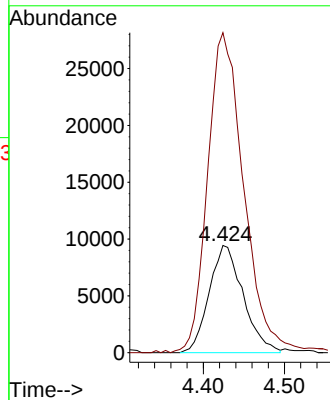
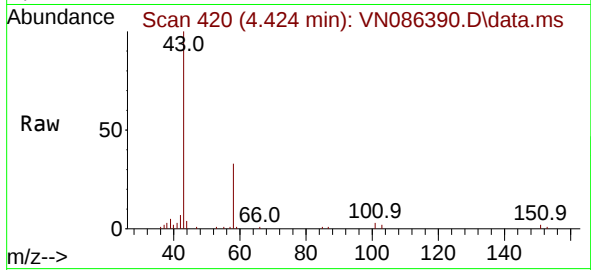
43 295.7 255.1 382.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#16

Carbon Disulfide

Concen: 18.155 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN086390.D

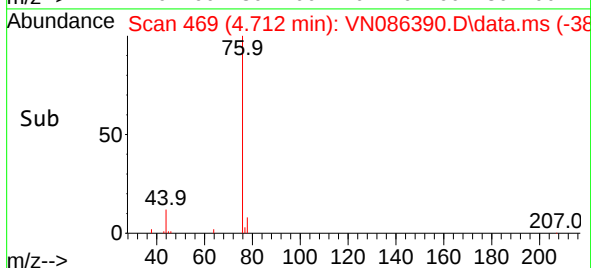
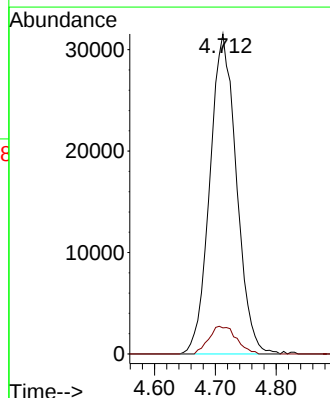
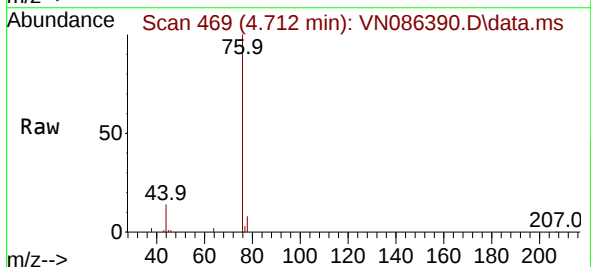
Acq: 23 Apr 2025 18:25

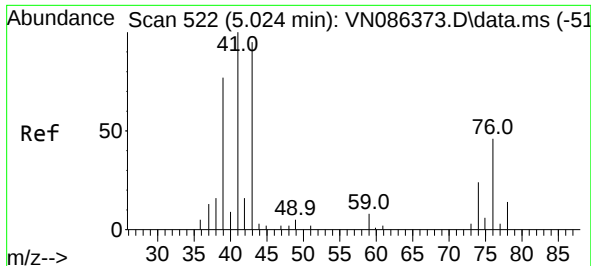
Tgt Ion: 76 Resp: 95745

Ion Ratio Lower Upper

76 100

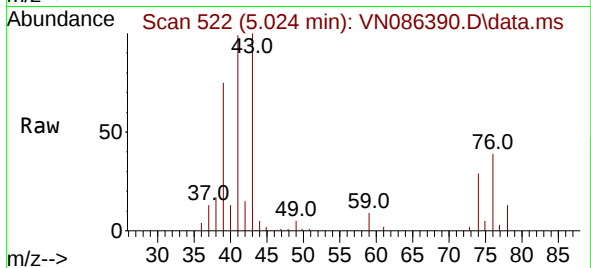
78 8.1 7.1 10.7





#17
Allyl chloride
Concen: 18.097 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

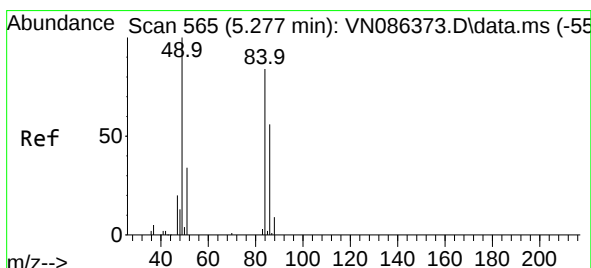
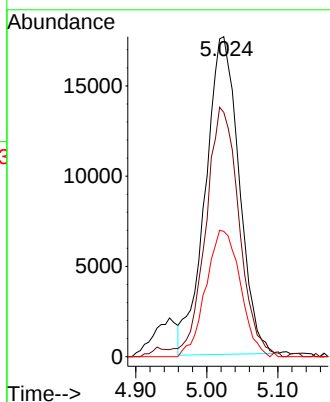
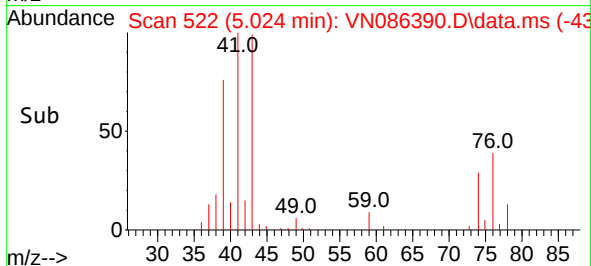
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 57910
Ion Ratio Lower Upper
41 100
39 75.7 36.7 110.1
76 39.6 21.8 65.4

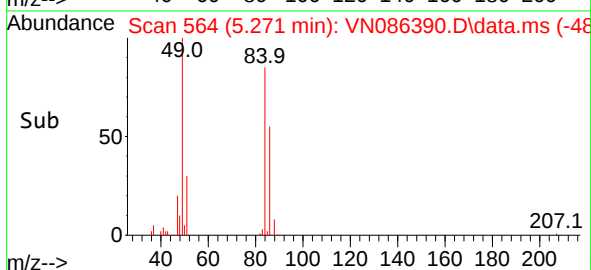
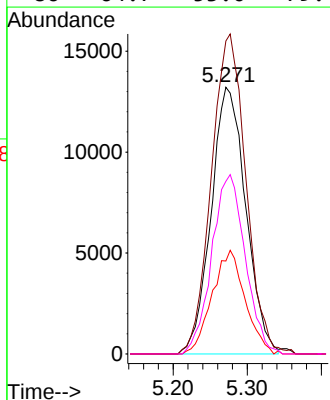
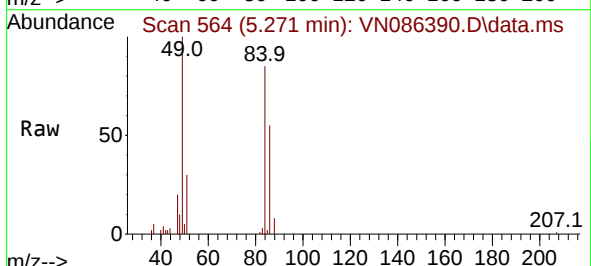
Manual Integrations
APPROVED

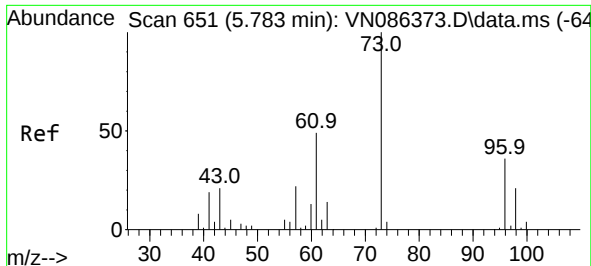
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#18
Methylene Chloride
Concen: 18.839 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

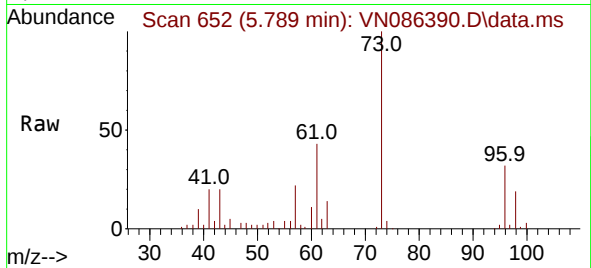
Tgt Ion: 84 Resp: 42940
Ion Ratio Lower Upper
84 100
49 117.3 95.4 143.0
51 34.8 32.8 49.2
86 64.7 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 18.465 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

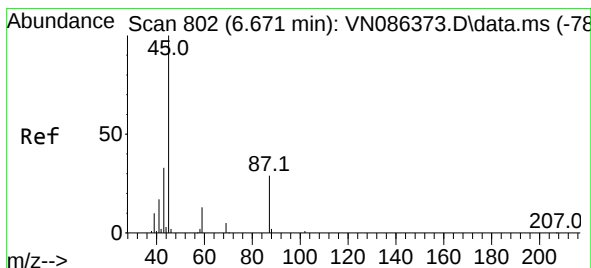
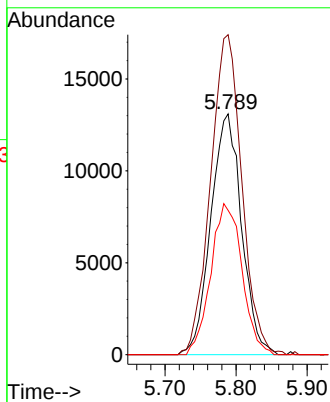
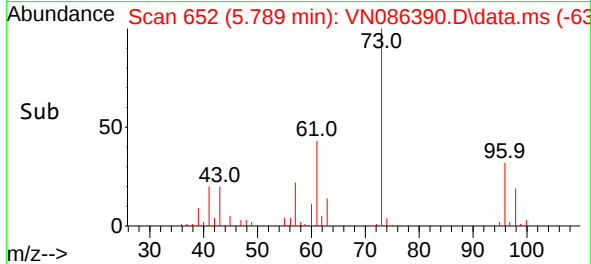
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 3939
Ion Ratio Lower Upper
96 100
61 132.9 107.3 160.9
98 59.9 46.7 70.1

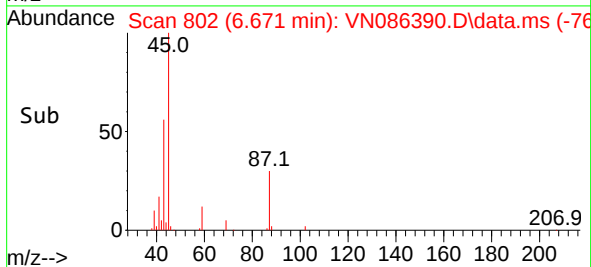
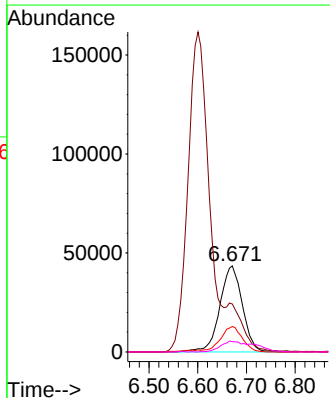
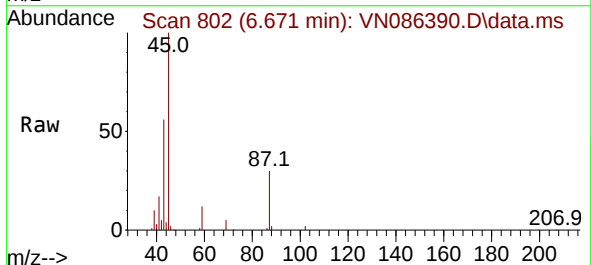
Manual Integrations
APPROVED

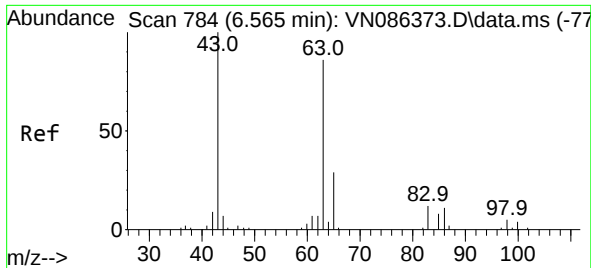
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#20
Diisopropyl ether
Concen: 18.376 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Tgt Ion: 45 Resp: 139823
Ion Ratio Lower Upper
45 100
43 54.6 38.8 58.2
87 29.5 23.5 35.3
59 11.8 10.0 15.0





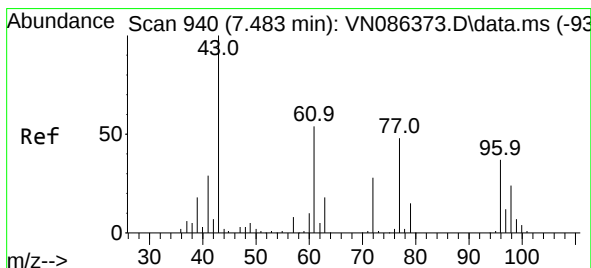
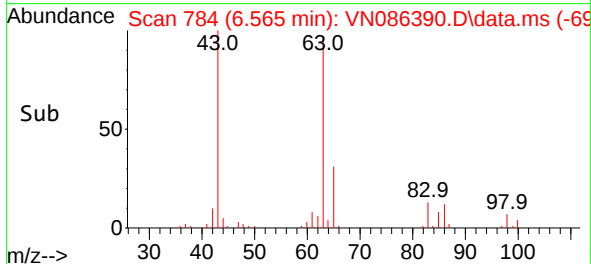
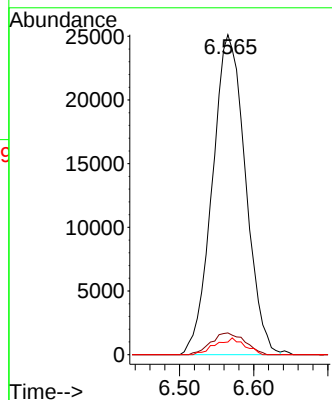
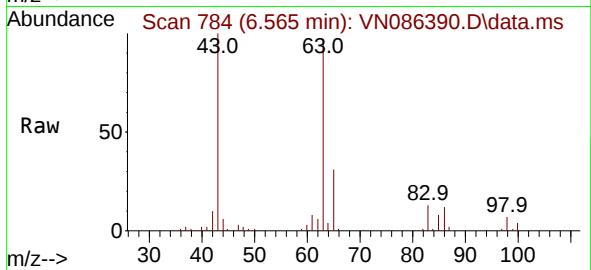
#21
1,1-Dichloroethane
Concen: 18.697 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 7787
Ion Ratio Lower Upper
63 100
98 6.8 3.0 9.2
100 4.0 2.3 6.8

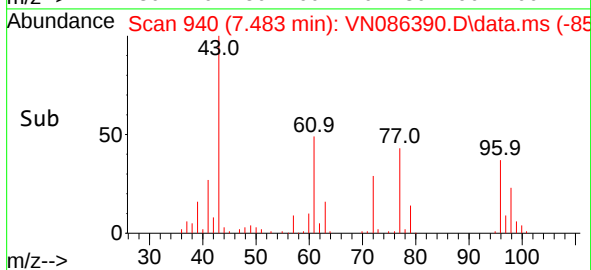
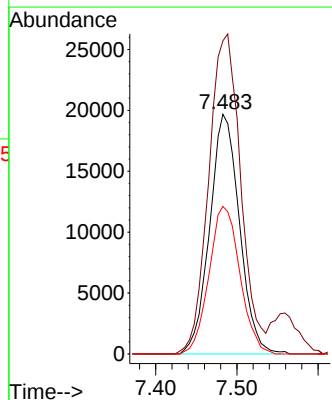
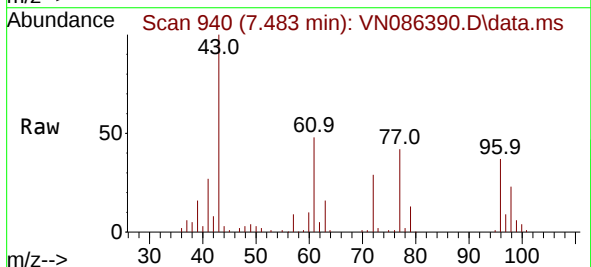
Manual Integrations
APPROVED

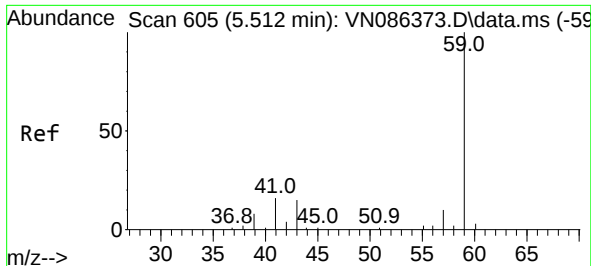
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#22
cis-1,2-Dichloroethene
Concen: 18.811 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

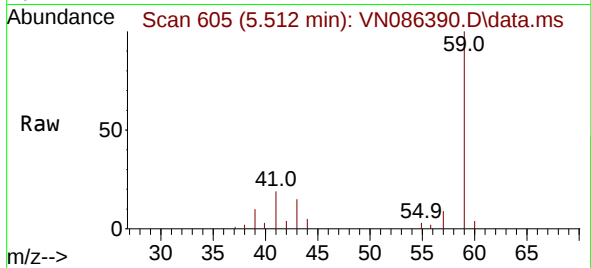
Tgt Ion: 96 Resp: 50177
Ion Ratio Lower Upper
96 100
61 143.3 120.6 181.0
98 63.8 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 113.674 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

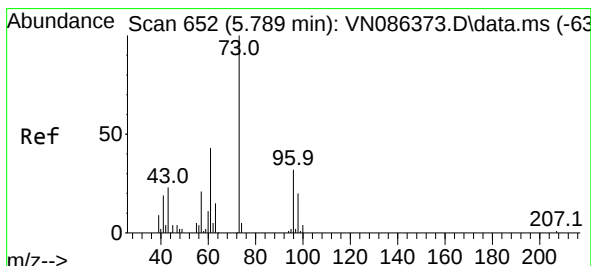
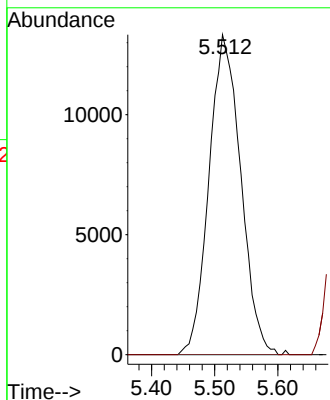
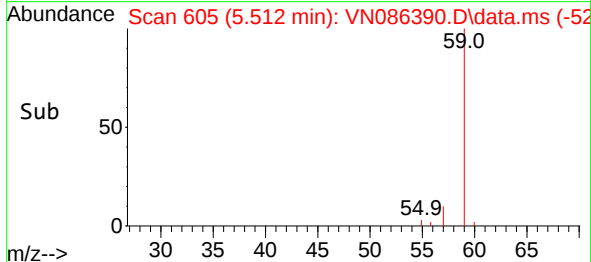
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



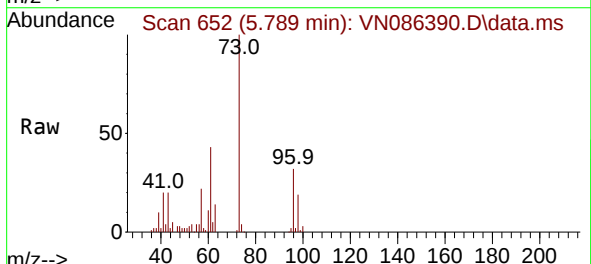
Tgt Ion: 59 Resp: 4649
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

Manual Integrations
APPROVED

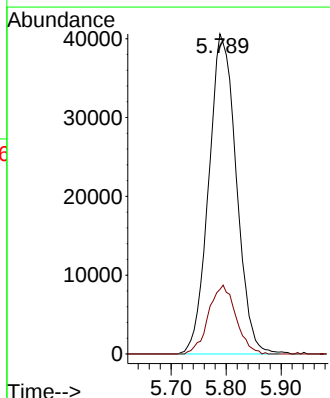
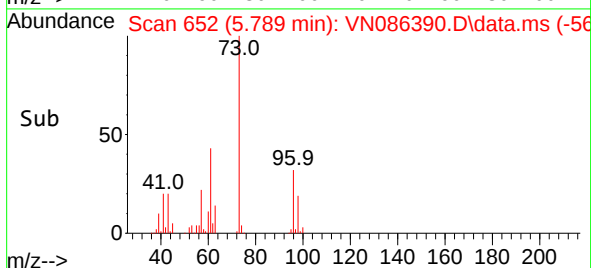
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

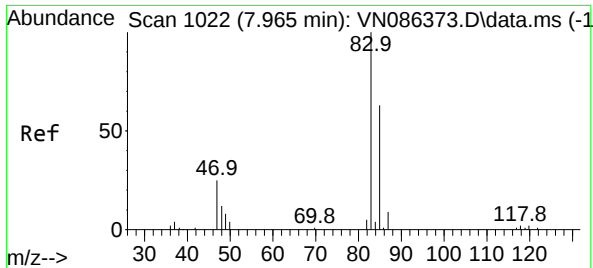


#24
Methyl tert-Butyl Ether
Concen: 19.145 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25



Tgt Ion: 73 Resp: 141568
Ion Ratio Lower Upper
73 100
43 21.3 17.1 25.7





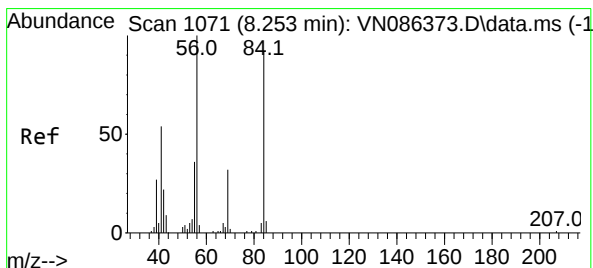
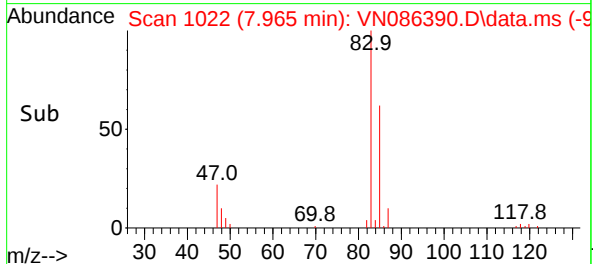
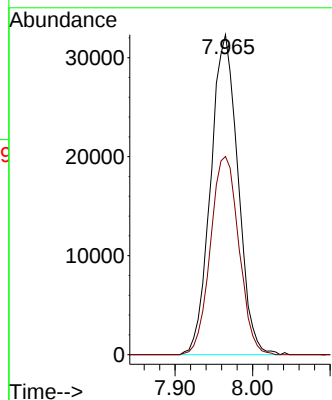
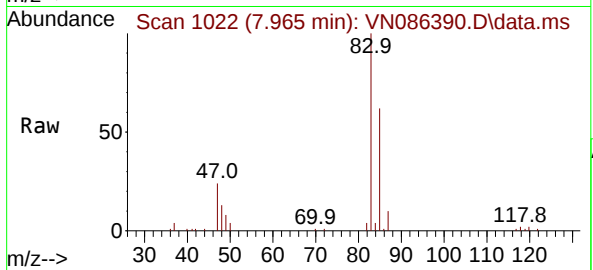
#25
Chloroform
Concen: 18.785 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 7918
Ion Ratio Lower Upper
83 100
85 61.9 50.2 75.2

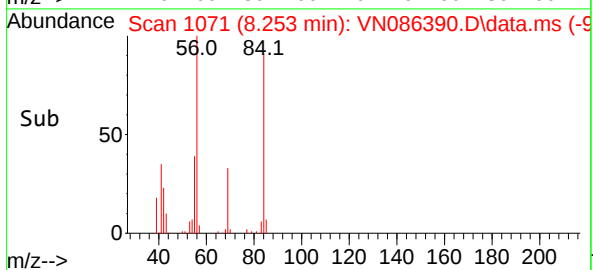
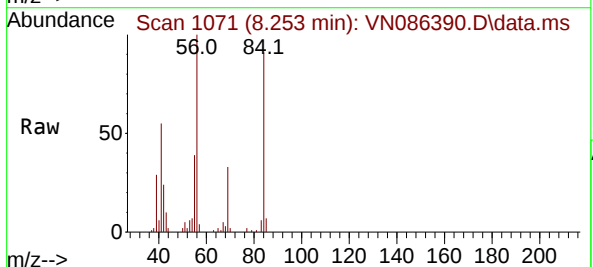
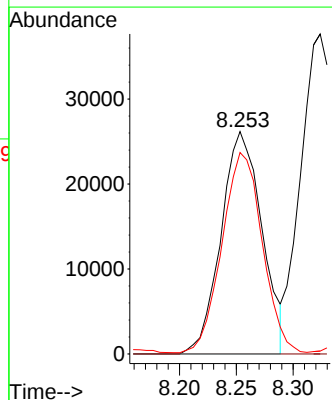
Manual Integrations
APPROVED

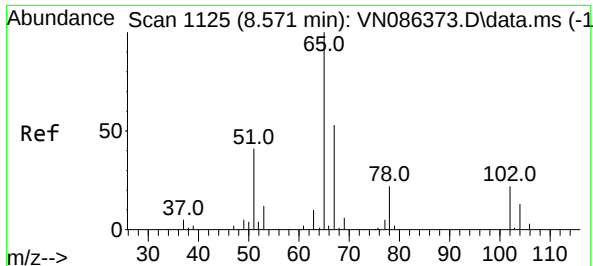
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#26
Cyclohexane
Concen: 17.829 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Tgt Ion: 56 Resp: 65568
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.9 71.5 107.3





#27
1,2-Dichloroethane-d4
Concen: 29.063 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Instrument :

MSVOA_N

ClientSampleId :

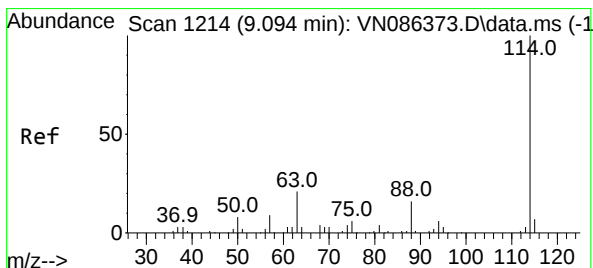
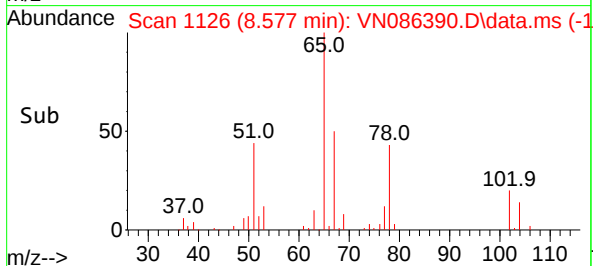
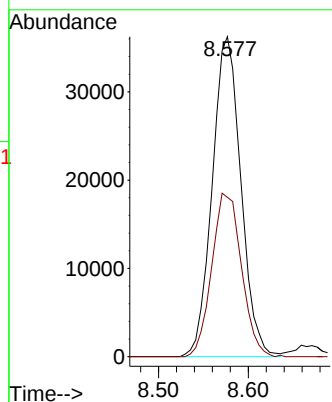
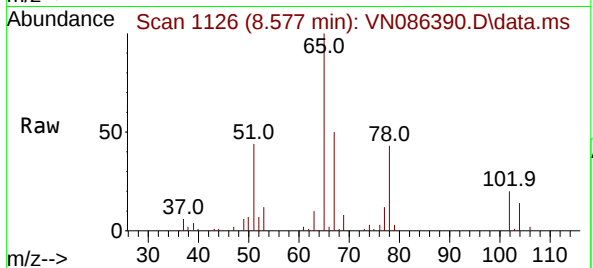
VSTDCCC020EC

Tgt Ion: 65 Resp: 8038
Ion Ratio Lower Upper
65 100
67 52.9 42.5 63.7

Manual Integrations

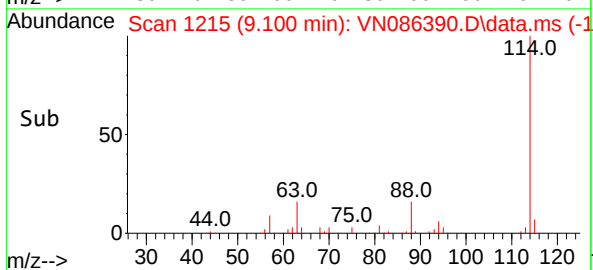
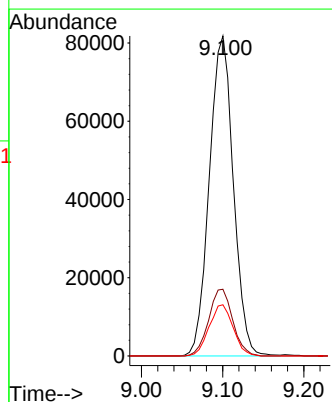
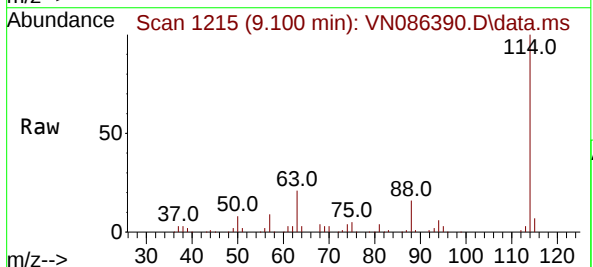
APPROVED

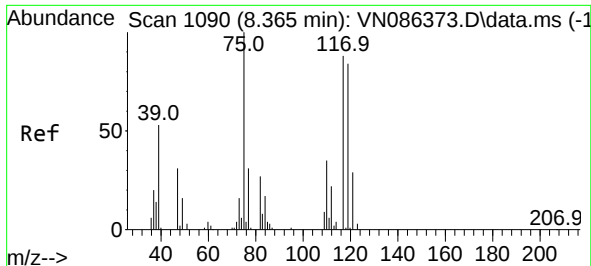
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Tgt Ion:114 Resp: 168285
Ion Ratio Lower Upper
114 100
63 20.9 16.7 25.1
88 16.0 12.6 19.0





#29

1,1-Dichloropropene

Concen: 18.645 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN086390.D

Acq: 23 Apr 2025 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

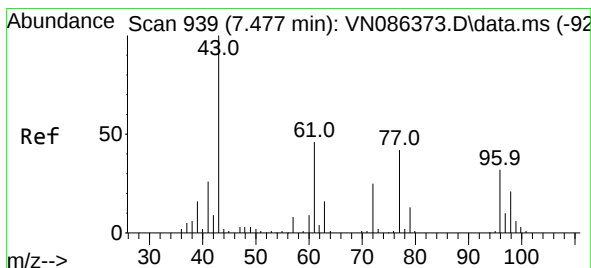
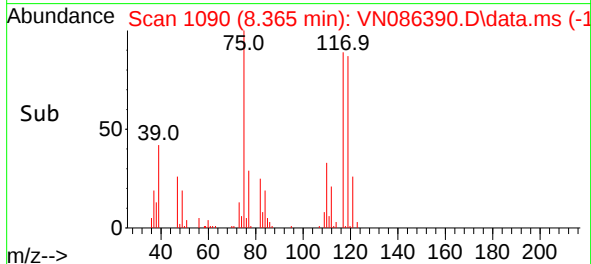
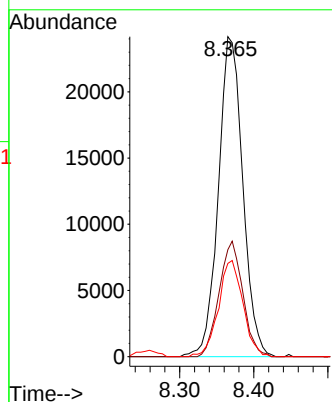
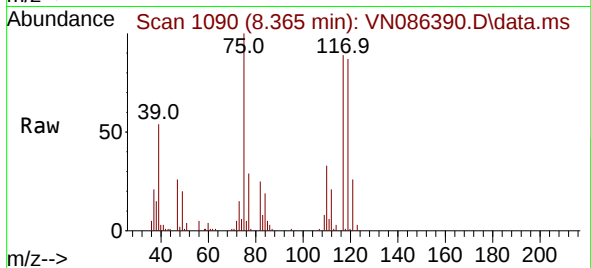
Tgt Ion:	75	Resp:	5531
Ion Ratio	Lower	Upper	
75	100		
110	35.1	0.0	68.0
77	30.1	0.0	61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#30

2-Butanone

Concen: 99.118 ug/l

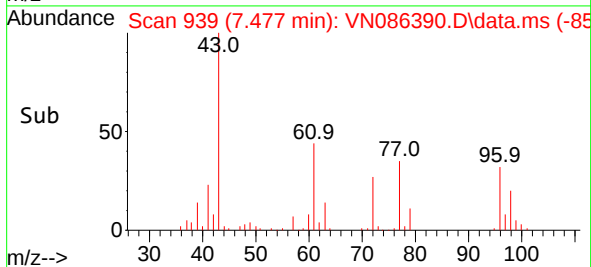
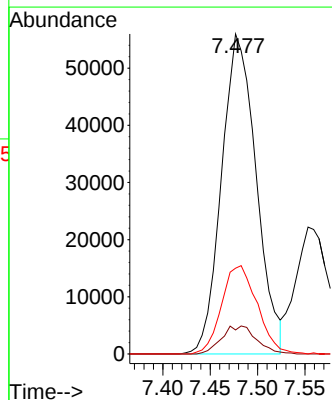
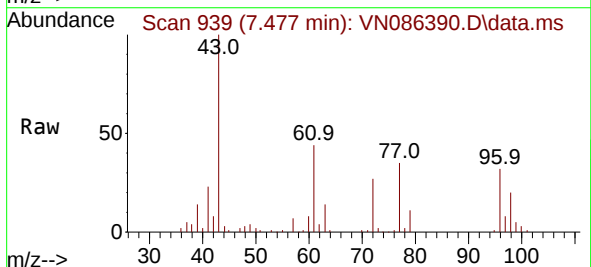
RT: 7.477 min Scan# 939

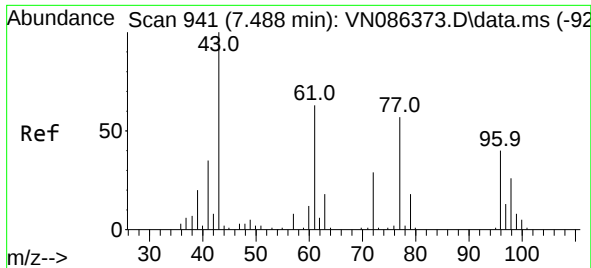
Delta R.T. 0.000 min

Lab File: VN086390.D

Acq: 23 Apr 2025 18:25

Tgt Ion:	43	Resp:	142726
Ion Ratio	Lower	Upper	
43	100		
57	4.1	6.6	10.0#
72	28.3	22.2	33.4





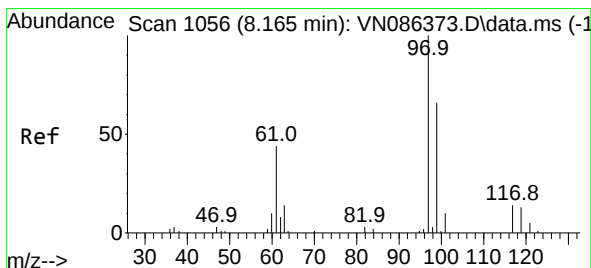
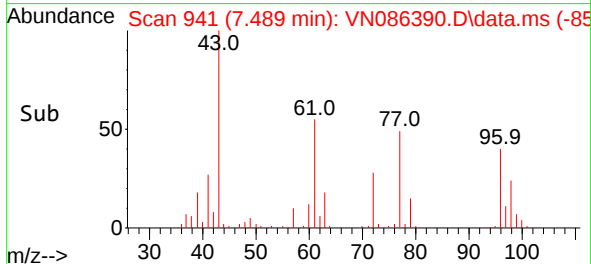
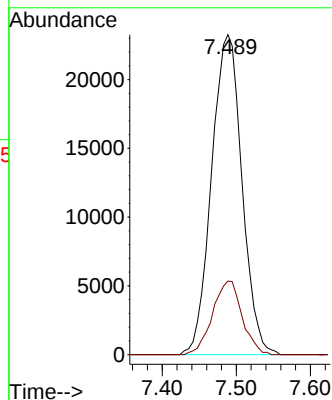
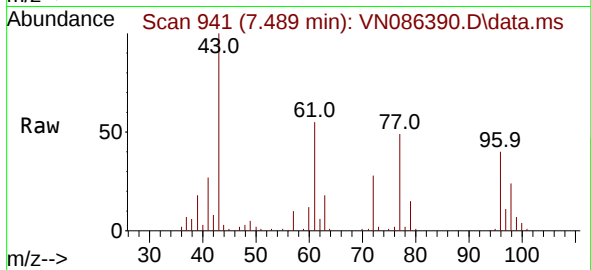
#31
2,2-Dichloropropane
Concen: 17.382 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 66289
Ion Ratio Lower Upper
77 100
97 22.4 18.2 27.2

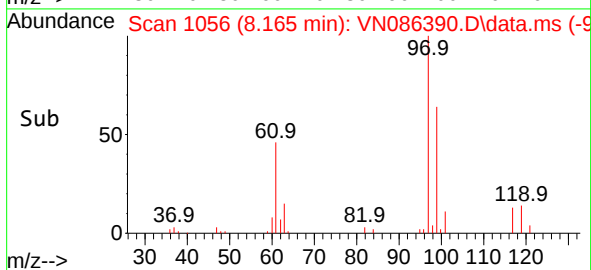
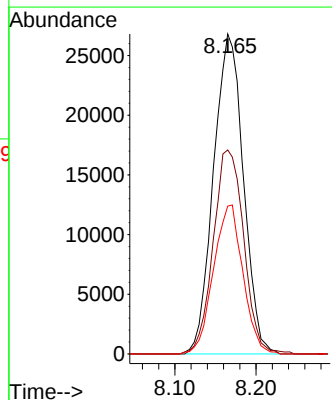
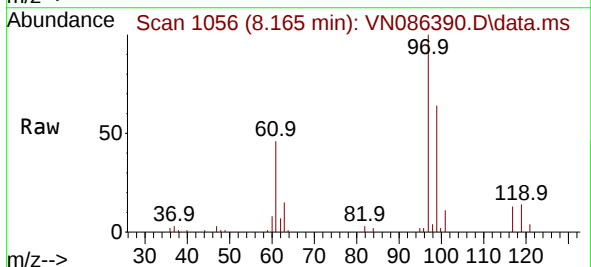
Manual Integrations
APPROVED

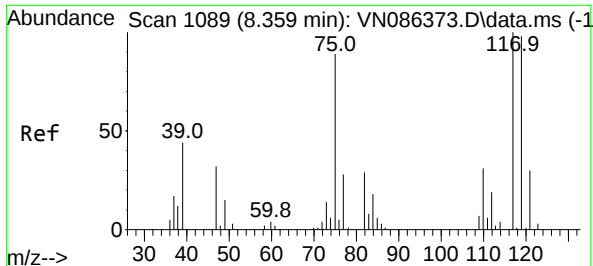
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#32
1,1,1-Trichloroethane
Concen: 19.340 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

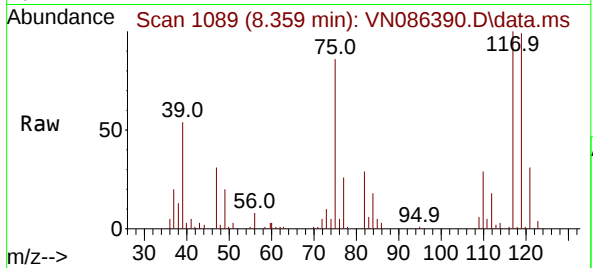
Tgt Ion: 97 Resp: 68565
Ion Ratio Lower Upper
97 100
99 65.1 52.6 79.0
61 45.9 36.4 54.6





#33
Carbon Tetrachloride
Concen: 18.749 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

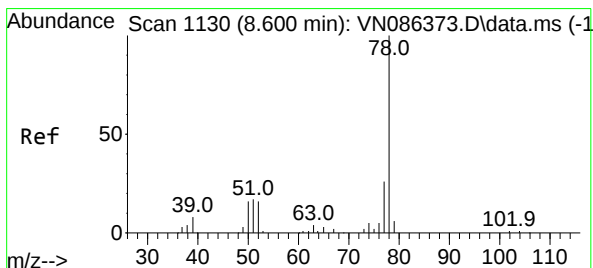
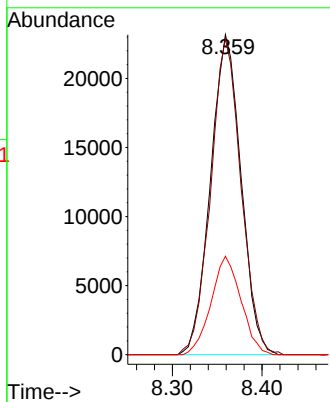
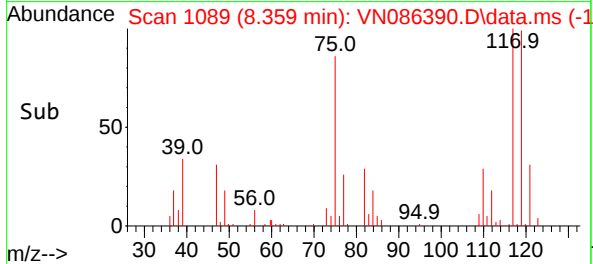
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



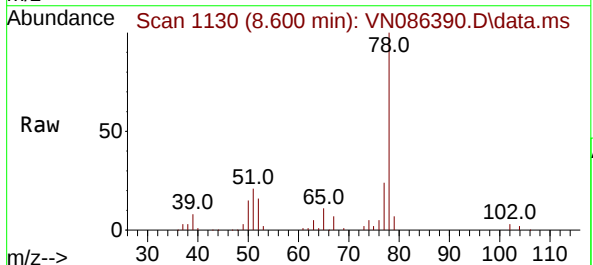
Tgt Ion:117 Resp: 5471
Ion Ratio Lower Upper
117 100
119 98.8 78.6 117.8
121 30.7 24.0 36.0

Manual Integrations
APPROVED

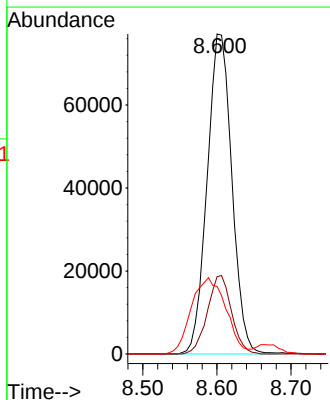
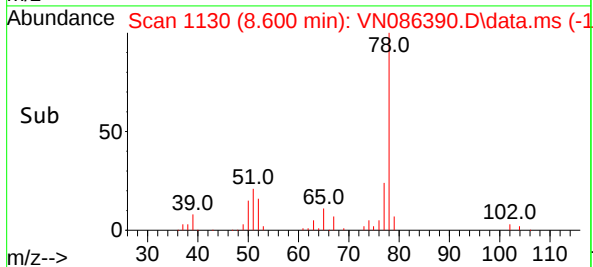
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

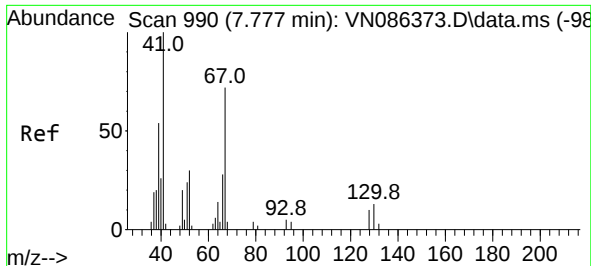


#34
Benzene
Concen: 18.946 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25



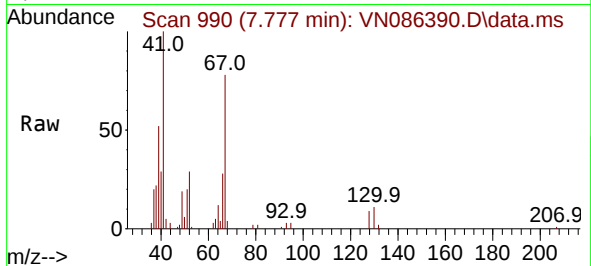
Tgt Ion: 78 Resp: 178778
Ion Ratio Lower Upper
78 100
77 24.1 20.8 31.2
51 19.3 14.0 21.0





#35
Methacrylonitrile
Concen: 20.014 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

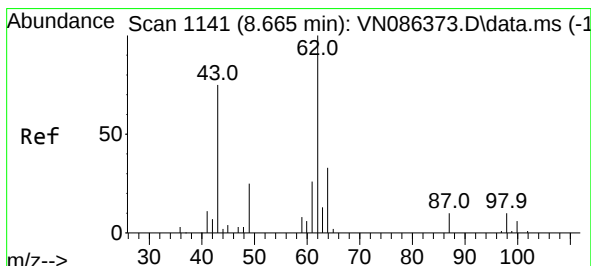
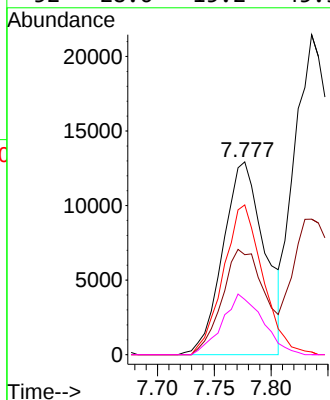
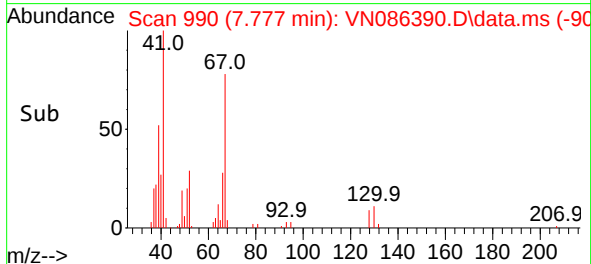
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



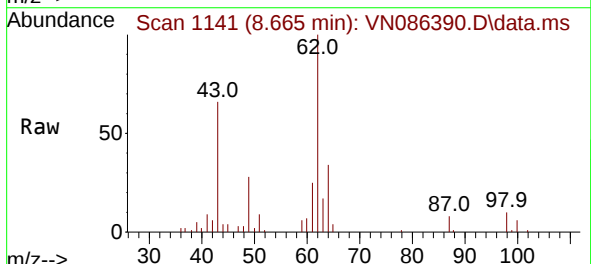
Tgt Ion: 41 Resp: 3287
Ion Ratio Lower Upper
41 100
39 51.9 27.0 80.8
67 77.7 35.8 107.3
52 28.6 15.2 45.5

Manual Integrations
APPROVED

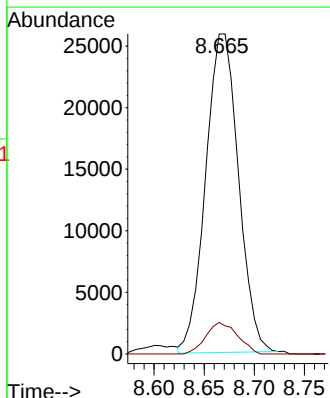
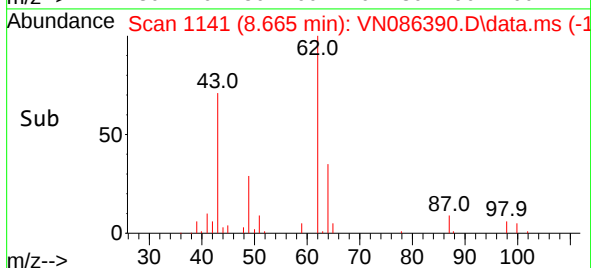
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

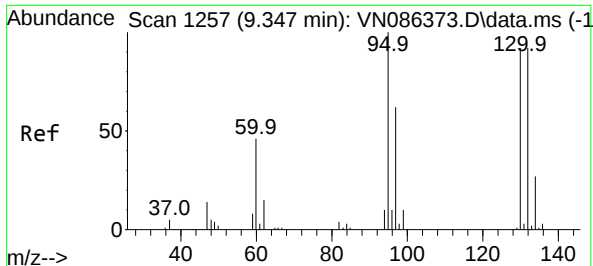


#36
1,2-Dichloroethane
Concen: 19.252 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25



Tgt Ion: 62 Resp: 58981
Ion Ratio Lower Upper
62 100
98 9.5 7.6 11.4





#37

Trichloroethene

Concen: 18.408 ug/l

RT: 9.347 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086390.D

Acq: 23 Apr 2025 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 4348

Ion Ratio Lower Upper

130 100

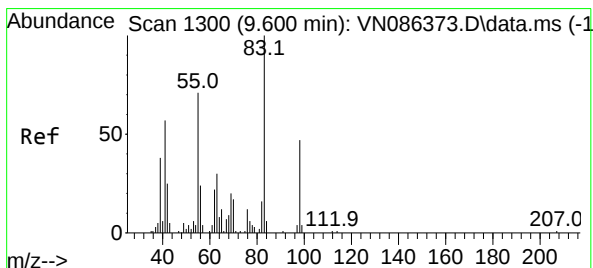
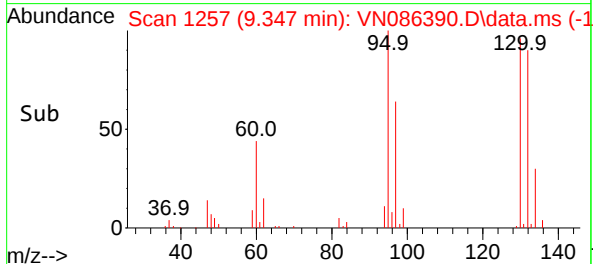
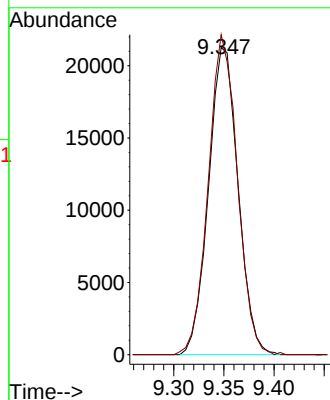
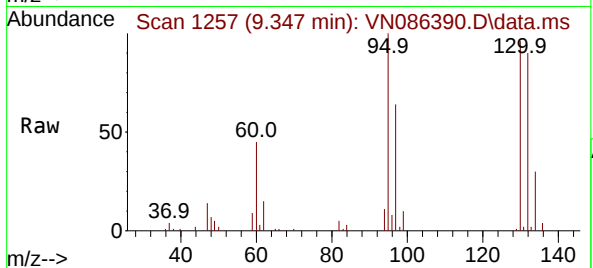
95 103.5 86.6 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#38

Methylcyclohexane

Concen: 18.222 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN086390.D

Acq: 23 Apr 2025 18:25

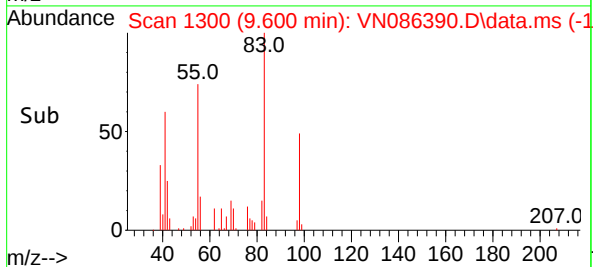
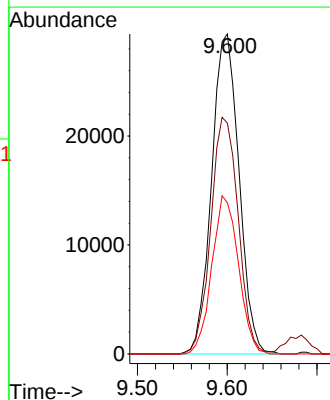
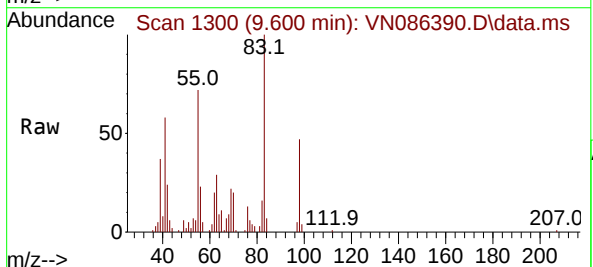
Tgt Ion: 83 Resp: 62437

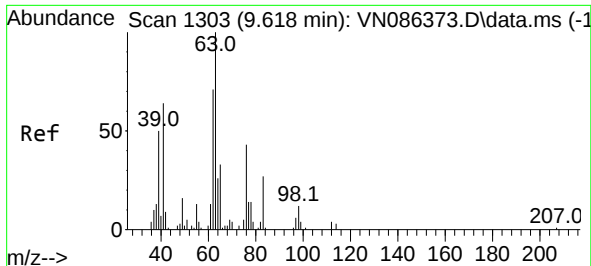
Ion Ratio Lower Upper

83 100

55 73.9 37.3 111.9

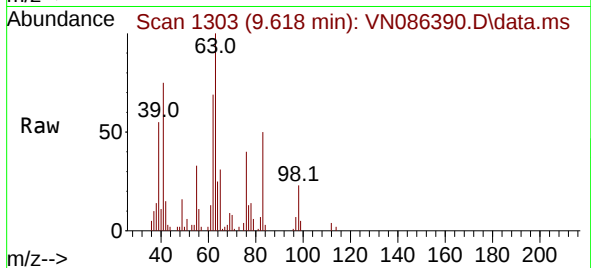
98 47.9 23.8 71.5





#39
1,2-Dichloropropane
Concen: 18.754 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

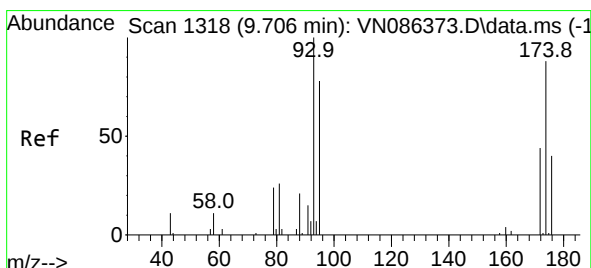
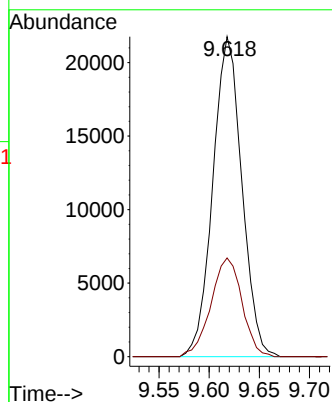
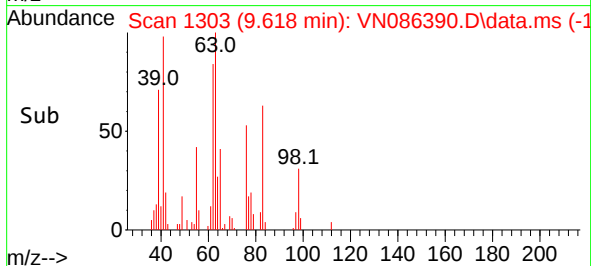
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



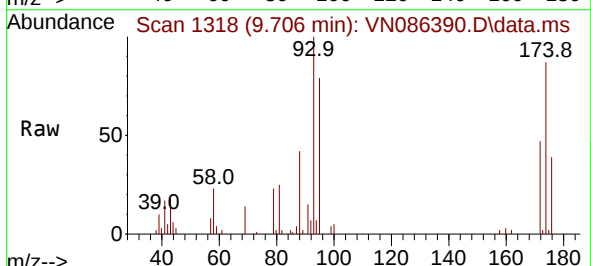
Tgt Ion: 63 Resp: 43718
Ion Ratio Lower Upper
63 100
65 30.9 26.7 40.1

Manual Integrations
APPROVED

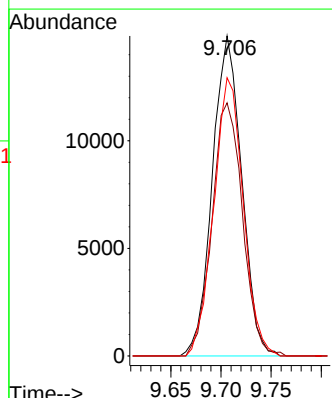
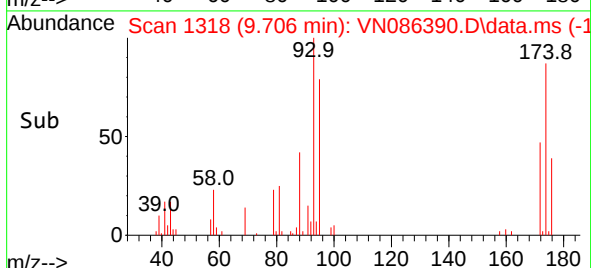
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

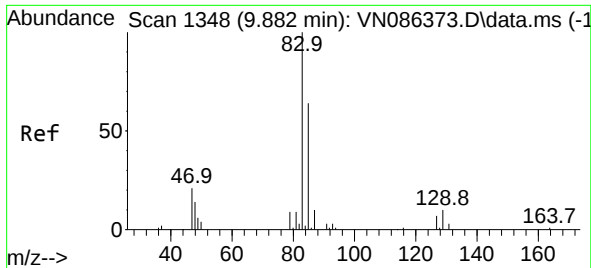


#40
Dibromomethane
Concen: 19.432 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25



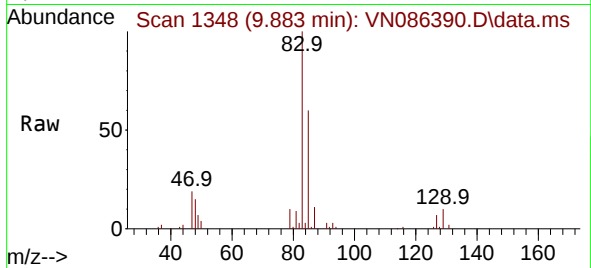
Tgt Ion: 93 Resp: 30294
Ion Ratio Lower Upper
93 100
95 82.0 0.0 159.2
174 87.5 0.0 171.4





#41
Bromodichloromethane
Concen: 19.298 ug/l
RT: 9.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

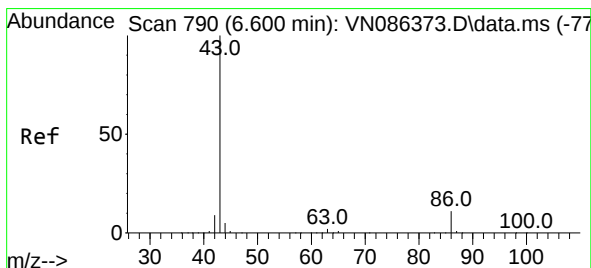
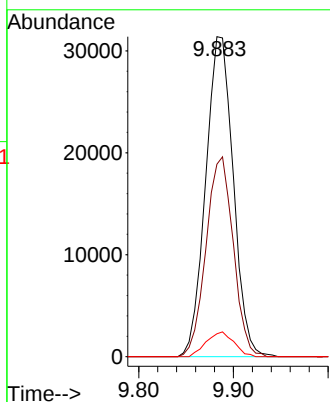
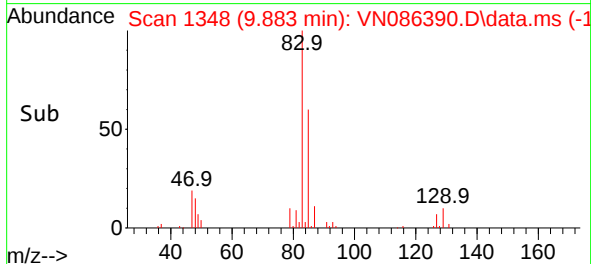
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 6366
Ion Ratio Lower Upper
83 100
85 60.1 51.1 76.7
127 7.2 5.9 8.9

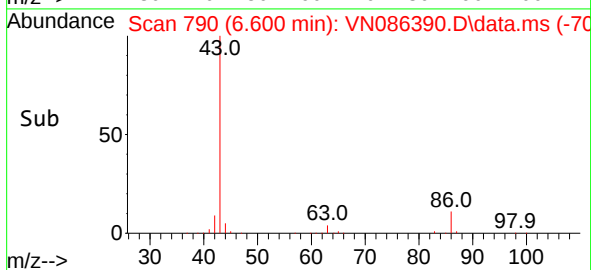
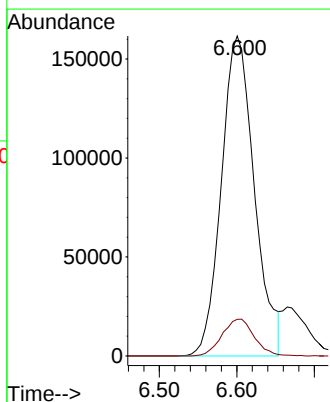
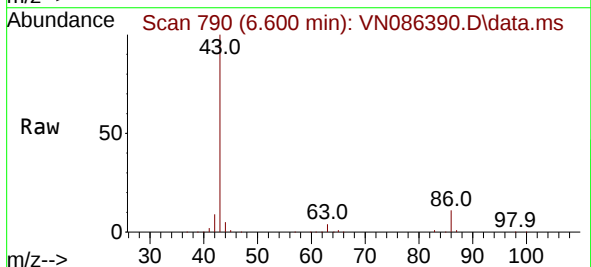
Manual Integrations
APPROVED

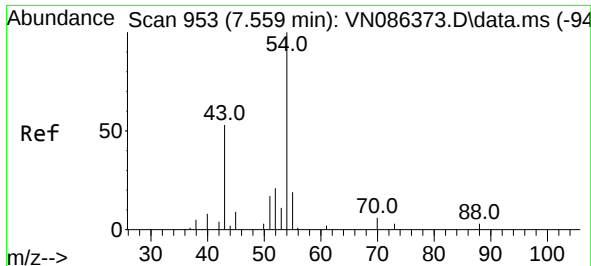
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#42
Vinyl Acetate
Concen: 96.214 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Tgt Ion: 43 Resp: 479933
Ion Ratio Lower Upper
43 100
86 11.2 8.9 13.3





#43

Ethyl Acetate

Concen: 20.028 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086390.D

Acq: 23 Apr 2025 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 5707

Ion Ratio Lower Upper

43 100

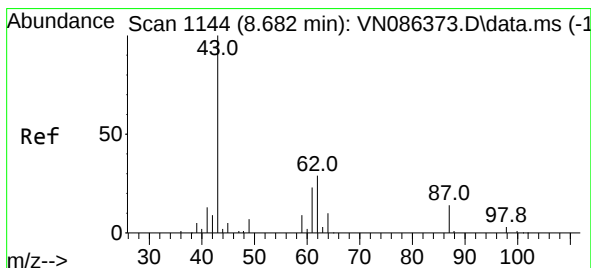
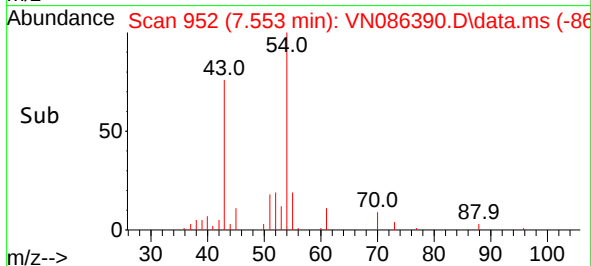
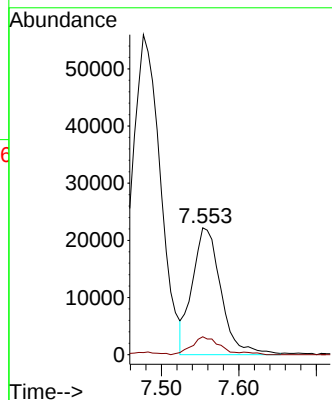
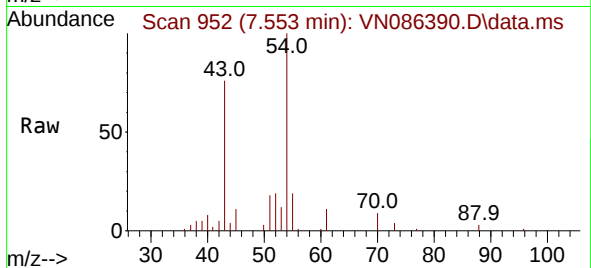
45 13.3 11.4 17.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#44

Isopropyl Acetate

Concen: 19.765 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN086390.D

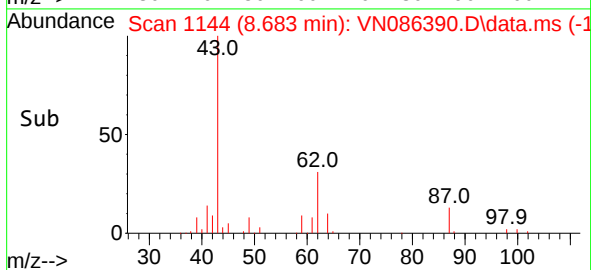
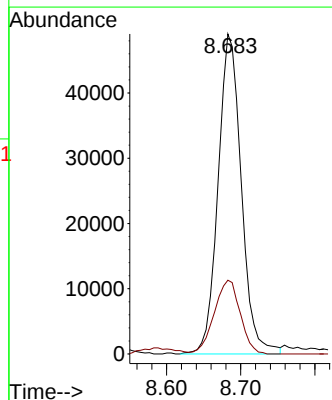
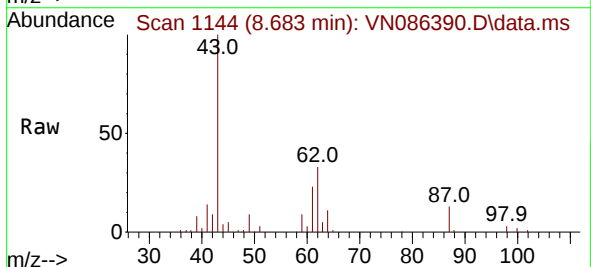
Acq: 23 Apr 2025 18:25

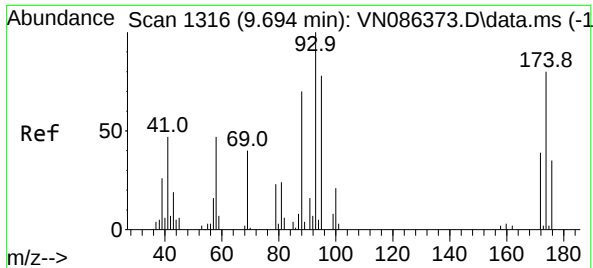
Tgt Ion: 43 Resp: 106896

Ion Ratio Lower Upper

43 100

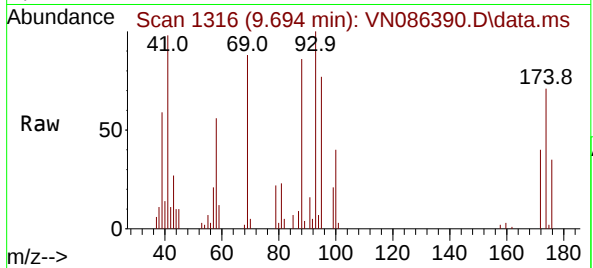
61 25.7 21.0 31.4





#45
1,4-Dioxane
Concen: 452.726 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

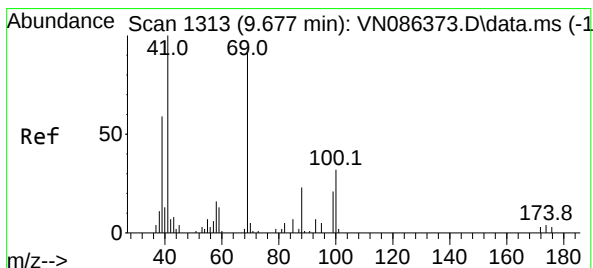
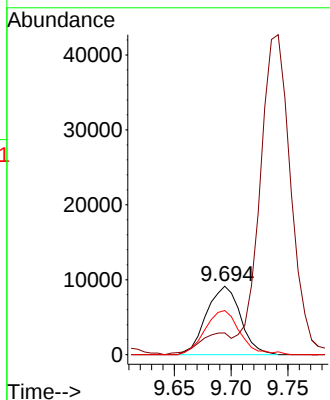
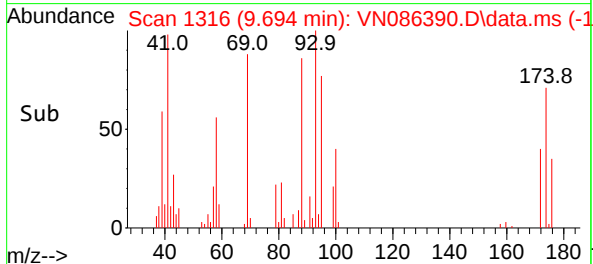
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



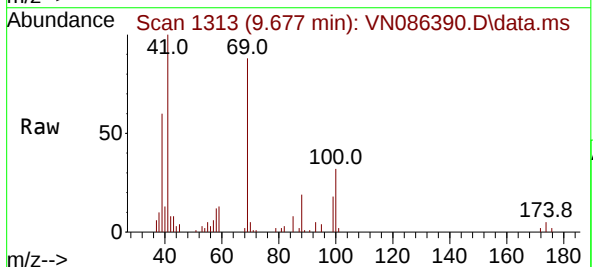
Tgt Ion: 88 Resp: 19104
Ion Ratio Lower Upper
88 100
43 29.6 24.9 37.3
58 66.0 57.8 86.8

Manual Integrations
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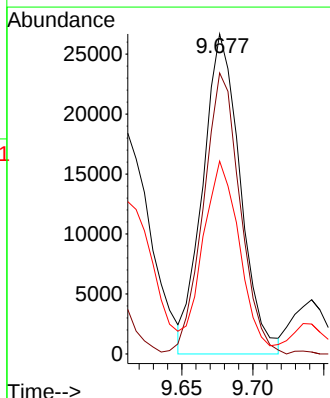
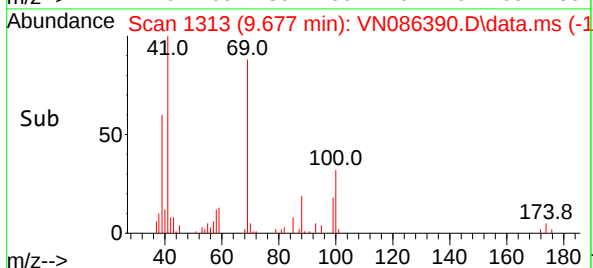
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

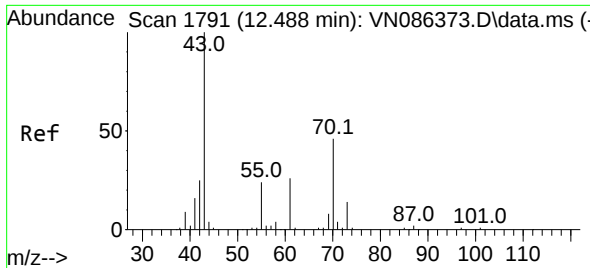


#46
Methyl methacrylate
Concen: 19.631 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25



Tgt Ion: 41 Resp: 48975
Ion Ratio Lower Upper
41 100
69 91.0 44.1 132.3
39 60.3 30.0 90.1





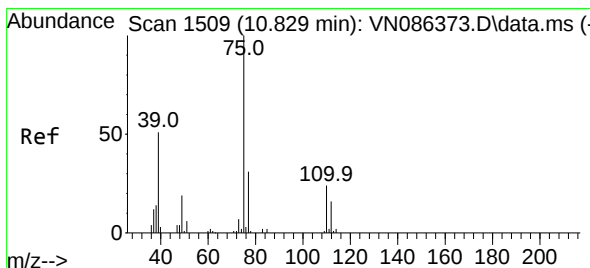
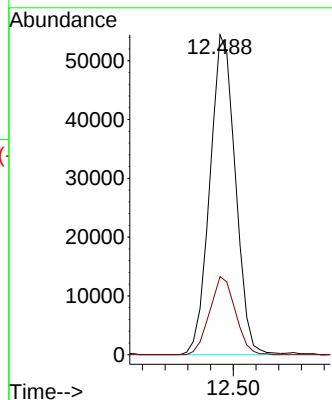
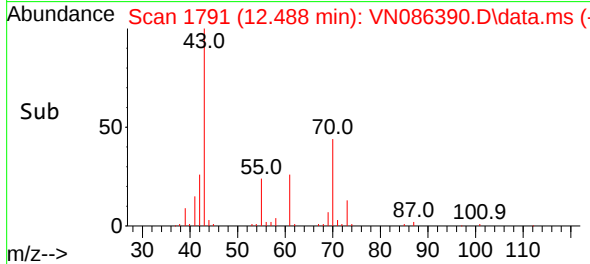
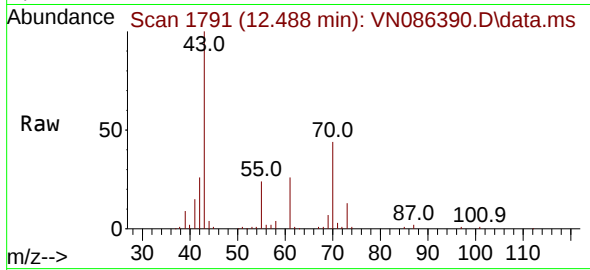
#47
n-amyl acetate
Concen: 18.399 ug/l
RT: 12.488 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 8481
Ion Ratio Lower Upper
43 100
55 24.6 19.4 29.0

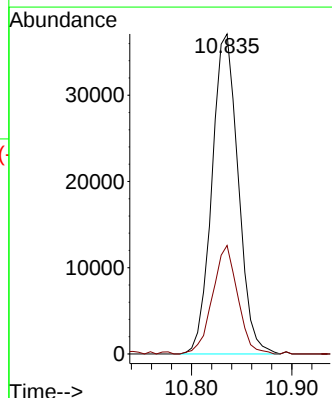
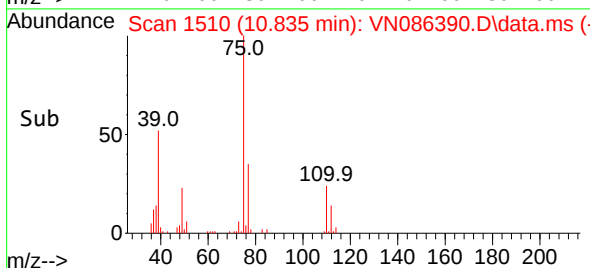
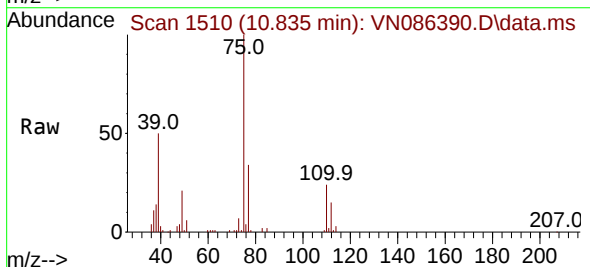
Manual Integrations
APPROVED

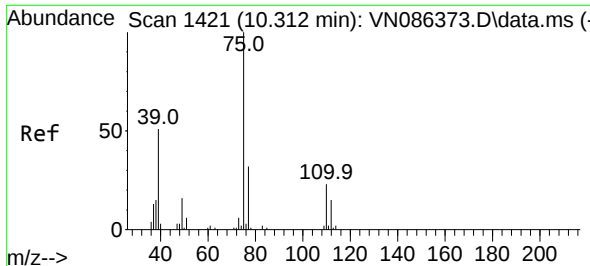
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#48
t-1,3-Dichloropropene
Concen: 18.326 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

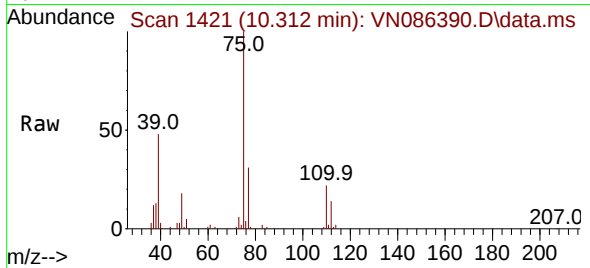
Tgt Ion: 75 Resp: 67591
Ion Ratio Lower Upper
75 100
77 33.9 24.4 36.6





#49
cis-1,3-Dichloropropene
Concen: 18.706 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

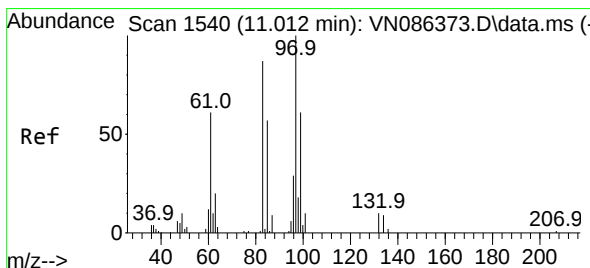
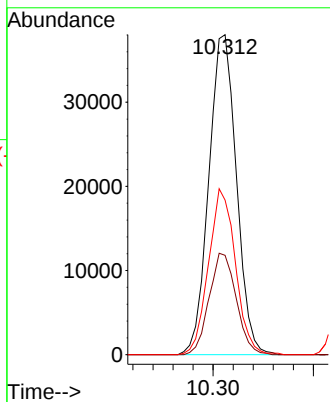
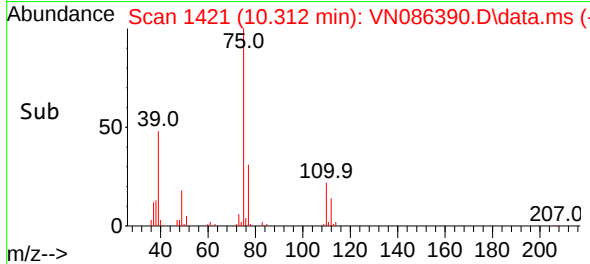
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 72754
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4
39 48.3 40.6 60.8

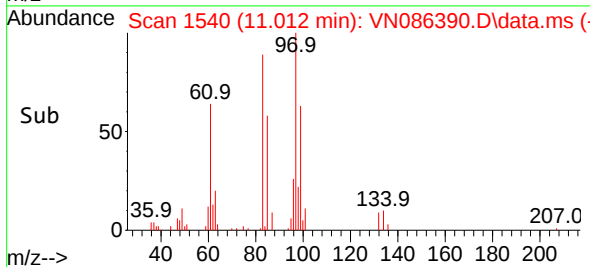
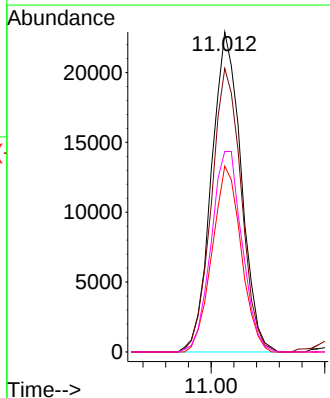
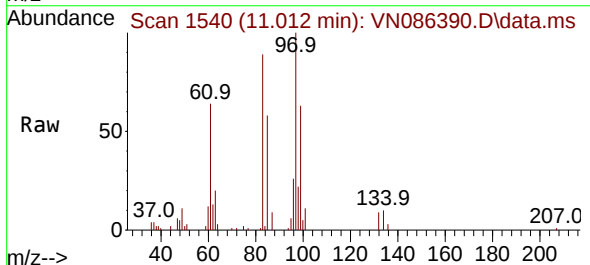
Manual Integrations
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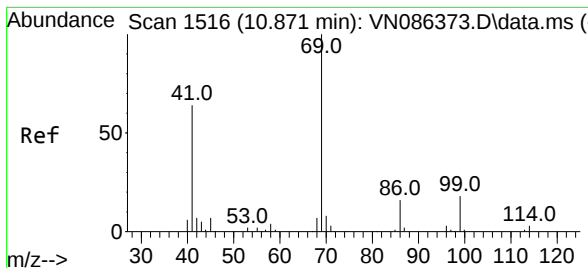
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#50
1,1,2-Trichloroethane
Concen: 19.133 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

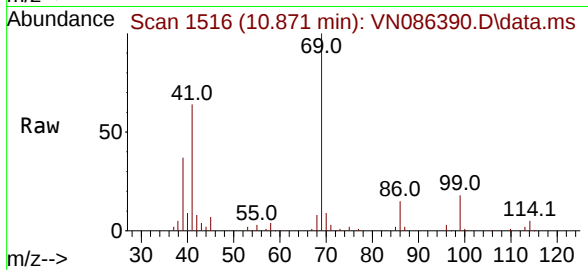
Tgt Ion: 97 Resp: 41661
Ion Ratio Lower Upper
97 100
83 88.6 69.3 103.9
85 58.1 45.5 68.3
99 62.7 49.0 73.6





#51
Ethyl methacrylate
Concen: 19.046 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

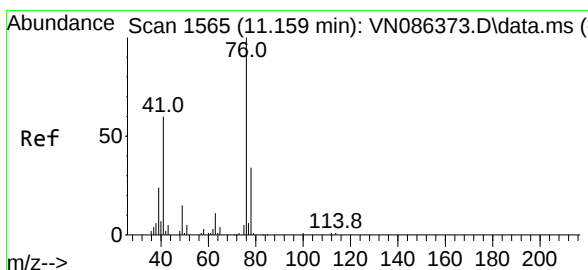
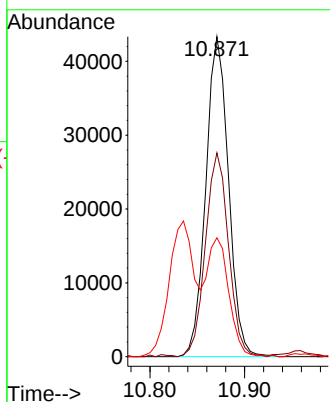
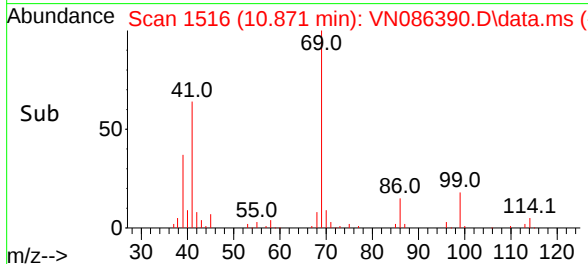
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 72228
Ion Ratio Lower Upper
69 100
41 63.7 32.3 96.8
39 37.1 19.1 57.1

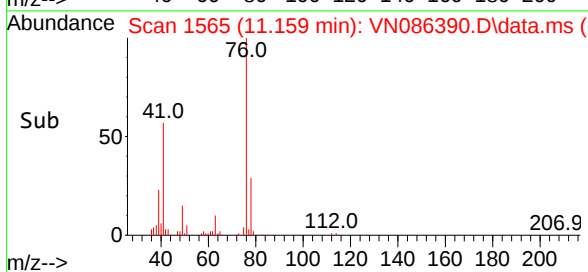
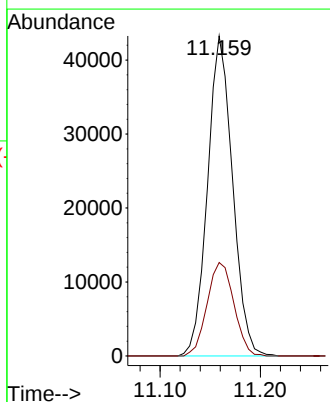
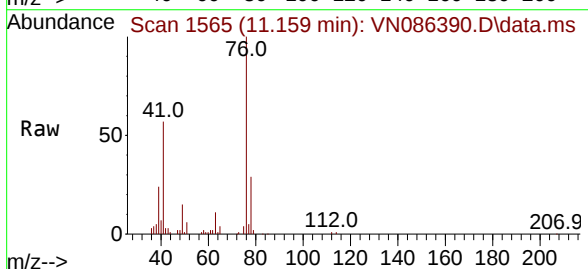
Manual Integrations
APPROVED

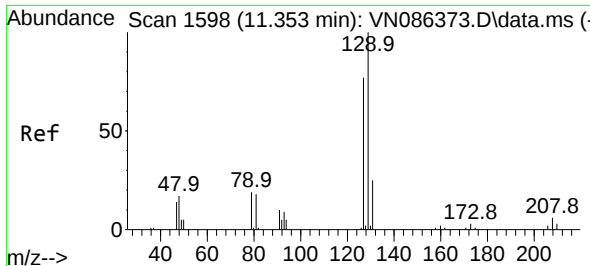
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#52
1,3-Dichloropropane
Concen: 19.507 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Tgt Ion: 76 Resp: 75071
Ion Ratio Lower Upper
76 100
78 31.2 0.0 65.6





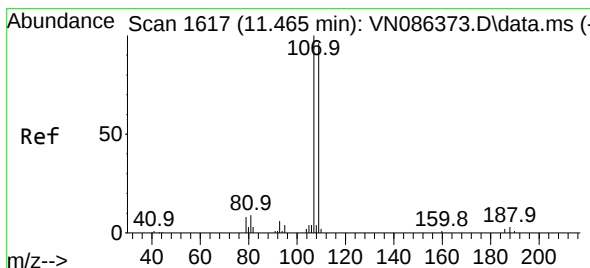
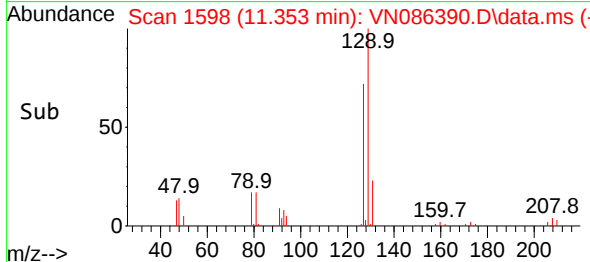
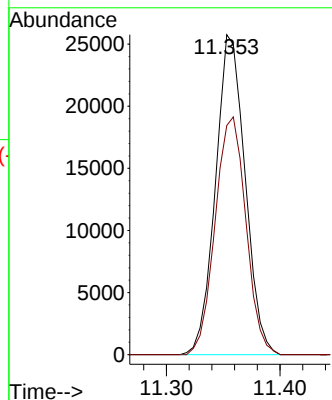
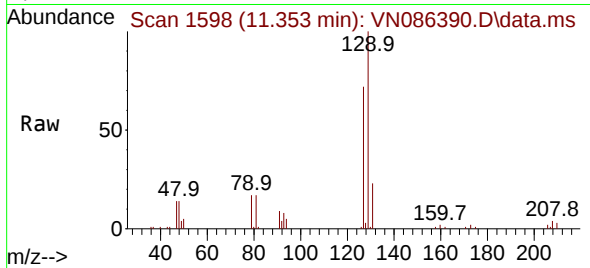
#53
 Dibromochloromethane
 Concen: 19.079 ug/l
 RT: 11.353 min Scan# 1598
 Delta R.T. 0.000 min
 Lab File: VN086390.D
 Acq: 23 Apr 2025 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:129 Resp: 46649
 Ion Ratio Lower Upper
 129 100
 127 77.0 38.8 116.3

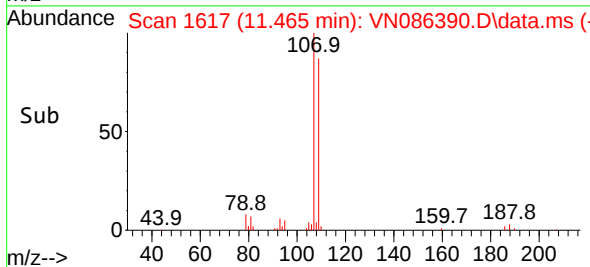
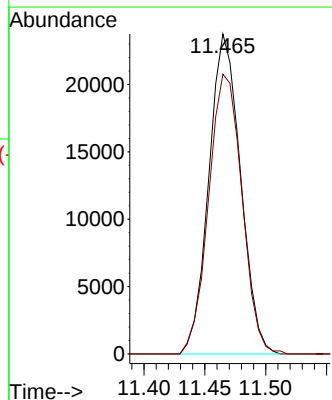
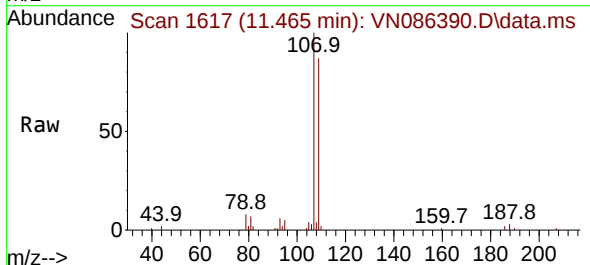
Manual Integrations
 APPROVED

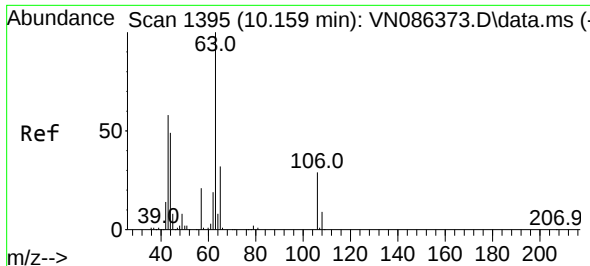
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#54
 1,2-Dibromoethane
 Concen: 19.426 ug/l
 RT: 11.465 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: VN086390.D
 Acq: 23 Apr 2025 18:25

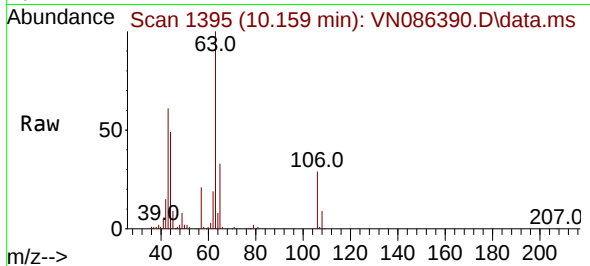
Tgt Ion:107 Resp: 43010
 Ion Ratio Lower Upper
 107 100
 109 91.9 75.4 113.0





#55
2-Chloroethyl vinyl ether
Concen: 97.726 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

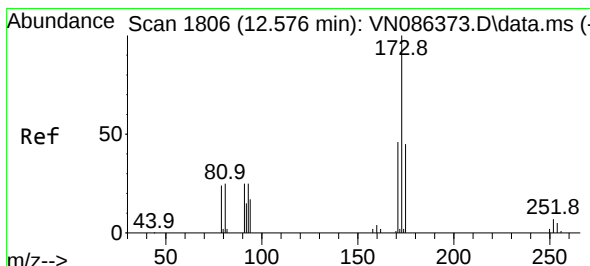
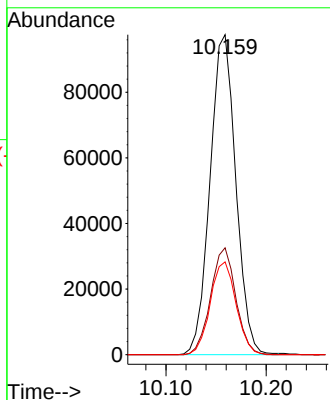
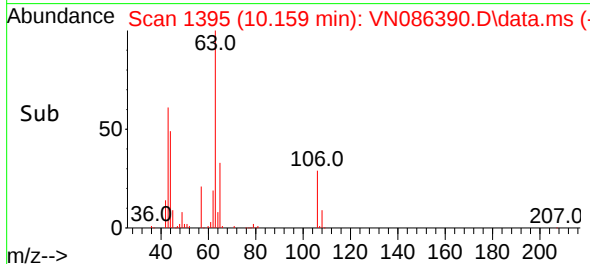
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 17424
Ion Ratio Lower Upper
63 100
65 32.6 25.7 38.5
106 29.1 22.3 33.5

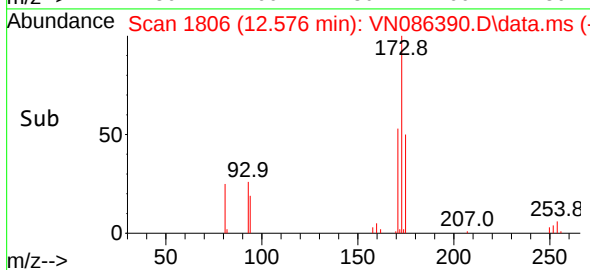
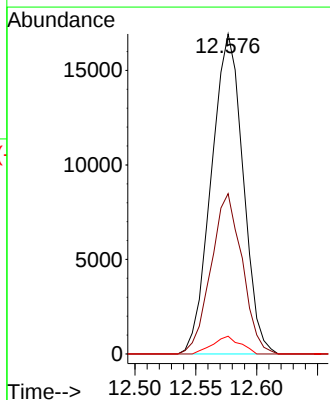
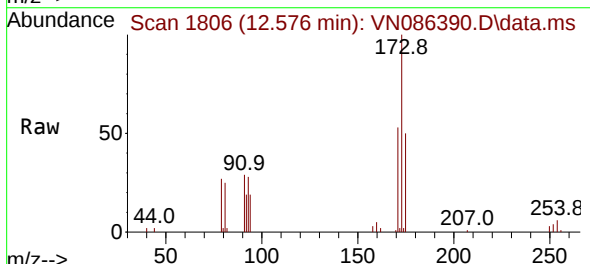
Manual Integrations
APPROVED

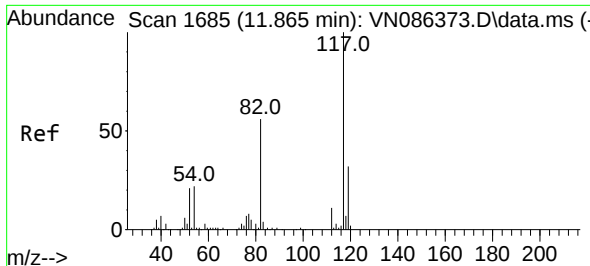
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#56
Bromoform
Concen: 19.329 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

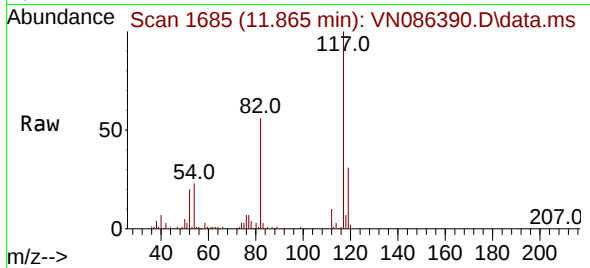
Tgt Ion:173 Resp: 30668
Ion Ratio Lower Upper
173 100
175 49.3 39.0 58.6
254 4.8 3.8 5.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

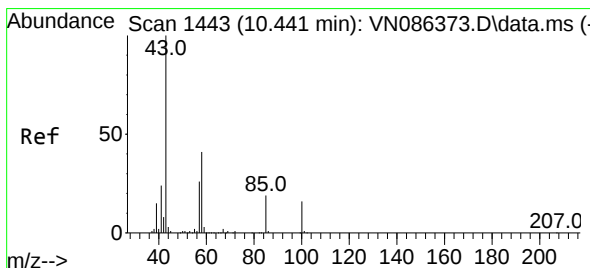
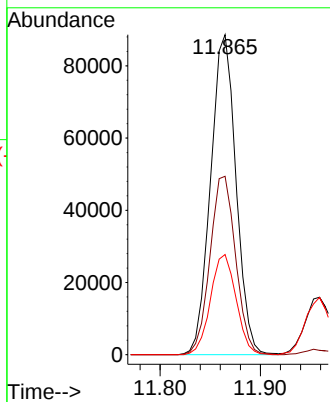
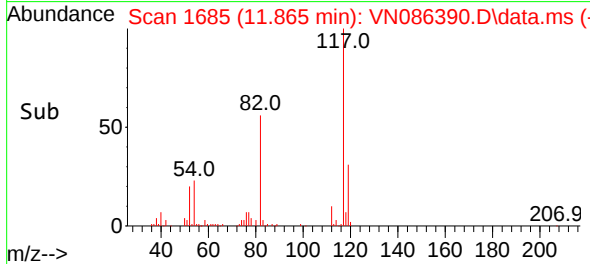
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 155860
Ion Ratio Lower Upper
117 100
82 56.4 45.5 68.3
119 31.5 25.9 38.9

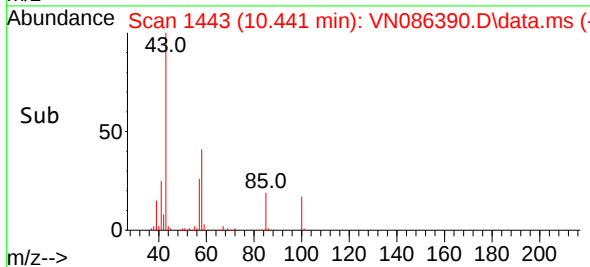
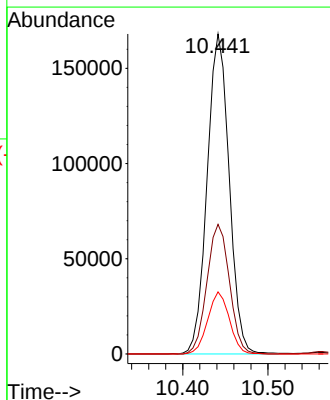
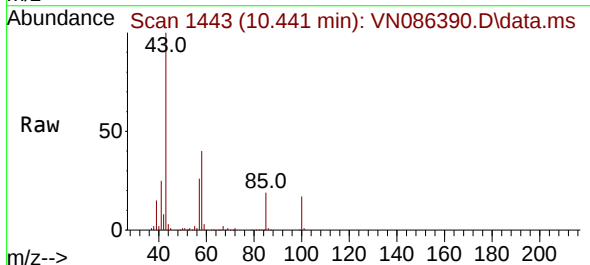
Manual Integrations
APPROVED

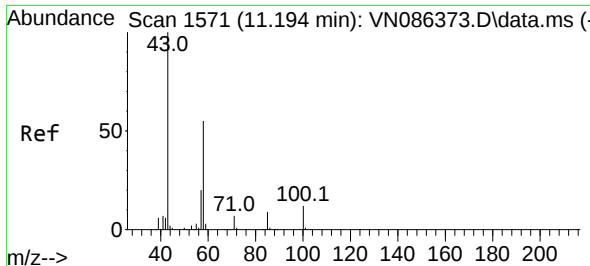
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#58
4-Methyl-2-Pentanone
Concen: 100.062 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

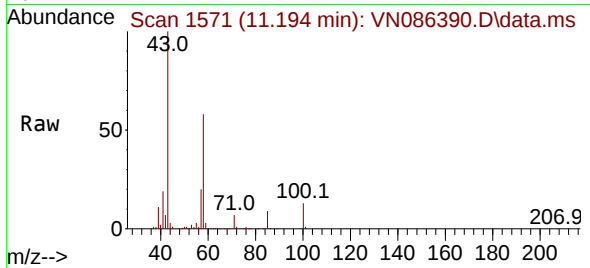
Tgt Ion: 43 Resp: 301799
Ion Ratio Lower Upper
43 100
58 41.4 33.0 49.6
85 19.0 14.9 22.3





#59
2-Hexanone
Concen: 102.699 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

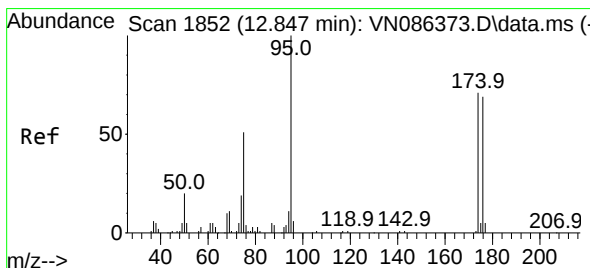
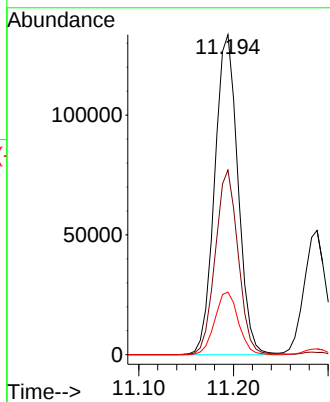
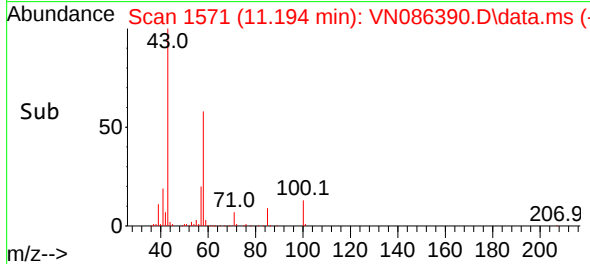
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 22826
Ion Ratio Lower Upper
43 100
58 56.6 45.0 67.6
57 19.7 15.5 23.3

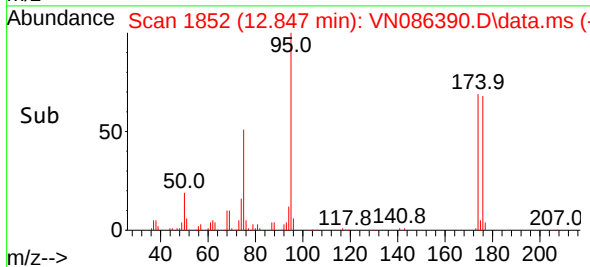
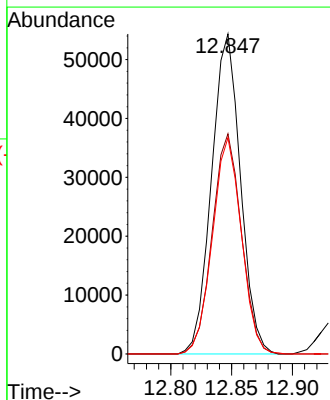
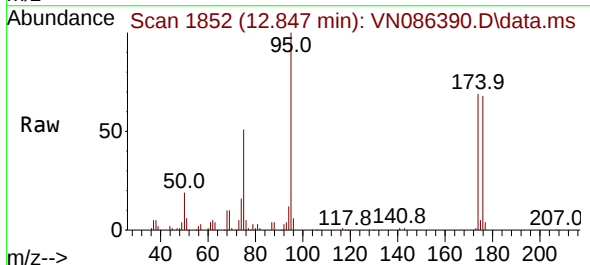
Manual Integrations
APPROVED

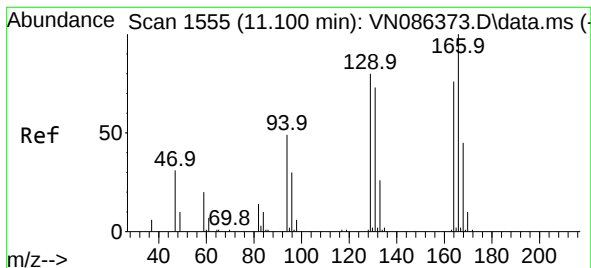
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#60
4-Bromofluorobenzene
Concen: 29.356 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Tgt Ion: 95 Resp: 89927
Ion Ratio Lower Upper
95 100
174 69.4 56.6 84.8
176 67.4 53.3 79.9





#61

Tetrachloroethene

Concen: 18.179 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN086390.D

Acq: 23 Apr 2025 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:164 Resp: 43210

Ion Ratio Lower Upper

164 100

166 123.6 105.0 157.4

129 105.1 83.9 125.9

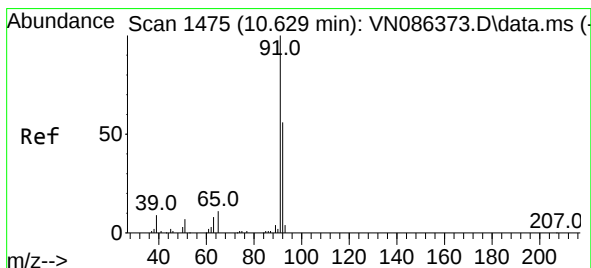
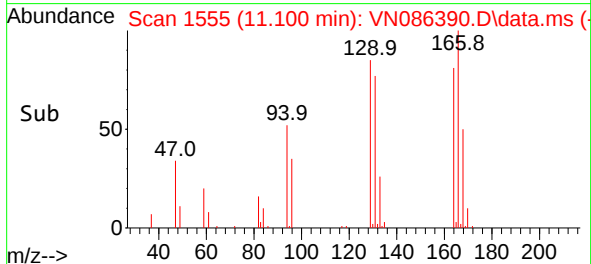
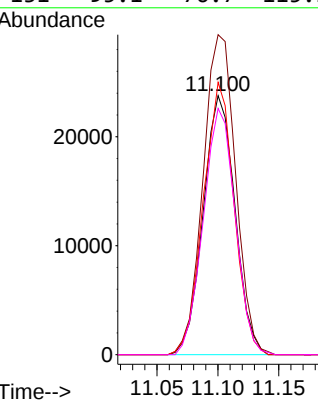
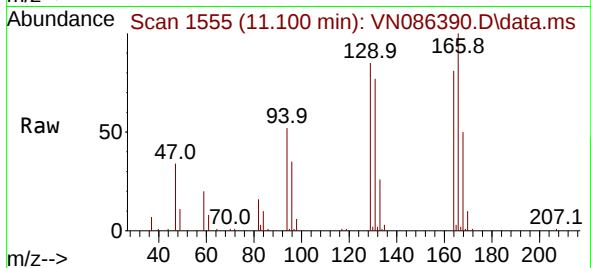
131 95.1 76.7 115.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#62

Toluene

Concen: 19.116 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN086390.D

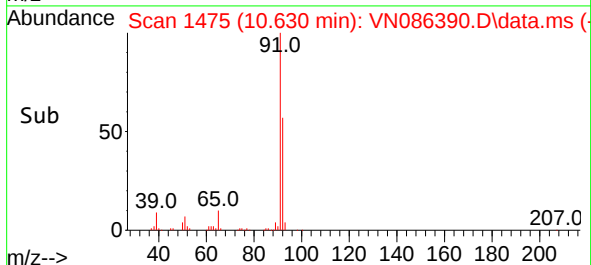
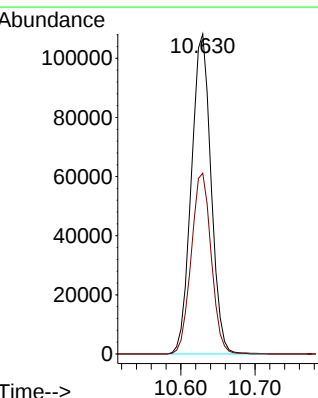
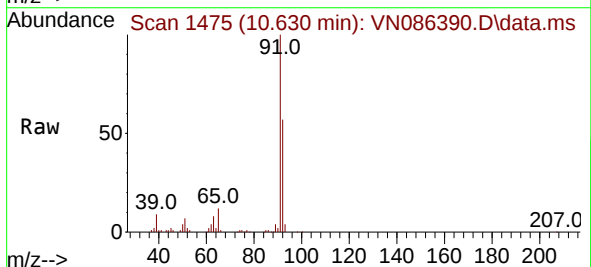
Acq: 23 Apr 2025 18:25

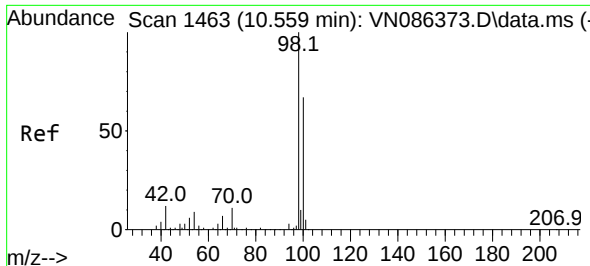
Tgt Ion: 91 Resp: 199432

Ion Ratio Lower Upper

91 100

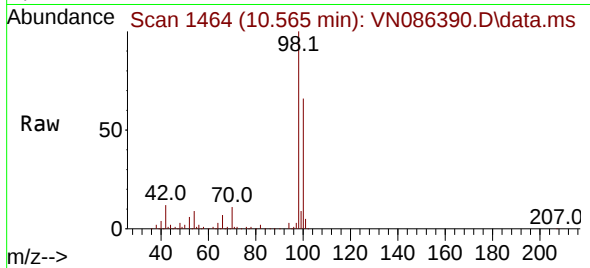
92 57.3 45.7 68.5





#63
Toluene-d8
Concen: 29.813 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

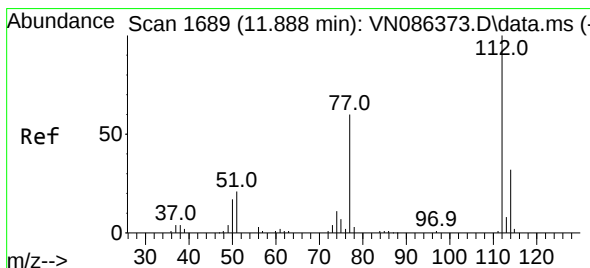
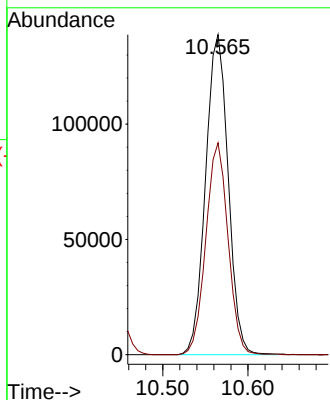
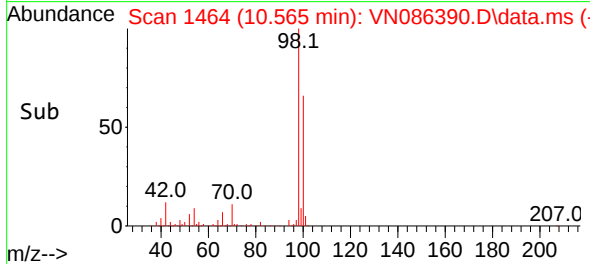
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 255638
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7

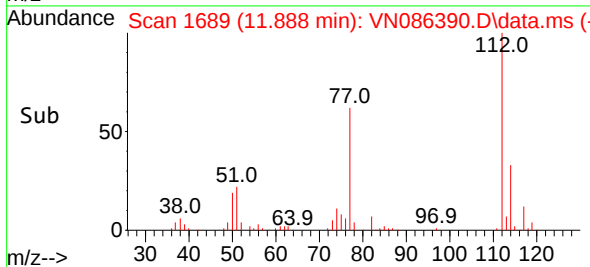
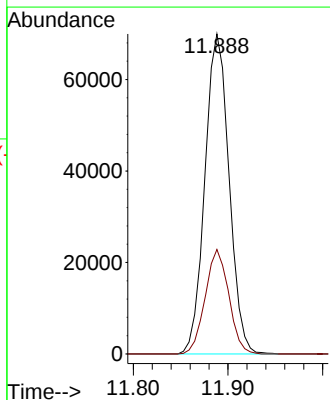
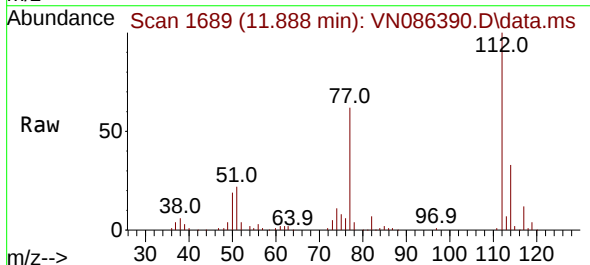
Manual Integrations
APPROVED

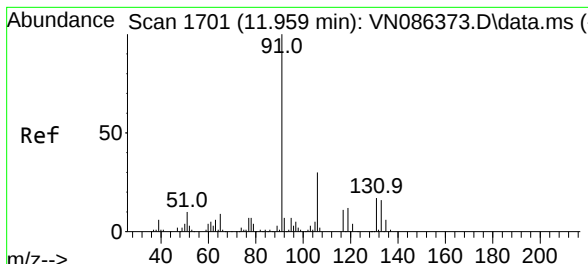
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#64
Chlorobenzene
Concen: 19.122 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Tgt Ion:112 Resp: 124307
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4





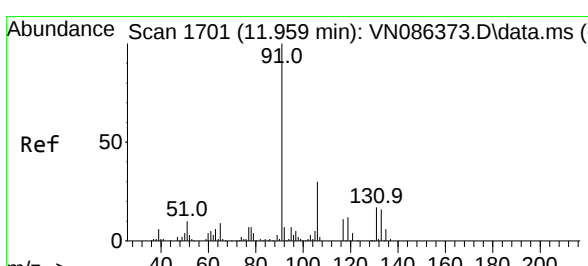
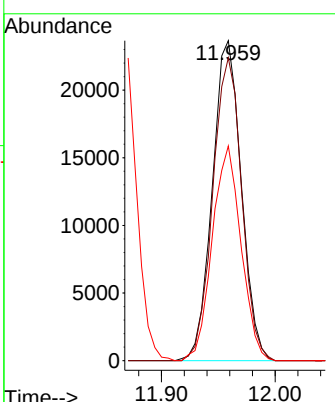
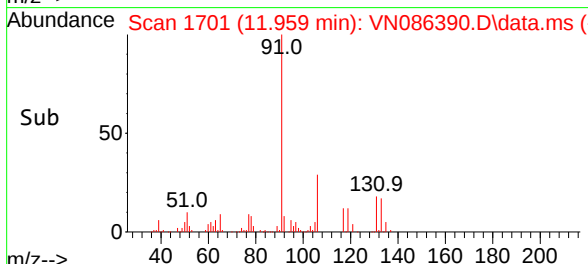
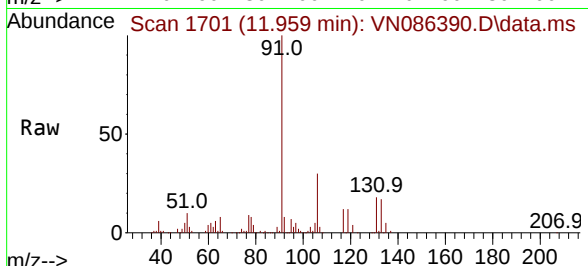
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.305 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN086390.D
 Acq: 23 Apr 2025 18:25

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020EC

Tgt Ion:	131	Resp:	4196
Ion Ratio	Lower	Upper	
131	100		
133	94.3	0.0	191.4
119	66.6	0.0	133.6

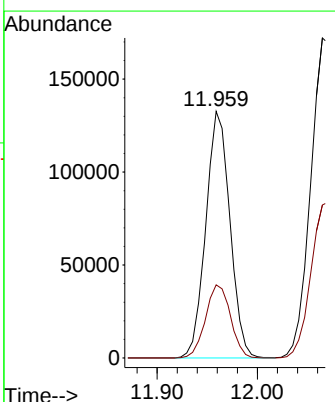
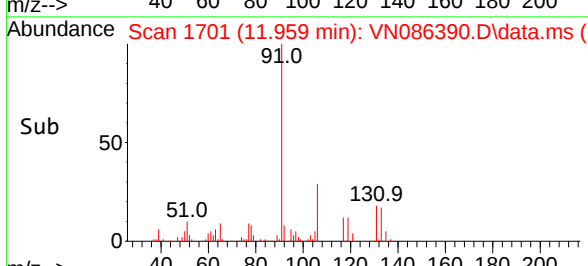
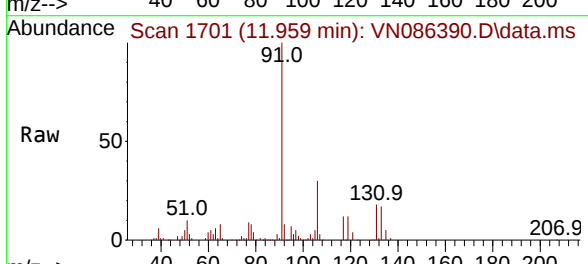
Manual Integrations
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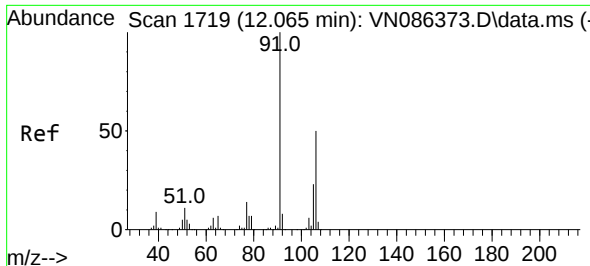
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#66
 Ethyl Benzene
 Concen: 18.902 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN086390.D
 Acq: 23 Apr 2025 18:25

Tgt Ion:	91	Resp:	221969
Ion Ratio	Lower	Upper	
91	100		
106	29.7	24.3	36.5





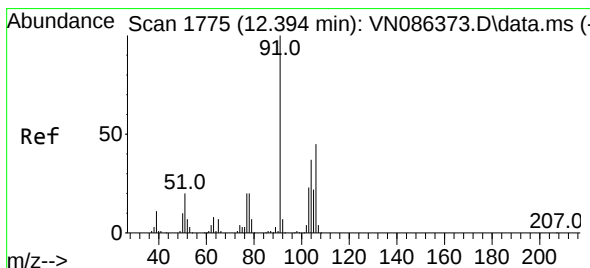
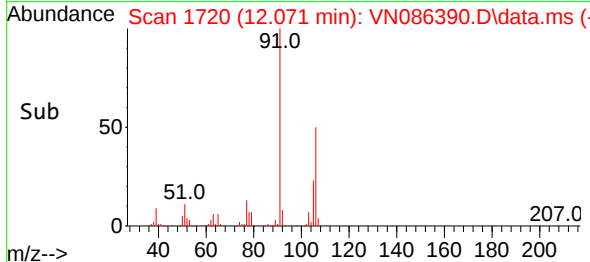
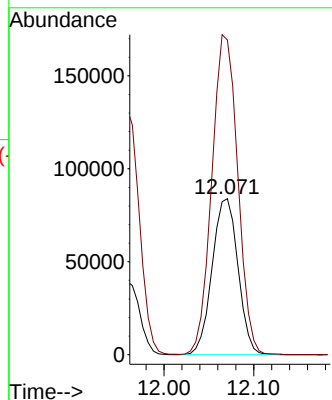
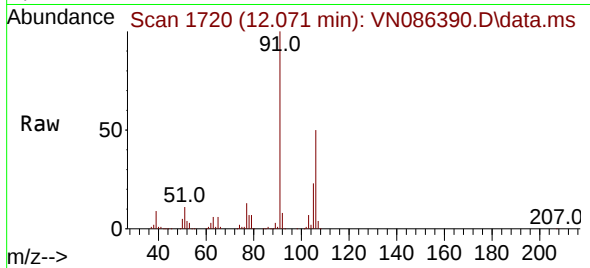
#67
m/p-Xylenes
Concen: 37.625 ug/l
RT: 12.071 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 16764
Ion Ratio Lower Upper
106 100
91 205.9 162.6 243.8

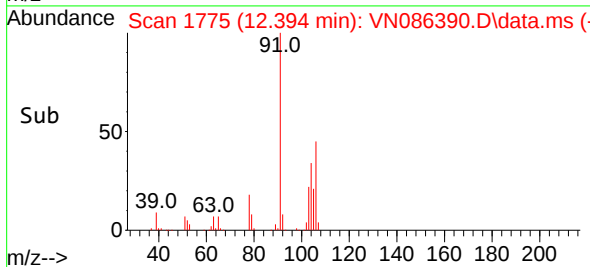
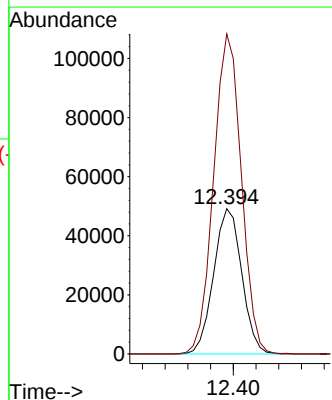
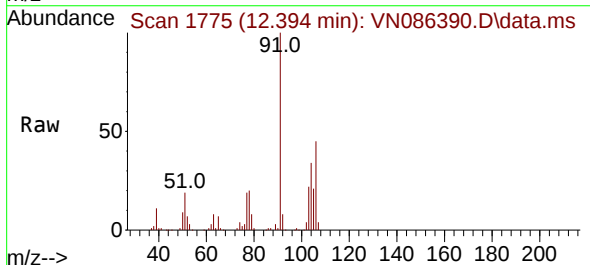
Manual Integrations
APPROVED

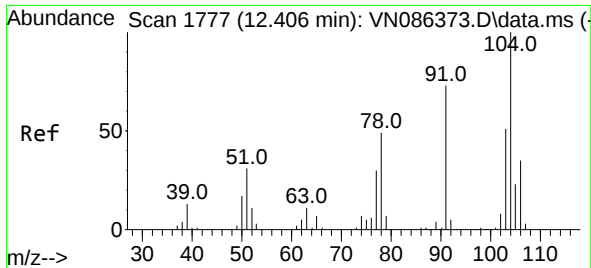
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#68
o-Xylene
Concen: 19.353 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Tgt Ion:106 Resp: 84431
Ion Ratio Lower Upper
106 100
91 217.3 110.6 331.6





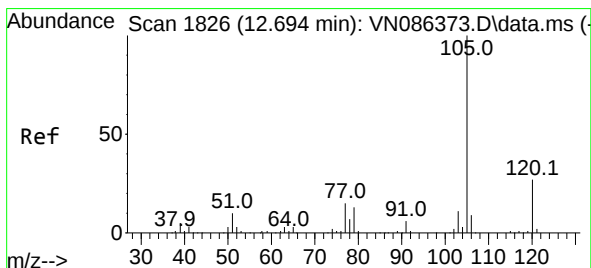
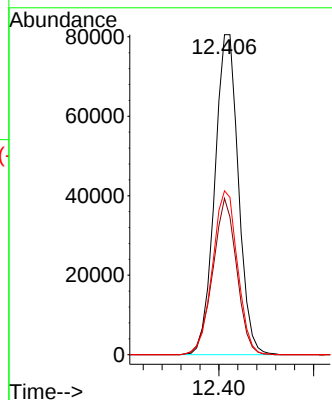
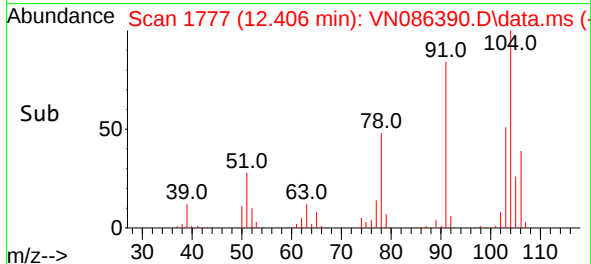
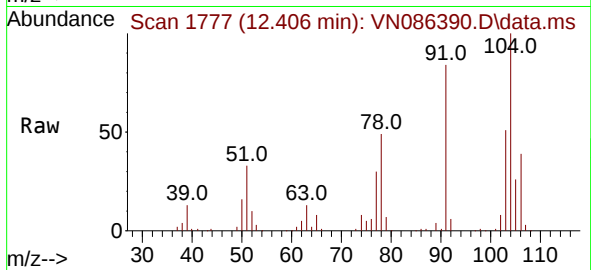
#69
Styrene
Concen: 18.964 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 140229
Ion Ratio Lower Upper
104 100
78 49.4 40.2 60.4
103 54.0 43.8 65.8

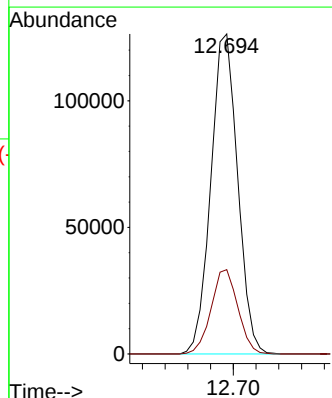
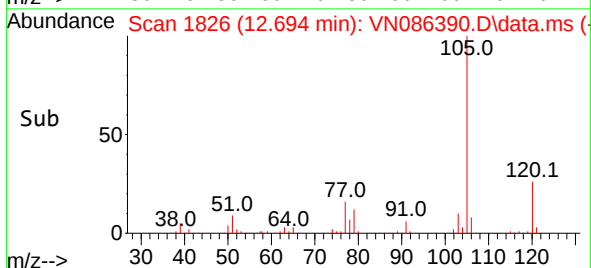
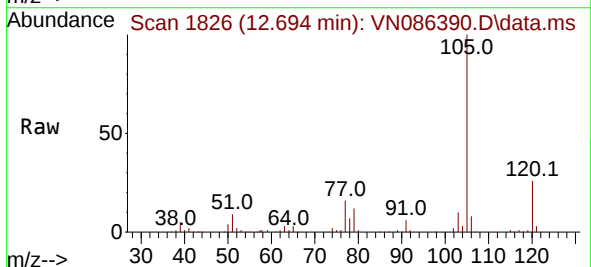
Manual Integrations
APPROVED

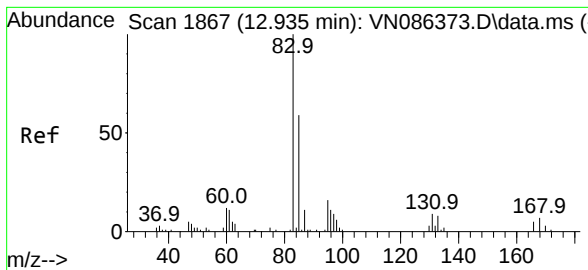
Reviewed By :John Carbone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#70
Isopropylbenzene
Concen: 19.029 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

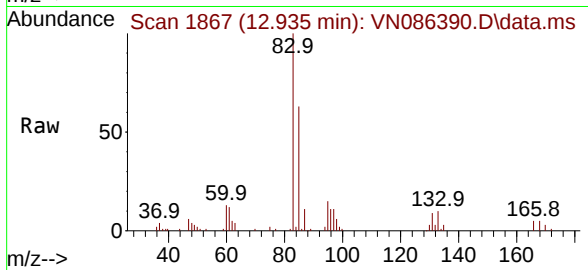
Tgt Ion:105 Resp: 207230
Ion Ratio Lower Upper
105 100
120 26.3 18.2 33.8





#71
1,1,2,2-Tetrachloroethane
Concen: 20.943 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

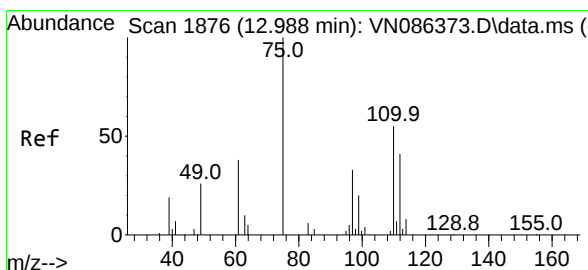
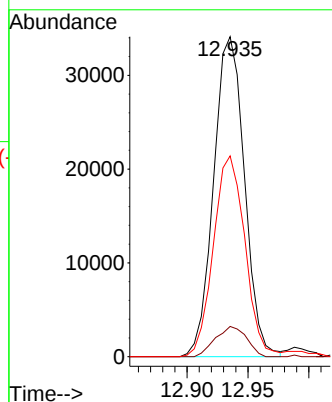
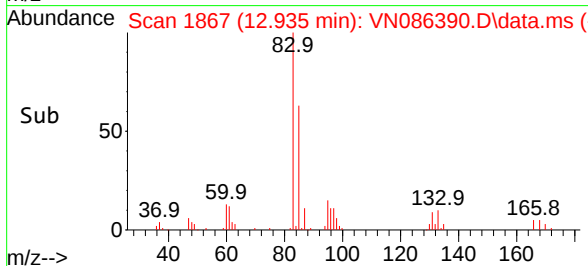
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 6005
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.7
85 64.1 31.7 95.1

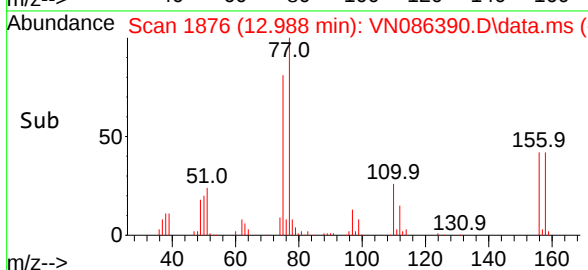
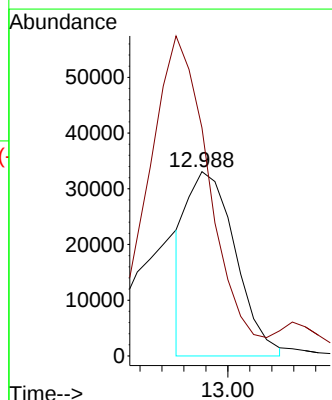
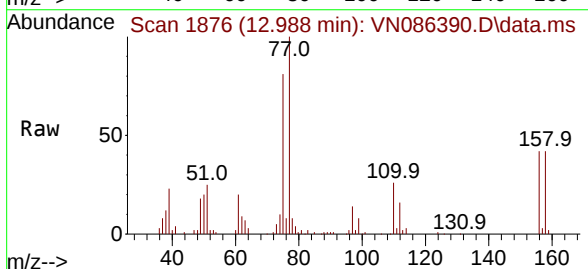
Manual Integrations
APPROVED

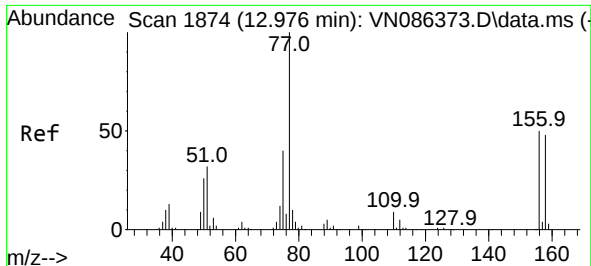
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#72
1,2,3-Trichloropropane
Concen: 20.273 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

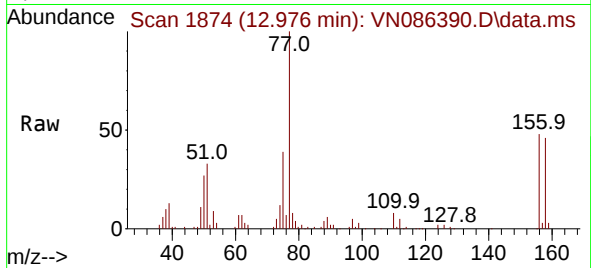
Tgt Ion: 75 Resp: 50682
Ion Ratio Lower Upper
75 100
77 221.9 0.0 464.4





#73
Bromobenzene
Concen: 19.058 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

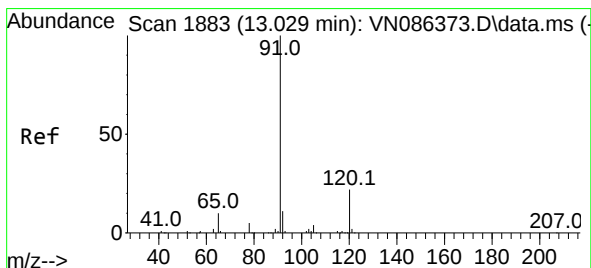
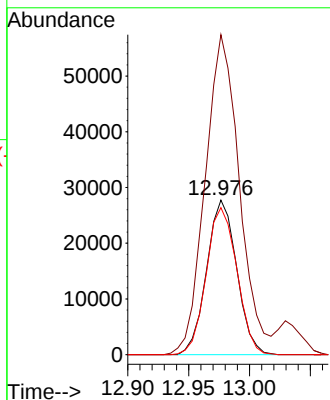
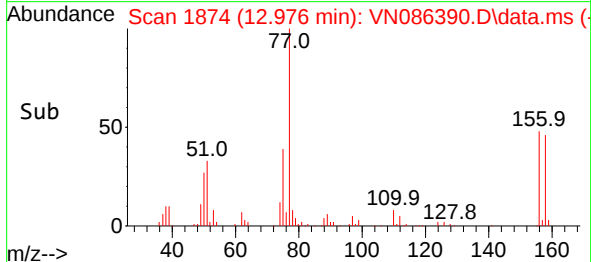
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:156 Resp: 47715
Ion Ratio Lower Upper
156 100
77 235.7 0.0 463.4
158 97.1 0.0 191.8

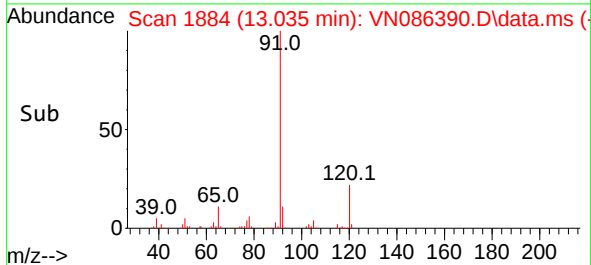
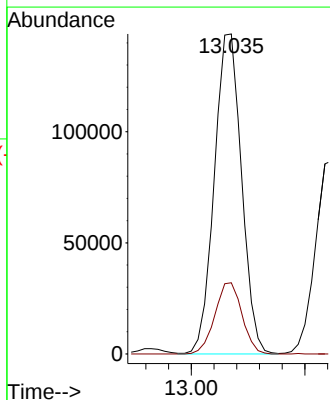
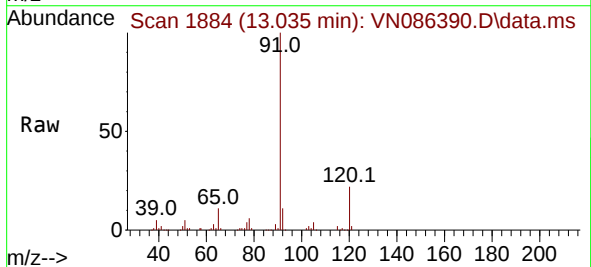
Manual Integrations
APPROVED

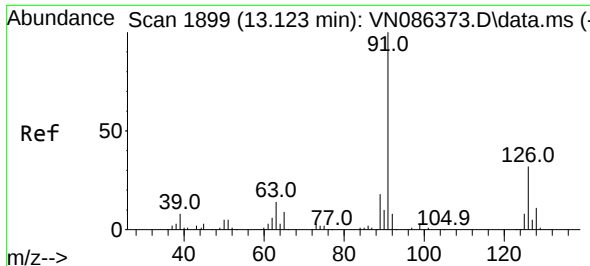
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#74
n-propylbenzene
Concen: 18.560 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Tgt Ion: 91 Resp: 240186
Ion Ratio Lower Upper
91 100
120 22.1 0.0 43.8





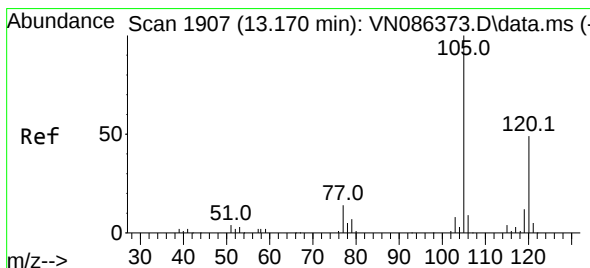
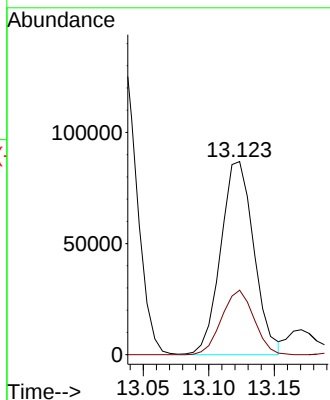
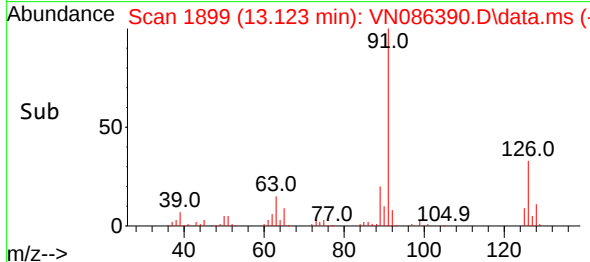
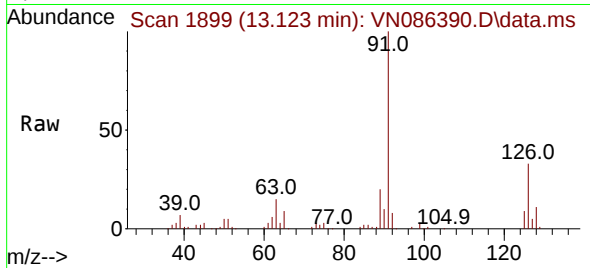
#75
2-Chlorotoluene
Concen: 18.973 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 153270
Ion Ratio Lower Upper
91 100
126 32.5 0.0 65.0

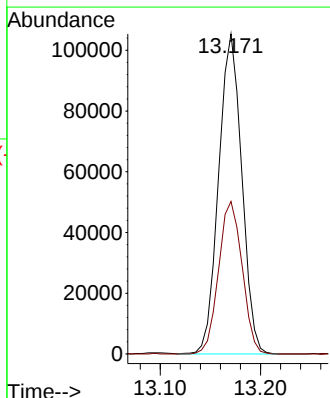
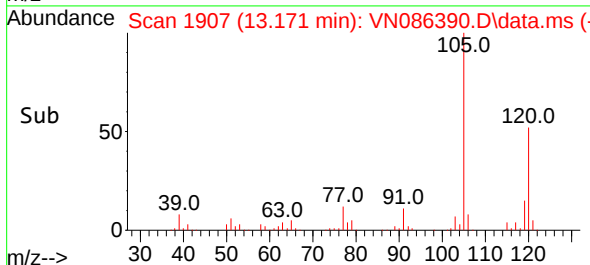
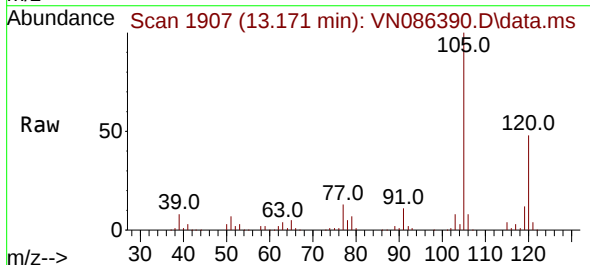
Manual Integrations
APPROVED

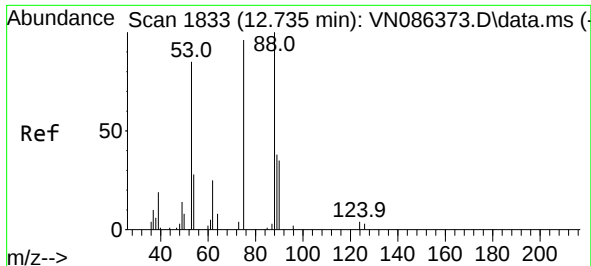
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#76
1,3,5-Trimethylbenzene
Concen: 18.880 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

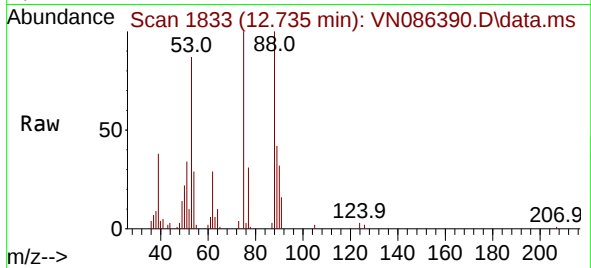
Tgt Ion:105 Resp: 168707
Ion Ratio Lower Upper
105 100
120 48.4 0.0 97.6





#77
t-1,4-Dichloro-2-butene
Concen: 18.467 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

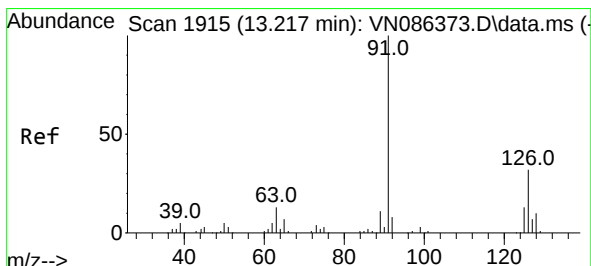
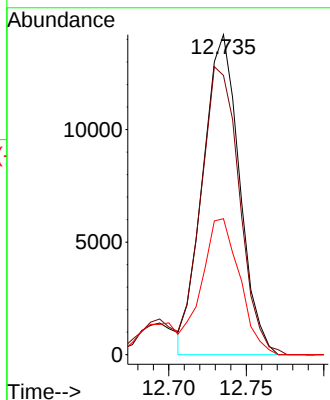
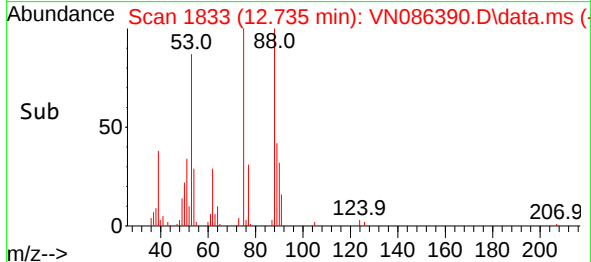
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



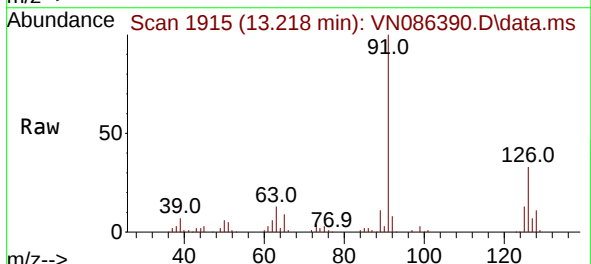
Tgt Ion: 75 Resp: 23430
Ion Ratio Lower Upper
75 100
53 85.7 46.0 138.0
89 42.5 21.6 64.6

Manual Integrations
APPROVED

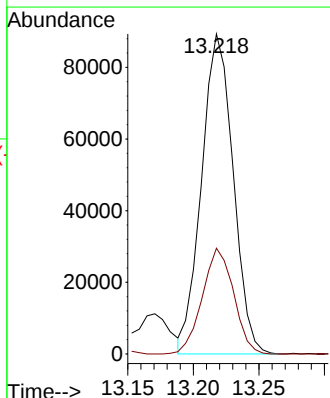
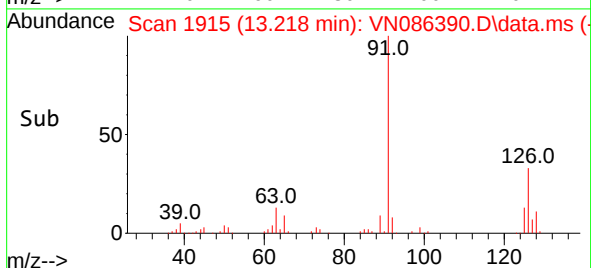
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

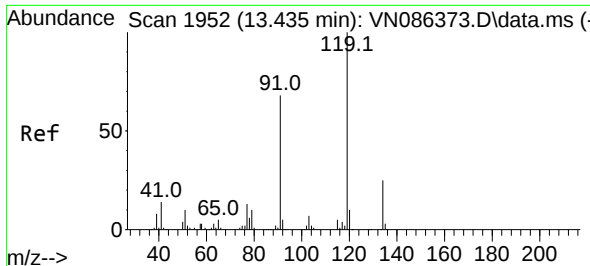


#78
4-Chlorotoluene
Concen: 18.537 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25



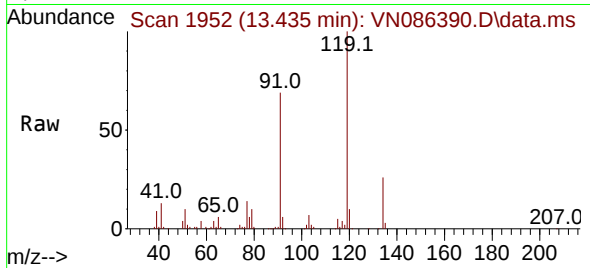
Tgt Ion: 91 Resp: 149730
Ion Ratio Lower Upper
91 100
126 32.7 0.0 65.4





#79
tert-butylbenzene
Concen: 18.892 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

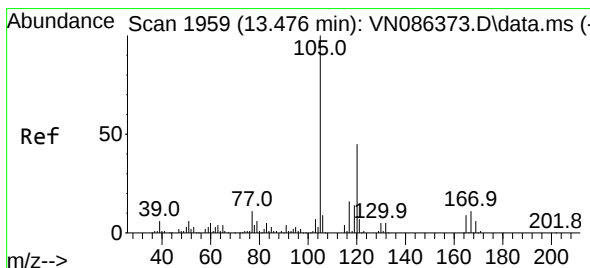
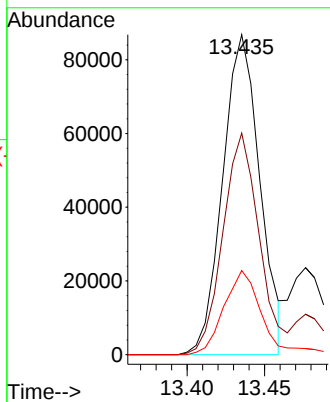
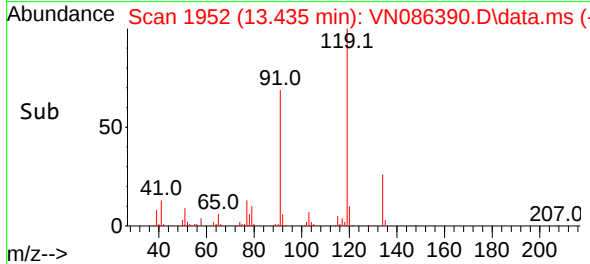
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



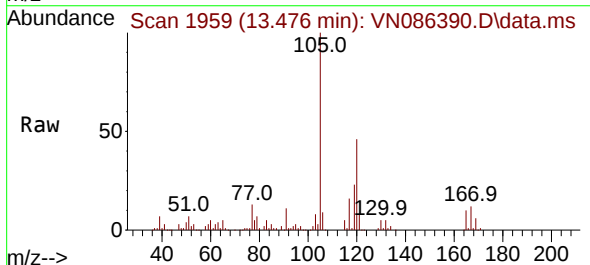
Tgt Ion:119 Resp: 14457
Ion Ratio Lower Upper
119 100
91 68.0 0.0 137.4
134 26.9 0.0 49.2

Manual Integrations
APPROVED

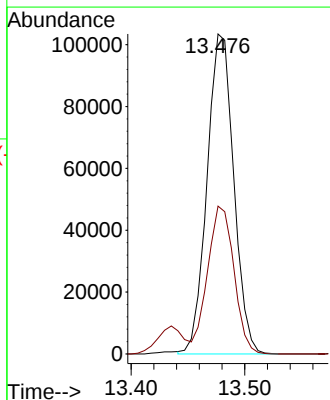
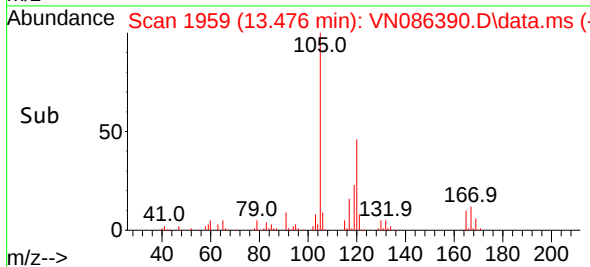
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

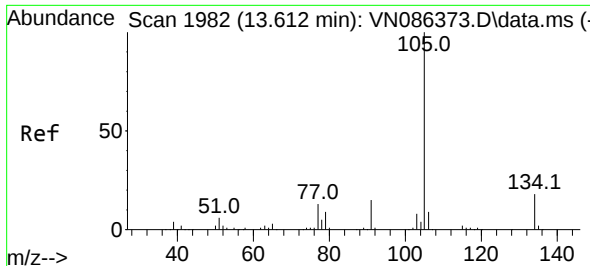


#80
1,2,4-Trimethylbenzene
Concen: 18.521 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25



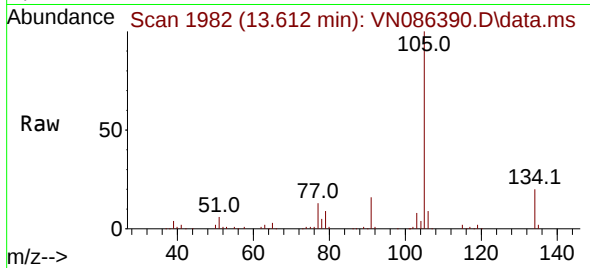
Tgt Ion:105 Resp: 169022
Ion Ratio Lower Upper
105 100
120 45.5 0.0 87.6





#81
 sec-Butylbenzene
 Concen: 18.552 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086390.D
 Acq: 23 Apr 2025 18:25

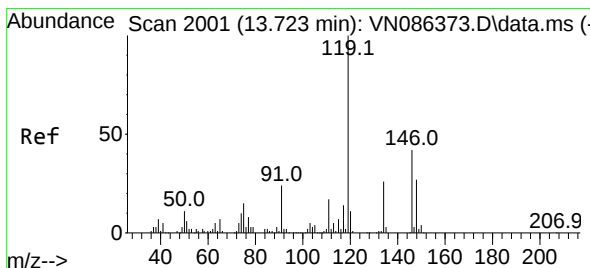
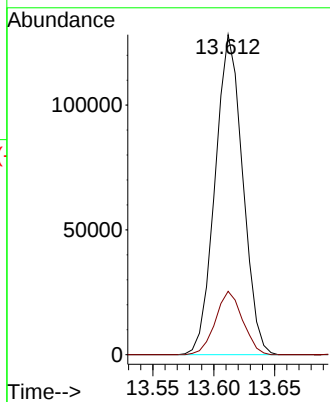
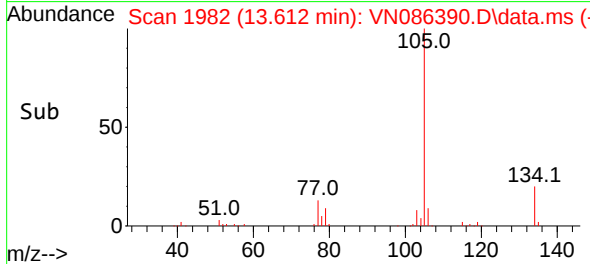
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



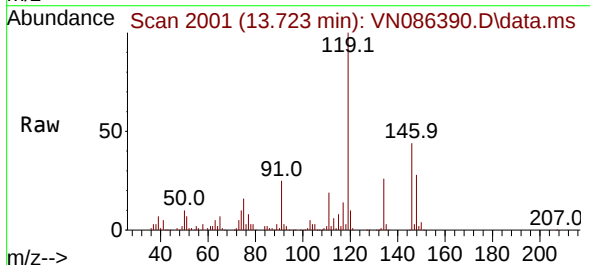
Tgt Ion:105 Resp: 20266
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.4

Manual Integrations
 APPROVED

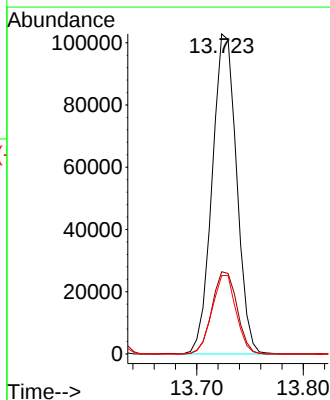
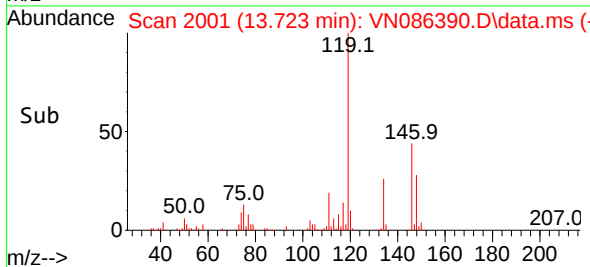
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025

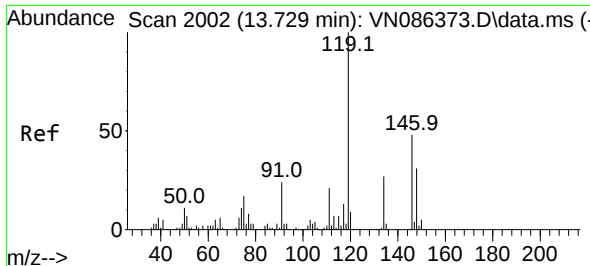


#82
 p-Isopropyltoluene
 Concen: 17.919 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086390.D
 Acq: 23 Apr 2025 18:25



Tgt Ion:119 Resp: 163797
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.2
 91 24.3 0.0 47.6





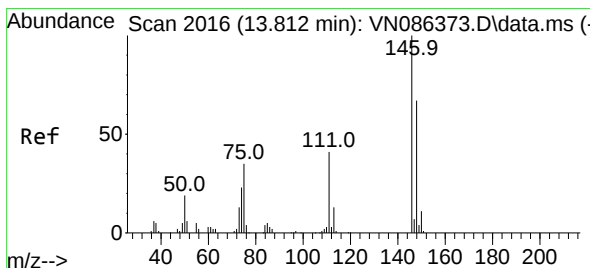
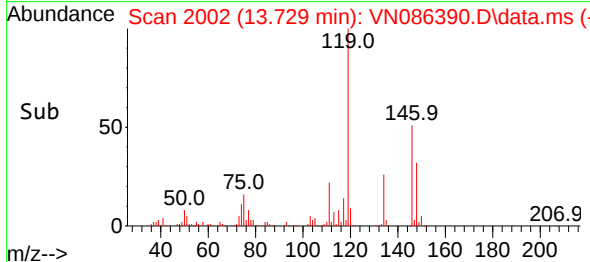
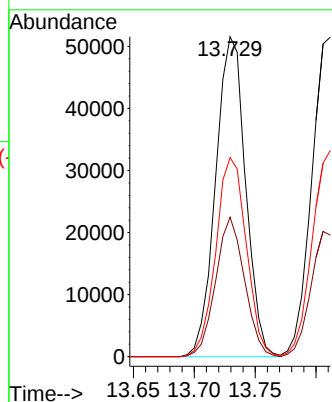
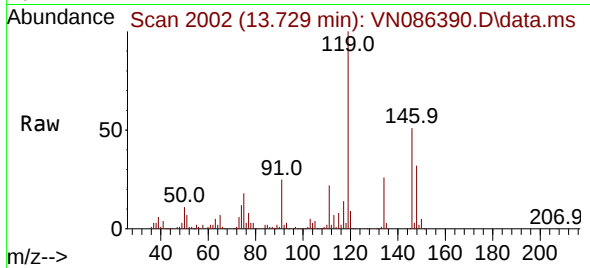
#83
1,3-Dichlorobenzene
Concen: 18.631 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 88170
Ion Ratio Lower Upper
146 100
111 42.0 20.7 62.1
148 63.3 32.3 96.8

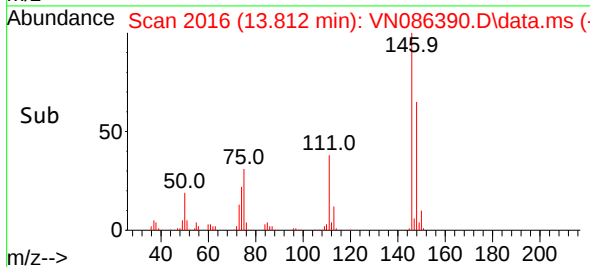
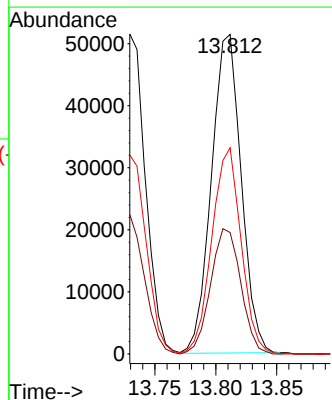
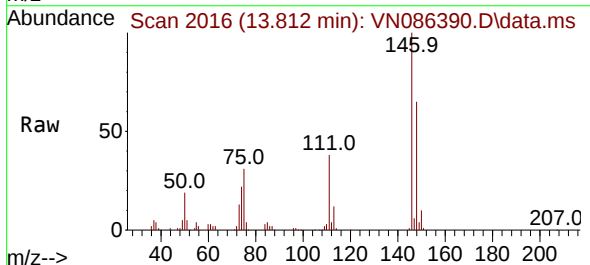
Manual Integrations
APPROVED

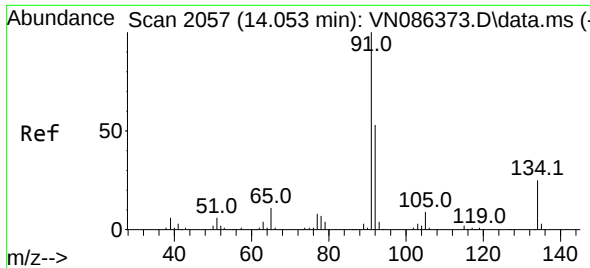
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#84
1,4-Dichlorobenzene
Concen: 18.699 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

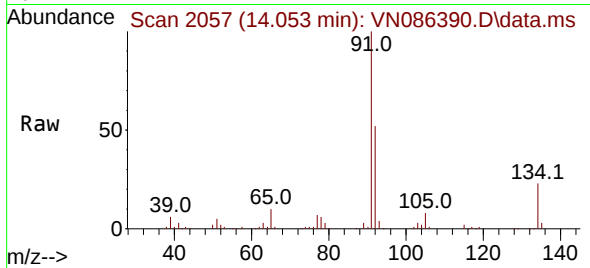
Tgt Ion:146 Resp: 87436
Ion Ratio Lower Upper
146 100
111 39.8 20.3 60.8
148 63.6 32.4 97.2





#85
n-Butylbenzene
Concen: 17.268 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

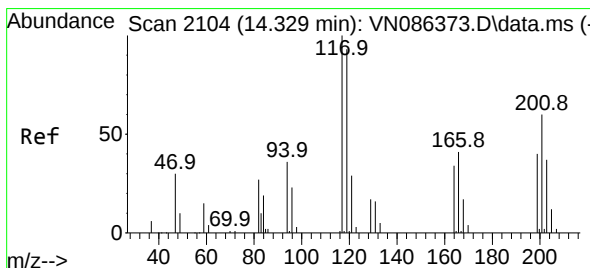
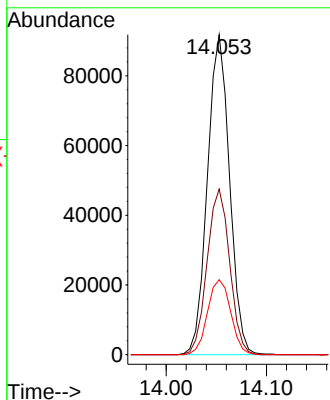
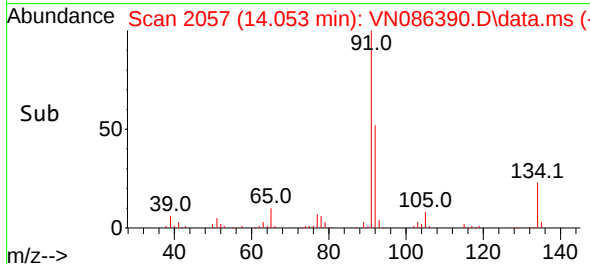
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 140849
Ion Ratio Lower Upper
91 100
92 52.8 0.0 107.2
134 24.6 0.0 48.2

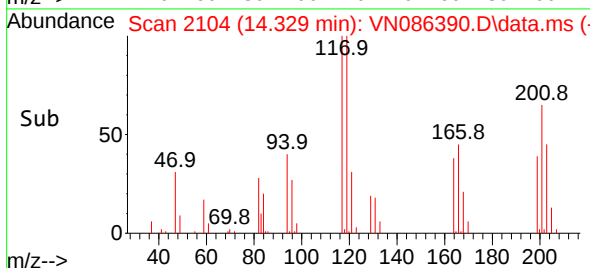
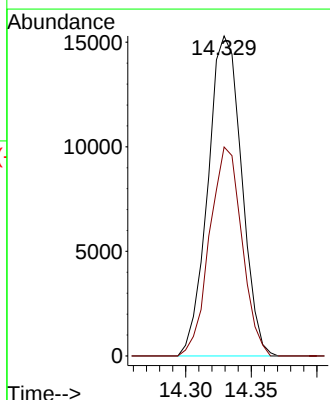
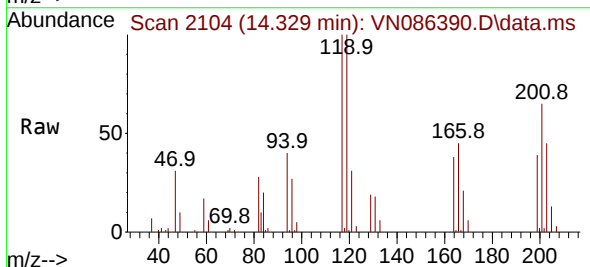
Manual Integrations
APPROVED

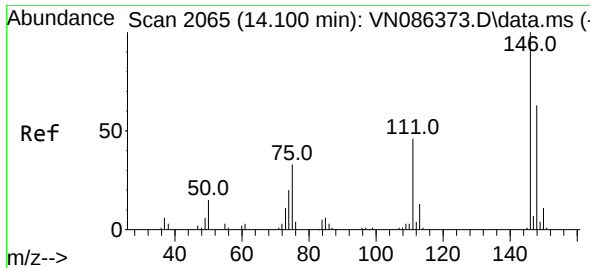
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#86
Hexachloroethane
Concen: 18.299 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

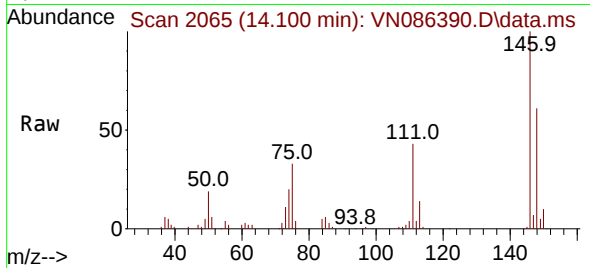
Tgt Ion:117 Resp: 27351
Ion Ratio Lower Upper
117 100
201 62.7 31.7 95.1





#87
1,2-Dichlorobenzene
Concen: 18.953 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

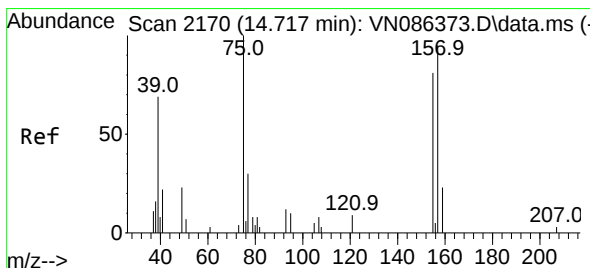
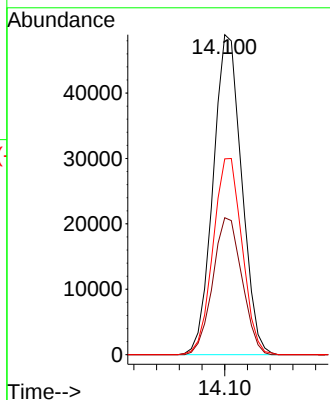
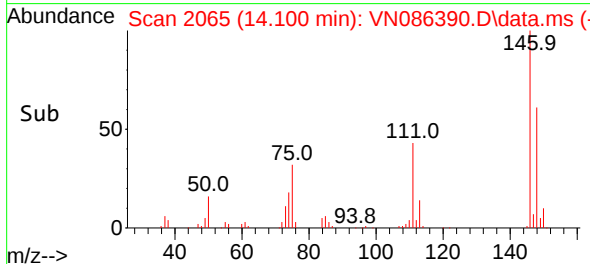
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



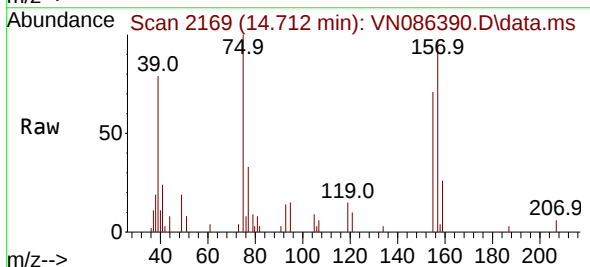
Tgt Ion:146 Resp: 85350
Ion Ratio Lower Upper
146 100
111 43.8 22.1 66.3
148 62.4 32.0 96.0

Manual Integrations
APPROVED

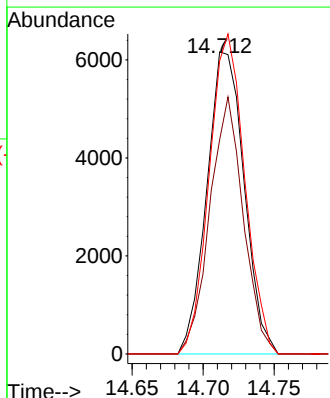
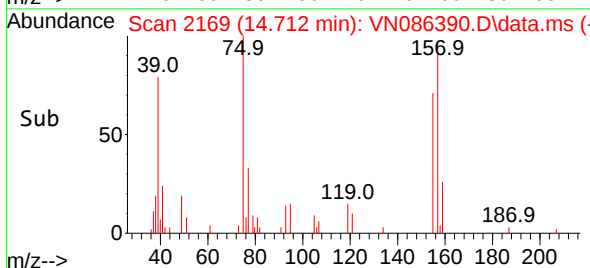
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

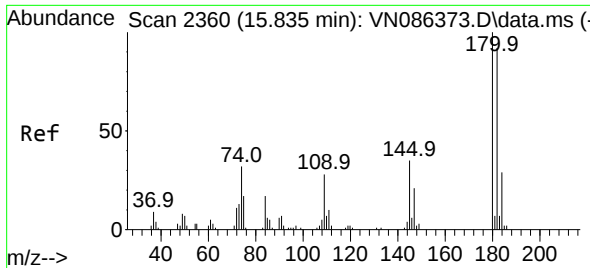


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.343 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25



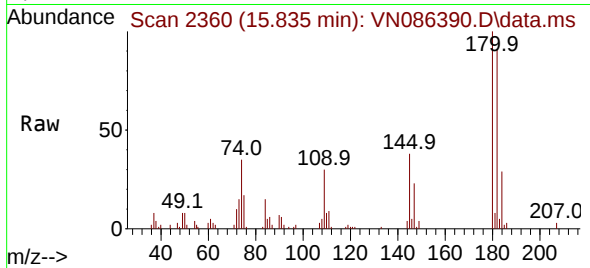
Tgt Ion: 75 Resp: 11274
Ion Ratio Lower Upper
75 100
155 76.4 64.0 96.0
157 100.8 78.2 117.4





#89
1,2,4-Trichlorobenzene
Concen: 18.007 ug/l
RT: 15.835 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

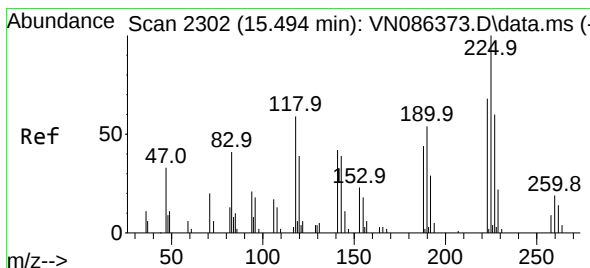
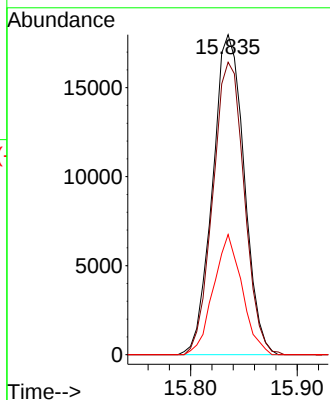
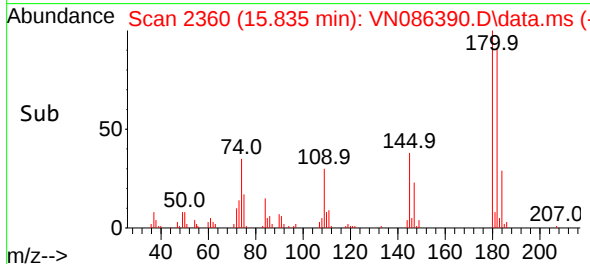
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



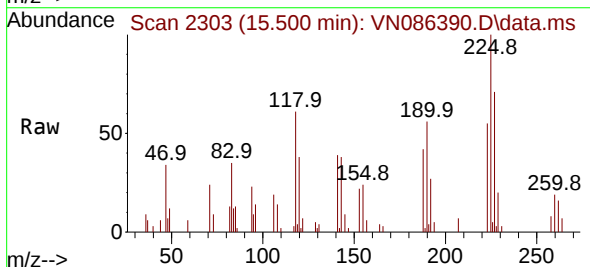
Tgt Ion:180 Resp: 36958
Ion Ratio Lower Upper
180 100
182 90.9 74.8 112.2
145 34.2 26.9 40.3

Manual Integrations
APPROVED

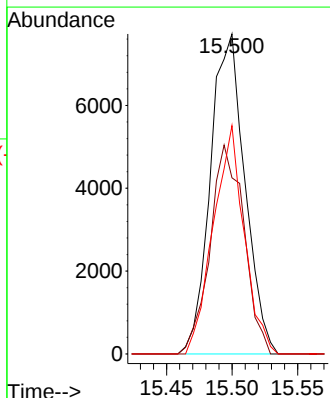
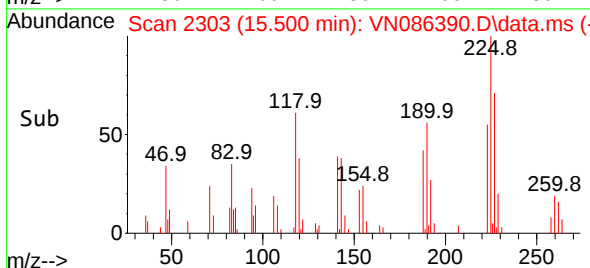
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

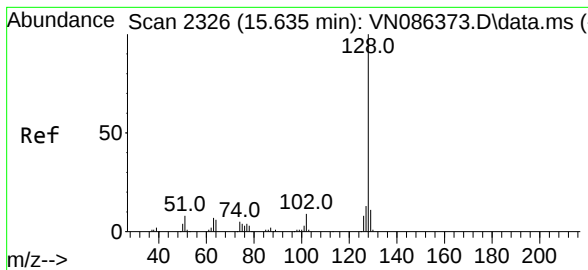


#90
Hexachlorobutadiene
Concen: 17.056 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25



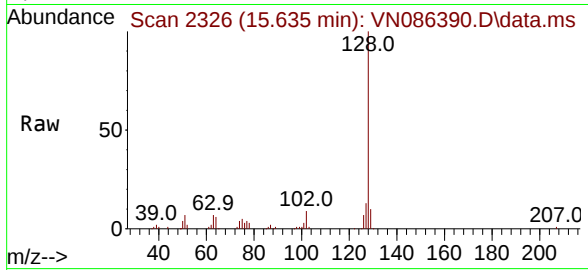
Tgt Ion:225 Resp: 14101
Ion Ratio Lower Upper
225 100
223 64.1 0.0 128.8
227 64.1 0.0 120.2





#91
Naphthalene
Concen: 18.086 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

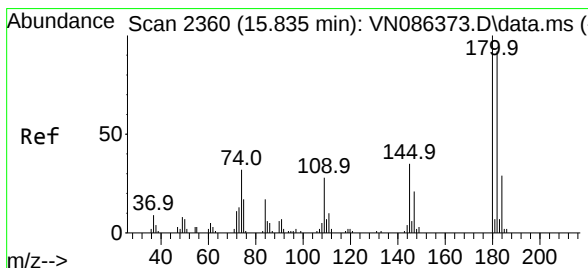
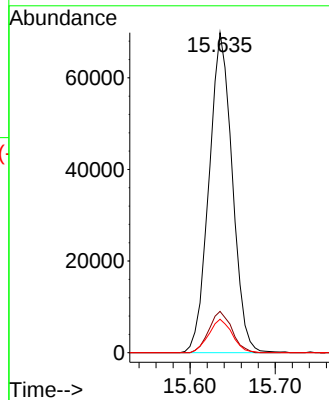
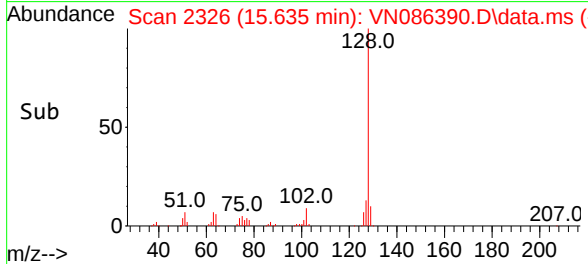
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 132898
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.007 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086390.D
Acq: 23 Apr 2025 18:25

Tgt Ion:180 Resp: 36958
Ion Ratio Lower Upper
180 100
182 90.9 0.0 187.0
145 34.2 0.0 67.2

