

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086672.D
 Acq On : 16 May 2025 17:43
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: May 17 00:15:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:09:38 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	197408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	359594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	54239	19.085	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.160%#		
35) Dibromofluoromethane	8.165	113	41801	23.360	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	46.720%#		
50) Toluene-d8	10.565	98	177303	19.879	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.760%#		
62) 4-Bromofluorobenzene	12.847	95	62323	19.235	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	38.460%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	37640	16.047	ug/l	97
3) Chloromethane	2.359	50	60191	17.604	ug/l	97
4) Vinyl Chloride	2.512	62	56269	17.470	ug/l	98
5) Bromomethane	2.947	94	32779	21.896	ug/l	98
6) Chloroethane	3.118	64	38167	17.756	ug/l	95
7) Trichlorofluoromethane	3.495	101	70950	19.676	ug/l	96
8) Diethyl Ether	3.959	74	29534	18.929	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	42920	19.720	ug/l	99
10) Methyl Iodide	4.589	142	51783	21.291	ug/l	98
11) Tert butyl alcohol	5.512	59	49484	95.074	ug/l	100
12) 1,1-Dichloroethene	4.336	96	44017	18.962	ug/l	97
13) Acrolein	4.177	56	48522	136.813	ug/l	99
14) Allyl chloride	5.024	41	68204	16.792	ug/l	99
15) Acrylonitrile	5.718	53	131858	102.437	ug/l	99
16) Acetone	4.424	43	101424	89.021	ug/l	98
17) Carbon Disulfide	4.712	76	123380	17.760	ug/l	99
18) Methyl Acetate	5.024	43	53481	15.926	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	155717	18.369	ug/l	98
20) Methylene Chloride	5.271	84	53580	20.187	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	48109	19.791	ug/l	99
22) Diisopropyl ether	6.671	45	158492	17.885	ug/l	97
23) Vinyl Acetate	6.600	43	654499	104.479	ug/l	99
24) 1,1-Dichloroethane	6.565	63	90501	19.175	ug/l	99
25) 2-Butanone	7.482	43	163572	92.615	ug/l	100
26) 2,2-Dichloropropane	7.488	77	74939	17.911	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	59558	19.761	ug/l	99
28) Bromochloromethane	7.806	49	39958	19.800	ug/l	100
29) Tetrahydrofuran	7.835	42	110374	93.475	ug/l	99
30) Chloroform	7.965	83	92604	19.916	ug/l	97
31) Cyclohexane	8.253	56	80800	17.665	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	77893	19.565	ug/l	98
36) 1,1-Dichloropropene	8.371	75	64751	19.476	ug/l	100
37) Ethyl Acetate	7.559	43	65633	18.770	ug/l	99
38) Carbon Tetrachloride	8.359	117	66190	20.795	ug/l	99
39) Methylcyclohexane	9.600	83	71304	18.227	ug/l	99
40) Benzene	8.606	78	213460	20.002	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086672.D
 Acq On : 16 May 2025 17:43
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2025
 Supervised By : Mahesh Dadoda 05/19/2025

Quant Time: May 17 00:15:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:09:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	35706	17.809	ug/l	100
42) 1,2-Dichloroethane	8.665	62	67134	19.757	ug/l	100
43) Isopropyl Acetate	8.688	43	122489	14.669	ug/l	98
44) Trichloroethene	9.347	130	51930	20.468	ug/l	99
45) 1,2-Dichloropropane	9.618	63	52246	20.108	ug/l	98
46) Dibromomethane	9.706	93	35245	21.150	ug/l	99
47) Bromodichloromethane	9.882	83	71409	19.877	ug/l	98
48) Methyl methacrylate	9.676	41	53023	17.506	ug/l	98
49) 1,4-Dioxane	9.694	88	21528	401.824	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	343562	96.661	ug/l	99
52) Toluene	10.629	92	137539	20.659	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	76705	19.291	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	82783	18.925	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	49729	20.709	ug/l	98
56) Ethyl methacrylate	10.871	69	82716	18.880	ug/l	97
57) 1,3-Dichloropropane	11.159	76	87454	20.572	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	179575	87.281	ug/l	99
59) 2-Hexanone	11.194	43	257013	97.403	ug/l	99
60) Dibromochloromethane	11.359	129	53776	20.466	ug/l	98
61) 1,2-Dibromoethane	11.465	107	50846	20.921	ug/l	98
64) Tetrachloroethene	11.100	164	51785	20.381	ug/l	96
65) Chlorobenzene	11.888	112	150439	20.366	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	48349	19.851	ug/l	99
67) Ethyl Benzene	11.959	91	260721	19.673	ug/l	100
68) m/p-Xylenes	12.065	106	201601	40.507	ug/l	100
69) o-Xylene	12.394	106	100301	20.298	ug/l	97
70) Styrene	12.406	104	166436	20.301	ug/l	99
71) Bromoform	12.576	173	35068	19.141	ug/l #	97
73) Isopropylbenzene	12.694	105	238751	20.455	ug/l	99
74) N-amyl acetate	12.494	43	100018	17.465	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	72469	21.374	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	70466m	20.815	ug/l	
77) Bromobenzene	12.976	156	57601	22.016	ug/l	99
78) n-propylbenzene	13.035	91	274906	20.038	ug/l	100
79) 2-Chlorotoluene	13.123	91	175756	20.369	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	191549	20.048	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	29065	20.670	ug/l	95
82) 4-Chlorotoluene	13.217	91	176501	20.664	ug/l	98
83) tert-Butylbenzene	13.435	119	168468	20.324	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	192028	19.778	ug/l	98
85) sec-Butylbenzene	13.612	105	223581	19.574	ug/l	99
86) p-Isopropyltoluene	13.723	119	183908	19.537	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	99754	20.377	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	100717	20.473	ug/l	99
89) n-Butylbenzene	14.053	91	151273	18.306	ug/l	98
90) Hexachloroethane	14.329	117	30231	19.092	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	95188	20.058	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11492	17.115	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	41411	18.515	ug/l	98
94) Hexachlorobutadiene	15.494	225	16213	19.071	ug/l	99
95) Naphthalene	15.635	128	139495	17.571	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	38790	18.236	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
Data File : VN086672.D
Acq On : 16 May 2025 17:43
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

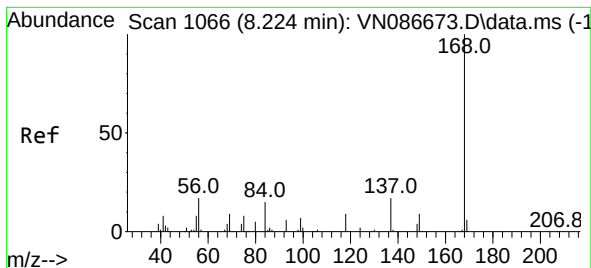
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

Quant Time: May 17 00:15:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:09:38 2025
Response via : Initial Calibration

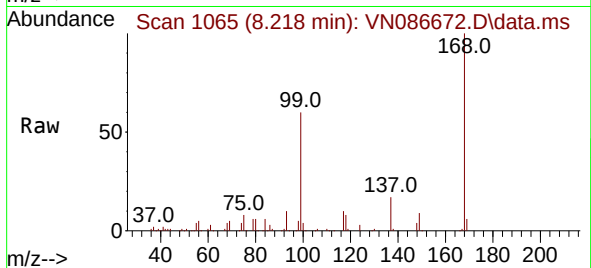
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

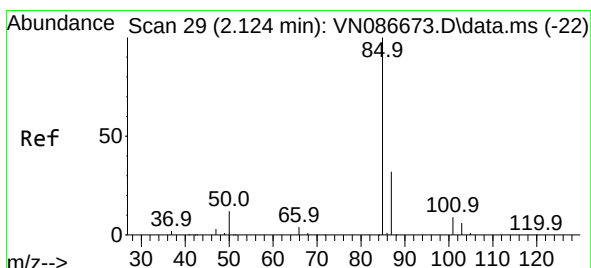
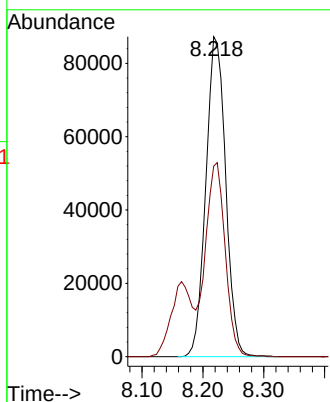
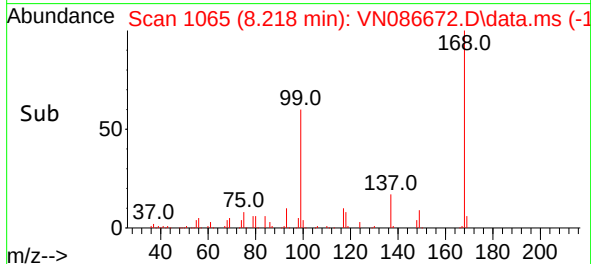
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 197408
Ion Ratio Lower Upper
168 100
99 59.6 47.0 70.4

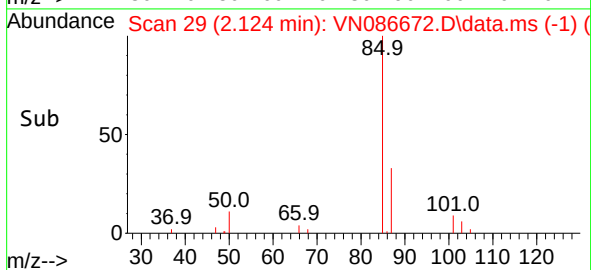
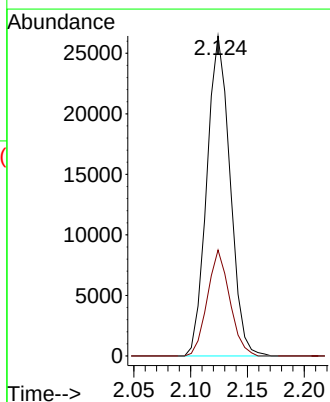
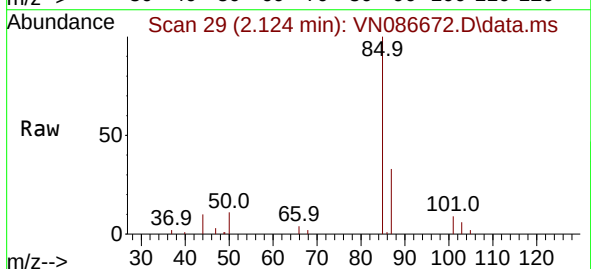
Manual Integrations
APPROVED

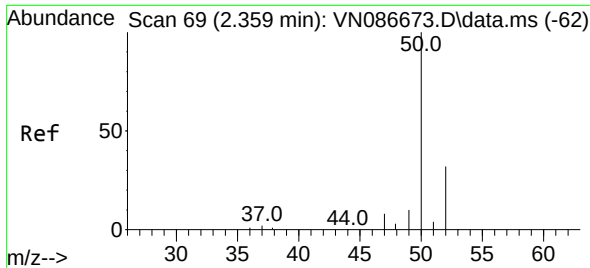
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#2
Dichlorodifluoromethane
Concen: 16.047 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

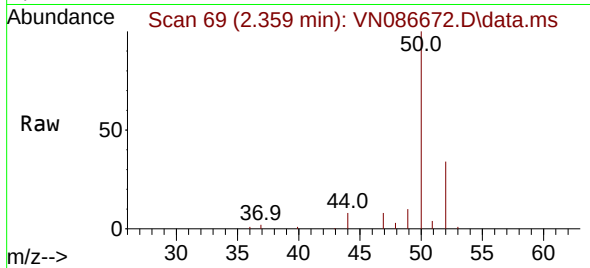
Tgt Ion: 85 Resp: 37640
Ion Ratio Lower Upper
85 100
87 33.1 15.9 47.6





#3
Chloromethane
Concen: 17.604 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

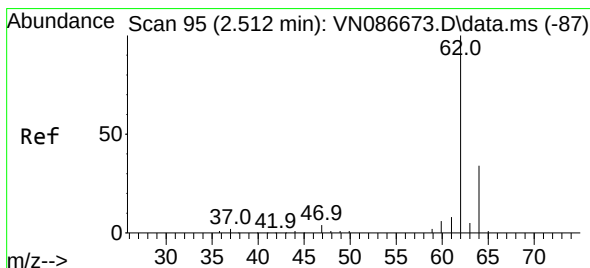
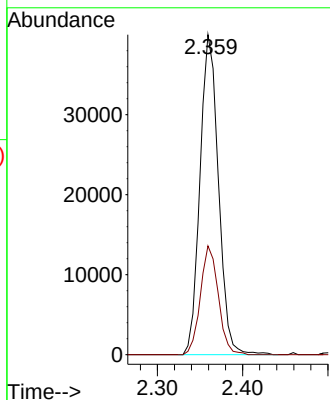
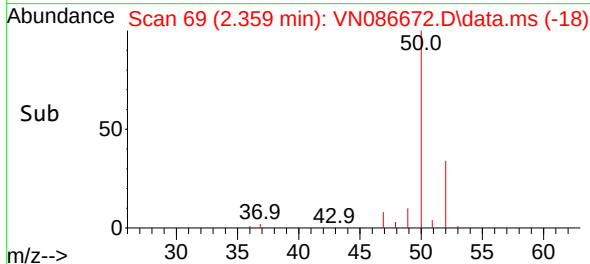
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



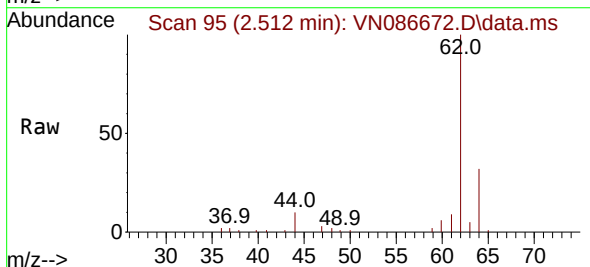
Tgt Ion: 50 Resp: 6019
Ion Ratio Lower Upper
50 100
52 34.0 25.9 38.9

Manual Integrations
APPROVED

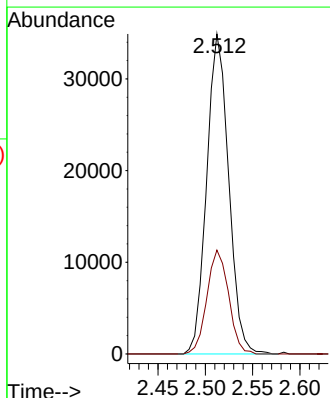
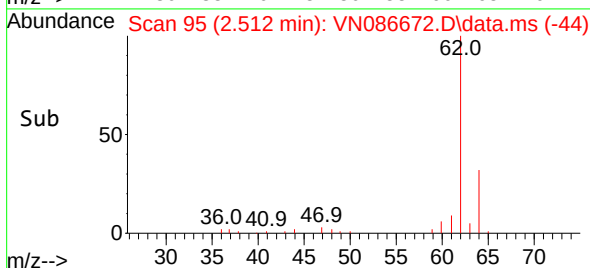
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

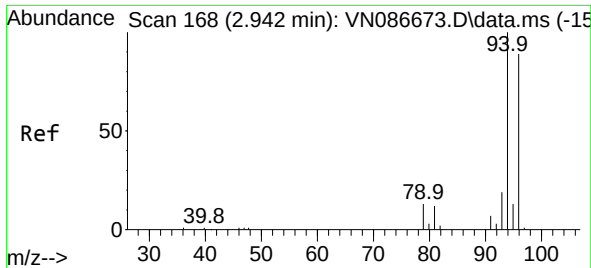


#4
Vinyl Chloride
Concen: 17.470 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43



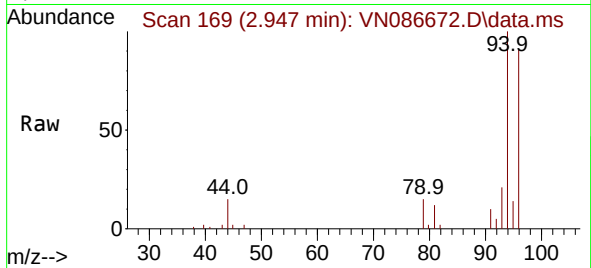
Tgt Ion: 62 Resp: 56269
Ion Ratio Lower Upper
62 100
64 32.5 26.9 40.3





#5
Bromomethane
Concen: 21.896 ug/l
RT: 2.947 min Scan# 168
Delta R.T. 0.006 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

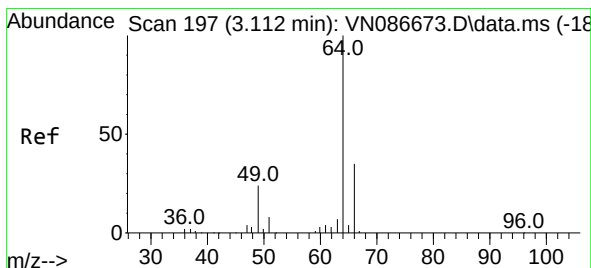
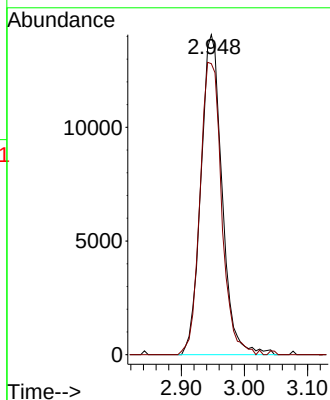
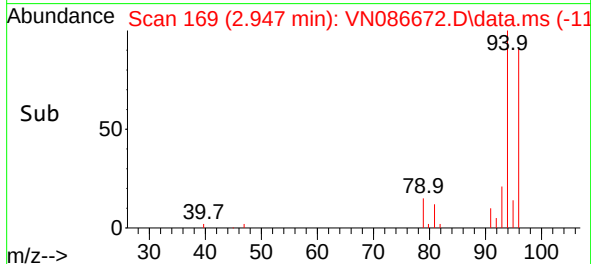
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 94 Resp: 32779
Ion Ratio Lower Upper
94 100
96 90.9 71.2 106.8

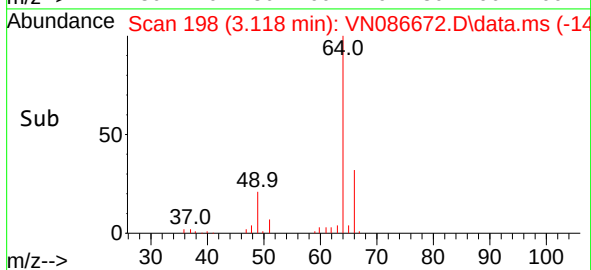
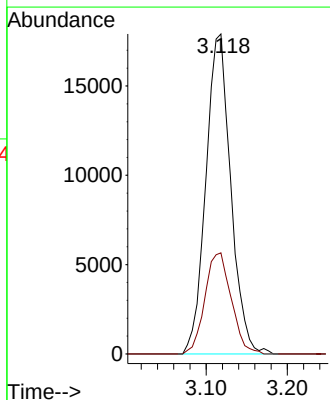
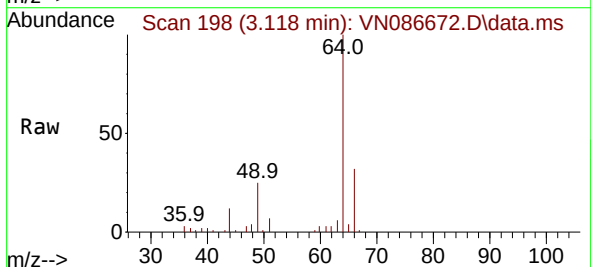
Manual Integrations
APPROVED

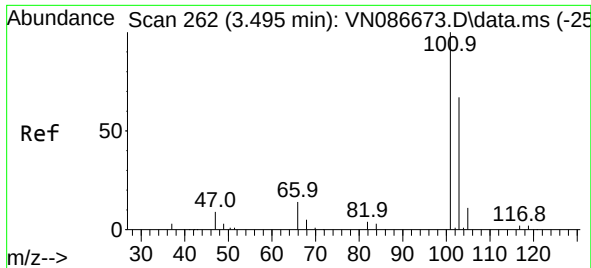
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#6
Chloroethane
Concen: 17.756 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

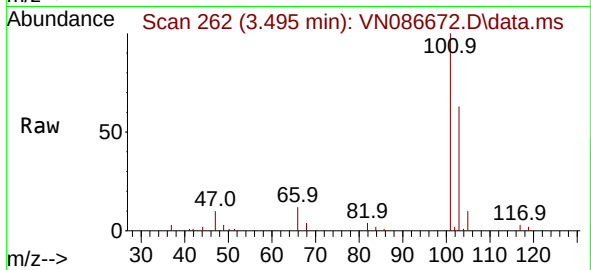
Tgt Ion: 64 Resp: 38167
Ion Ratio Lower Upper
64 100
66 31.6 27.7 41.5





#7
 Trichlorofluoromethane
 Concen: 19.676 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN086672.D
 Acq: 16 May 2025 17:43

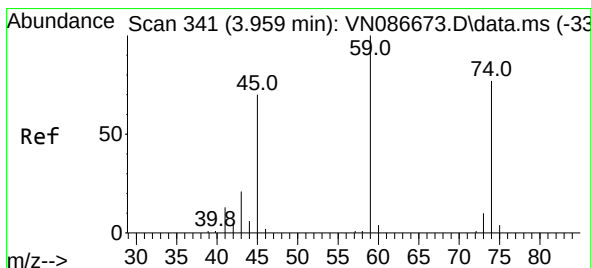
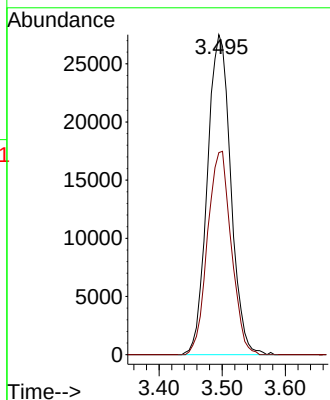
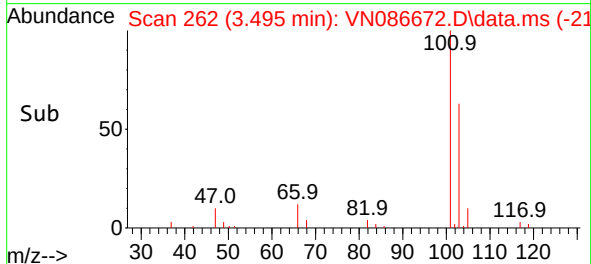
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



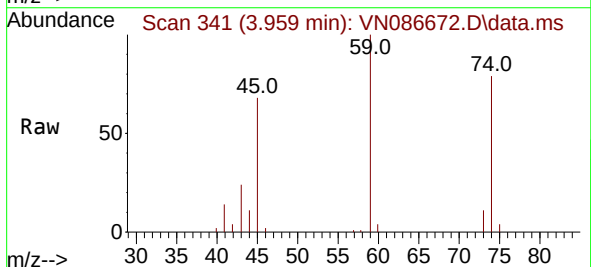
Tgt Ion:101 Resp: 70950
 Ion Ratio Lower Upper
 101 100
 103 63.2 53.4 80.0

Manual Integrations
 APPROVED

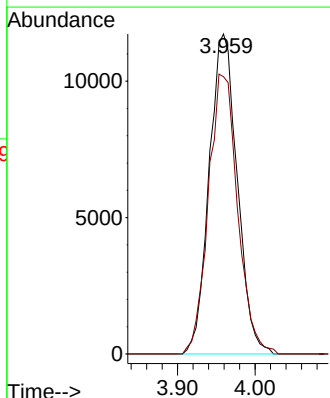
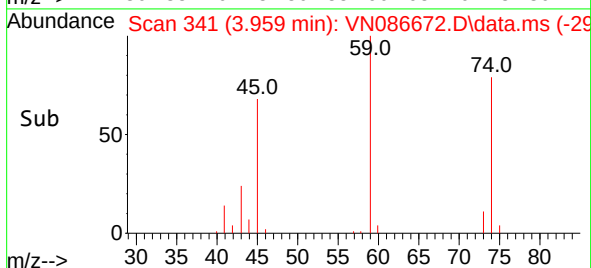
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025

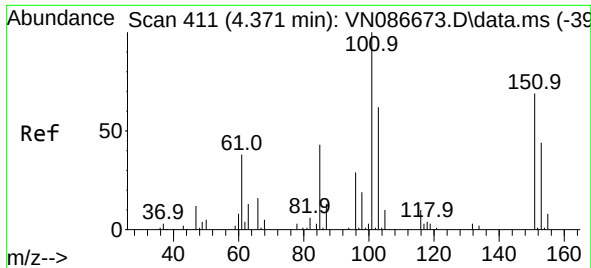


#8
 Diethyl Ether
 Concen: 18.929 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086672.D
 Acq: 16 May 2025 17:43



Tgt Ion: 74 Resp: 29534
 Ion Ratio Lower Upper
 74 100
 45 90.9 45.0 135.0





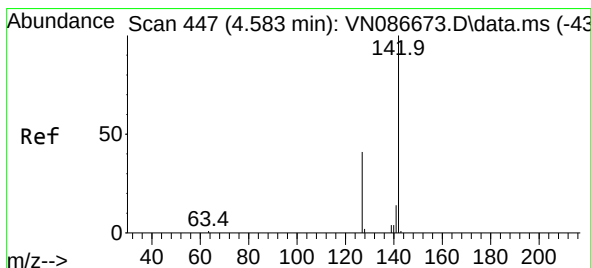
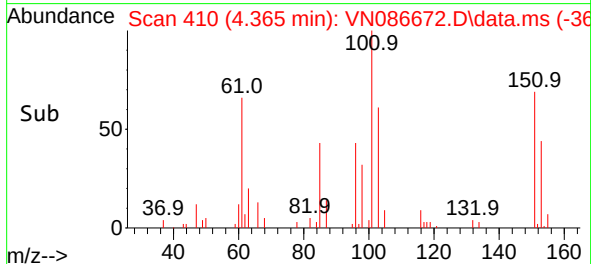
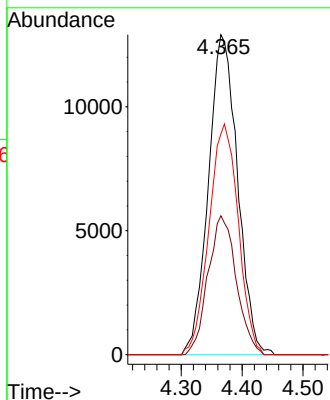
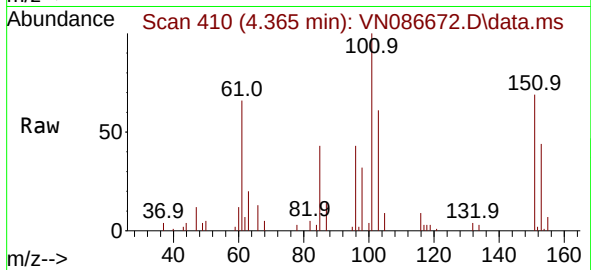
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.720 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 42920
Ion Ratio Lower Upper
101 100
85 42.2 35.0 52.6
151 72.5 58.1 87.1

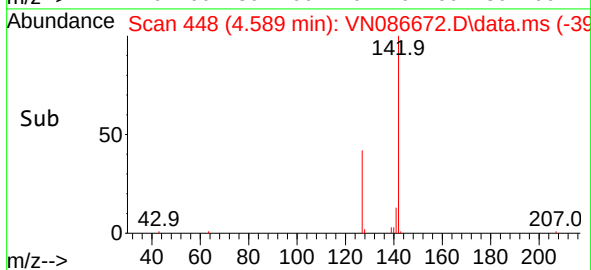
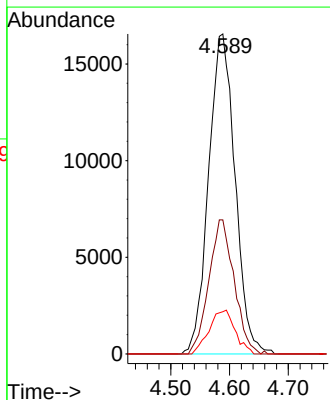
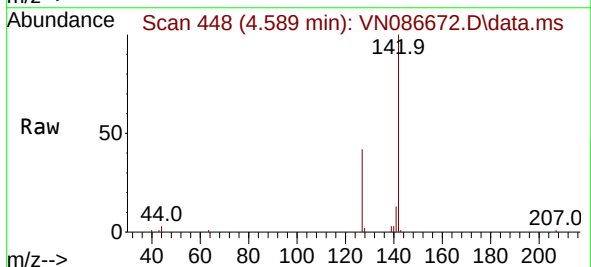
Manual Integrations
APPROVED

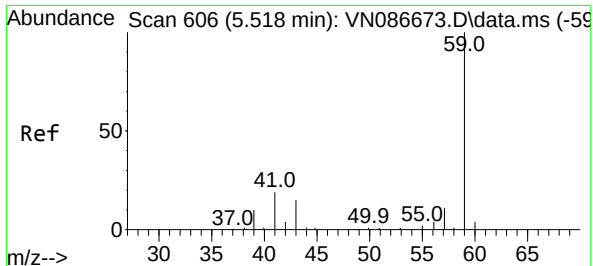
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#10
Methyl Iodide
Concen: 21.291 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

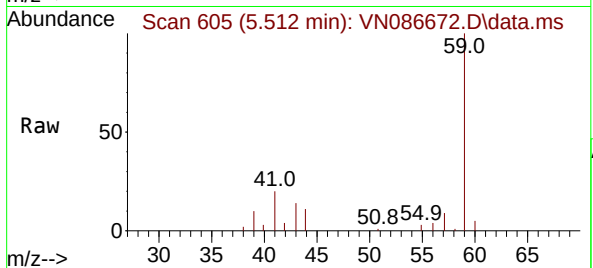
Tgt Ion:142 Resp: 51783
Ion Ratio Lower Upper
142 100
127 41.9 32.4 48.6
141 13.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 95.074 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

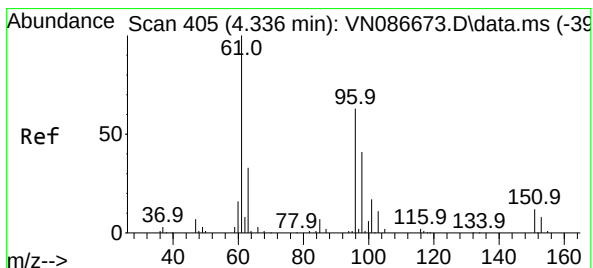
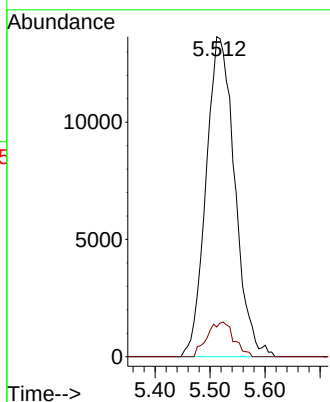
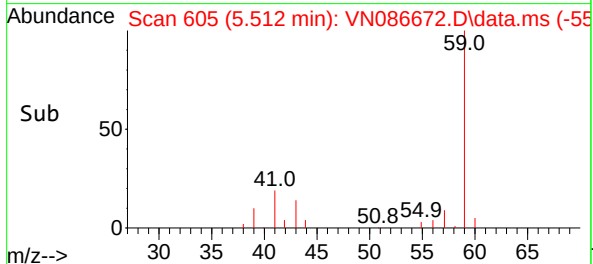
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



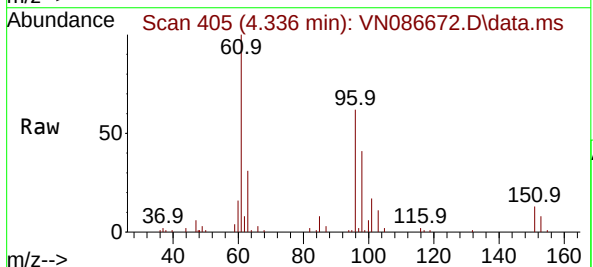
Tgt Ion: 59 Resp: 4948
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

Manual Integrations
APPROVED

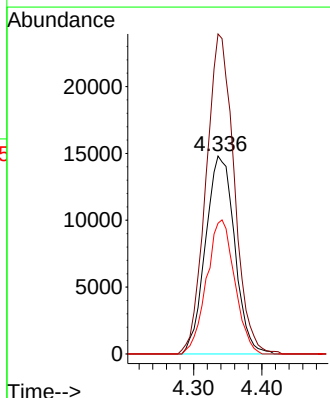
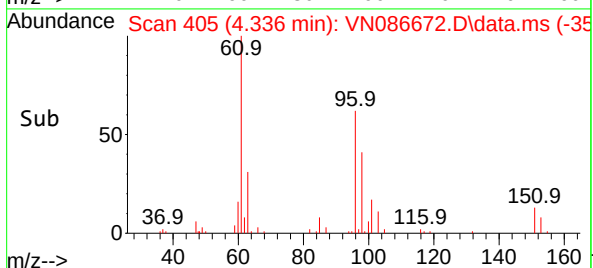
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

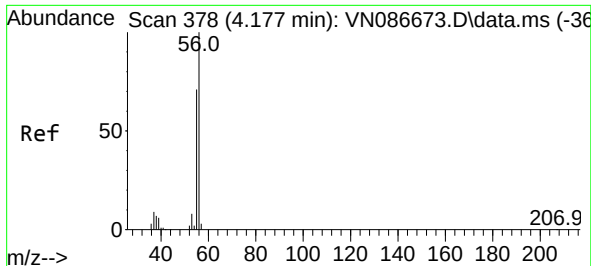


#12
1,1-Dichloroethene
Concen: 18.962 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43



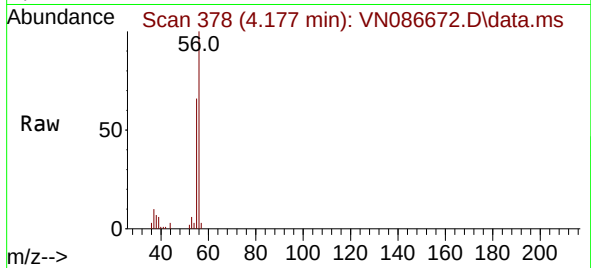
Tgt Ion: 96 Resp: 44017
Ion Ratio Lower Upper
96 100
61 161.7 126.2 189.2
98 66.0 51.5 77.3





#13
Acrolein
Concen: 136.813 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

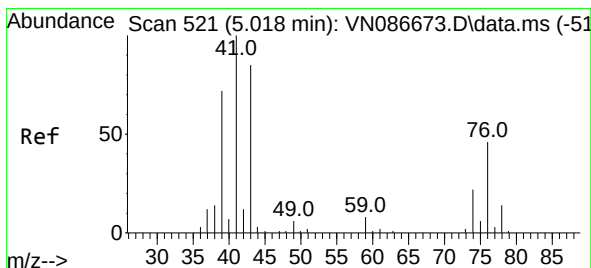
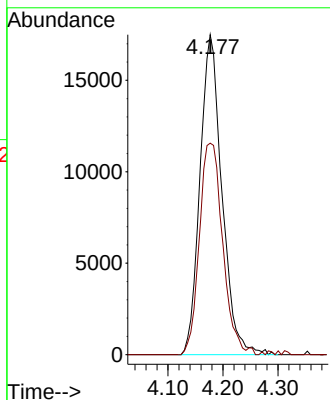
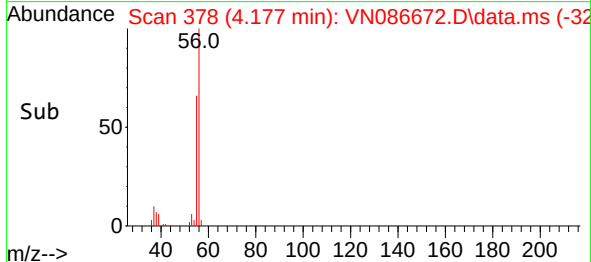
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



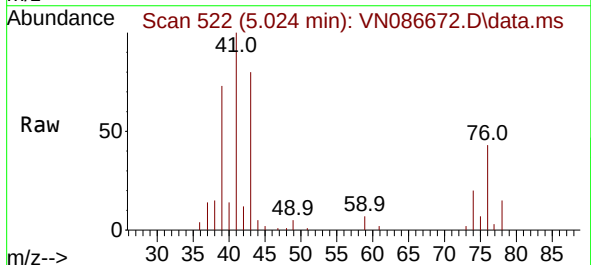
Tgt Ion: 56 Resp: 4852
Ion Ratio Lower Upper
56 100
55 70.2 55.7 83.5

Manual Integrations
APPROVED

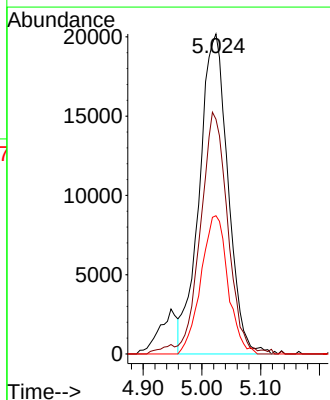
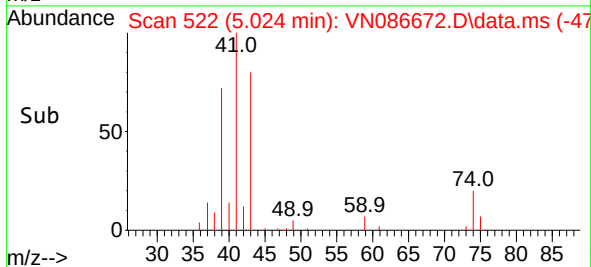
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

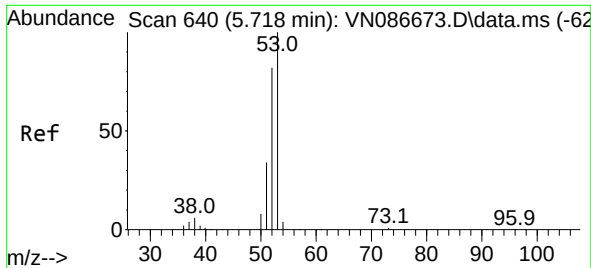


#14
Allyl chloride
Concen: 16.792 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43



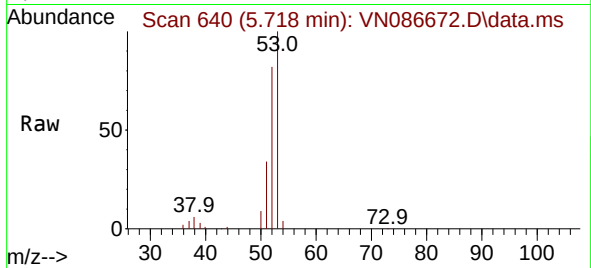
Tgt Ion: 41 Resp: 68204
Ion Ratio Lower Upper
41 100
39 73.1 57.4 86.0
76 40.8 33.2 49.8





#15
Acrylonitrile
Concen: 102.437 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

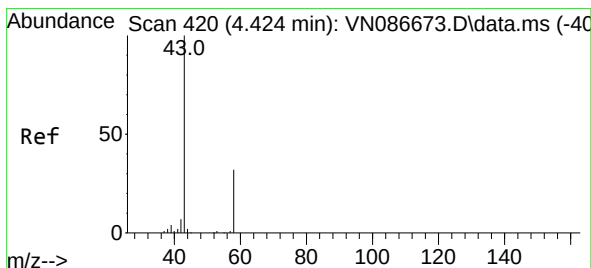
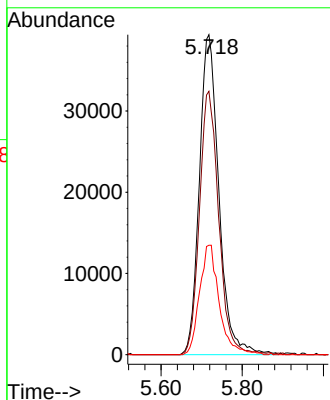
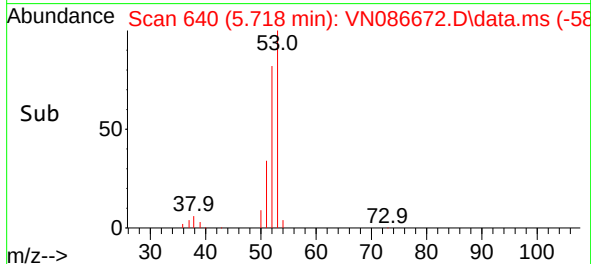
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 53 Resp: 131858
Ion Ratio Lower Upper
53 100
52 81.3 65.4 98.2
51 34.6 27.9 41.9

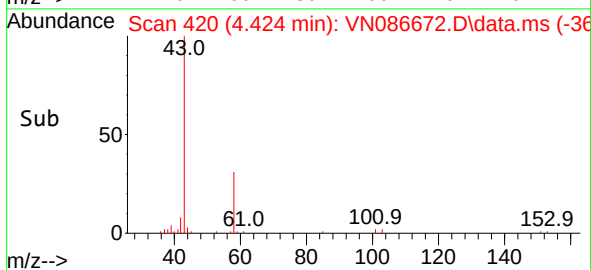
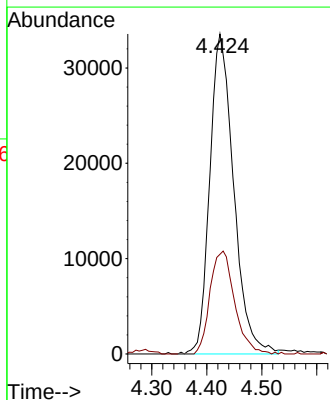
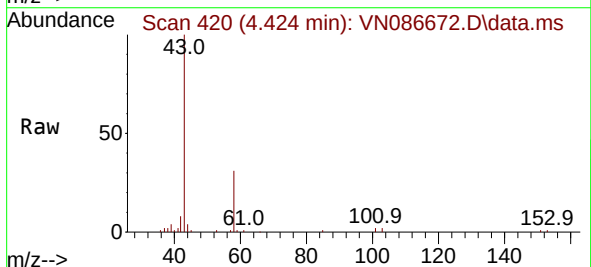
Manual Integrations
APPROVED

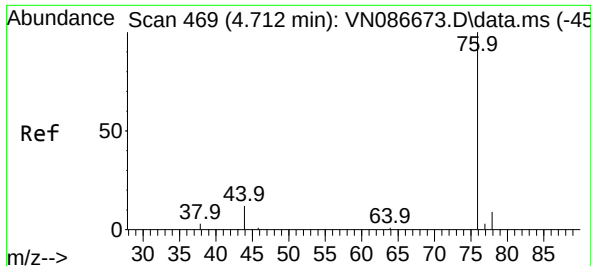
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#16
Acetone
Concen: 89.021 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

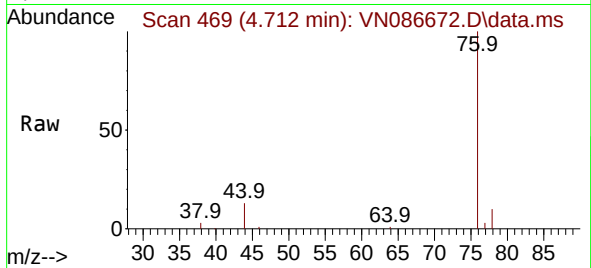
Tgt Ion: 43 Resp: 101424
Ion Ratio Lower Upper
43 100
58 31.1 25.8 38.6





#17
Carbon Disulfide
Concen: 17.760 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

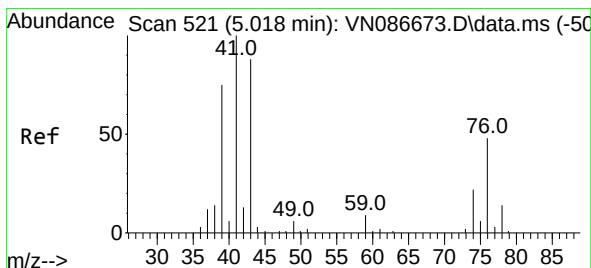
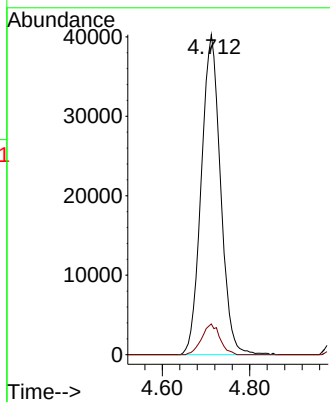
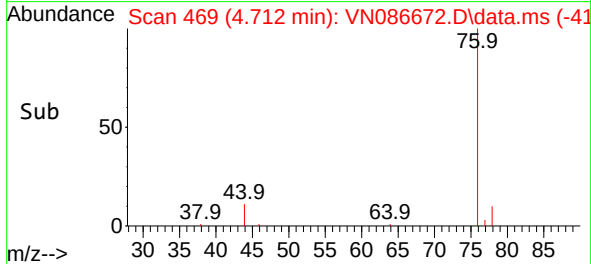
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



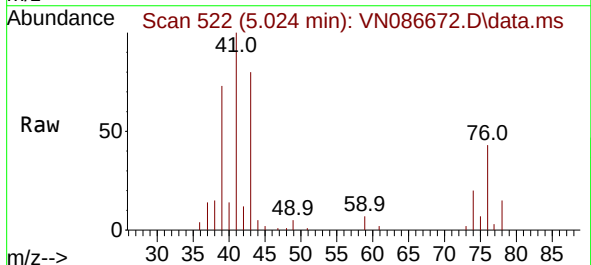
Tgt Ion: 76 Resp: 123380
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

Manual Integrations
APPROVED

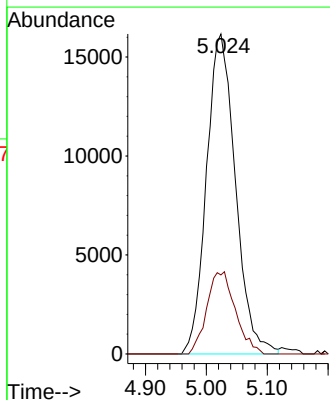
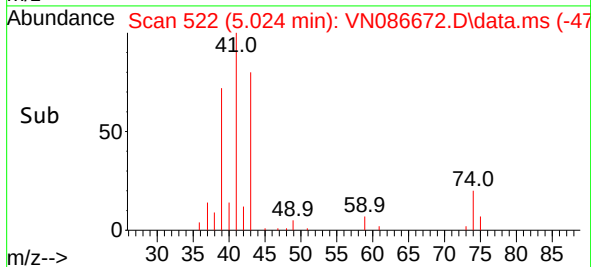
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

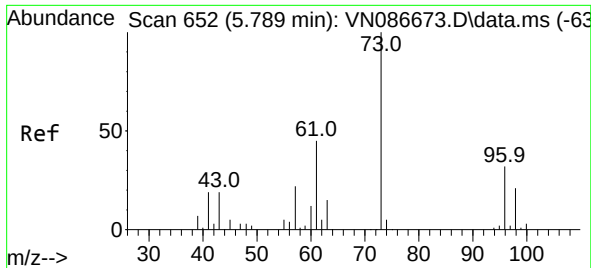


#18
Methyl Acetate
Concen: 15.926 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43



Tgt Ion: 43 Resp: 53481
Ion Ratio Lower Upper
43 100
74 25.3 20.5 30.7





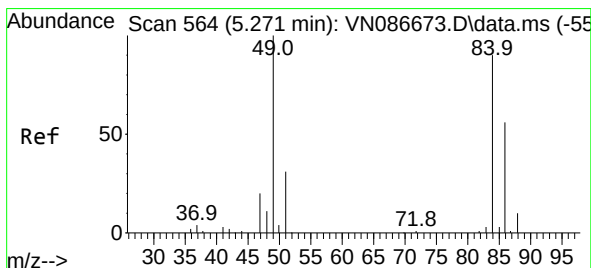
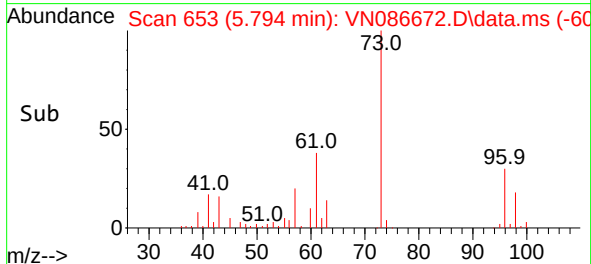
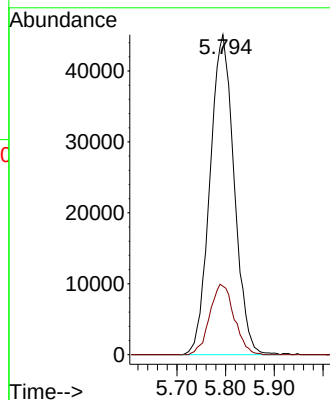
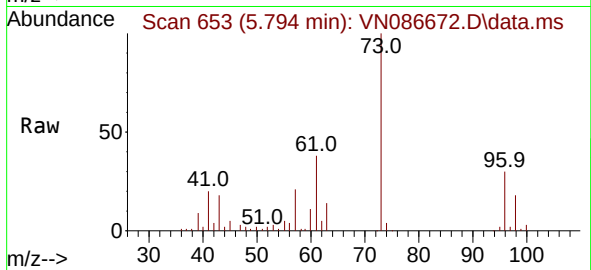
#19
Methyl tert-butyl Ether
Concen: 18.369 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 15571
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5

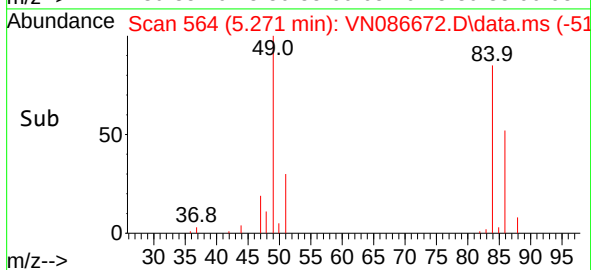
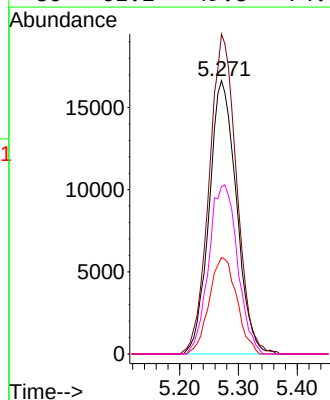
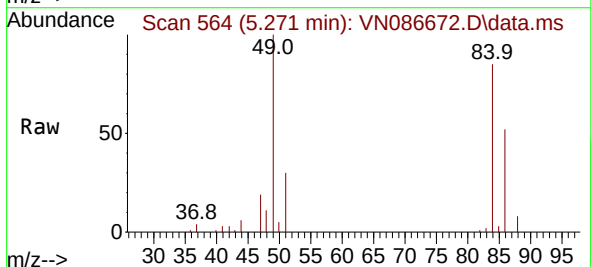
Manual Integrations
APPROVED

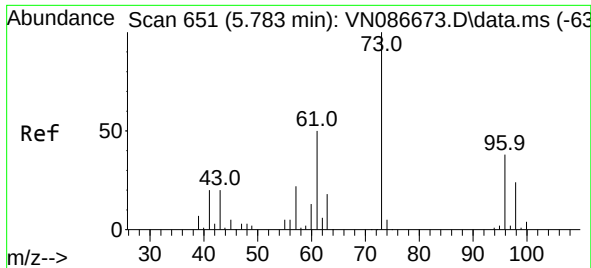
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#20
Methylene Chloride
Concen: 20.187 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Tgt Ion: 84 Resp: 53580
Ion Ratio Lower Upper
84 100
49 117.1 88.8 133.2
51 35.3 27.8 41.6
86 61.2 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 19.791 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Instrument :

MSVOA_N

ClientSampleId :

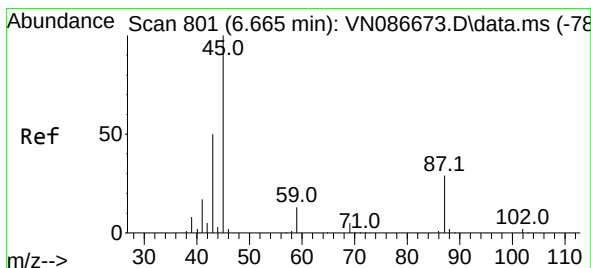
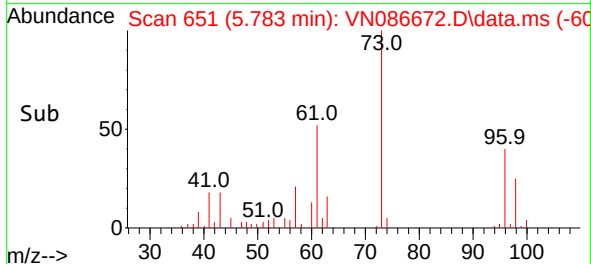
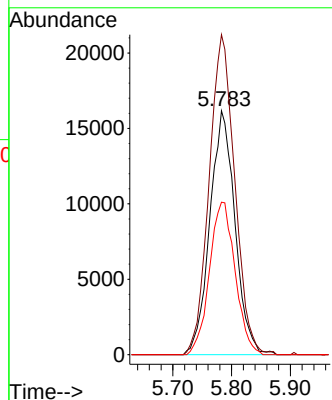
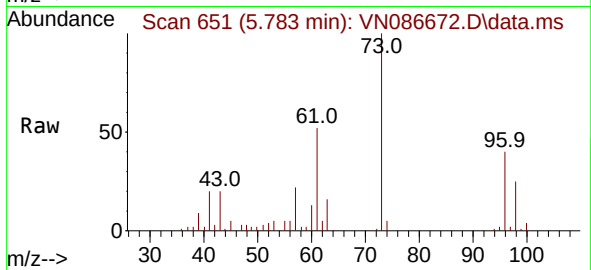
VSTDIC020

Tgt Ion: 96 Resp: 48109
Ion Ratio Lower Upper
96 100
61 131.2 105.7 158.5
98 62.5 51.0 76.6

Manual Integrations

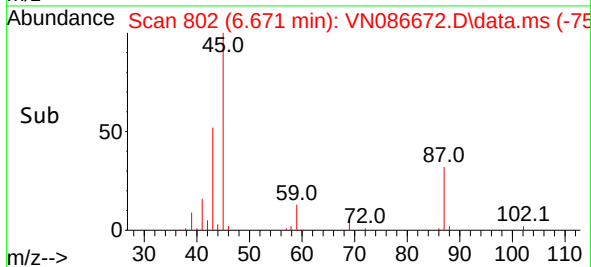
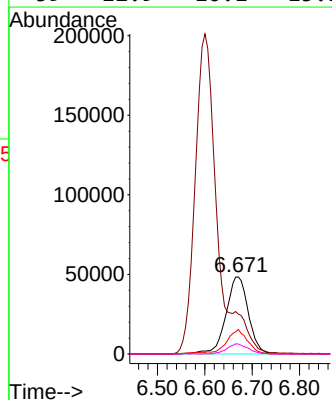
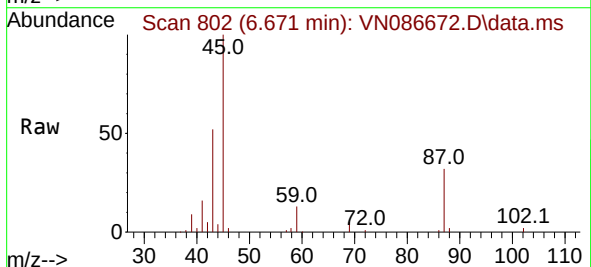
APPROVED

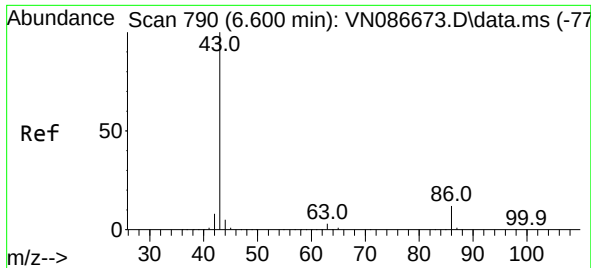
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#22
Diisopropyl ether
Concen: 17.885 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Tgt Ion: 45 Resp: 158492
Ion Ratio Lower Upper
45 100
43 50.7 41.4 62.2
87 31.8 22.9 34.3
59 12.9 10.1 15.1





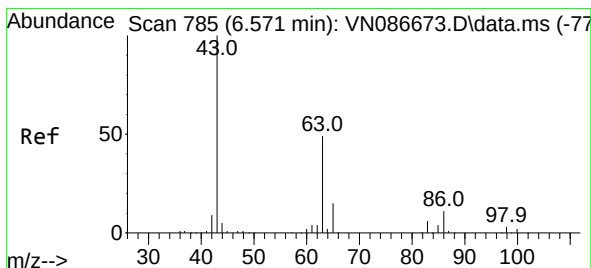
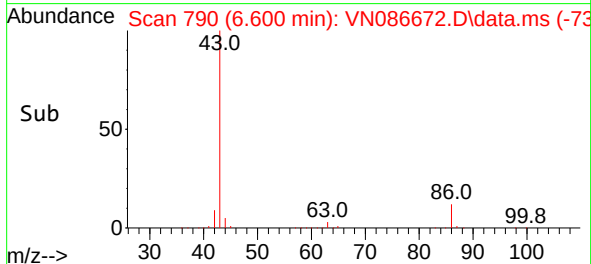
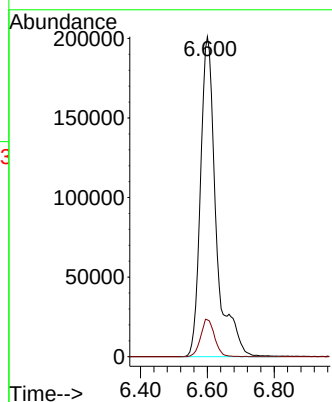
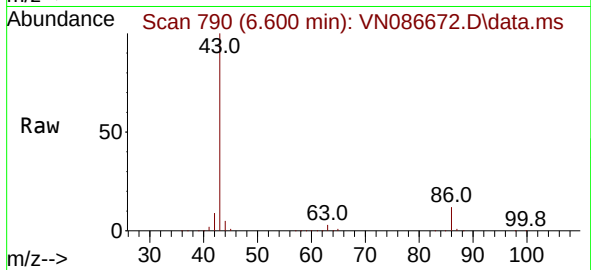
#23
 Vinyl Acetate
 Concen: 104.479 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086672.D
 Acq: 16 May 2025 17:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 654499
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.5 14.3

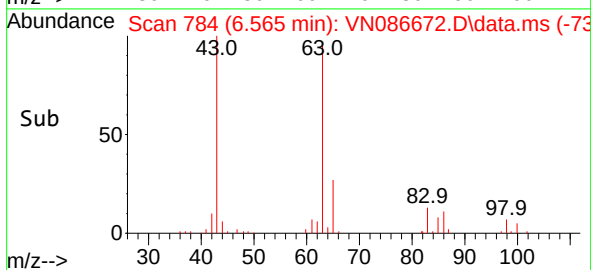
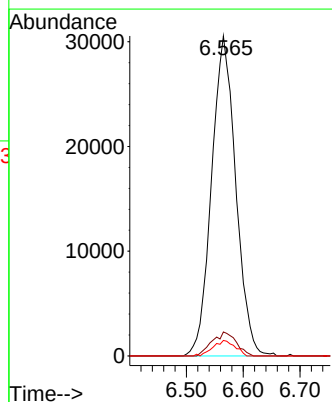
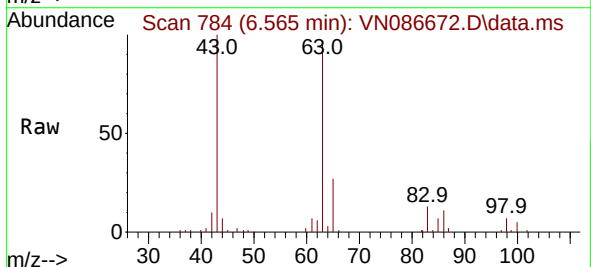
Manual Integrations
 APPROVED

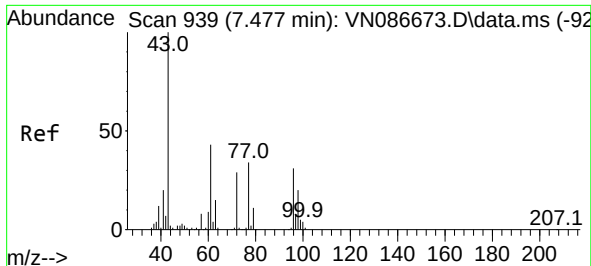
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#24
 1,1-Dichloroethane
 Concen: 19.175 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086672.D
 Acq: 16 May 2025 17:43

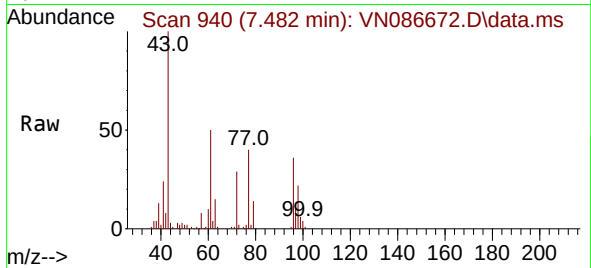
Tgt Ion: 63 Resp: 90501
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.4 10.2
 100 4.9 2.4 7.1





#25
2-Butanone
Concen: 92.615 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

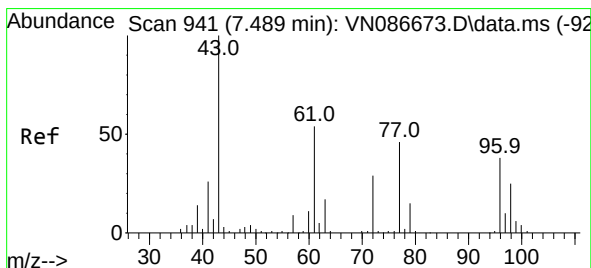
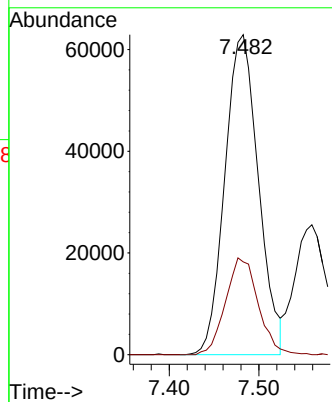
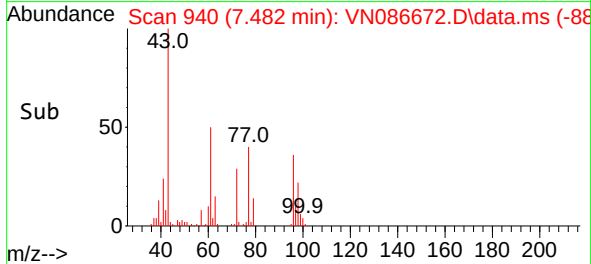
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 163572
Ion Ratio Lower Upper
43 100
72 29.0 23.1 34.7

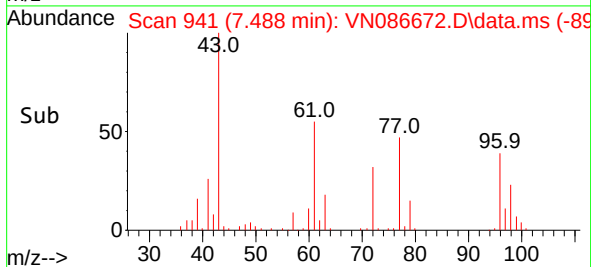
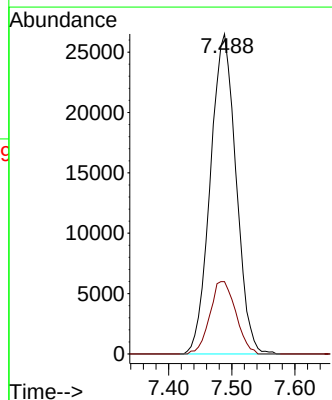
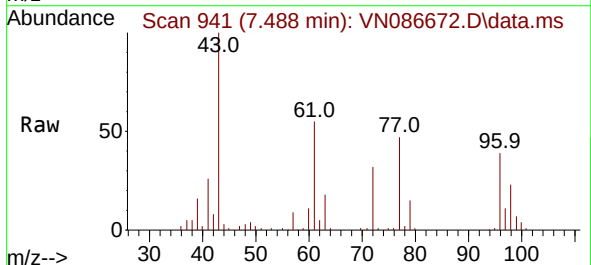
Manual Integrations
APPROVED

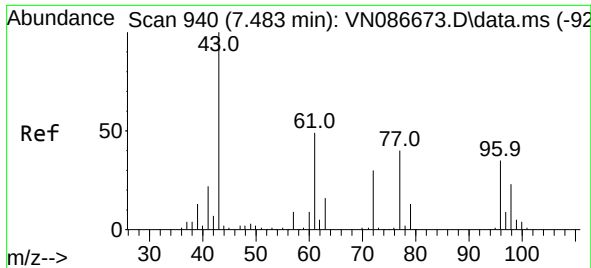
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#26
2,2-Dichloropropane
Concen: 17.911 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

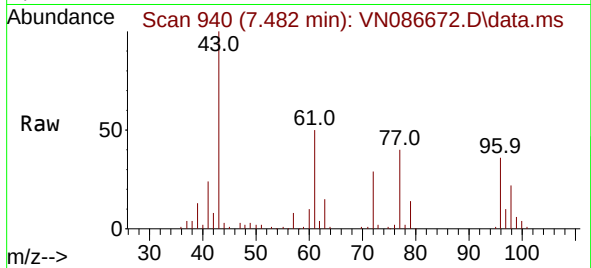
Tgt Ion: 77 Resp: 74939
Ion Ratio Lower Upper
77 100
97 22.8 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 19.761 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086672.D
 Acq: 16 May 2025 17:43

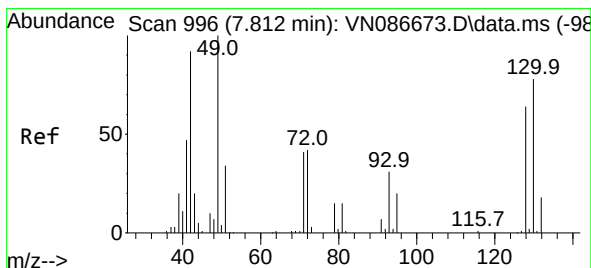
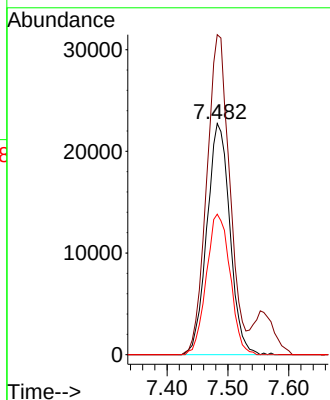
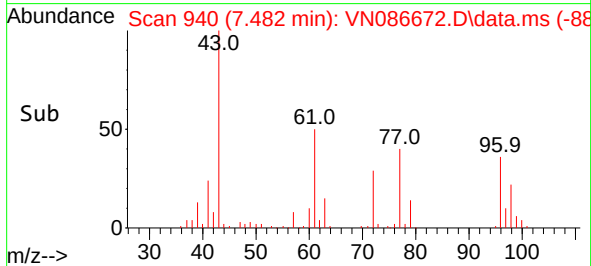
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 59558
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 277.4
 98 62.8 0.0 129.6

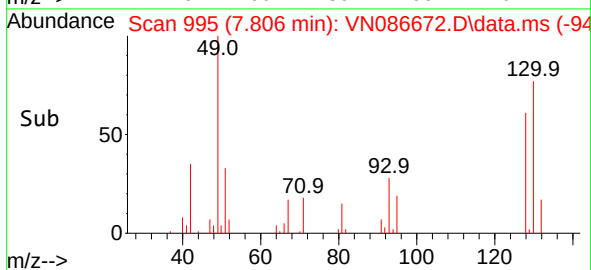
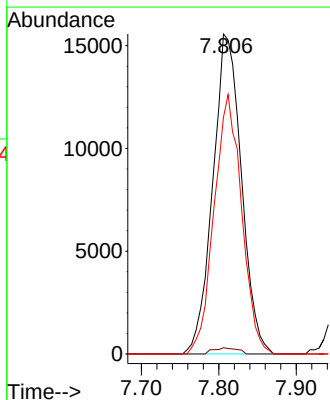
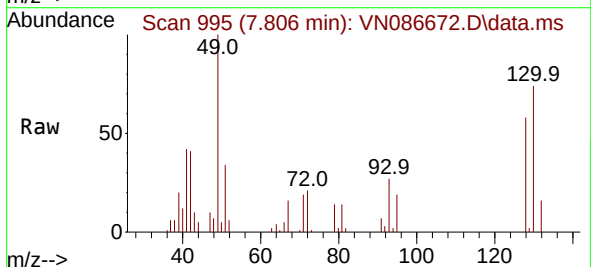
Manual Integrations
 APPROVED

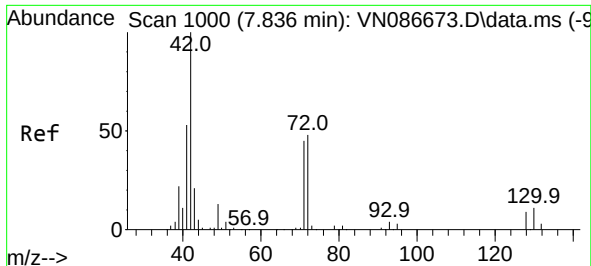
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#28
 Bromochloromethane
 Concen: 19.800 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN086672.D
 Acq: 16 May 2025 17:43

Tgt Ion: 49 Resp: 39958
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 77.9 62.2 93.4





#29

Tetrahydrofuran

Concen: 93.475 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086672.D

Acq: 16 May 2025 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 110374

Ion Ratio Lower Upper

42 100

72 47.6 38.7 58.1

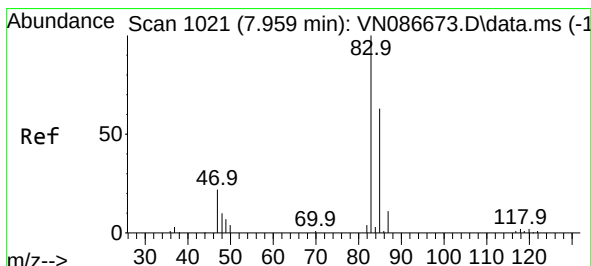
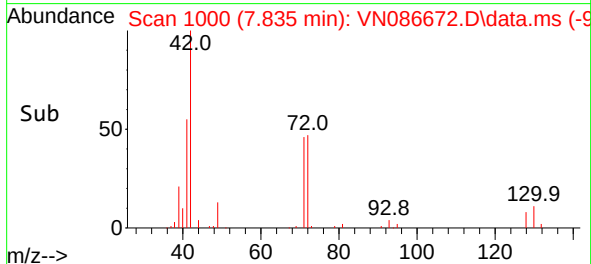
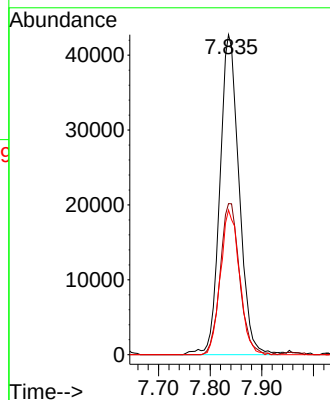
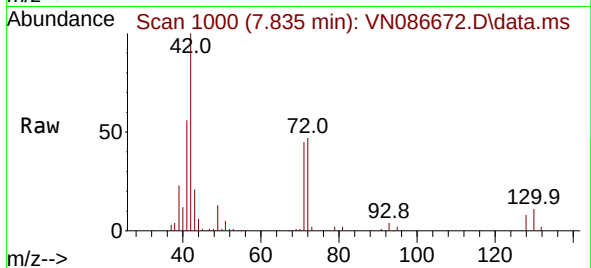
71 44.9 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#30

Chloroform

Concen: 19.916 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN086672.D

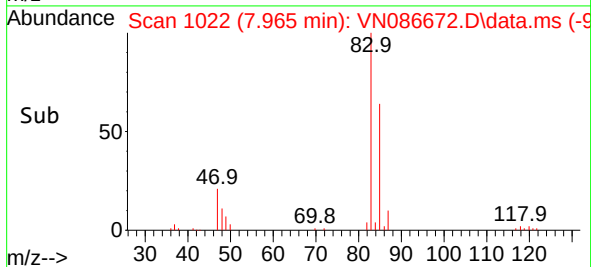
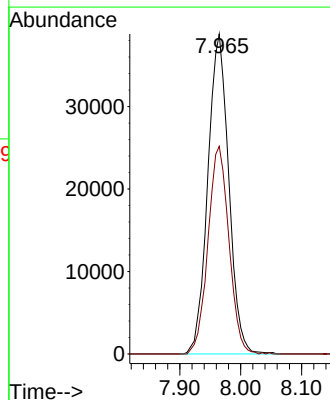
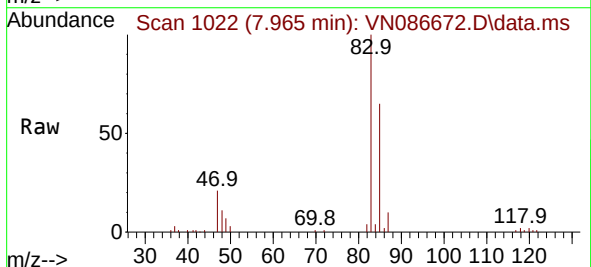
Acq: 16 May 2025 17:43

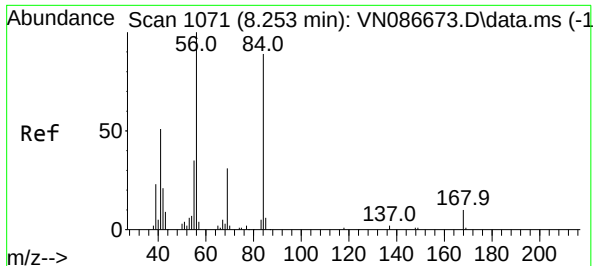
Tgt Ion: 83 Resp: 92604

Ion Ratio Lower Upper

83 100

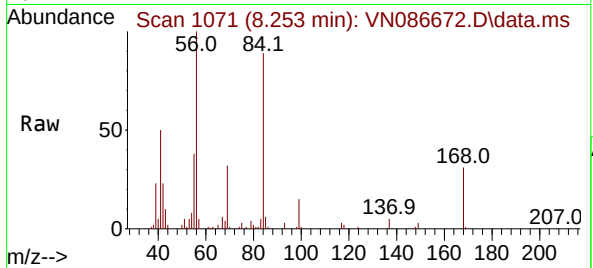
85 64.9 50.2 75.4





#31
Cyclohexane
Concen: 17.665 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

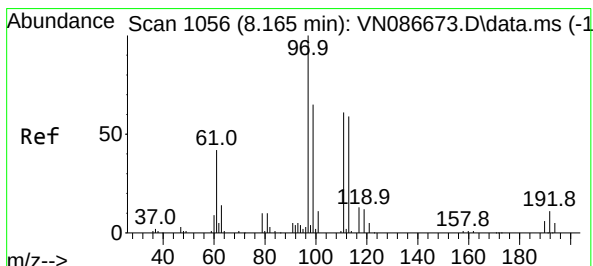
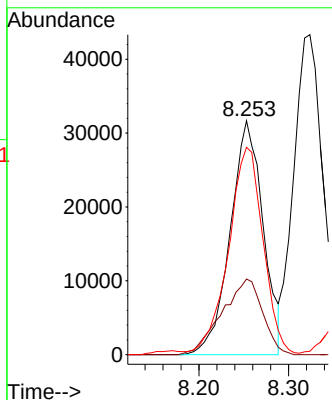
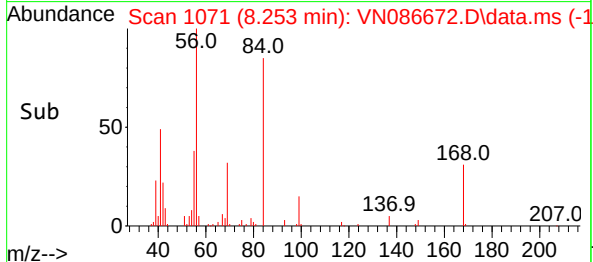
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 80800
Ion Ratio Lower Upper
56 100
69 32.4 25.0 37.6
84 87.3 71.0 106.4

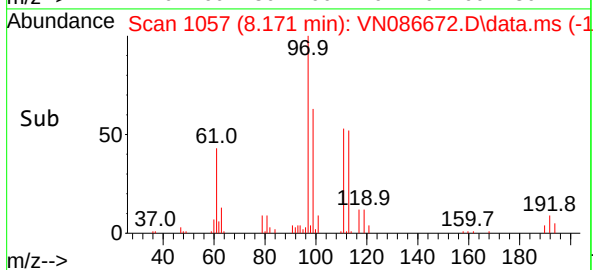
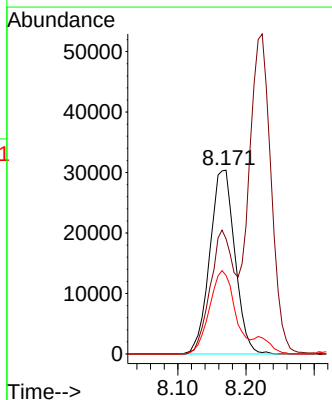
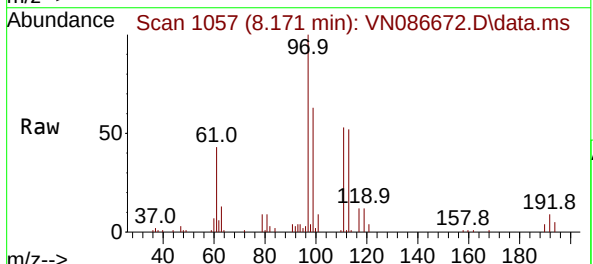
Manual Integrations
APPROVED

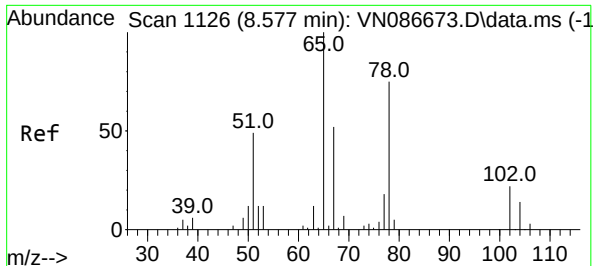
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#32
1,1,1-Trichloroethane
Concen: 19.565 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Tgt Ion: 97 Resp: 77893
Ion Ratio Lower Upper
97 100
99 64.1 52.6 79.0
61 46.2 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 19.085 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086672.D

Acq: 16 May 2025 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 54239

Ion Ratio Lower Upper

65 100

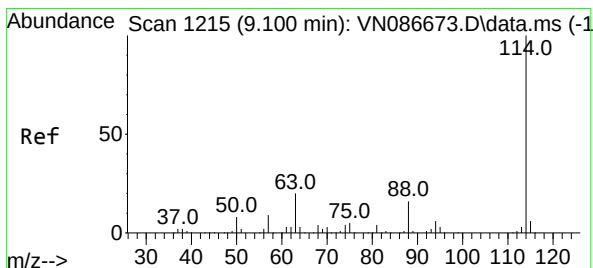
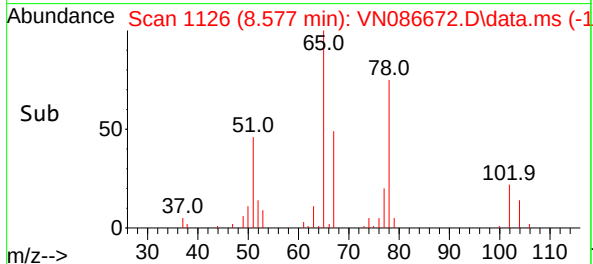
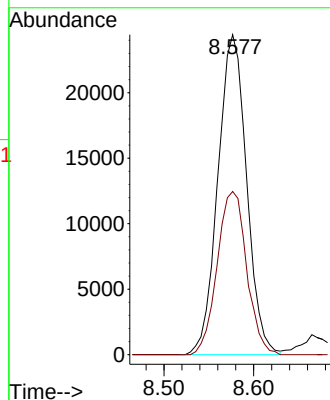
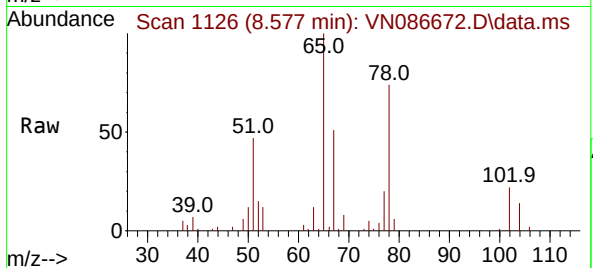
67 52.4 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086672.D

Acq: 16 May 2025 17:43

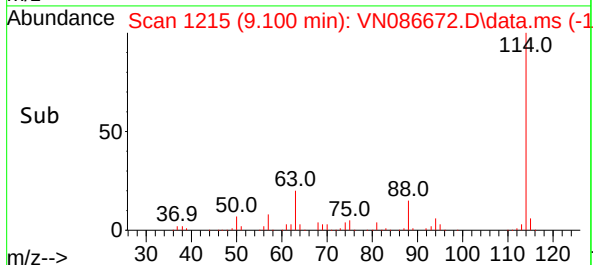
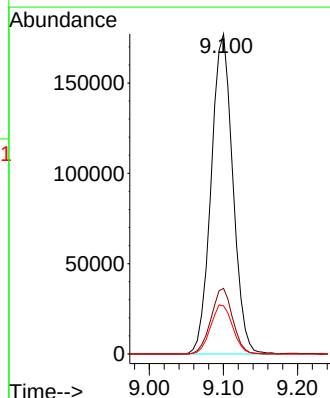
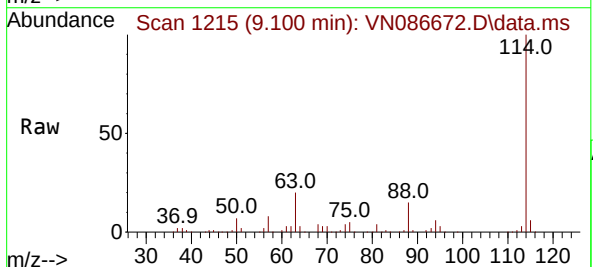
Tgt Ion:114 Resp: 359594

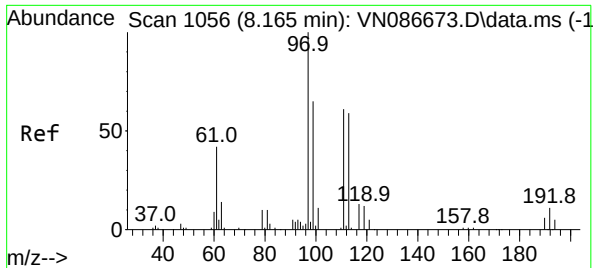
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

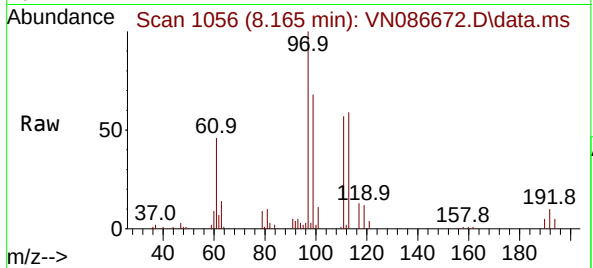
88 15.0 0.0 31.2





#35
Dibromofluoromethane
Concen: 23.360 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

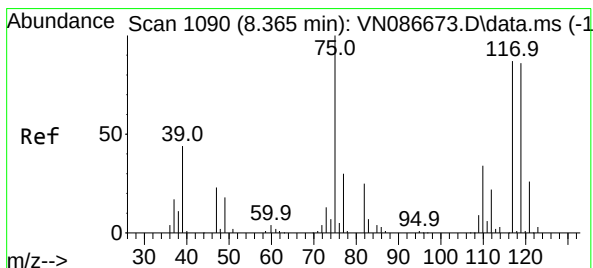
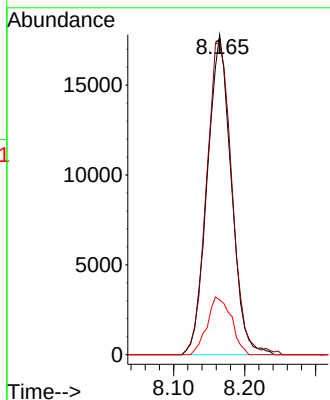
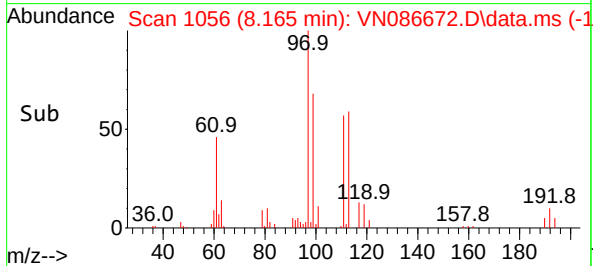
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



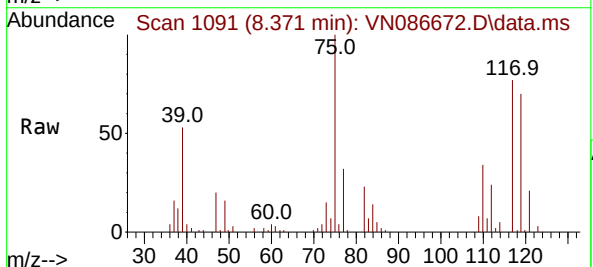
Tgt Ion: 113 Resp: 4180
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 18.2 13.8 20.8

Manual Integrations
APPROVED

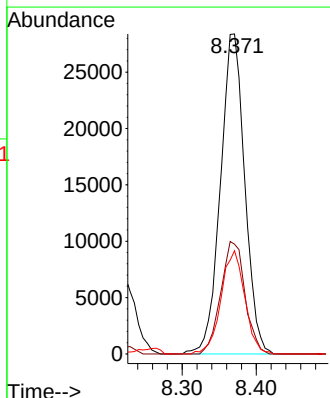
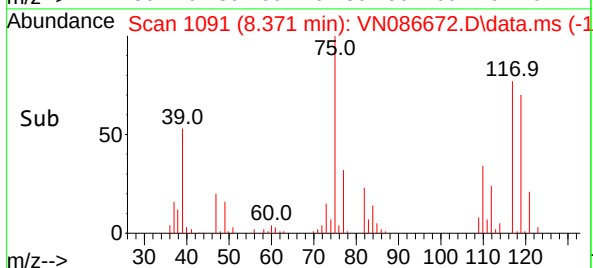
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

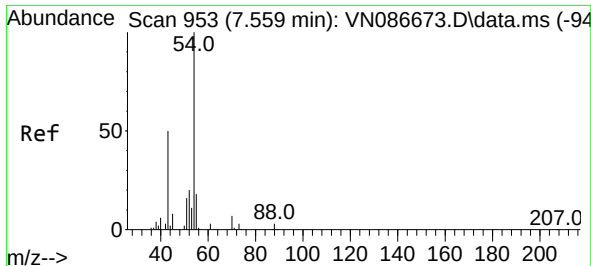


#36
1,1-Dichloropropene
Concen: 19.476 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43



Tgt Ion: 75 Resp: 64751
Ion Ratio Lower Upper
75 100
110 34.9 17.5 52.5
77 31.5 25.1 37.7





#37

Ethyl Acetate

Concen: 18.770 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086672.D

Acq: 16 May 2025 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 6563

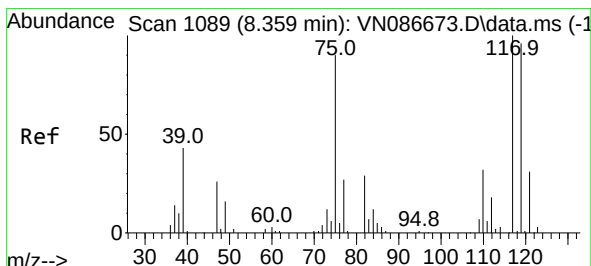
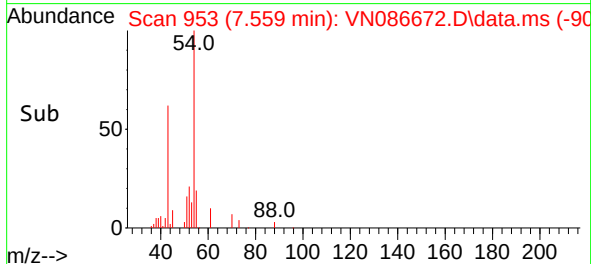
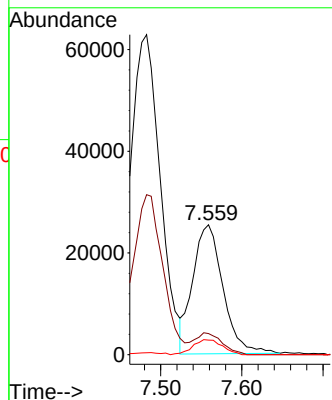
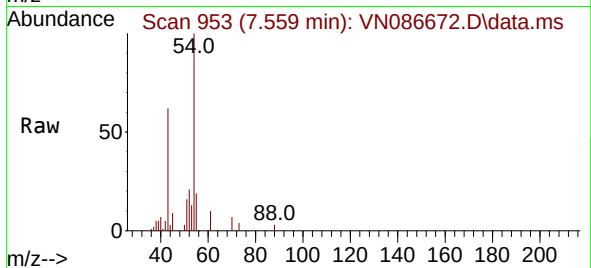
Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.6	17.4
70	11.3	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#38

Carbon Tetrachloride

Concen: 20.795 ug/l

RT: 8.359 min Scan# 1089

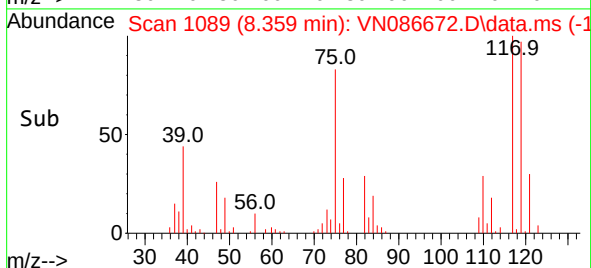
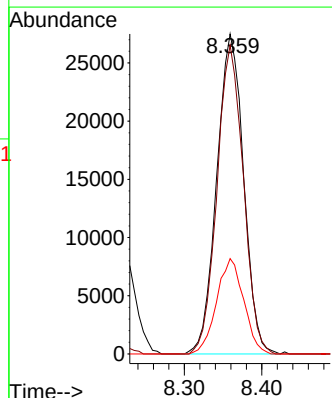
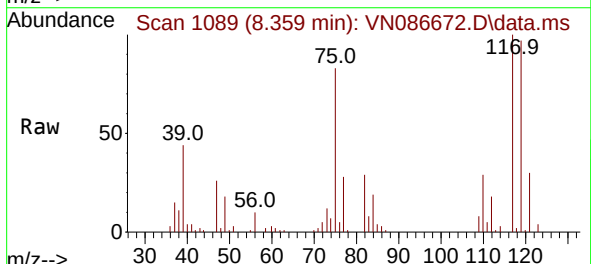
Delta R.T. -0.000 min

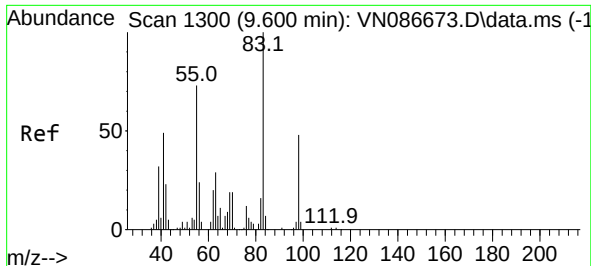
Lab File: VN086672.D

Acq: 16 May 2025 17:43

Tgt Ion: 117 Resp: 66190

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.0	115.6
121	29.8	25.0	37.6





#39

Methylcyclohexane

Concen: 18.227 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086672.D

Acq: 16 May 2025 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

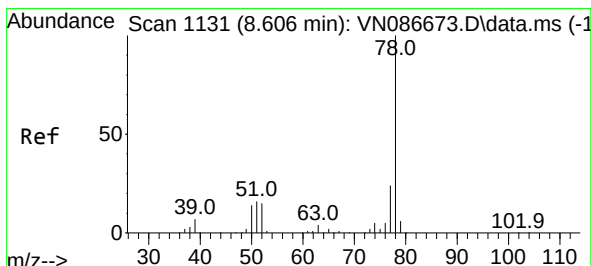
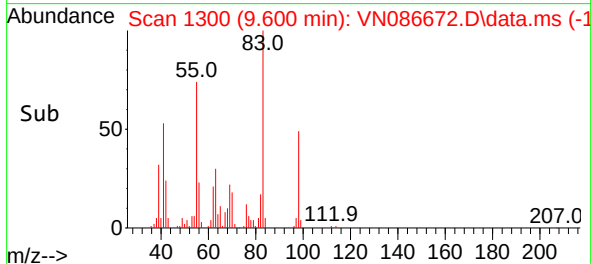
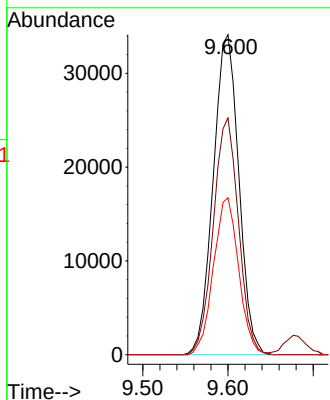
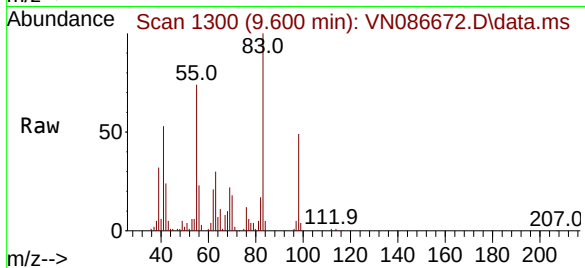
Tgt Ion:	83	Resp:	71304
Ion Ratio	Lower	Upper	
83	100		
55	74.0	58.2	87.4
98	49.0	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#40

Benzene

Concen: 20.002 ug/l

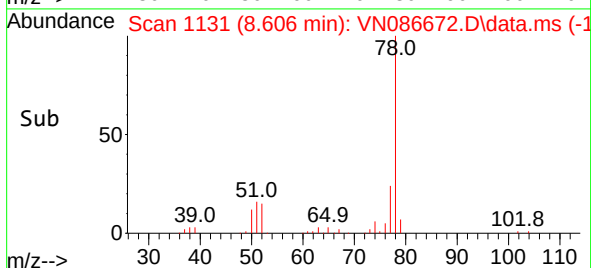
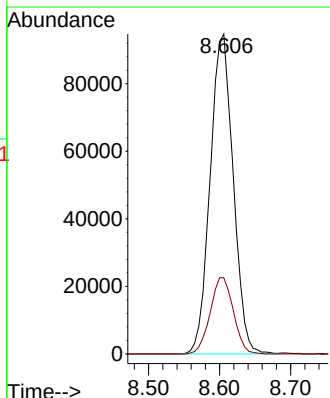
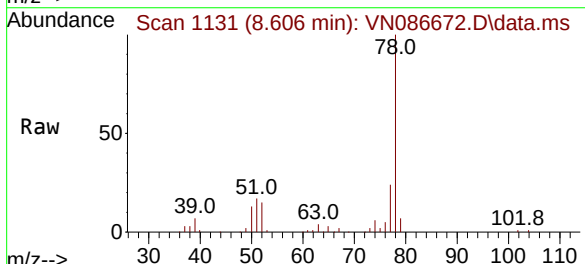
RT: 8.606 min Scan# 1131

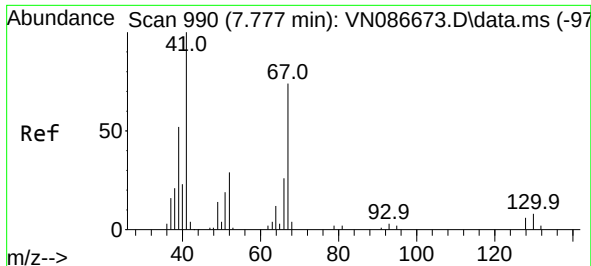
Delta R.T. -0.000 min

Lab File: VN086672.D

Acq: 16 May 2025 17:43

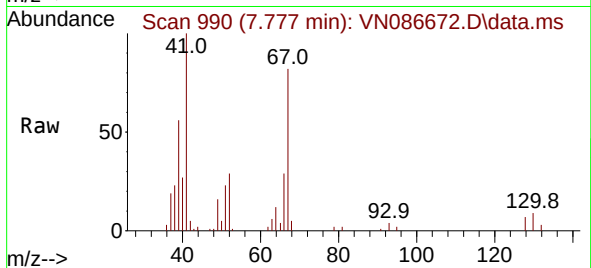
Tgt Ion:	78	Resp:	213460
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.1	28.7





#41
Methacrylonitrile
Concen: 17.809 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

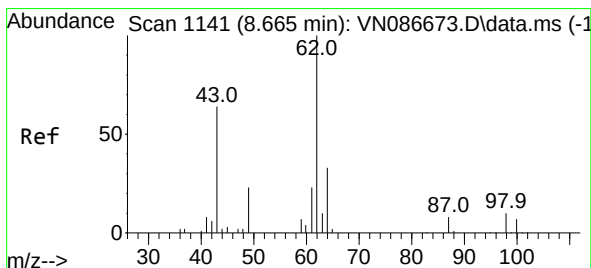
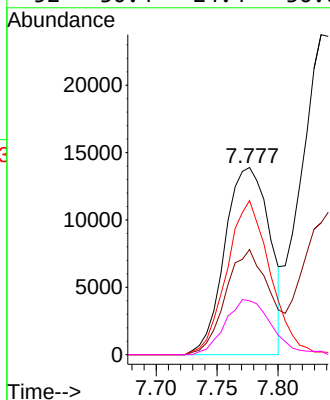
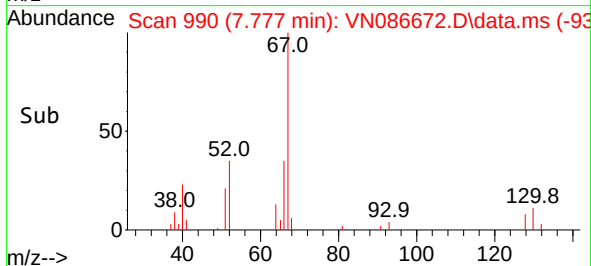
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 41	Resp: 35700
Ion Ratio	Lower Upper
41 100	
39 56.1	44.9 67.3
67 79.7	63.4 95.0
52 30.4	24.4 36.6

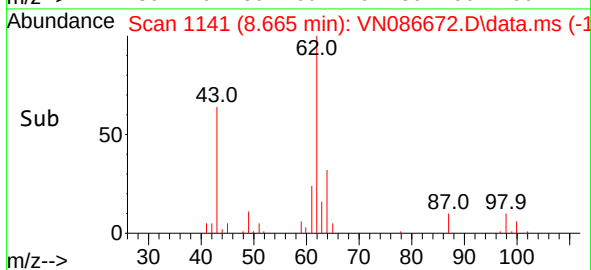
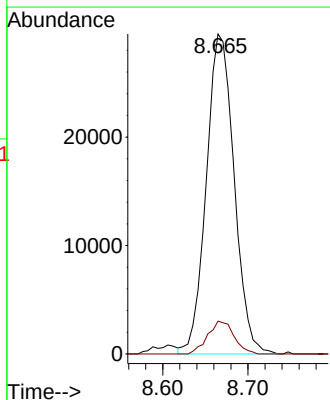
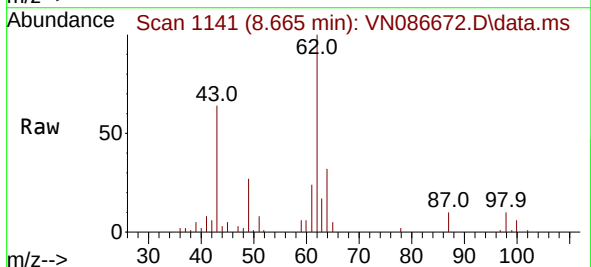
Manual Integrations
APPROVED

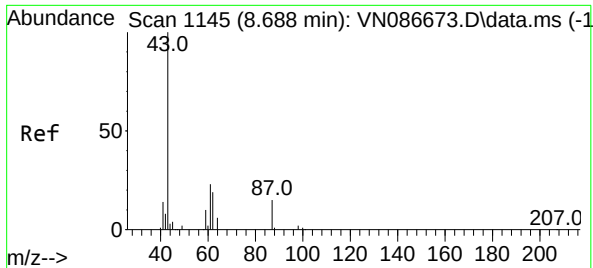
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#42
1,2-Dichloroethane
Concen: 19.757 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

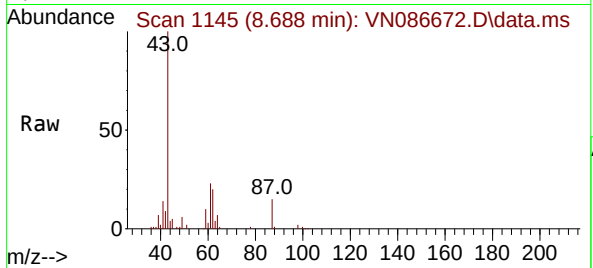
Tgt Ion: 62	Resp: 67134
Ion Ratio	Lower Upper
62 100	
98 9.7	0.0 19.2





#43
Isopropyl Acetate
Concen: 14.669 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

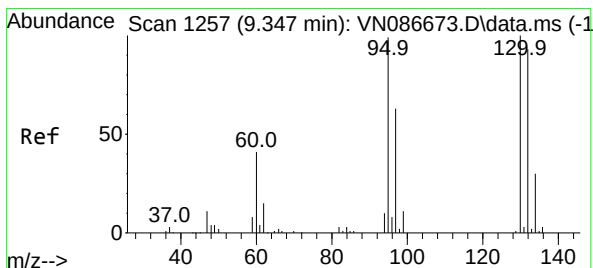
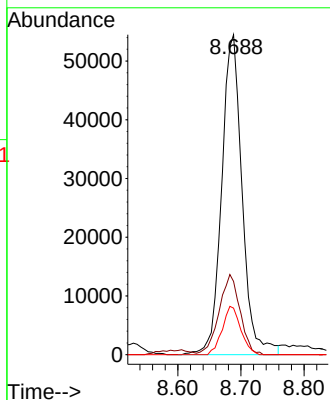
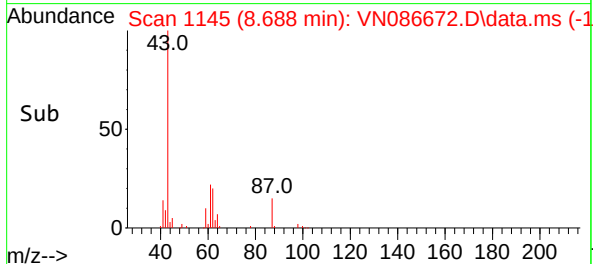
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 122489
Ion Ratio Lower Upper
43 100
61 25.7 21.4 32.2
87 13.6 11.1 16.7

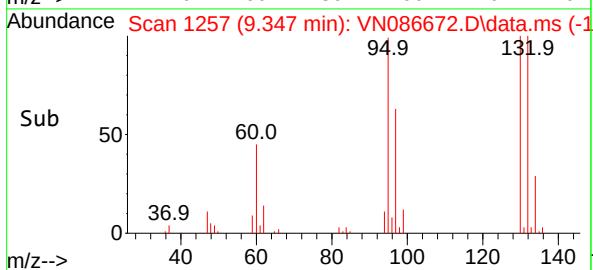
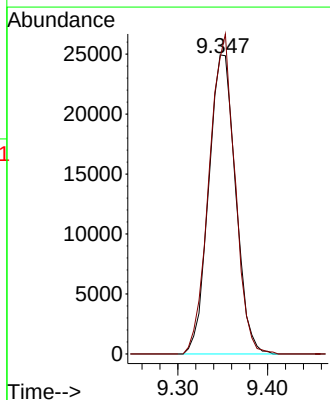
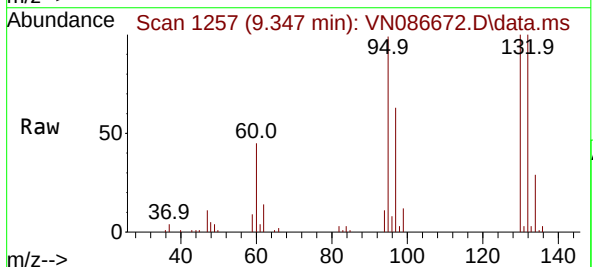
Manual Integrations
APPROVED

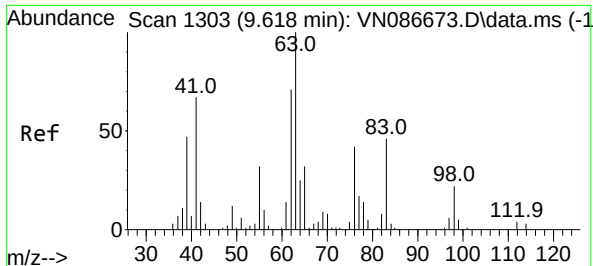
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#44
Trichloroethene
Concen: 20.468 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Tgt Ion:130 Resp: 51930
Ion Ratio Lower Upper
130 100
95 99.1 0.0 197.0





#45

1,2-Dichloropropane

Concen: 20.108 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086672.D

Acq: 16 May 2025 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 52240

Ion Ratio Lower Upper

63 100

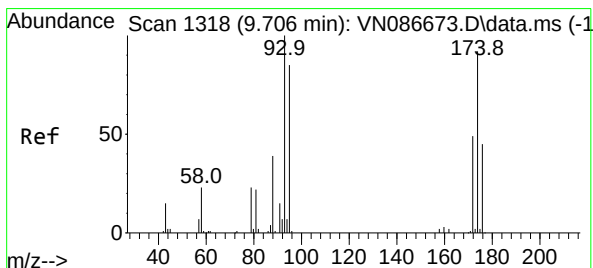
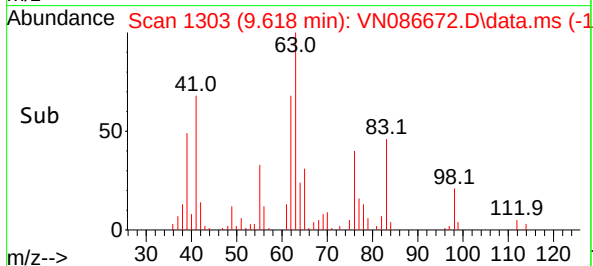
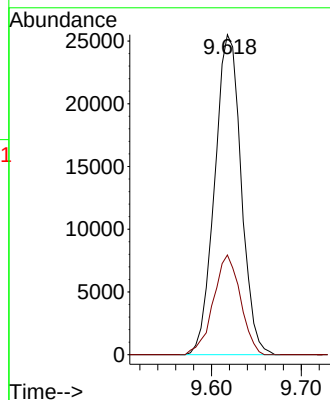
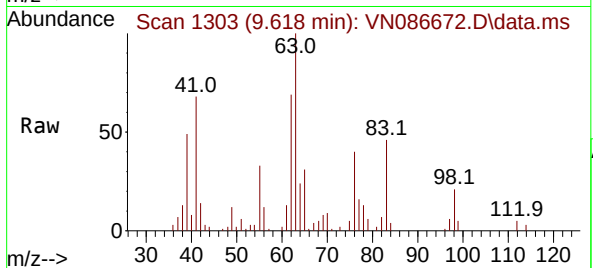
65 31.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#46

Dibromomethane

Concen: 21.150 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086672.D

Acq: 16 May 2025 17:43

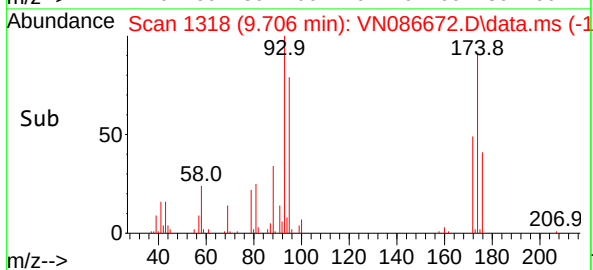
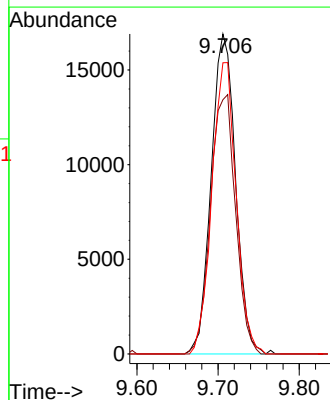
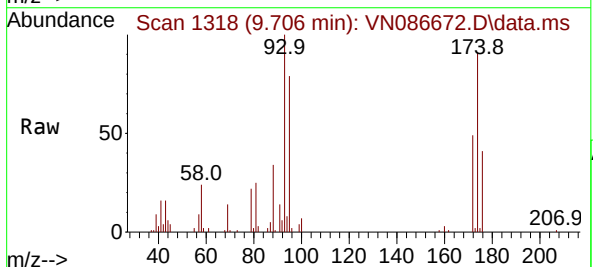
Tgt Ion: 93 Resp: 35245

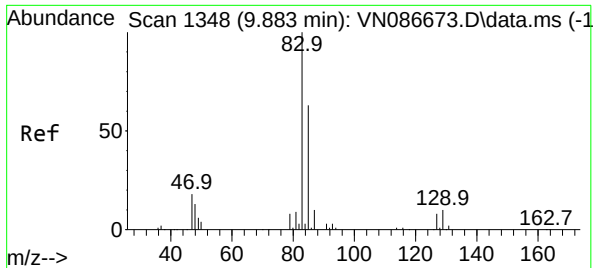
Ion Ratio Lower Upper

93 100

95 83.6 67.1 100.7

174 91.0 73.8 110.6





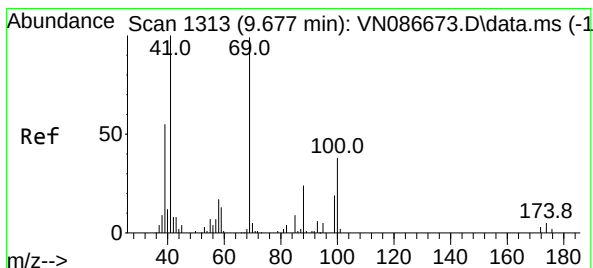
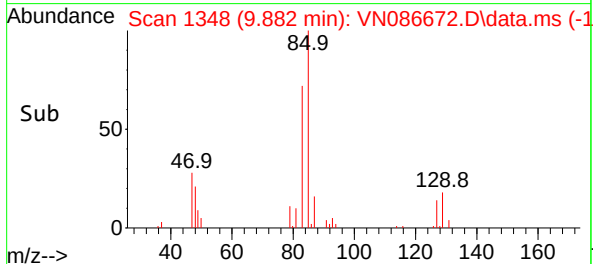
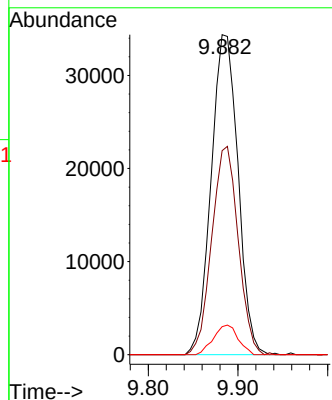
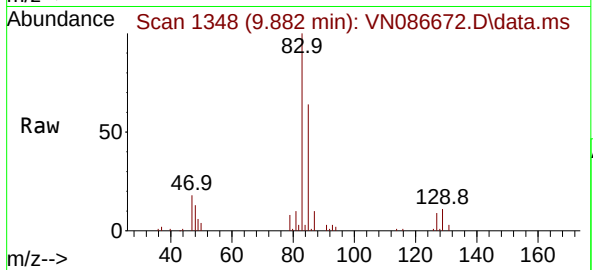
#47
Bromodichloromethane
Concen: 19.877 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 71409
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 8.7 6.2 9.4

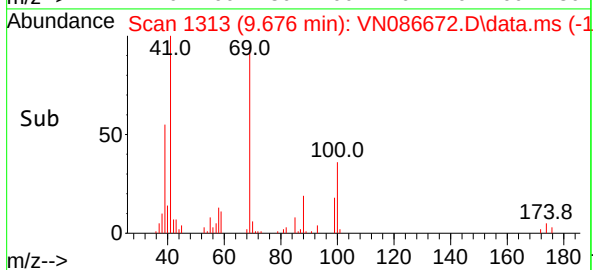
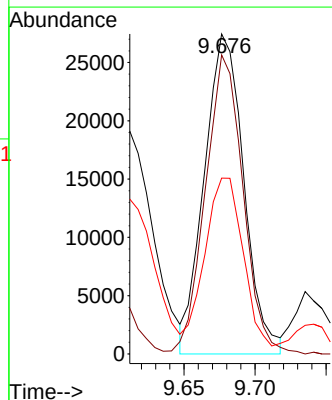
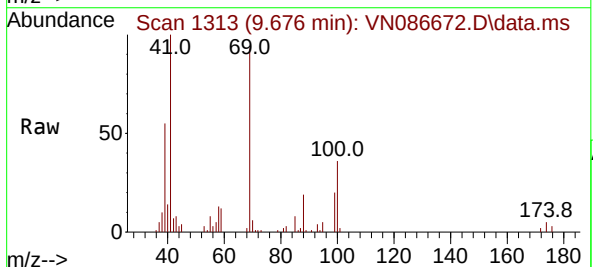
Manual Integrations
APPROVED

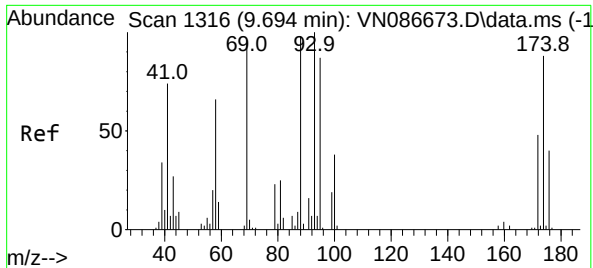
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#48
Methyl methacrylate
Concen: 17.506 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

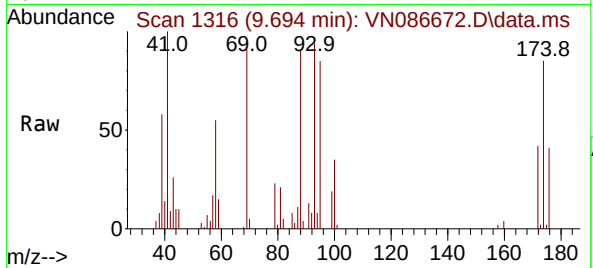
Tgt Ion: 41 Resp: 53023
Ion Ratio Lower Upper
41 100
69 89.4 74.1 111.1
39 54.9 44.1 66.1





#49
1,4-Dioxane
Concen: 401.824 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

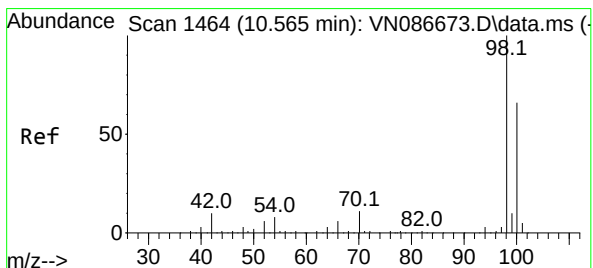
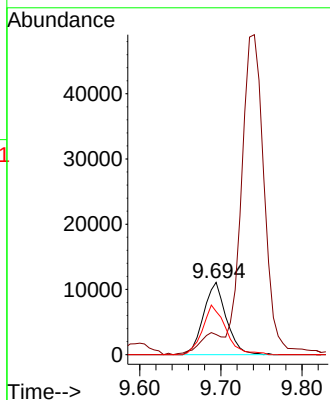
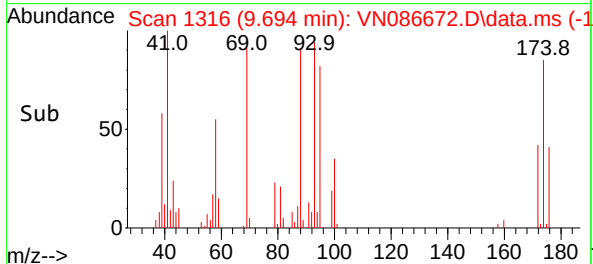
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 21528
Ion Ratio Lower Upper
88 100
43 28.5 23.6 35.4
58 70.6 55.3 82.9

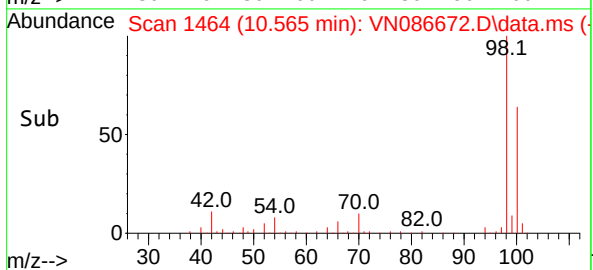
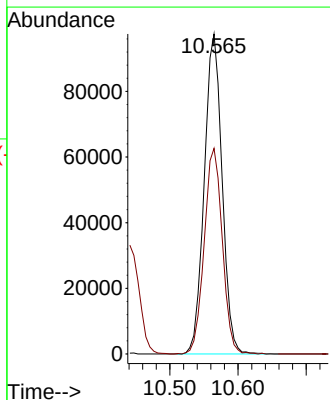
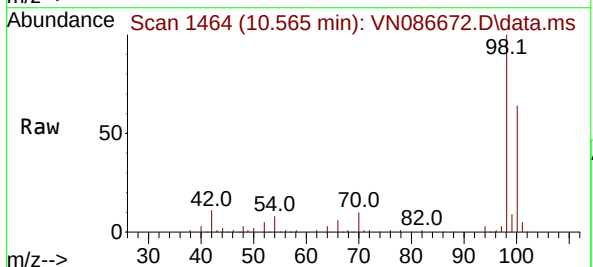
Manual Integrations
APPROVED

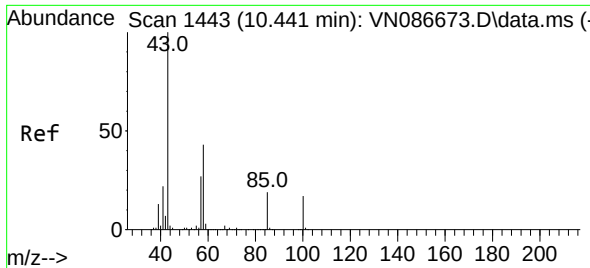
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#50
Toluene-d8
Concen: 19.879 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Tgt Ion: 98 Resp: 177303
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3





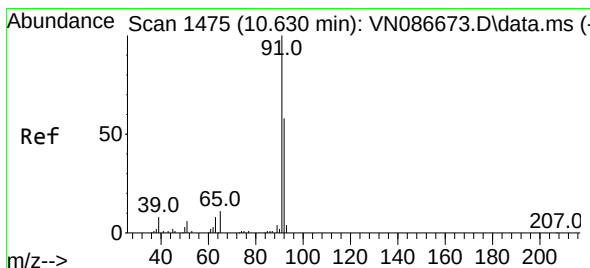
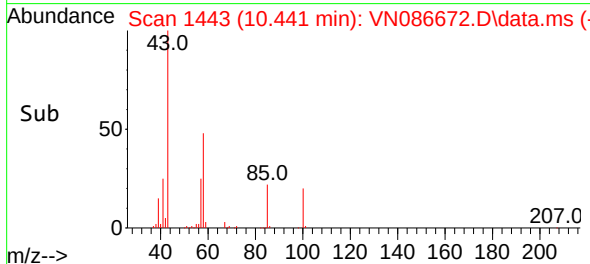
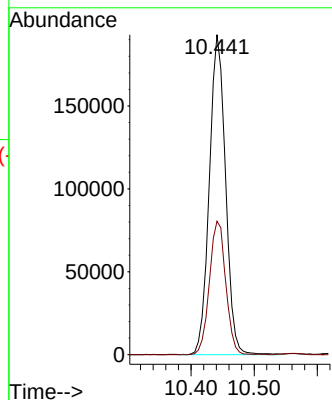
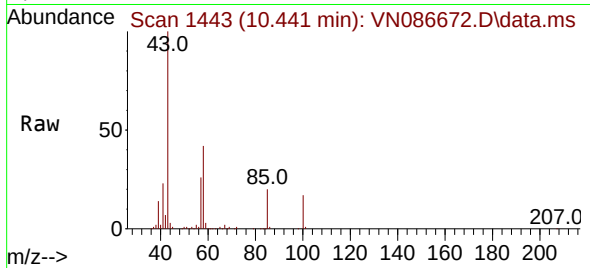
#51
4-Methyl-2-Pentanone
Concen: 96.661 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 343562
Ion Ratio Lower Upper
43 100
58 42.0 33.9 50.9

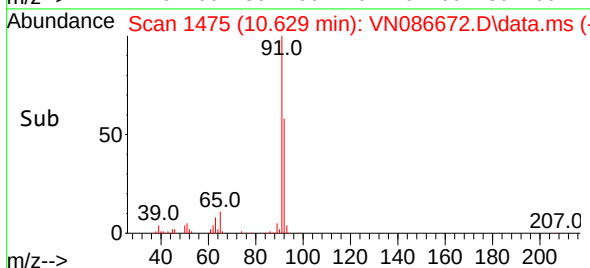
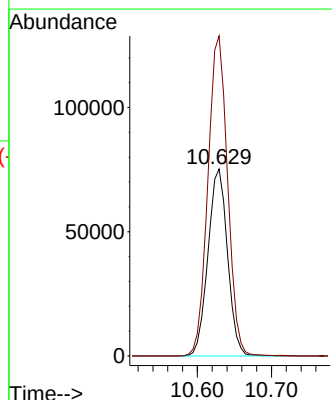
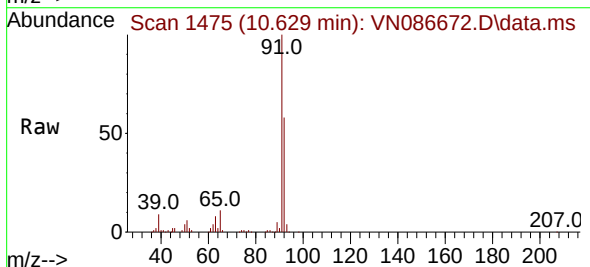
Manual Integrations
APPROVED

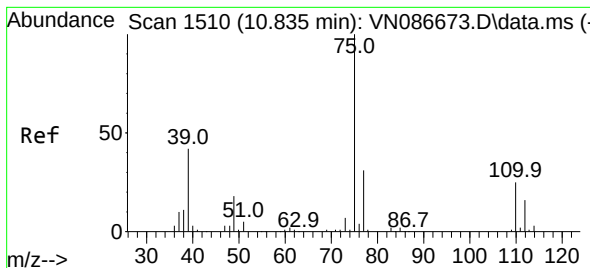
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#52
Toluene
Concen: 20.659 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

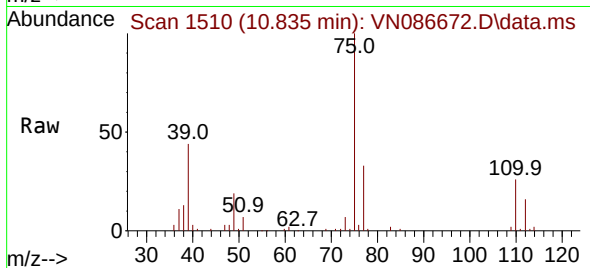
Tgt Ion: 92 Resp: 137539
Ion Ratio Lower Upper
92 100
91 172.9 137.8 206.8





#53
 t-1,3-Dichloropropene
 Concen: 19.291 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN086672.D
 Acq: 16 May 2025 17:43

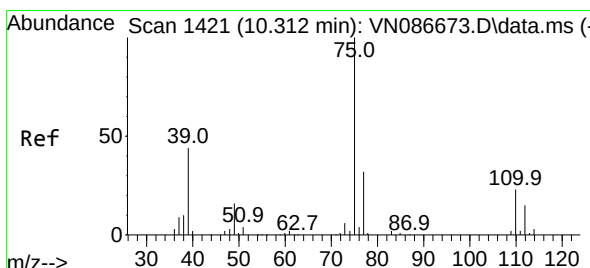
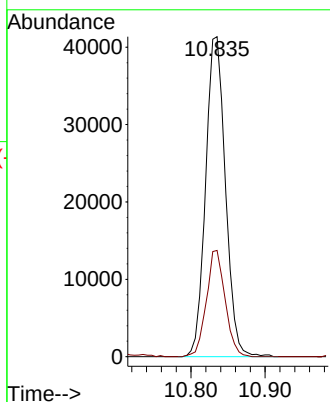
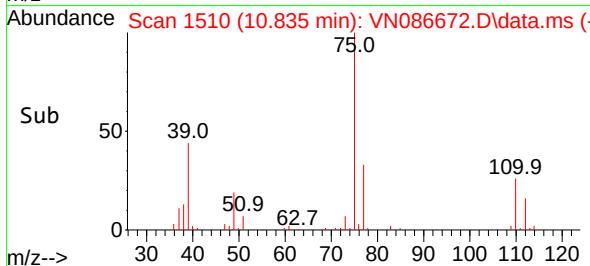
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 75 Resp: 7670
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.2 37.8

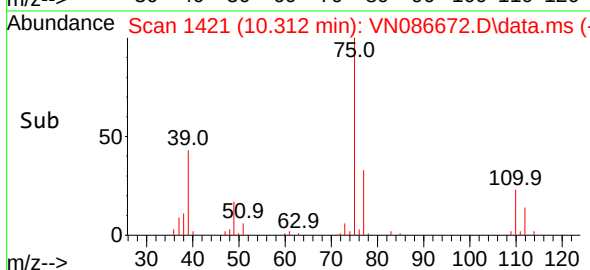
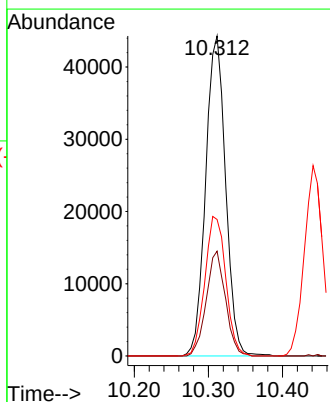
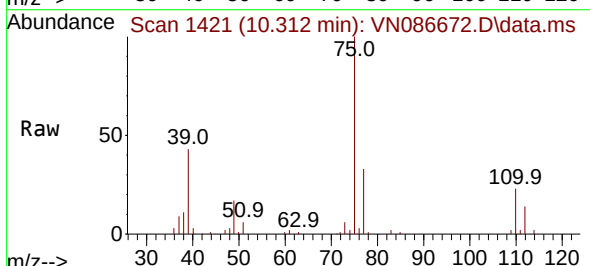
Manual Integrations
 APPROVED

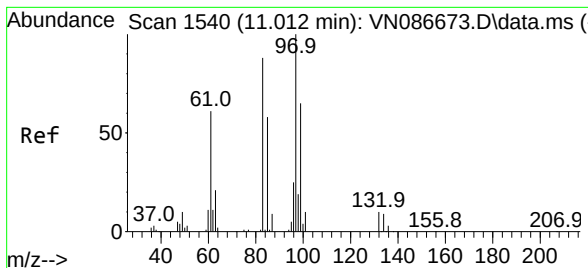
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#54
 cis-1,3-Dichloropropene
 Concen: 18.925 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086672.D
 Acq: 16 May 2025 17:43

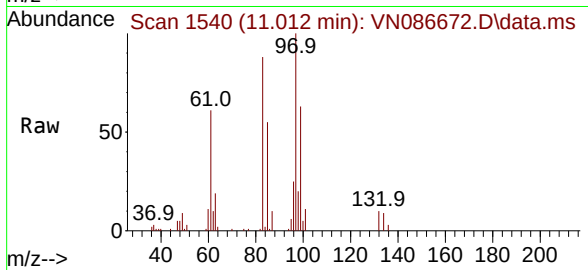
Tgt Ion: 75 Resp: 82783
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.3 37.9
 39 42.7 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 20.709 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

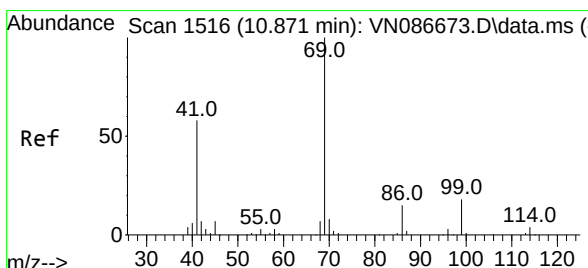
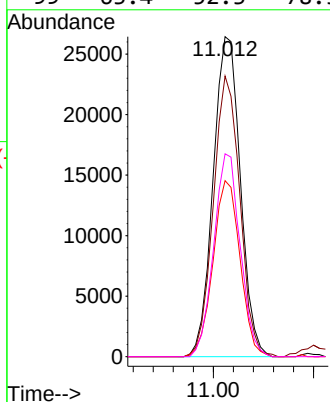
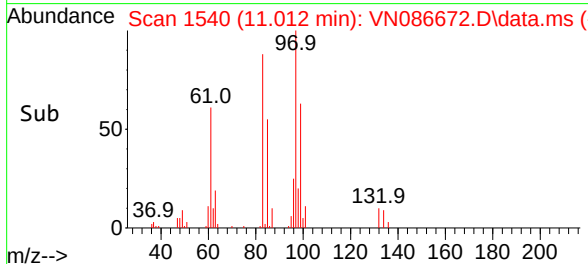
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



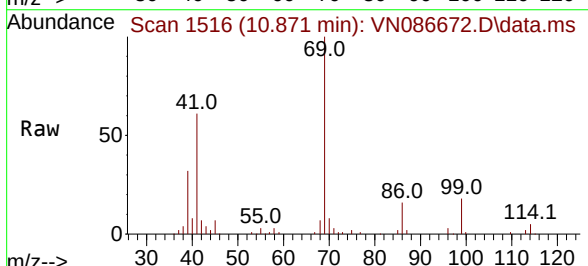
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.4	105.6
85	55.0	46.1	69.1
99	63.4	52.3	78.5

Manual Integrations
APPROVED

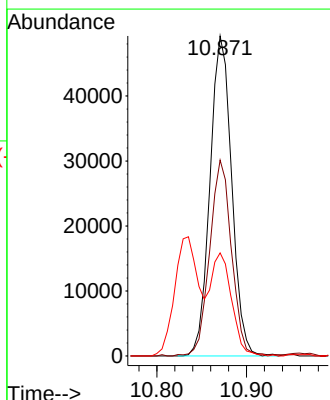
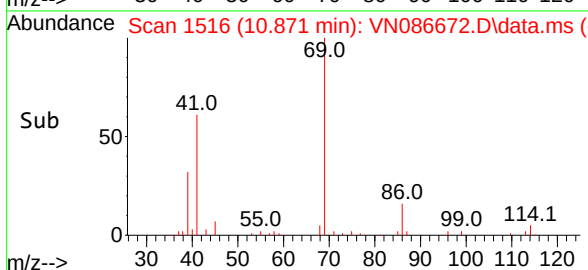
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

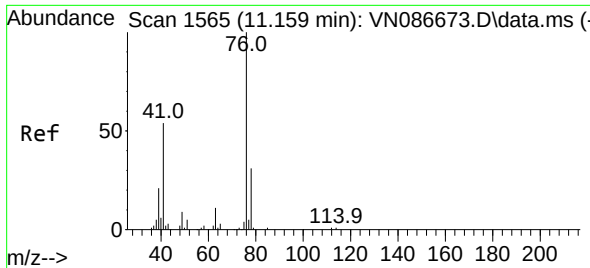


#56
Ethyl methacrylate
Concen: 18.880 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43



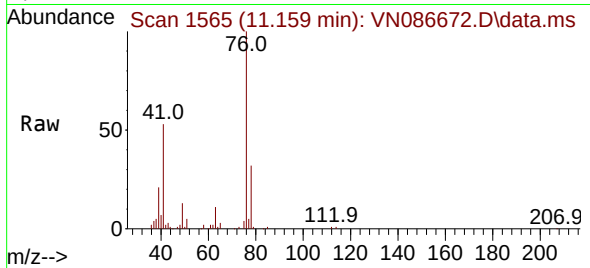
Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.4	47.4	71.0
39	31.3	24.0	36.0





#57
1,3-Dichloropropane
Concen: 20.572 ug/l
RT: 11.159 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

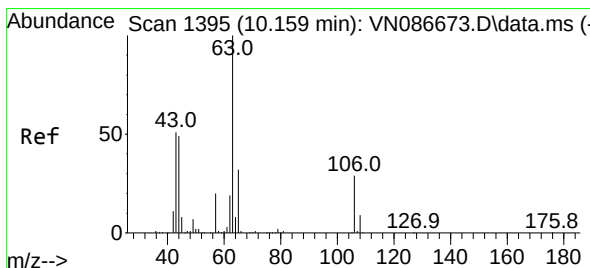
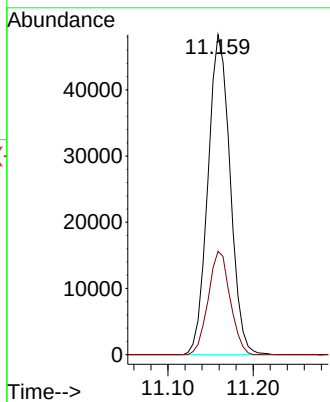
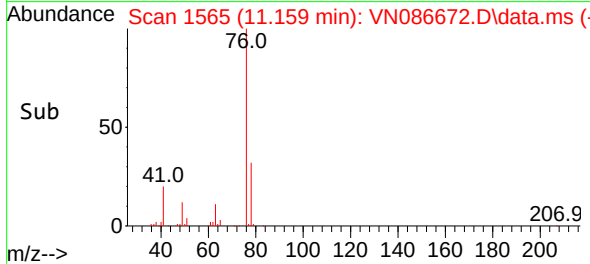
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 87454
Ion Ratio Lower Upper
76 100
78 31.8 25.8 38.8

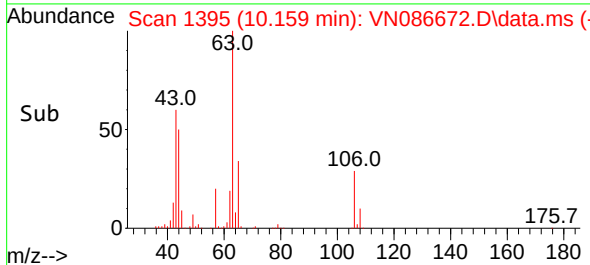
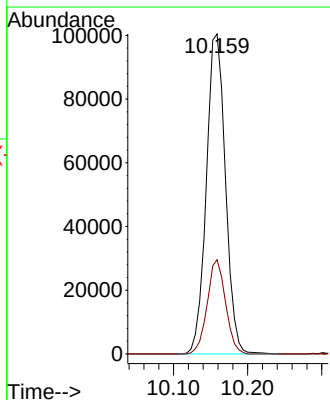
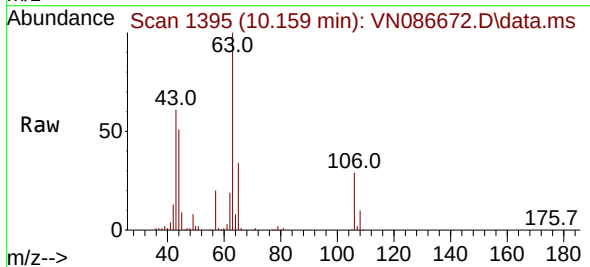
Manual Integrations
APPROVED

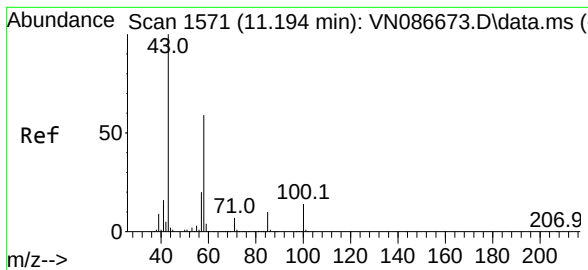
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 87.281 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

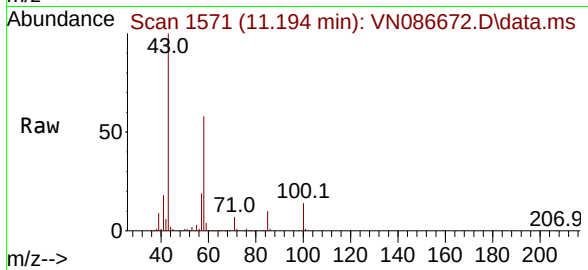
Tgt Ion: 63 Resp: 179575
Ion Ratio Lower Upper
63 100
106 28.3 23.1 34.7





#59
2-Hexanone
Concen: 97.403 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

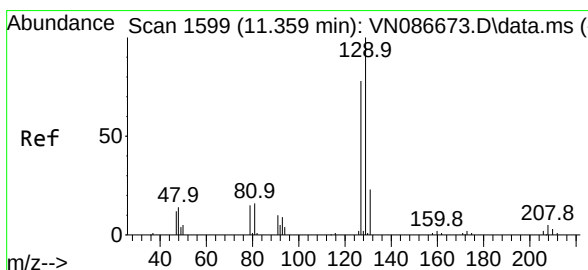
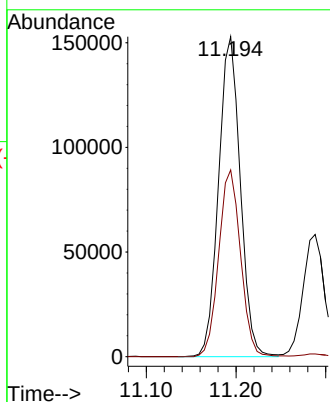
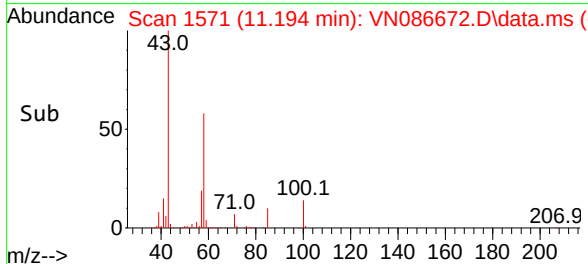
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 25701
Ion Ratio Lower Upper
43 100
58 58.6 29.8 89.5

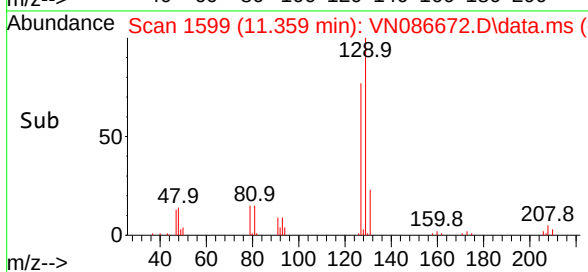
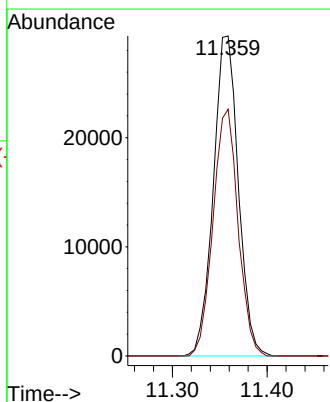
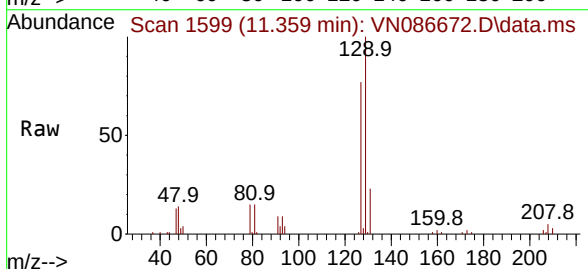
Manual Integrations
APPROVED

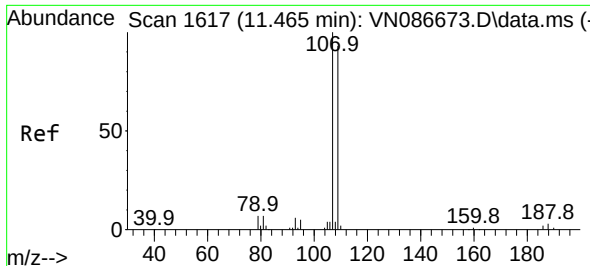
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#60
Dibromochloromethane
Concen: 20.466 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

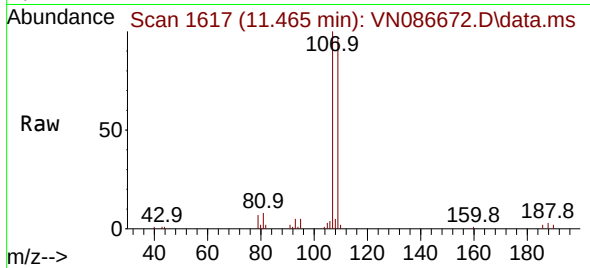
Tgt Ion:129 Resp: 53776
Ion Ratio Lower Upper
129 100
127 77.0 39.5 118.3





#61
1,2-Dibromoethane
Concen: 20.921 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

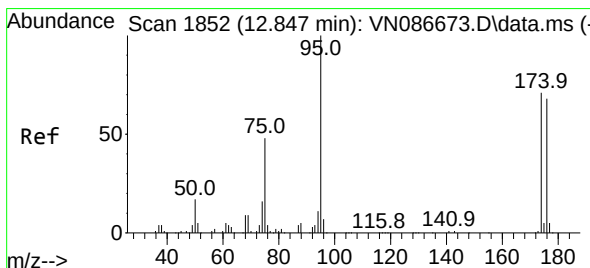
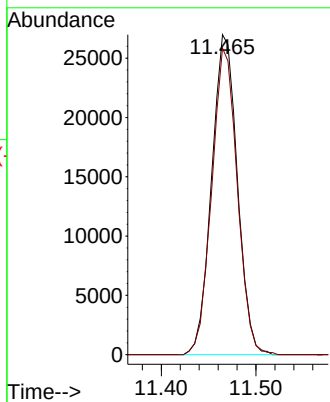
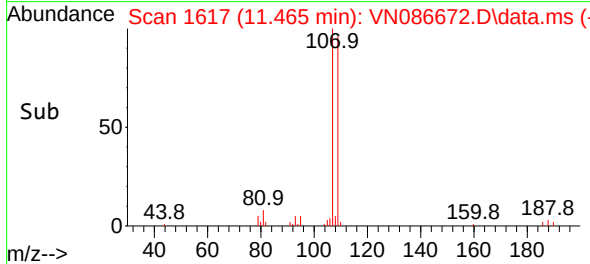
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:107 Resp: 50840
Ion Ratio Lower Upper
107 100
109 95.3 75.0 112.4

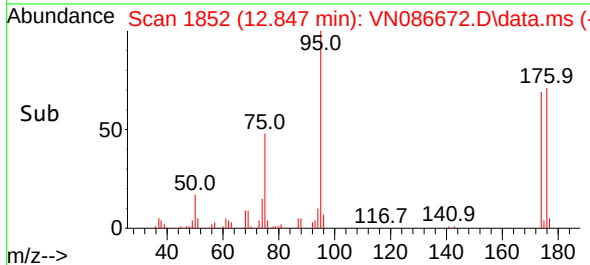
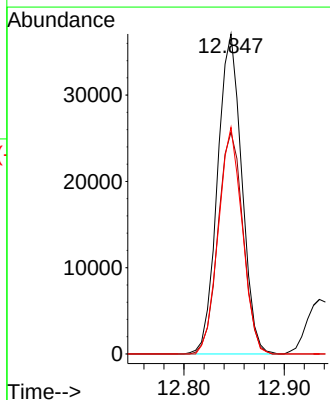
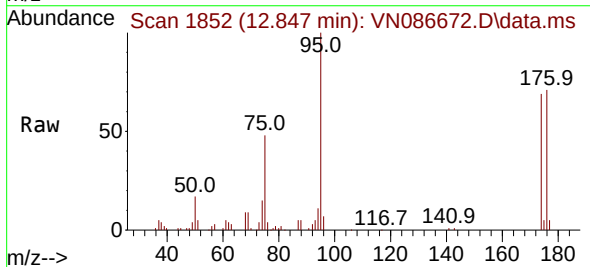
Manual Integrations
APPROVED

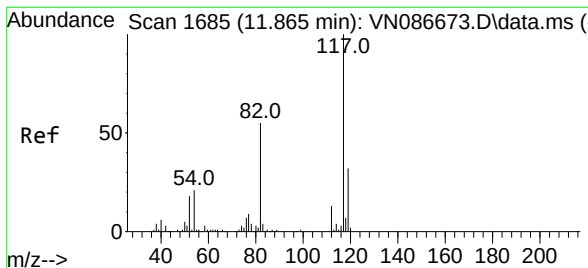
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#62
4-Bromofluorobenzene
Concen: 19.235 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

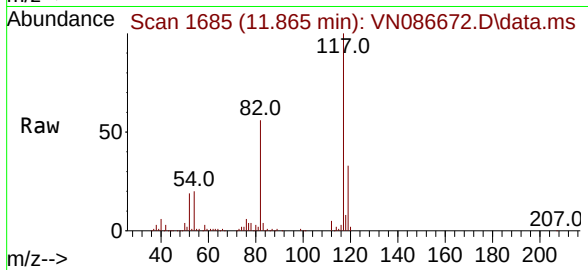
Tgt Ion: 95 Resp: 62323
Ion Ratio Lower Upper
95 100
174 71.1 0.0 145.4
176 69.7 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1185
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

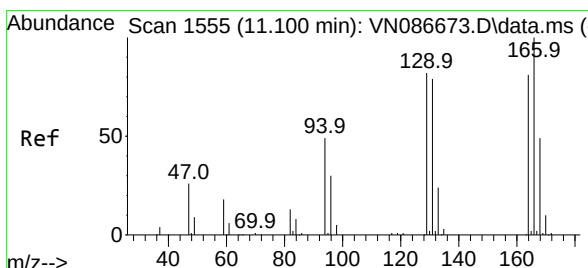
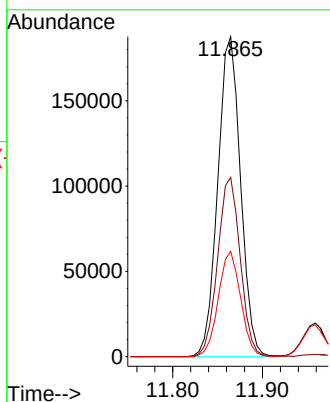
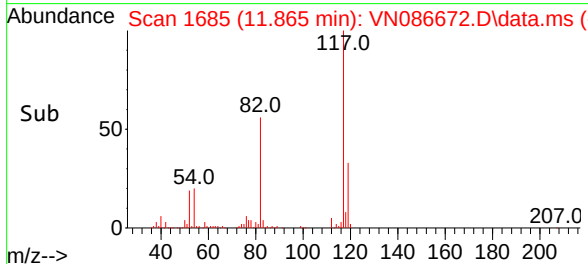
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



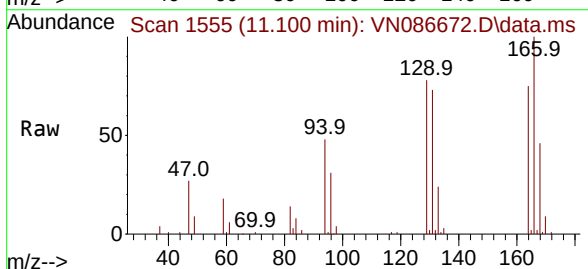
Tgt Ion:117 Resp: 33052
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 33.0 25.4 38.2

Manual Integrations
APPROVED

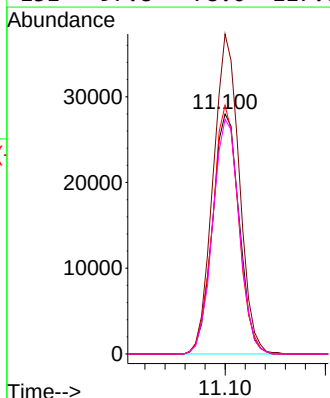
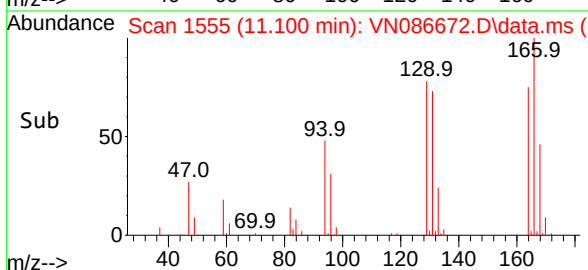
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

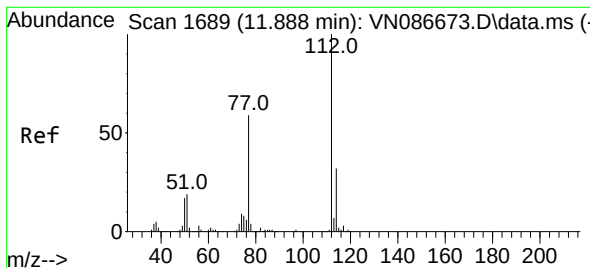


#64
Tetrachloroethene
Concen: 20.381 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43



Tgt Ion:164 Resp: 51785
Ion Ratio Lower Upper
164 100
166 133.3 98.2 147.4
129 103.6 81.0 121.4
131 97.8 78.0 117.0





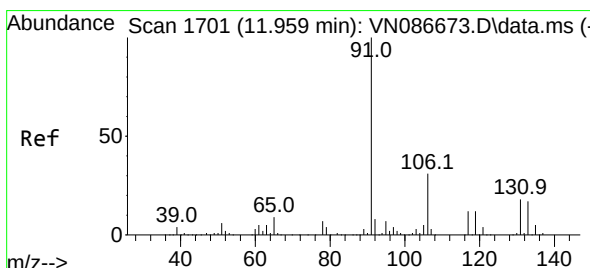
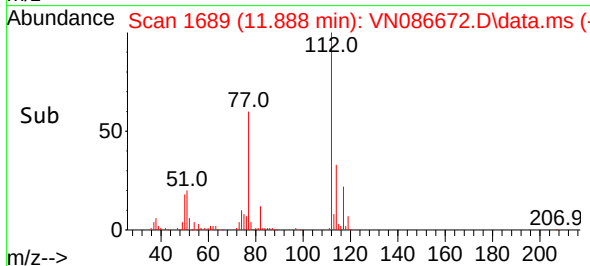
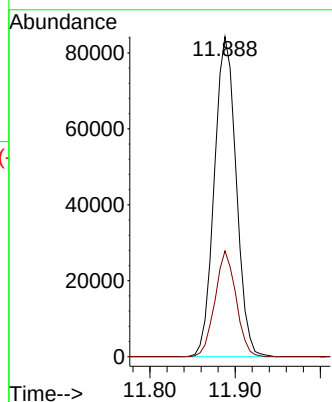
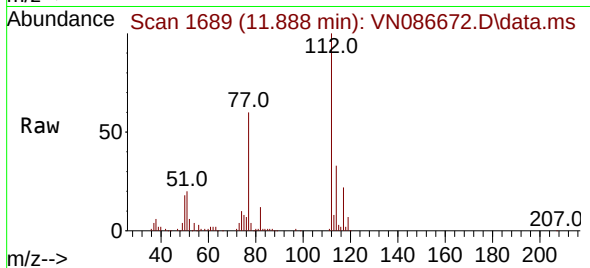
#65
Chlorobenzene
Concen: 20.366 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 150439
Ion Ratio Lower Upper
112 100
114 33.0 25.9 38.9

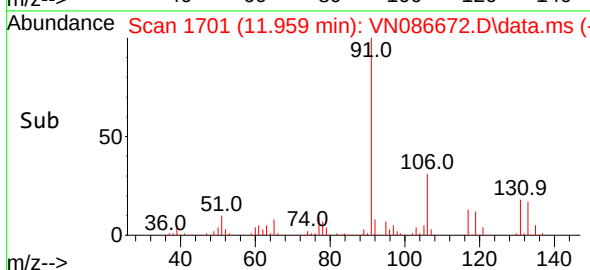
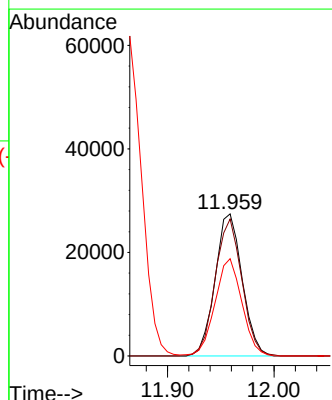
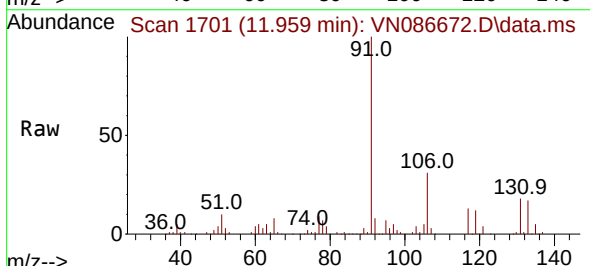
Manual Integrations
APPROVED

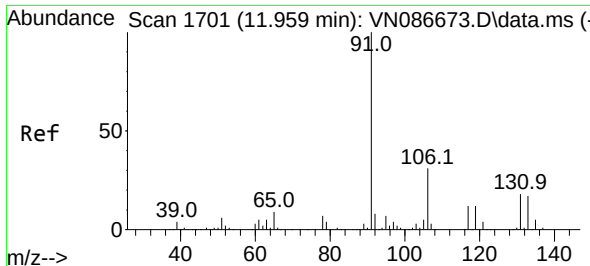
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.851 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Tgt Ion:131 Resp: 48349
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.7
119 68.1 33.6 100.8





#67
Ethyl Benzene
Concen: 19.673 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Instrument :

MSVOA_N

ClientSampleId :

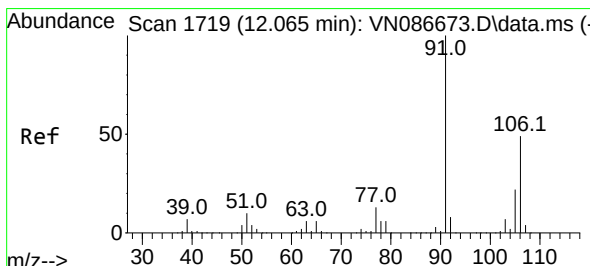
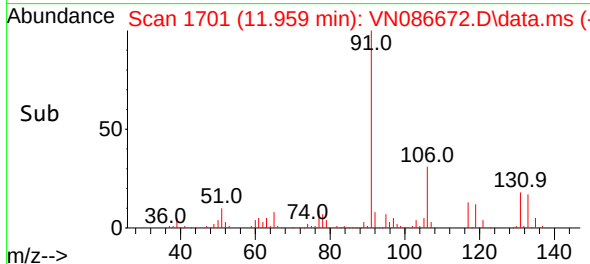
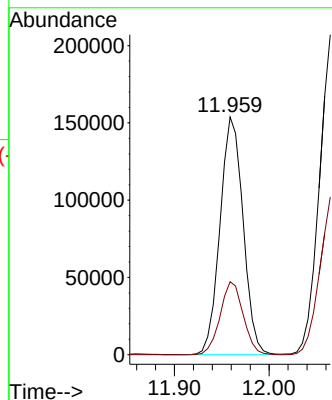
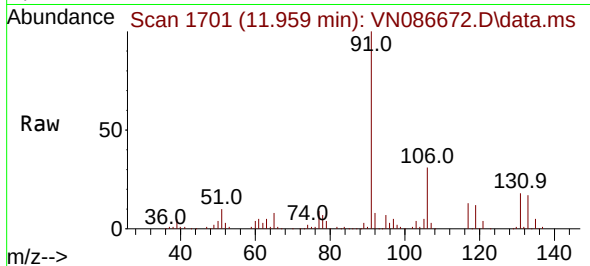
VSTDICC020

Tgt Ion: 91 Resp: 26072
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

Manual Integrations

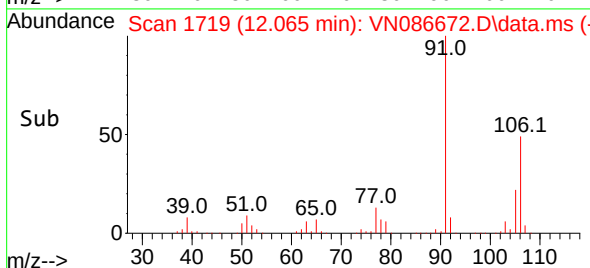
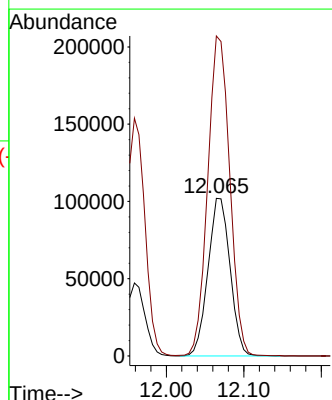
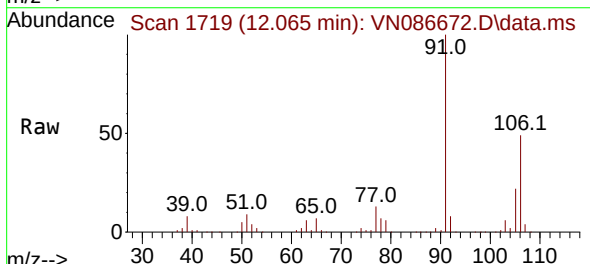
APPROVED

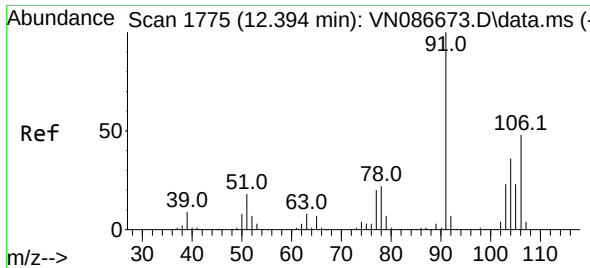
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#68
m/p-Xylenes
Concen: 40.507 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Tgt Ion:106 Resp: 201601
Ion Ratio Lower Upper
106 100
91 203.3 162.4 243.6





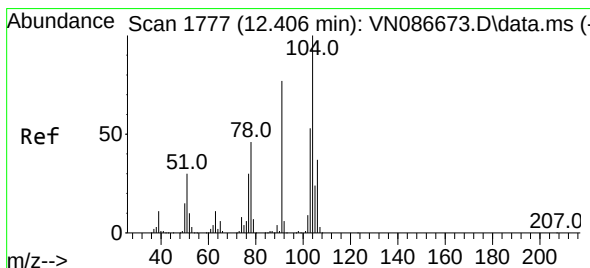
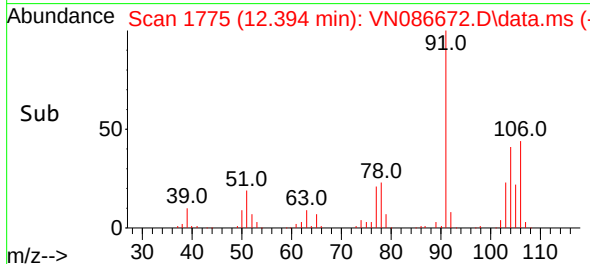
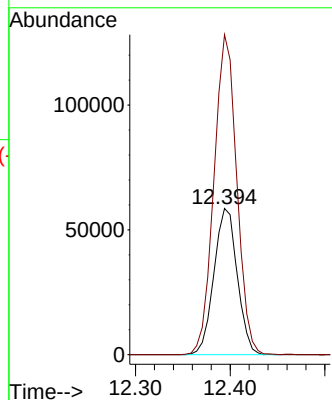
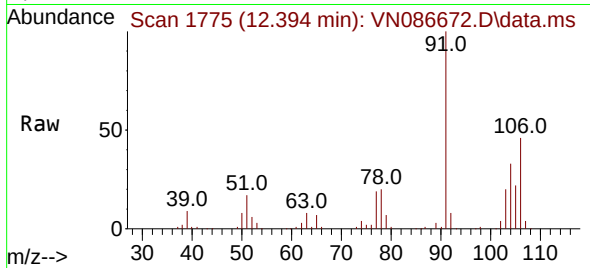
#69
o-Xylene
Concen: 20.298 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 10030
Ion Ratio Lower Upper
106 100
91 214.1 105.1 315.1

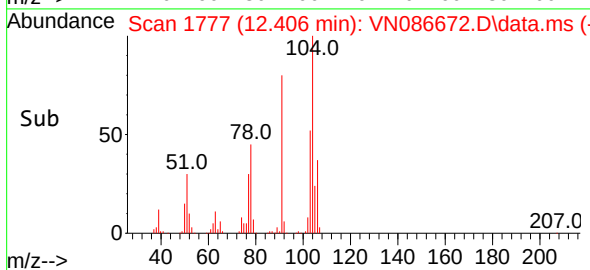
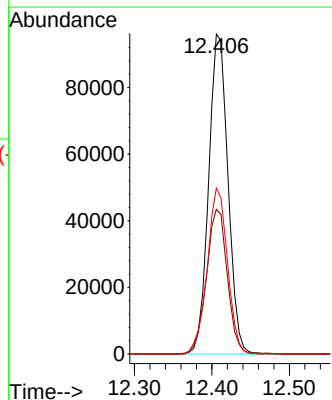
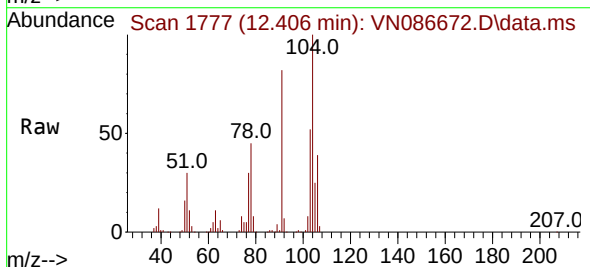
Manual Integrations
APPROVED

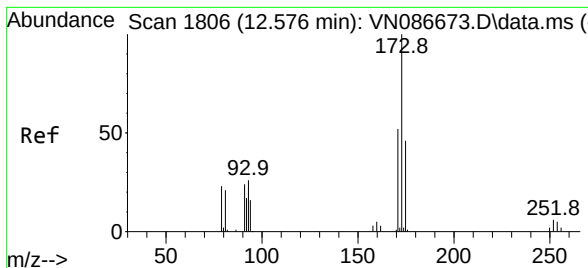
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#70
Styrene
Concen: 20.301 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Tgt Ion:104 Resp: 166436
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.6
103 54.0 43.8 65.8





#71

Bromoform

Concen: 19.141 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN086672.D

Acq: 16 May 2025 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

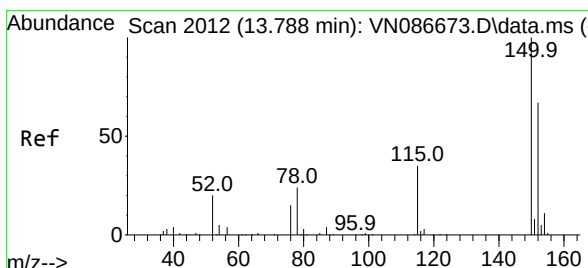
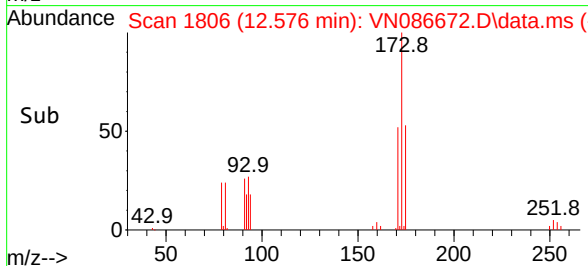
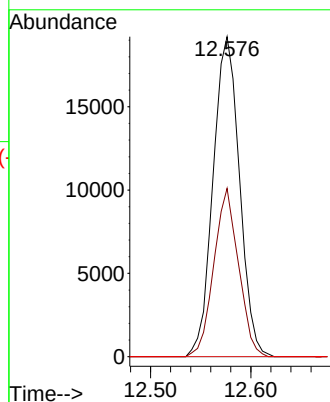
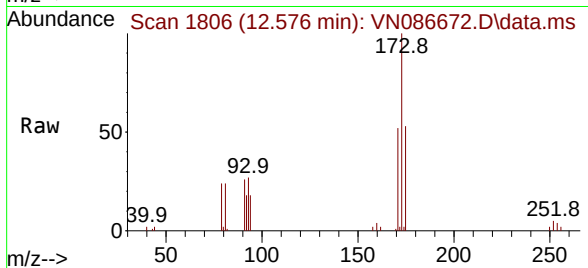
Tgt Ion:173	Resp:	3506
Ion Ratio	Lower	Upper
173	100	
175	49.1	23.4 70.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

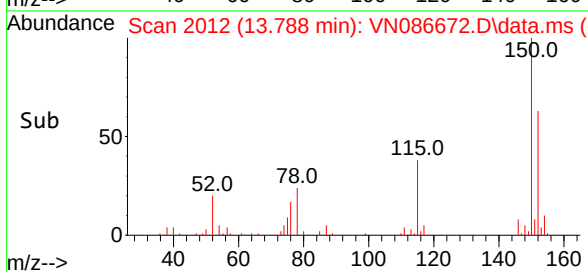
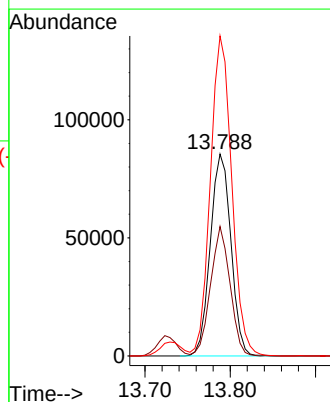
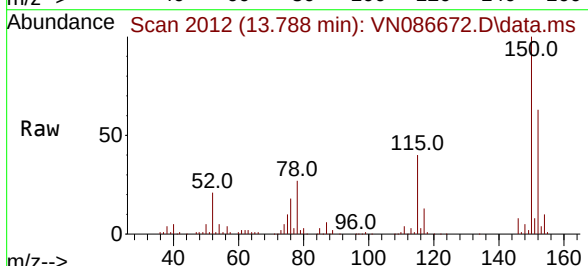
RT: 13.788 min Scan# 2012

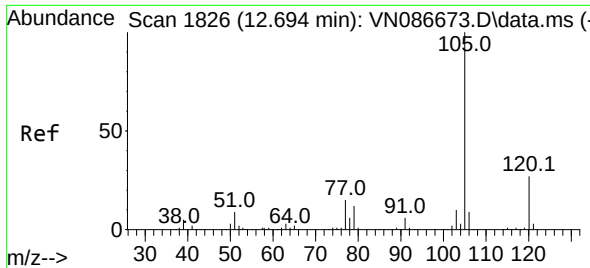
Delta R.T. -0.000 min

Lab File: VN086672.D

Acq: 16 May 2025 17:43

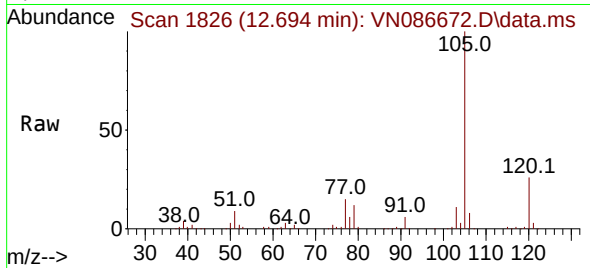
Tgt Ion:152	Resp:	143784
Ion Ratio	Lower	Upper
152	100	
115	60.4	30.0 90.1
150	164.2	0.0 347.8





#73
Isopropylbenzene
Concen: 20.455 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

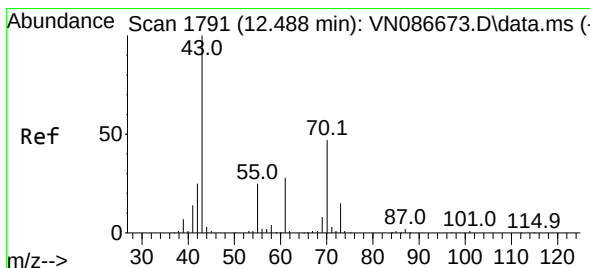
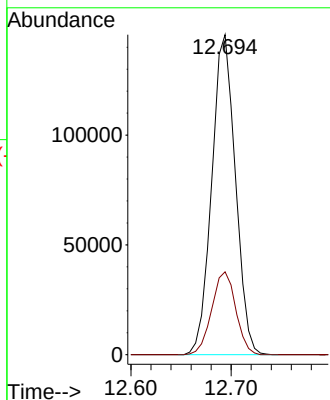
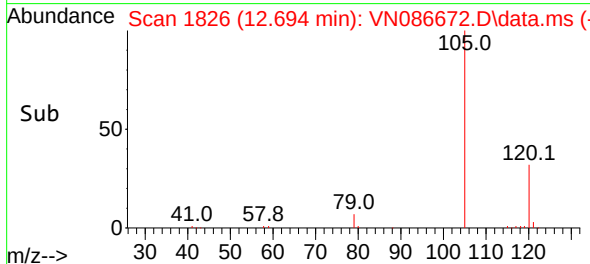
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



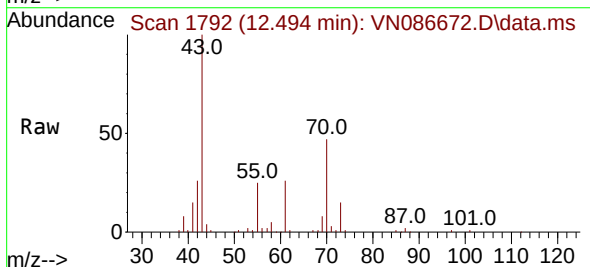
Tgt Ion:105 Resp: 23875
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1

Manual Integrations
APPROVED

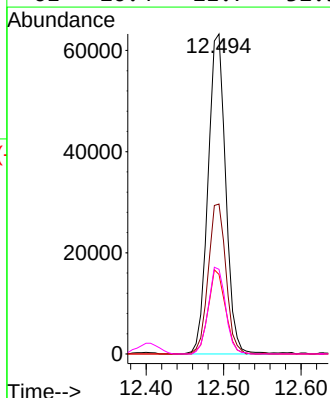
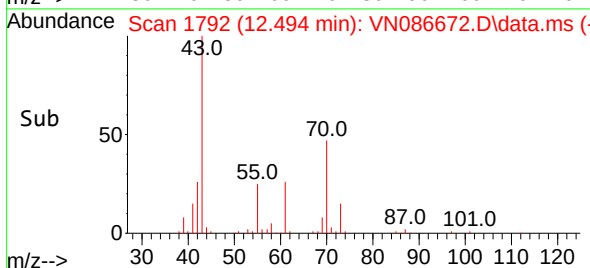
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

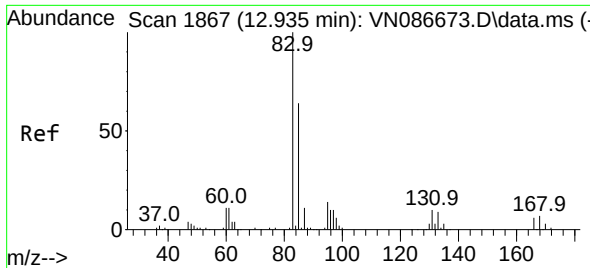


#74
N-ethyl acetate
Concen: 17.465 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43



Tgt Ion: 43 Resp: 100018
Ion Ratio Lower Upper
43 100
70 47.1 37.9 56.9
55 25.7 20.5 30.7
61 26.4 21.7 32.5





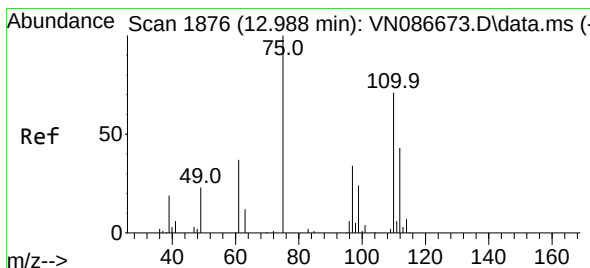
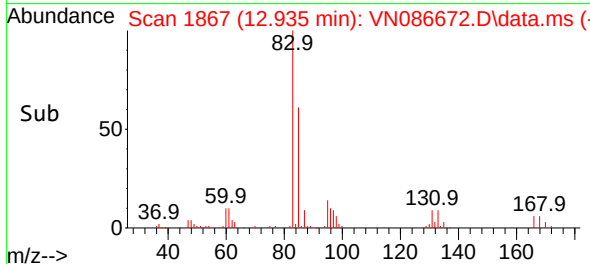
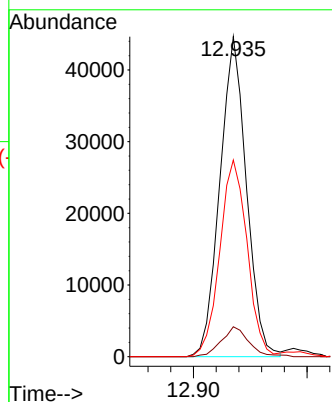
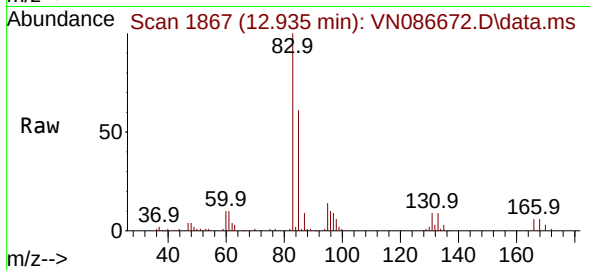
#75
1,1,2,2-Tetrachloroethane
Concen: 21.374 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 72469
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 63.5 32.4 97.2

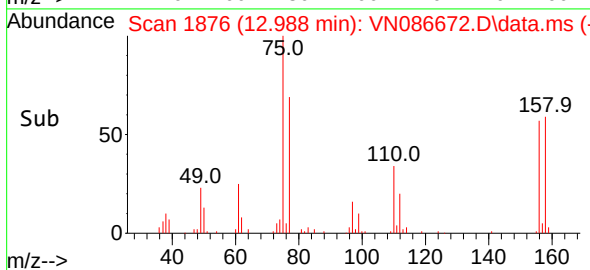
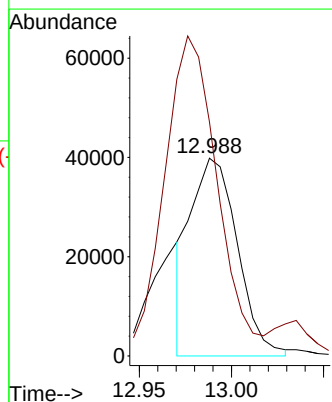
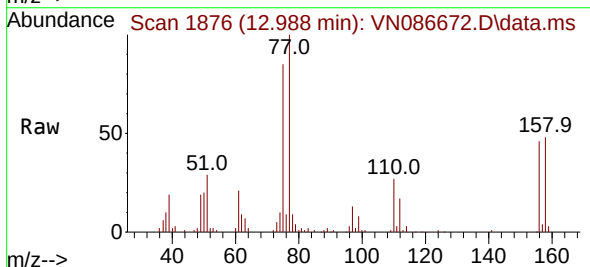
Manual Integrations
APPROVED

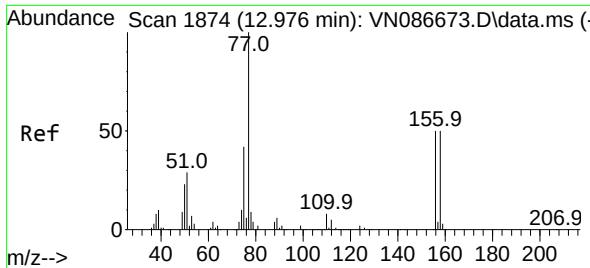
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#76
1,2,3-Trichloropropane
Concen: 20.815 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Tgt Ion: 75 Resp: 70466
Ion Ratio Lower Upper
75 100
77 183.8 96.0 288.1





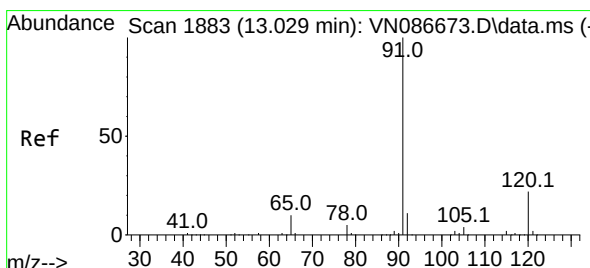
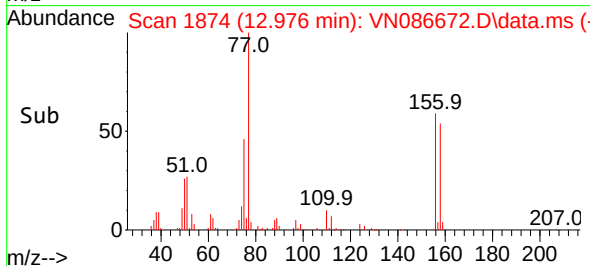
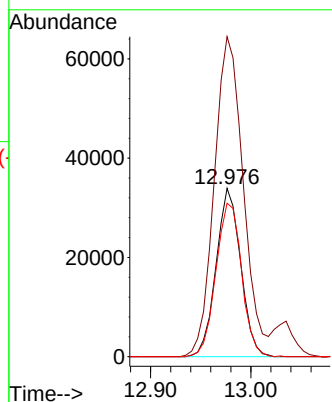
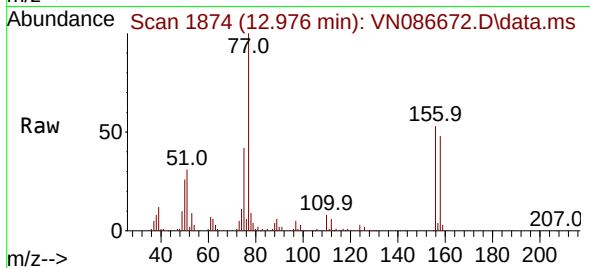
#77
Bromobenzene
Concen: 22.016 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 5760
Ion Ratio Lower Upper
156 100
77 224.8 113.1 339.2
158 95.4 48.6 145.9

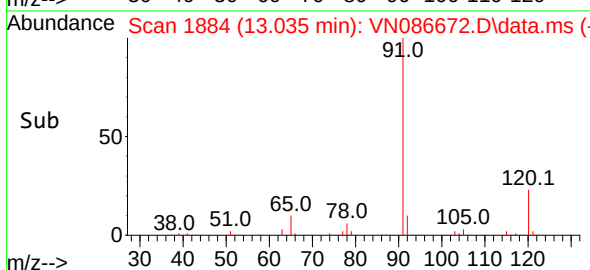
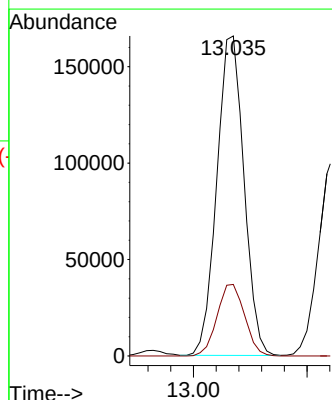
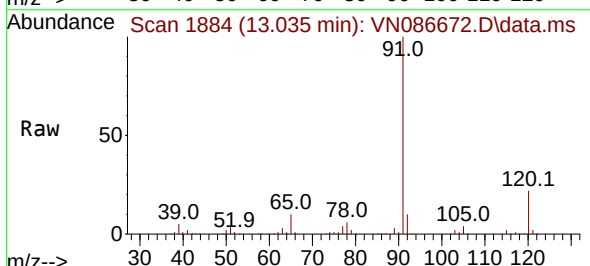
Manual Integrations
APPROVED

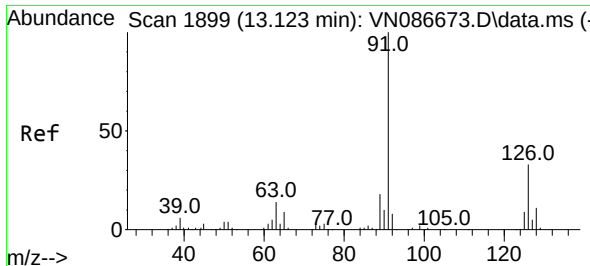
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#78
n-propylbenzene
Concen: 20.038 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Tgt Ion: 91 Resp: 274906
Ion Ratio Lower Upper
91 100
120 22.7 11.4 34.1





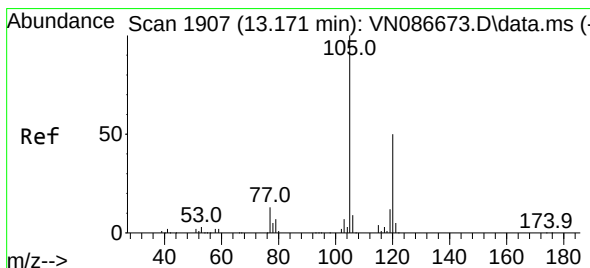
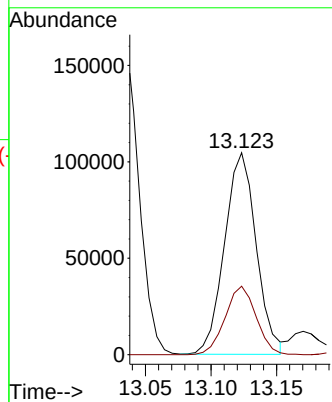
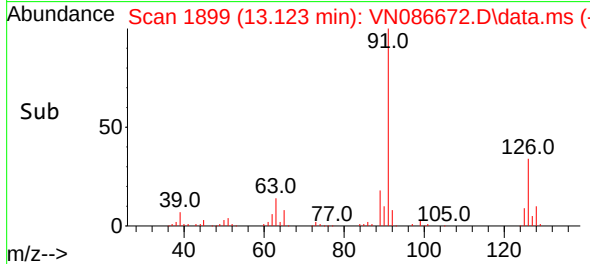
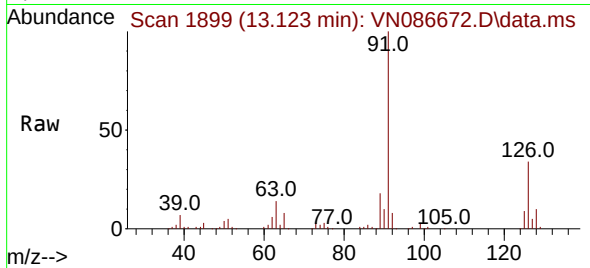
#79
2-Chlorotoluene
Concen: 20.369 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 175750
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.7

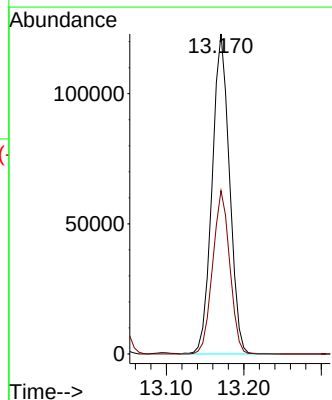
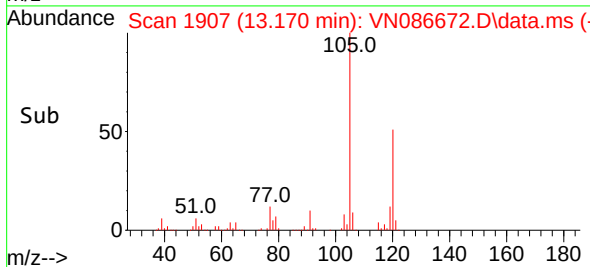
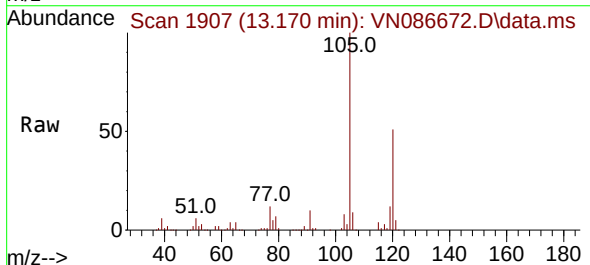
Manual Integrations
APPROVED

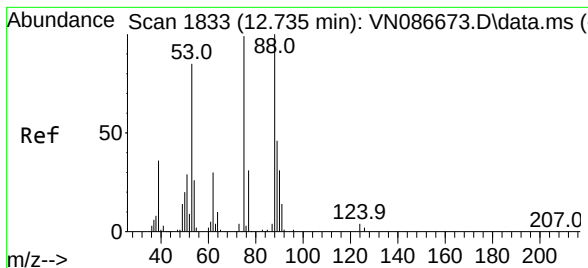
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.048 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Tgt Ion:105 Resp: 191549
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.6





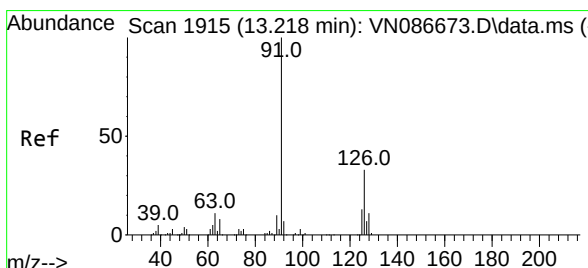
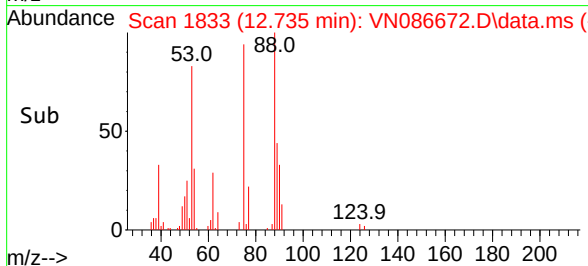
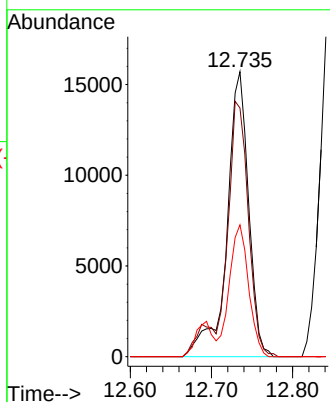
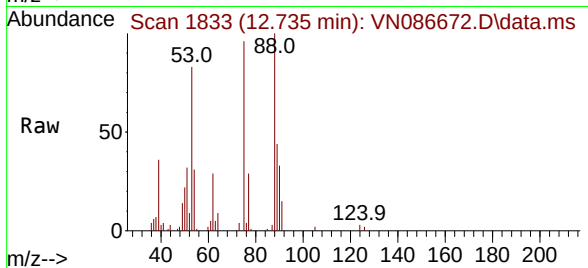
#81
trans-1,4-Dichloro-2-butene
Concen: 20.670 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 2906
Ion Ratio Lower Upper
75 100
53 82.1 70.4 105.6
89 41.2 32.4 48.6

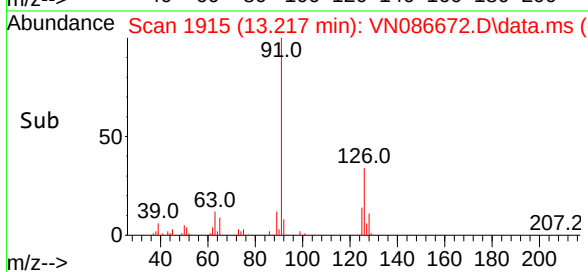
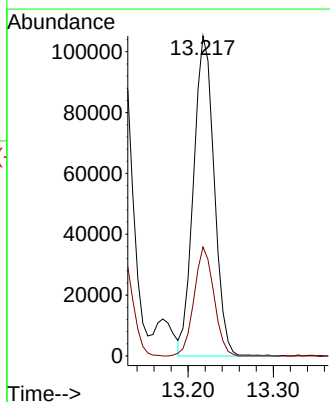
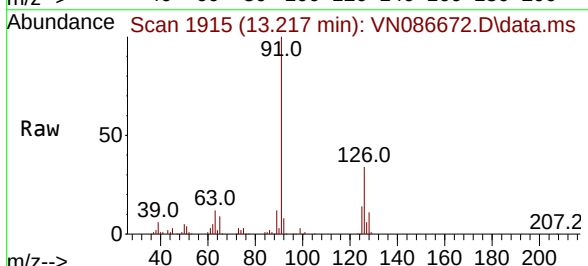
Manual Integrations
APPROVED

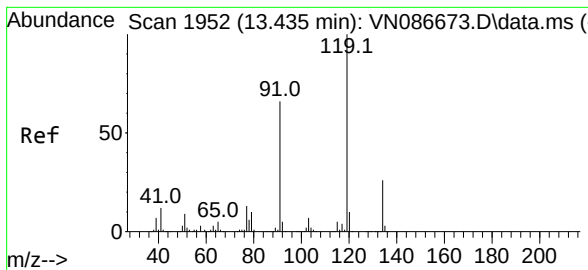
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#82
4-Chlorotoluene
Concen: 20.664 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Tgt Ion: 91 Resp: 176501
Ion Ratio Lower Upper
91 100
126 32.8 17.0 50.9





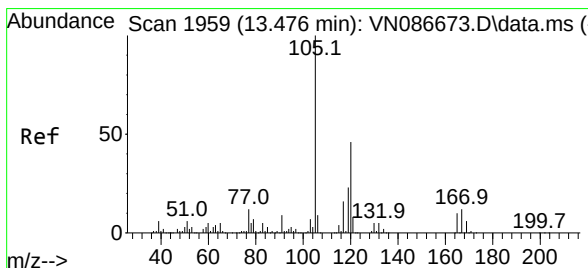
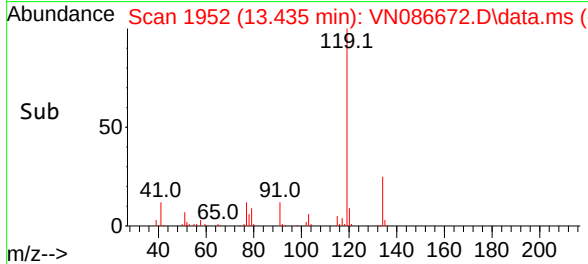
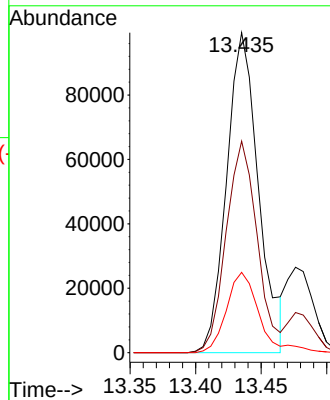
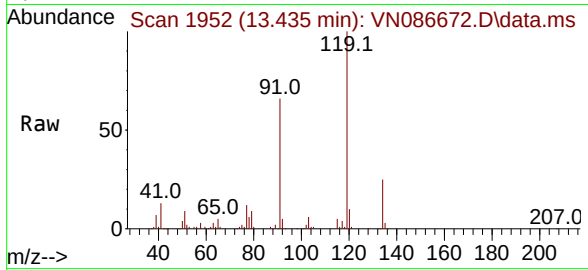
#83
tert-Butylbenzene
Concen: 20.324 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 168468
Ion Ratio Lower Upper
119 100
91 64.4 32.9 98.7
134 25.8 13.4 40.1

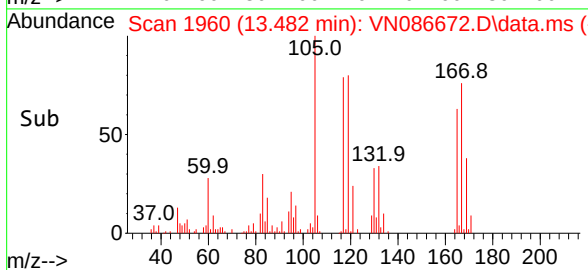
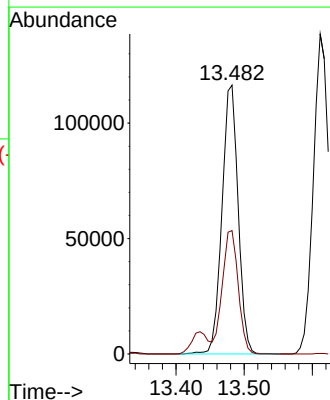
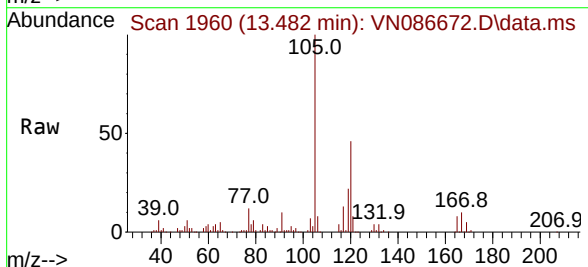
Manual Integrations
APPROVED

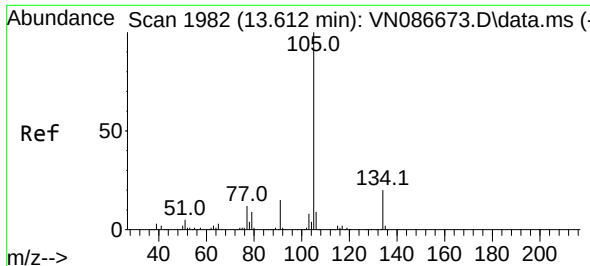
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.778 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Tgt Ion:105 Resp: 192028
Ion Ratio Lower Upper
105 100
120 45.3 23.2 69.6





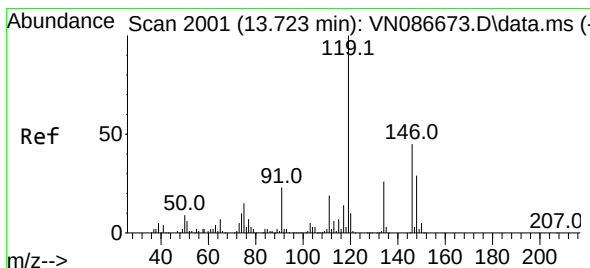
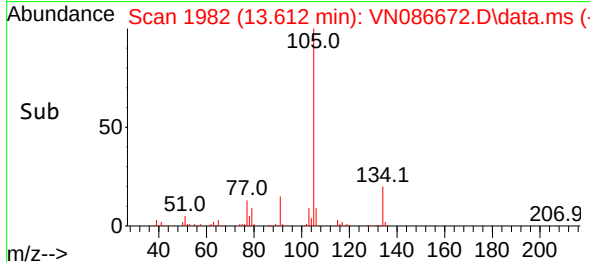
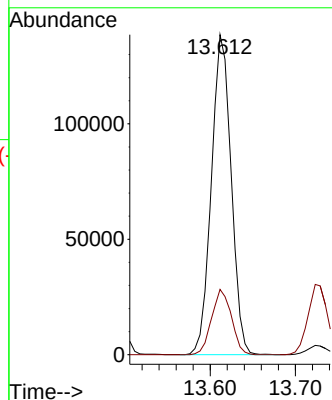
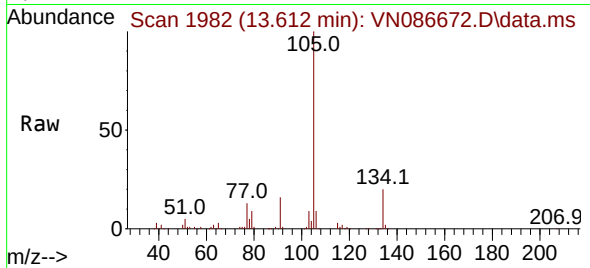
#85
 sec-Butylbenzene
 Concen: 19.574 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086672.D
 Acq: 16 May 2025 17:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 22358
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

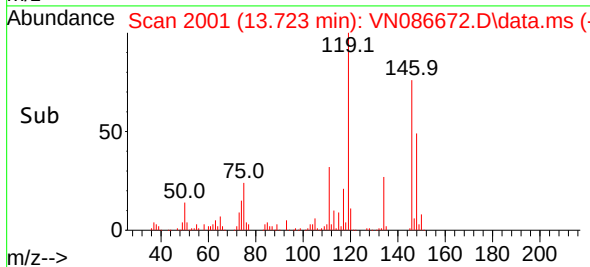
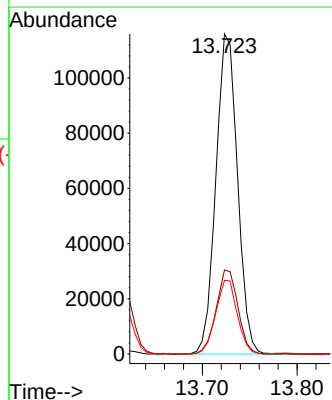
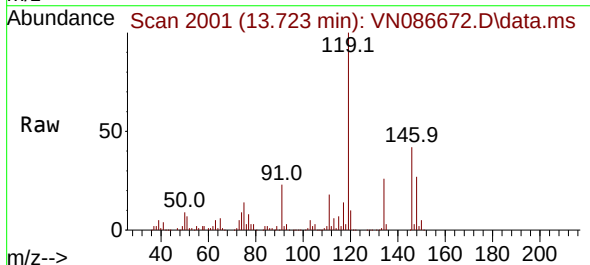
Manual Integrations
 APPROVED

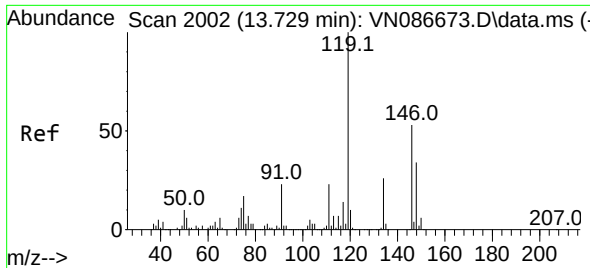
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#86
 p-Isopropyltoluene
 Concen: 19.537 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086672.D
 Acq: 16 May 2025 17:43

Tgt Ion:119 Resp: 183908
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 23.1 11.5 34.5





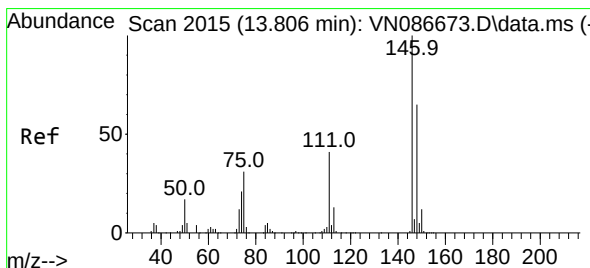
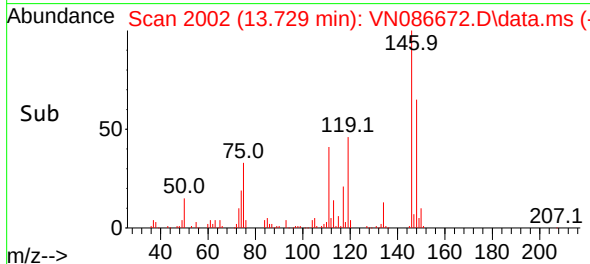
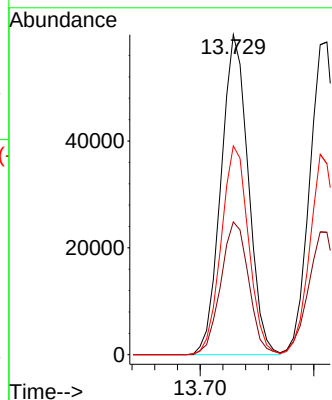
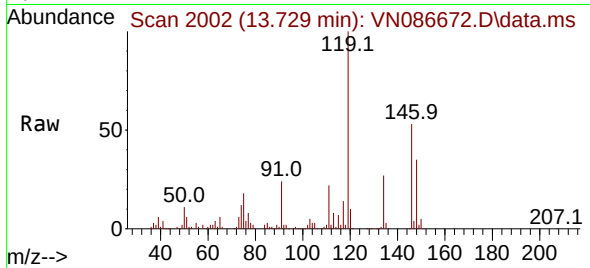
#87
1,3-Dichlorobenzene
Concen: 20.377 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 99754
Ion Ratio Lower Upper
146 100
111 42.5 20.9 62.7
148 65.5 31.8 95.4

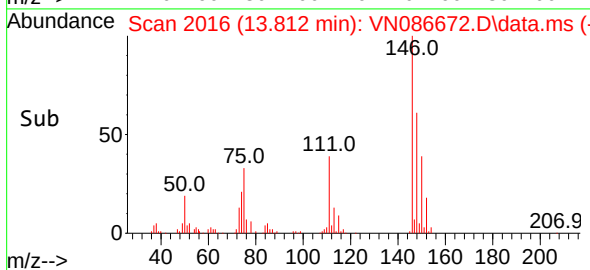
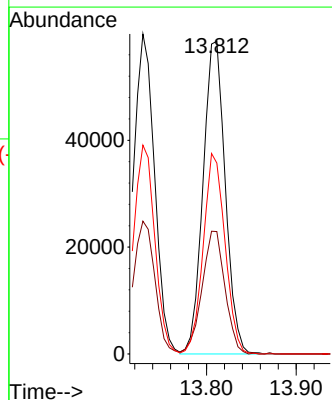
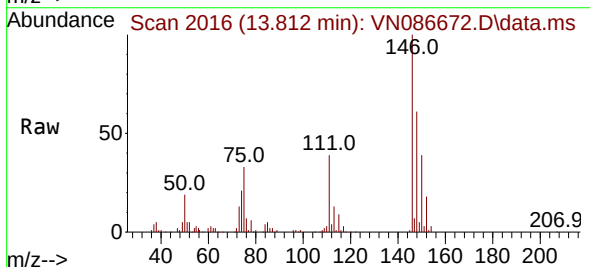
Manual Integrations
APPROVED

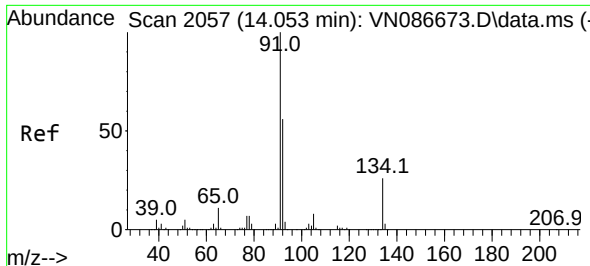
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#88
1,4-Dichlorobenzene
Concen: 20.473 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

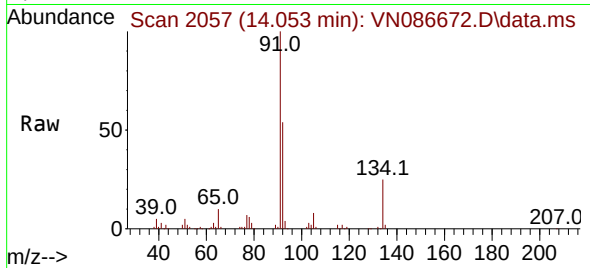
Tgt Ion:146 Resp: 100717
Ion Ratio Lower Upper
146 100
111 40.5 20.6 61.8
148 63.0 32.0 96.0





#89
n-Butylbenzene
Concen: 18.306 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

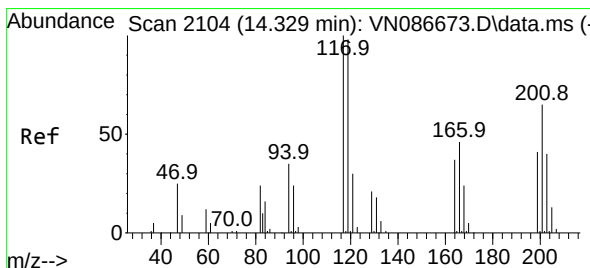
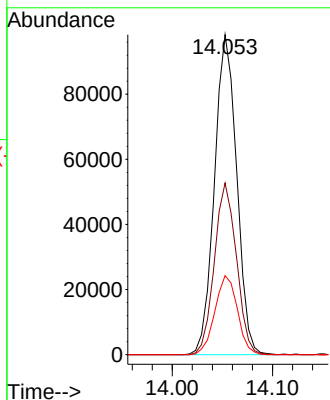
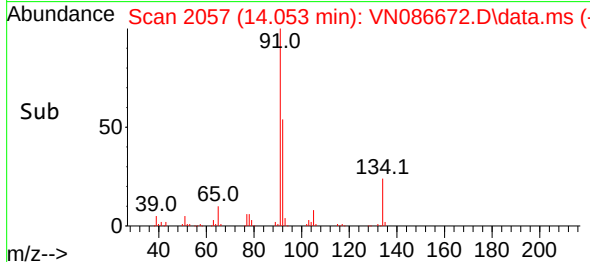
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 15127
Ion Ratio Lower Upper
91 100
92 53.3 27.4 82.0
134 25.0 12.8 38.4

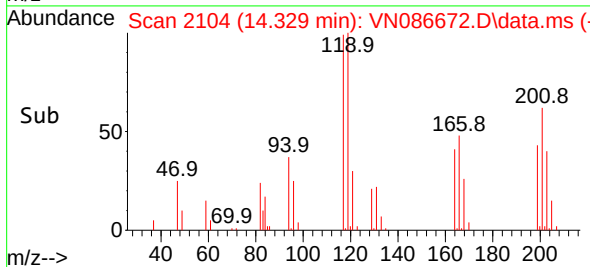
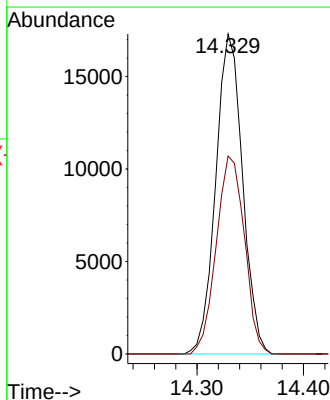
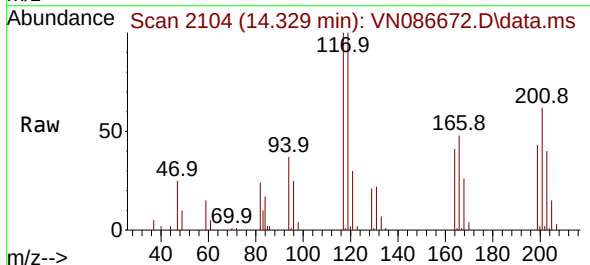
Manual Integrations
APPROVED

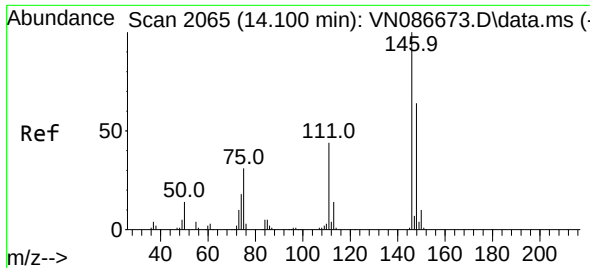
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#90
Hexachloroethane
Concen: 19.092 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Tgt Ion:117 Resp: 30231
Ion Ratio Lower Upper
117 100
201 64.9 32.0 96.0





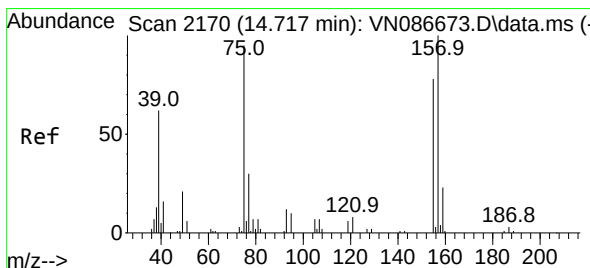
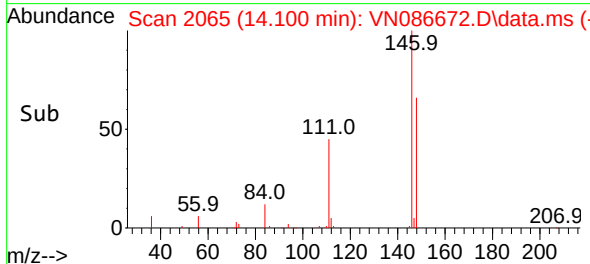
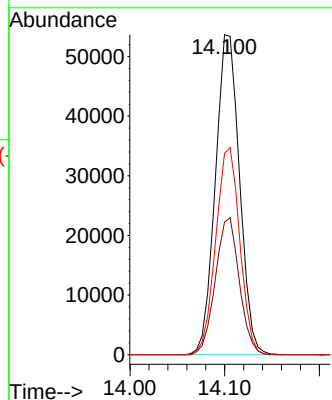
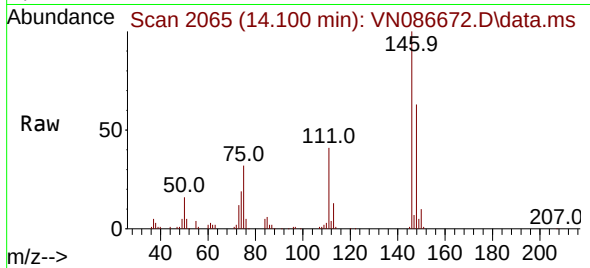
#91
1,2-Dichlorobenzene
Concen: 20.058 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 95188
Ion Ratio Lower Upper
146 100
111 42.4 21.6 65.0
148 64.4 31.7 95.1

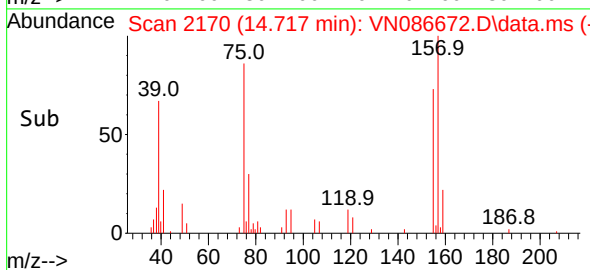
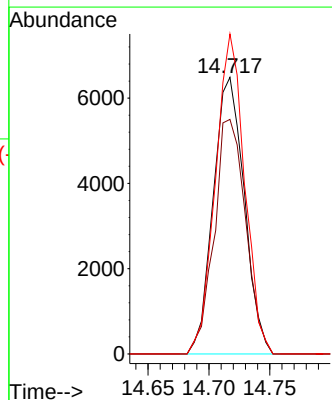
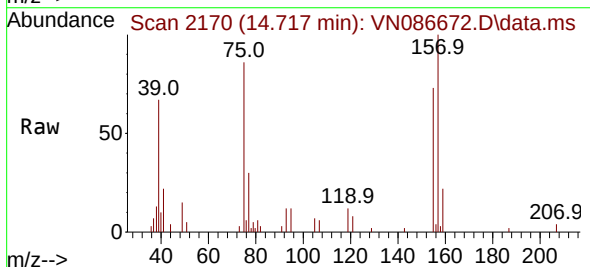
Manual Integrations
APPROVED

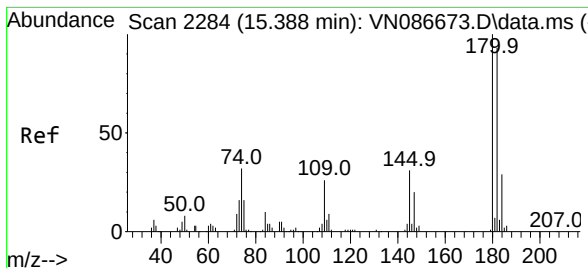
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.115 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

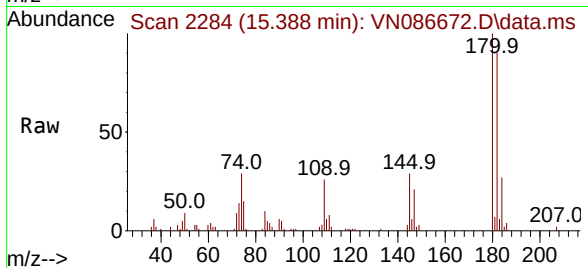
Tgt Ion: 75 Resp: 11492
Ion Ratio Lower Upper
75 100
155 86.1 40.5 121.5
157 108.8 53.6 160.8





#93
1,2,4-Trichlorobenzene
Concen: 18.515 ug/l
RT: 15.388 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

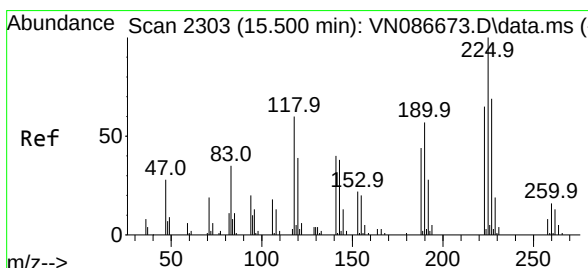
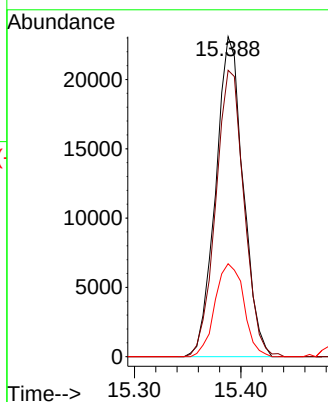
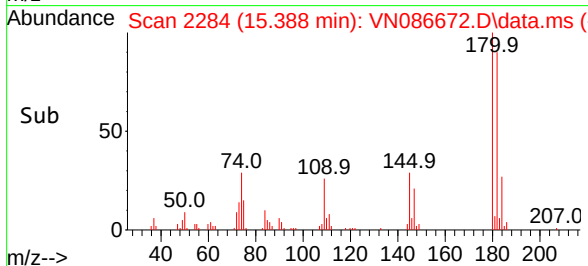
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



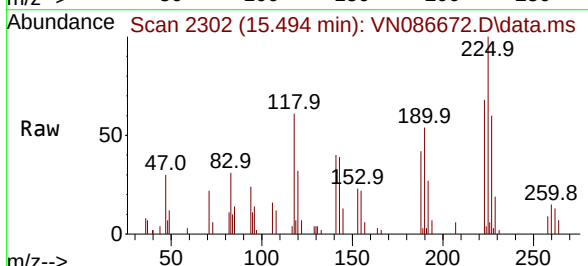
Tgt Ion:180 Resp: 4141
Ion Ratio Lower Upper
180 100
182 92.1 47.1 141.3
145 30.3 15.6 46.8

Manual Integrations
APPROVED

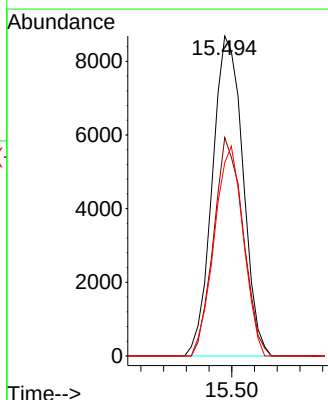
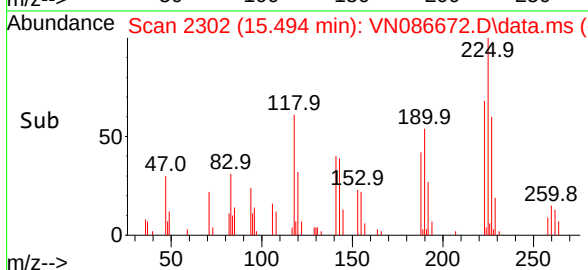
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

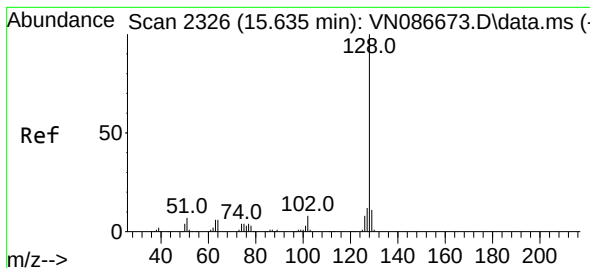


#94
Hexachlorobutadiene
Concen: 19.071 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43



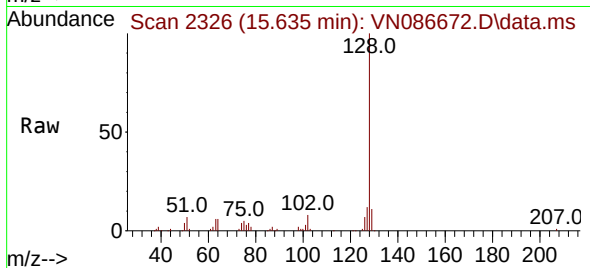
Tgt Ion:225 Resp: 16213
Ion Ratio Lower Upper
225 100
223 65.7 32.9 98.6
227 62.6 32.4 97.2





#95
Naphthalene
Concen: 17.571 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43

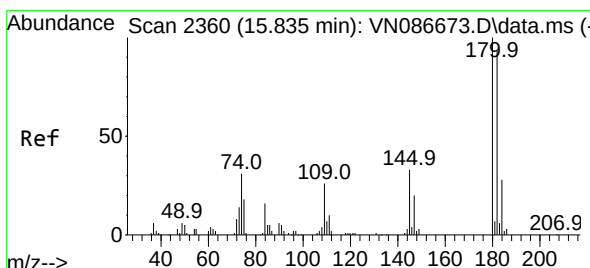
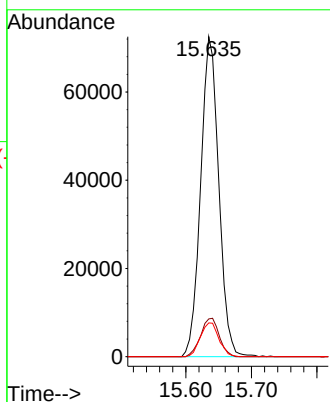
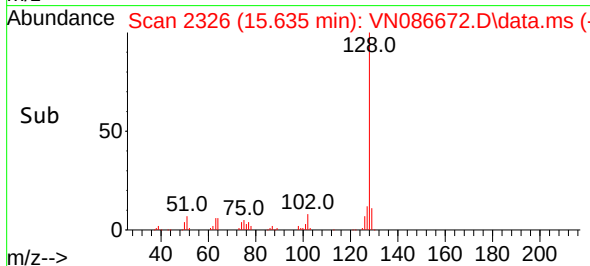
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



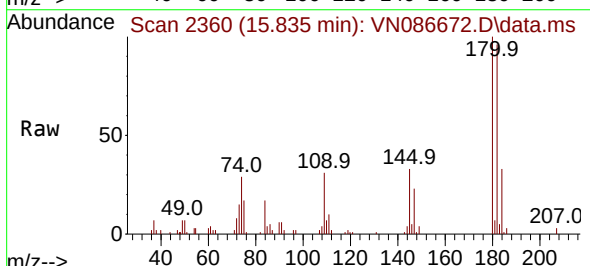
Tgt Ion:128 Resp: 13949
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carbone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.236 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086672.D
Acq: 16 May 2025 17:43



Tgt Ion:180 Resp: 38790
Ion Ratio Lower Upper
180 100
182 95.9 47.0 141.2
145 34.7 16.7 50.1

