

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
 Data File : VN086373.D
 Acq On : 23 Apr 2025 09:45
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Apr 24 04:21:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 03:57:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	28897	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	176907	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	163017	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	86075	30.895	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.000%			
60) 4-Bromofluorobenzene	12.847	95	94119	29.376	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.933%			
63) Toluene-d8	10.559	98	270583	30.171	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.567%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40965	20.534	ug/l	100
3) Chloromethane	2.365	50	55943	19.741	ug/l	100
4) Vinyl Chloride	2.518	62	54265	19.993	ug/l	100
5) Bromomethane	2.965	94	28909	20.401	ug/l	100
6) Chloroethane	3.124	64	36185	19.998	ug/l	100
7) Trichlorofluoromethane	3.500	101	65562	20.464	ug/l	100
8) Diethyl Ether	3.959	74	26673	19.723	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	39448	20.028	ug/l	100
10) 1,1-Dichloroethene	4.342	96	40368	20.024	ug/l	100
11) Methyl Iodide	4.595	142	46703	19.800	ug/l	100
12) Methyl Acetate	5.018	43	57880	20.256	ug/l	100
13) Acrolein	4.177	56	12298m	83.896	ug/l	
14) Acrylonitrile	5.712	53	106580	100.220	ug/l	100
15) Acetone	4.424	58	26827	91.547	ug/l	100
16) Carbon Disulfide	4.712	76	107956	20.323	ug/l	100
17) Allyl chloride	5.024	41	62671	19.442	ug/l	100
18) Methylene Chloride	5.277	84	45816	19.957	ug/l	100
19) trans-1,2-Dichloroethene	5.783	96	42390	19.728	ug/l	100
20) Diisopropyl ether	6.671	45	150643	19.655	ug/l	100
21) 1,1-Dichloroethane	6.565	63	83307	19.857	ug/l	100
22) cis-1,2-Dichloroethene	7.483	96	52755	19.635	ug/l	100
23) tert-Butyl Alcohol	5.512	59	43778	106.266	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	148542	19.943	ug/l	100
25) Chloroform	7.965	83	85942	20.241	ug/l	100
26) Cyclohexane	8.253	56	72755	19.641	ug/l #	100
29) 1,1-Dichloropropene	8.365	75	59648	19.126	ug/l	100
30) 2-Butanone	7.477	43	145888	96.376	ug/l	100
31) 2,2-Dichloropropane	7.488	77	77657	19.370	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	72334	19.409	ug/l	100
33) Carbon Tetrachloride	8.359	117	59965	19.546	ug/l	100
34) Benzene	8.600	78	192789	19.435	ug/l	100
35) Methacrylonitrile	7.777	41	35245	20.411	ug/l	100
36) 1,2-Dichloroethane	8.665	62	62808	19.502	ug/l	100
37) Trichloroethene	9.347	130	46850	18.866	ug/l	100
38) Methylcyclohexane	9.600	83	69428	19.275	ug/l	100
39) 1,2-Dichloropropane	9.618	63	47394	19.340	ug/l	100
40) Dibromomethane	9.706	93	32116	19.597	ug/l	100
41) Bromodichloromethane	9.882	83	67347	19.419	ug/l	100
42) Vinyl Acetate	6.600	43	518356	98.852	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	55894	18.658	ug/l	100
44) Isopropyl Acetate	8.682	43	109922	19.334	ug/l	100
45) 1,4-Dioxane	9.694	88	17979	405.300	ug/l	100
46) Methyl methacrylate	9.677	41	50790	19.367	ug/l	100
47) n-amyl Acetate	12.488	43	92290	19.045	ug/l	100
48) t-1,3-Dichloropropene	10.829	75	74180	19.132	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	78337	19.159	ug/l	100
50) 1,1,2-Trichloroethane	11.012	97	45121	19.712	ug/l	100
51) Ethyl methacrylate	10.871	69	76257	19.128	ug/l	100
52) 1,3-Dichloropropane	11.159	76	78642	19.439	ug/l	100
53) Dibromochloromethane	11.353	129	49462	19.243	ug/l	100
54) 1,2-Dibromoethane	11.465	107	45261	19.447	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	182398	97.314	ug/l	100
56) Bromoform	12.576	173	32369	19.406	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	308775	97.881	ug/l	100
59) 2-Hexanone	11.194	43	227878	98.024	ug/l	100
61) Tetrachloroethene	11.100	164	46962	18.888	ug/l	100
62) Toluene	10.629	91	212695	19.492	ug/l	100
64) Chlorobenzene	11.888	112	132119	19.432	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	43742	19.241	ug/l	100
66) Ethyl Benzene	11.959	91	237663	19.350	ug/l	100
67) m/p-Xylenes	12.065	106	179085	38.428	ug/l	100
68) o-Xylene	12.394	106	87377	19.149	ug/l	100
69) Styrene	12.406	104	146815	18.983	ug/l	100
70) Isopropylbenzene	12.694	105	219637	19.283	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	61516	20.511	ug/l	100
72) 1,2,3-Trichloropropane	12.988	75	50447m	19.411	ug/l	
73) Bromobenzene	12.976	156	50559	19.307	ug/l	100
74) n-propylbenzene	13.029	91	256755	18.969	ug/l	100
75) 2-Chlorotoluene	13.123	91	162370	19.217	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	177449	18.987	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	24753	18.653	ug/l	100
78) 4-Chlorotoluene	13.217	91	156935	18.576	ug/l	100
79) tert-butylbenzene	13.435	119	152667	19.073	ug/l	100
80) 1,2,4-Trimethylbenzene	13.476	105	180860	18.949	ug/l	100
81) sec-Butylbenzene	13.612	105	213493	18.686	ug/l	100
82) p-Isopropyltoluene	13.723	119	175002	18.304	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	90643	18.311	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	89707	18.342	ug/l	100
85) n-Butylbenzene	14.053	91	153480	17.991	ug/l	100
86) Hexachloroethane	14.329	117	28629	18.313	ug/l	100
87) 1,2-Dichlorobenzene	14.100	146	86899	18.450	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11084	18.182	ug/l	100
89) 1,2,4-Trichlorobenzene	15.835	180	37802	17.609	ug/l	100
90) Hexachlorobutadiene	15.494	225	15432	17.847	ug/l	100
91) Naphthalene	15.635	128	135497	17.630	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	37802	17.609	ug/l	100

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

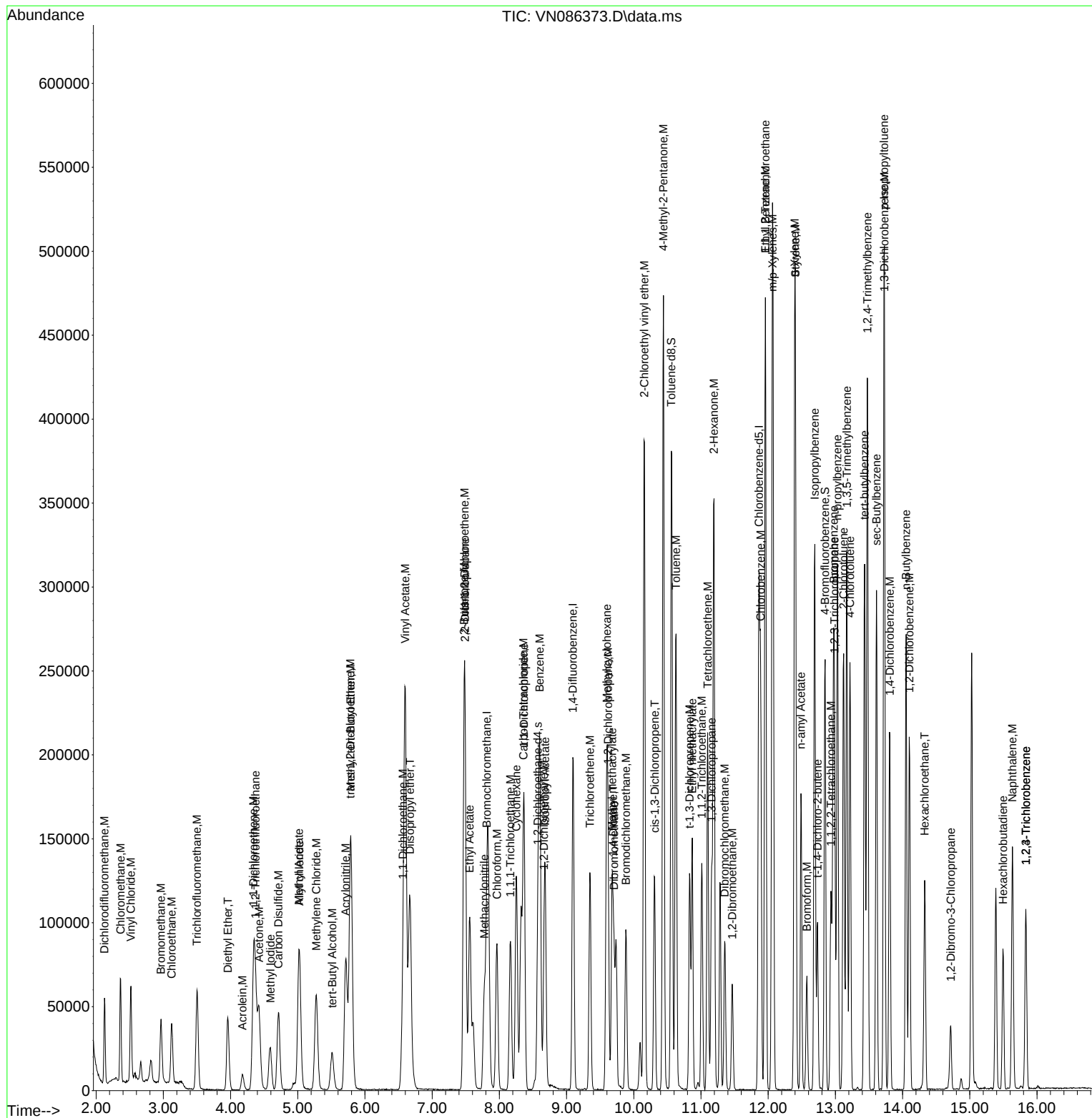
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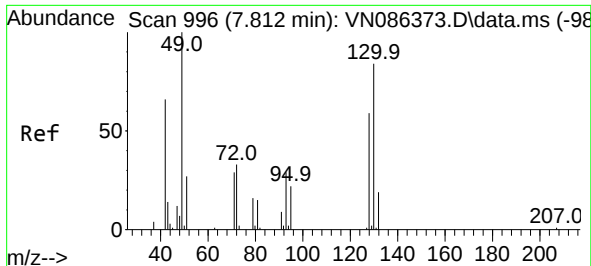
Instrument :
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ClientSampleId :
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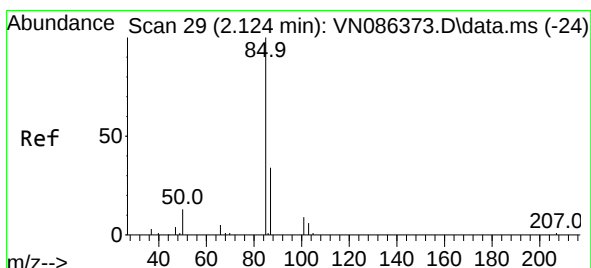
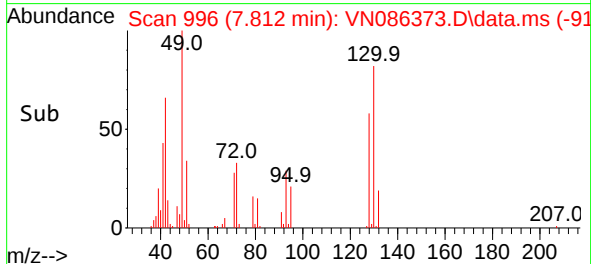
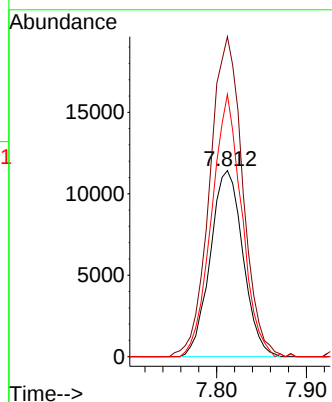
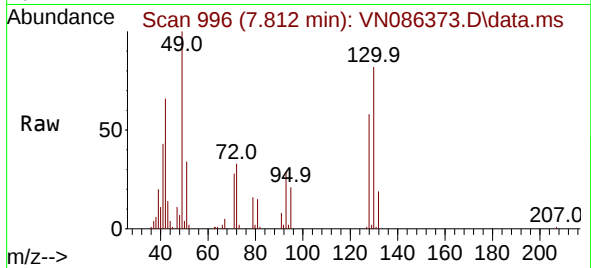
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
128	100		
49	173.5	0.0	433.8
130	130.0	0.0	325.0

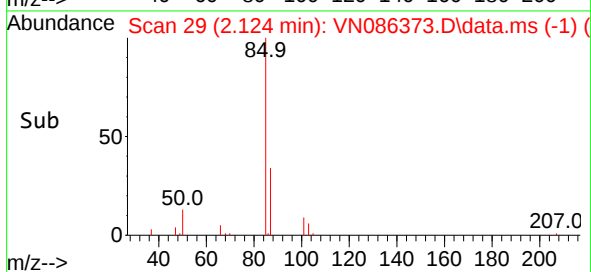
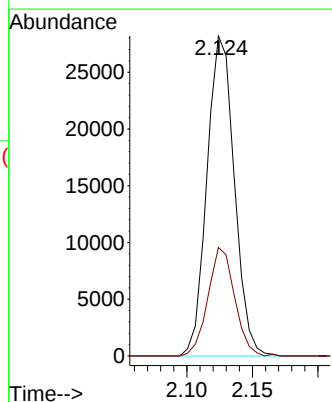
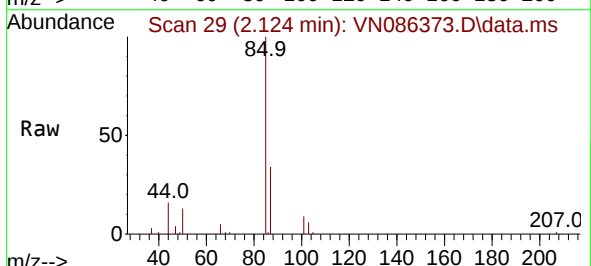
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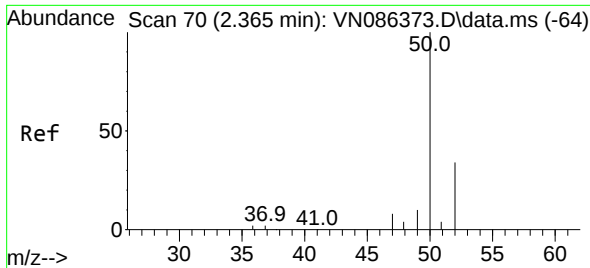
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#2
Dichlorodifluoromethane
Concen: 20.534 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.9	17.0	50.9





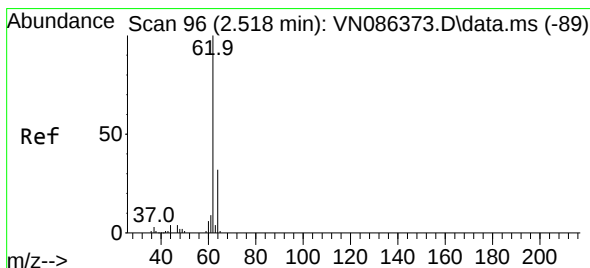
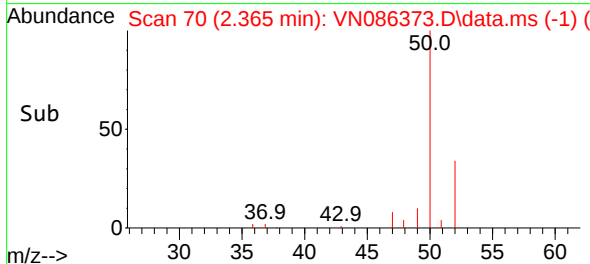
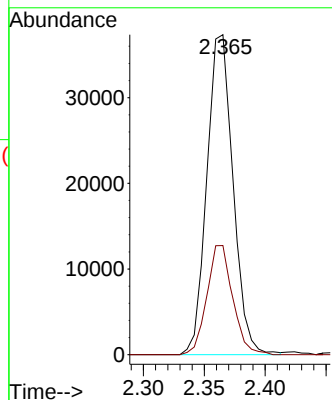
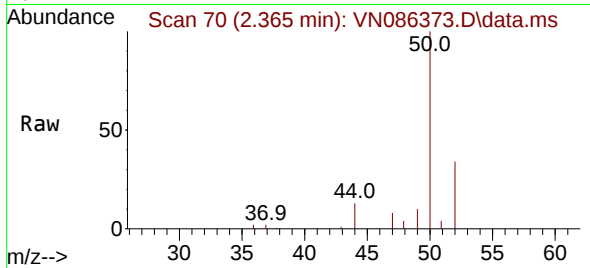
#3
Chloromethane
Concen: 19.741 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 5594
Ion Ratio Lower Upper
50 100
52 34.1 27.3 40.9

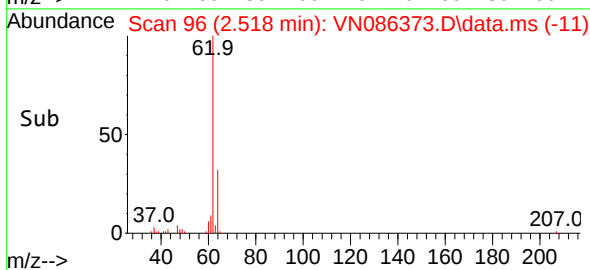
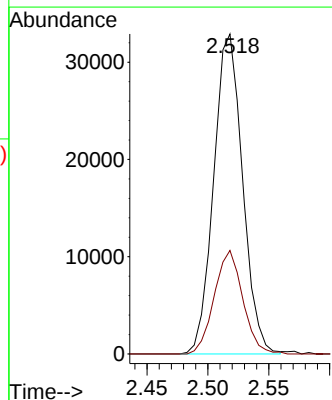
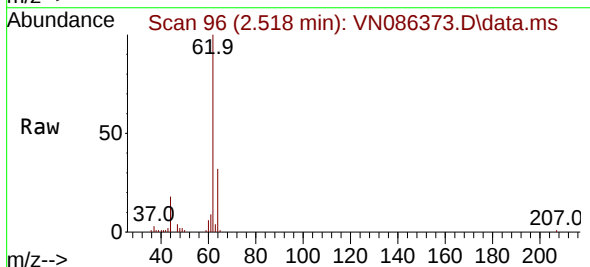
Manual Integrations
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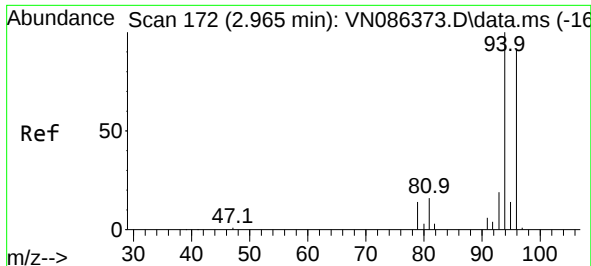
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#4
Vinyl Chloride
Concen: 19.993 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

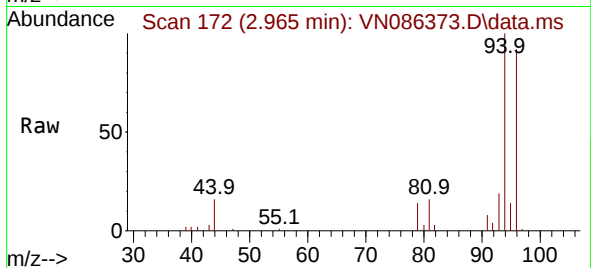
Tgt Ion: 62 Resp: 54265
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.8





#5
Bromomethane
Concen: 20.401 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

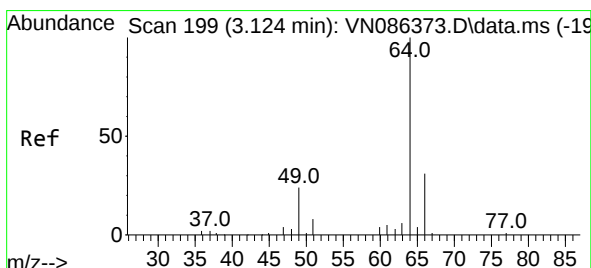
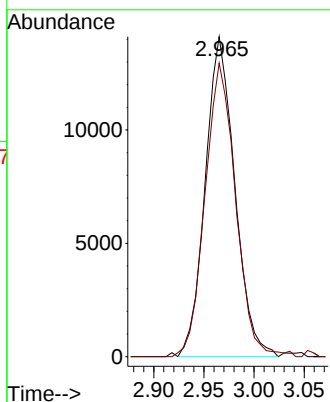
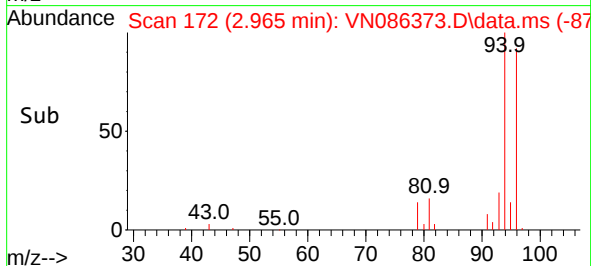
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 28909
Ion Ratio Lower Upper
94 100
96 90.5 72.4 108.6

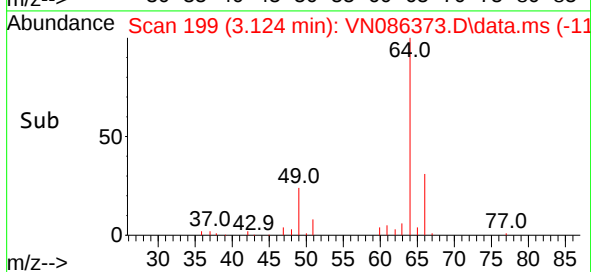
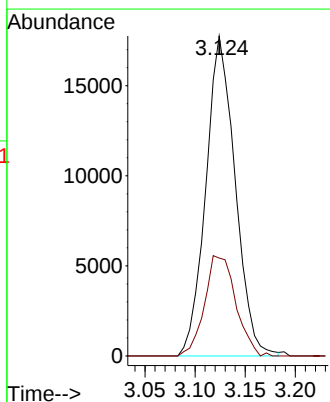
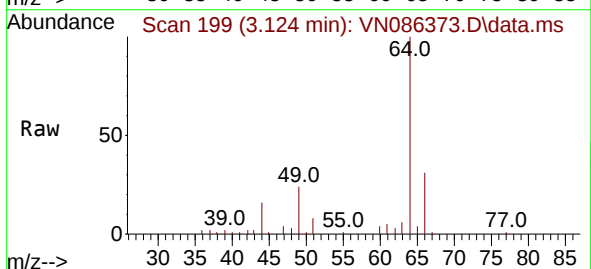
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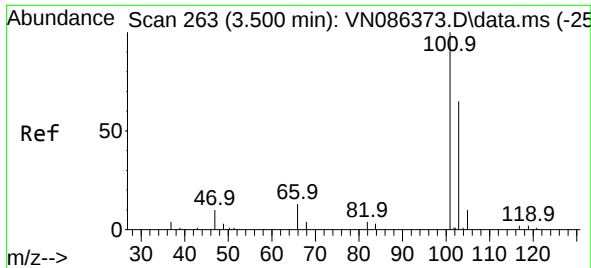
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#6
Chloroethane
Concen: 19.998 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

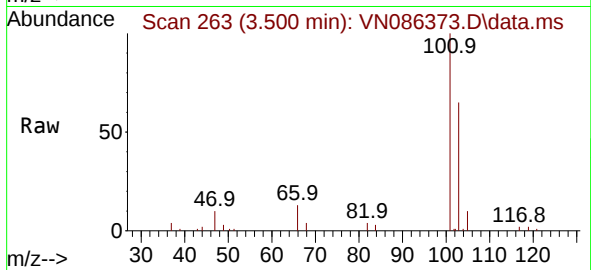
Tgt Ion: 64 Resp: 36185
Ion Ratio Lower Upper
64 100
66 30.6 24.5 36.7





#7
 Trichlorofluoromethane
 Concen: 20.464 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086373.D
 Acq: 23 Apr 2025 09:45

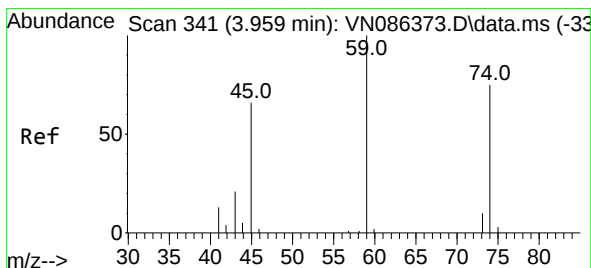
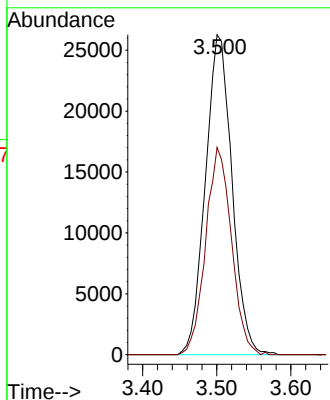
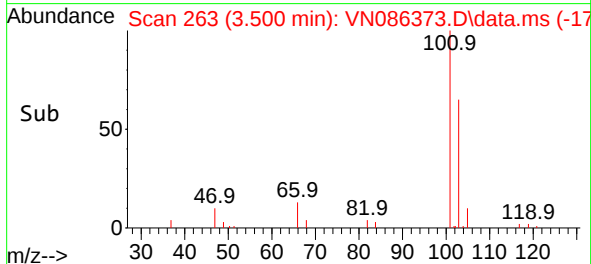
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion:101 Resp: 65562
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.6

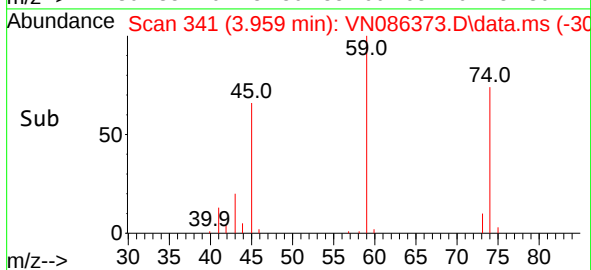
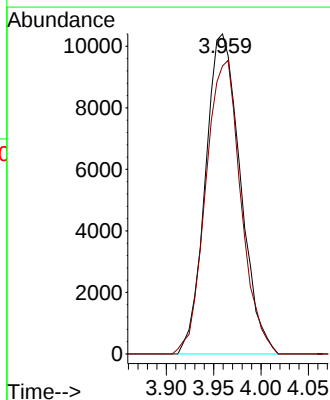
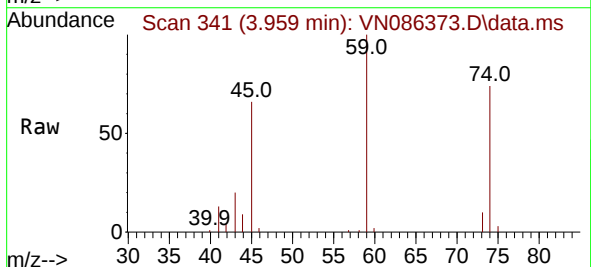
Manual Integrations
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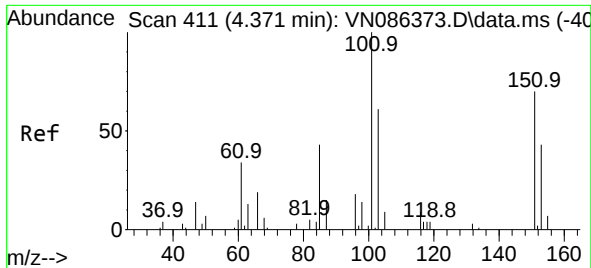
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#8
 Diethyl Ether
 Concen: 19.723 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086373.D
 Acq: 23 Apr 2025 09:45

Tgt Ion: 74 Resp: 26673
 Ion Ratio Lower Upper
 74 100
 45 92.4 18.5 166.3





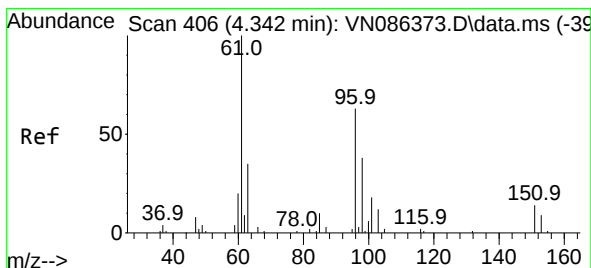
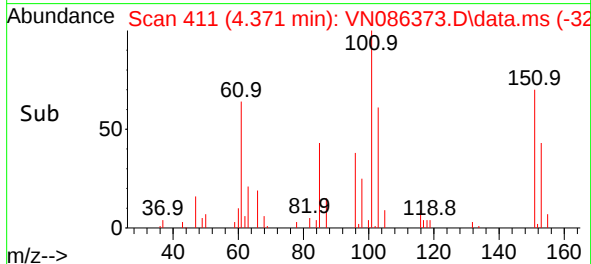
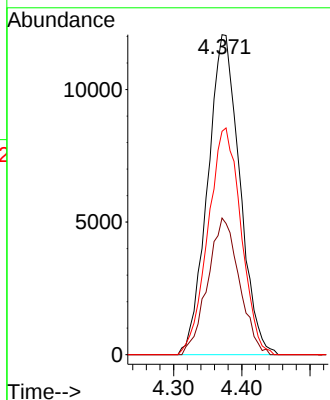
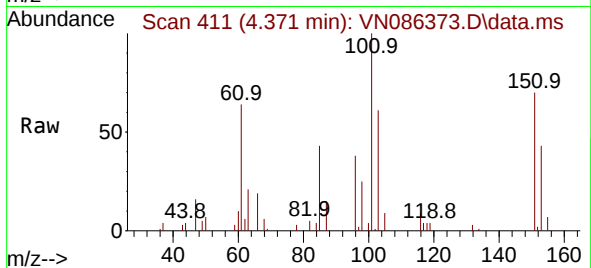
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.028 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
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ClientSampleId :
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Tgt Ion: 101 Resp: 3944
Ion Ratio Lower Upper
101 100
85 42.2 0.0 84.4
151 72.9 0.0 145.8

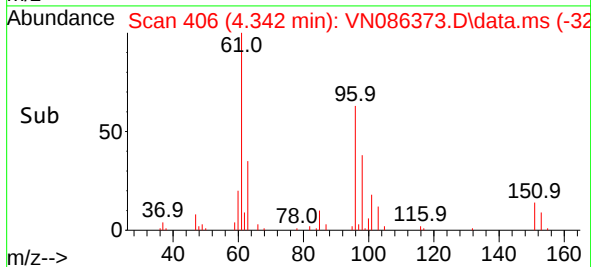
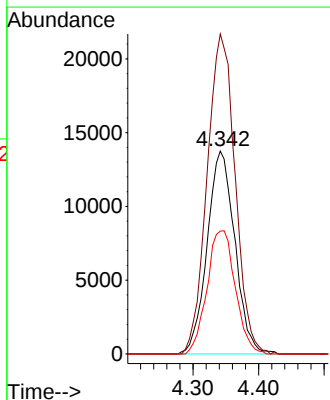
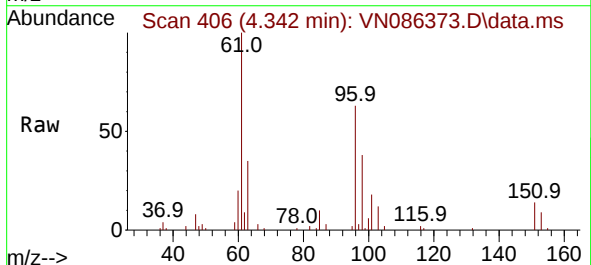
Manual Integrations
APPROVED

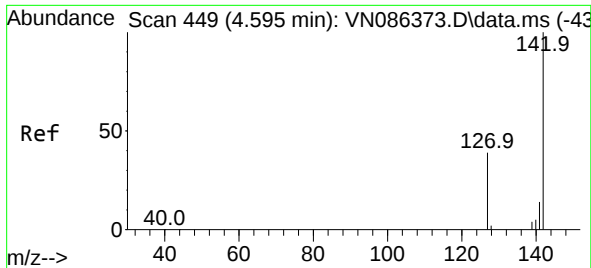
Reviewed By : John Carlone 04/24/2025
Supervised By : Mahesh Dadoda 04/25/2025



#10
1,1-Dichloroethene
Concen: 20.024 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

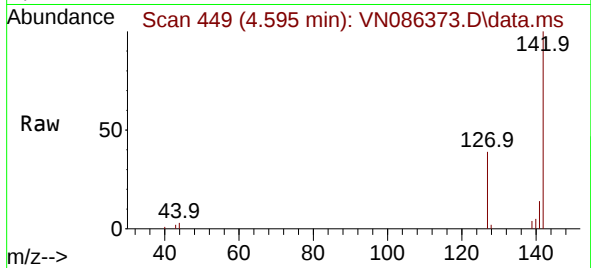
Tgt Ion: 96 Resp: 40368
Ion Ratio Lower Upper
96 100
61 157.8 126.2 189.4
98 60.6 48.5 72.7





#11
Methyl Iodide
Concen: 19.800 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

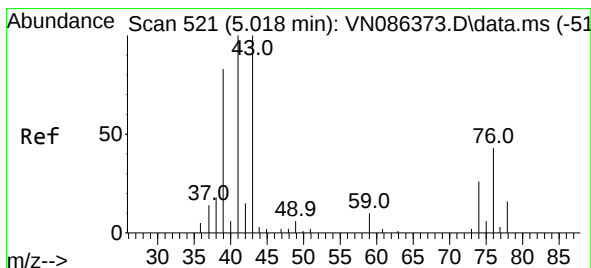
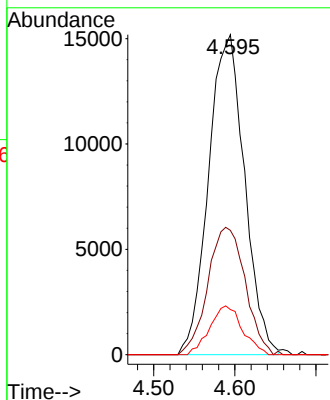
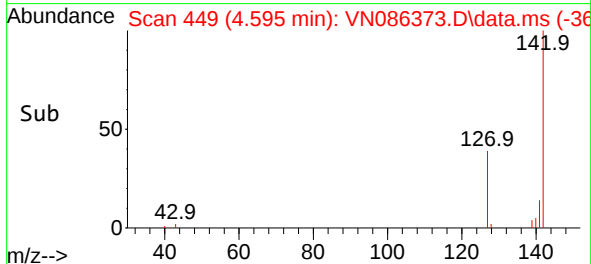
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC020



Tgt Ion:142 Resp: 4670
Ion Ratio Lower Upper
142 100
127 38.6 19.3 57.9
141 14.2 7.1 21.3

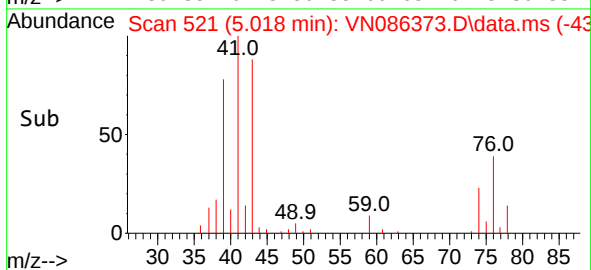
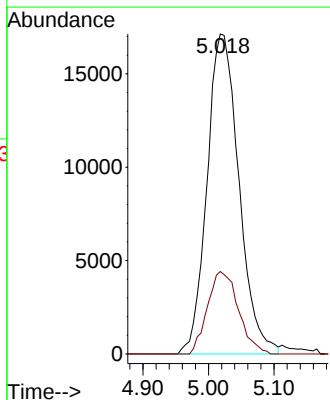
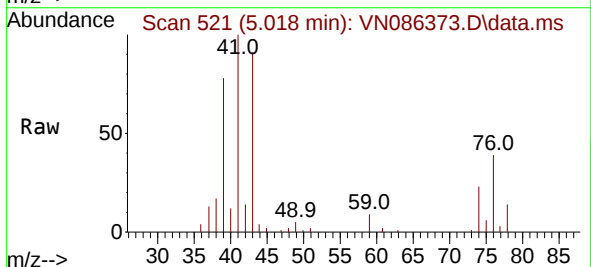
Manual Integrations
APPROVED

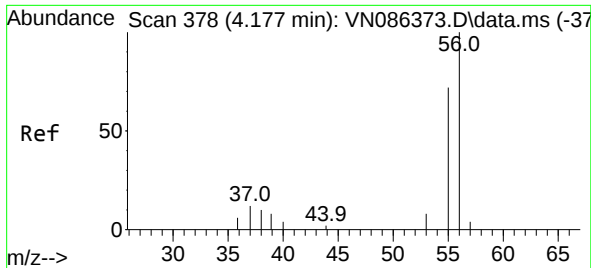
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#12
Methyl Acetate
Concen: 20.256 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

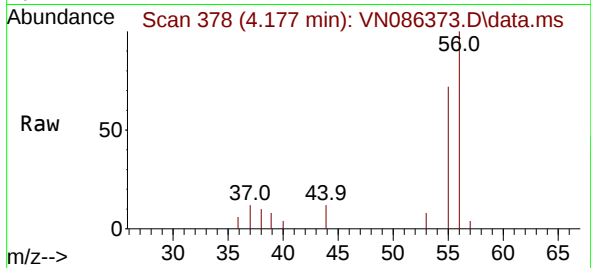
Tgt Ion: 43 Resp: 57880
Ion Ratio Lower Upper
43 100
74 26.0 20.8 31.2





#13
Acrolein
Concen: 83.896 ug/l m
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

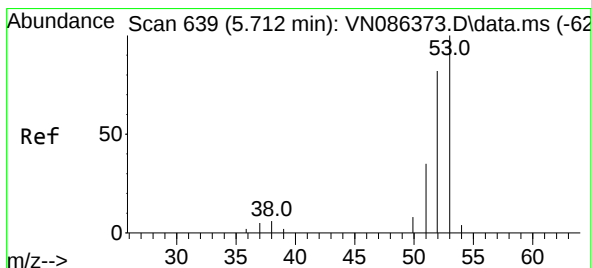
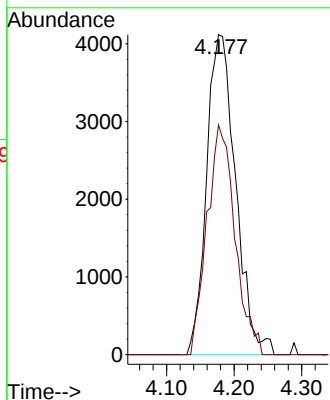
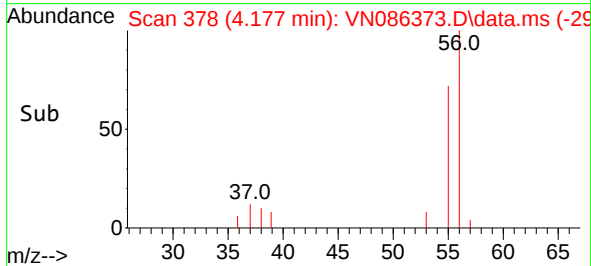
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



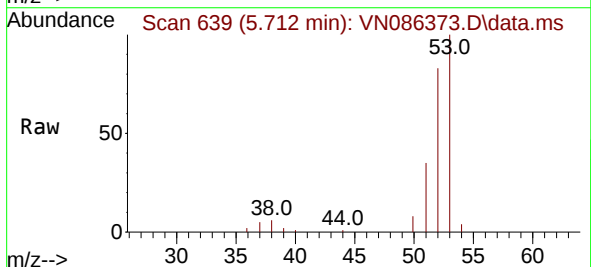
Tgt Ion: 56 Resp: 12298
Ion Ratio Lower Upper
56 100
55 68.9 56.1 84.1

Manual Integrations
APPROVED

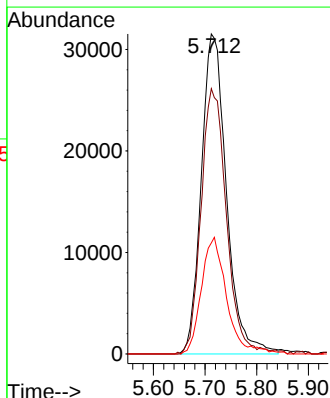
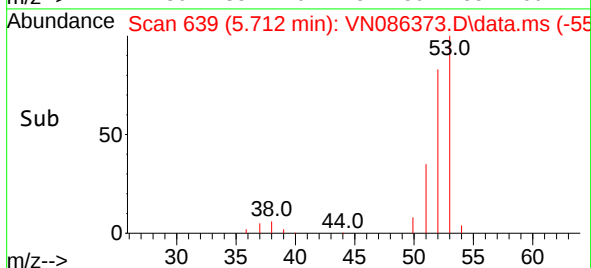
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

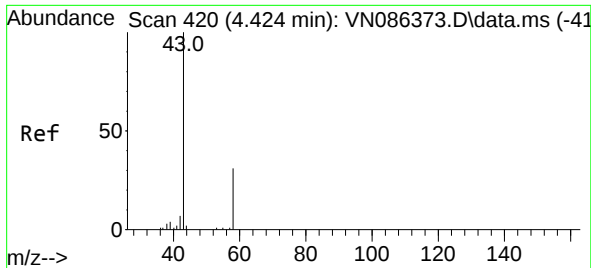


#14
Acrylonitrile
Concen: 100.220 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45



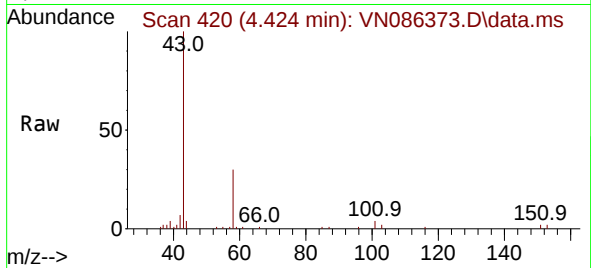
Tgt Ion: 53 Resp: 106580
Ion Ratio Lower Upper
53 100
52 82.4 41.2 123.6
51 35.2 17.6 52.8





#15
Acetone
Concen: 91.547 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

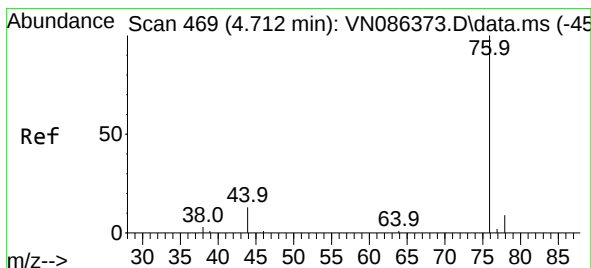
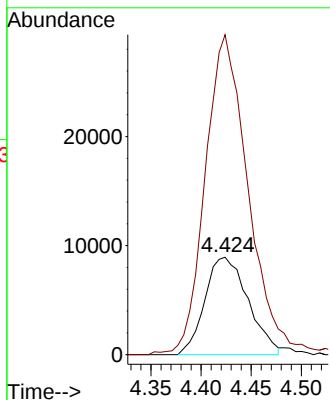
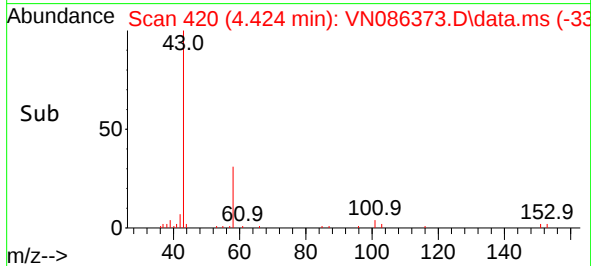
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 58 Resp: 2682
Ion Ratio Lower Upper
58 100
43 318.9 255.1 382.7

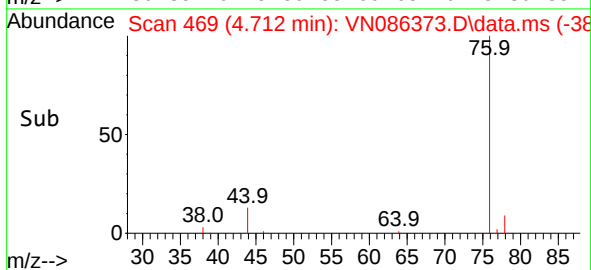
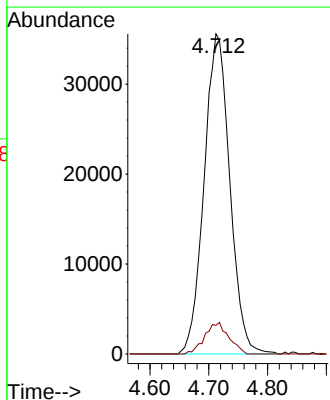
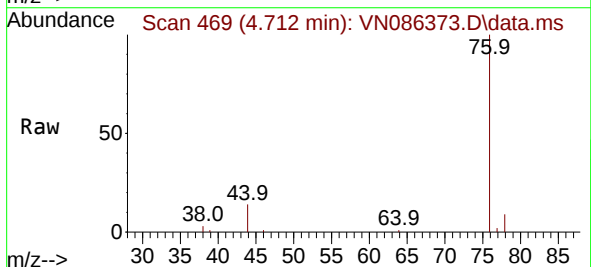
Manual Integrations
APPROVED

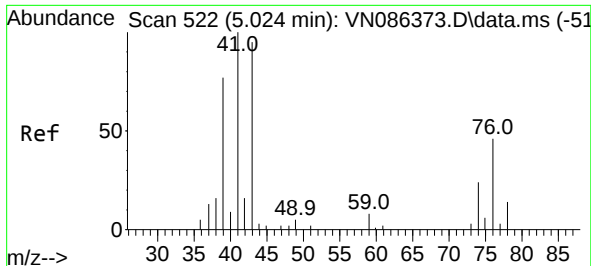
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#16
Carbon Disulfide
Concen: 20.323 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

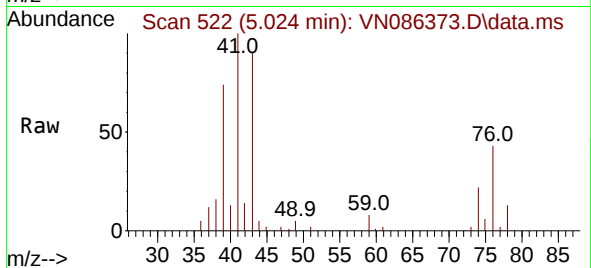
Tgt Ion: 76 Resp: 107956
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7





#17
 Allyl chloride
 Concen: 19.442 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN086373.D
 Acq: 23 Apr 2025 09:45

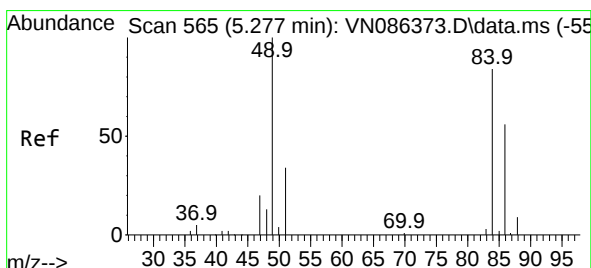
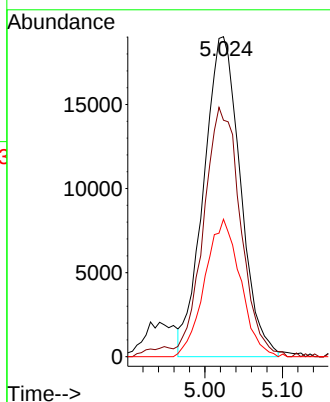
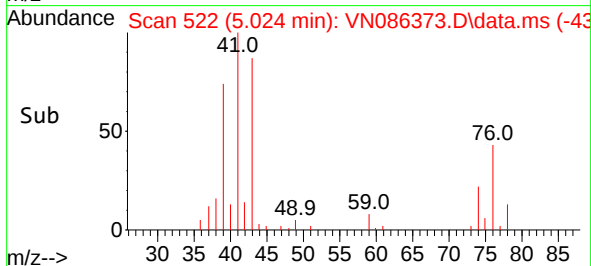
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 41 Resp: 6267
 Ion Ratio Lower Upper
 41 100
 39 73.4 36.7 110.1
 76 43.6 21.8 65.4

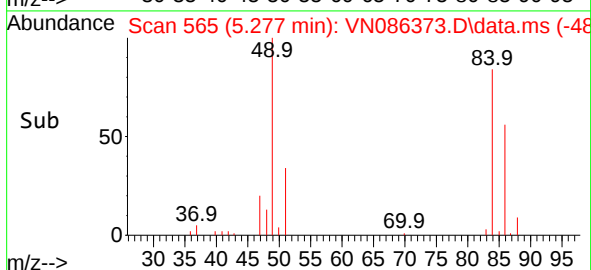
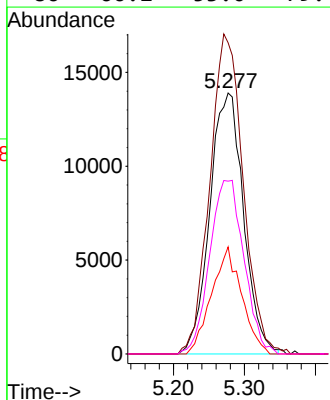
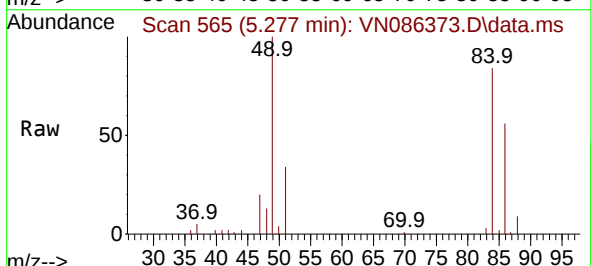
Manual Integrations
 APPROVED

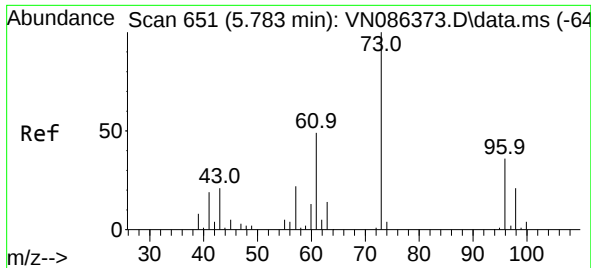
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#18
 Methylene Chloride
 Concen: 19.957 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN086373.D
 Acq: 23 Apr 2025 09:45

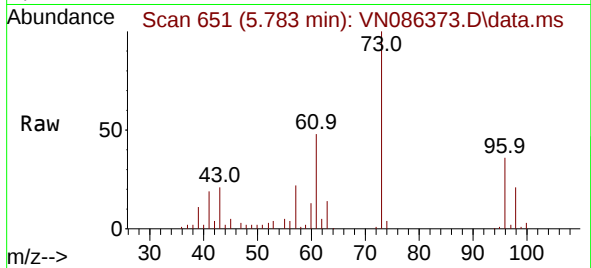
Tgt Ion: 84 Resp: 45816
 Ion Ratio Lower Upper
 84 100
 49 119.2 95.4 143.0
 51 41.0 32.8 49.2
 86 66.2 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 19.728 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

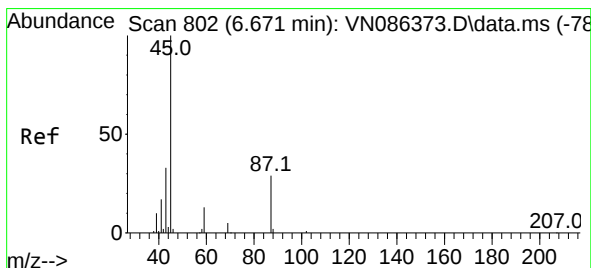
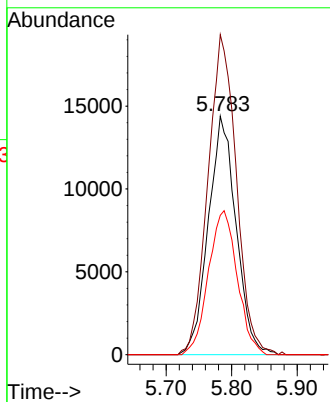
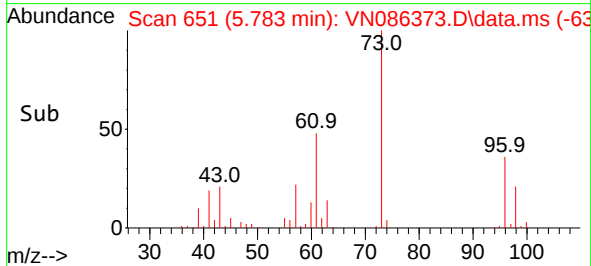
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 96 Resp: 42390
Ion Ratio Lower Upper
96 100
61 134.1 107.3 160.9
98 58.4 46.7 70.1

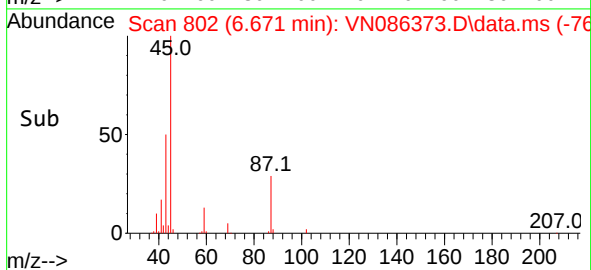
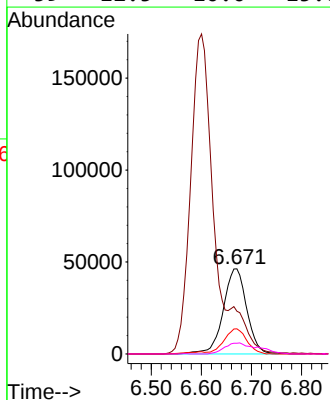
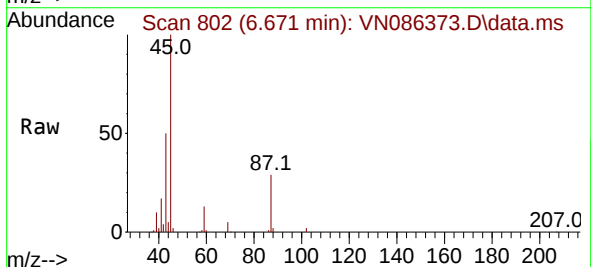
Manual Integrations
APPROVED

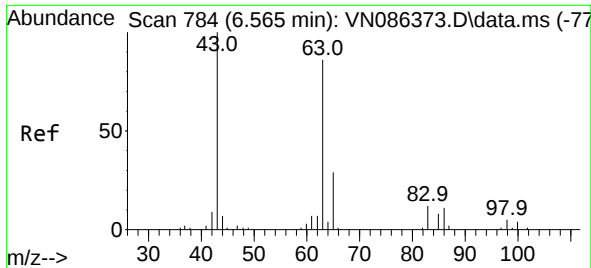
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#20
Diisopropyl ether
Concen: 19.655 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Tgt Ion: 45 Resp: 150643
Ion Ratio Lower Upper
45 100
43 48.5 38.8 58.2
87 29.4 23.5 35.3
59 12.5 10.0 15.0





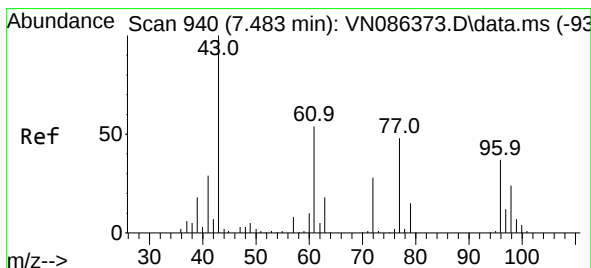
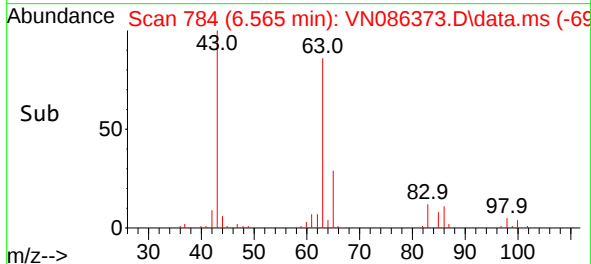
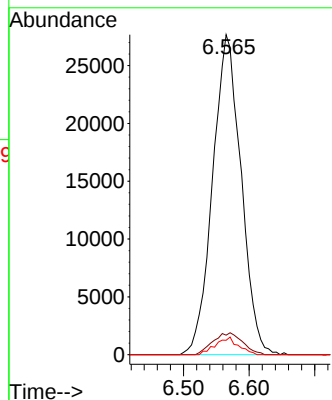
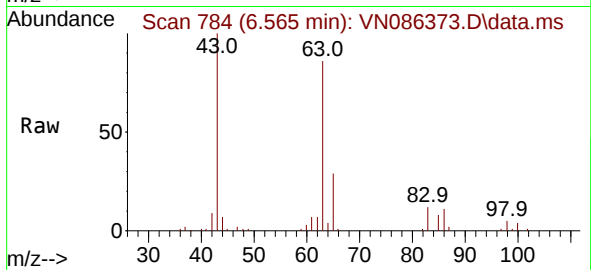
#21
1,1-Dichloroethane
Concen: 19.857 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 8330
Ion Ratio Lower Upper
63 100
98 6.1 3.0 9.2
100 4.5 2.3 6.8

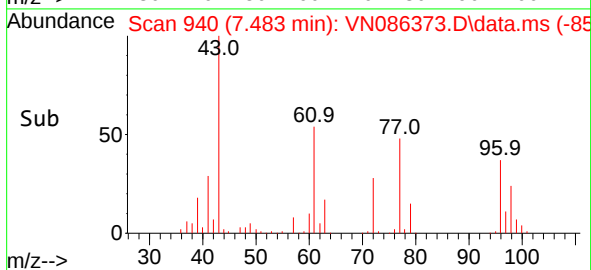
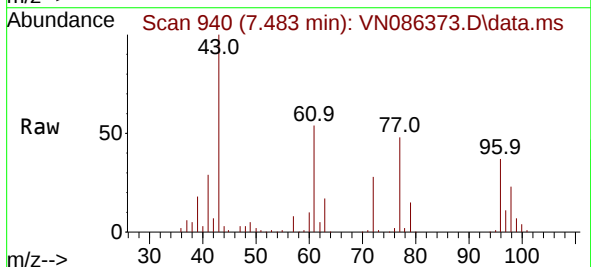
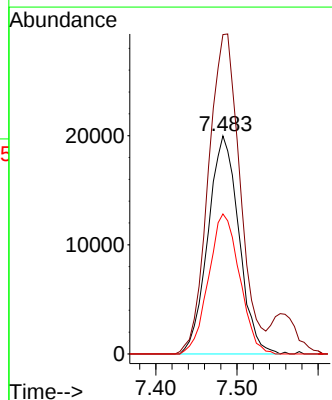
Manual Integrations
APPROVED

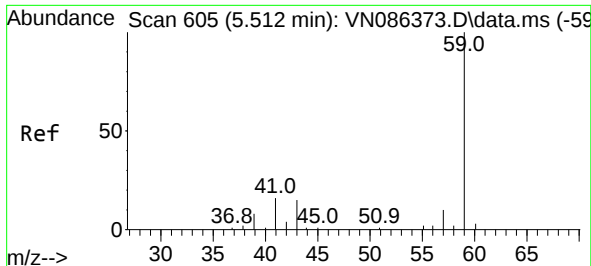
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#22
cis-1,2-Dichloroethene
Concen: 19.635 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

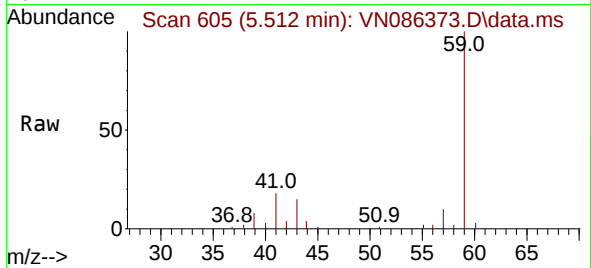
Tgt Ion: 96 Resp: 52755
Ion Ratio Lower Upper
96 100
61 150.8 120.6 181.0
98 64.7 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 106.266 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

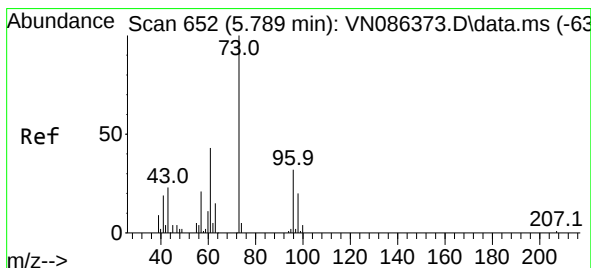
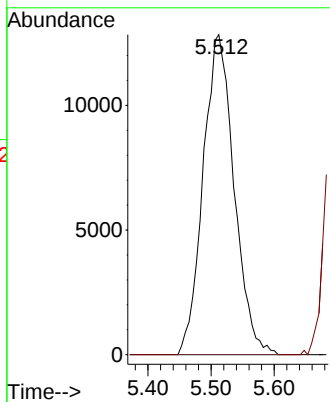
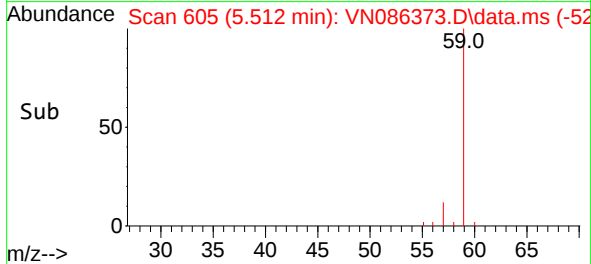
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 59 Resp: 43778
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1

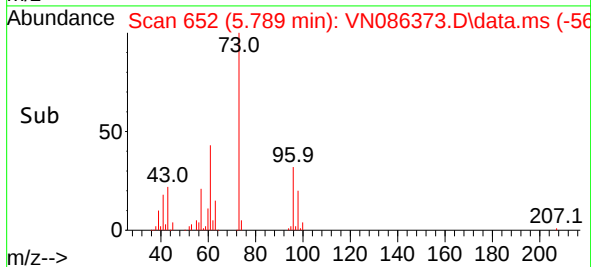
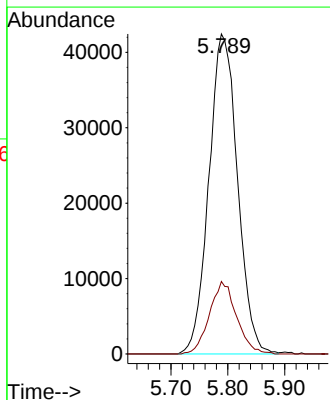
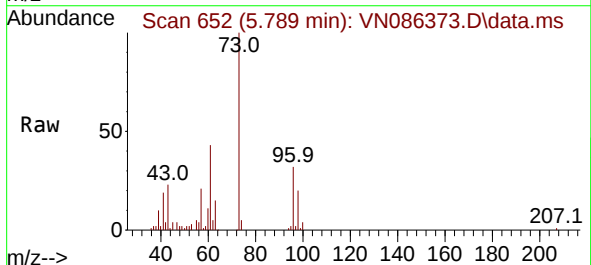
Manual Integrations
APPROVED

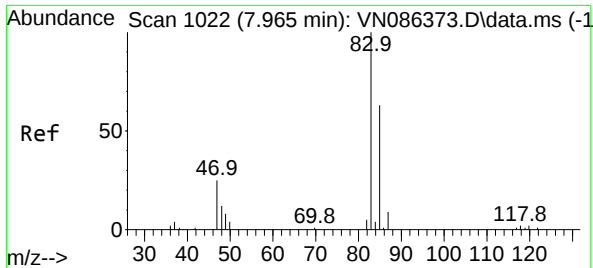
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#24
Methyl tert-Butyl Ether
Concen: 19.943 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Tgt Ion: 73 Resp: 148542
Ion Ratio Lower Upper
73 100
43 21.4 17.1 25.7





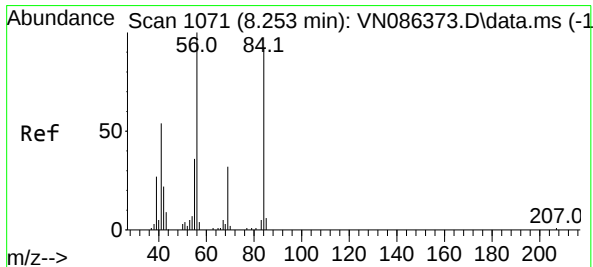
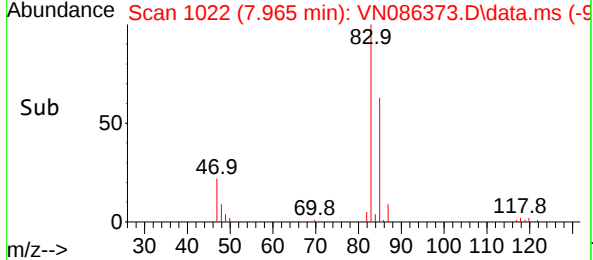
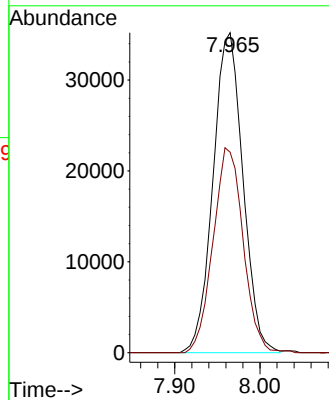
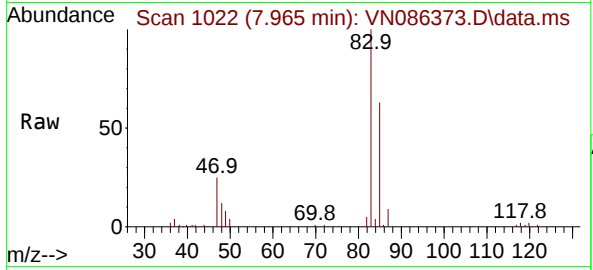
#25
Chloroform
Concen: 20.241 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 8594
Ion Ratio Lower Upper
83 100
85 62.7 50.2 75.2

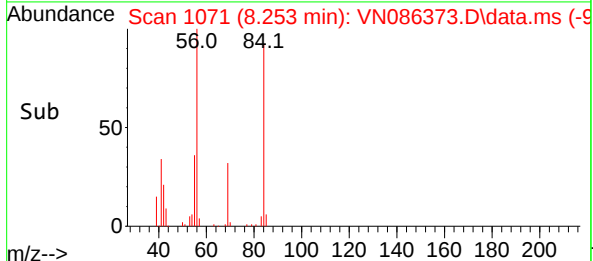
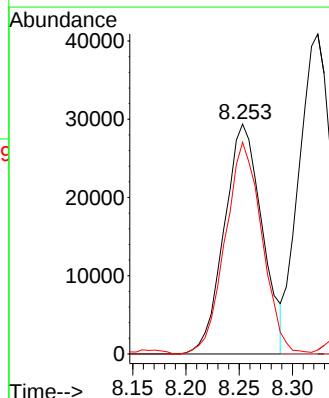
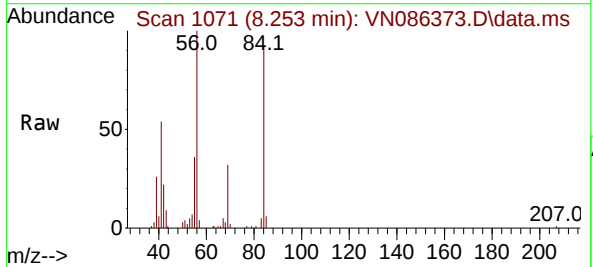
Manual Integrations
APPROVED

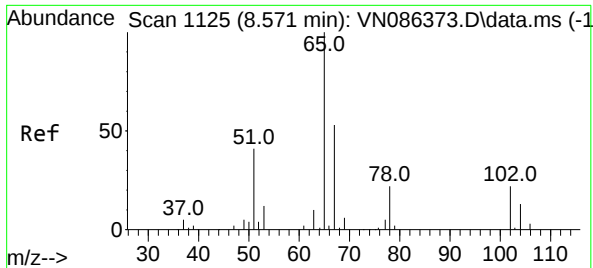
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#26
Cyclohexane
Concen: 19.641 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

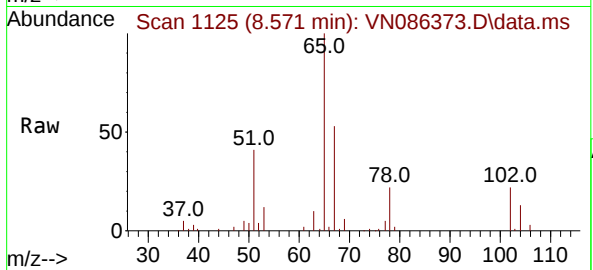
Tgt Ion: 56 Resp: 72755
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.4 71.5 107.3





#27
1,2-Dichloroethane-d4
Concen: 30.895 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

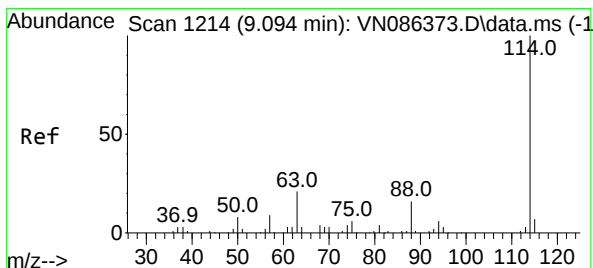
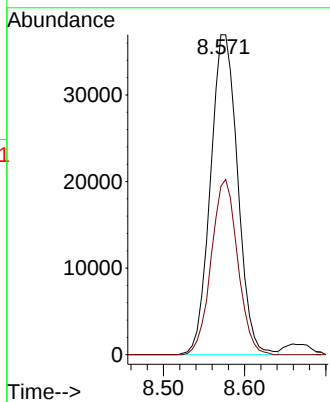
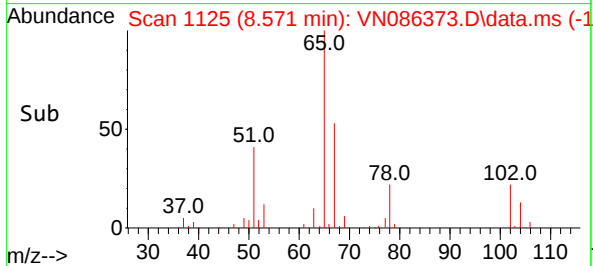
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



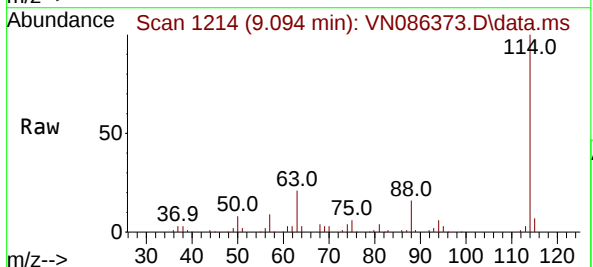
Tgt Ion: 65 Resp: 8607
Ion Ratio Lower Upper
65 100
67 53.1 42.5 63.7

Manual Integrations
APPROVED

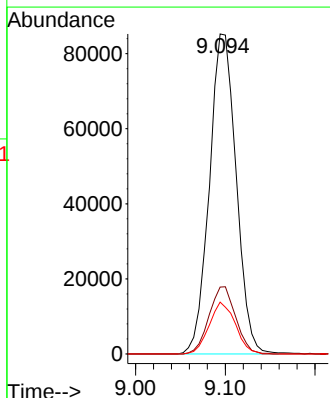
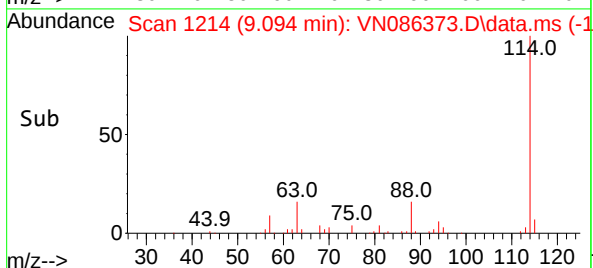
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

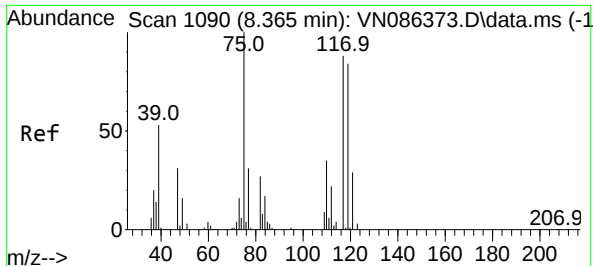


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45



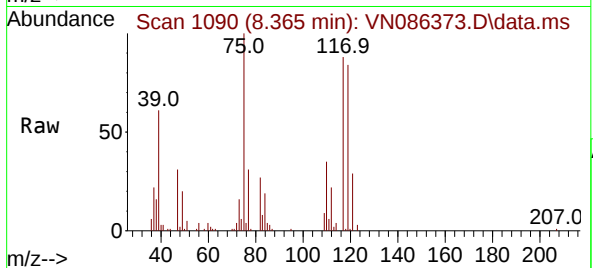
Tgt Ion:114 Resp: 176907
Ion Ratio Lower Upper
114 100
63 20.9 16.7 25.1
88 15.8 12.6 19.0





#29
1,1-Dichloropropene
Concen: 19.126 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

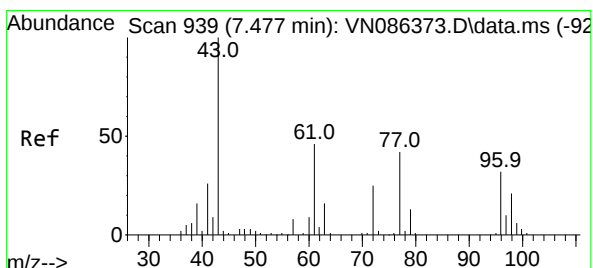
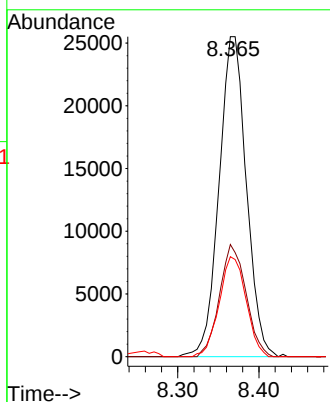
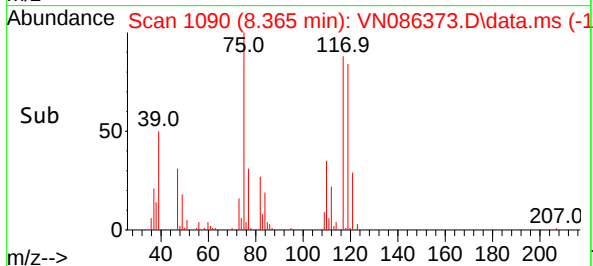
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75	Resp: 5964
Ion Ratio	Lower Upper
75 100	
110 34.0	0.0 68.0
77 30.7	0.0 61.4

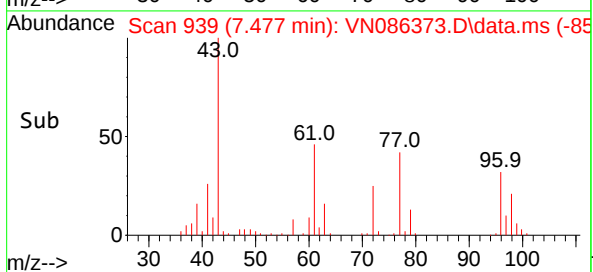
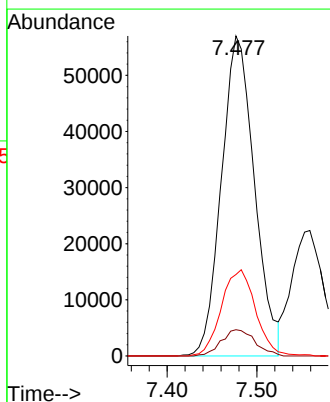
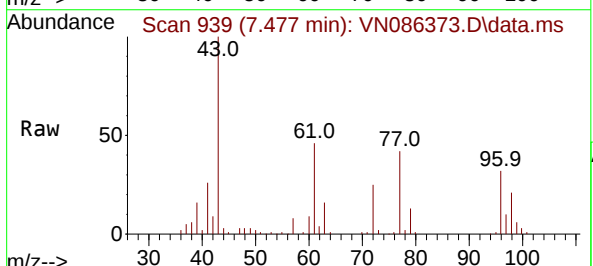
Manual Integrations
APPROVED

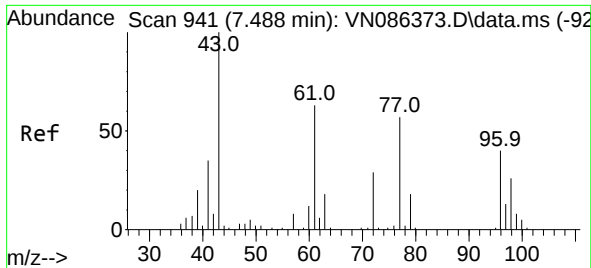
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#30
2-Butanone
Concen: 96.376 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Tgt Ion: 43	Resp: 145888
Ion Ratio	Lower Upper
43 100	
57 8.3	6.6 10.0
72 27.8	22.2 33.4





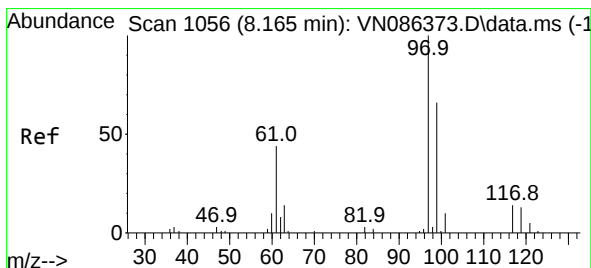
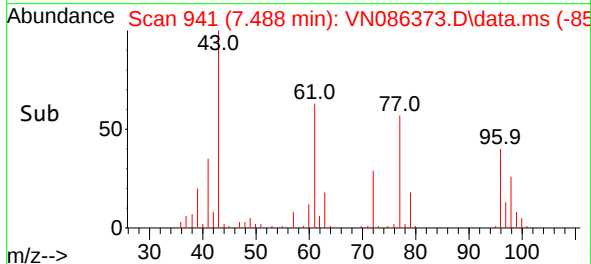
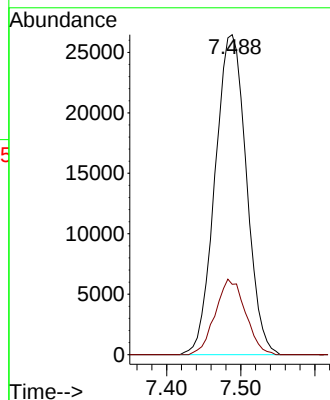
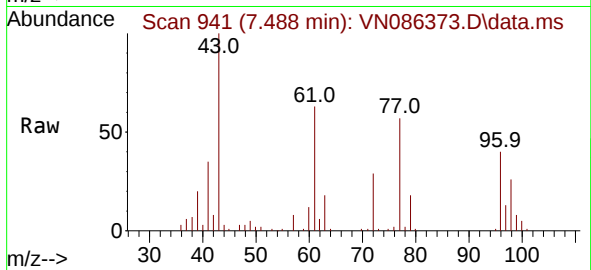
#31
2,2-Dichloropropane
Concen: 19.370 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 7765
Ion Ratio Lower Upper
77 100
97 22.7 18.2 27.2

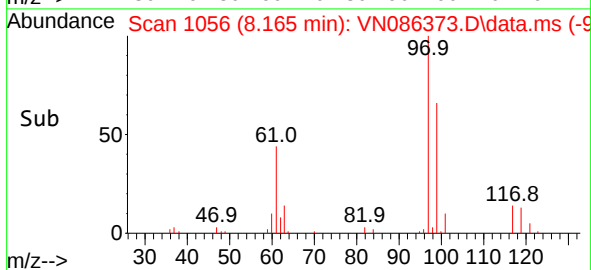
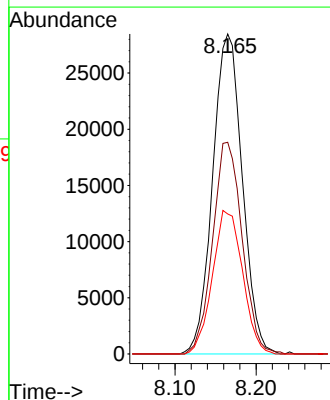
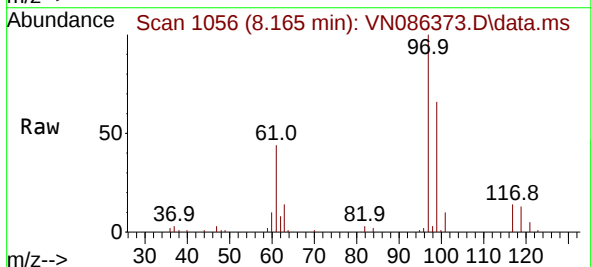
Manual Integrations
APPROVED

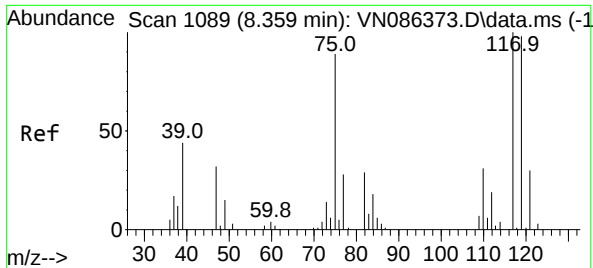
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#32
1,1,1-Trichloroethane
Concen: 19.409 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

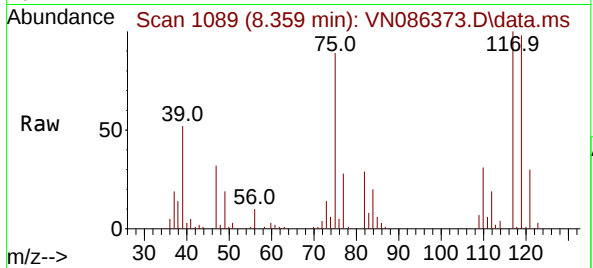
Tgt Ion: 97 Resp: 72334
Ion Ratio Lower Upper
97 100
99 65.8 52.6 79.0
61 45.5 36.4 54.6





#33
Carbon Tetrachloride
Concen: 19.546 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

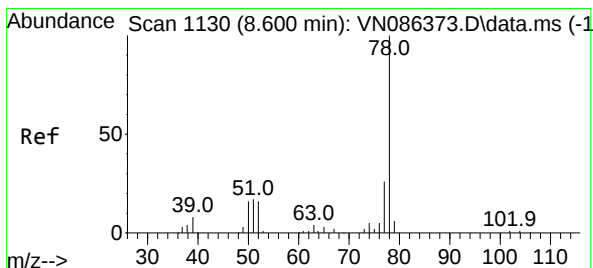
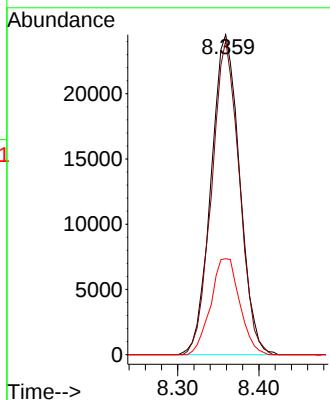
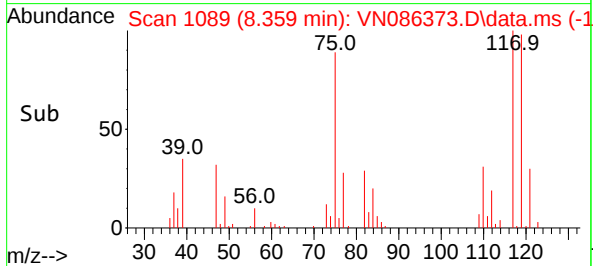
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



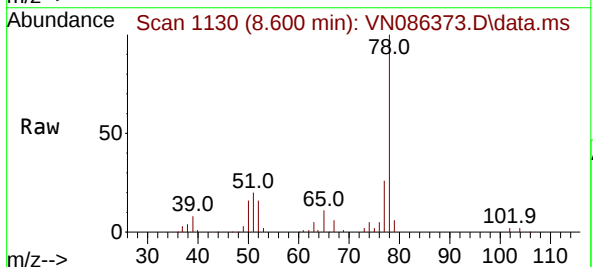
Tgt Ion: 117 Resp: 5996
Ion Ratio Lower Upper
117 100
119 98.2 78.6 117.8
121 30.0 24.0 36.0

Manual Integrations
APPROVED

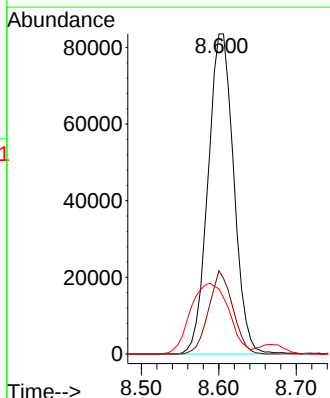
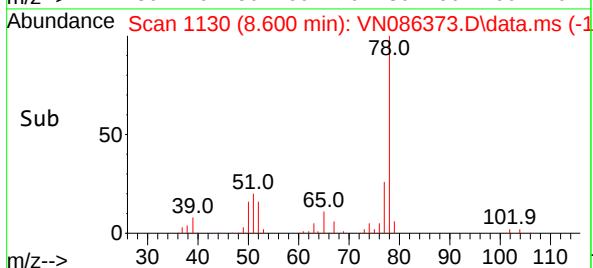
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

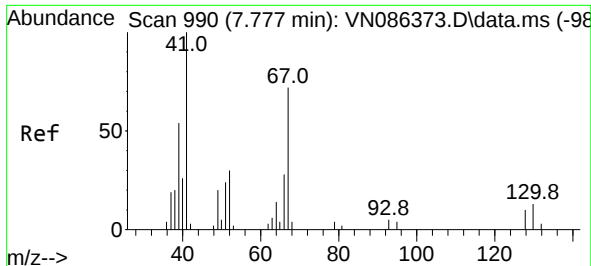


#34
Benzene
Concen: 19.435 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45



Tgt Ion: 78 Resp: 192789
Ion Ratio Lower Upper
78 100
77 26.0 20.8 31.2
51 17.5 14.0 21.0





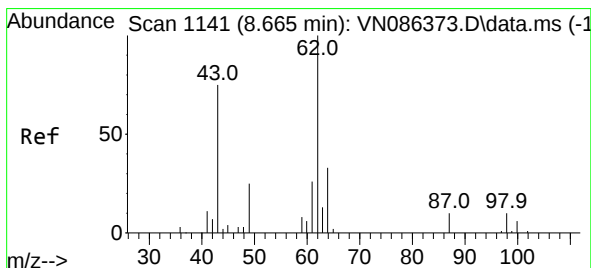
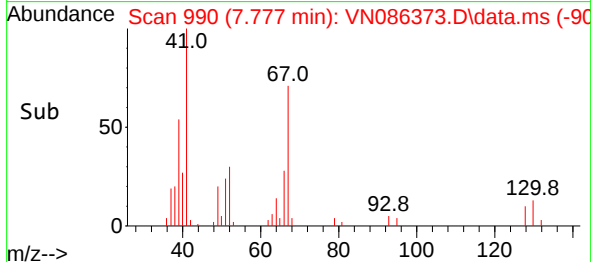
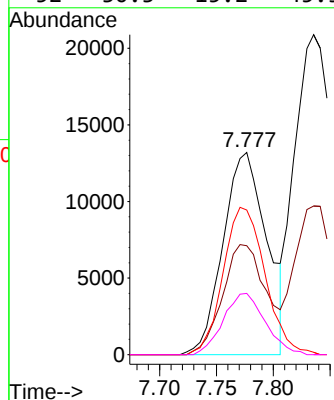
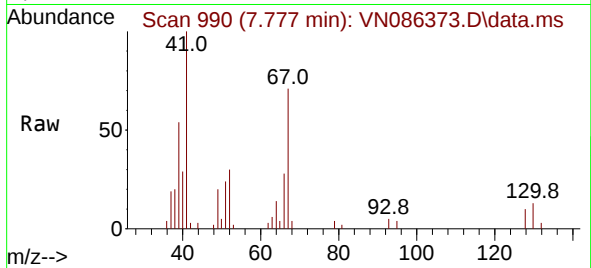
#35
Methacrylonitrile
Concen: 20.411 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 41 Resp: 35249
Ion Ratio Lower Upper
41 100
39 53.9 27.0 80.8
67 71.5 35.8 107.3
52 30.3 15.2 45.5

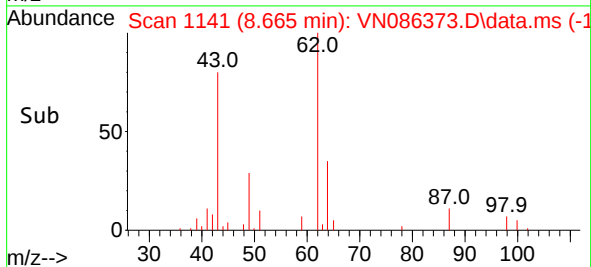
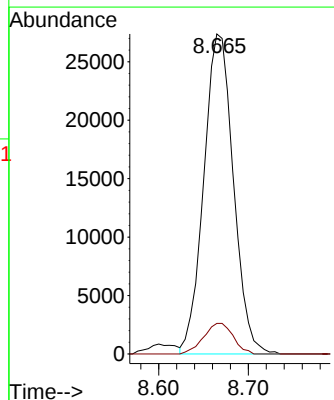
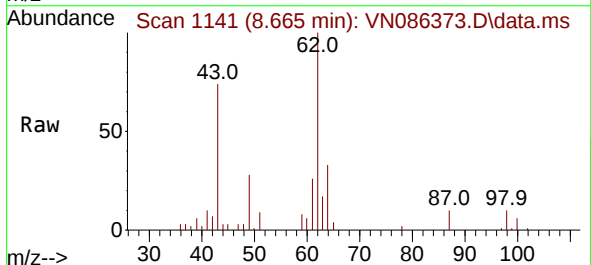
Manual Integrations
APPROVED

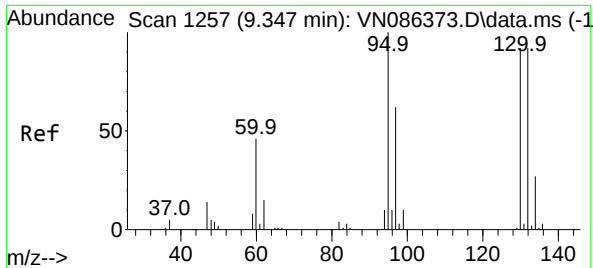
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#36
1,2-Dichloroethane
Concen: 19.502 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Tgt Ion: 62 Resp: 62808
Ion Ratio Lower Upper
62 100
98 9.5 7.6 11.4





#37

Trichloroethene

Concen: 18.866 ug/l

RT: 9.347 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086373.D

Acq: 23 Apr 2025 09:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:130 Resp: 46850

Ion Ratio Lower Upper

130 100

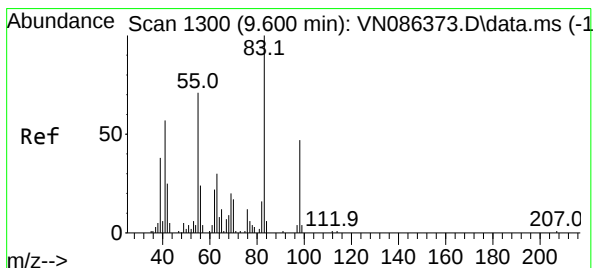
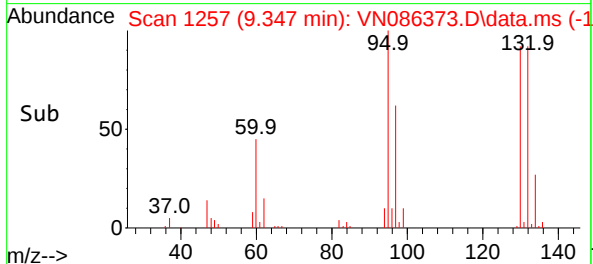
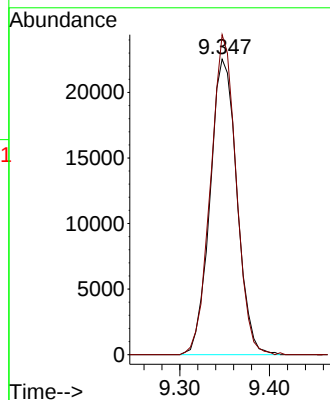
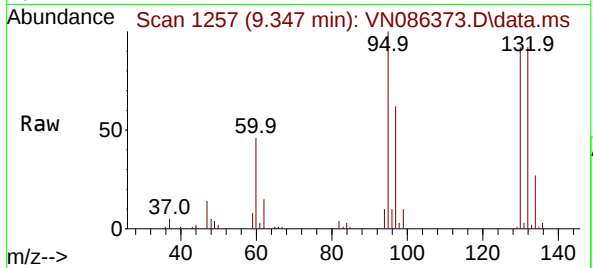
95 108.3 86.6 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#38

Methylcyclohexane

Concen: 19.275 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN086373.D

Acq: 23 Apr 2025 09:45

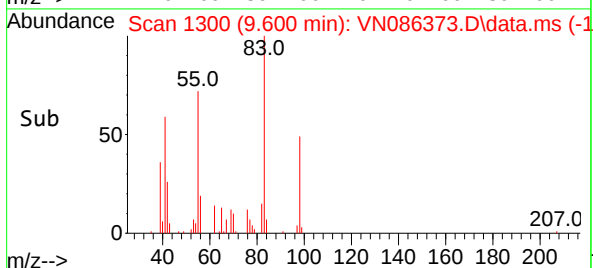
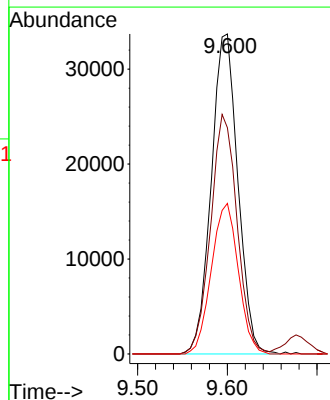
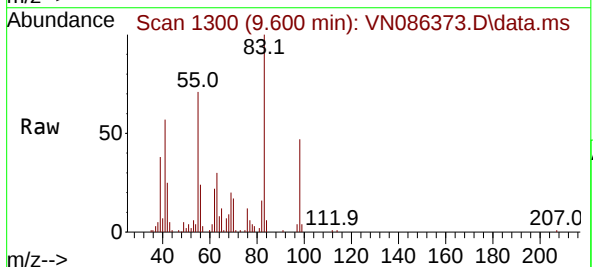
Tgt Ion: 83 Resp: 69428

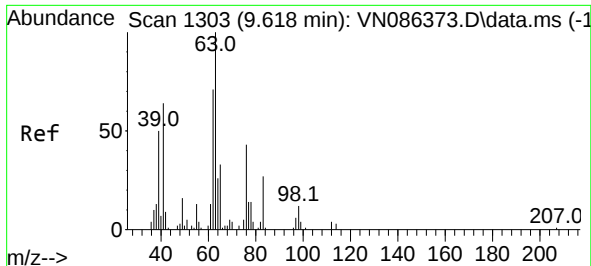
Ion Ratio Lower Upper

83 100

55 74.6 37.3 111.9

98 47.7 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.340 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086373.D

Acq: 23 Apr 2025 09:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 47394

Ion Ratio Lower Upper

63 100

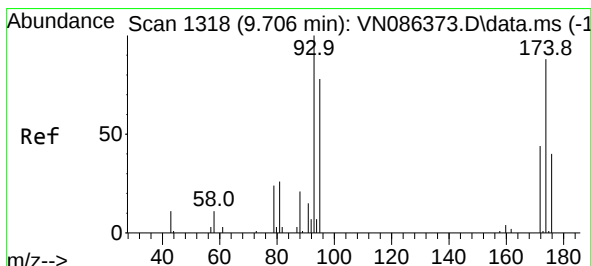
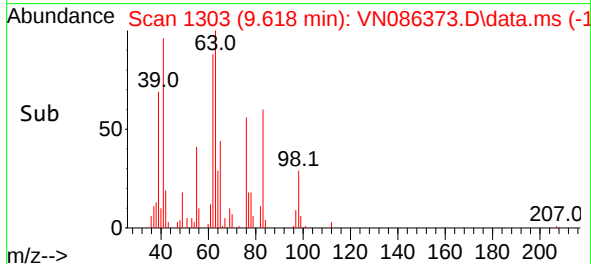
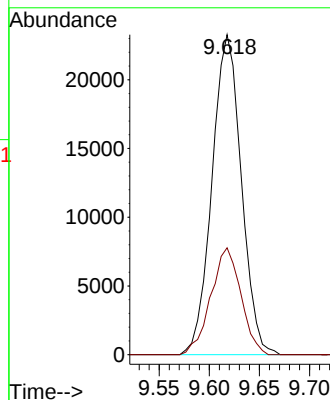
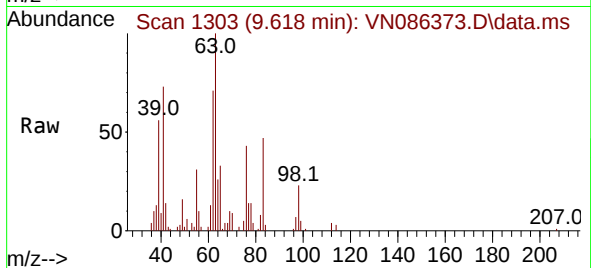
65 33.4 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#40

Dibromomethane

Concen: 19.597 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086373.D

Acq: 23 Apr 2025 09:45

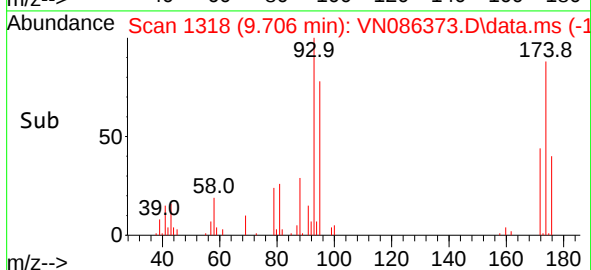
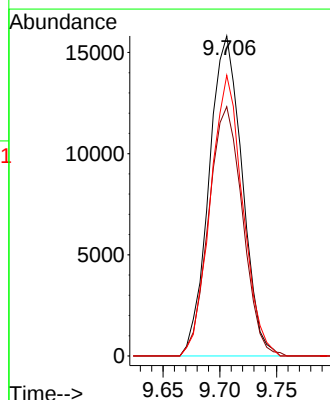
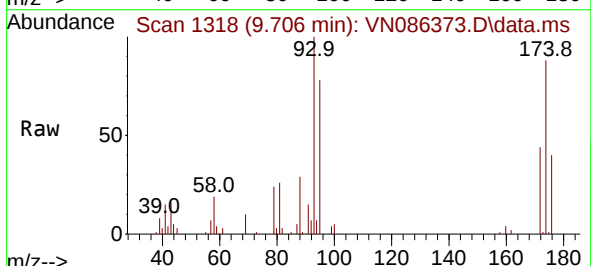
Tgt Ion: 93 Resp: 32116

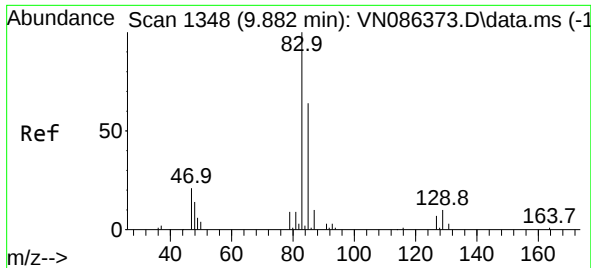
Ion Ratio Lower Upper

93 100

95 79.6 0.0 159.2

174 85.7 0.0 171.4





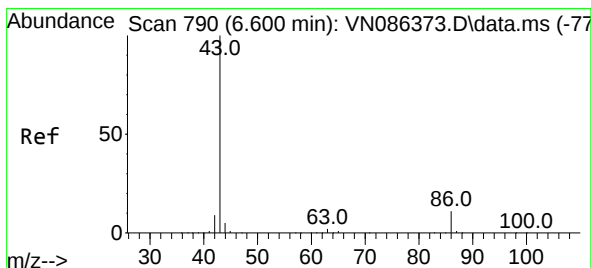
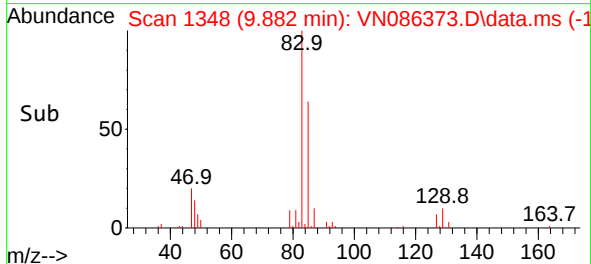
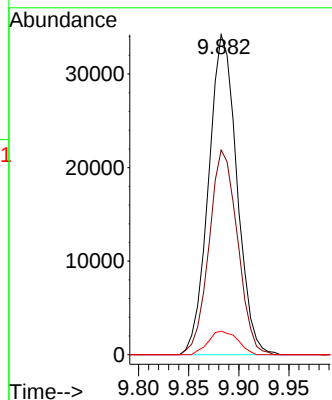
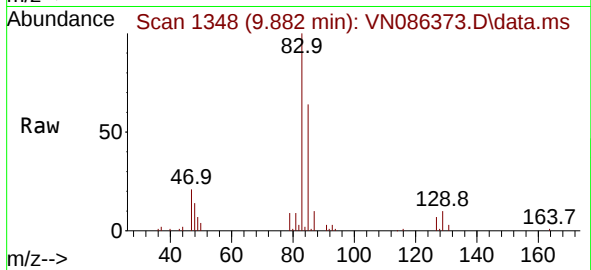
#41
Bromodichloromethane
Concen: 19.419 ug/l
RT: 9.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 6734
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 7.4 5.9 8.9

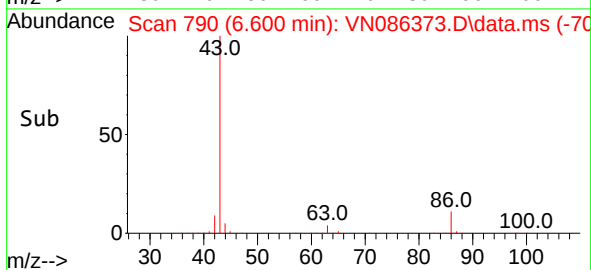
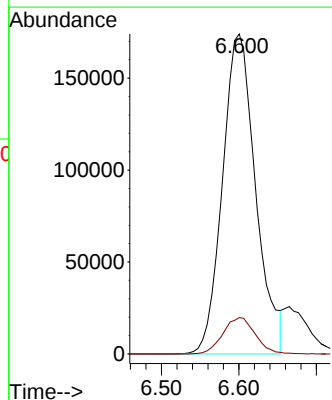
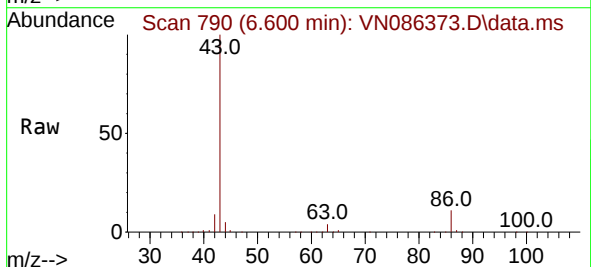
Manual Integrations
APPROVED

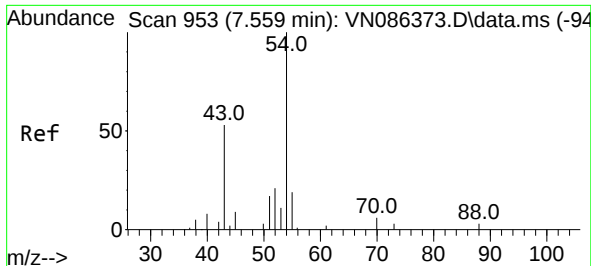
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#42
Vinyl Acetate
Concen: 98.852 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Tgt Ion: 43 Resp: 518356
Ion Ratio Lower Upper
43 100
86 11.1 8.9 13.3





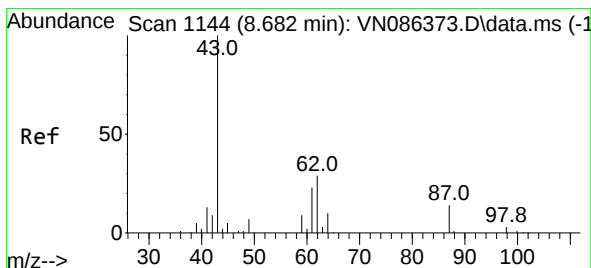
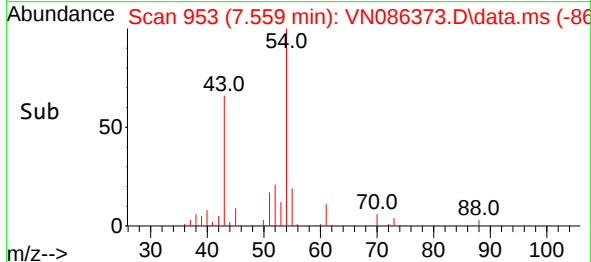
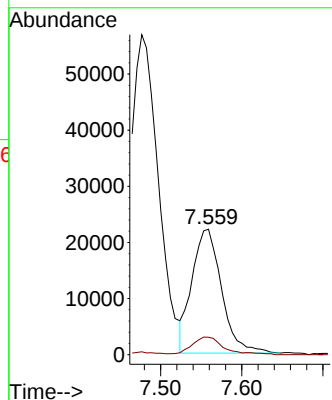
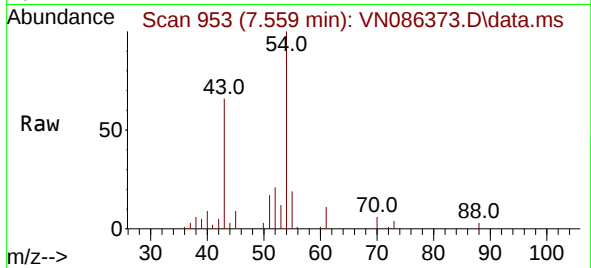
#43
Ethyl Acetate
Concen: 18.658 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 55894
Ion Ratio Lower Upper
43 100
45 14.3 11.4 17.2

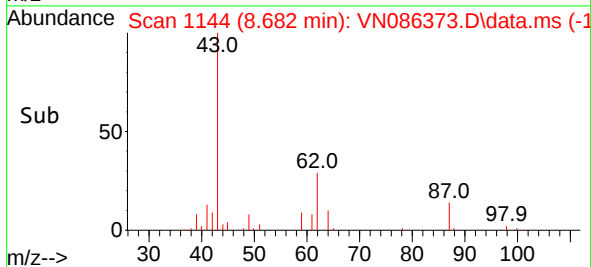
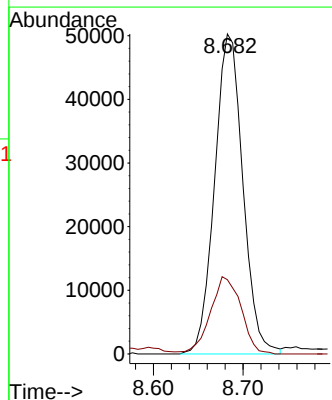
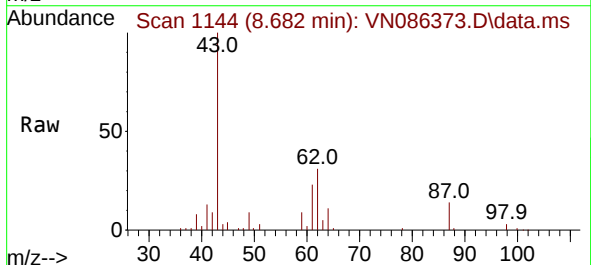
Manual Integrations
APPROVED

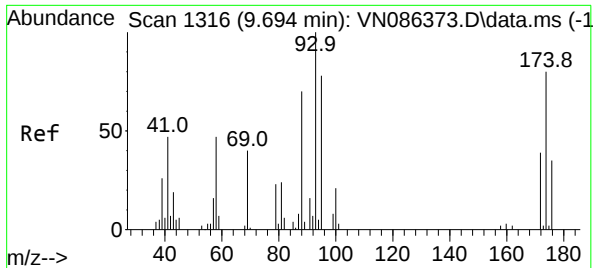
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#44
Isopropyl Acetate
Concen: 19.334 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

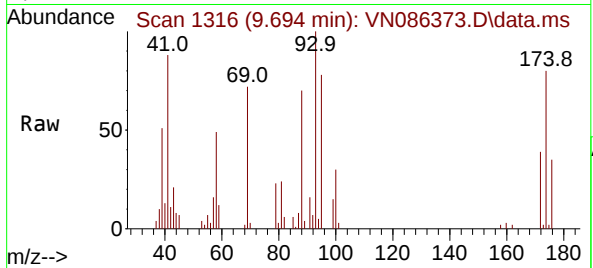
Tgt Ion: 43 Resp: 109922
Ion Ratio Lower Upper
43 100
61 26.2 21.0 31.4





#45
1,4-Dioxane
Concen: 405.300 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

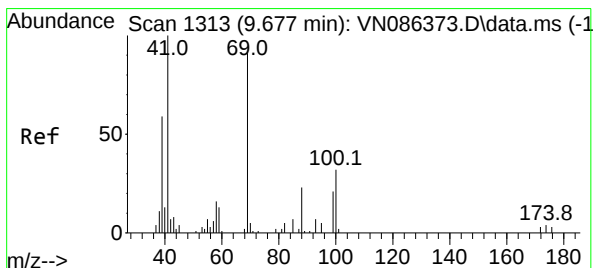
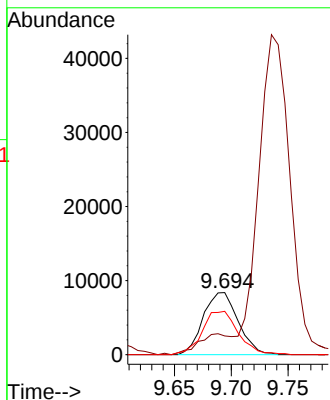
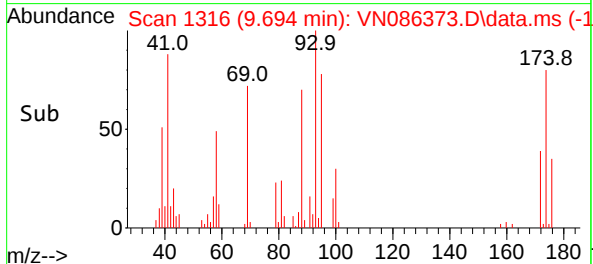
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 88 Resp: 17979
Ion Ratio Lower Upper
88 100
43 31.1 24.9 37.3
58 72.3 57.8 86.8

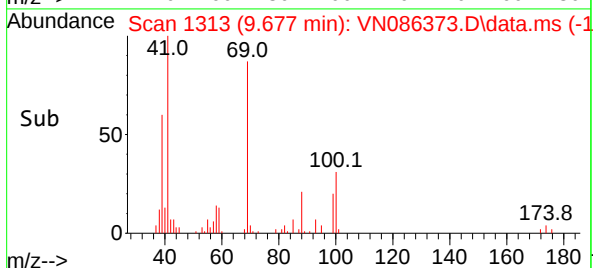
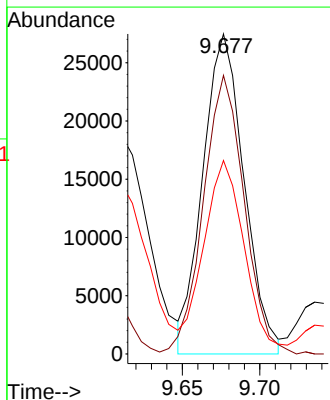
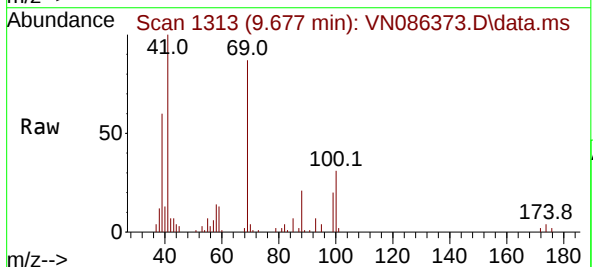
Manual Integrations
APPROVED

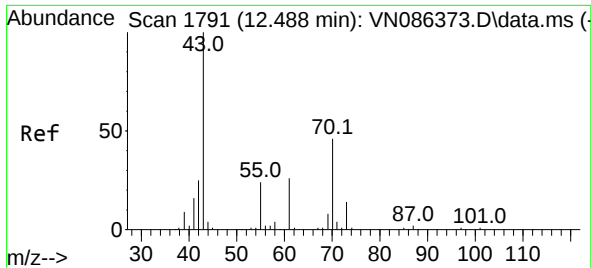
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#46
Methyl methacrylate
Concen: 19.367 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Tgt Ion: 41 Resp: 50790
Ion Ratio Lower Upper
41 100
69 88.2 44.1 132.3
39 60.1 30.0 90.1





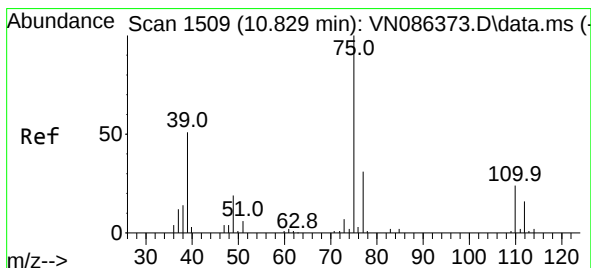
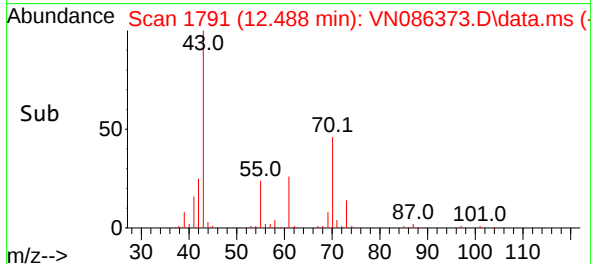
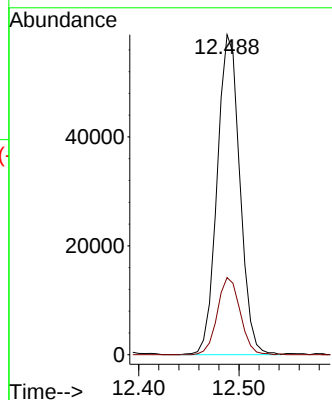
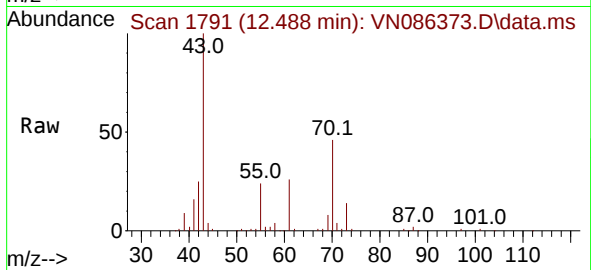
#47
n-amy1 Acetate
Concen: 19.045 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 92290
Ion Ratio Lower Upper
43 100
55 24.2 19.4 29.0

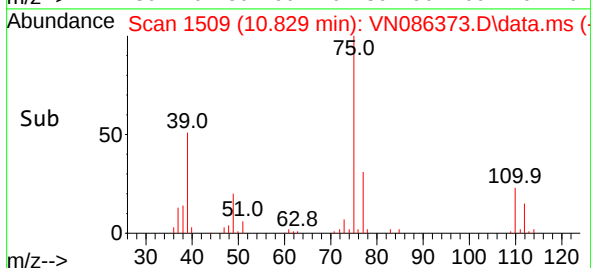
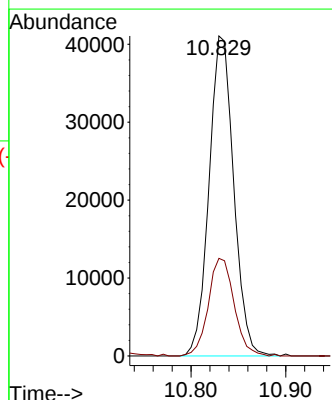
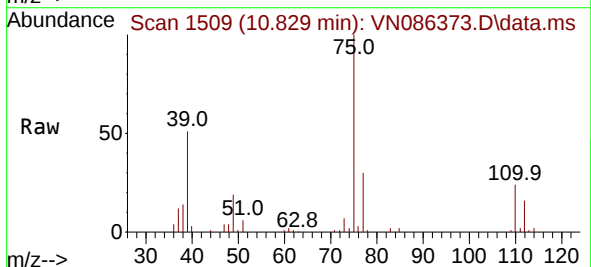
Manual Integrations
APPROVED

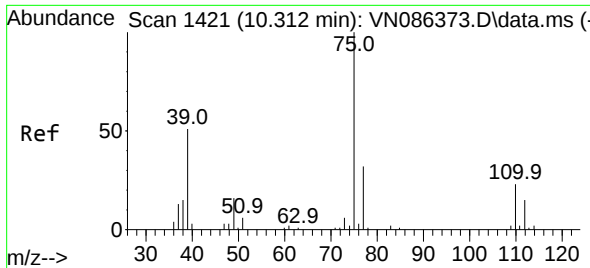
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#48
t-1,3-Dichloropropene
Concen: 19.132 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

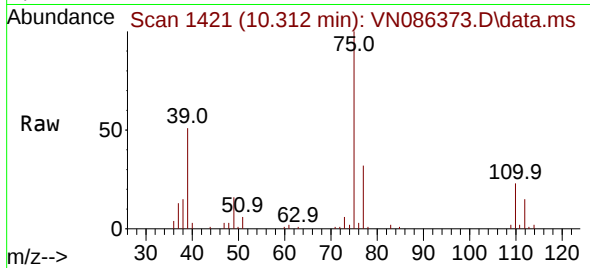
Tgt Ion: 75 Resp: 74180
Ion Ratio Lower Upper
75 100
77 30.5 24.4 36.6





#49
 cis-1,3-Dichloropropene
 Concen: 19.159 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN086373.D
 Acq: 23 Apr 2025 09:45

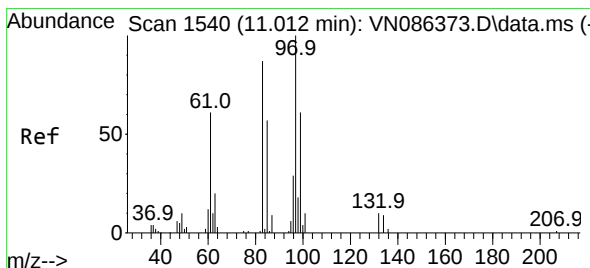
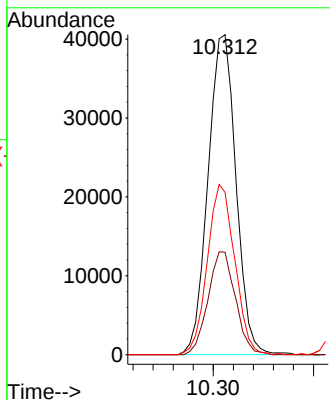
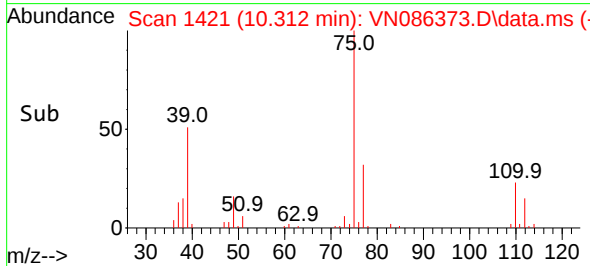
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 75 Resp: 7833
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4
 39 50.7 40.6 60.8

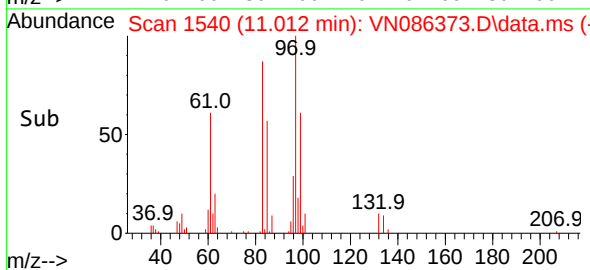
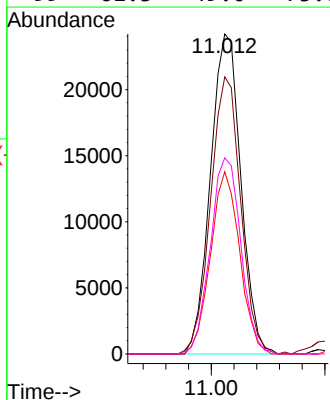
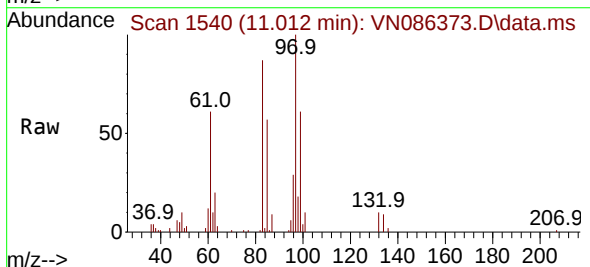
Manual Integrations
 APPROVED

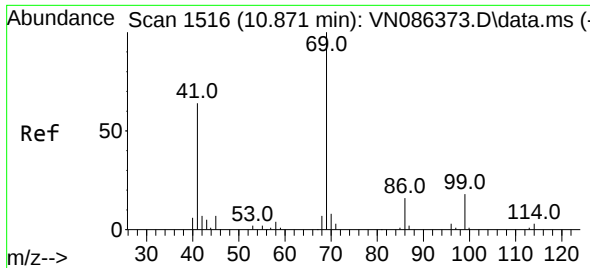
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#50
 1,1,2-Trichloroethane
 Concen: 19.712 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086373.D
 Acq: 23 Apr 2025 09:45

Tgt Ion: 97 Resp: 45121
 Ion Ratio Lower Upper
 97 100
 83 86.6 69.3 103.9
 85 56.9 45.5 68.3
 99 61.3 49.0 73.6





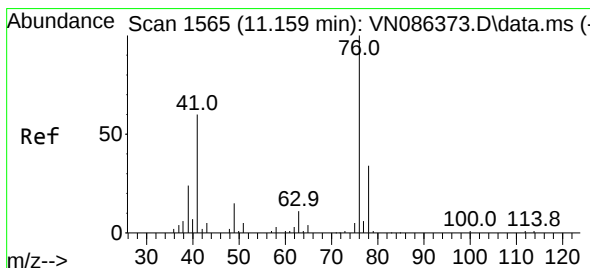
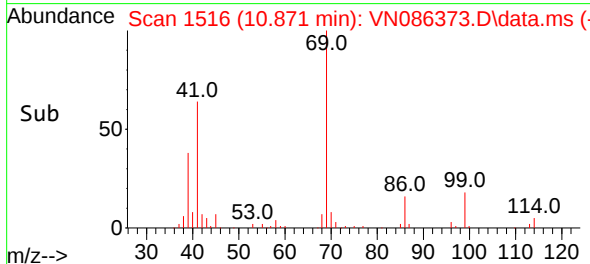
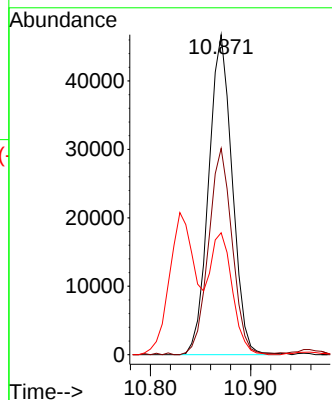
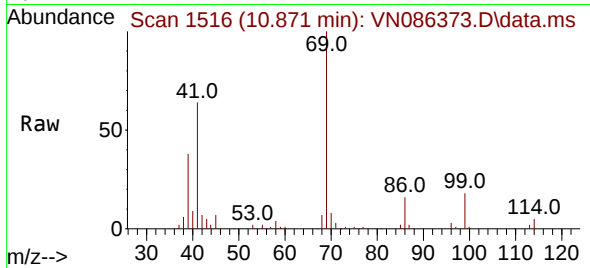
#51
Ethyl methacrylate
Concen: 19.128 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 69 Resp: 7625
Ion Ratio Lower Upper
69 100
41 64.5 32.3 96.8
39 38.1 19.1 57.1

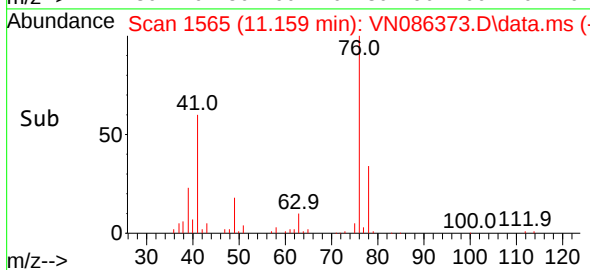
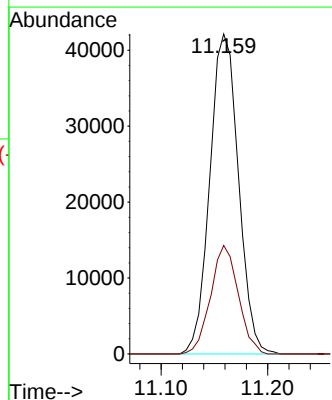
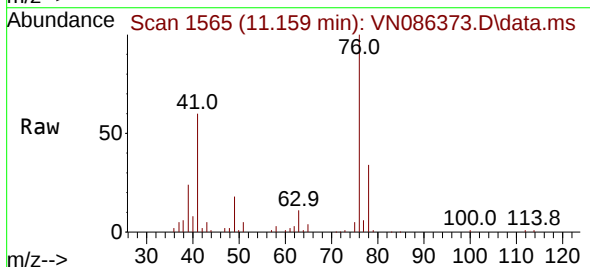
Manual Integrations
APPROVED

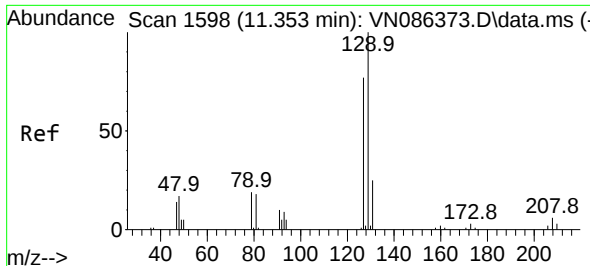
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#52
1,3-Dichloropropane
Concen: 19.439 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Tgt Ion: 76 Resp: 78642
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.6





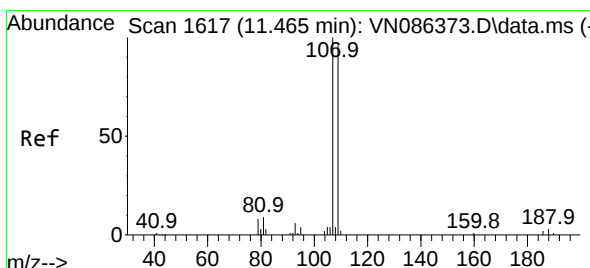
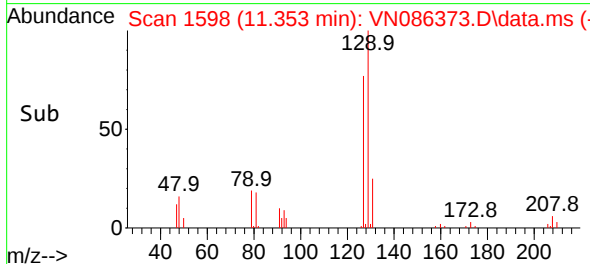
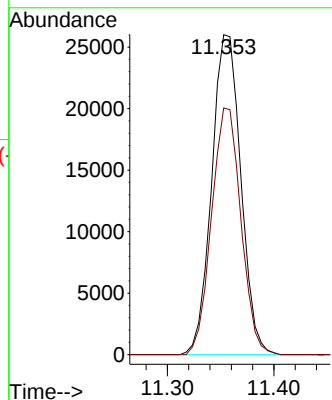
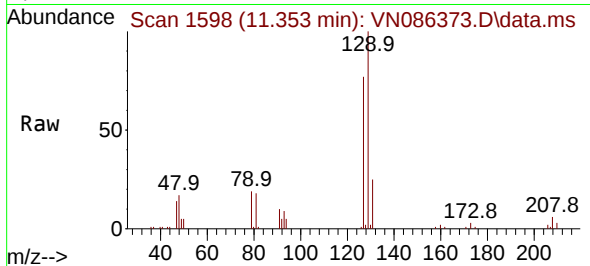
#53
Dibromochloromethane
Concen: 19.243 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:129 Resp: 49462
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3

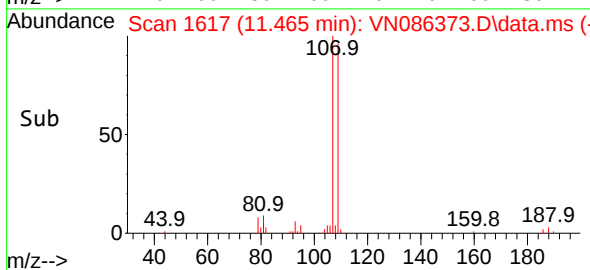
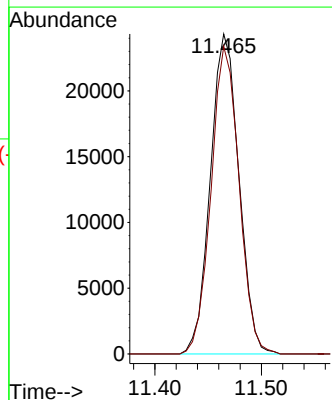
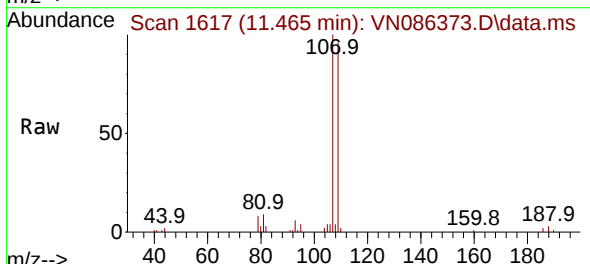
Manual Integrations
APPROVED

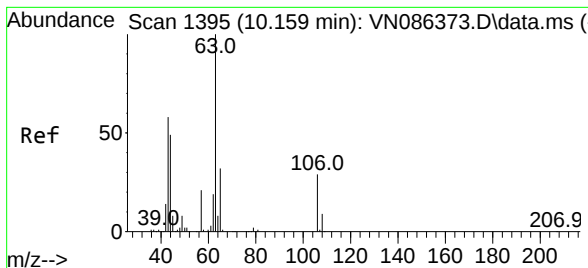
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#54
1,2-Dibromoethane
Concen: 19.447 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

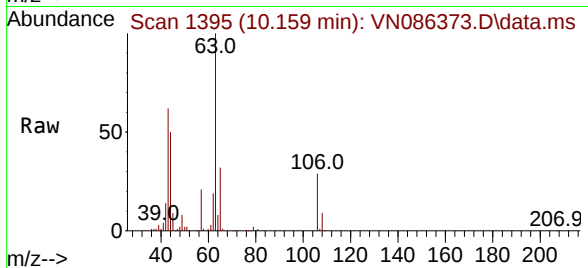
Tgt Ion:107 Resp: 45261
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.0





#55
2-Chloroethyl vinyl ether
Concen: 97.314 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

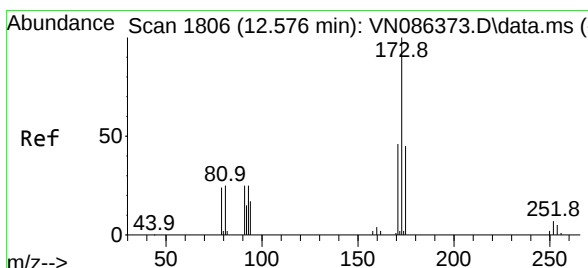
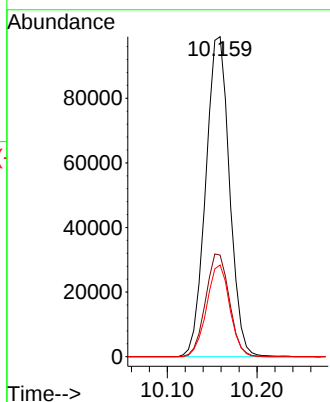
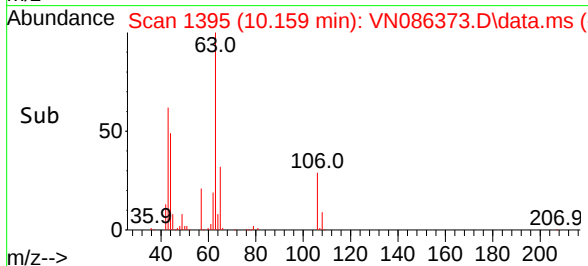
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 182398
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 27.9 22.3 33.5

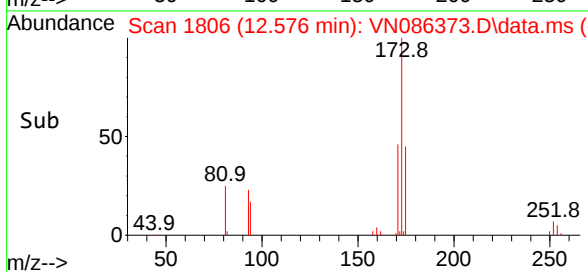
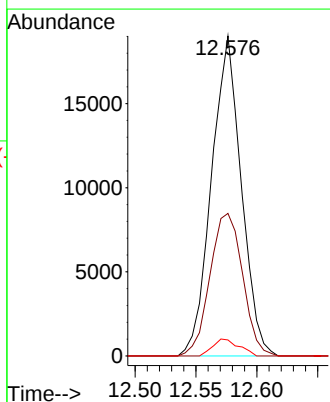
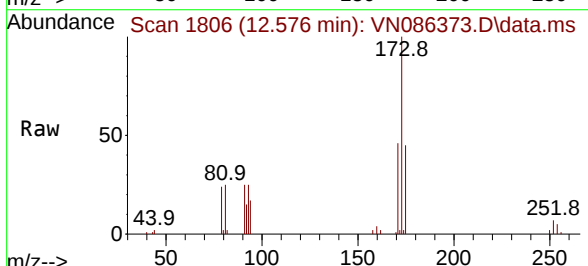
Manual Integrations
APPROVED

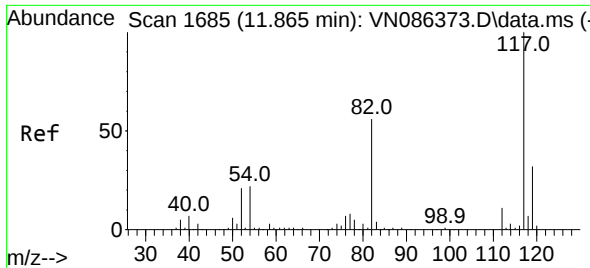
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#56
Bromoform
Concen: 19.406 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Tgt Ion:173 Resp: 32369
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.6
254 4.7 3.8 5.6





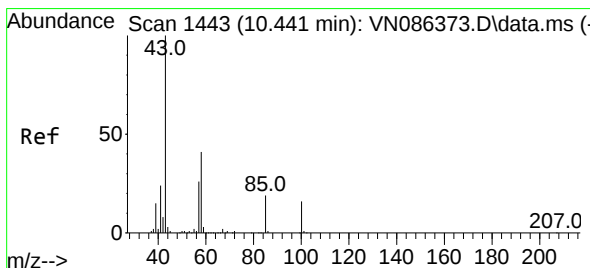
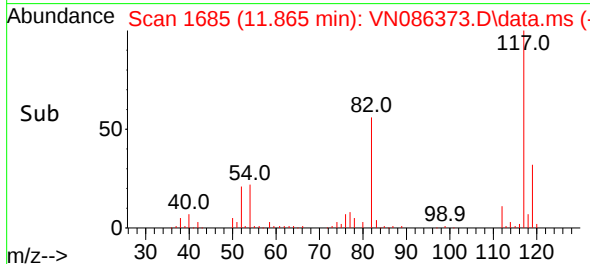
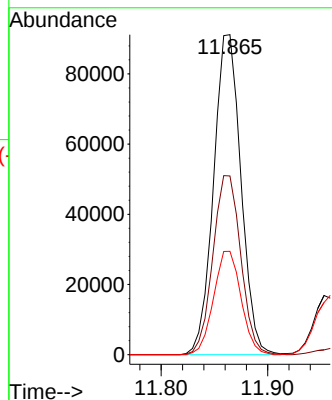
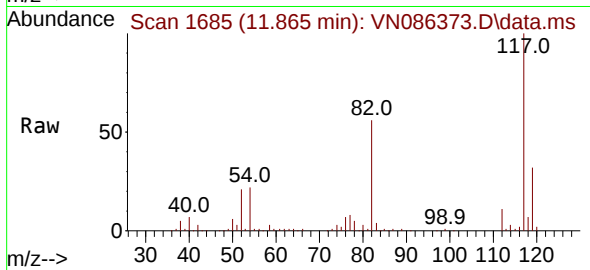
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:117 Resp: 16301
Ion Ratio Lower Upper
117 100
82 56.9 45.5 68.3
119 32.4 25.9 38.9

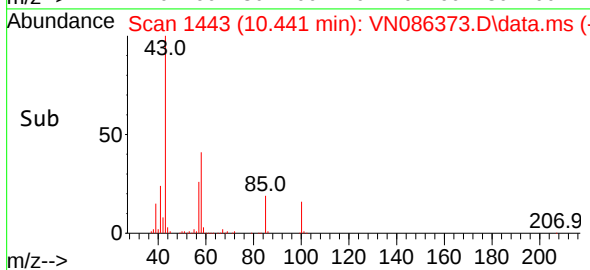
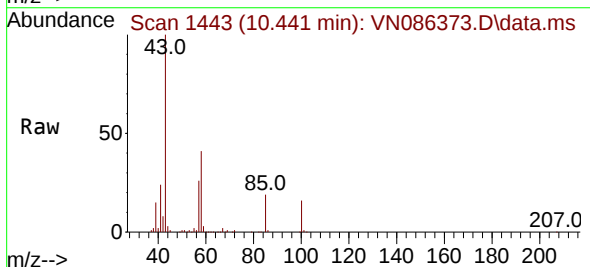
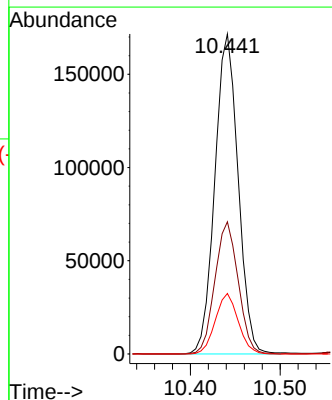
Manual Integrations
APPROVED

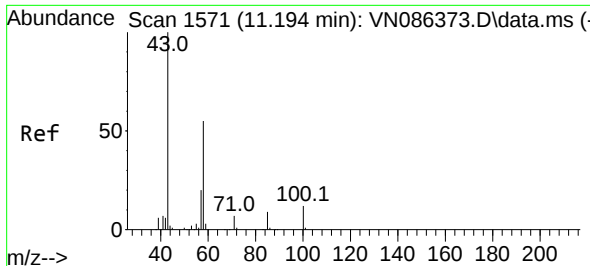
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#58
4-Methyl-2-Pentanone
Concen: 97.881 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

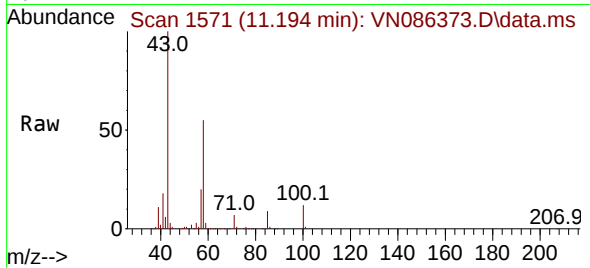
Tgt Ion: 43 Resp: 308775
Ion Ratio Lower Upper
43 100
58 41.3 33.0 49.6
85 18.6 14.9 22.3





#59
2-Hexanone
Concen: 98.024 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

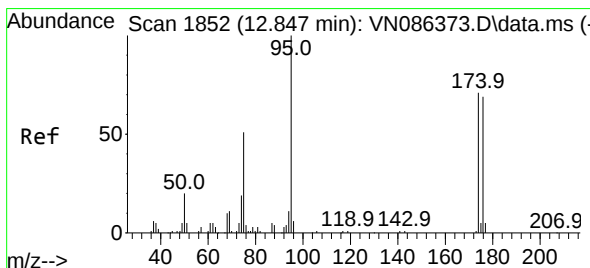
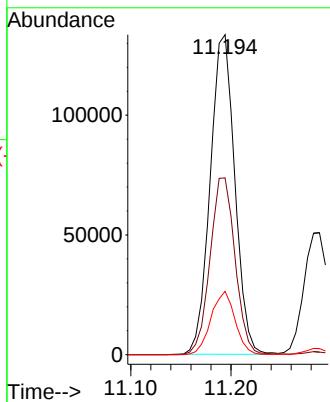
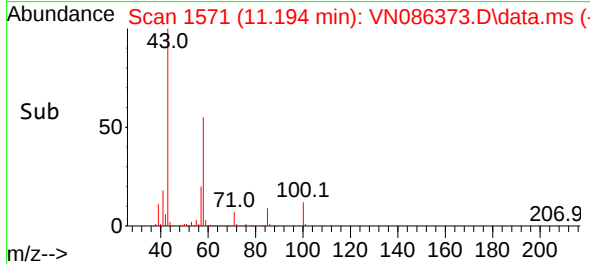
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



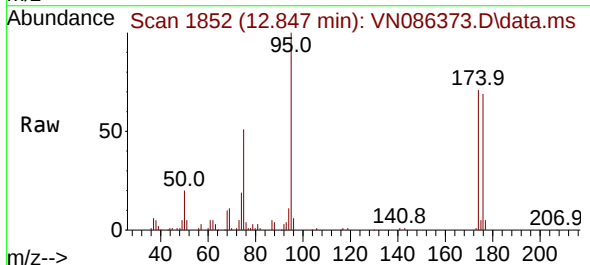
Tgt Ion: 43 Resp: 227878
Ion Ratio Lower Upper
43 100
58 56.3 45.0 67.6
57 19.4 15.5 23.3

Manual Integrations
APPROVED

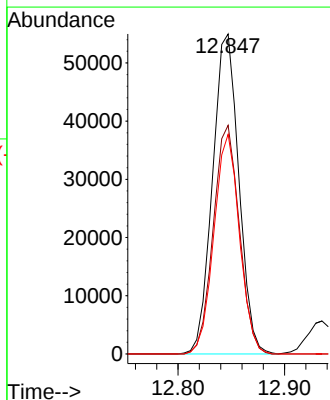
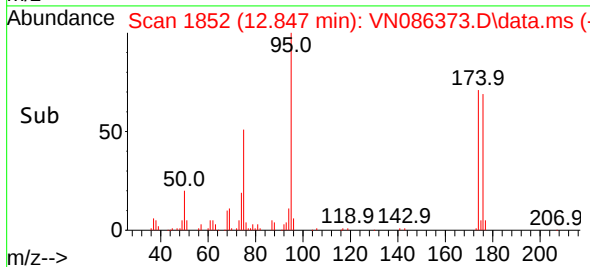
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

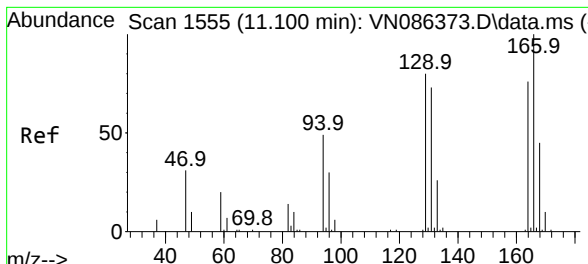


#60
4-Bromofluorobenzene
Concen: 29.376 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45



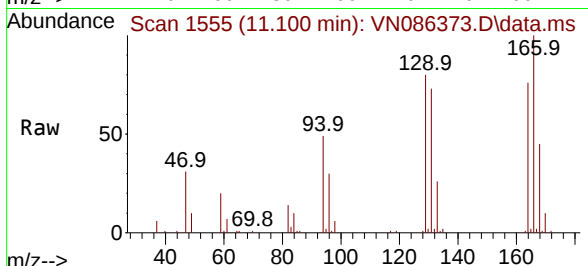
Tgt Ion: 95 Resp: 94119
Ion Ratio Lower Upper
95 100
174 70.7 56.6 84.8
176 66.6 53.3 79.9





#61
Tetrachloroethene
Concen: 18.888 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

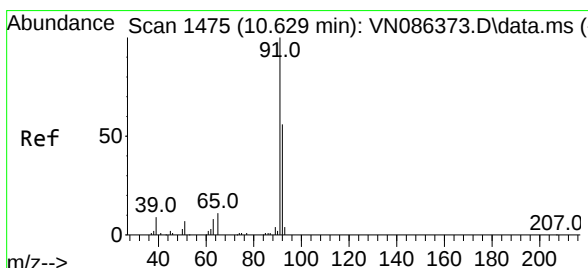
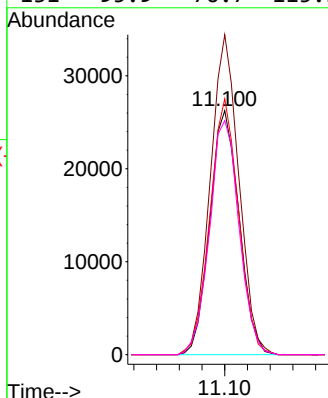
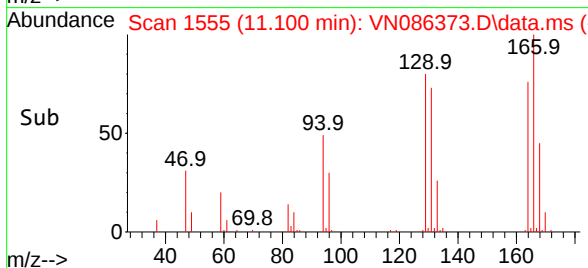
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



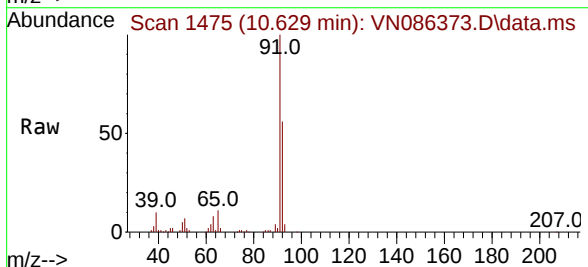
Tgt Ion:164 Resp: 46962
Ion Ratio Lower Upper
164 100
166 131.2 105.0 157.4
129 104.9 83.9 125.9
131 95.9 76.7 115.1

Manual Integrations
APPROVED

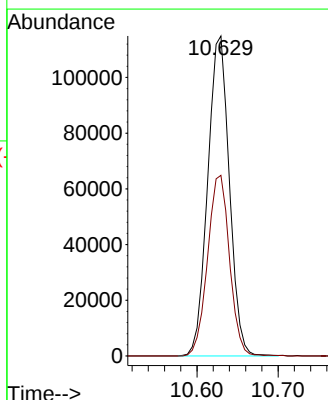
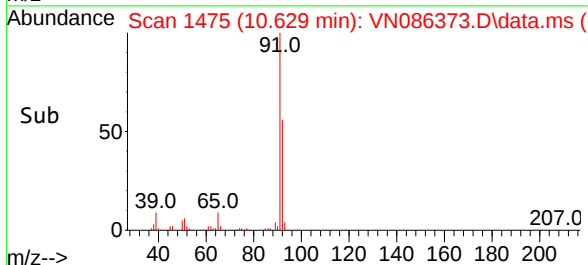
Reviewed By :John Carbone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

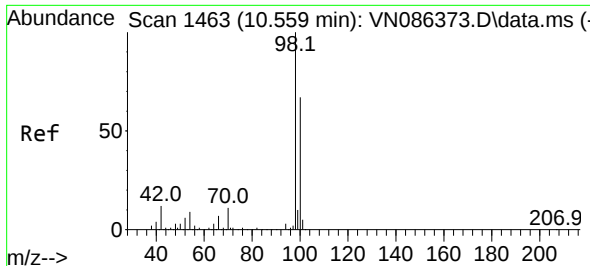


#62
Toluene
Concen: 19.492 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45



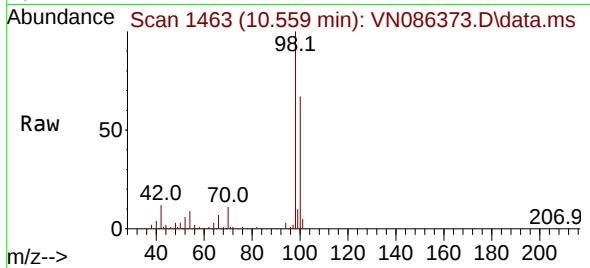
Tgt Ion: 91 Resp: 212695
Ion Ratio Lower Upper
91 100
92 57.1 45.7 68.5





#63
Toluene-d8
Concen: 30.171 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

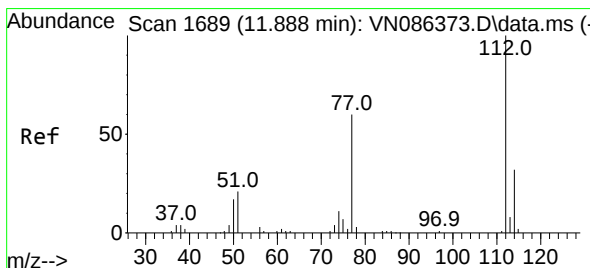
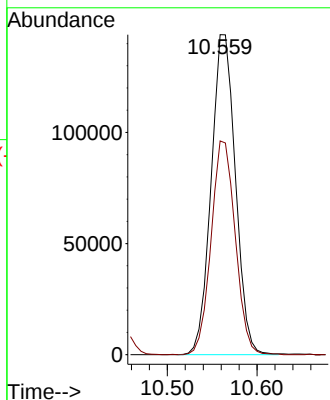
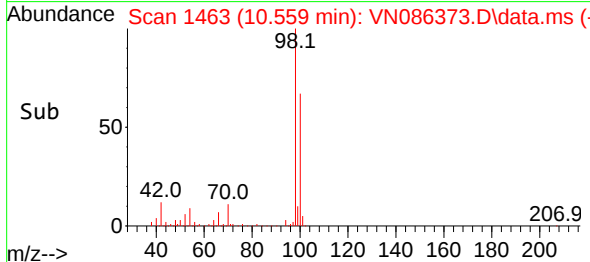
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 98 Resp: 270583
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

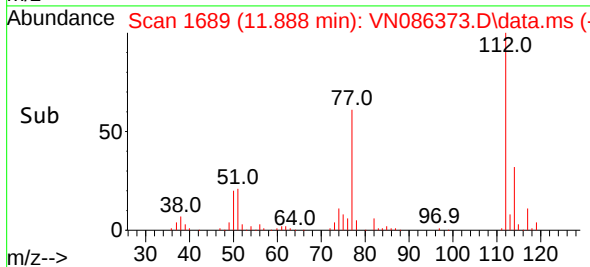
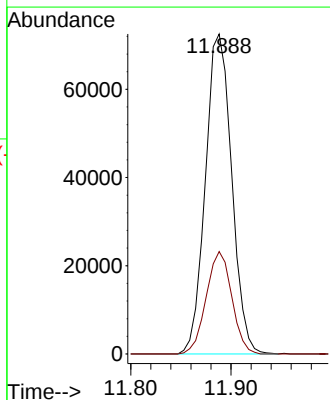
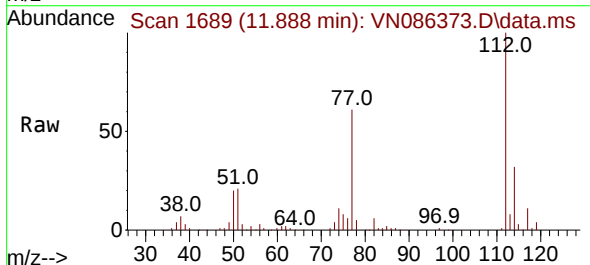
Manual Integrations
APPROVED

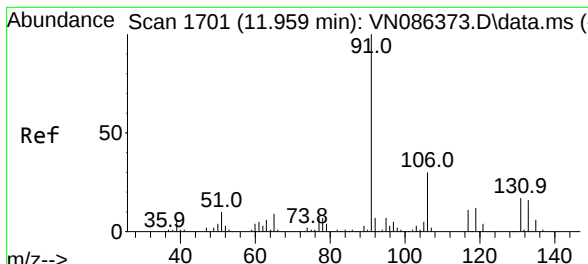
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#64
Chlorobenzene
Concen: 19.432 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Tgt Ion:112 Resp: 132119
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4





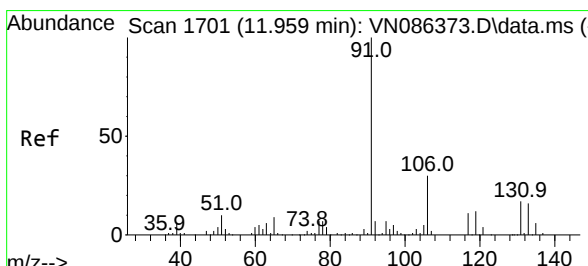
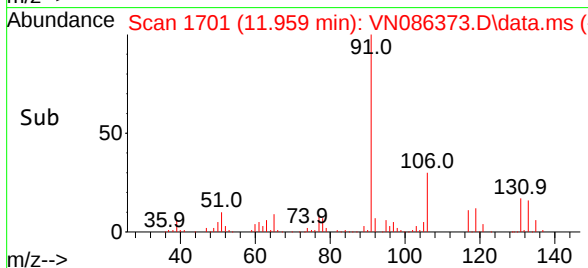
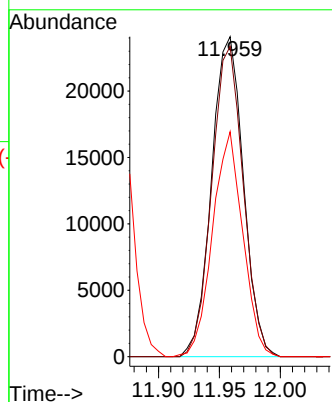
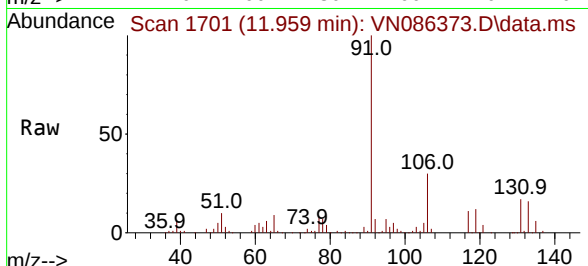
#65
1,1,1,2-Tetrachloroethane
Concen: 19.241 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 4374
Ion Ratio Lower Upper
131 100
133 95.7 0.0 191.4
119 66.8 0.0 133.6

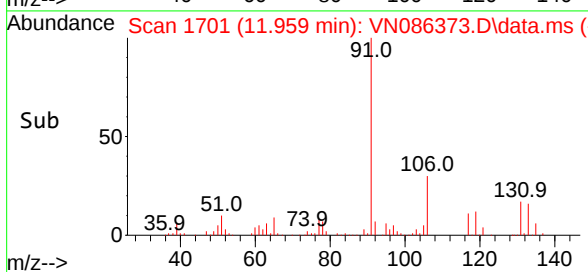
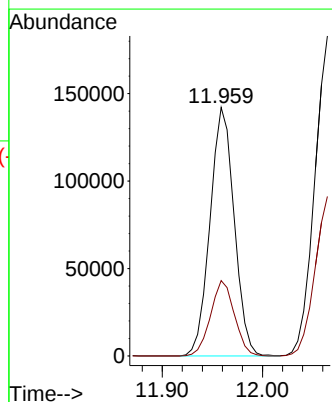
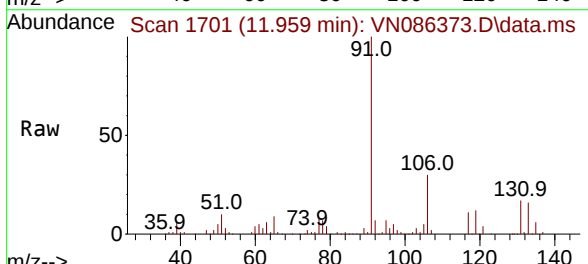
Manual Integrations
APPROVED

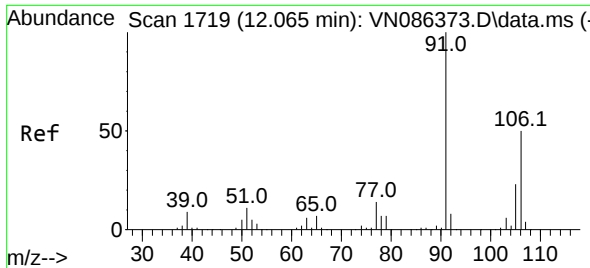
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#66
Ethyl Benzene
Concen: 19.350 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Tgt Ion: 91 Resp: 237663
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5





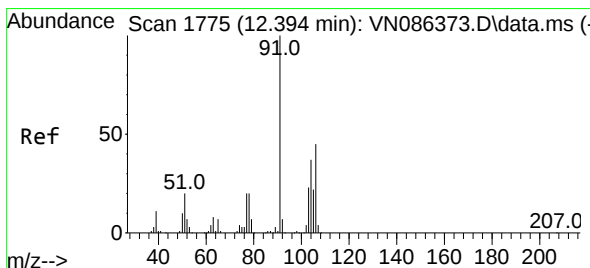
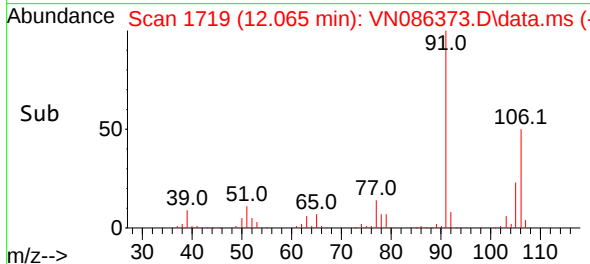
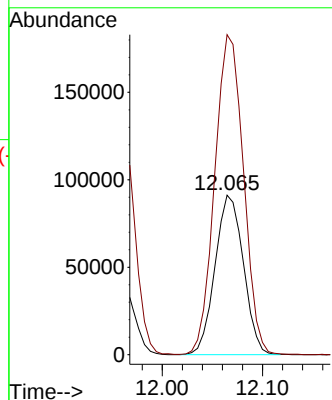
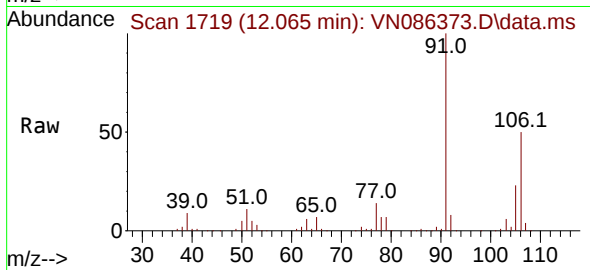
#67
m/p-Xylenes
Concen: 38.428 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 179085
Ion Ratio Lower Upper
106 100
91 203.2 162.6 243.8

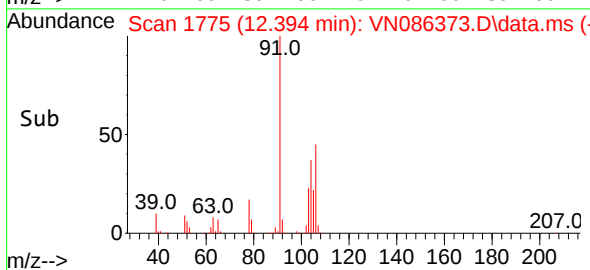
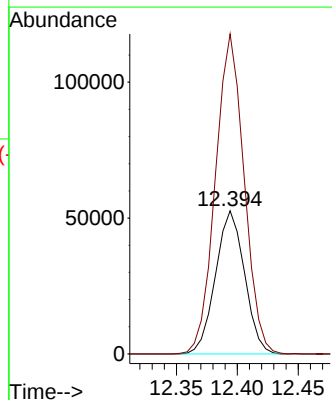
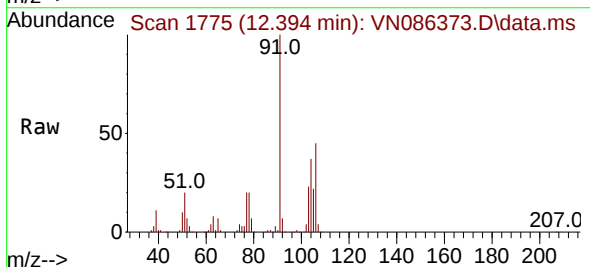
Manual Integrations
APPROVED

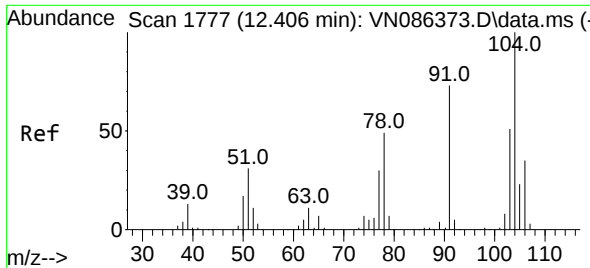
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#68
o-Xylene
Concen: 19.149 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Tgt Ion:106 Resp: 87377
Ion Ratio Lower Upper
106 100
91 221.1 110.6 331.6





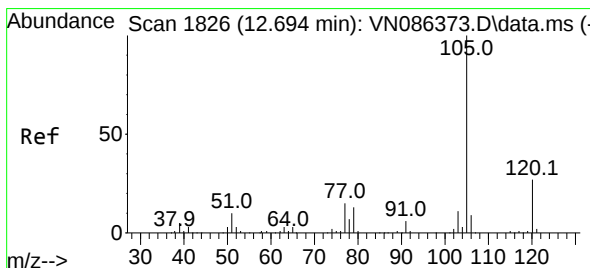
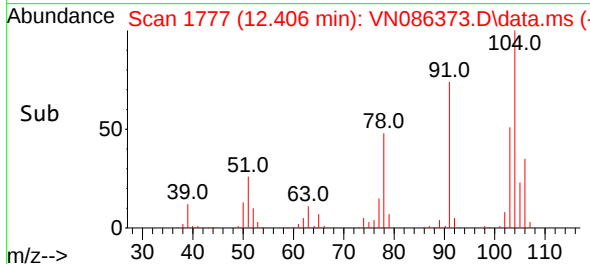
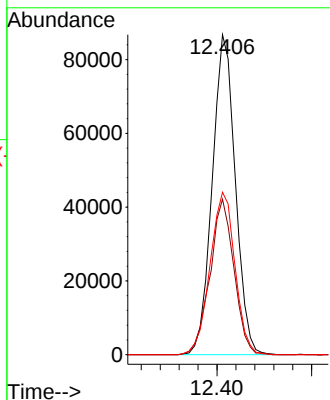
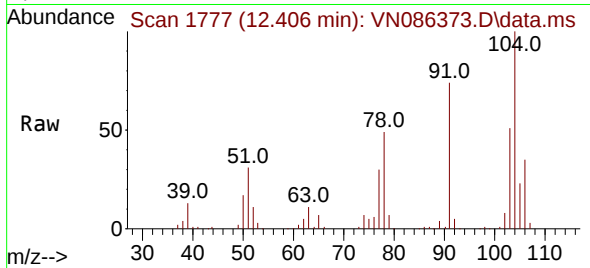
#69
Styrene
Concen: 18.983 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:104 Resp: 146815
Ion Ratio Lower Upper
104 100
78 50.3 40.2 60.4
103 54.8 43.8 65.8

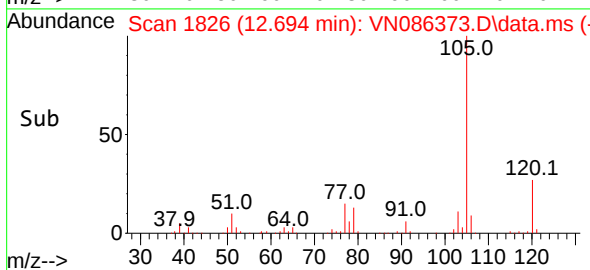
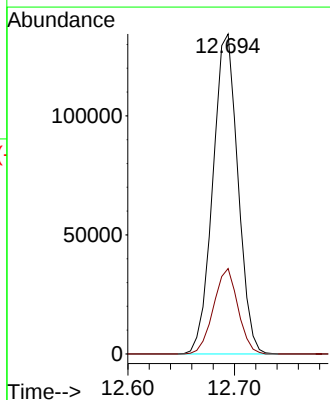
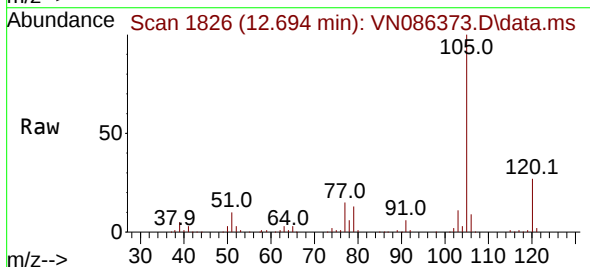
Manual Integrations
APPROVED

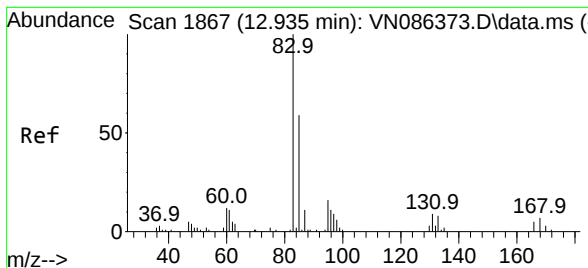
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#70
Isopropylbenzene
Concen: 19.283 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

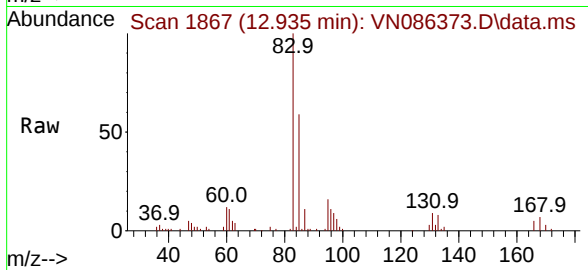
Tgt Ion:105 Resp: 219637
Ion Ratio Lower Upper
105 100
120 26.0 18.2 33.8





#71
1,1,2,2-Tetrachloroethane
Concen: 20.511 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

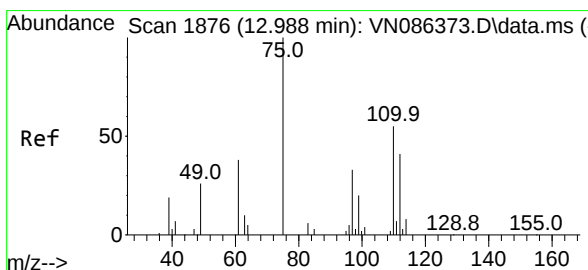
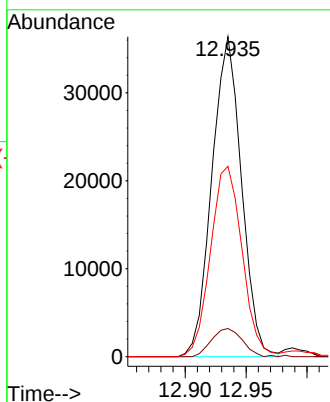
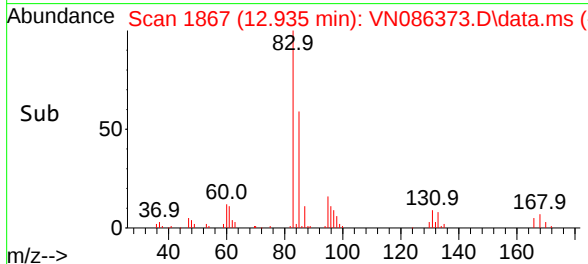
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 61510
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 63.4 31.7 95.1

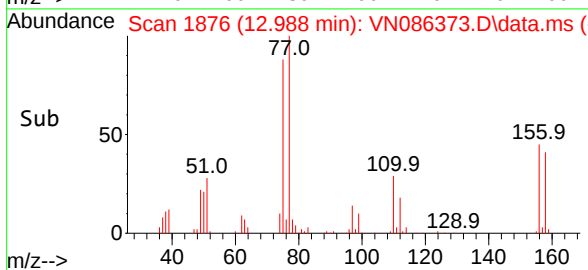
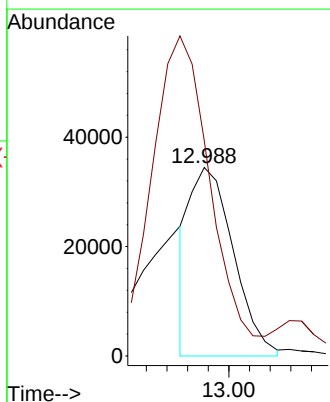
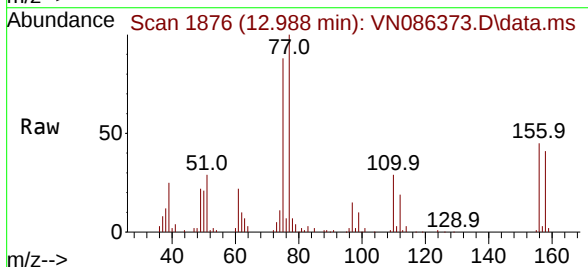
Manual Integrations
APPROVED

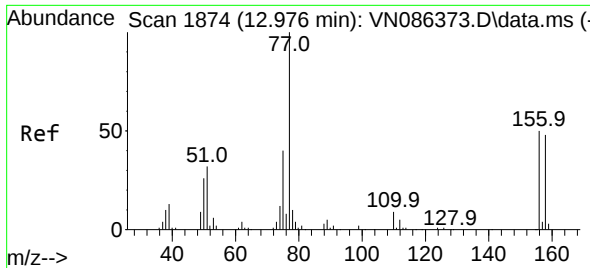
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#72
1,2,3-Trichloropropane
Concen: 19.411 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Tgt Ion: 75 Resp: 50447
Ion Ratio Lower Upper
75 100
77 232.2 0.0 464.4





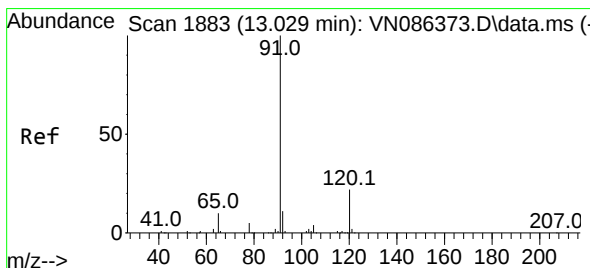
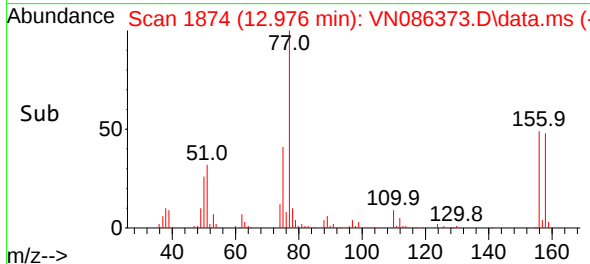
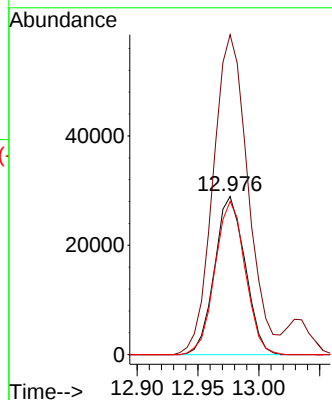
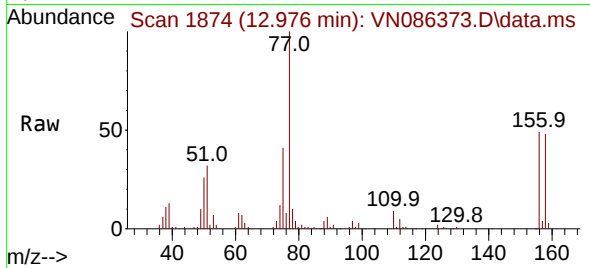
#73
Bromobenzene
Concen: 19.307 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:156 Resp: 50559
Ion Ratio Lower Upper
156 100
77 231.7 0.0 463.4
158 95.9 0.0 191.8

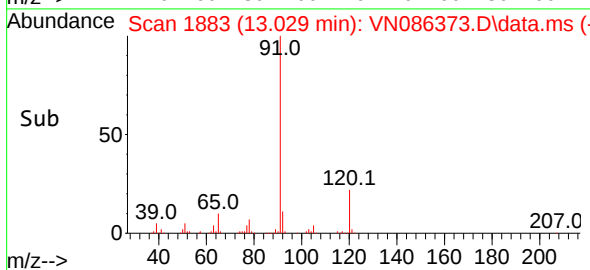
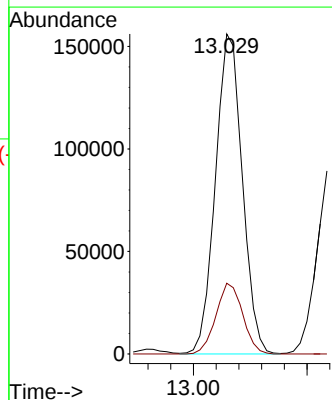
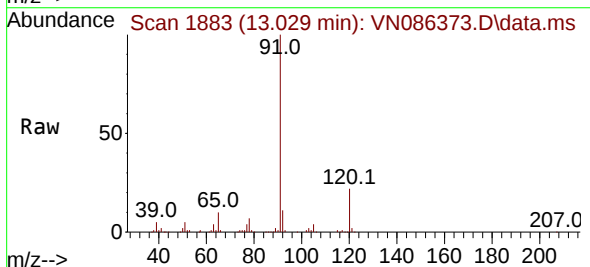
Manual Integrations
APPROVED

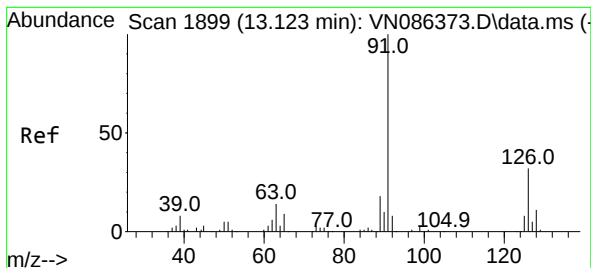
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#74
n-propylbenzene
Concen: 18.969 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Tgt Ion: 91 Resp: 256755
Ion Ratio Lower Upper
91 100
120 21.9 0.0 43.8





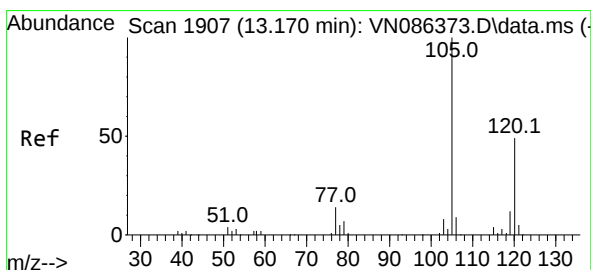
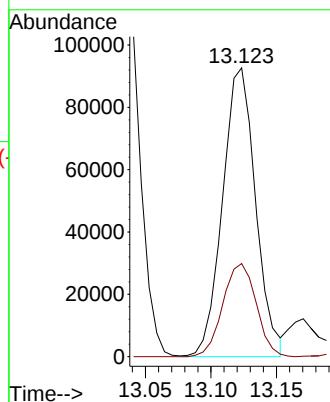
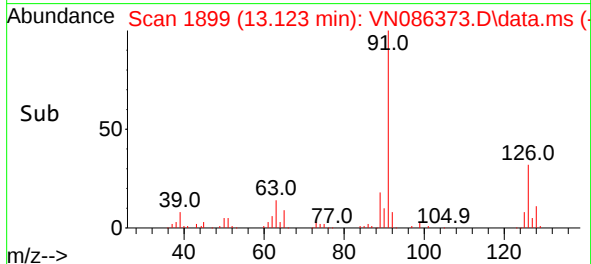
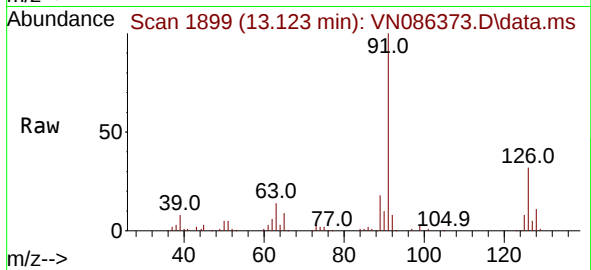
#75
2-Chlorotoluene
Concen: 19.217 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 162370
Ion Ratio Lower Upper
91 100
126 32.5 0.0 65.0

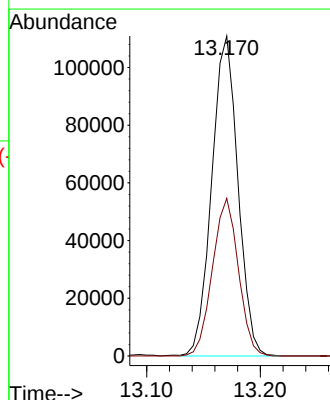
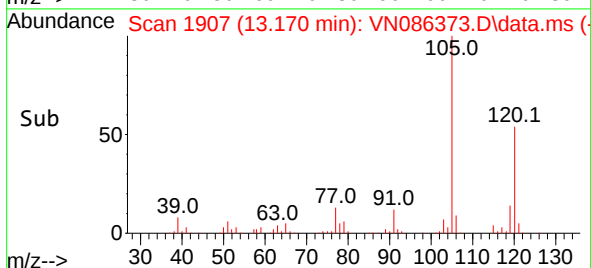
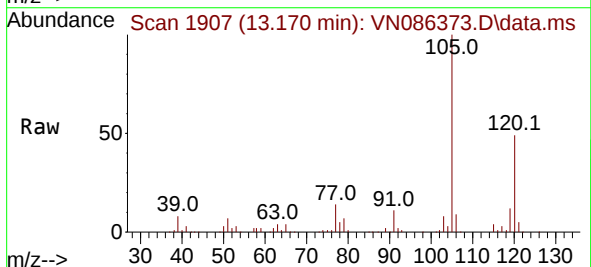
Manual Integrations
APPROVED

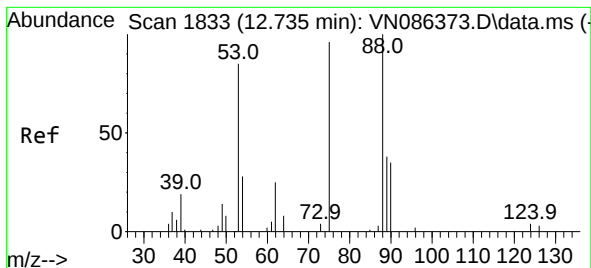
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#76
1,3,5-Trimethylbenzene
Concen: 18.987 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Tgt Ion:105 Resp: 177449
Ion Ratio Lower Upper
105 100
120 48.8 0.0 97.6





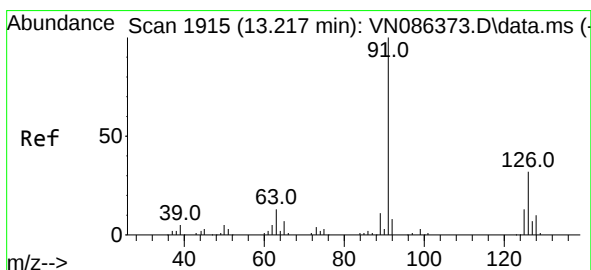
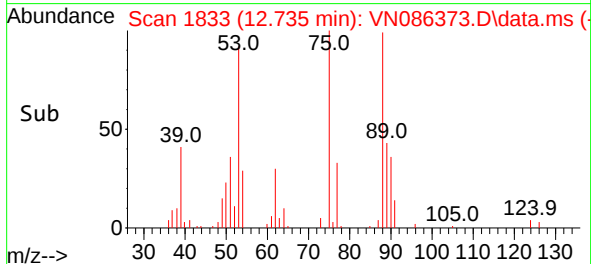
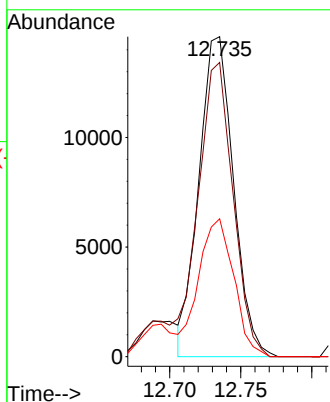
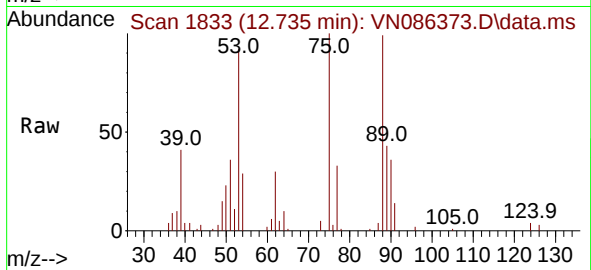
#77
t-1,4-Dichloro-2-butene
Concen: 18.653 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 2475
Ion Ratio Lower Upper
75 100
53 92.0 46.0 138.0
89 43.1 21.6 64.6

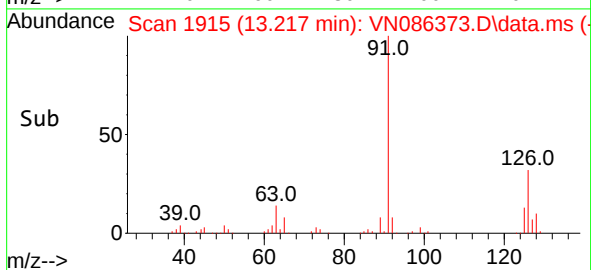
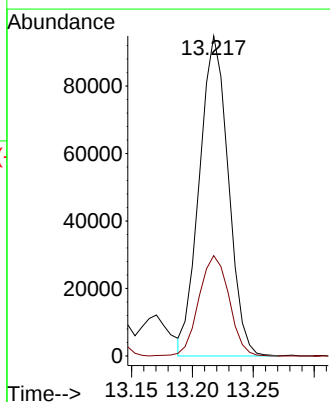
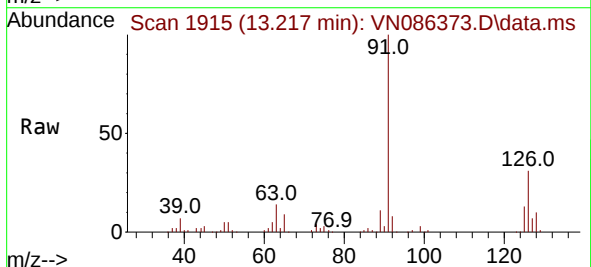
Manual Integrations
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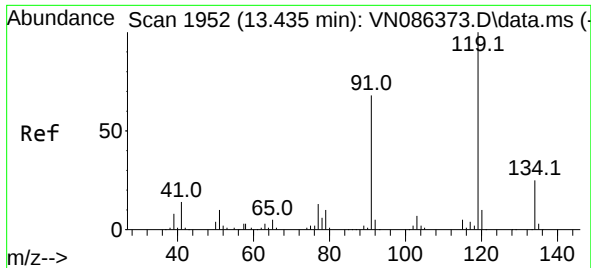
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#78
4-Chlorotoluene
Concen: 18.576 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Tgt Ion: 91 Resp: 156935
Ion Ratio Lower Upper
91 100
126 32.7 0.0 65.4





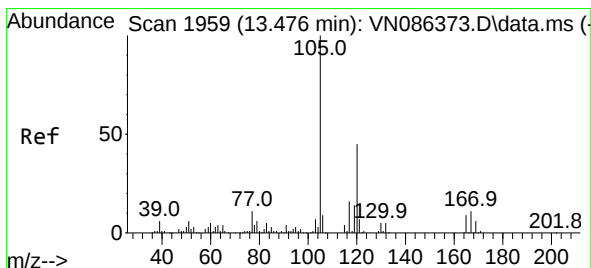
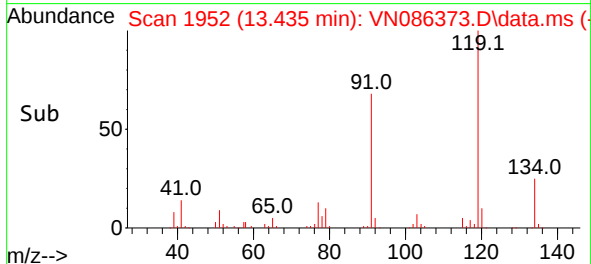
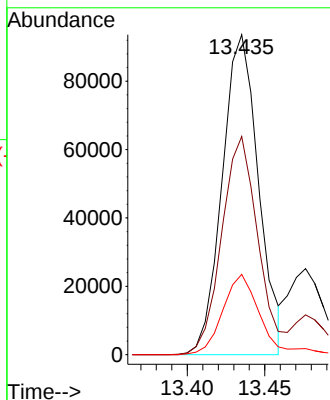
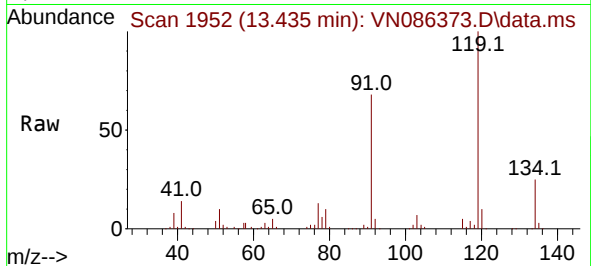
#79
tert-butylbenzene
Concen: 19.073 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 15266
Ion Ratio Lower Upper
119 100
91 68.7 0.0 137.4
134 24.6 0.0 49.2

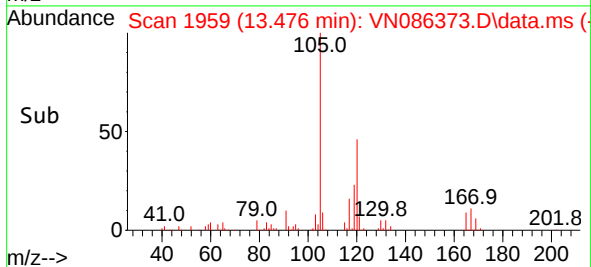
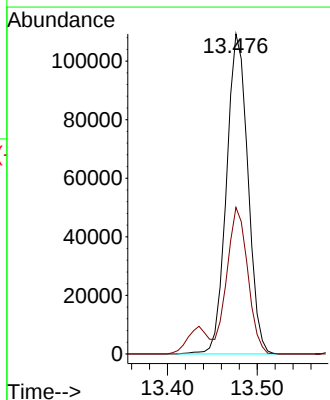
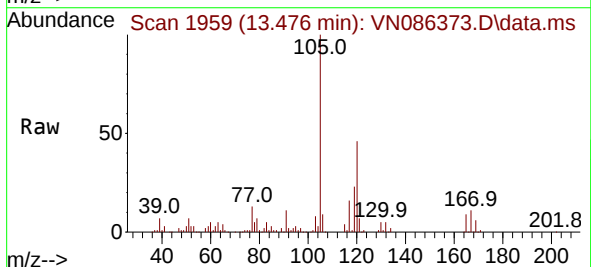
Manual Integrations
APPROVED

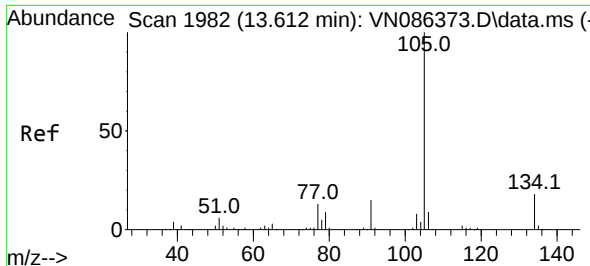
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#80
1,2,4-Trimethylbenzene
Concen: 18.949 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

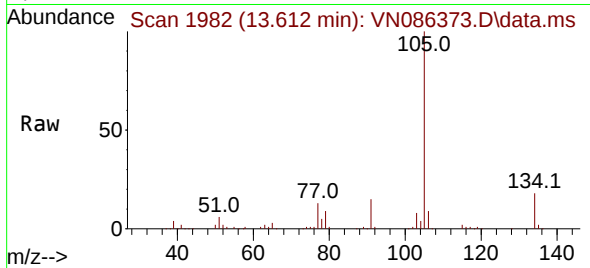
Tgt Ion:105 Resp: 180860
Ion Ratio Lower Upper
105 100
120 43.8 0.0 87.6





#81
 sec-Butylbenzene
 Concen: 18.686 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086373.D
 Acq: 23 Apr 2025 09:45

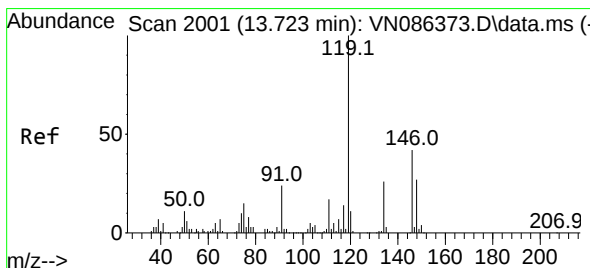
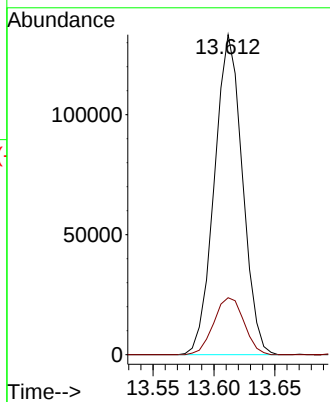
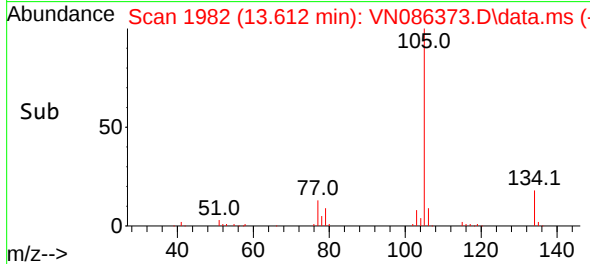
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



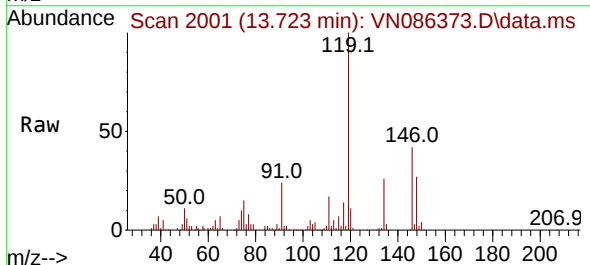
Tgt Ion:105 Resp: 21349
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.4

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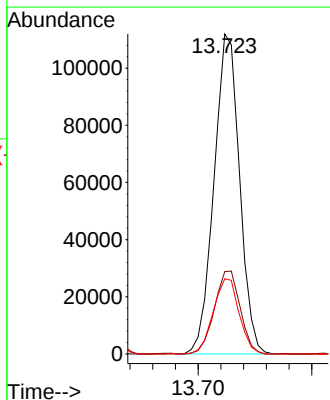
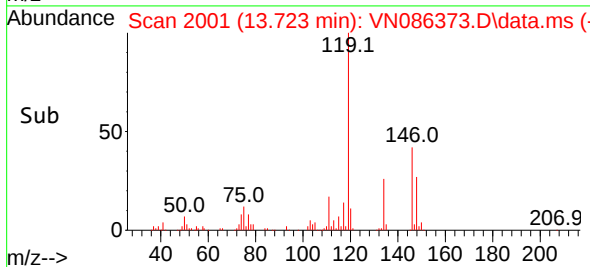
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025

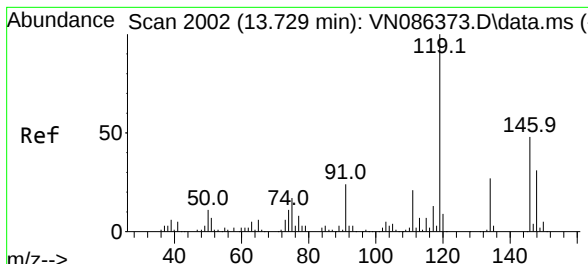


#82
 p-Isopropyltoluene
 Concen: 18.304 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086373.D
 Acq: 23 Apr 2025 09:45



Tgt Ion:119 Resp: 175002
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.2
 91 23.8 0.0 47.6





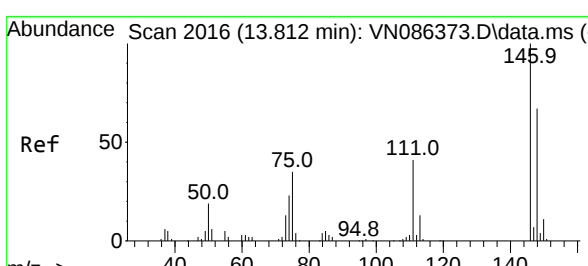
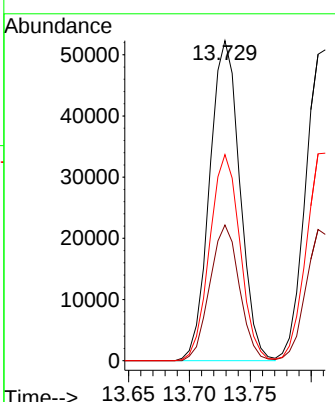
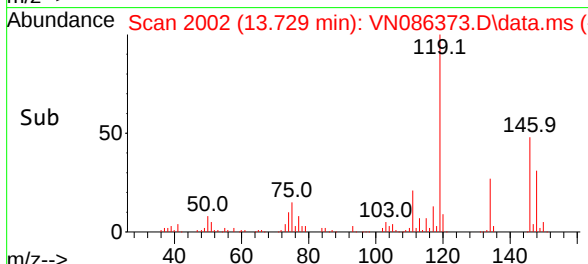
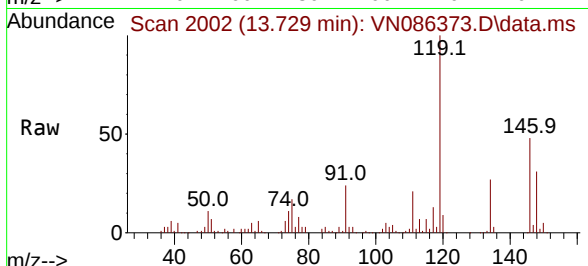
#83
 1,3-Dichlorobenzene
 Concen: 18.311 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN086373.D
 Acq: 23 Apr 2025 09:45

Instrument : MSVOA_N
 ClientSampleId : VSTDICCC020

Tgt Ion:146 Resp: 9064

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	64.5	32.3	96.8

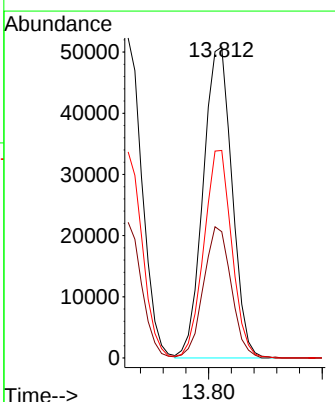
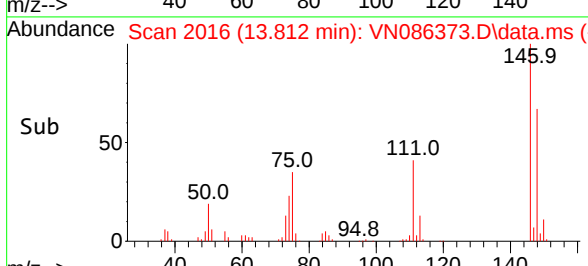
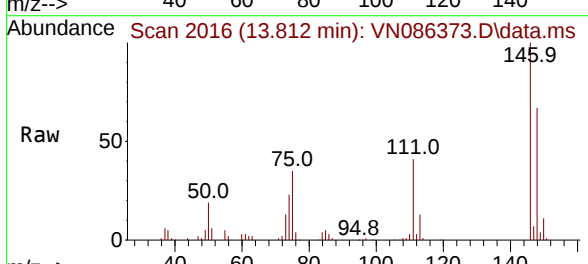
Manual Integrations
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 Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025

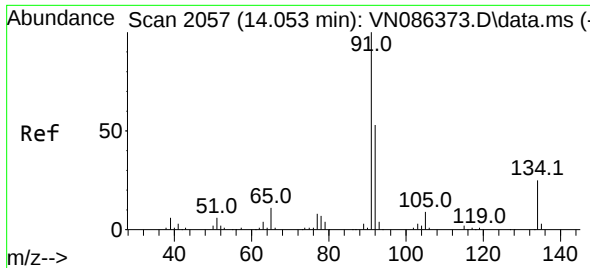


#84
 1,4-Dichlorobenzene
 Concen: 18.342 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN086373.D
 Acq: 23 Apr 2025 09:45

Tgt Ion:146 Resp: 89707

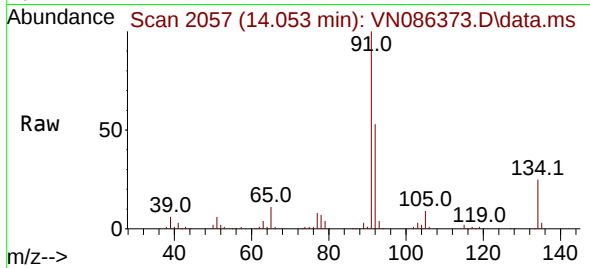
Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.8
148	64.8	32.4	97.2





#85
n-Butylbenzene
Concen: 17.991 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

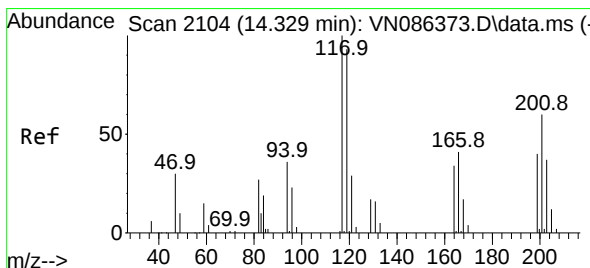
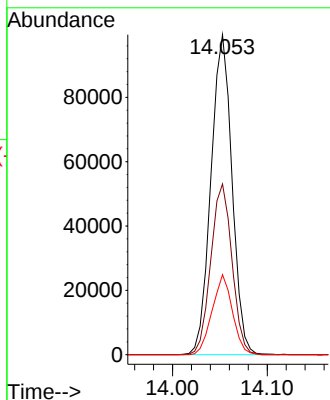
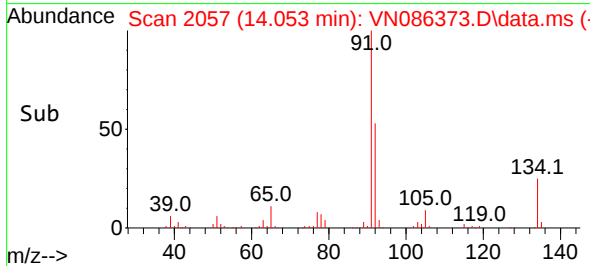
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 91 Resp: 153480
Ion Ratio Lower Upper
91 100
92 53.6 0.0 107.2
134 24.1 0.0 48.2

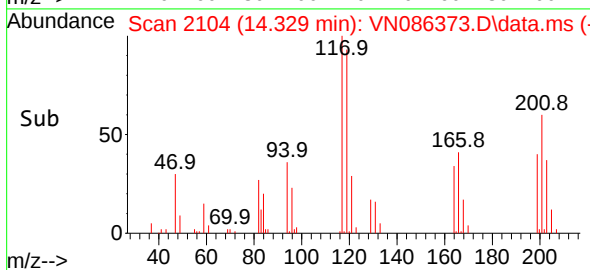
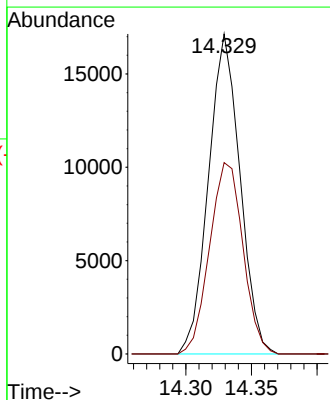
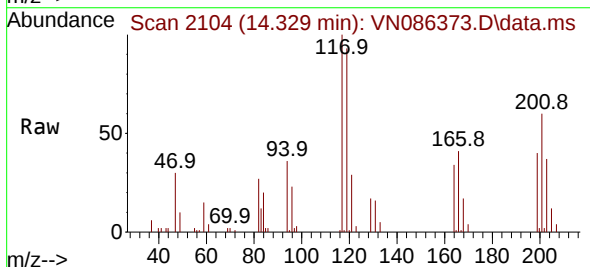
Manual Integrations
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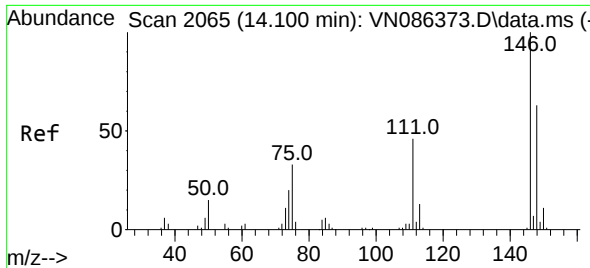
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#86
Hexachloroethane
Concen: 18.313 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Tgt Ion:117 Resp: 28629
Ion Ratio Lower Upper
117 100
201 63.4 31.7 95.1





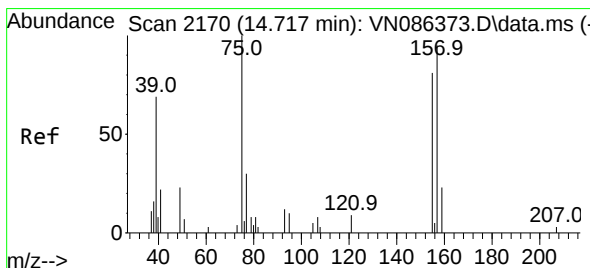
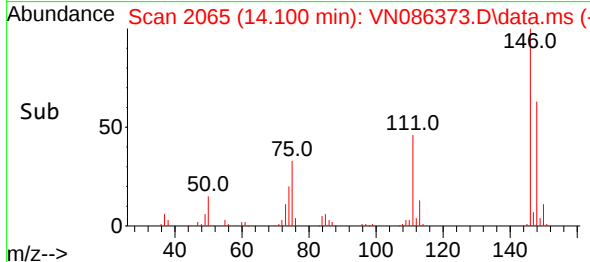
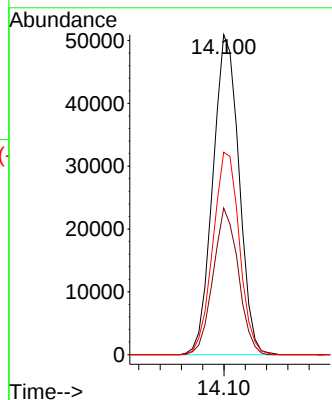
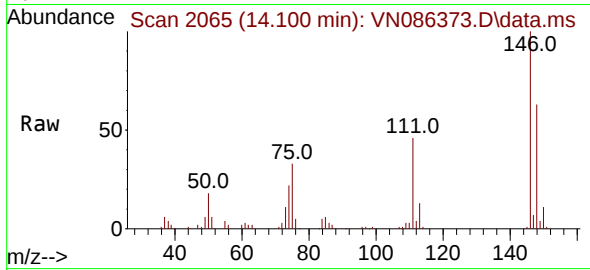
#87
1,2-Dichlorobenzene
Concen: 18.450 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:146 Resp: 8689
Ion Ratio Lower Upper
146 100
111 44.2 22.1 66.3
148 64.0 32.0 96.0

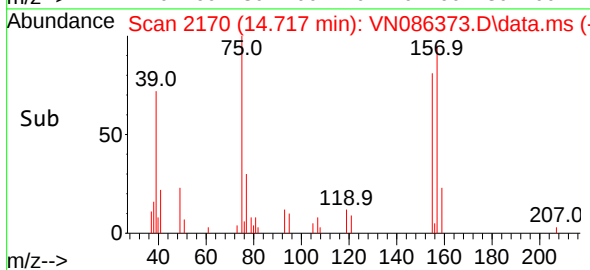
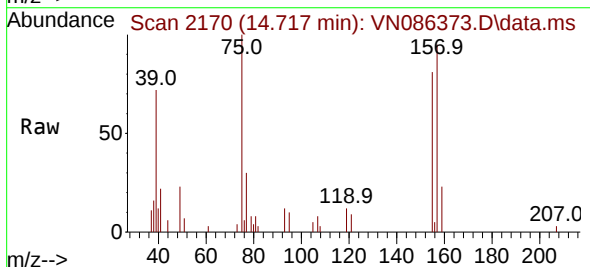
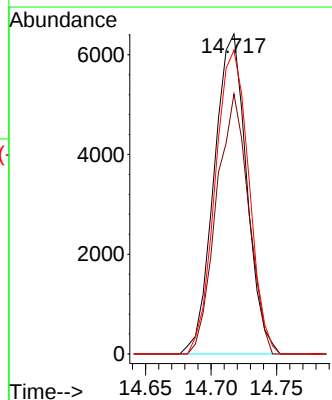
Manual Integrations
APPROVED

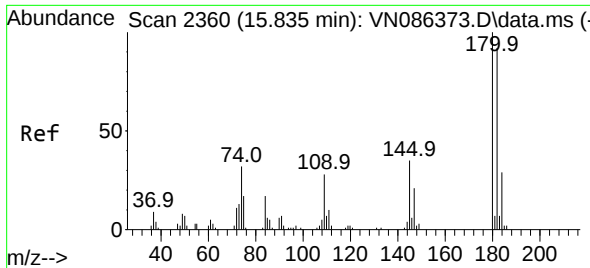
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.182 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

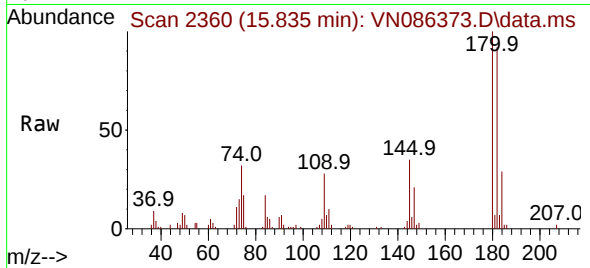
Tgt Ion: 75 Resp: 11084
Ion Ratio Lower Upper
75 100
155 80.0 64.0 96.0
157 97.8 78.2 117.4





#89
1,2,4-Trichlorobenzene
Concen: 17.609 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

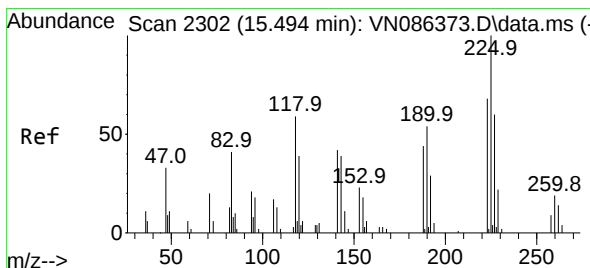
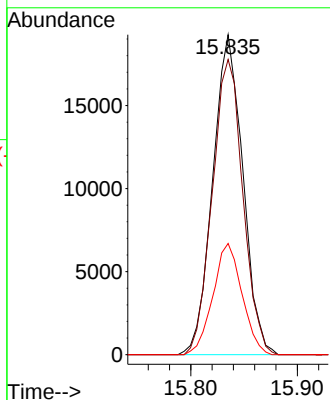
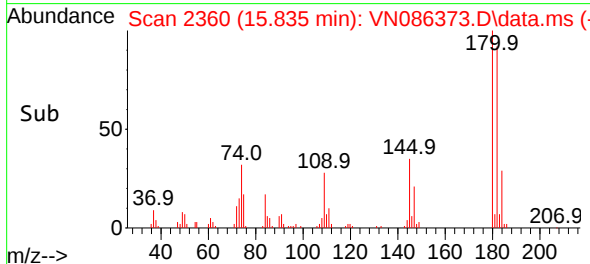
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



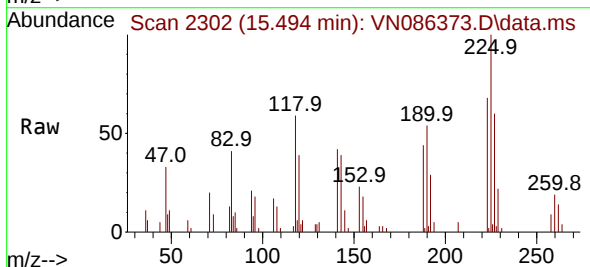
Tgt Ion:180 Resp: 3780
Ion Ratio Lower Upper
180 100
182 93.5 74.8 112.2
145 33.6 26.9 40.3

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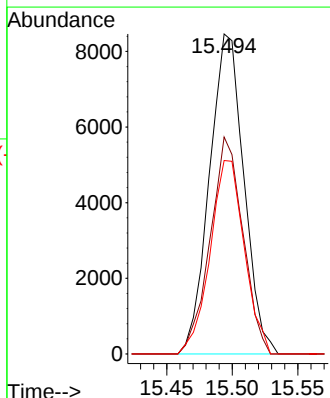
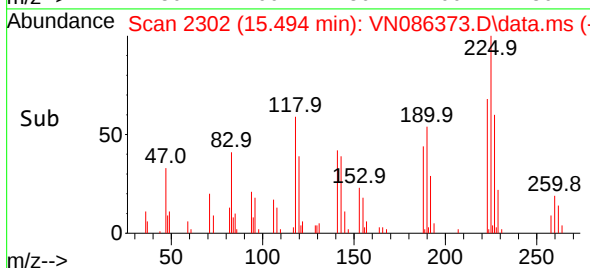
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

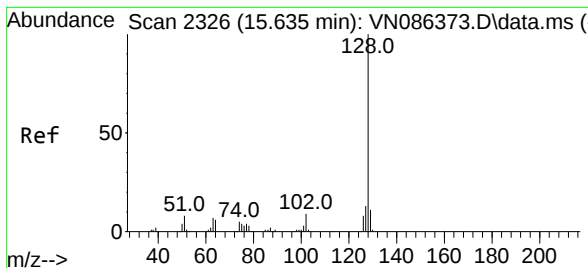


#90
Hexachlorobutadiene
Concen: 17.847 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45



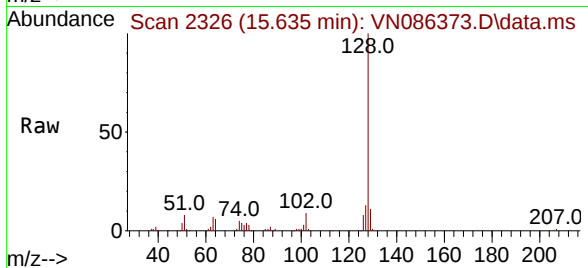
Tgt Ion:225 Resp: 15432
Ion Ratio Lower Upper
225 100
223 64.4 0.0 128.8
227 60.1 0.0 120.2





#91
Naphthalene
Concen: 17.630 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

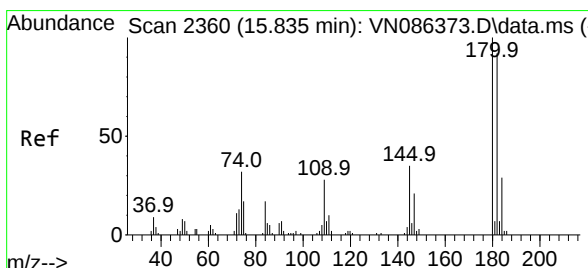
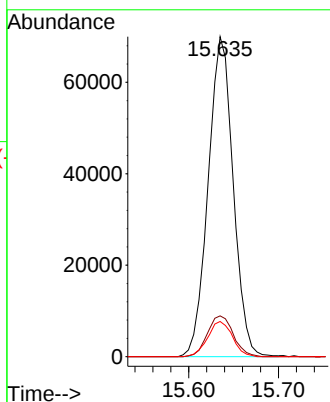
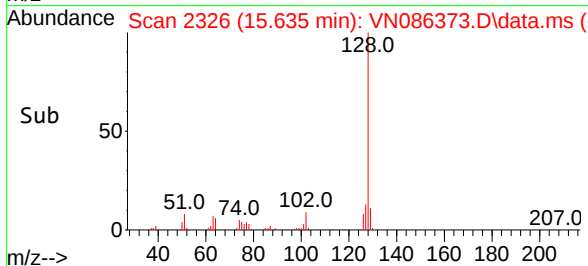
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 13549
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.9 8.7 13.1

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



#92
1,2,3-Trichlorobenzene
Concen: 17.609 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086373.D
Acq: 23 Apr 2025 09:45

Tgt Ion:180 Resp: 37802
Ion Ratio Lower Upper
180 100
182 93.5 0.0 187.0
145 33.6 0.0 67.2

