

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021825\
 Data File : VN085777.D
 Acq On : 18 Feb 2025 13:07
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Feb 19 03:01:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 02:27:19 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/19/2025
 Supervised By : Mahesh Dadoda 02/19/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	274051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	476457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	394997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152224	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	3620	0.971	ug/l	84
3) Chloromethane	2.359	50	4478	1.197	ug/l #	83
4) Vinyl Chloride	2.518	62	4169	1.053	ug/l #	80
6) Chloroethane	3.124	64	3201	1.220	ug/l	100
7) Trichlorofluoromethane	3.500	101	6048	1.055	ug/l #	71
8) Diethyl Ether	3.965	74	1716m	0.925	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.371	101	3034	0.915	ug/l	90
12) 1,1-Dichloroethene	4.341	96	2817	0.937	ug/l #	75
14) Allyl chloride	5.024	41	3802m	0.964	ug/l	
15) Acrylonitrile	5.718	53	6980	4.913	ug/l	98
16) Acetone	4.436	43	6230	5.542	ug/l #	73
17) Carbon Disulfide	4.712	76	10131	1.137	ug/l	98
18) Methyl Acetate	5.030	43	4677	1.210	ug/l #	52
19) Methyl tert-butyl Ether	5.794	73	7883	0.883	ug/l	97
20) Methylene Chloride	5.277	84	4036	1.116	ug/l #	84
21) trans-1,2-Dichloroethene	5.788	96	3415	1.055	ug/l	91
22) Diisopropyl ether	6.659	45	7268	0.815	ug/l #	80
23) Vinyl Acetate	6.600	43	27376m	4.498	ug/l	
24) 1,1-Dichloroethane	6.571	63	5881	0.970	ug/l #	82
25) 2-Butanone	7.482	43	7658	4.630	ug/l	92
26) 2,2-Dichloropropane	7.477	77	5170m	0.959	ug/l	
27) cis-1,2-Dichloroethene	7.488	96	3541	0.944	ug/l	92
28) Bromochloromethane	7.812	49	2649	1.063	ug/l #	98
29) Tetrahydrofuran	7.841	42	4567	4.276	ug/l	93
30) Chloroform	7.959	83	6416	1.013	ug/l	98
32) 1,1,1-Trichloroethane	8.159	97	5643	1.002	ug/l #	47
36) 1,1-Dichloropropene	8.365	75	4055	0.919	ug/l	93
37) Ethyl Acetate	7.553	43	3365	0.927	ug/l #	84
38) Carbon Tetrachloride	8.353	117	5079	0.969	ug/l #	94
39) Methylcyclohexane	9.594	83	3557	0.821	ug/l #	89
40) Benzene	8.606	78	13536	0.957	ug/l	96
41) Methacrylonitrile	7.771	41	1573	0.810	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	4497	0.976	ug/l	88
43) Isopropyl Acetate	8.677	43	12901	1.494	ug/l #	73
44) Trichloroethene	9.347	130	3768	1.085	ug/l	98
45) 1,2-Dichloropropane	9.618	63	3235	0.948	ug/l	91

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Quant Time: Feb 19 03:01:21 2025
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 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 02:27:19 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/19/2025
 Supervised By : Mahesh Dadoda 02/19/2025

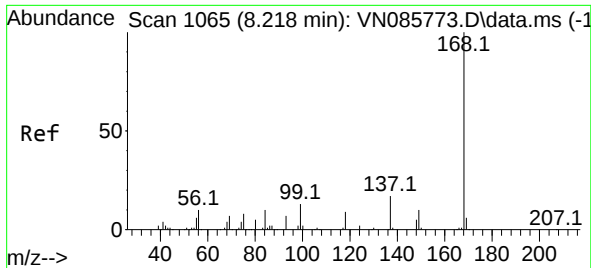
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.706	93	2304	0.957	ug/l	96
47) Bromodichloromethane	9.882	83	4879	0.947	ug/l #	92
48) Methyl methacrylate	9.676	41	2247	0.833	ug/l	92
49) 1,4-Dioxane	9.694	88	992	19.344	ug/l #	76
51) 4-Methyl-2-Pentanone	10.441	43	13832	3.951	ug/l	94
52) Toluene	10.629	92	6568	0.792	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	3884	0.815	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	4211	0.806	ug/l #	87
55) 1,1,2-Trichloroethane	11.012	97	3084	0.936	ug/l #	88
56) Ethyl methacrylate	10.859	69	2517	1.052	ug/l #	75
57) 1,3-Dichloropropane	11.153	76	5078	0.923	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.153	63	6353	3.424	ug/l	99
59) 2-Hexanone	11.194	43	8780	3.646	ug/l	91
60) Dibromochloromethane	11.353	129	3380	0.881	ug/l	91
61) 1,2-Dibromoethane	11.465	107	2599	0.835	ug/l	89
64) Tetrachloroethene	11.094	164	3108	1.016	ug/l	87
65) Chlorobenzene	11.882	112	8761	0.968	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.959	131	3222	0.991	ug/l #	66
67) Ethyl Benzene	11.959	91	11246	0.793	ug/l	100
68) m/p-Xylenes	12.065	106	7606	1.413	ug/l	91
69) o-Xylene	12.394	106	3965	0.775	ug/l	95
70) Styrene	12.406	104	5877	1.257	ug/l	99
71) Bromoform	12.570	173	2161	0.894	ug/l #	87
73) Isopropylbenzene	12.694	105	8928	0.856	ug/l	95
74) N-amyl acetate	12.488	43	3263	0.887	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	3870	1.078	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	4032m	1.206	ug/l	
77) Bromobenzene	12.976	156	2624	0.931	ug/l	76
78) n-propylbenzene	13.029	91	9228	0.773	ug/l	99
79) 2-Chlorotoluene	13.123	91	7260	0.910	ug/l	95
80) 1,3,5-Trimethylbenzene	13.164	105	6185	0.728	ug/l	98
82) 4-Chlorotoluene	13.217	91	6700	0.847	ug/l	99
83) tert-Butylbenzene	13.435	119	5485	0.768	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	5595	0.666	ug/l	96
85) sec-Butylbenzene	13.611	105	7569	0.750	ug/l	99
86) p-Isopropyltoluene	13.723	119	5416	1.252	ug/l	95
87) 1,3-Dichlorobenzene	13.729	146	5321	1.008	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	5848m	1.081	ug/l	
89) n-Butylbenzene	14.047	91	6398	0.893	ug/l	91
90) Hexachloroethane	14.329	117	2153	1.126	ug/l	91
91) 1,2-Dichlorobenzene	14.100	146	5309	1.046	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.711	75	780	1.184	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	2525	1.044	ug/l	95
94) Hexachlorobutadiene	15.494	225	1976	1.344	ug/l	94
95) Naphthalene	15.635	128	7298	1.099	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.841	180	2791	1.149	ug/l	97

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

Manual Integrations

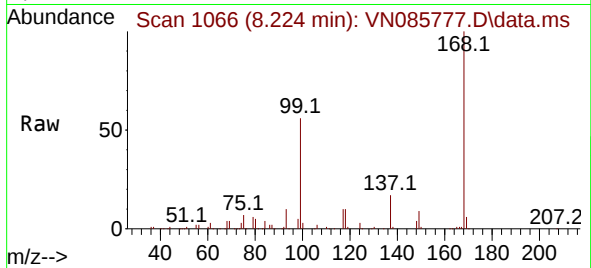
Quant Time: Feb 19 03:01:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 02:27:19 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

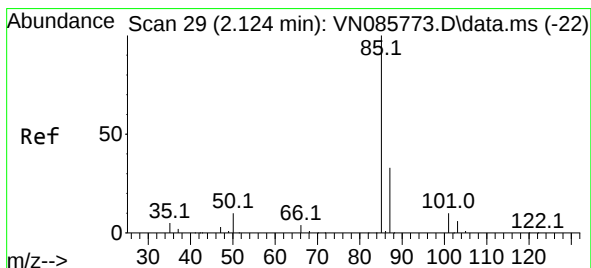
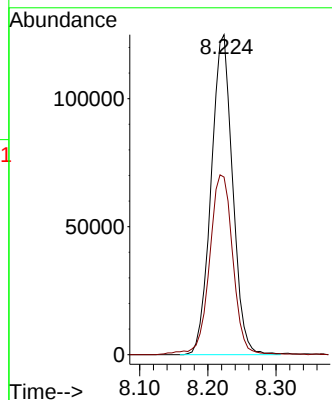
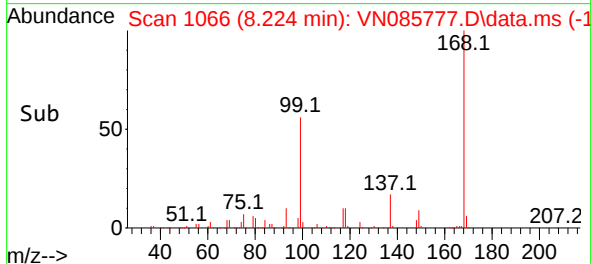
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 27405
Ion Ratio Lower Upper
168 100
99 55.2 47.9 71.9

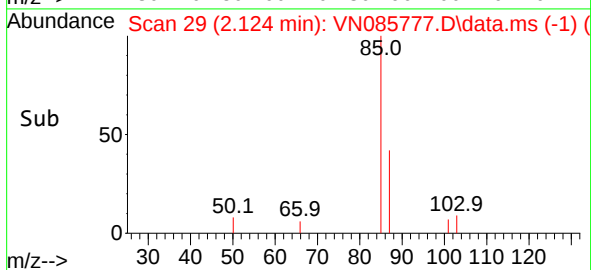
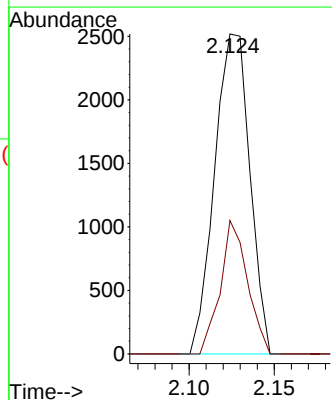
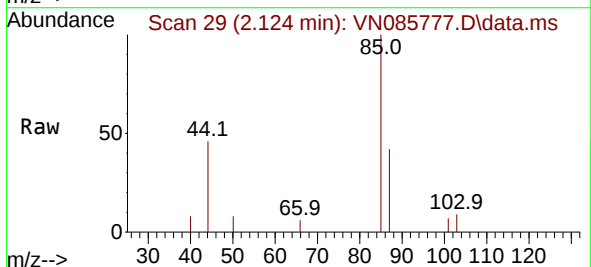
Manual Integrations
APPROVED

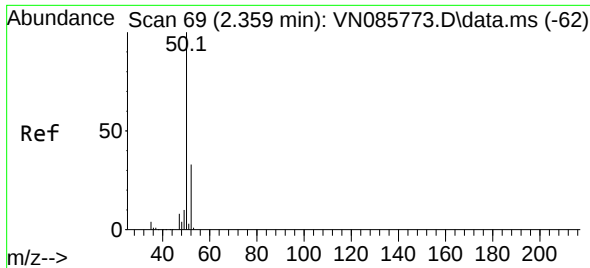
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#2
Dichlorodifluoromethane
Concen: 0.971 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

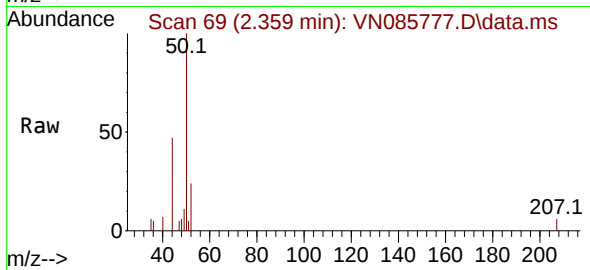
Tgt Ion: 85 Resp: 3620
Ion Ratio Lower Upper
85 100
87 41.7 16.4 49.2





#3
Chloromethane
Concen: 1.197 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

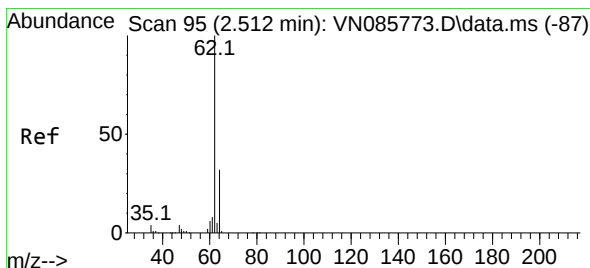
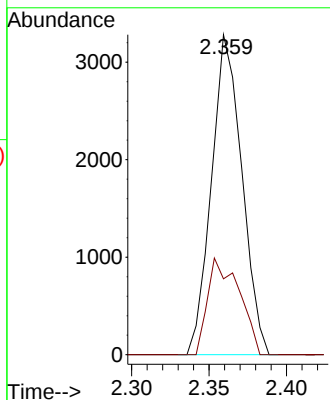
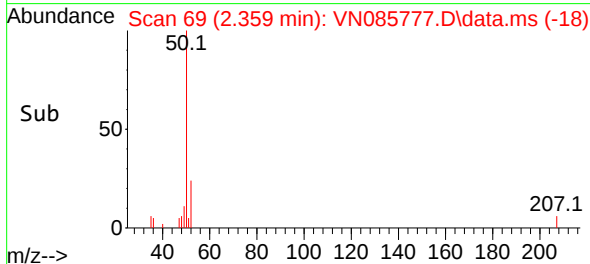
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 50 Resp: 4478
Ion Ratio Lower Upper
50 100
52 23.7 26.7 40.1

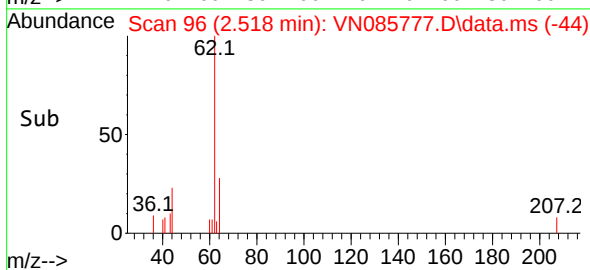
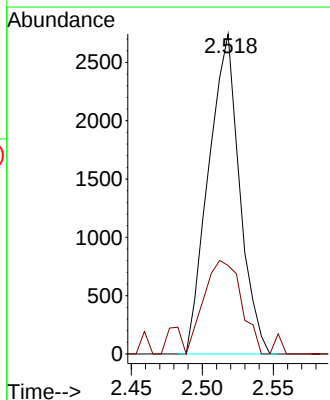
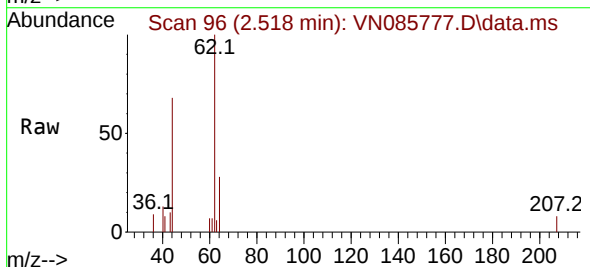
Manual Integrations
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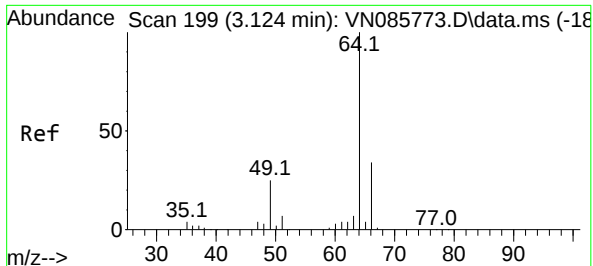
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#4
Vinyl Chloride
Concen: 1.053 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 62 Resp: 4169
Ion Ratio Lower Upper
62 100
64 21.4 25.9 38.9





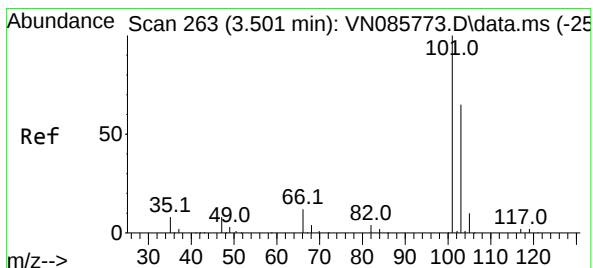
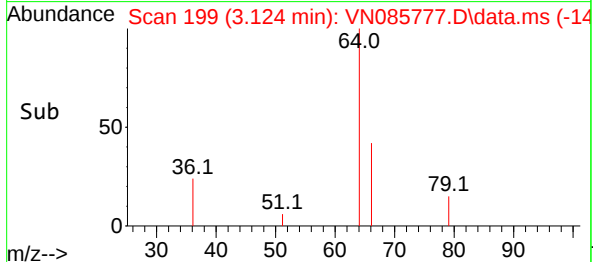
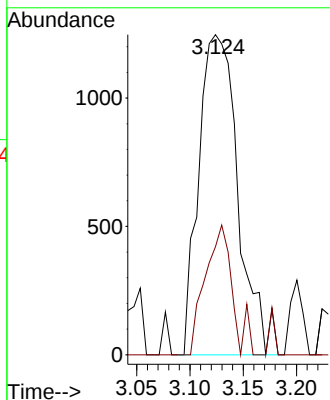
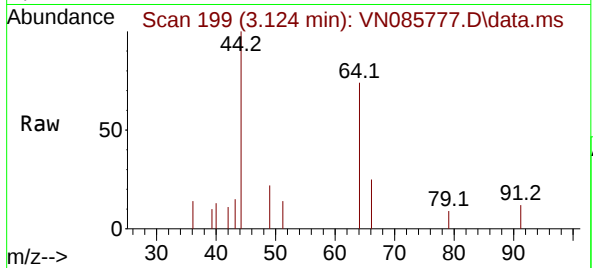
#6
Chloroethane
Concen: 1.220 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 320
Ion Ratio Lower Upper
64 100
66 33.8 27.0 40.6

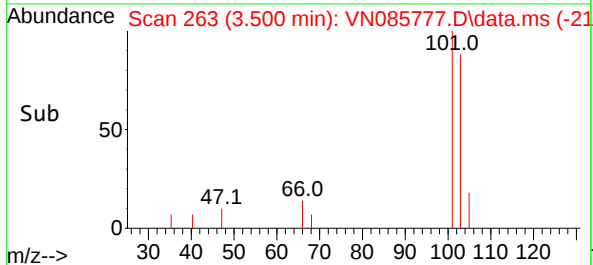
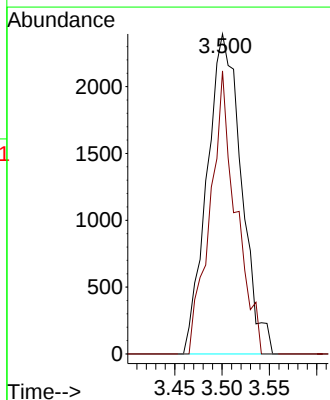
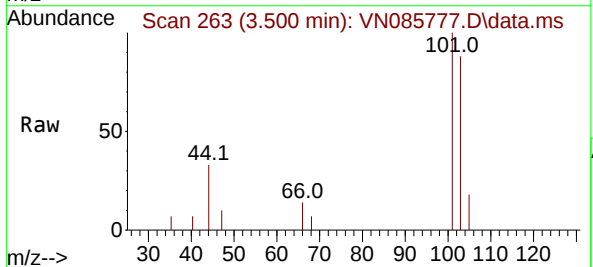
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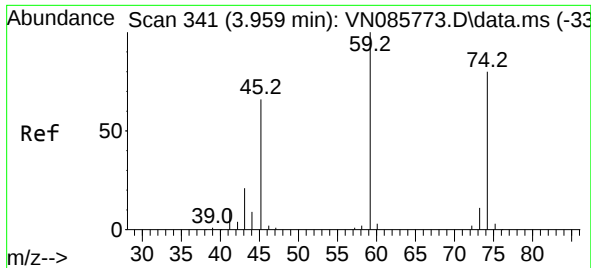
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#7
Trichlorofluoromethane
Concen: 1.055 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

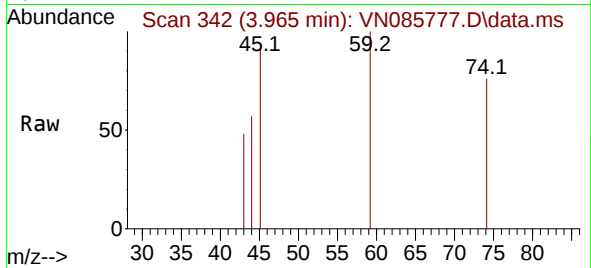
Tgt Ion:101 Resp: 6048
Ion Ratio Lower Upper
101 100
103 88.5 52.2 78.4#





#8
Diethyl Ether
Concen: 0.925 ug/l m
RT: 3.965 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

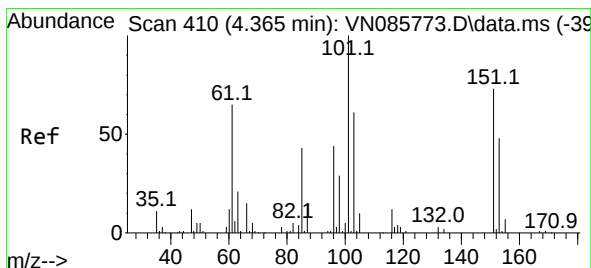
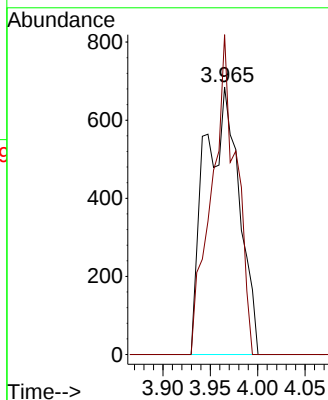
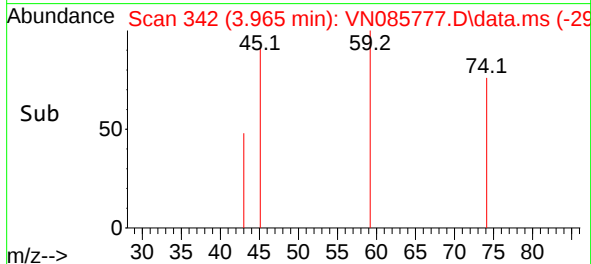
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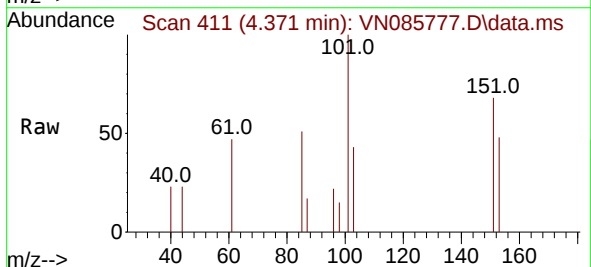
Tgt Ion: 74 Resp: 1710
Ion Ratio Lower Upper
74 100
45 86.6 42.5 127.6

Manual Integrations
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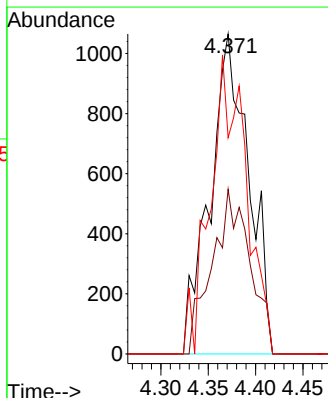
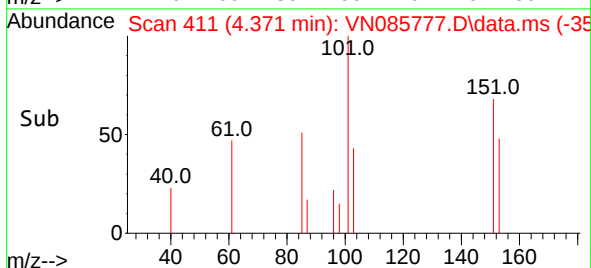
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

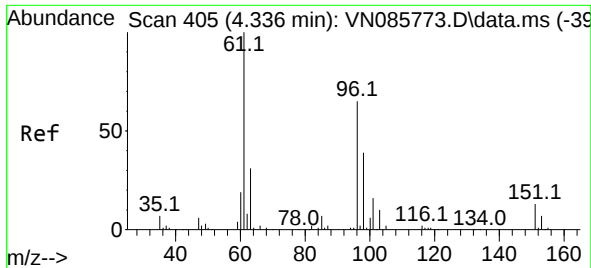


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.915 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07



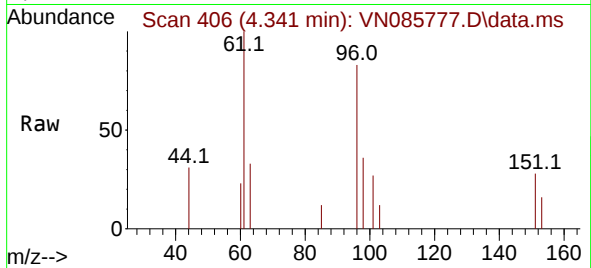
Tgt Ion:101 Resp: 3034
Ion Ratio Lower Upper
101 100
85 50.2 35.7 53.5
151 86.4 61.4 92.2





#12
1,1-Dichloroethene
Concen: 0.937 ug/l
RT: 4.341 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

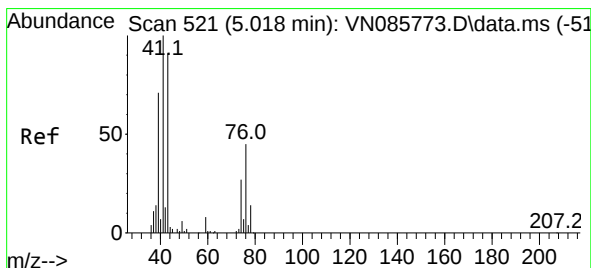
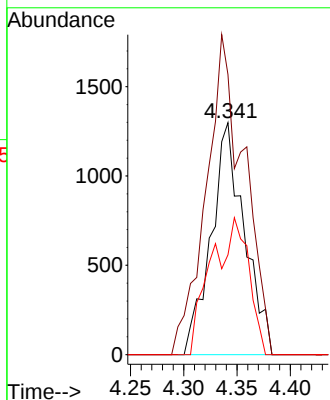
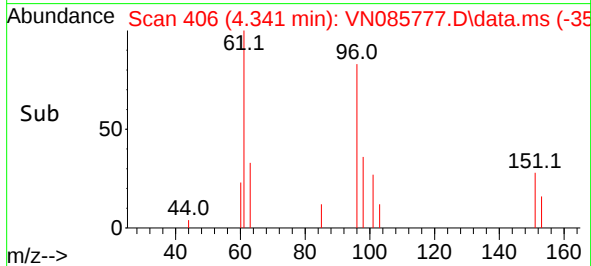
Instrument :
MSVOA_N
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VSTDICC001



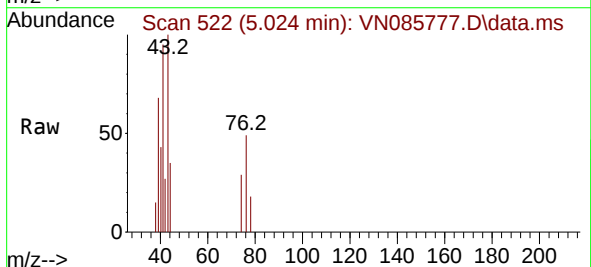
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Ion Ratio Lower Upper
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61 120.8 123.3 184.9
98 43.1 48.6 72.8

Manual Integrations
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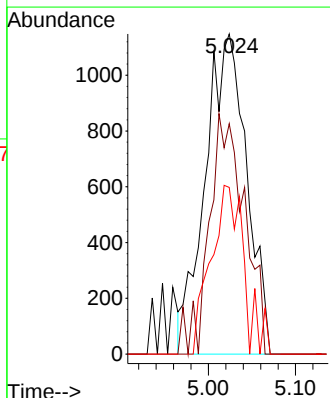
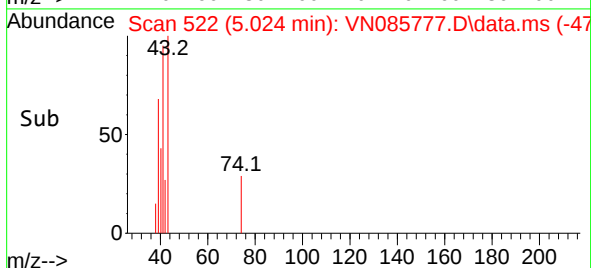
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

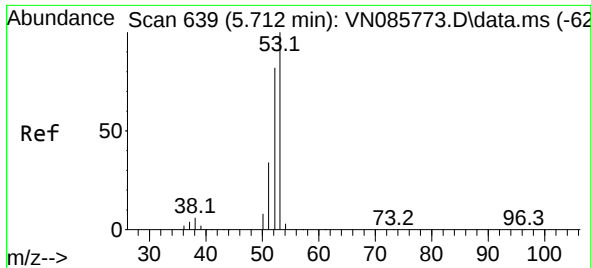


#14
Allyl chloride
Concen: 0.964 ug/l m
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07



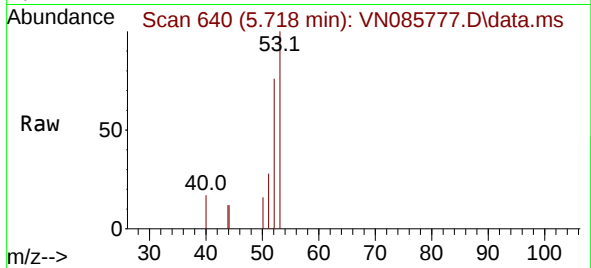
Tgt Ion: 41 Resp: 3802
Ion Ratio Lower Upper
41 100
39 62.8 57.4 86.2
76 41.9 36.2 54.2





#15
Acrylonitrile
Concen: 4.913 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

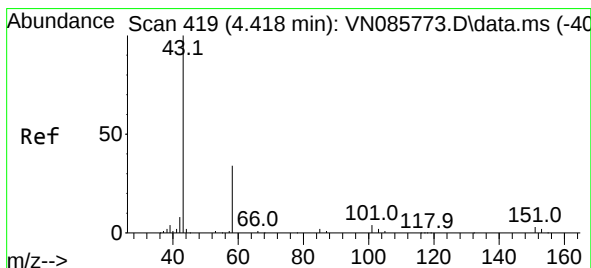
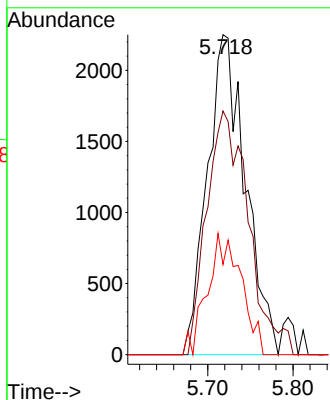
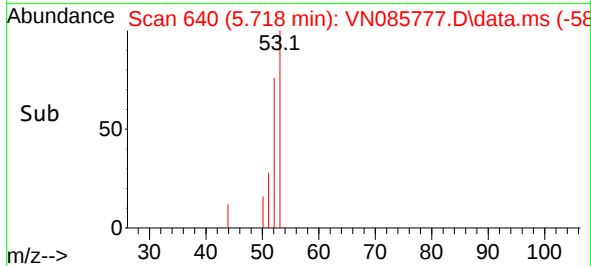
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



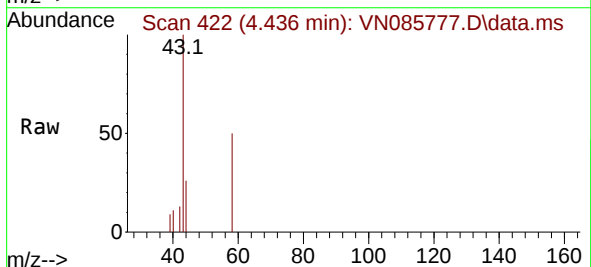
Tgt Ion: 53 Resp: 6980
Ion Ratio Lower Upper
53 100
52 83.6 65.8 98.6
51 33.5 28.6 42.8

Manual Integrations
APPROVED

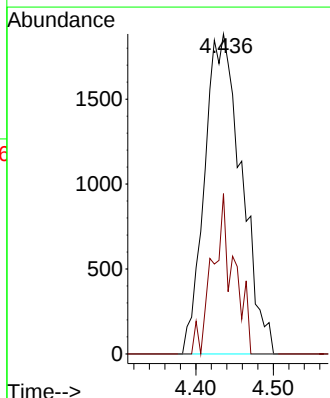
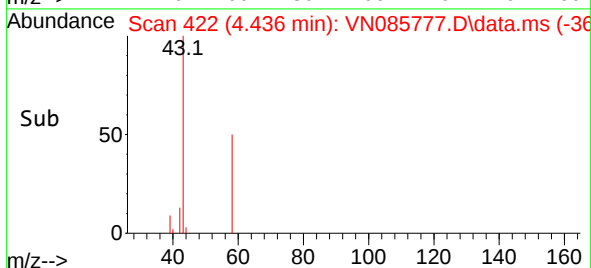
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

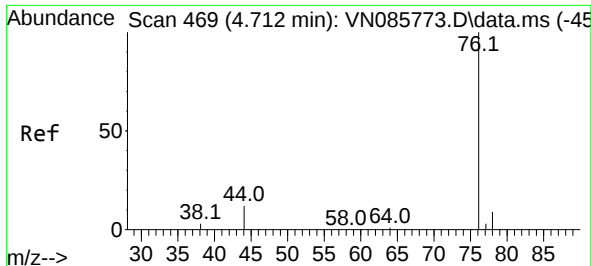


#16
Acetone
Concen: 5.542 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07



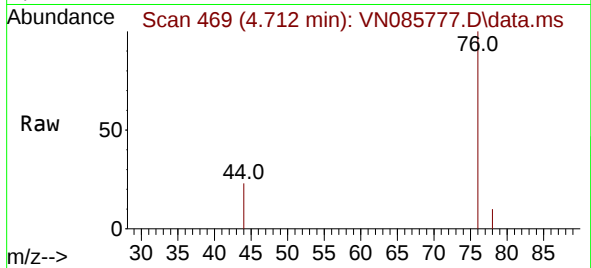
Tgt Ion: 43 Resp: 6230
Ion Ratio Lower Upper
43 100
58 50.1 27.5 41.3#





#17
Carbon Disulfide
Concen: 1.137 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

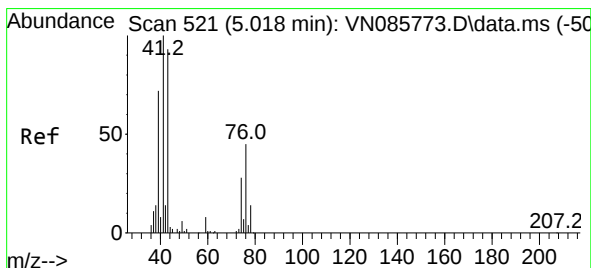
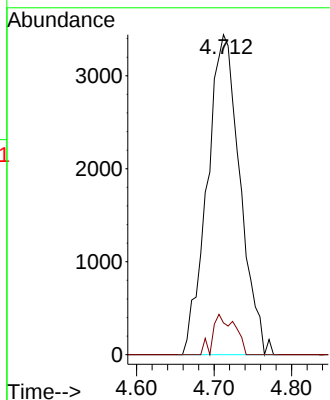
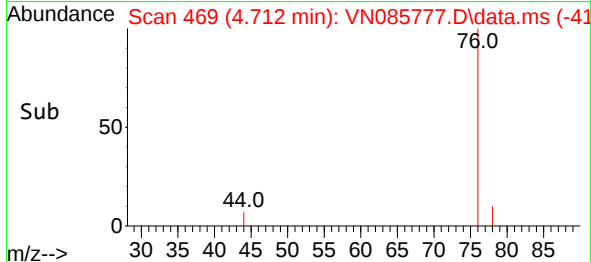
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



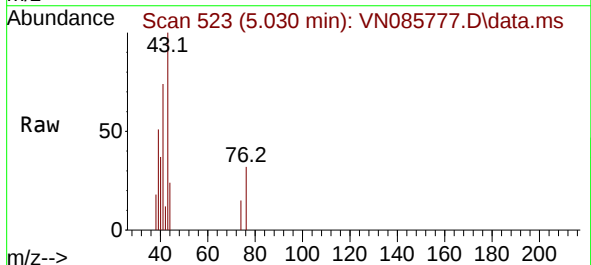
Tgt Ion: 76 Resp: 1013
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0

Manual Integrations
APPROVED

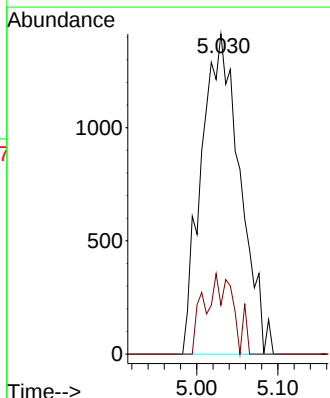
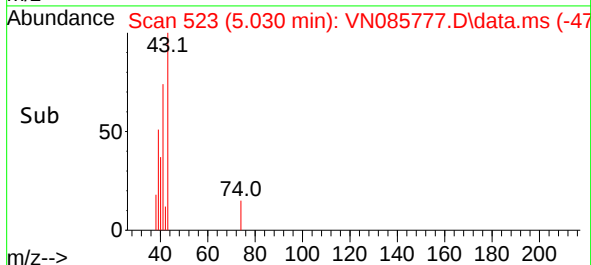
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

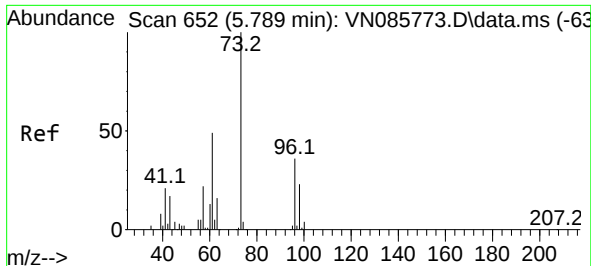


#18
Methyl Acetate
Concen: 1.210 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07



Tgt Ion: 43 Resp: 4677
Ion Ratio Lower Upper
43 100
74 2.5 22.2 33.4#





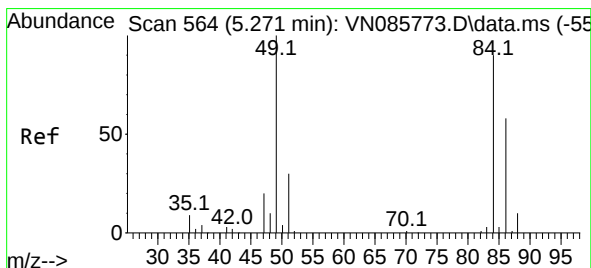
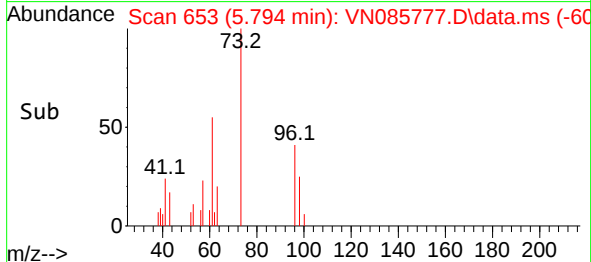
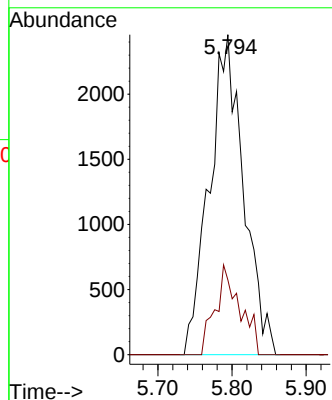
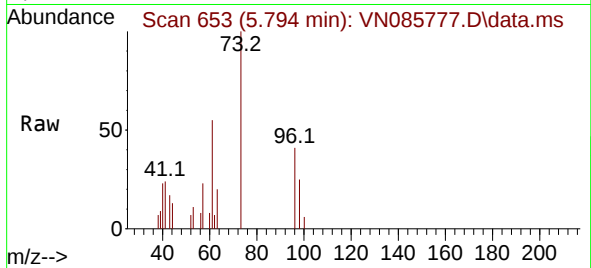
#19
Methyl tert-butyl Ether
Concen: 0.883 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 788
Ion Ratio Lower Upper
73 100
57 23.4 17.6 26.4

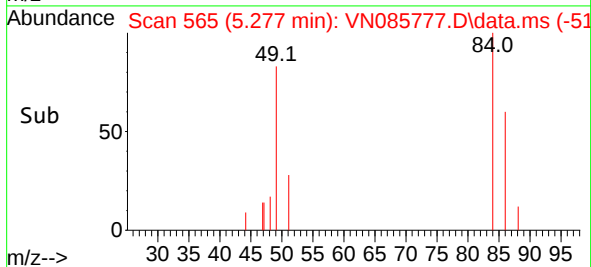
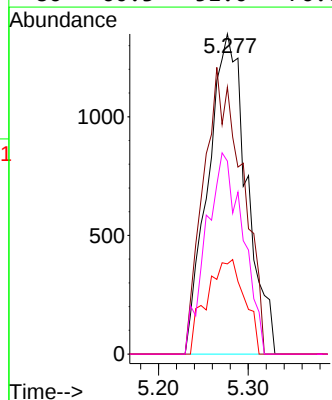
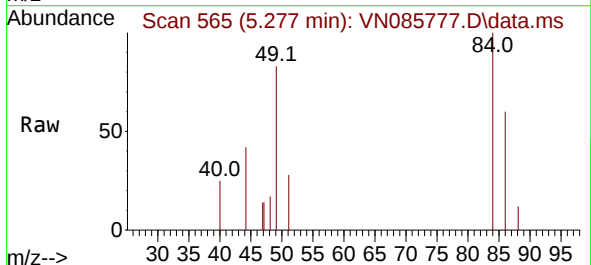
Manual Integrations
APPROVED

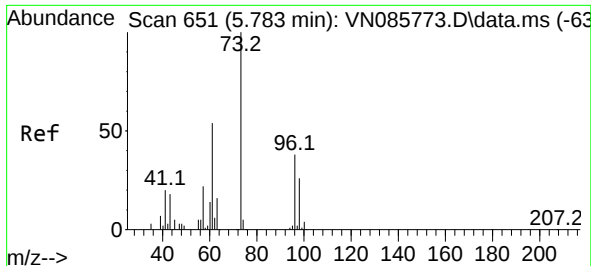
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#20
Methylene Chloride
Concen: 1.116 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

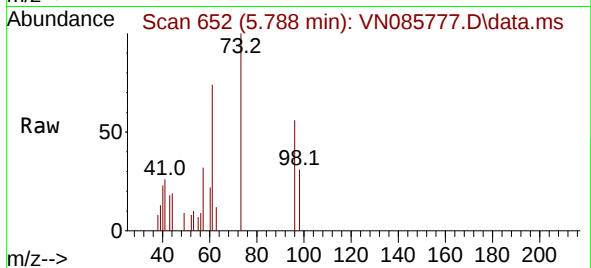
Tgt Ion: 84 Resp: 4036
Ion Ratio Lower Upper
84 100
49 83.4 88.4 132.6#
51 28.2 26.6 40.0
86 60.3 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 1.055 ug/l
RT: 5.788 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

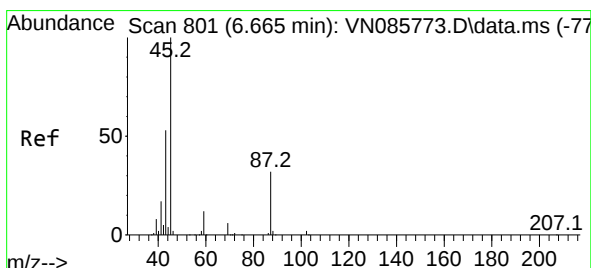
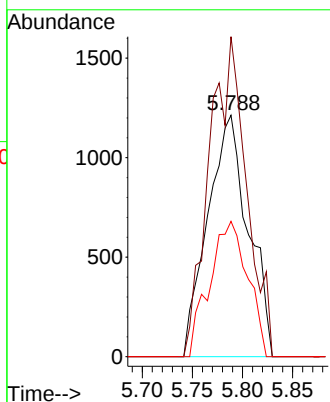
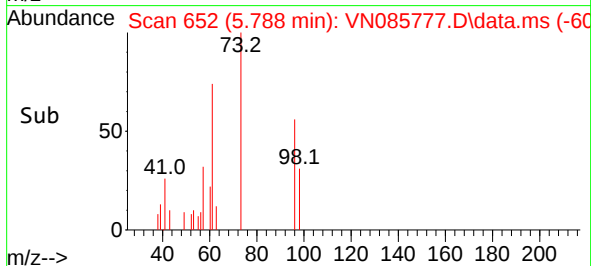
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 341
Ion Ratio Lower Upper
96 100
61 132.6 112.6 168.8
98 56.1 53.3 79.9

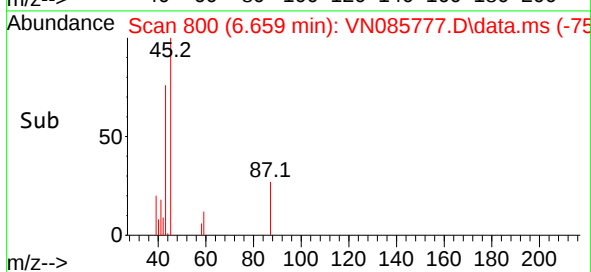
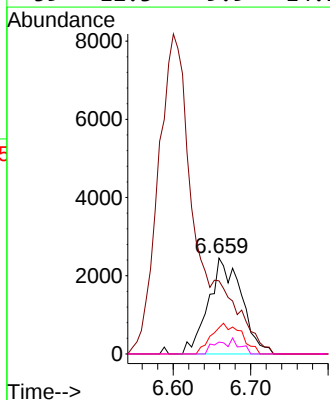
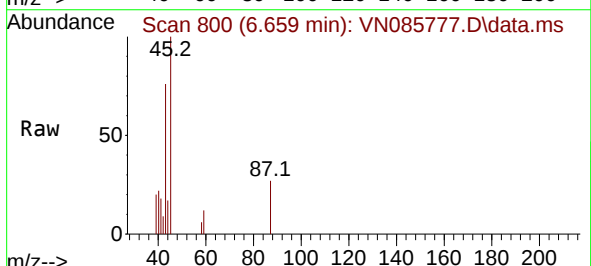
Manual Integrations
APPROVED

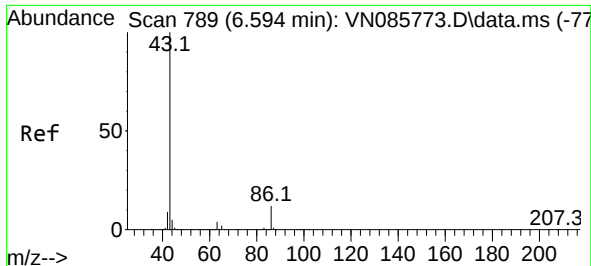
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#22
Diisopropyl ether
Concen: 0.815 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 45 Resp: 7268
Ion Ratio Lower Upper
45 100
43 76.2 42.6 64.0#
87 27.4 25.8 38.8
59 12.3 9.9 14.9





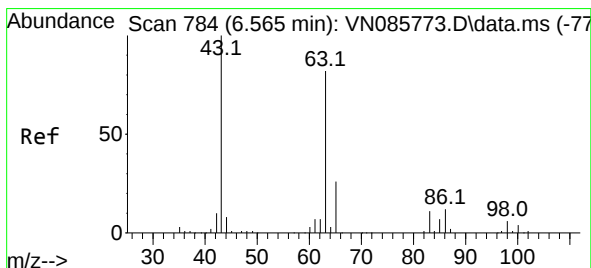
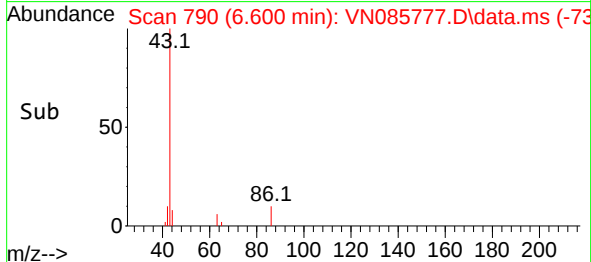
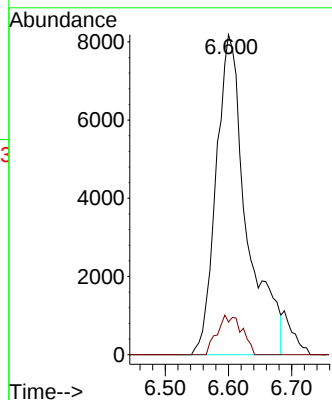
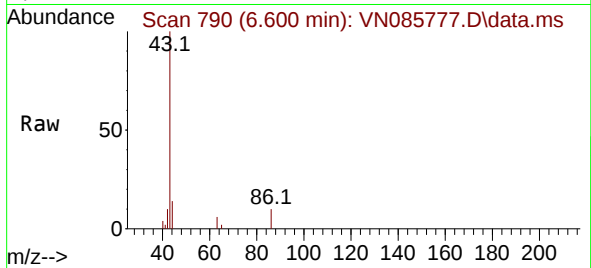
#23
 Vinyl Acetate
 Concen: 4.498 ug/l m
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085777.D
 Acq: 18 Feb 2025 13:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 27370
 Ion Ratio Lower Upper
 43 100
 86 10.2 9.8 14.8

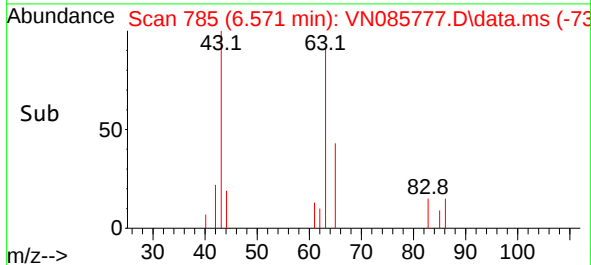
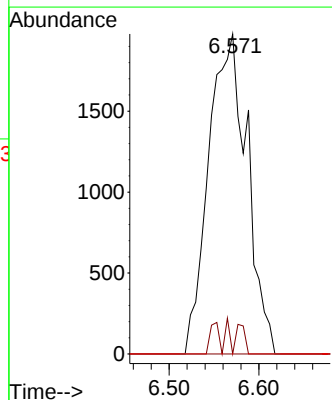
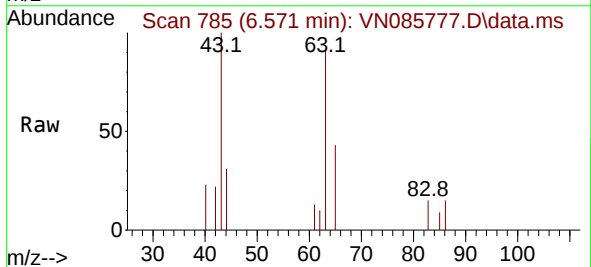
Manual Integrations
 APPROVED

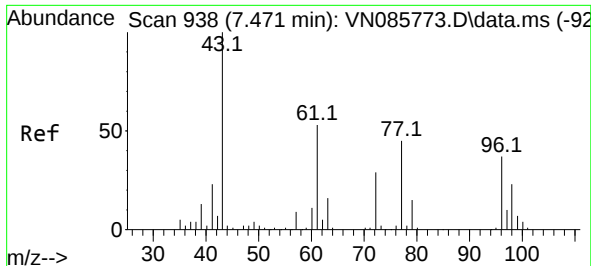
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#24
 1,1-Dichloroethane
 Concen: 0.970 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085777.D
 Acq: 18 Feb 2025 13:07

Tgt Ion: 63 Resp: 5881
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.4 7.2#





#25

2-Butanone

Concen: 4.630 ug/l

RT: 7.482 min Scan# 940

Delta R.T. 0.012 min

Lab File: VN085777.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 7658

Ion Ratio Lower Upper

43 100

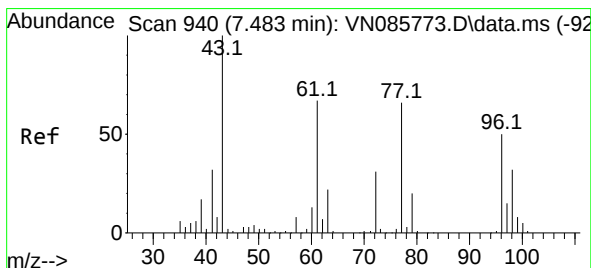
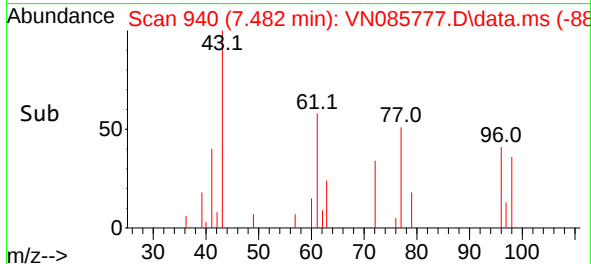
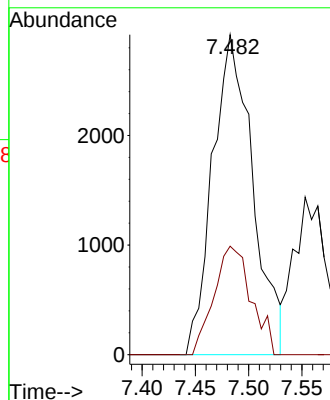
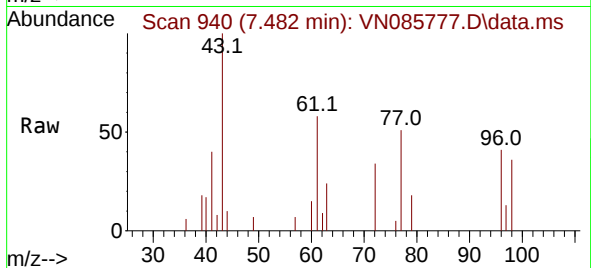
72 33.9 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#26

2,2-Dichloropropane

Concen: 0.959 ug/l m

RT: 7.477 min Scan# 939

Delta R.T. -0.006 min

Lab File: VN085777.D

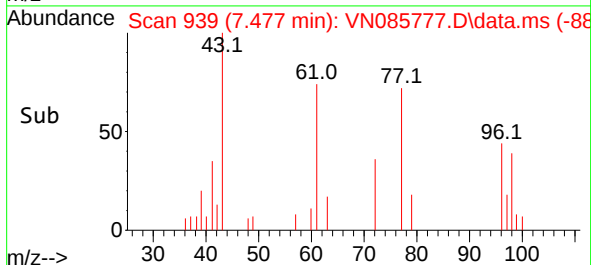
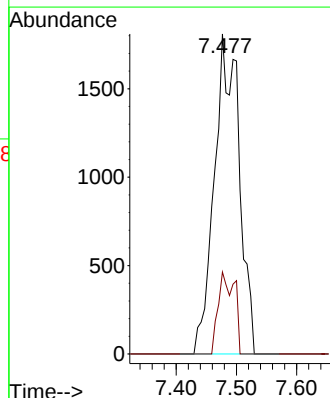
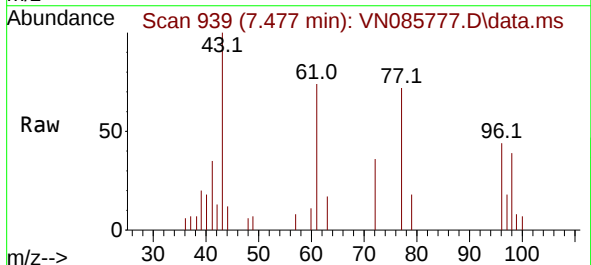
Acq: 18 Feb 2025 13:07

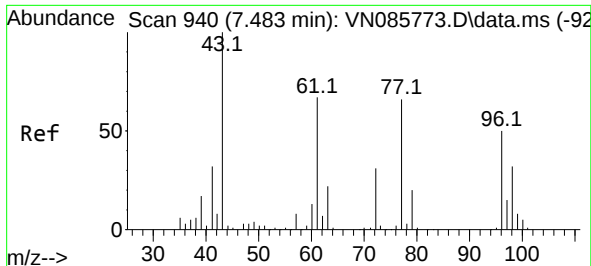
Tgt Ion: 77 Resp: 5170

Ion Ratio Lower Upper

77 100

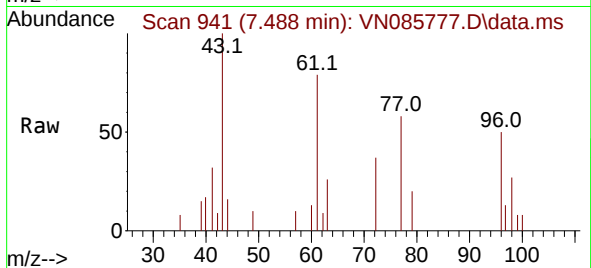
97 16.8 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 0.944 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085777.D
 Acq: 18 Feb 2025 13:07

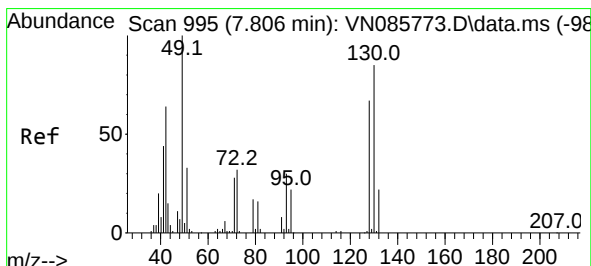
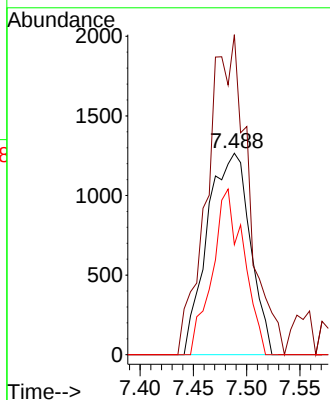
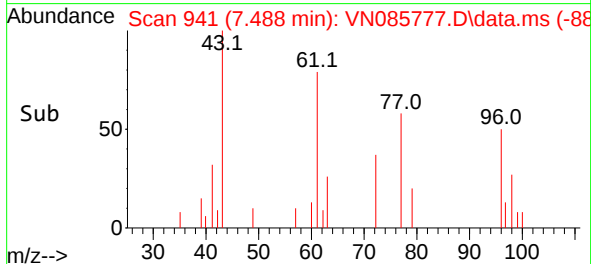
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 96 Resp: 354
 Ion Ratio Lower Upper
 96 100
 61 151.4 0.0 280.6
 98 60.5 0.0 128.6

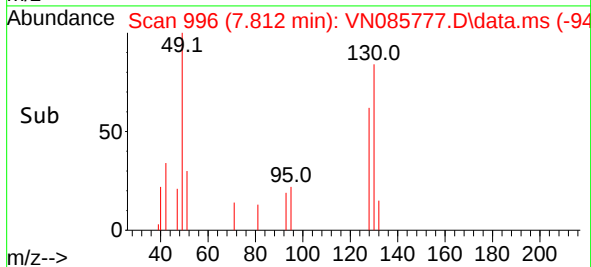
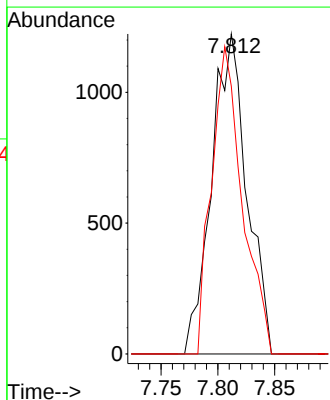
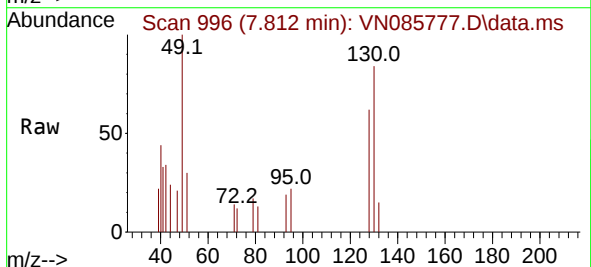
Manual Integrations
 APPROVED

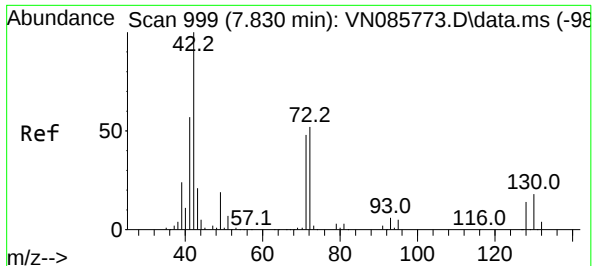
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#28
 Bromochloromethane
 Concen: 1.063 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085777.D
 Acq: 18 Feb 2025 13:07

Tgt Ion: 49 Resp: 2649
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 83.6 68.0 102.0





#29

Tetrahydrofuran

Concen: 4.276 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VN085777.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

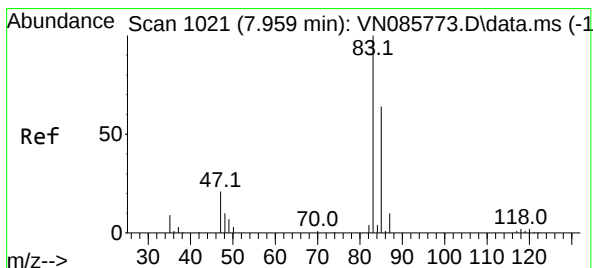
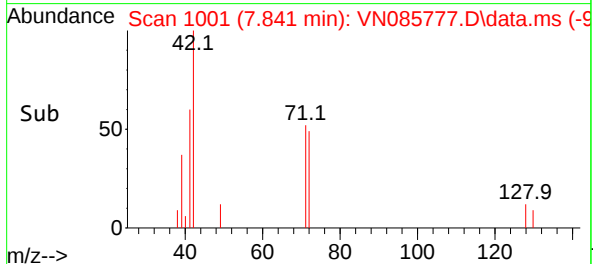
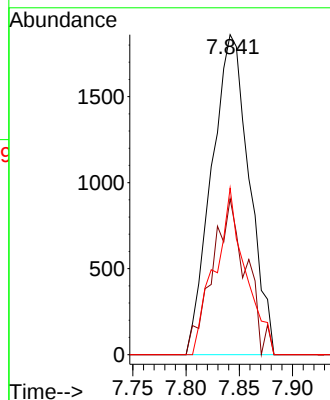
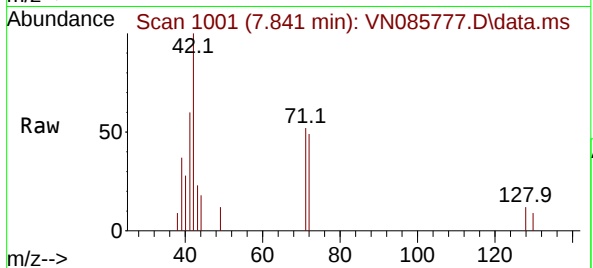
Tgt Ion: 42	Resp: 456
Ion Ratio	Lower Upper
42 100	
72 44.3	40.0 60.0
71 42.4	37.0 55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#30

Chloroform

Concen: 1.013 ug/l

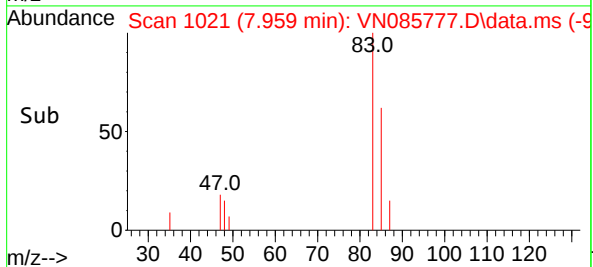
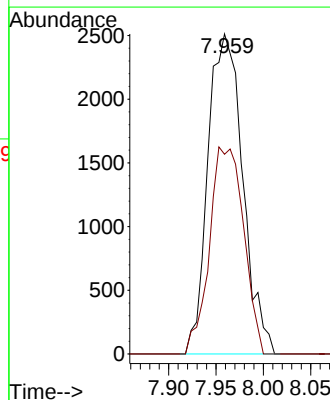
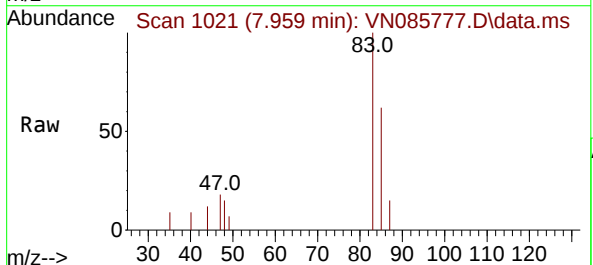
RT: 7.959 min Scan# 1021

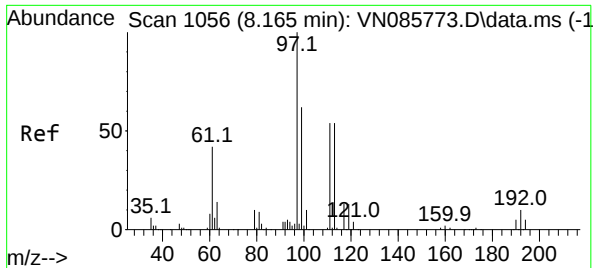
Delta R.T. -0.000 min

Lab File: VN085777.D

Acq: 18 Feb 2025 13:07

Tgt Ion: 83	Resp: 6416
Ion Ratio	Lower Upper
83 100	
85 62.4	50.9 76.3





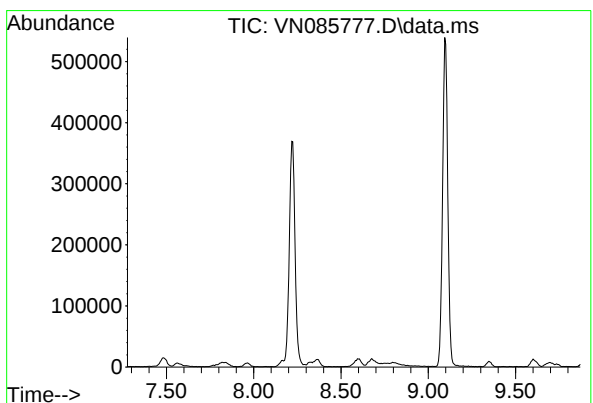
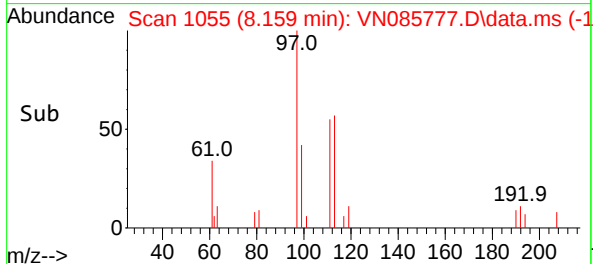
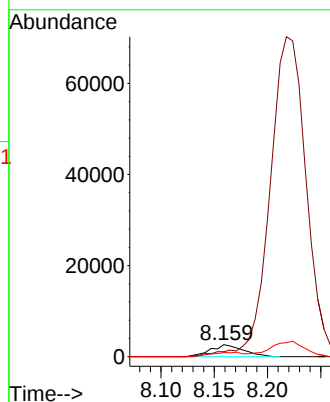
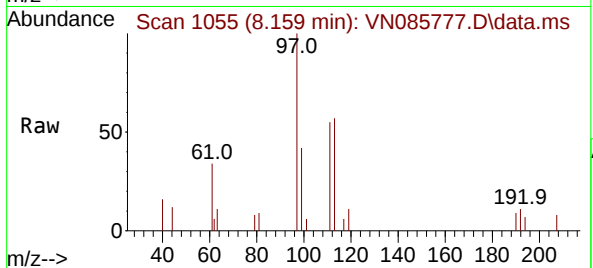
#32
1,1,1-Trichloroethane
Concen: 1.002 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 97 Resp: 564
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6
61 36.6 35.5 53.3

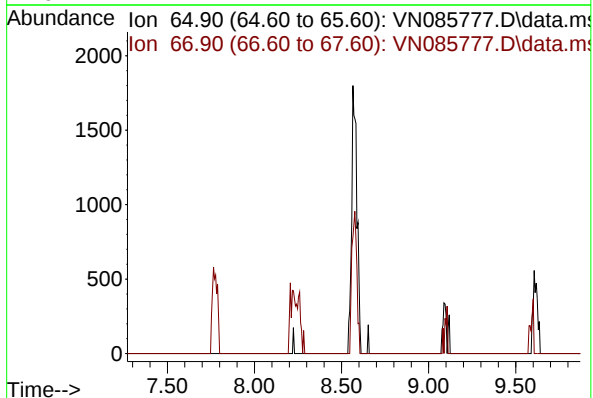
Manual Integrations
APPROVED

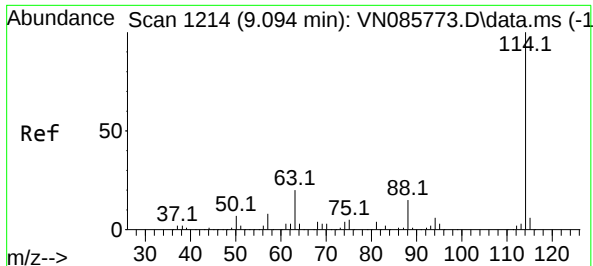
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.57 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 65
Sig Exp Ratio
65 100
67 53.1





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085777.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 47645

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

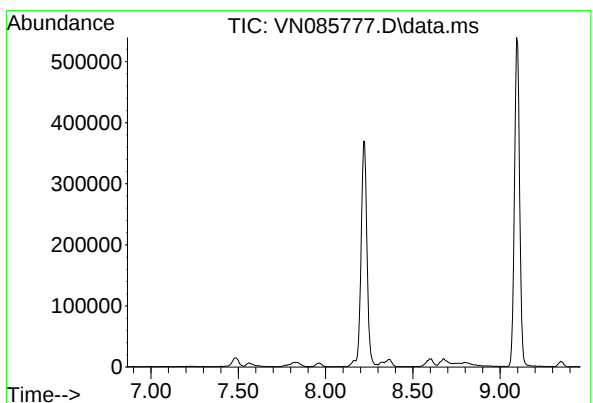
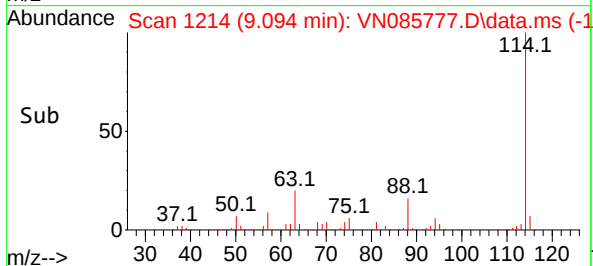
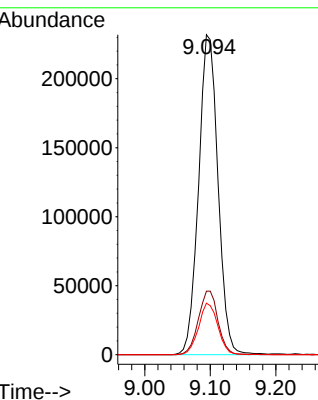
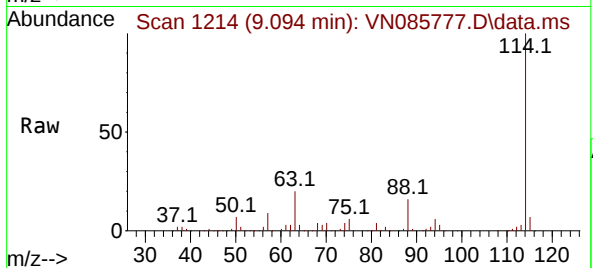
88 16.1 0.0 30.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.16 min

Lab File: VN085777.D

Acq: 18 Feb 2025 13:07

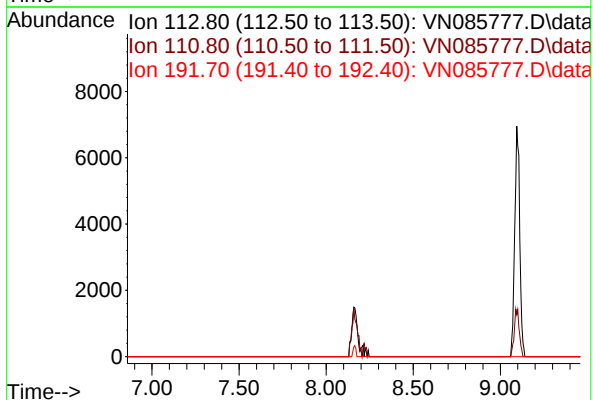
Tgt Ion: 113

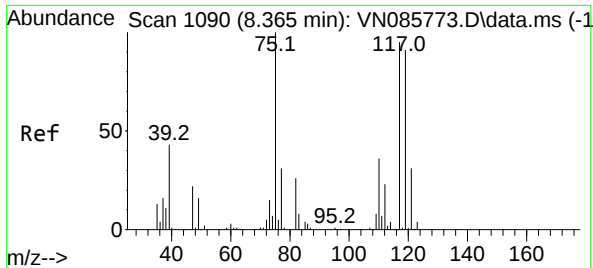
Sig Exp Ratio

113 100

111 102.8

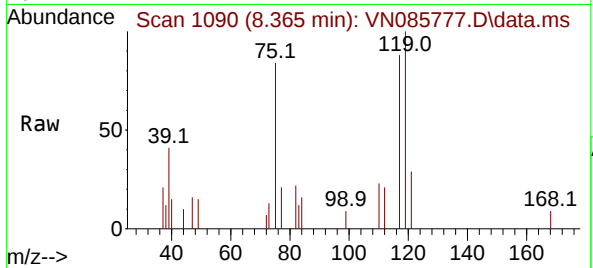
192 18.4





#36
1,1-Dichloropropene
Concen: 0.919 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

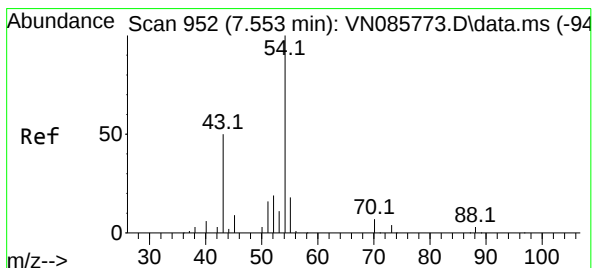
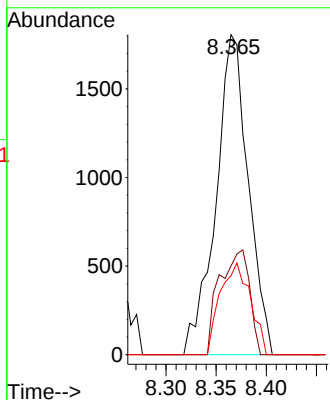
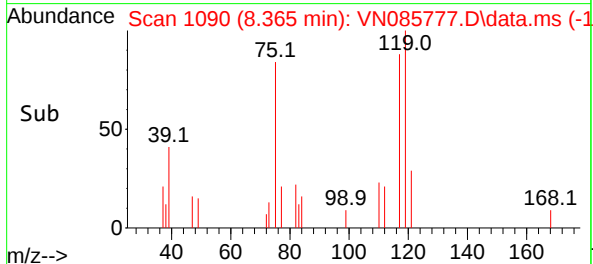
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 75 Resp: 4058
Ion Ratio Lower Upper
75 100
110 30.3 17.3 52.0
77 26.7 24.6 37.0

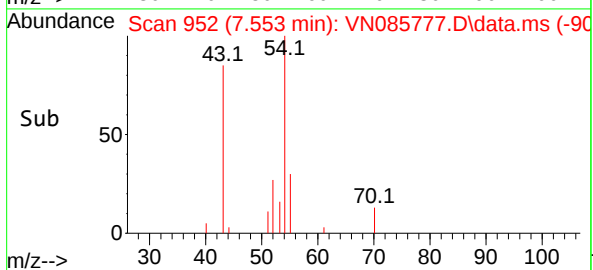
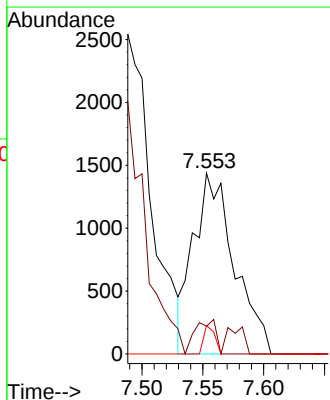
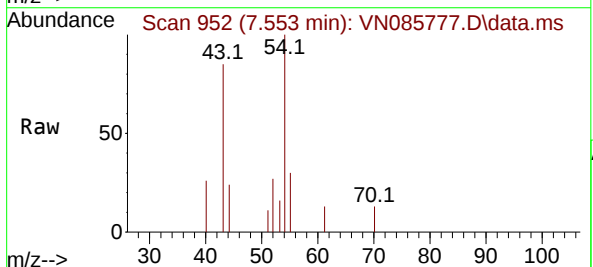
Manual Integrations
APPROVED

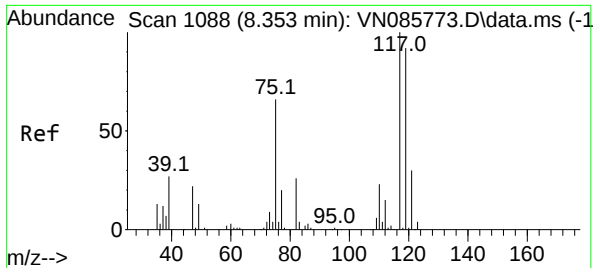
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#37
Ethyl Acetate
Concen: 0.927 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

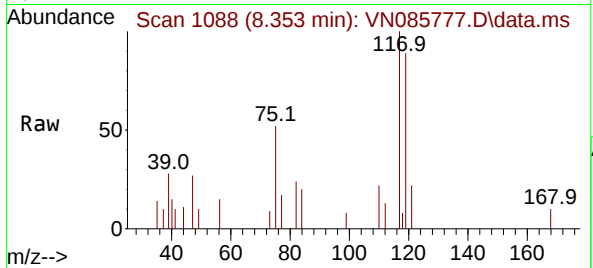
Tgt Ion: 43 Resp: 3365
Ion Ratio Lower Upper
43 100
61 9.5 12.2 18.2#
70 4.2 9.5 14.3#





#38
Carbon Tetrachloride
Concen: 0.969 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

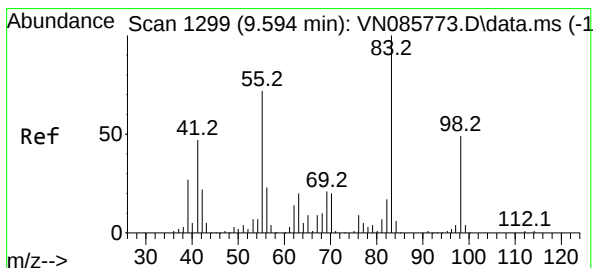
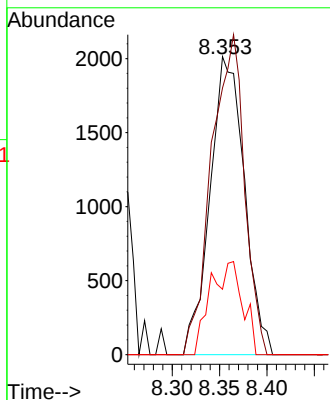
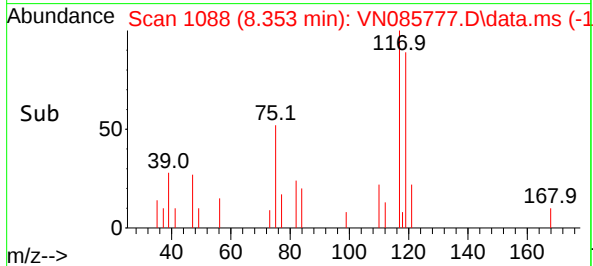
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



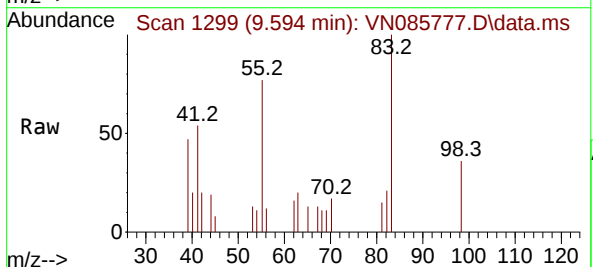
Tgt Ion:117 Resp: 5079
Ion Ratio Lower Upper
117 100
119 89.5 73.8 110.6
121 21.9 24.3 36.5

Manual Integrations
APPROVED

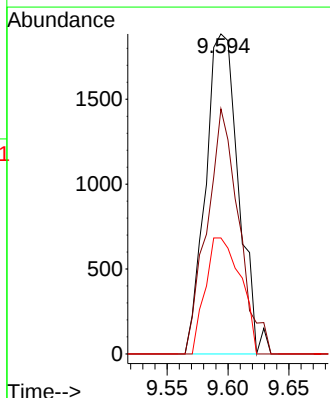
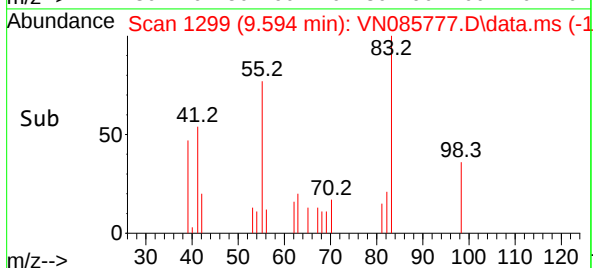
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

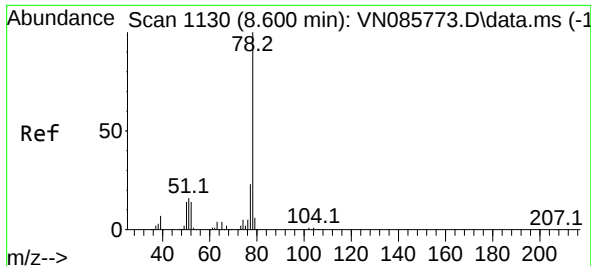


#39
Methylcyclohexane
Concen: 0.821 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07



Tgt Ion: 83 Resp: 3557
Ion Ratio Lower Upper
83 100
55 76.6 57.5 86.3
98 36.2 39.2 58.8





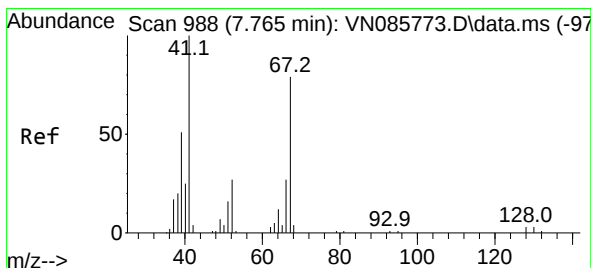
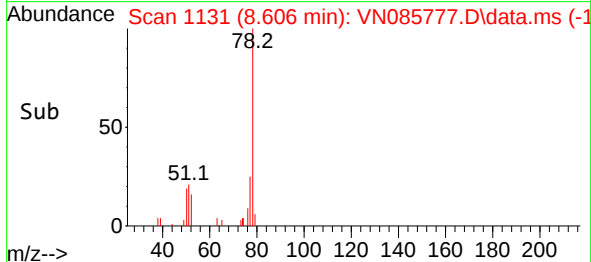
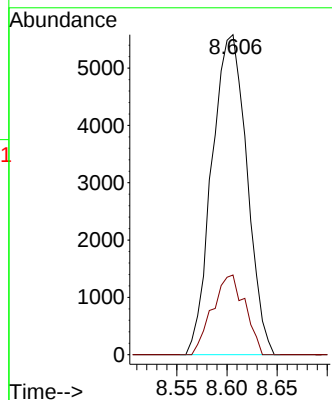
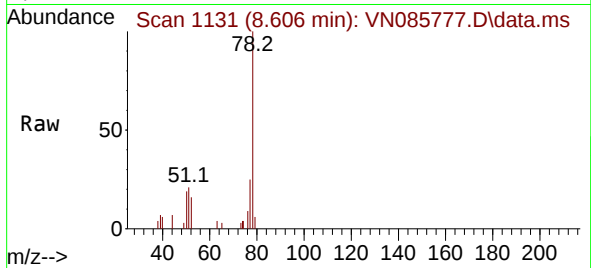
#40
Benzene
Concen: 0.957 ug/l
RT: 8.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 13536
Ion Ratio Lower Upper
78 100
77 24.9 18.3 27.5

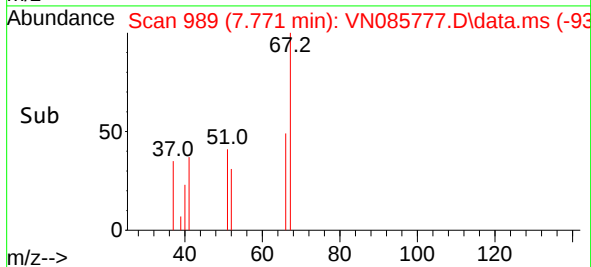
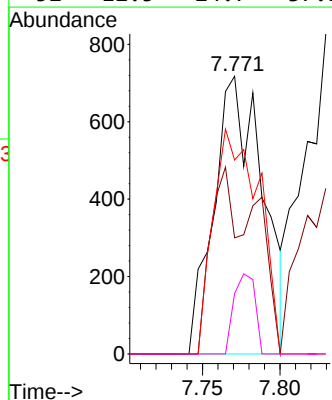
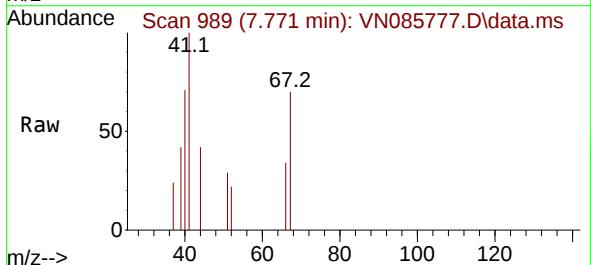
Manual Integrations
APPROVED

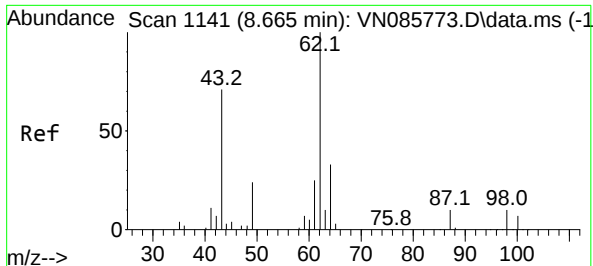
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#41
Methacrylonitrile
Concen: 0.810 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 41 Resp: 1573
Ion Ratio Lower Upper
41 100
39 39.4 42.0 63.0#
67 75.6 64.2 96.4
52 12.5 24.7 37.1#





#42

1,2-Dichloroethane

Concen: 0.976 ug/l

RT: 8.671 min Scan# 1141

Delta R.T. 0.006 min

Lab File: VN085777.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 449

Ion Ratio Lower Upper

62 100

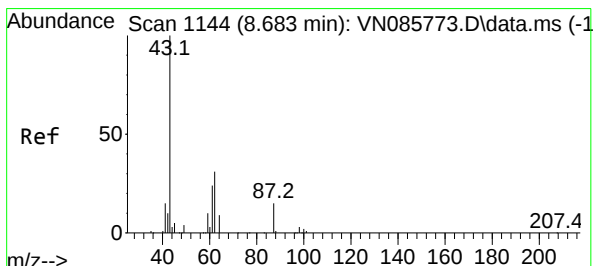
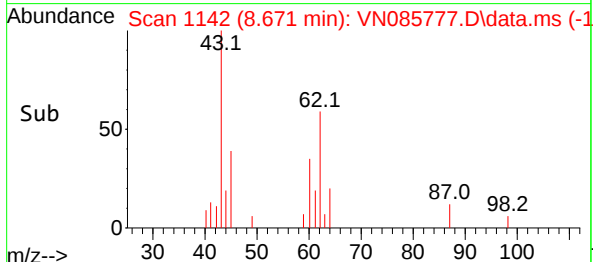
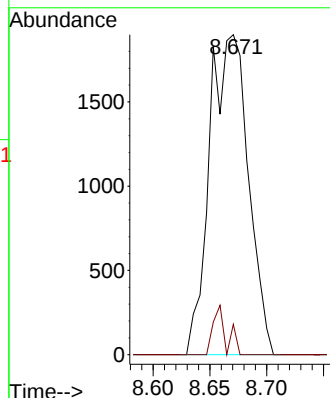
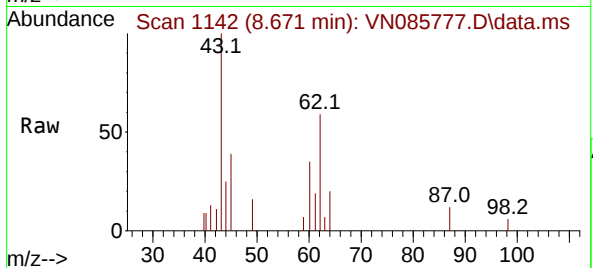
98 5.2 0.0 19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#43

Isopropyl Acetate

Concen: 1.494 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VN085777.D

Acq: 18 Feb 2025 13:07

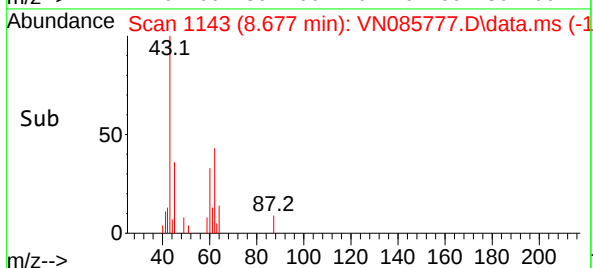
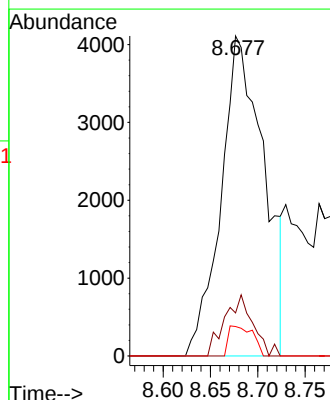
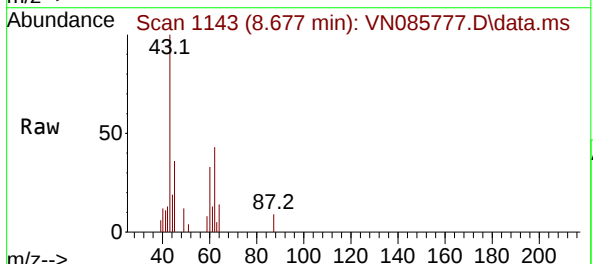
Tgt Ion: 43 Resp: 12901

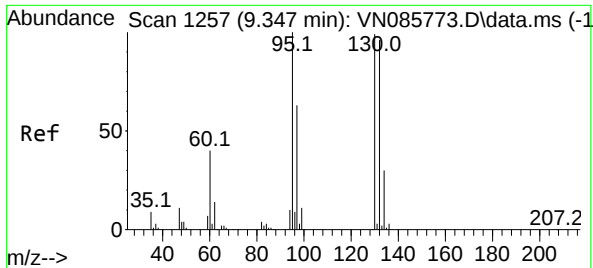
Ion Ratio Lower Upper

43 100

61 12.7 22.6 34.0#

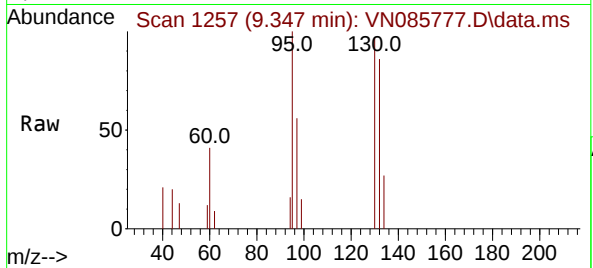
87 5.3 11.8 17.8#





#44
Trichloroethene
Concen: 1.085 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

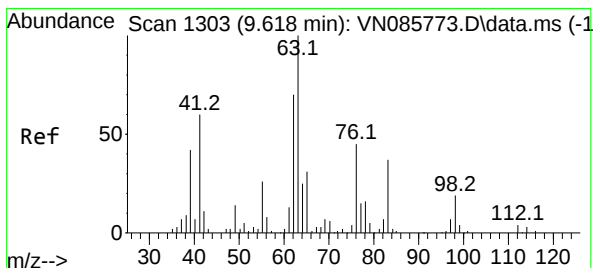
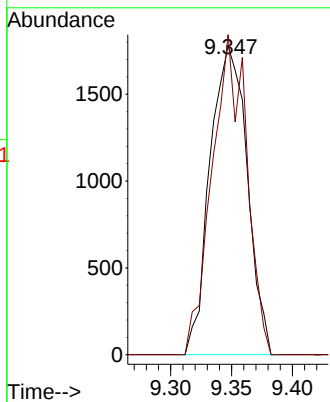
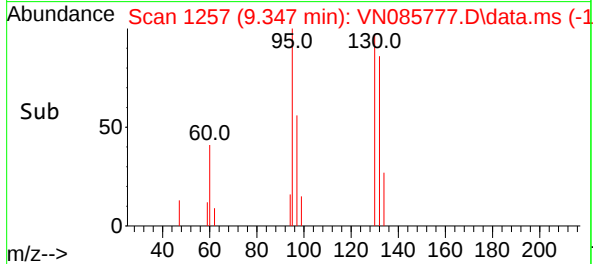
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



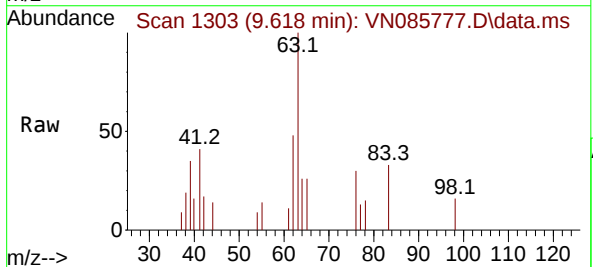
Tgt Ion:130 Resp: 3768
Ion Ratio Lower Upper
130 100
95 103.6 0.0 202.6

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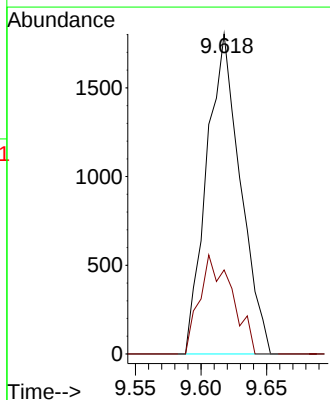
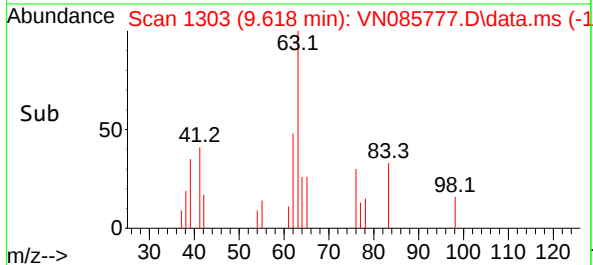
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

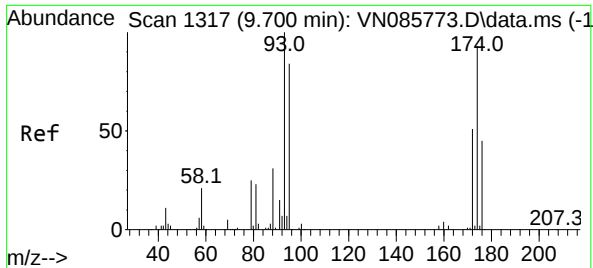


#45
1,2-Dichloropropane
Concen: 0.948 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07



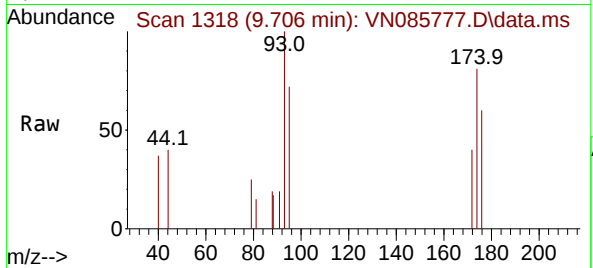
Tgt Ion: 63 Resp: 3235
Ion Ratio Lower Upper
63 100
65 26.3 25.1 37.7





#46
Dibromomethane
Concen: 0.957 ug/l
RT: 9.706 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

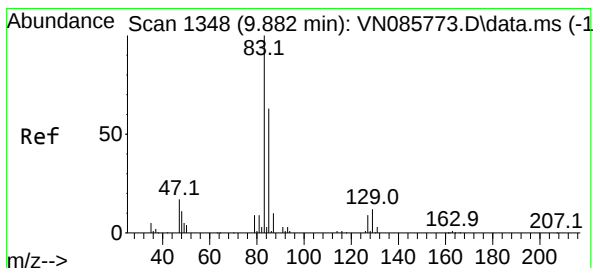
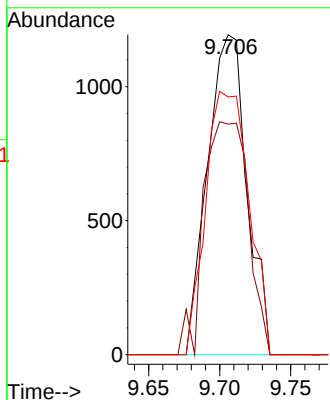
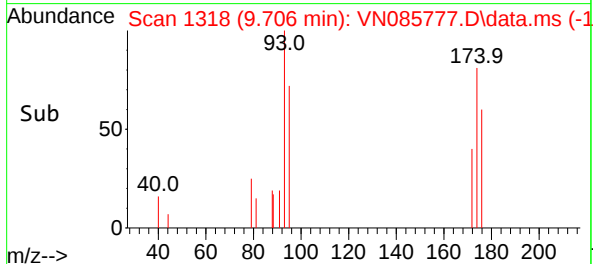
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



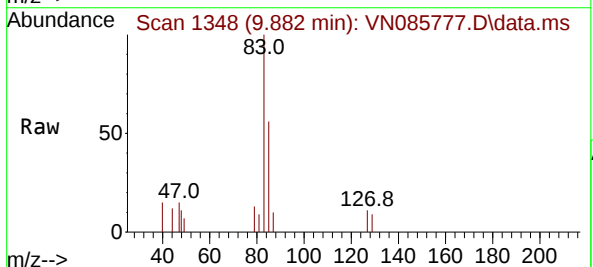
Tgt Ion: 93 Resp: 2304
Ion Ratio Lower Upper
93 100
95 82.3 66.7 100.1
174 90.5 77.2 115.8

Manual Integrations
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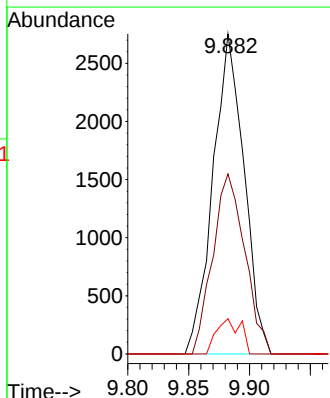
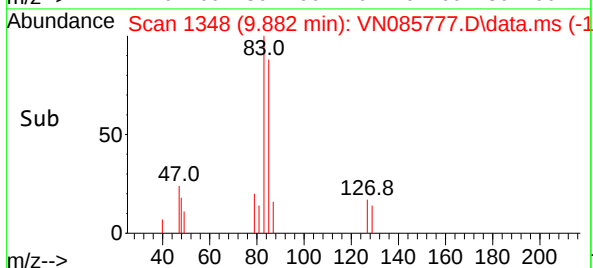
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

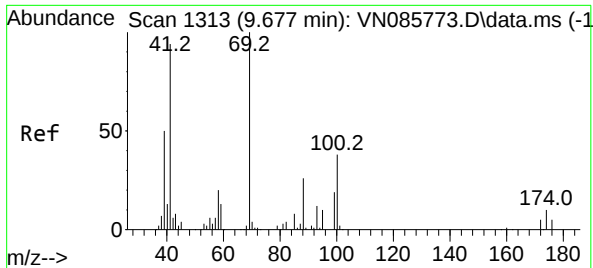


#47
Bromodichloromethane
Concen: 0.947 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07



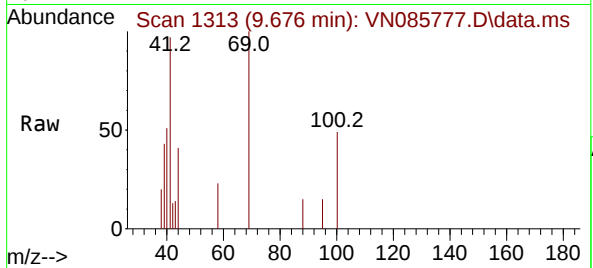
Tgt Ion: 83 Resp: 4879
Ion Ratio Lower Upper
83 100
85 56.2 50.5 75.7
127 11.0 7.2 10.8





#48
Methyl methacrylate
Concen: 0.833 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

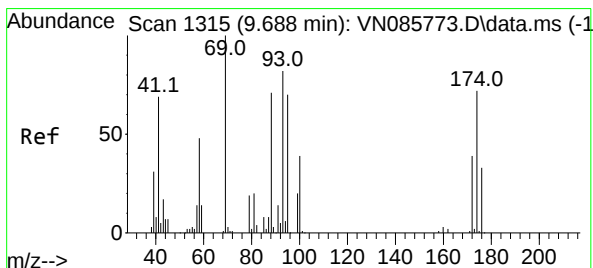
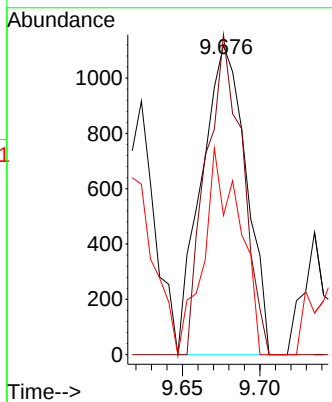
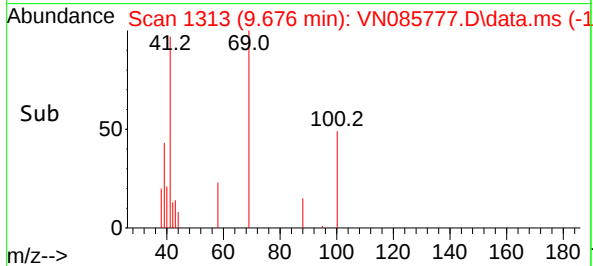
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



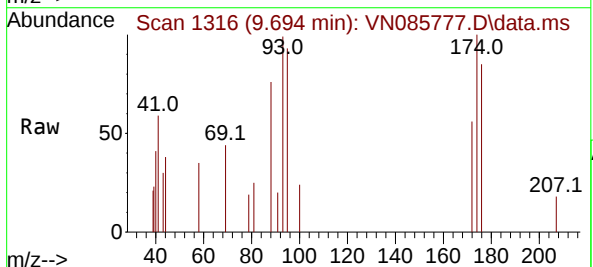
Tgt Ion: 41 Resp: 224
Ion Ratio Lower Upper
41 100
69 83.9 76.0 114.0
39 53.9 42.3 63.5

Manual Integrations
APPROVED

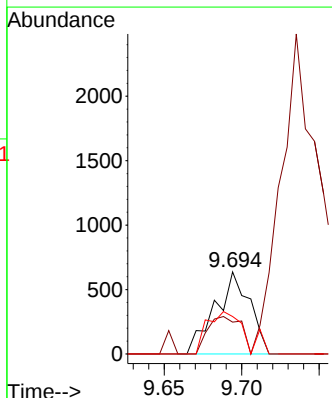
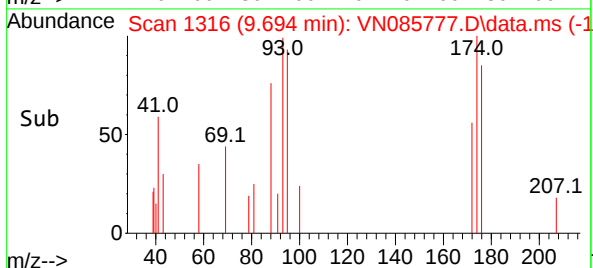
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

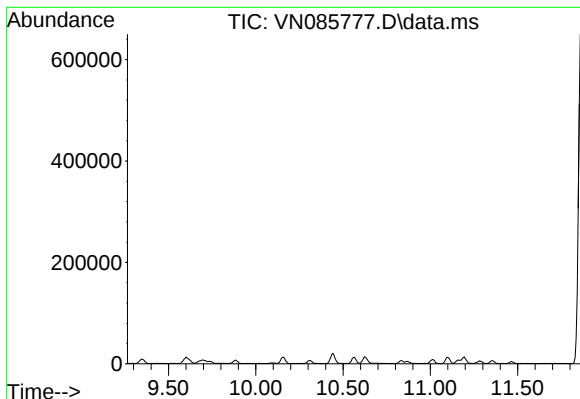


#49
1,4-Dioxane
Concen: 19.344 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07



Tgt Ion: 88 Resp: 992
Ion Ratio Lower Upper
88 100
43 43.8 18.6 27.8#
58 55.7 56.7 85.1#





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.56 min

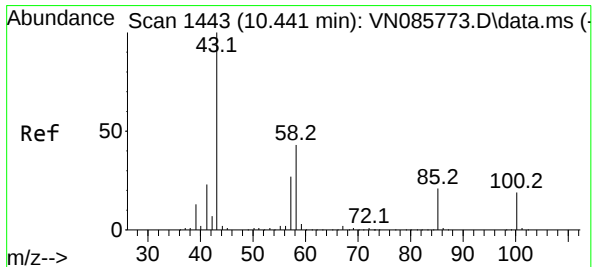
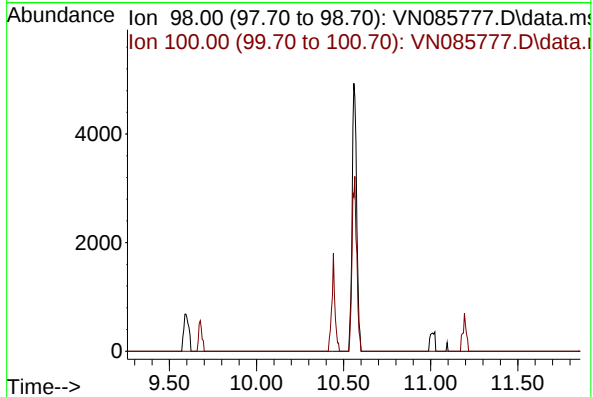
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.1

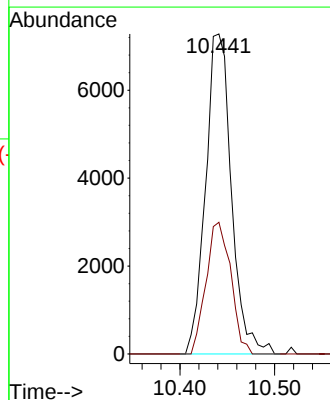
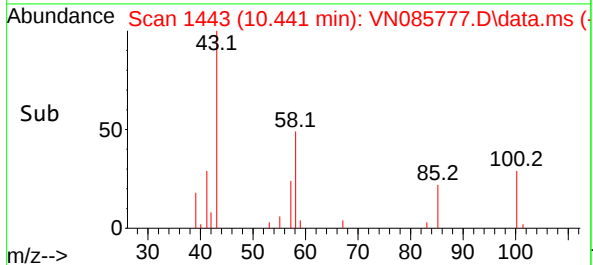
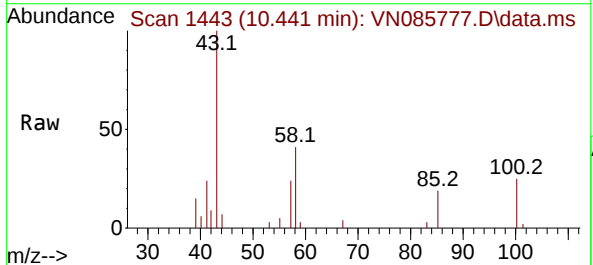
Manual Integrations
APPROVED

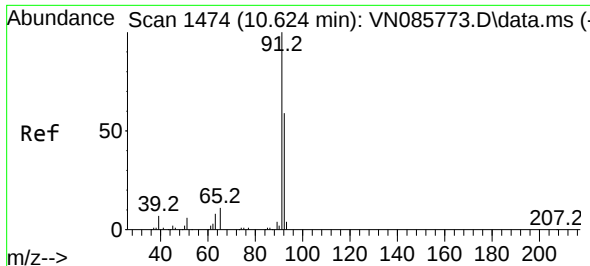
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#51
4-Methyl-2-Pentanone
Concen: 3.951 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 43 Resp: 13832
Ion Ratio Lower Upper
43 100
58 39.3 34.6 52.0





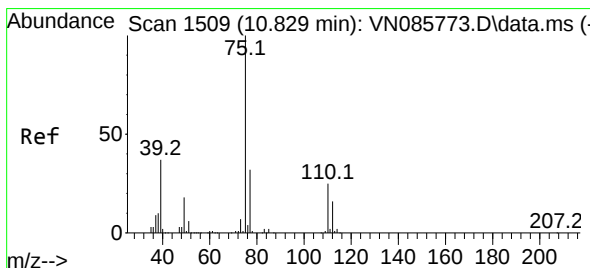
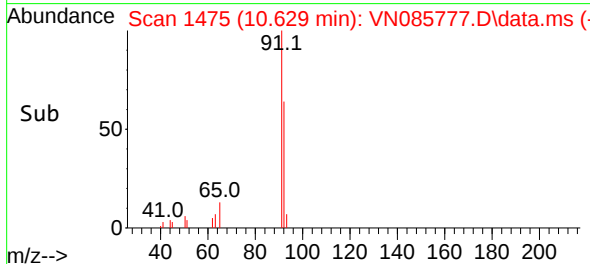
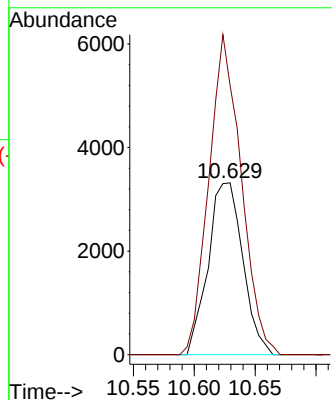
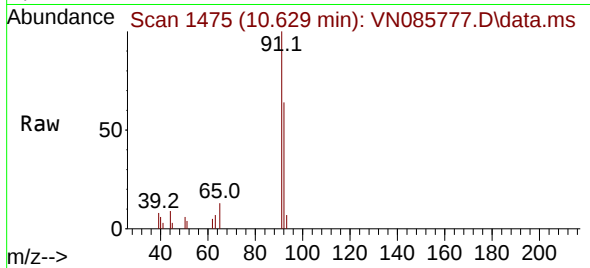
#52
Toluene
Concen: 0.792 ug/l
RT: 10.629 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 92 Resp: 6568
Ion Ratio Lower Upper
92 100
91 173.8 136.9 205.3

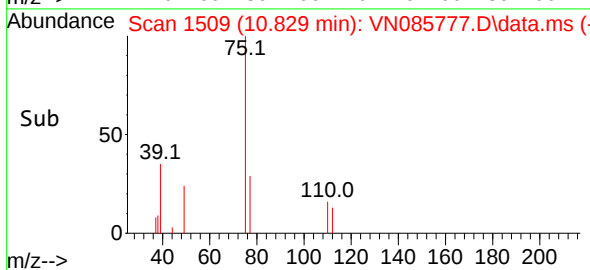
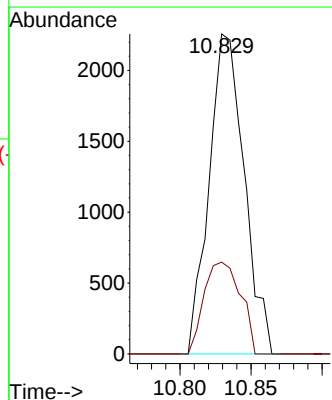
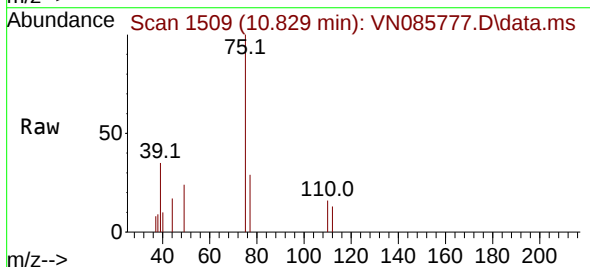
Manual Integrations
APPROVED

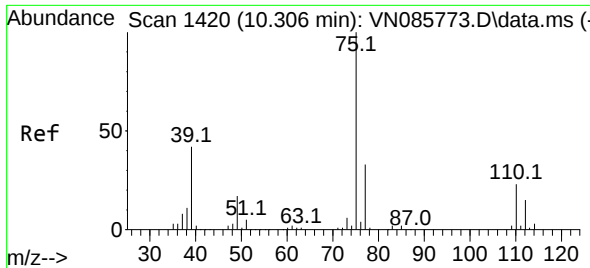
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#53
t-1,3-Dichloropropene
Concen: 0.815 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

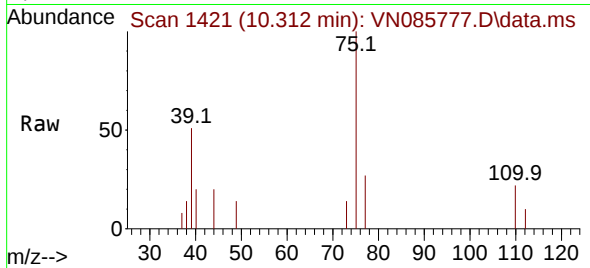
Tgt Ion: 75 Resp: 3884
Ion Ratio Lower Upper
75 100
77 28.7 25.4 38.0





#54
cis-1,3-Dichloropropene
Concen: 0.806 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

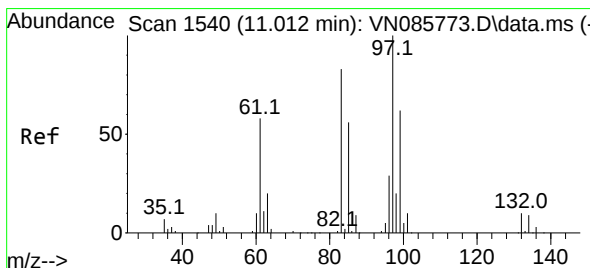
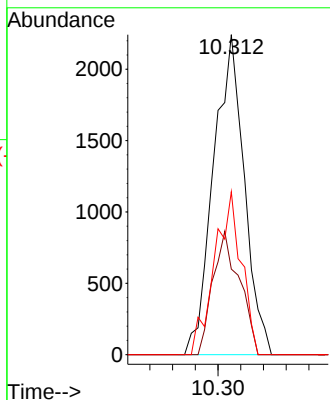
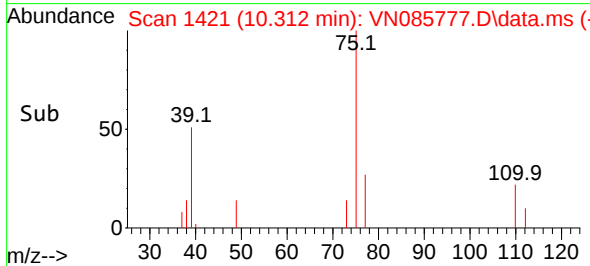
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 421
Ion Ratio Lower Upper
75 100
77 26.8 26.1 39.1
39 50.9 33.4 50.0

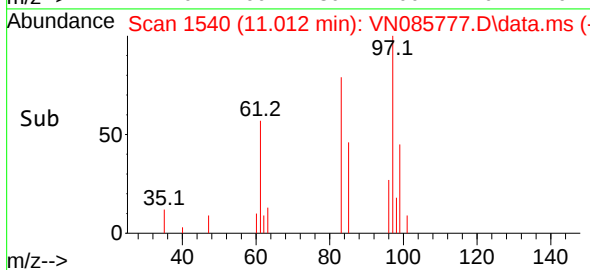
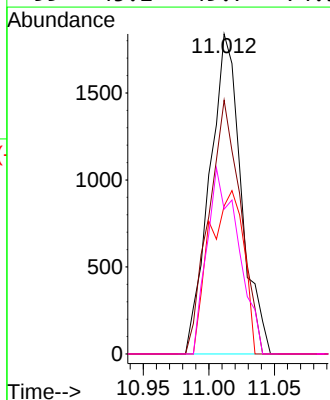
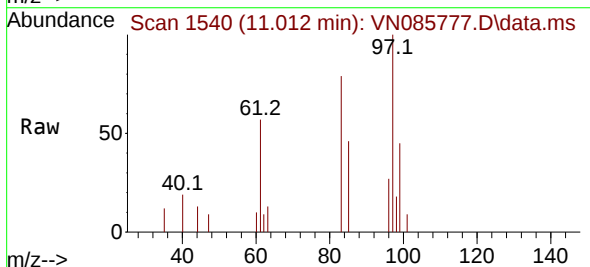
Manual Integrations
APPROVED

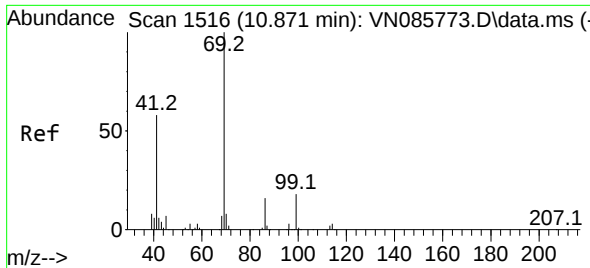
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#55
1,1,2-Trichloroethane
Concen: 0.936 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 97 Resp: 3084
Ion Ratio Lower Upper
97 100
83 79.3 66.1 99.1
85 46.3 44.7 67.1
99 45.2 49.7 74.5





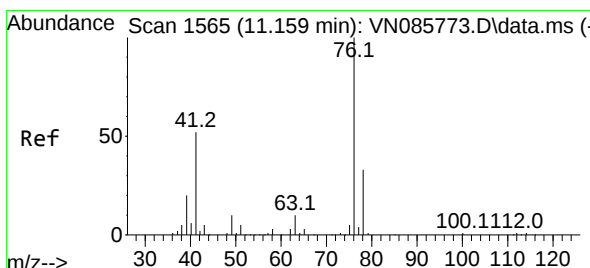
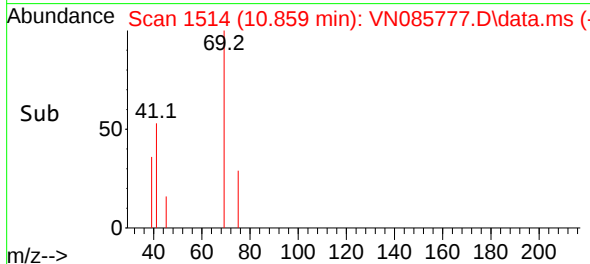
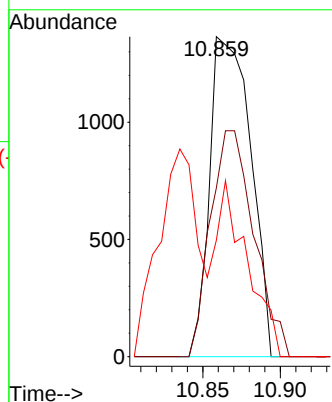
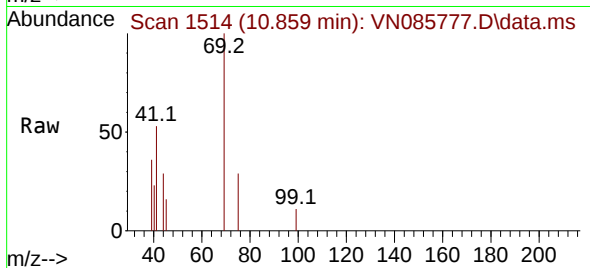
#56
Ethyl methacrylate
Concen: 1.052 ug/l
RT: 10.859 min Scan# 1516
Delta R.T. -0.012 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 69 Resp: 251
Ion Ratio Lower Upper
69 100
41 75.0 46.0 69.0
39 41.8 22.0 33.0

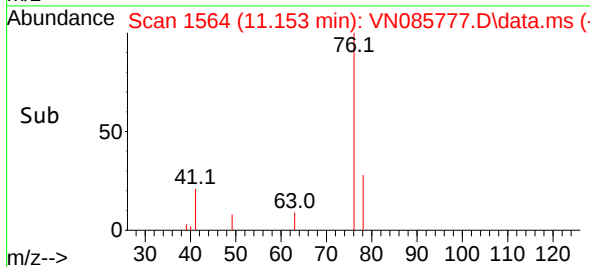
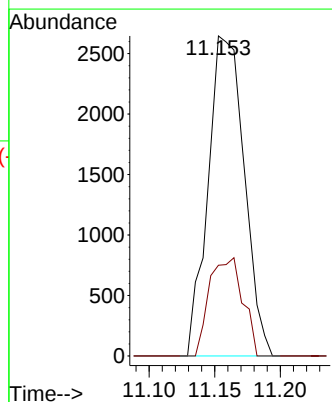
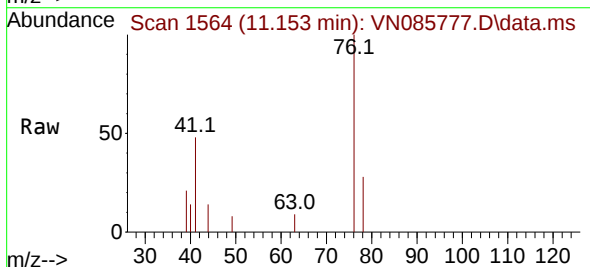
Manual Integrations
APPROVED

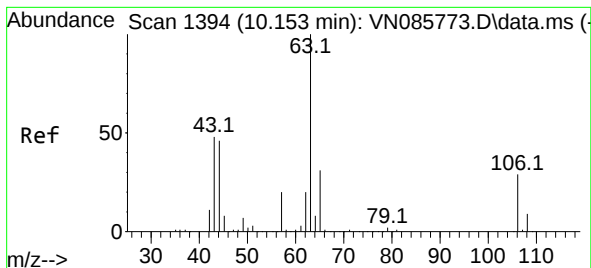
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#57
1,3-Dichloropropane
Concen: 0.923 ug/l
RT: 11.153 min Scan# 1564
Delta R.T. -0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 76 Resp: 5078
Ion Ratio Lower Upper
76 100
78 28.3 25.9 38.9





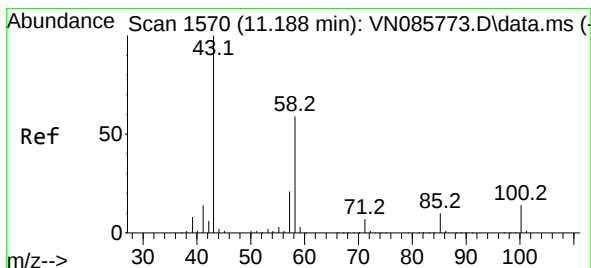
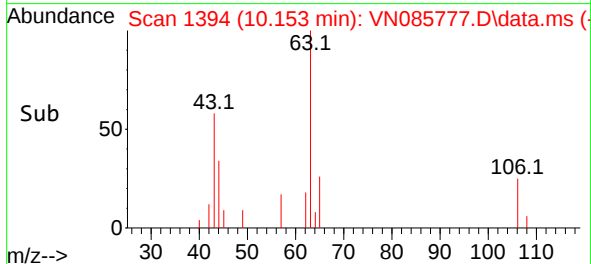
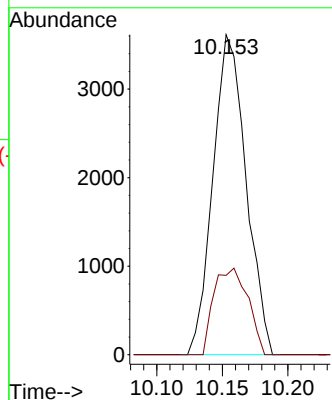
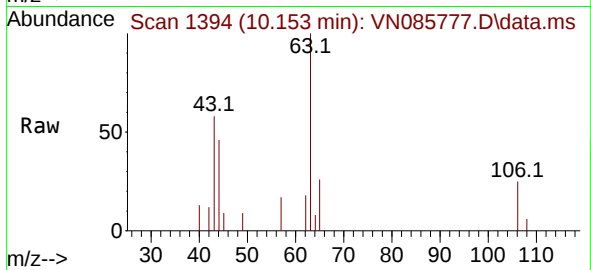
#58
2-Chloroethyl Vinyl ether
Concen: 3.424 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 635
Ion Ratio Lower Upper
63 100
106 27.8 22.7 34.1

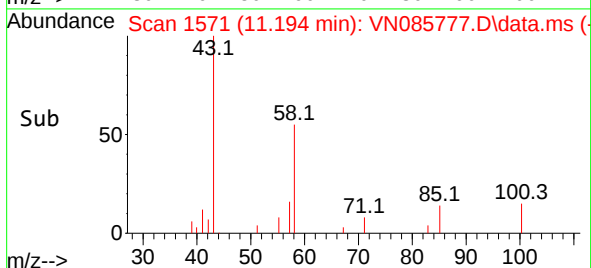
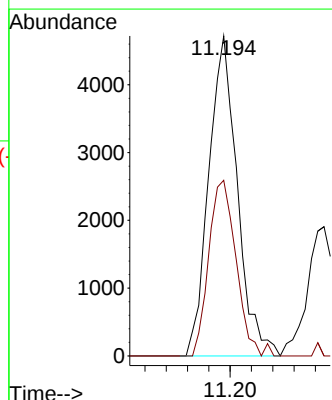
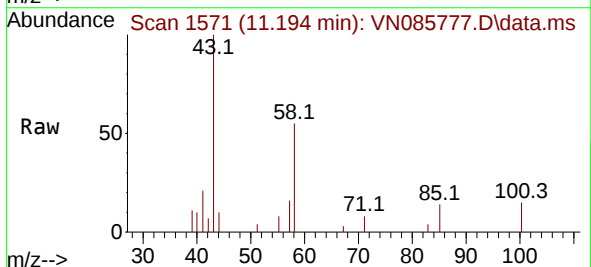
Manual Integrations
APPROVED

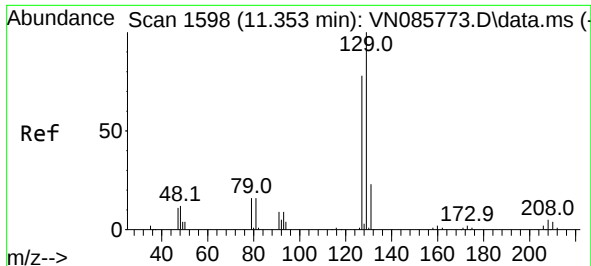
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#59
2-Hexanone
Concen: 3.646 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

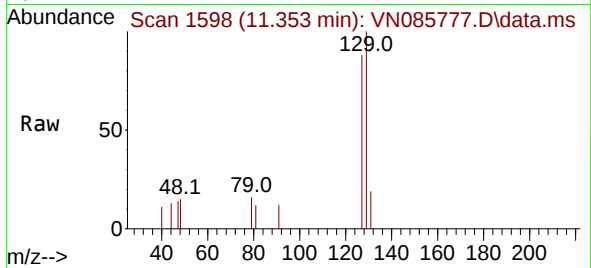
Tgt Ion: 43 Resp: 8780
Ion Ratio Lower Upper
43 100
58 52.6 29.8 89.5





#60
Dibromochloromethane
Concen: 0.881 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

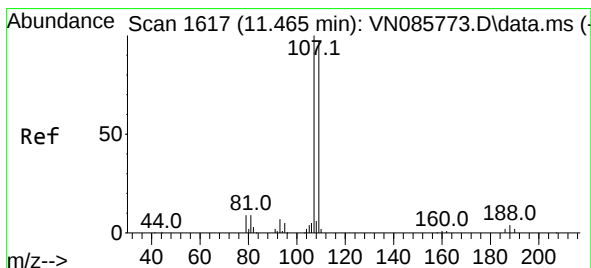
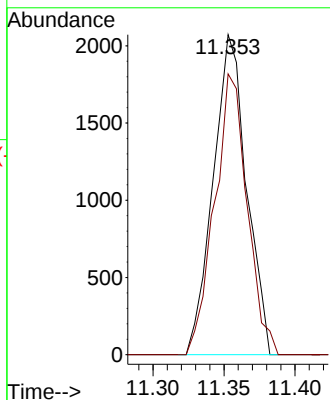
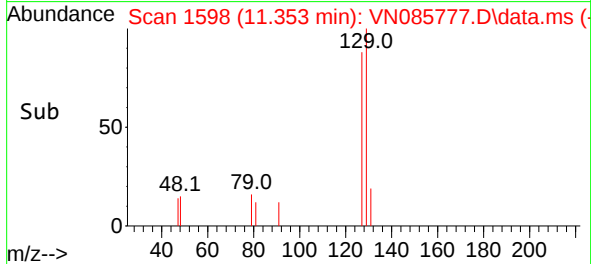
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



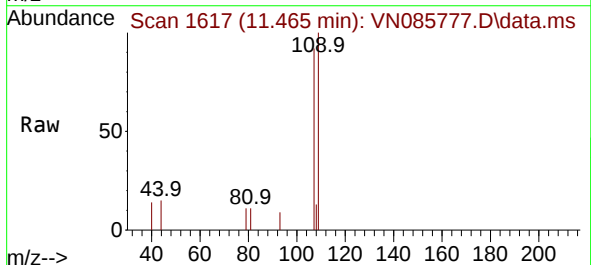
Tgt Ion:129 Resp: 3380
Ion Ratio Lower Upper
129 100
127 85.8 39.1 117.5

Manual Integrations
APPROVED

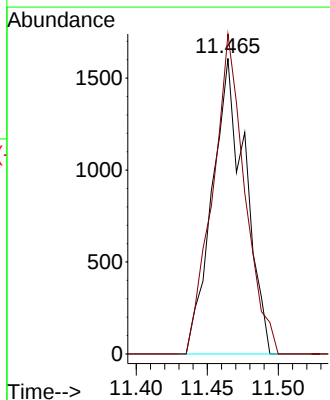
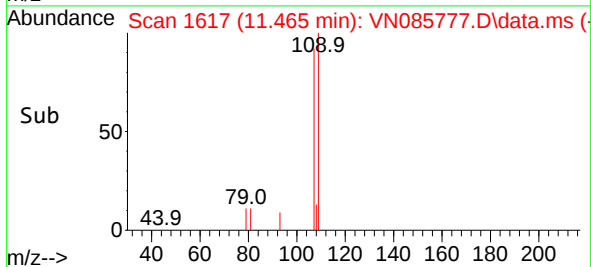
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

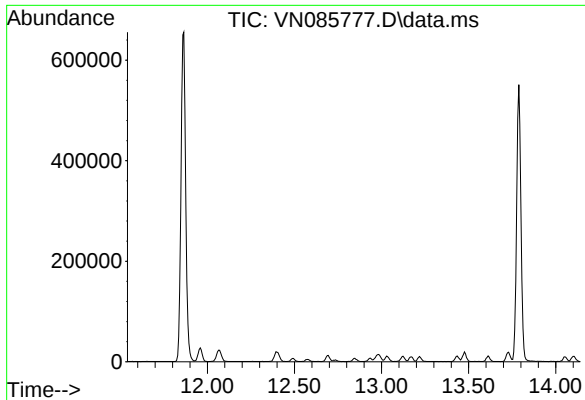


#61
1,2-Dibromoethane
Concen: 0.835 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07



Tgt Ion:107 Resp: 2599
Ion Ratio Lower Upper
107 100
109 105.4 76.0 114.0





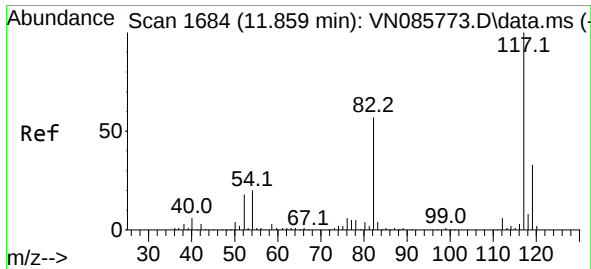
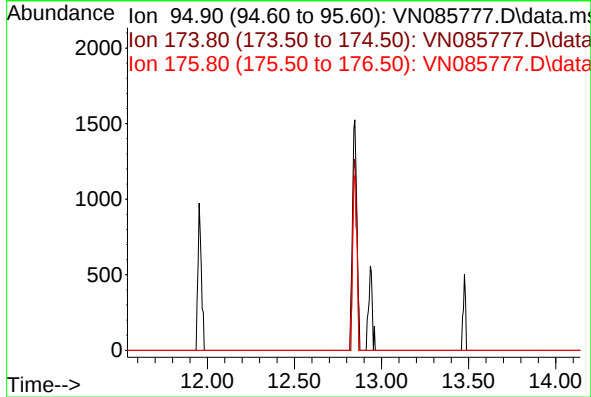
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.84 min
 Lab File: VN085777.D
 Acq: 18 Feb 2025 13:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 76.2
 176 73.3

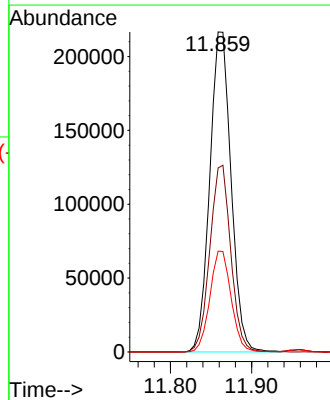
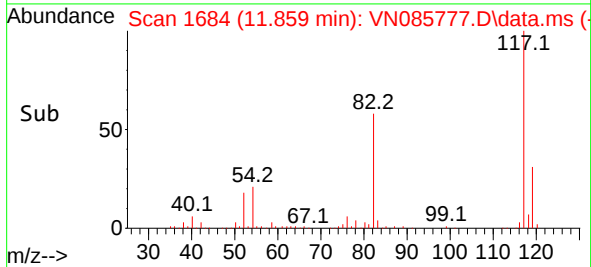
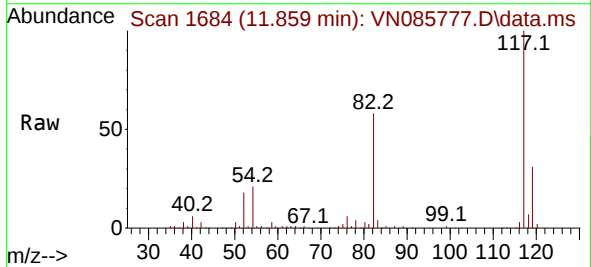
Manual Integrations
 APPROVED

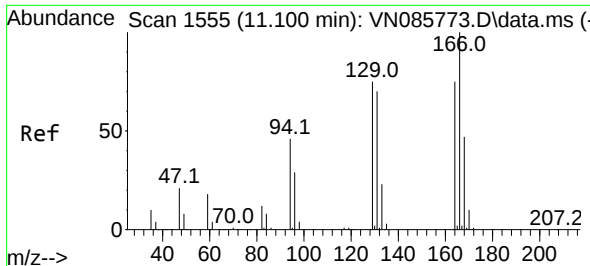
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.859 min Scan# 1684
 Delta R.T. -0.000 min
 Lab File: VN085777.D
 Acq: 18 Feb 2025 13:07

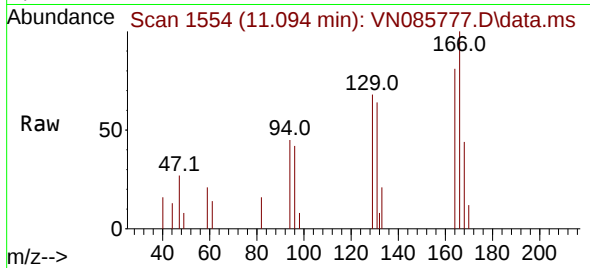
Tgt Ion:117 Resp: 394997
 Ion Ratio Lower Upper
 117 100
 82 57.5 45.7 68.5
 119 31.5 26.2 39.2





#64
Tetrachloroethene
Concen: 1.016 ug/l
RT: 11.094 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

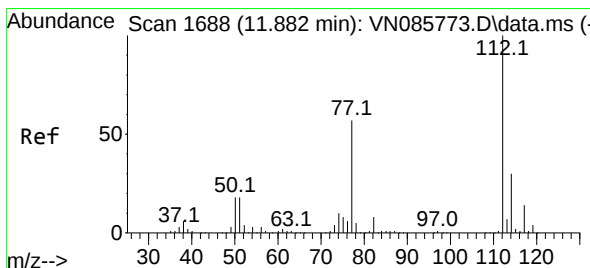
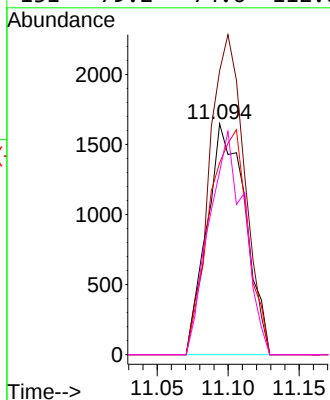
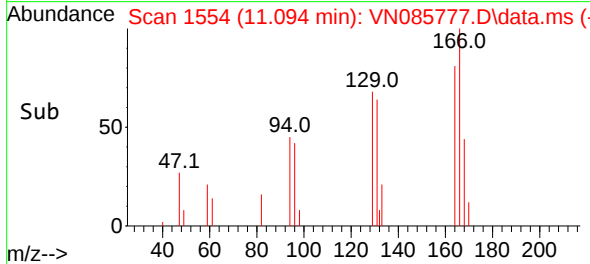
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 3108
Ion Ratio Lower Upper
164 100
166 123.0 107.2 160.8
129 83.1 80.7 121.1
131 79.2 74.6 112.0

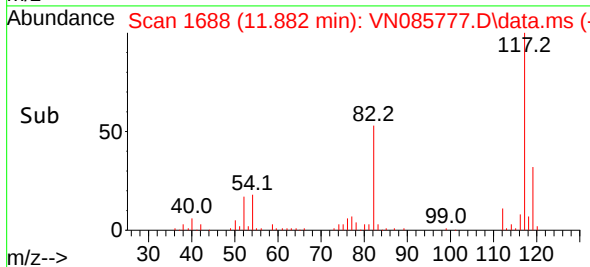
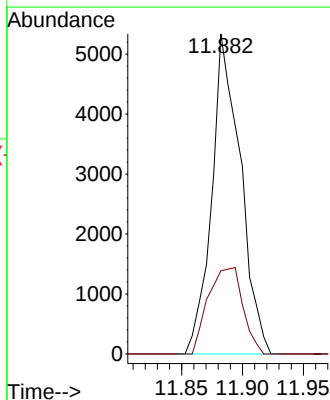
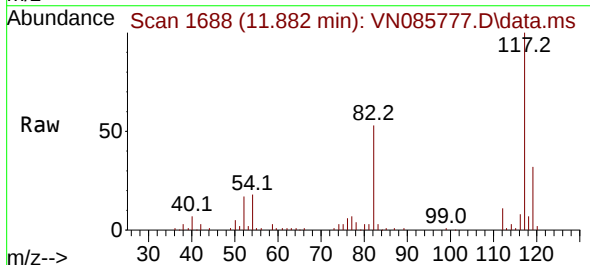
Manual Integrations
APPROVED

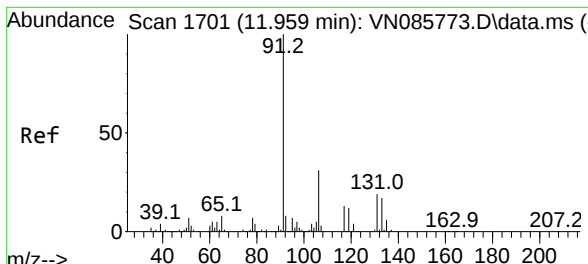
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#65
Chlorobenzene
Concen: 0.968 ug/l
RT: 11.882 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

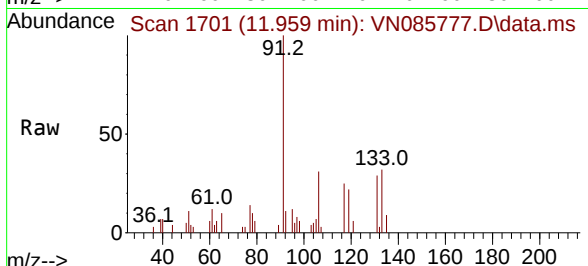
Tgt Ion:112 Resp: 8761
Ion Ratio Lower Upper
112 100
114 26.0 24.3 36.5





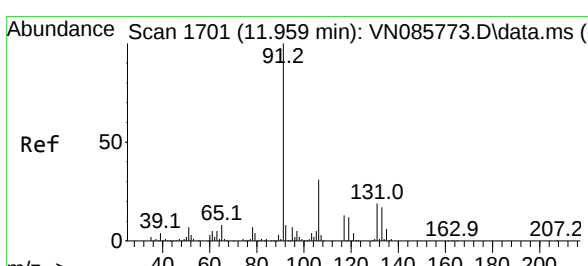
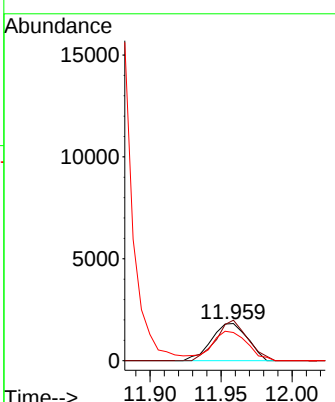
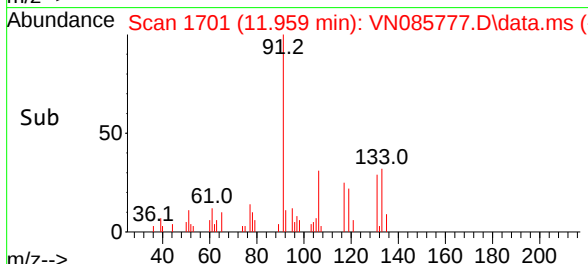
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.991 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN085777.D
 Acq: 18 Feb 2025 13:07

Instrument : MSVOA_N
 ClientSampleId : VSTDIC001

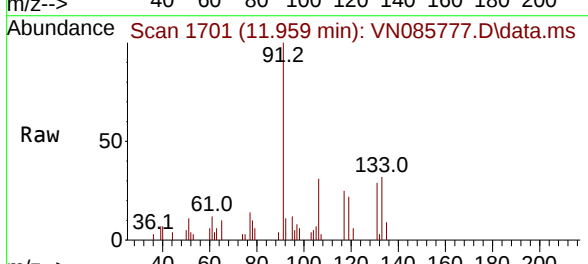


Tgt Ion:	131	Resp:	322
Ion Ratio	Lower	Upper	
131	100		
133	95.6	47.7	143.1
119	0.0	33.3	99.8

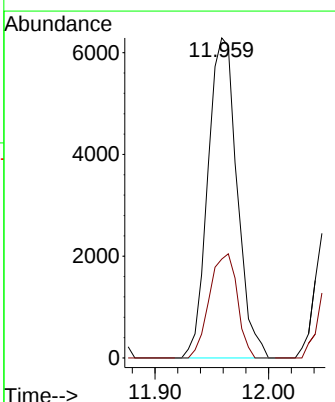
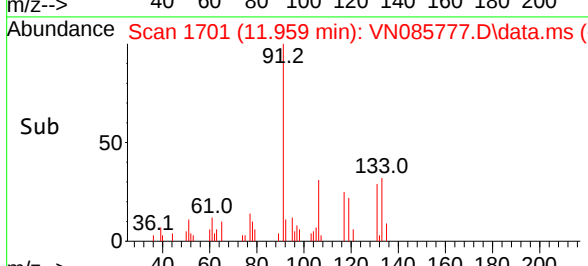
Manual Integrations
APPROVED
 Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025

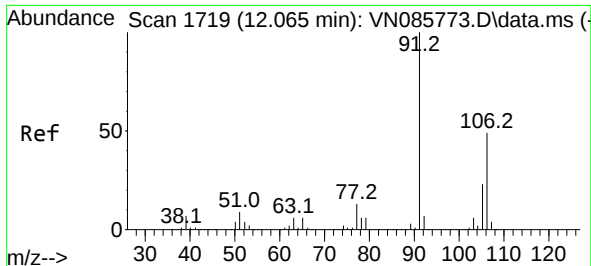


#67
 Ethyl Benzene
 Concen: 0.793 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN085777.D
 Acq: 18 Feb 2025 13:07



Tgt Ion:	91	Resp:	11246
Ion Ratio	Lower	Upper	
91	100		
106	30.9	24.7	37.1





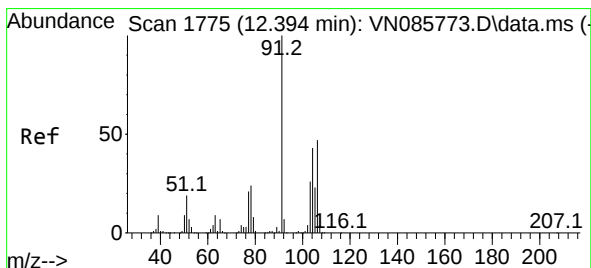
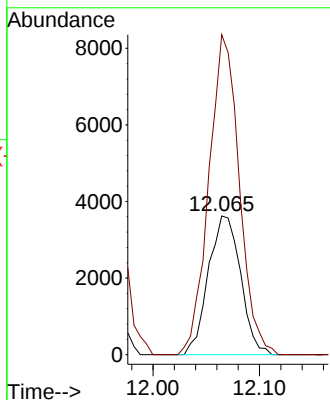
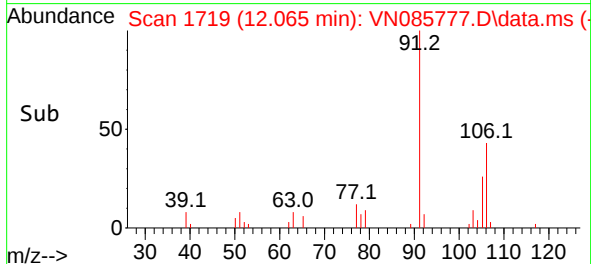
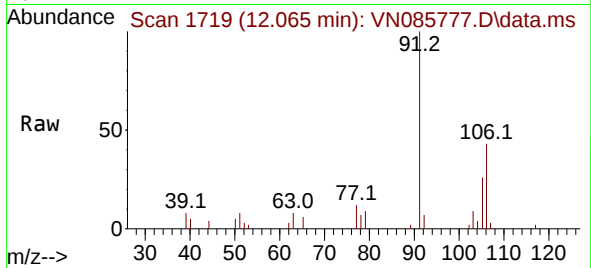
#68
m/p-Xylenes
Concen: 1.413 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 7600
Ion Ratio Lower Upper
106 100
91 218.1 163.3 244.9

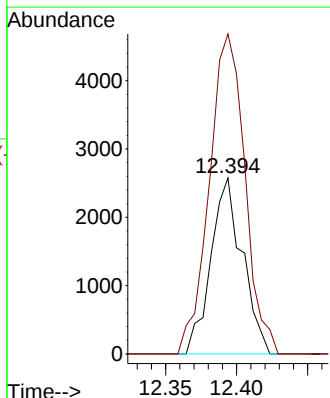
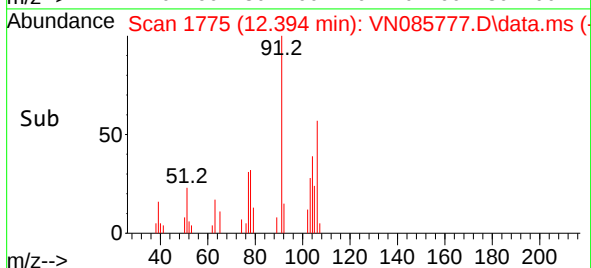
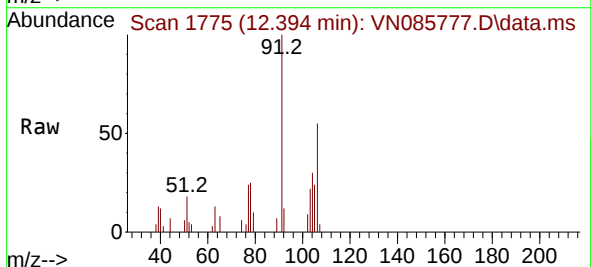
Manual Integrations
APPROVED

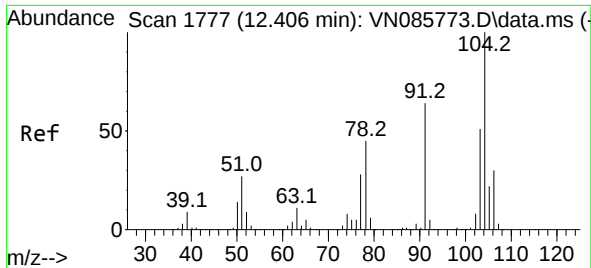
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#69
o-Xylene
Concen: 0.775 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Tgt Ion:106 Resp: 3965
Ion Ratio Lower Upper
106 100
91 206.1 107.1 321.4





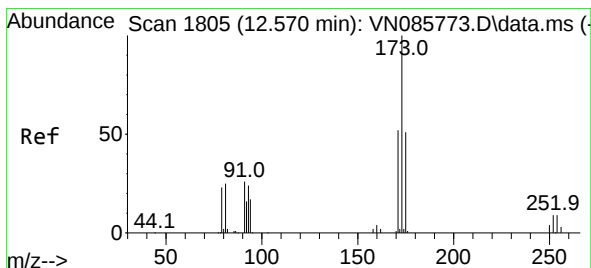
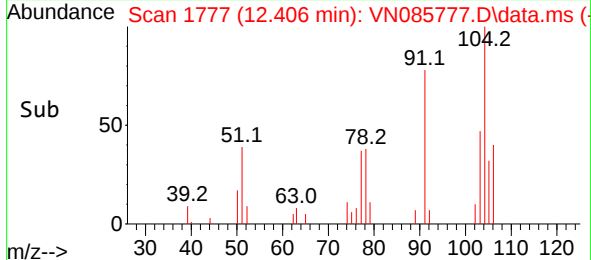
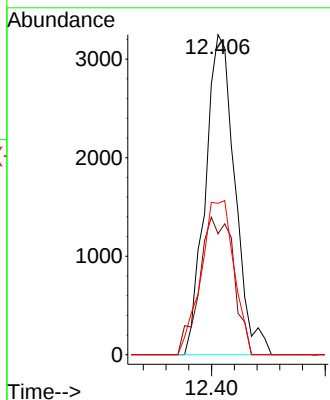
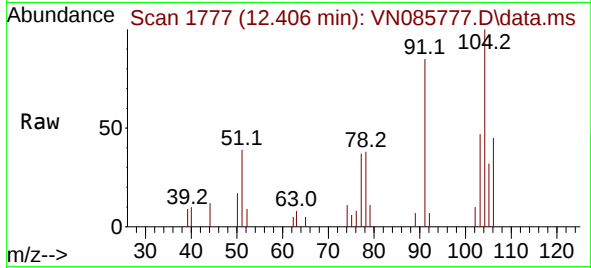
#70
Styrene
Concen: 1.257 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:104 Resp: 587
Ion Ratio Lower Upper
104 100
78 49.4 39.0 58.6
103 53.4 43.3 64.9

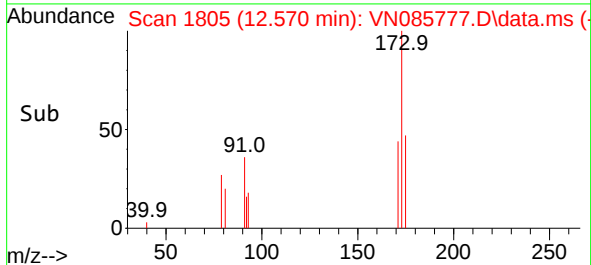
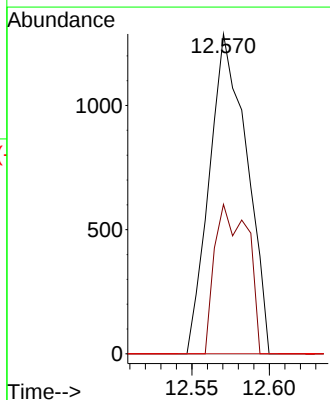
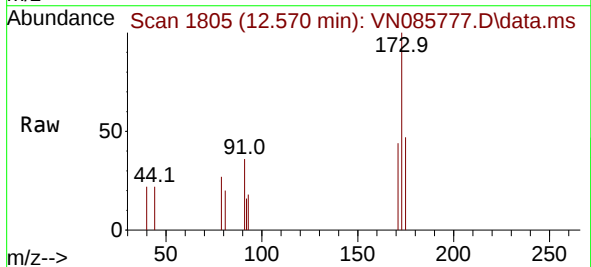
Manual Integrations
APPROVED

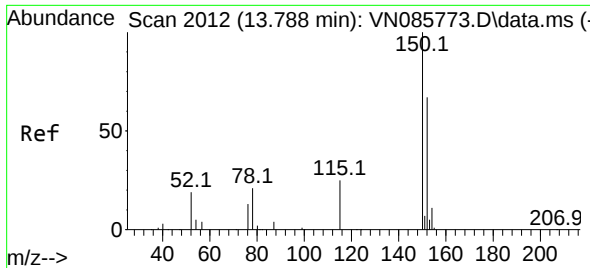
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#71
Bromoform
Concen: 0.894 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

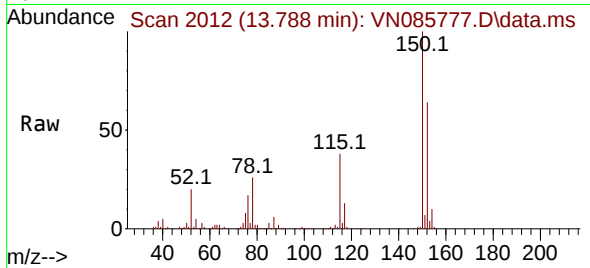
Tgt Ion:173 Resp: 2161
Ion Ratio Lower Upper
173 100
175 41.3 25.1 75.4
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

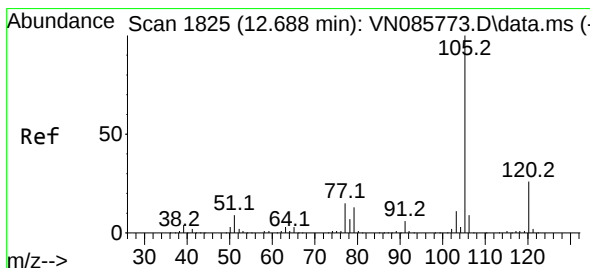
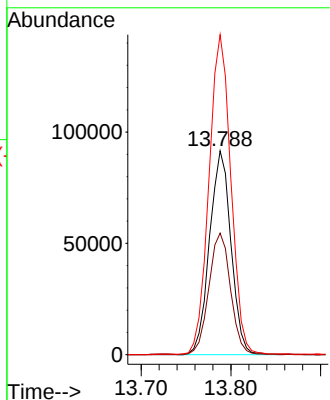
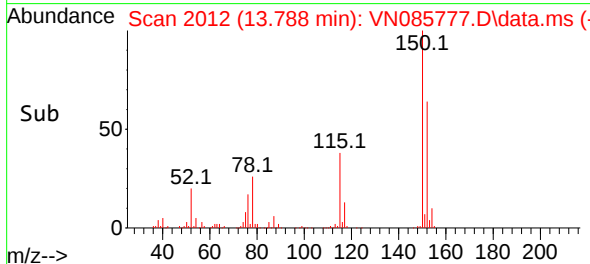
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



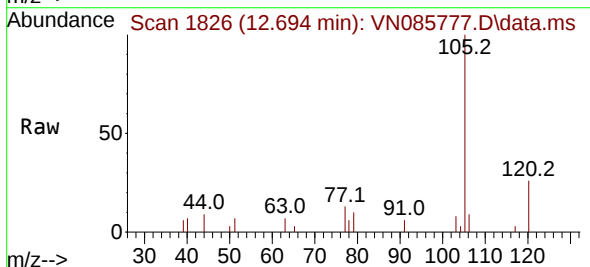
Tgt Ion:152 Resp: 152224
Ion Ratio Lower Upper
152 100
115 60.2 30.4 91.3
150 160.8 0.0 345.4

Manual Integrations
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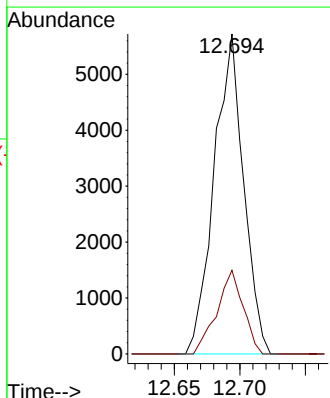
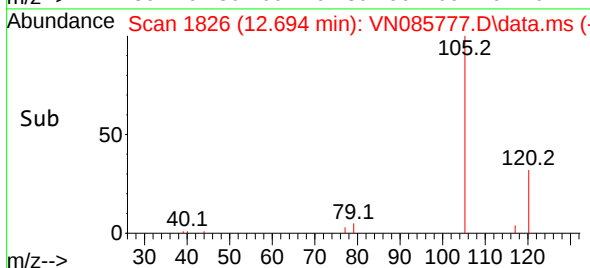
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

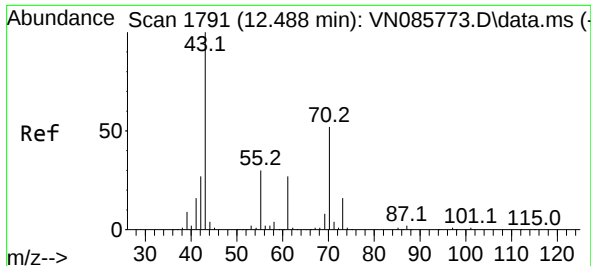


#73
Isopropylbenzene
Concen: 0.856 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07



Tgt Ion:105 Resp: 8928
Ion Ratio Lower Upper
105 100
120 23.4 13.0 39.0





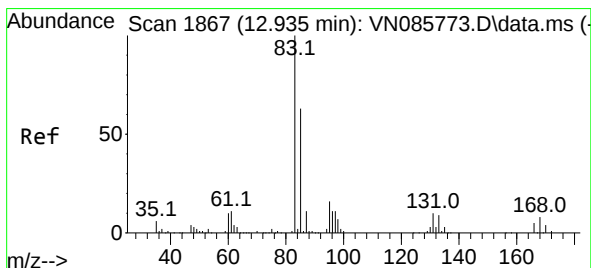
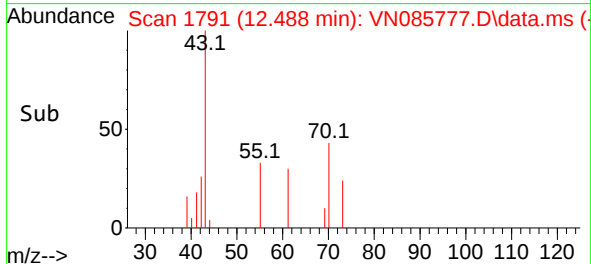
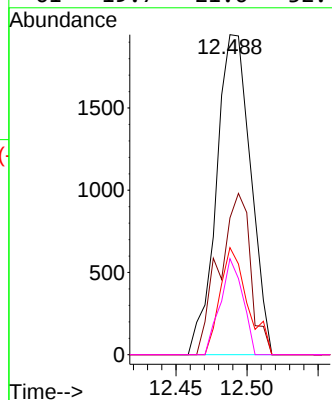
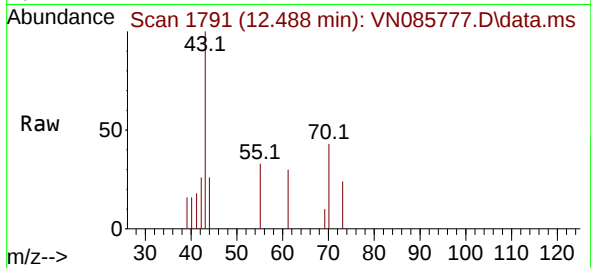
#74
N-amy1 acetate
Concen: 0.887 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 326
Ion Ratio Lower Upper
43 100
70 46.2 41.0 61.4
55 26.7 24.6 36.8
61 19.7 21.6 32.4#

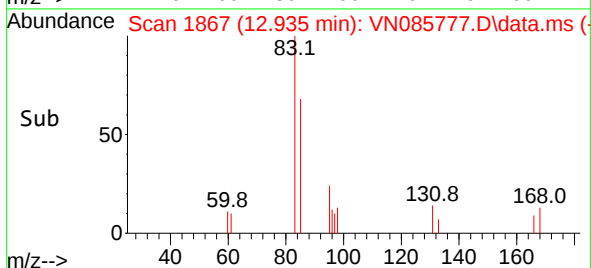
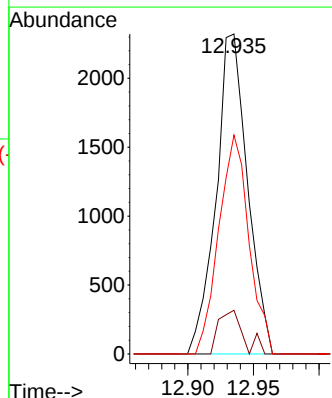
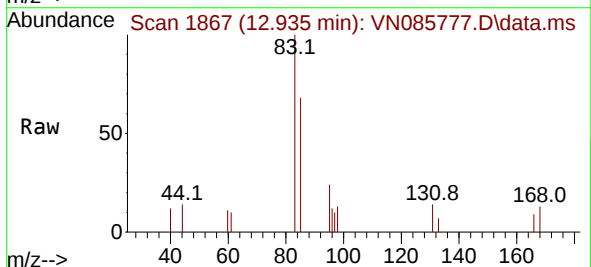
Manual Integrations
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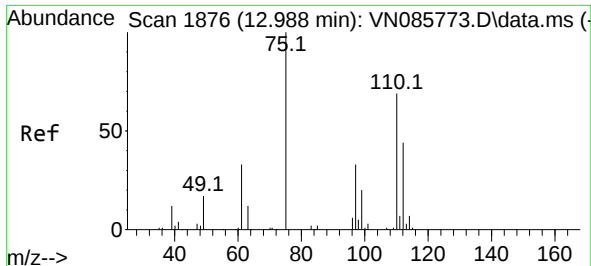
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 1.078 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 83 Resp: 3870
Ion Ratio Lower Upper
83 100
131 10.6 5.0 15.0
85 65.5 32.2 96.6





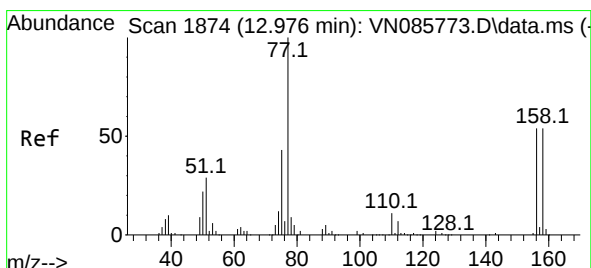
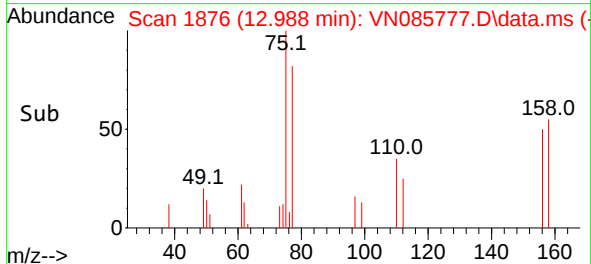
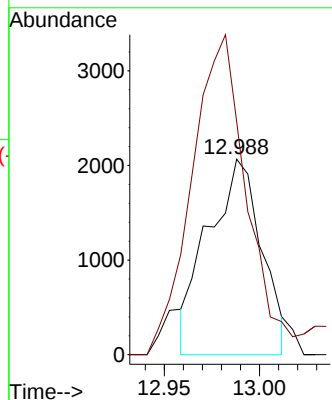
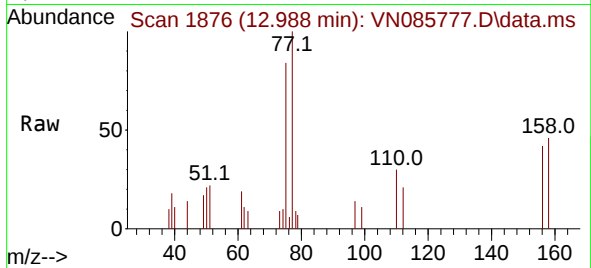
#76
1,2,3-Trichloropropane
Concen: 1.206 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 403
Ion Ratio Lower Upper
75 100
77 166.9 100.0 300.0

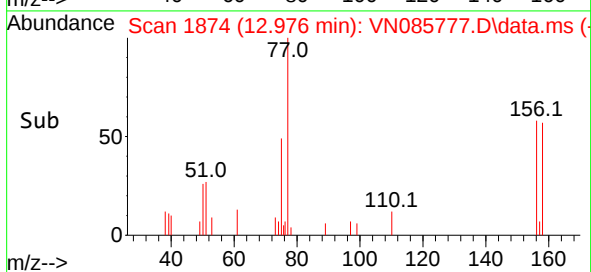
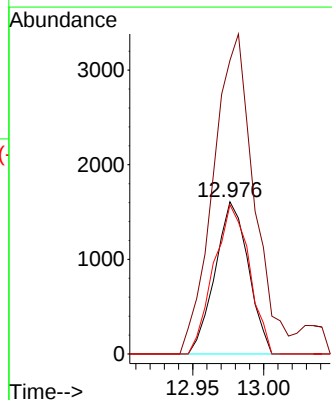
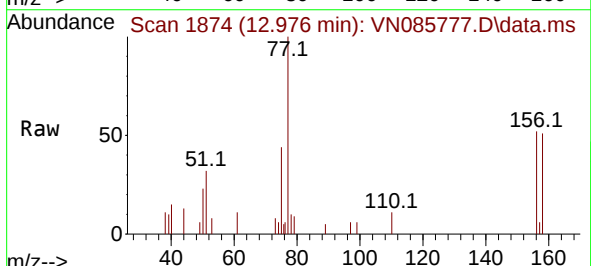
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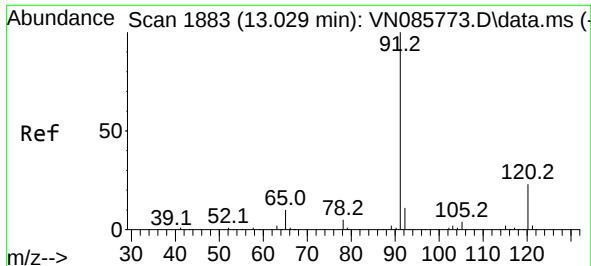
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#77
Bromobenzene
Concen: 0.931 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Tgt Ion:156 Resp: 2624
Ion Ratio Lower Upper
156 100
77 256.5 104.1 312.3
158 104.8 48.1 144.4





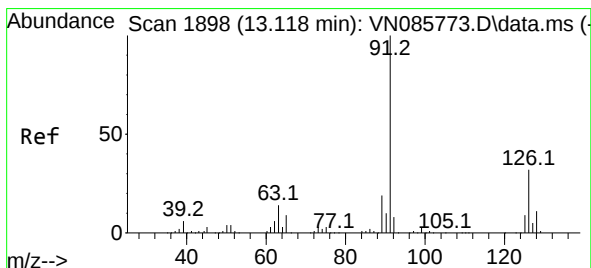
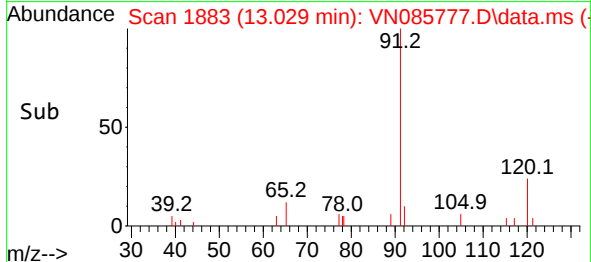
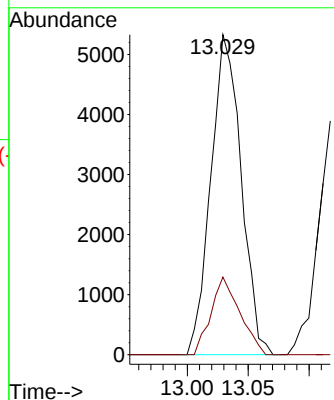
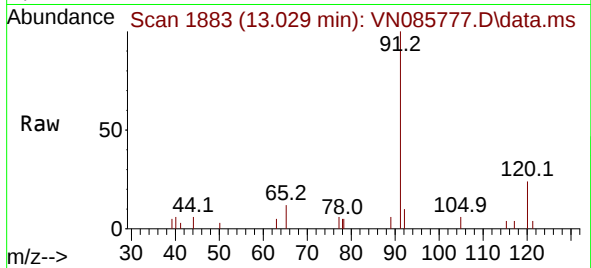
#78
n-propylbenzene
Concen: 0.773 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 9228
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.8

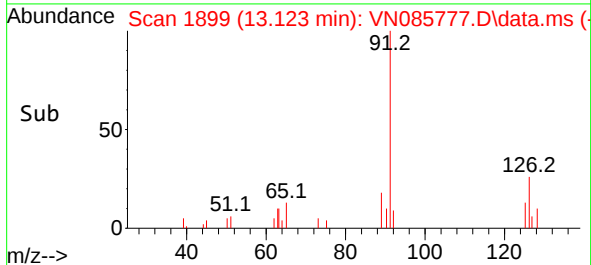
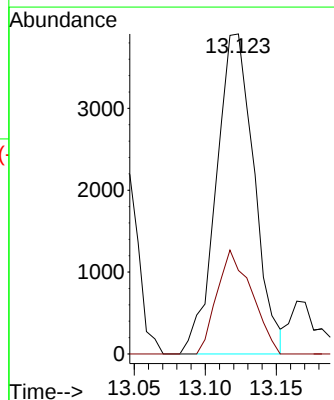
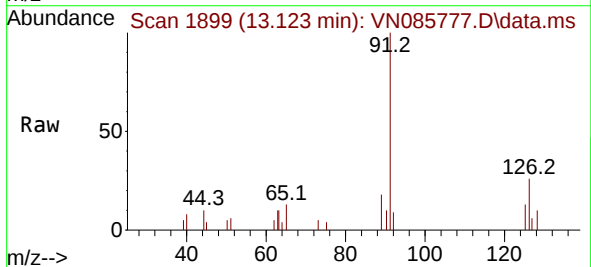
Manual Integrations
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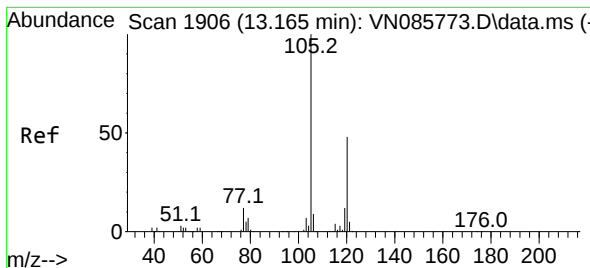
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#79
2-Chlorotoluene
Concen: 0.910 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 91 Resp: 7260
Ion Ratio Lower Upper
91 100
126 29.8 16.4 49.1





#80

1,3,5-Trimethylbenzene

Concen: 0.728 ug/l

RT: 13.164 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VN085777.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 618

Ion Ratio Lower Upper

105 100

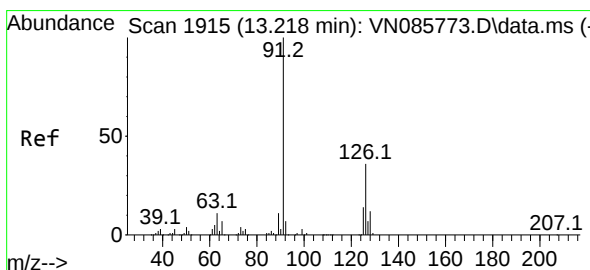
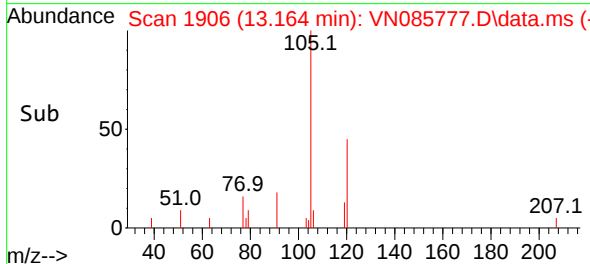
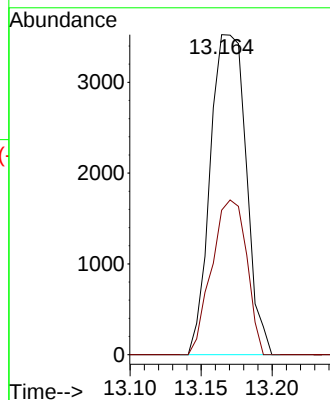
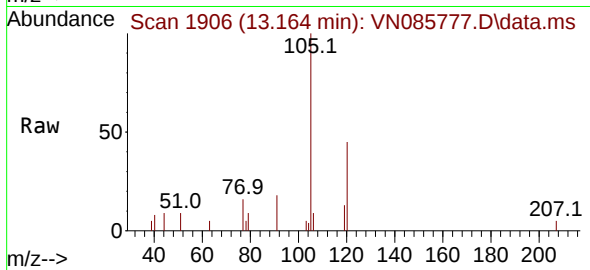
120 47.1 24.3 72.9

Manual Integrations

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Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#82

4-Chlorotoluene

Concen: 0.847 ug/l

RT: 13.217 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VN085777.D

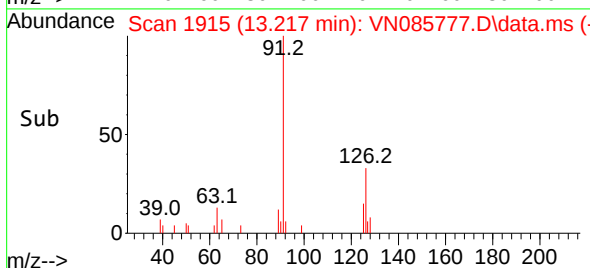
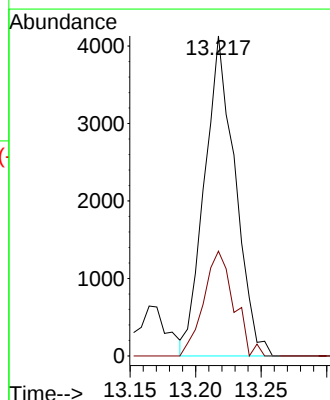
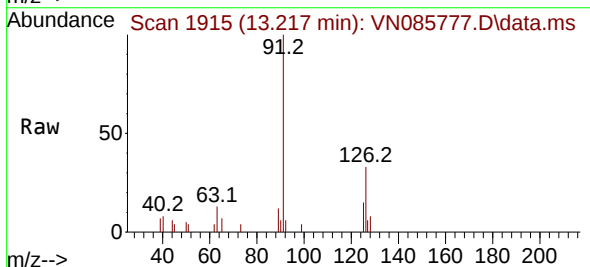
Acq: 18 Feb 2025 13:07

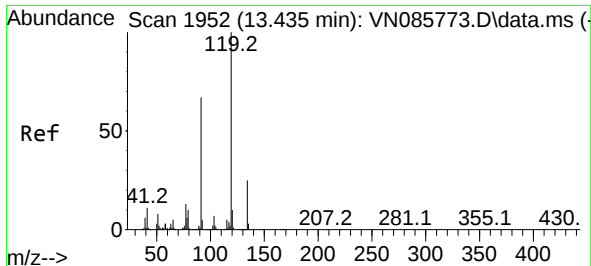
Tgt Ion: 91 Resp: 6700

Ion Ratio Lower Upper

91 100

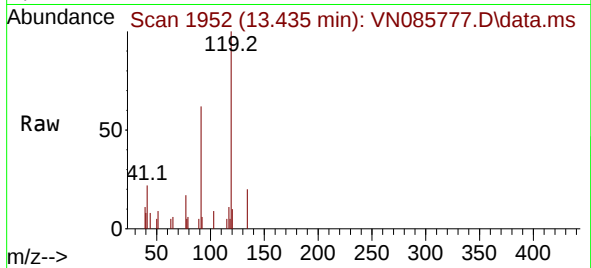
126 32.3 16.4 49.4





#83
tert-Butylbenzene
Concen: 0.768 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

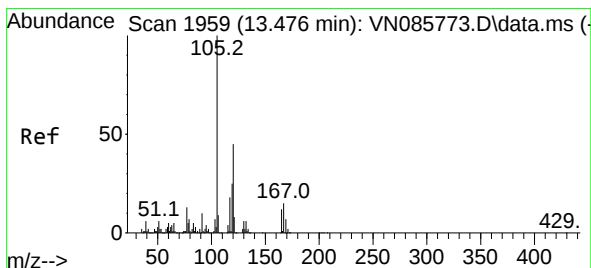
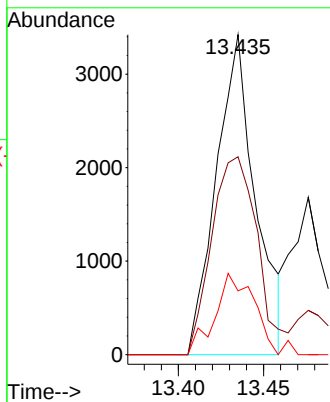
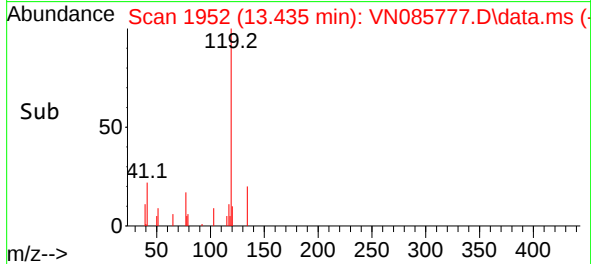
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



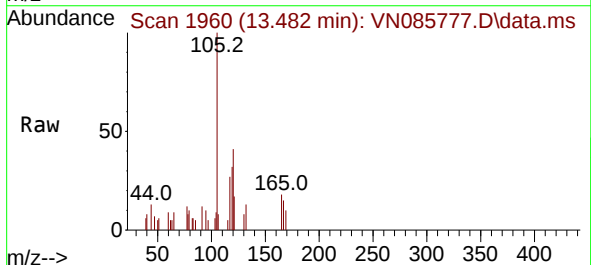
Tgt Ion:119 Resp: 5485
Ion Ratio Lower Upper
119 100
91 72.3 32.5 97.5
134 26.0 13.3 39.9

Manual Integrations
APPROVED

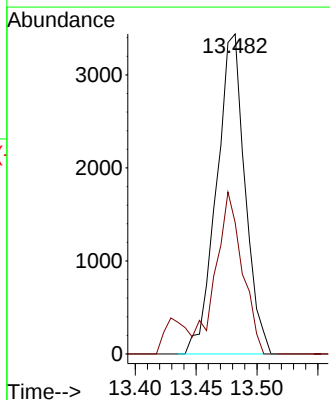
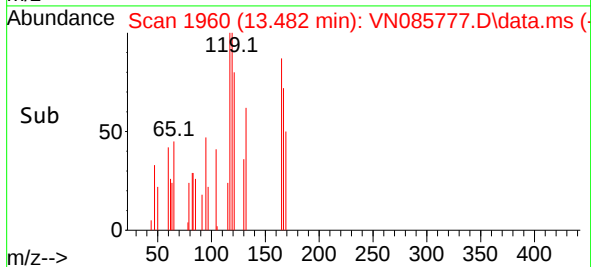
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

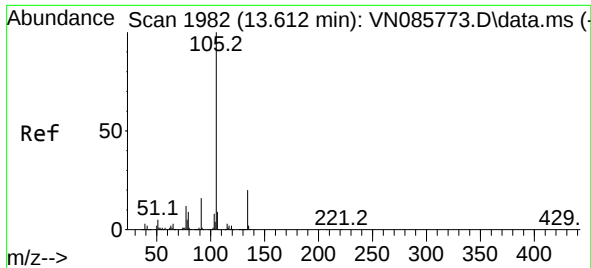


#84
1,2,4-Trimethylbenzene
Concen: 0.666 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07



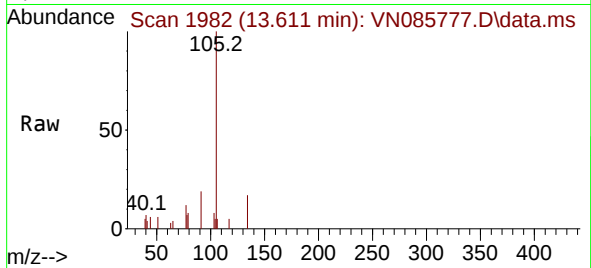
Tgt Ion:105 Resp: 5595
Ion Ratio Lower Upper
105 100
120 47.4 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 0.750 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.001 min
 Lab File: VN085777.D
 Acq: 18 Feb 2025 13:07

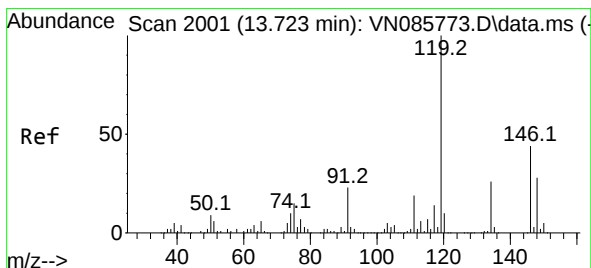
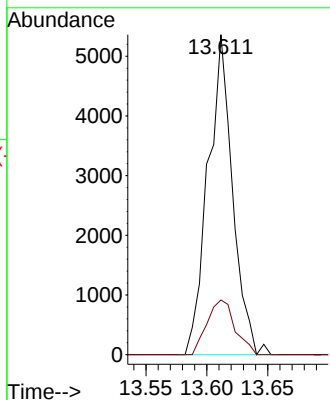
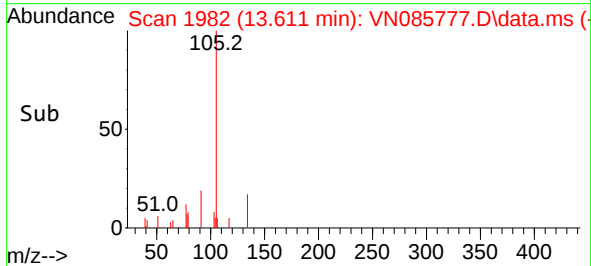
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



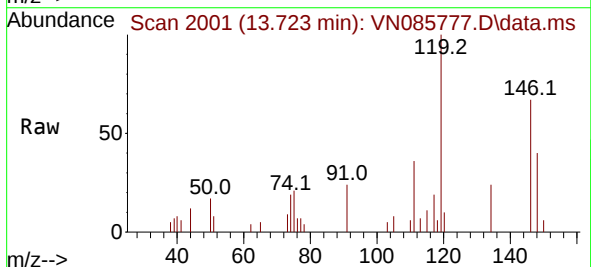
Tgt Ion:105 Resp: 7569
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations
 APPROVED

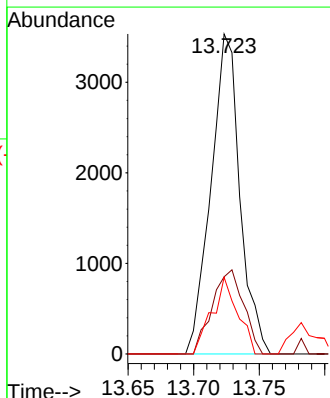
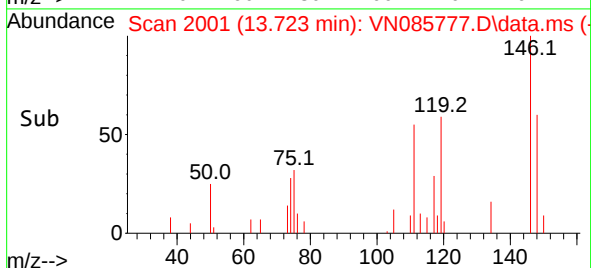
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025

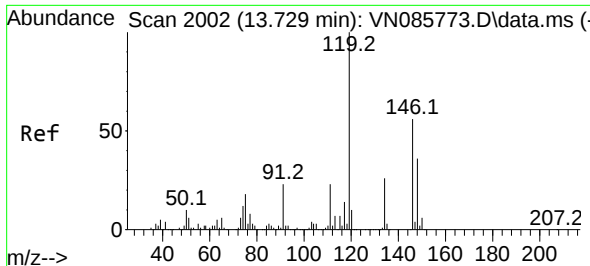


#86
 p-Isopropyltoluene
 Concen: 1.252 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085777.D
 Acq: 18 Feb 2025 13:07



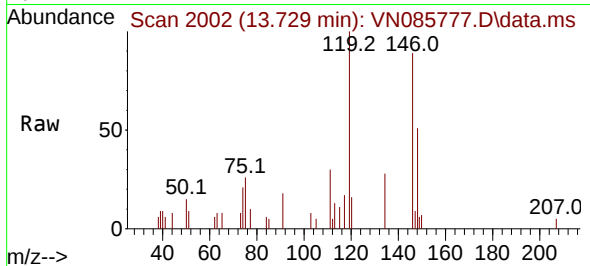
Tgt Ion:119 Resp: 5416
 Ion Ratio Lower Upper
 119 100
 134 28.5 13.0 39.0
 91 21.2 11.7 35.1





#87
 1,3-Dichlorobenzene
 Concen: 1.008 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085777.D
 Acq: 18 Feb 2025 13:07

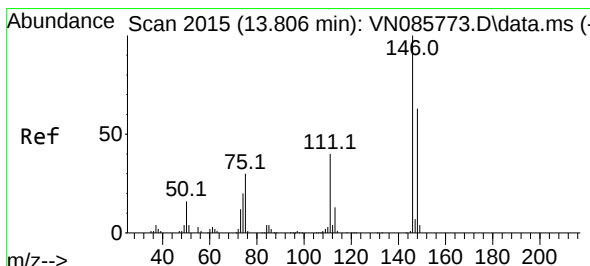
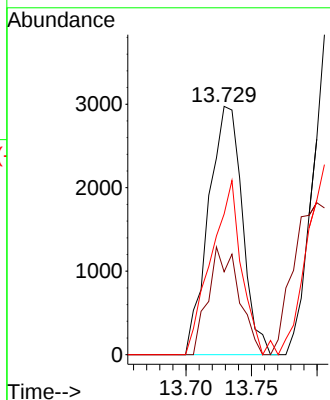
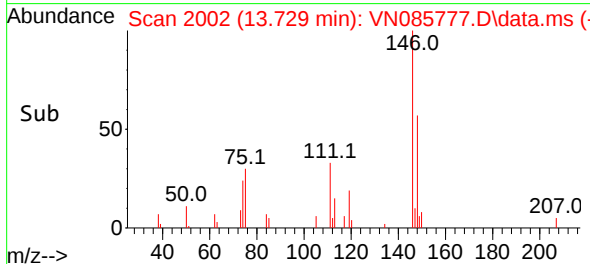
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



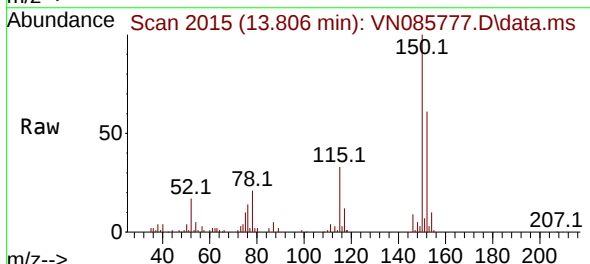
Tgt Ion:146 Resp: 532
 Ion Ratio Lower Upper
 146 100
 111 39.2 21.1 63.3
 148 63.9 32.1 96.5

Manual Integrations
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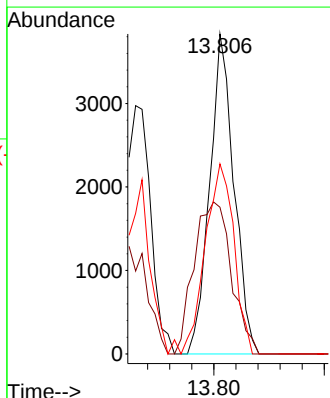
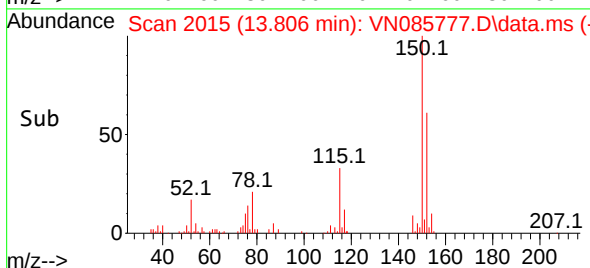
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025

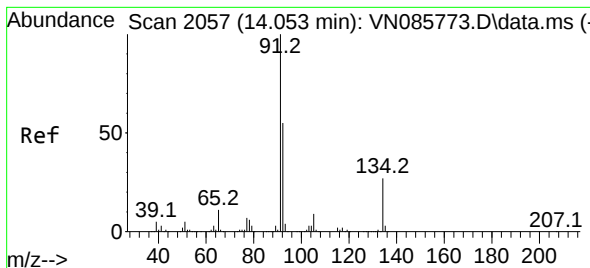


#88
 1,4-Dichlorobenzene
 Concen: 1.081 ug/l m
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.000 min
 Lab File: VN085777.D
 Acq: 18 Feb 2025 13:07



Tgt Ion:146 Resp: 5848
 Ion Ratio Lower Upper
 146 100
 111 35.7 20.4 61.3
 148 58.1 31.8 95.4





#89

n-Butylbenzene

Concen: 0.893 ug/l

RT: 14.047 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VN085777.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

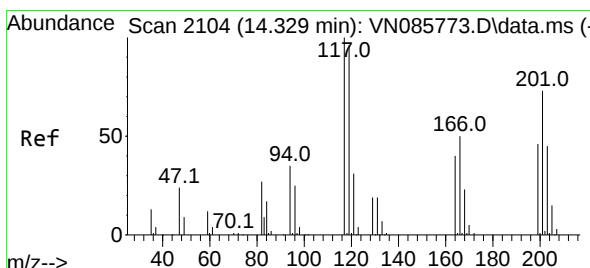
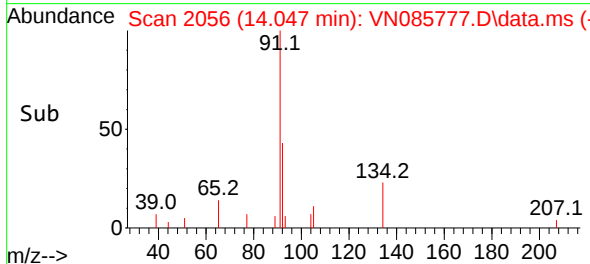
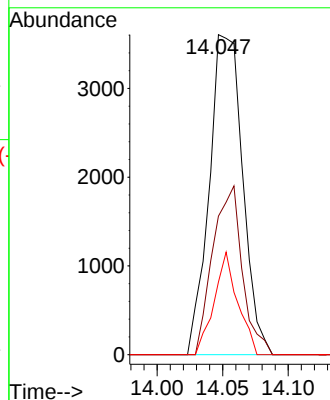
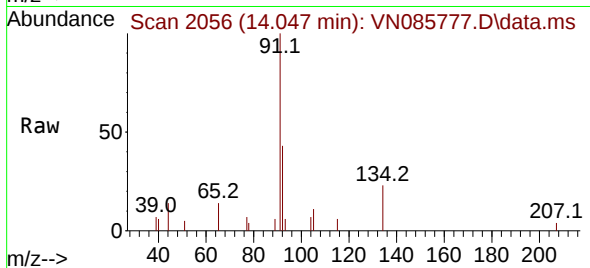
Tgt Ion: 91	Resp: 6398
Ion Ratio	Lower Upper
91	100
92	46.6 27.1 81.3
134	22.6 12.7 38.1

Manual Integrations

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Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#90

Hexachloroethane

Concen: 1.126 ug/l

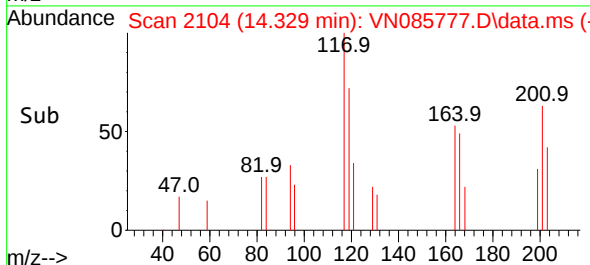
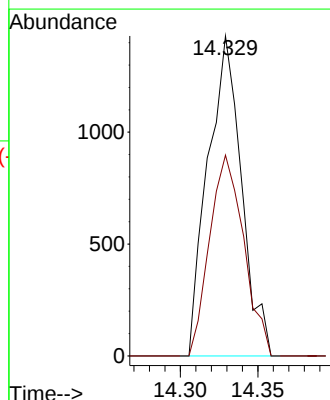
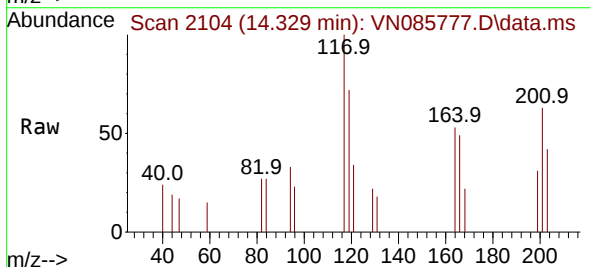
RT: 14.329 min Scan# 2104

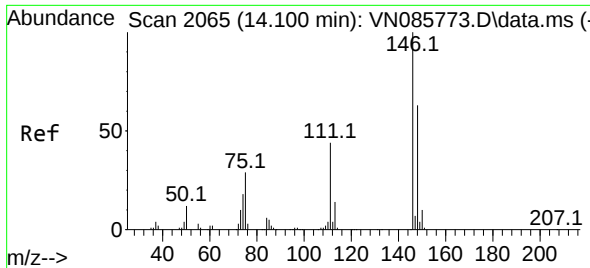
Delta R.T. -0.000 min

Lab File: VN085777.D

Acq: 18 Feb 2025 13:07

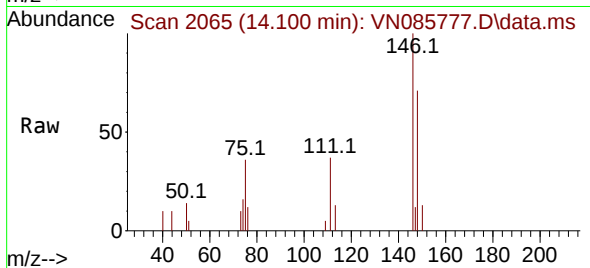
Tgt Ion: 117	Resp: 2153
Ion Ratio	Lower Upper
117	100
201	63.9 35.6 106.9





#91
1,2-Dichlorobenzene
Concen: 1.046 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

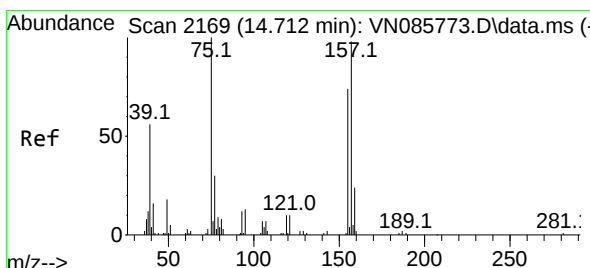
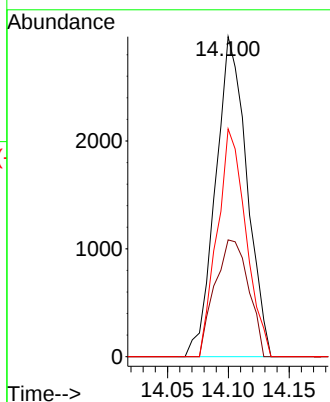
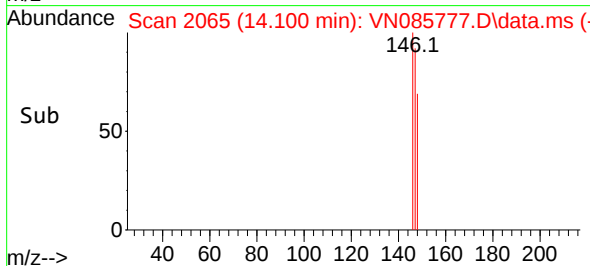
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



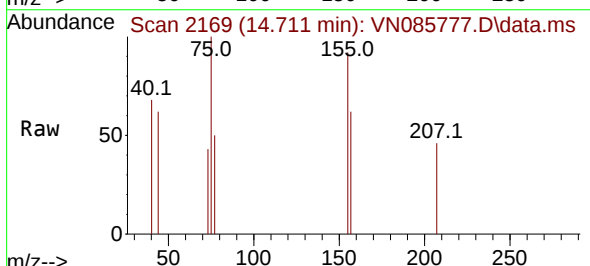
Tgt Ion:146 Resp: 5309
Ion Ratio Lower Upper
146 100
111 39.1 21.4 64.3
148 65.3 32.0 96.2

Manual Integrations
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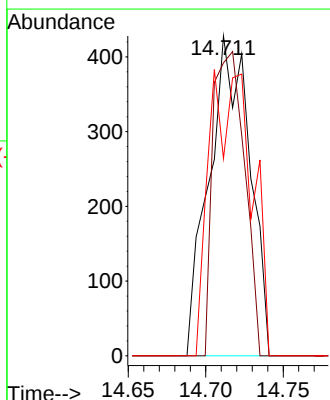
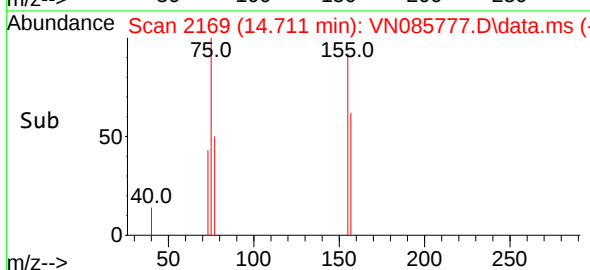
Reviewed By :John Carlone 02/19/2025
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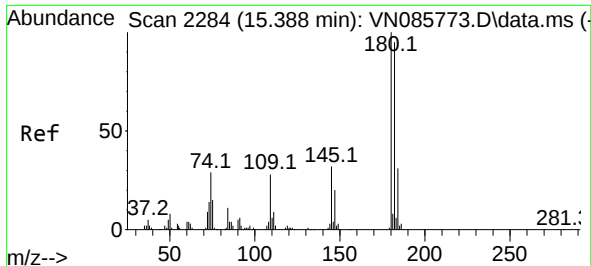


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.184 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07



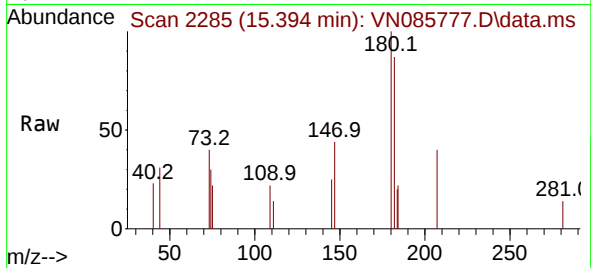
Tgt Ion: 75 Resp: 780
Ion Ratio Lower Upper
75 100
155 73.8 39.9 119.6
157 92.8 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 1.044 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

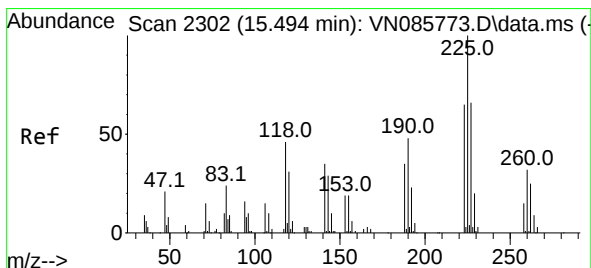
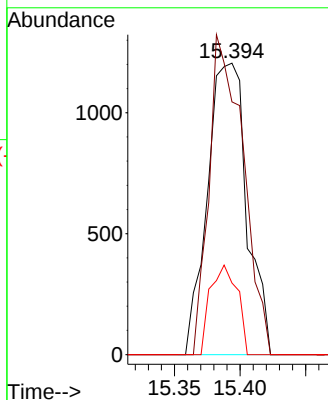
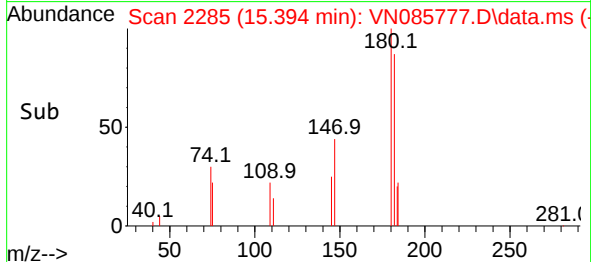
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



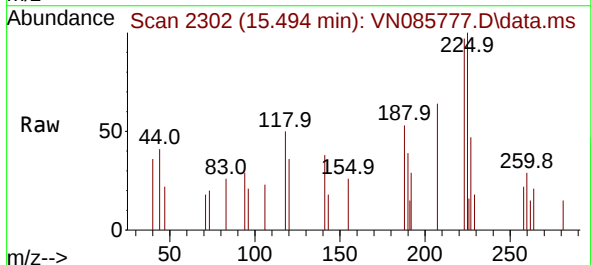
Tgt Ion:180 Resp: 252
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.9
145 21.0 16.2 48.5

Manual Integrations
APPROVED

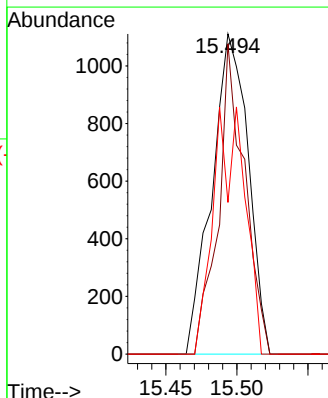
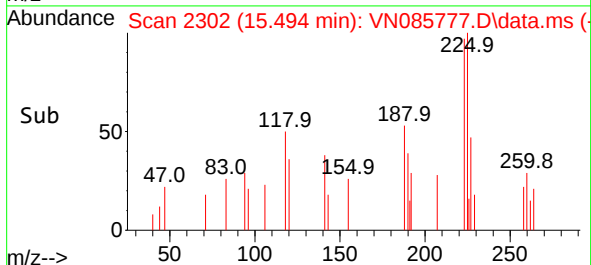
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

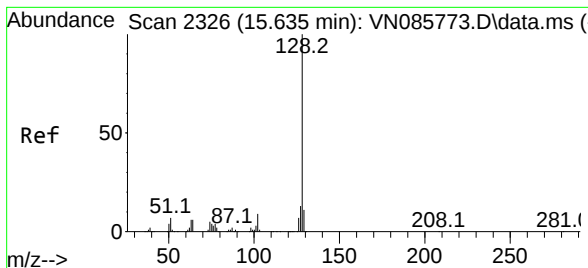


#94
Hexachlorobutadiene
Concen: 1.344 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07



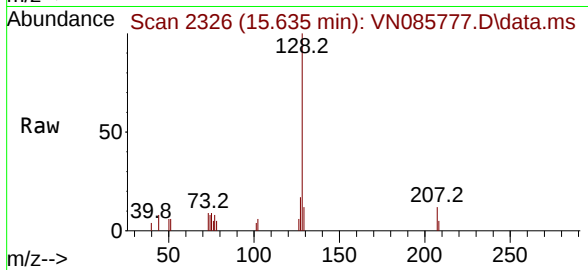
Tgt Ion:225 Resp: 1976
Ion Ratio Lower Upper
225 100
223 70.2 31.9 95.5
227 66.8 32.2 96.6





#95
Naphthalene
Concen: 1.099 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07

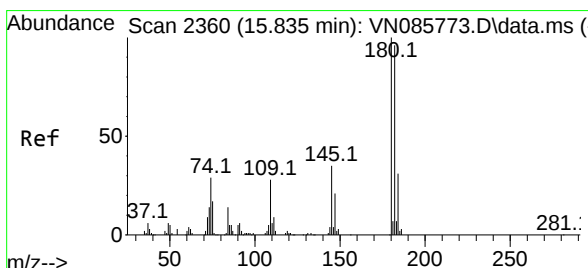
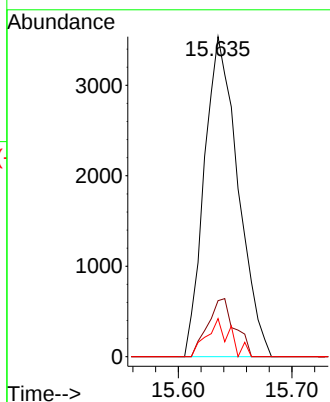
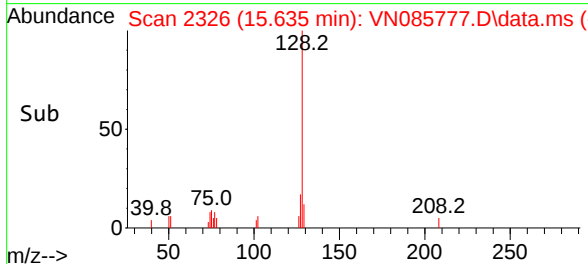
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



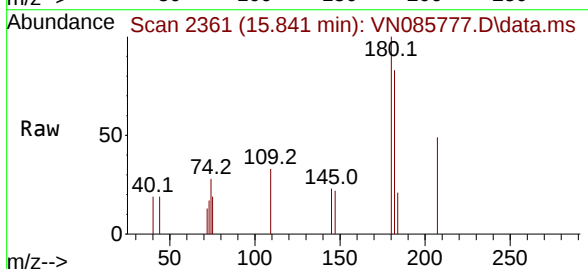
Tgt Ion:128 Resp: 7298
Ion Ratio Lower Upper
128 100
127 14.6 10.2 15.2
129 8.3 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 1.149 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085777.D
Acq: 18 Feb 2025 13:07



Tgt Ion:180 Resp: 2791
Ion Ratio Lower Upper
180 100
182 93.7 47.3 141.8
145 29.6 16.9 50.6

