

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021825\
 Data File : VN085779.D
 Acq On : 18 Feb 2025 14:18
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Feb 19 03:19:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:03:15 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	8.218	168	309026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	515996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	448882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	214863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	71117	17.751	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	35.500%#		
35) Dibromofluoromethane	8.159	113	60447	17.903	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	35.800%#		
50) Toluene-d8	10.559	98	222839	18.140	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	36.280%#		
62) 4-Bromofluorobenzene	12.847	95	71343	17.627	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	35.260%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	77669	18.478	ug/l	96
3) Chloromethane	2.360	50	74700	17.710	ug/l	98
4) Vinyl Chloride	2.512	62	83284	18.649	ug/l	96
5) Bromomethane	2.954	94	51068	17.884	ug/l	97
6) Chloroethane	3.118	64	54178	18.315	ug/l	98
7) Trichlorofluoromethane	3.501	101	124306	19.225	ug/l	100
8) Diethyl Ether	3.959	74	40213	19.221	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	74051	19.813	ug/l	98
10) Methyl Iodide	4.589	142	87963	19.093	ug/l	96
11) Tert butyl alcohol	5.512	59	45305	91.941	ug/l	99
12) 1,1-Dichloroethene	4.336	96	65660	19.375	ug/l	95
13) Acrolein	4.177	56	65092	89.078	ug/l	99
14) Allyl chloride	5.024	41	84778	19.054	ug/l	98
15) Acrylonitrile	5.712	53	158250	98.787	ug/l	99
16) Acetone	4.418	43	122455	96.596	ug/l	97
17) Carbon Disulfide	4.706	76	179885	17.910	ug/l	100
18) Methyl Acetate	5.012	43	77229	17.712	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	205047	20.362	ug/l	97
20) Methylene Chloride	5.271	84	77308	18.963	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	69924	19.162	ug/l	91
22) Diisopropyl ether	6.665	45	212086	21.095	ug/l	99
23) Vinyl Acetate	6.600	43	695943	101.409	ug/l	99
24) 1,1-Dichloroethane	6.565	63	134620	19.697	ug/l	98
25) 2-Butanone	7.477	43	184659	99.012	ug/l	98
26) 2,2-Dichloropropane	7.489	77	120039	19.752	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	82886	19.590	ug/l	99
28) Bromochloromethane	7.806	49	49657	17.678	ug/l	95
29) Tetrahydrofuran	7.836	42	125831	104.482	ug/l	100
30) Chloroform	7.959	83	141059	19.750	ug/l	98
31) Cyclohexane	8.253	56	106009	18.525	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	125061	19.686	ug/l	98
36) 1,1-Dichloropropene	8.365	75	94481	19.772	ug/l	99
37) Ethyl Acetate	7.553	43	81716	20.780	ug/l	99
38) Carbon Tetrachloride	8.359	117	111137	19.574	ug/l	96
39) Methylcyclohexane	9.600	83	93454	19.907	ug/l	99
40) Benzene	8.600	78	304209	19.863	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	43566	20.724	ug/l	98
42) 1,2-Dichloroethane	8.665	62	99651	19.975	ug/l	99
43) Isopropyl Acetate	8.683	43	138304	19.709	ug/l	99
44) Trichloroethene	9.347	130	71769	19.085	ug/l	97
45) 1,2-Dichloropropane	9.618	63	73743	19.947	ug/l	98
46) Dibromomethane	9.706	93	52878	20.278	ug/l	97
47) Bromodichloromethane	9.883	83	111634	20.010	ug/l	97
48) Methyl methacrylate	9.677	41	60690	20.781	ug/l	99
49) 1,4-Dioxane	9.688	88	21778	392.137	ug/l #	88
51) 4-Methyl-2-Pentanone	10.441	43	400235	105.563	ug/l	99
52) Toluene	10.624	92	184001	20.495	ug/l	98
53) t-1,3-Dichloropropene	10.830	75	104301	20.218	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	115451	20.409	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	71034	19.900	ug/l	97
56) Ethyl methacrylate	10.871	69	94315	20.003	ug/l	97
57) 1,3-Dichloropropane	11.159	76	119649	20.080	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	256540	146.107	ug/l	99
59) 2-Hexanone	11.188	43	278550	106.794	ug/l	99
60) Dibromochloromethane	11.353	129	83651	20.125	ug/l	100
61) 1,2-Dibromoethane	11.465	107	68205	20.223	ug/l	99
64) Tetrachloroethene	11.100	164	67288	19.350	ug/l	94
65) Chlorobenzene	11.888	112	200885	19.535	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	72064	19.497	ug/l	99
67) Ethyl Benzene	11.959	91	330056	20.490	ug/l	97
68) m/p-Xylenes	12.065	106	259251	42.371	ug/l	100
69) o-Xylene	12.394	106	118291	20.345	ug/l	96
70) Styrene	12.406	104	203369	20.270	ug/l	100
71) Bromoform	12.576	173	55518	20.214	ug/l #	96
73) Isopropylbenzene	12.688	105	299398	20.339	ug/l	100
74) N-amyl acetate	12.488	43	106973	20.608	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	99174	19.579	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	96439m	20.431	ug/l	
77) Bromobenzene	12.976	156	78068	19.630	ug/l	98
78) n-propylbenzene	13.029	91	351518	20.852	ug/l	100
79) 2-Chlorotoluene	13.124	91	230434	20.458	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	258212	21.534	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	31517	19.267	ug/l	92
82) 4-Chlorotoluene	13.218	91	227177	20.345	ug/l	100
83) tert-Butylbenzene	13.435	119	208096	20.637	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	259373	21.863	ug/l	99
85) sec-Butylbenzene	13.612	105	293653	20.612	ug/l	99
86) p-Isopropyltoluene	13.723	119	240984	19.772	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	143937	19.318	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	144744	18.954	ug/l	99
89) n-Butylbenzene	14.053	91	195221	19.300	ug/l	97
90) Hexachloroethane	14.329	117	50599	18.753	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	138931	19.390	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	16407	17.639	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	60520	17.726	ug/l	98
94) Hexachlorobutadiene	15.500	225	34783	16.763	ug/l	97
95) Naphthalene	15.635	128	156537	16.700	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	57998	16.921	ug/l	98

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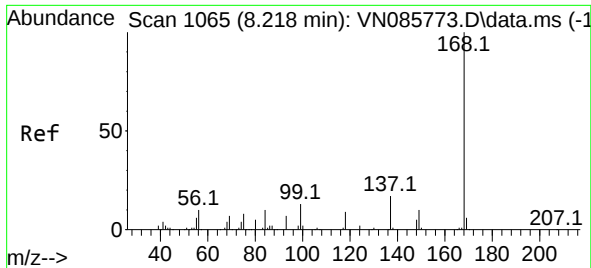
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/19/2025

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QLast Update : Wed Feb 19 03:03:15 2025
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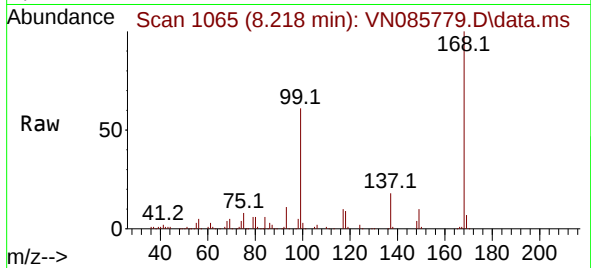
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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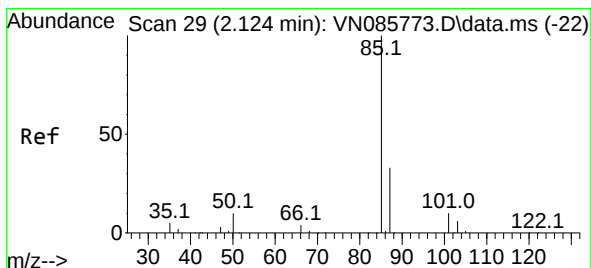
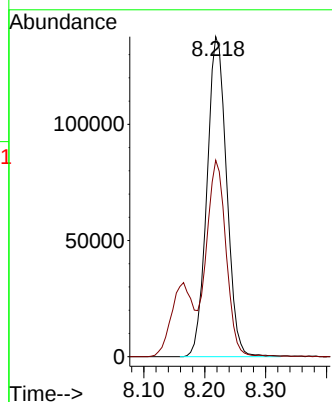
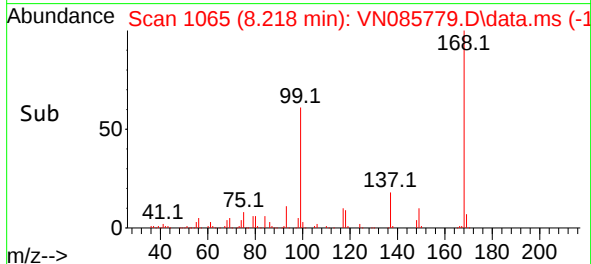
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



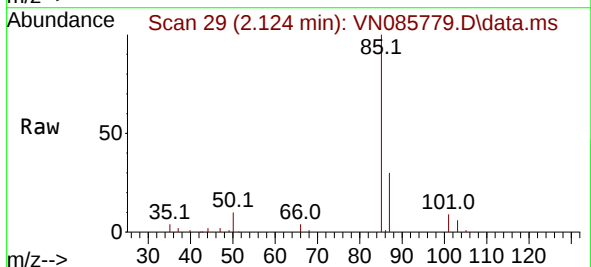
Tgt Ion:168 Resp: 309020
Ion Ratio Lower Upper
168 100
99 61.3 47.9 71.9

Manual Integrations
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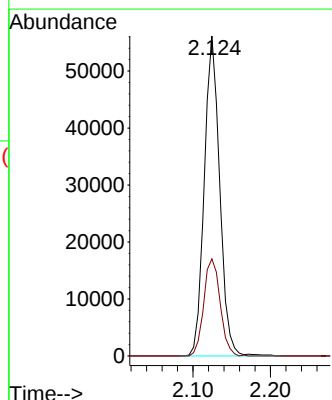
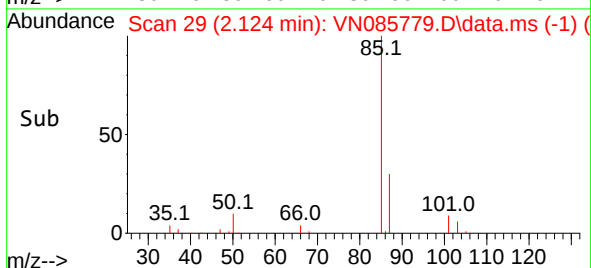
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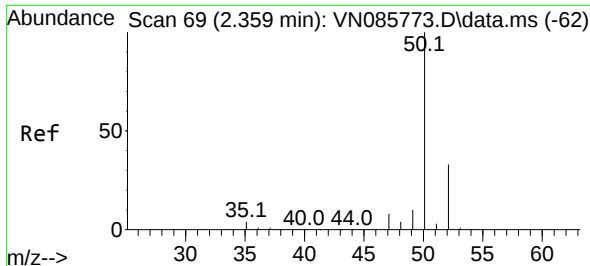


#2
Dichlorodifluoromethane
Concen: 18.478 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18



Tgt Ion: 85 Resp: 77669
Ion Ratio Lower Upper
85 100
87 30.4 16.4 49.2





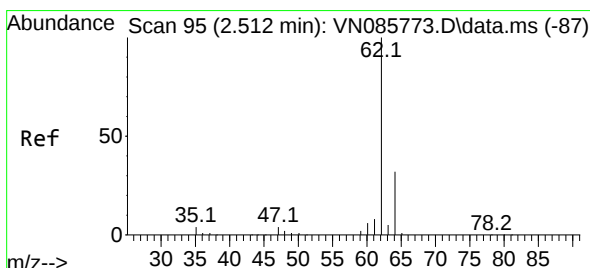
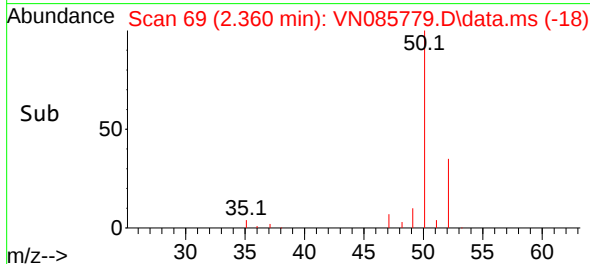
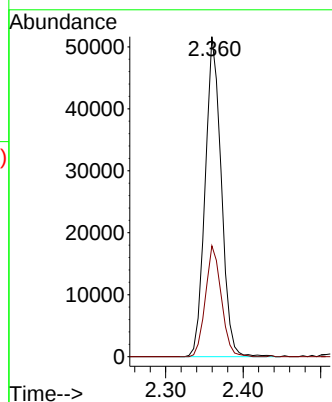
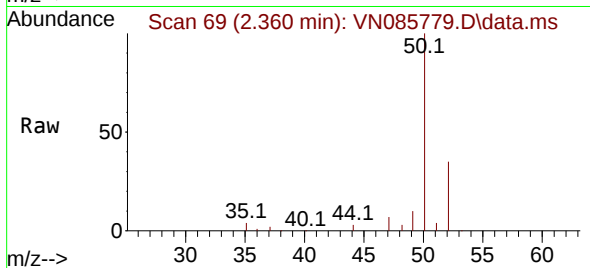
#3
Chloromethane
Concen: 17.710 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Instrument :
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Tgt Ion: 50 Resp: 74700
Ion Ratio Lower Upper
50 100
52 34.6 26.7 40.1

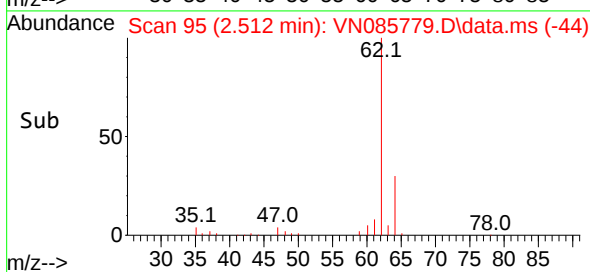
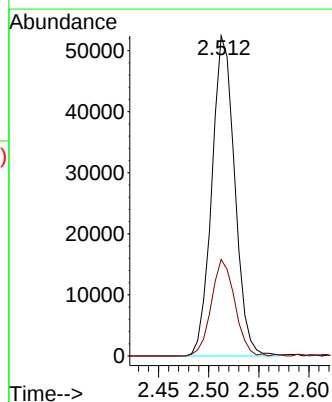
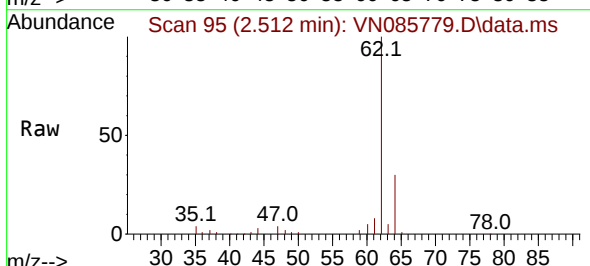
Manual Integrations
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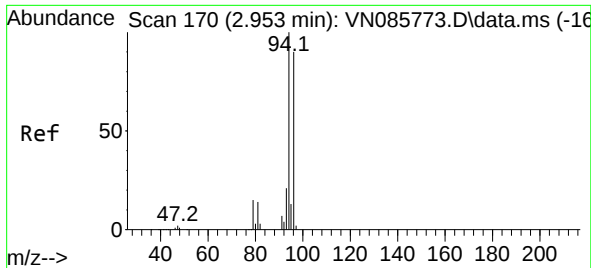
Reviewed By :John Carlone 02/19/2025
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#4
Vinyl Chloride
Concen: 18.649 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

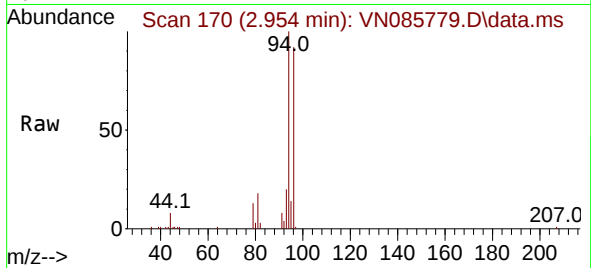
Tgt Ion: 62 Resp: 83284
Ion Ratio Lower Upper
62 100
64 30.2 25.9 38.9





#5
Bromomethane
Concen: 17.884 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

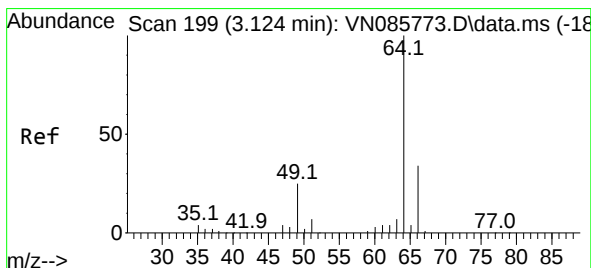
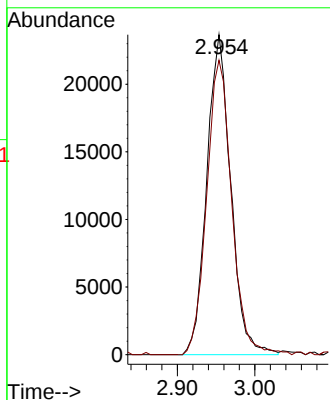
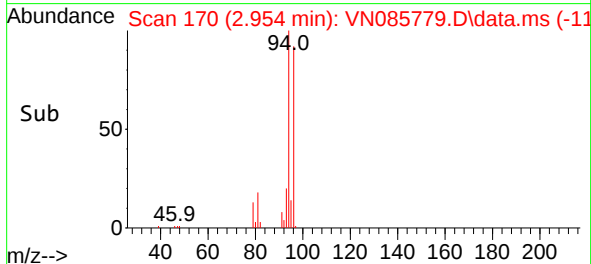
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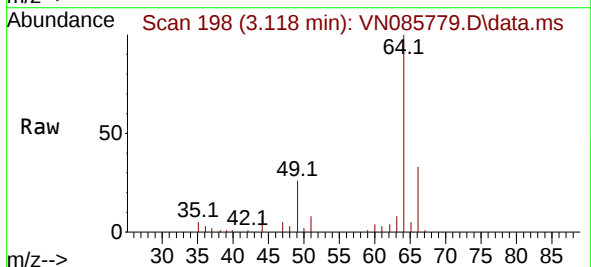
Tgt Ion: 94 Resp: 5106
Ion Ratio Lower Upper
94 100
96 92.0 71.7 107.5

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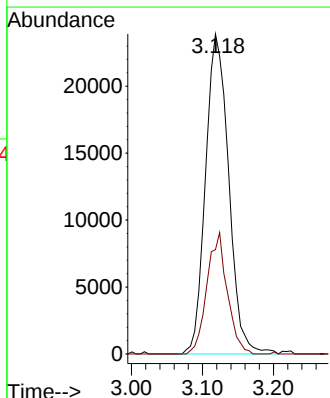
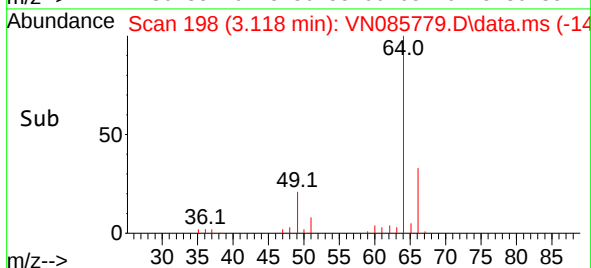
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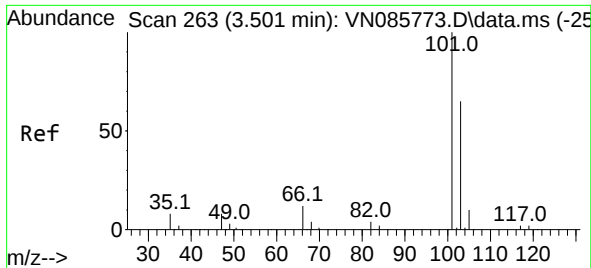


#6
Chloroethane
Concen: 18.315 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18



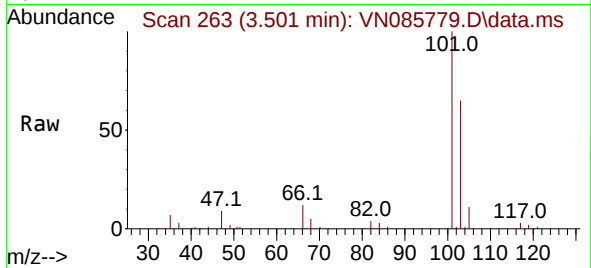
Tgt Ion: 64 Resp: 54178
Ion Ratio Lower Upper
64 100
66 32.6 27.0 40.6





#7
Trichlorofluoromethane
Concen: 19.225 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

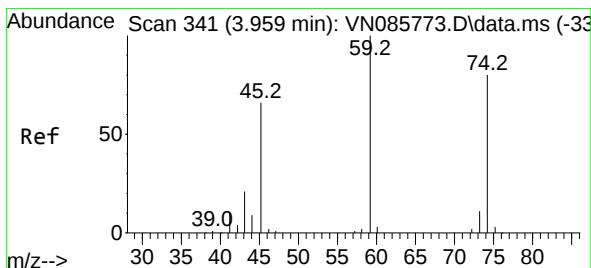
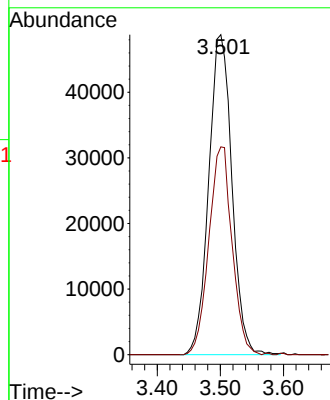
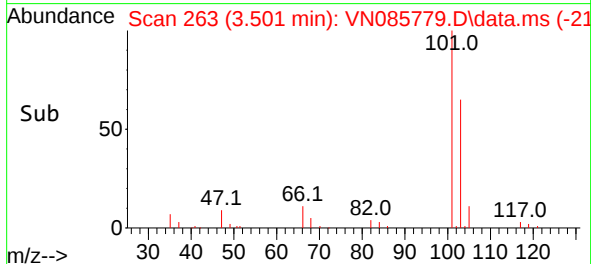
Instrument :
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VSTDIC020



Tgt Ion:101 Resp: 124300
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4

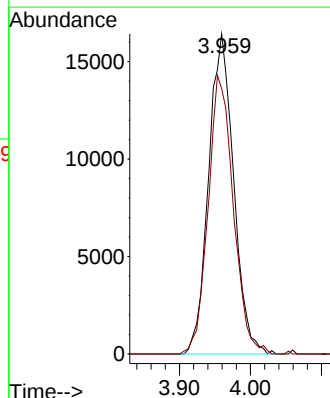
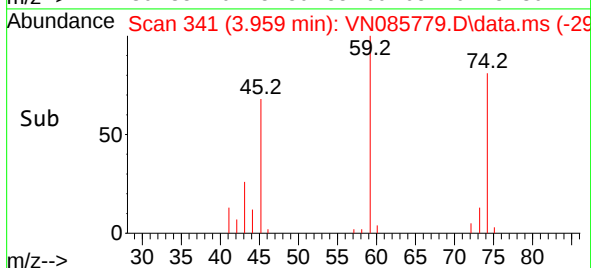
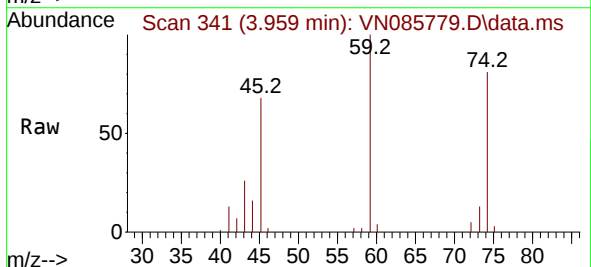
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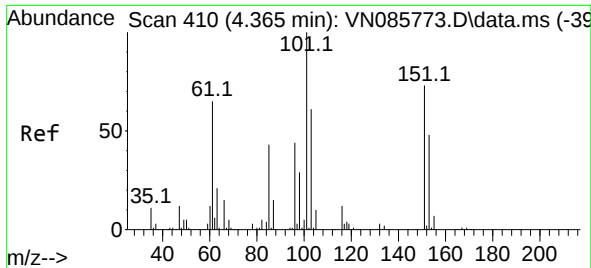
Reviewed By :John Carlone 02/19/2025
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#8
Diethyl Ether
Concen: 19.221 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN085779.D
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Tgt Ion: 74 Resp: 40213
Ion Ratio Lower Upper
74 100
45 87.5 42.5 127.6





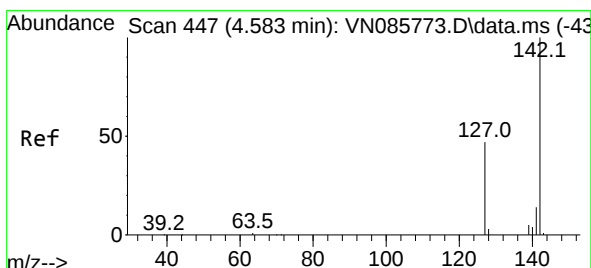
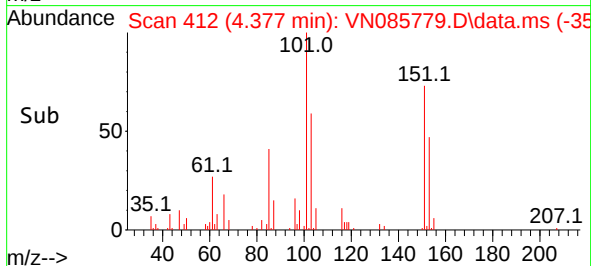
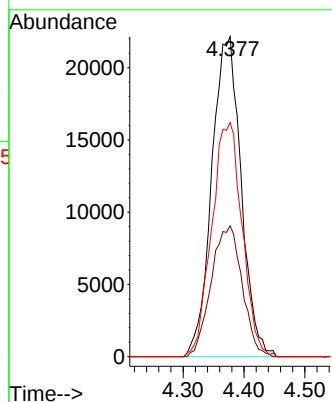
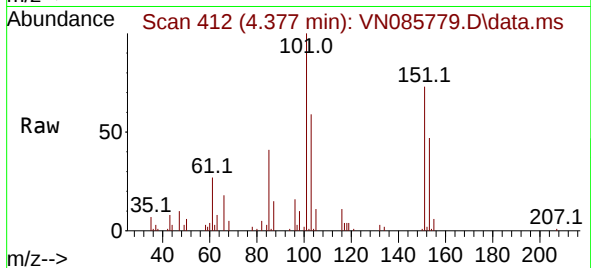
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.813 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 7405
Ion Ratio Lower Upper
101 100
85 43.1 35.7 53.5
151 75.8 61.4 92.2

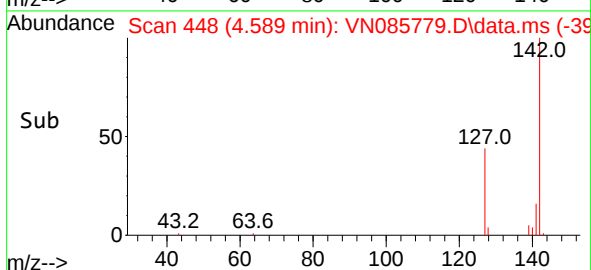
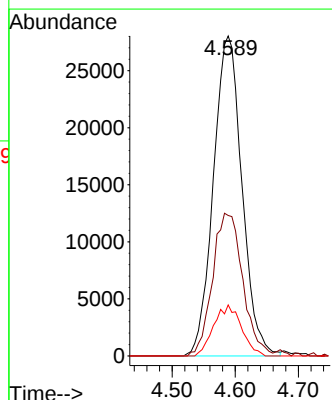
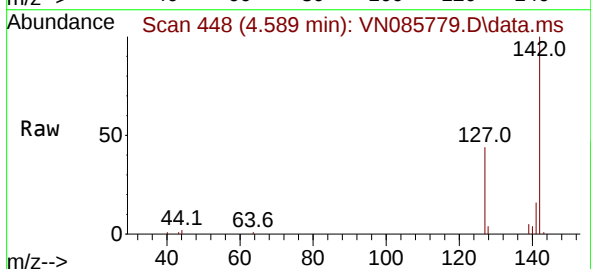
Manual Integrations
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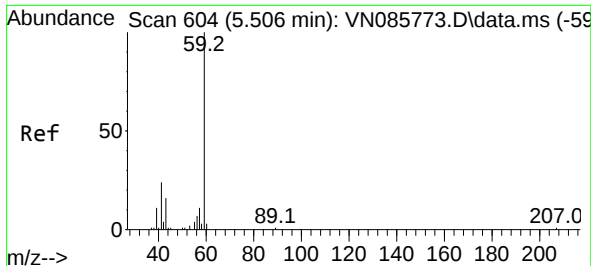
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#10
Methyl Iodide
Concen: 19.093 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

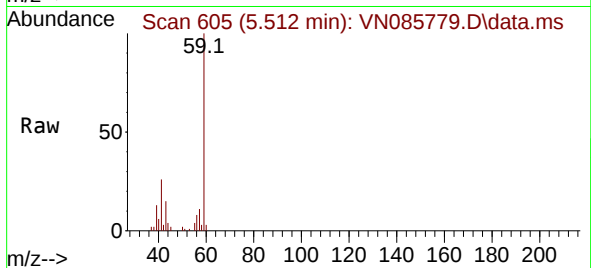
Tgt Ion:142 Resp: 87963
Ion Ratio Lower Upper
142 100
127 43.9 37.6 56.4
141 15.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 91.941 ug/l
RT: 5.512 min Scan# 604
Delta R.T. 0.006 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

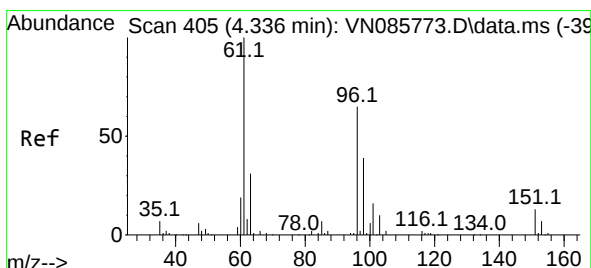
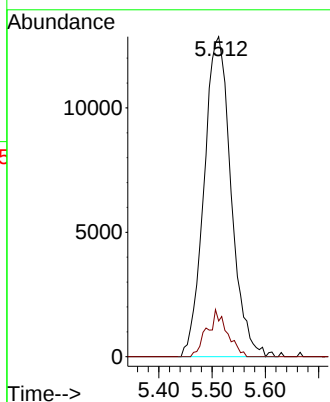
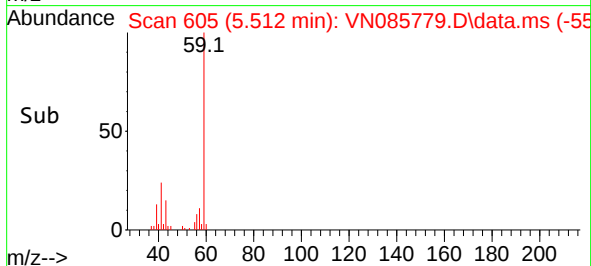
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 59 Resp: 4530
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

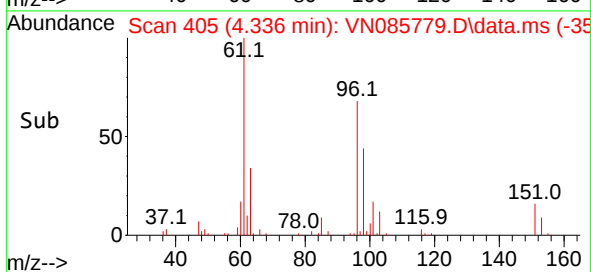
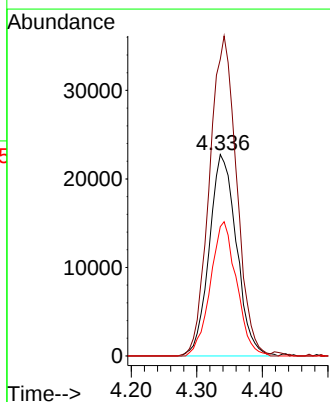
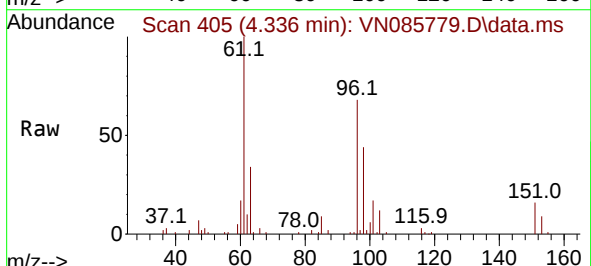
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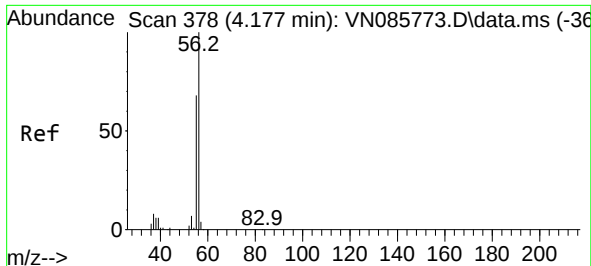
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#12
1,1-Dichloroethene
Concen: 19.375 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Tgt Ion: 96 Resp: 65660
Ion Ratio Lower Upper
96 100
61 147.3 123.3 184.9
98 64.2 48.6 72.8





#13

Acrolein

Concen: 89.078 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN085779.D

Acq: 18 Feb 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 65092

Ion Ratio Lower Upper

56 100

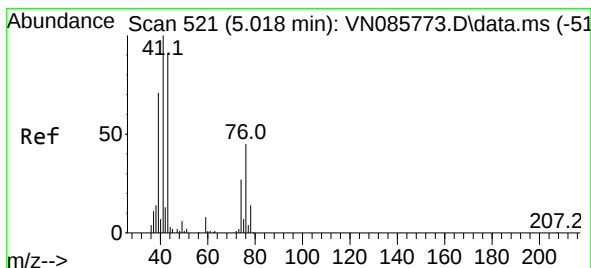
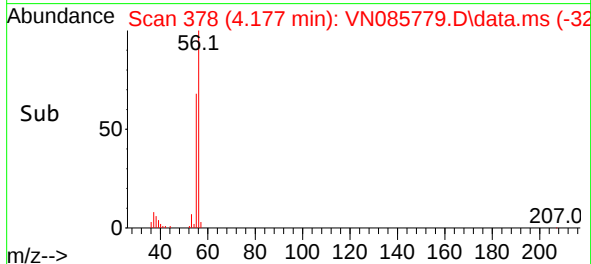
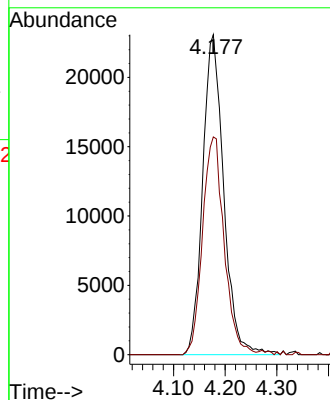
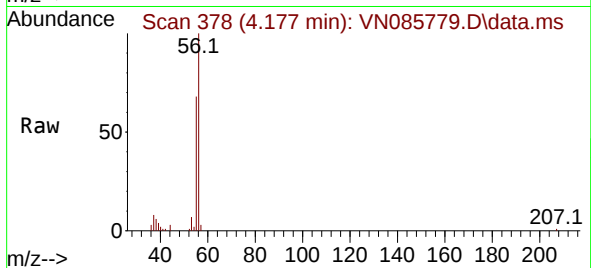
55 69.9 55.3 82.9

Manual Integrations

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Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#14

Allyl chloride

Concen: 19.054 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085779.D

Acq: 18 Feb 2025 14:18

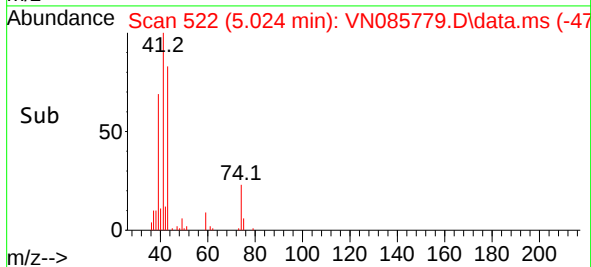
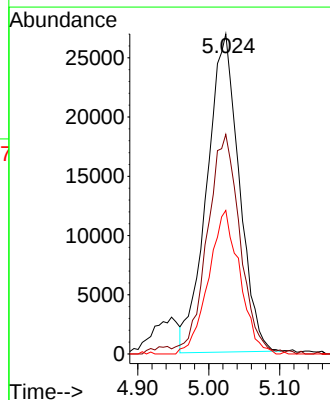
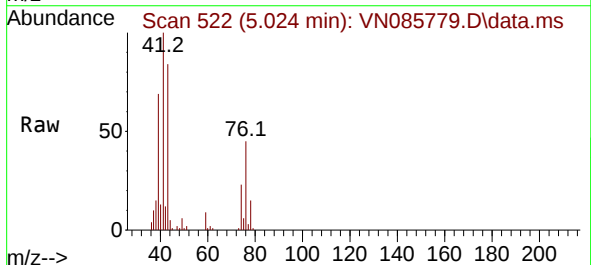
Tgt Ion: 41 Resp: 84778

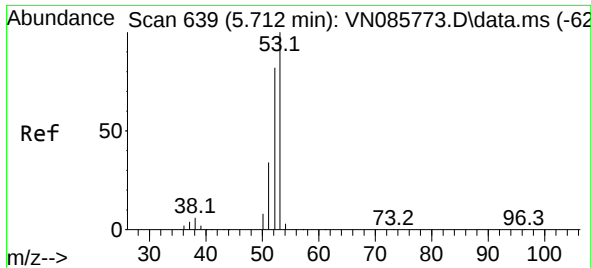
Ion Ratio Lower Upper

41 100

39 70.2 57.4 86.2

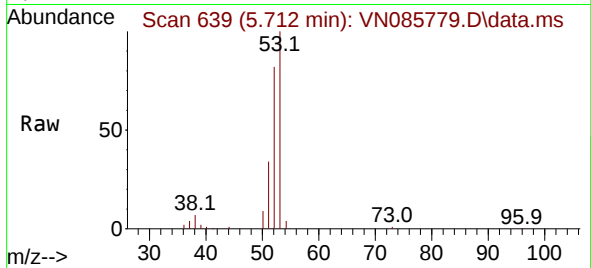
76 43.8 36.2 54.2





#15
Acrylonitrile
Concen: 98.787 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

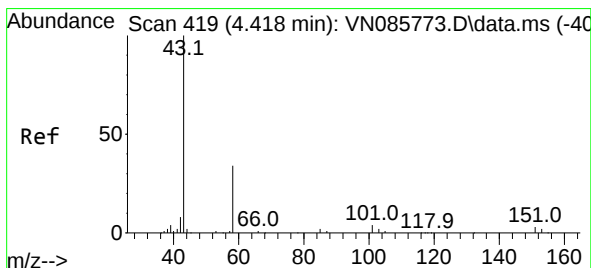
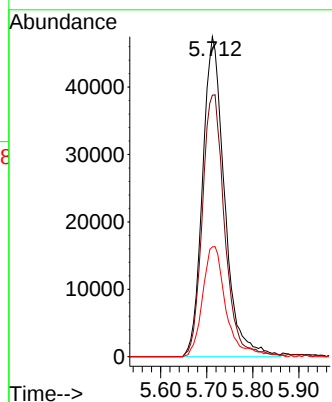
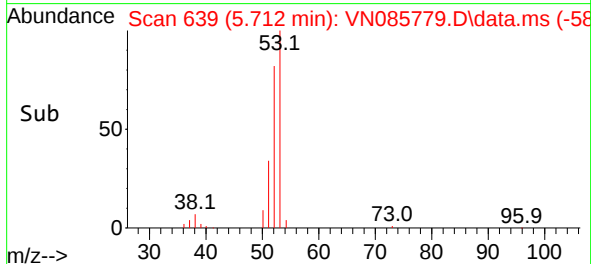
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 158250
Ion Ratio Lower Upper
53 100
52 83.0 65.8 98.6
51 36.5 28.6 42.8

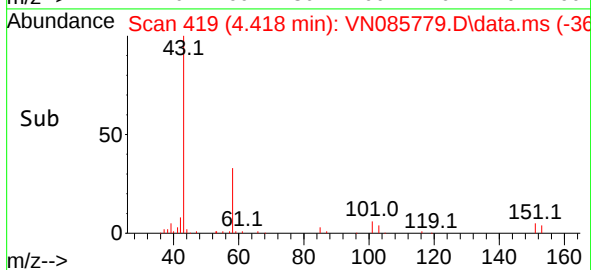
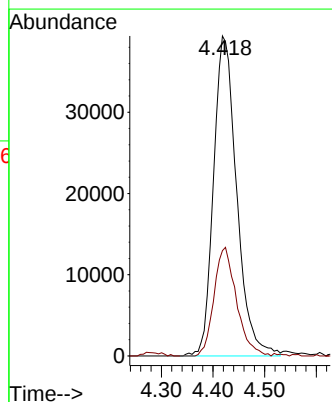
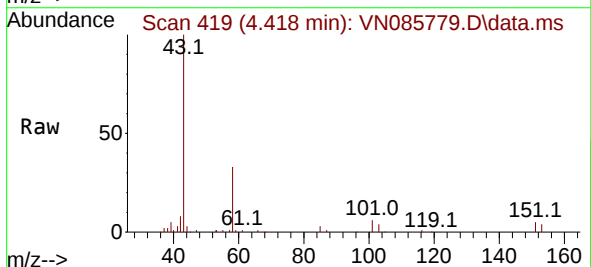
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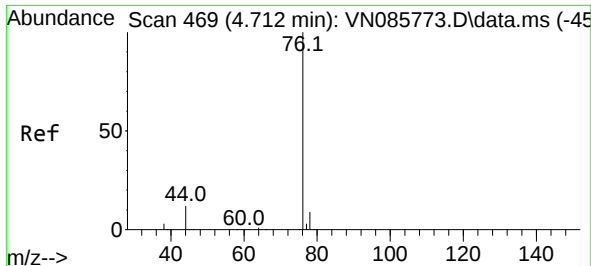
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#16
Acetone
Concen: 96.596 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Tgt Ion: 43 Resp: 122455
Ion Ratio Lower Upper
43 100
58 32.9 27.5 41.3





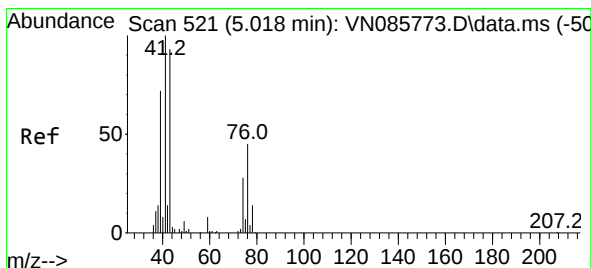
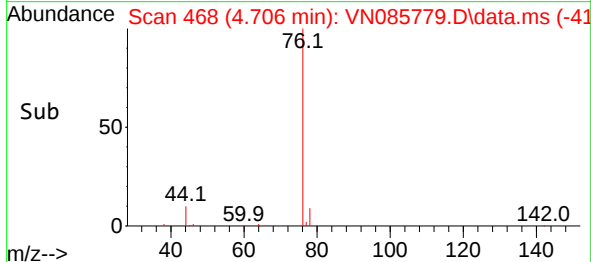
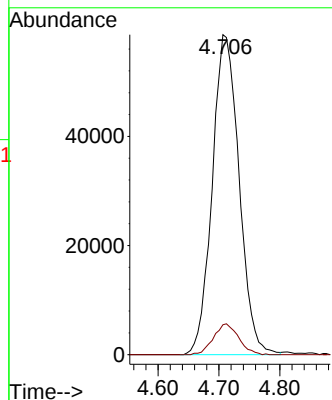
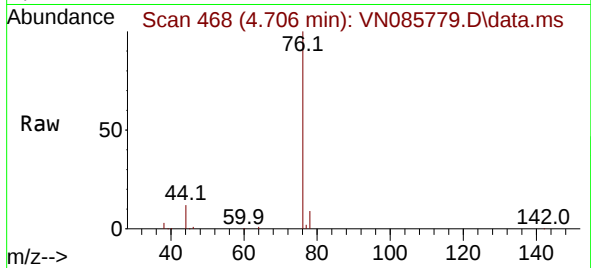
#17
Carbon Disulfide
Concen: 17.910 ug/l
RT: 4.706 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 17988
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

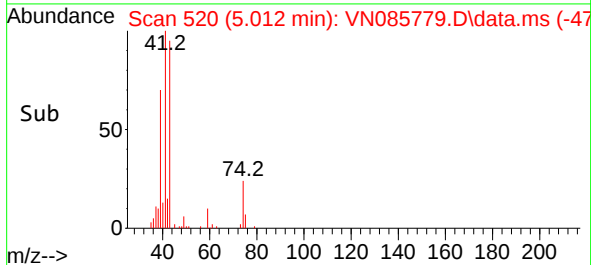
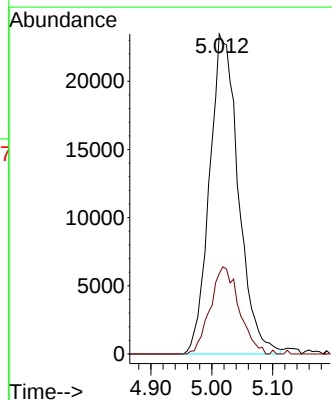
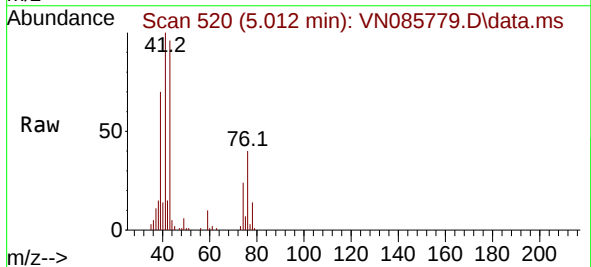
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Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#18
Methyl Acetate
Concen: 17.712 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Tgt Ion: 43 Resp: 77229
Ion Ratio Lower Upper
43 100
74 27.2 22.2 33.4





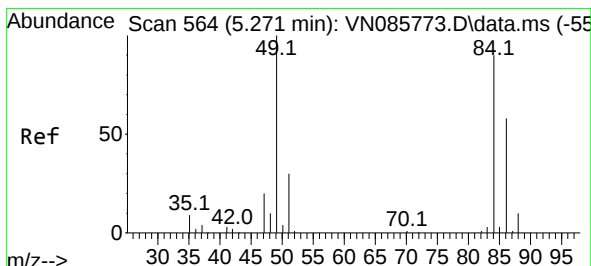
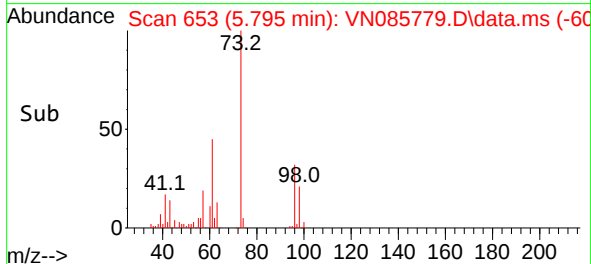
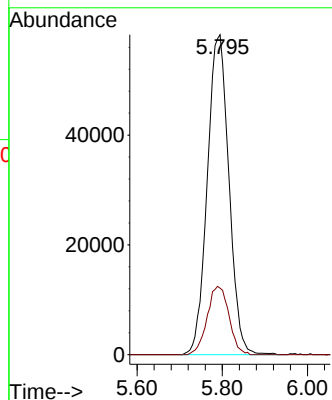
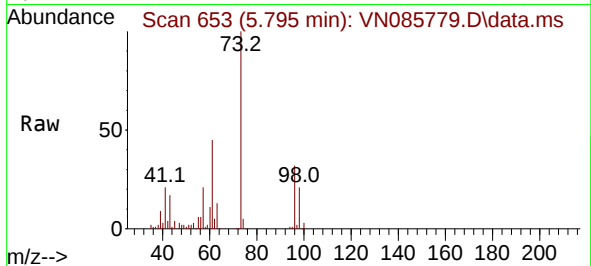
#19
Methyl tert-butyl Ether
Concen: 20.362 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 20504
Ion Ratio Lower Upper
73 100
57 20.8 17.6 26.4

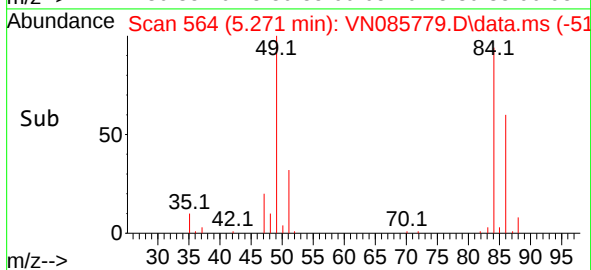
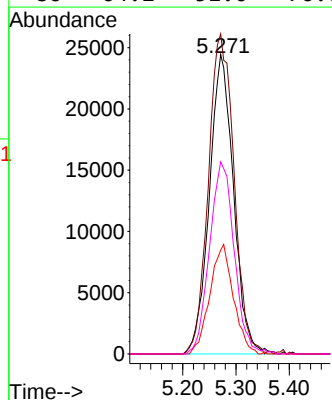
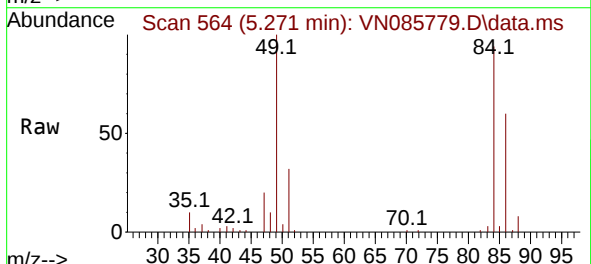
Manual Integrations
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Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#20
Methylene Chloride
Concen: 18.963 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

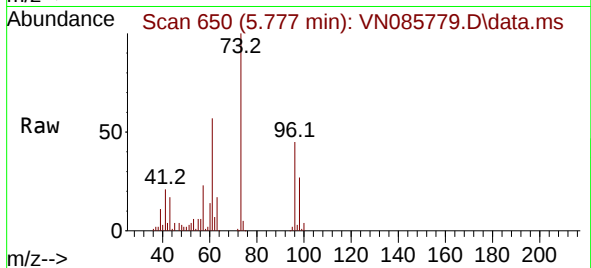
Tgt Ion: 84 Resp: 77308
Ion Ratio Lower Upper
84 100
49 106.9 88.4 132.6
51 34.7 26.6 40.0
86 64.2 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.162 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

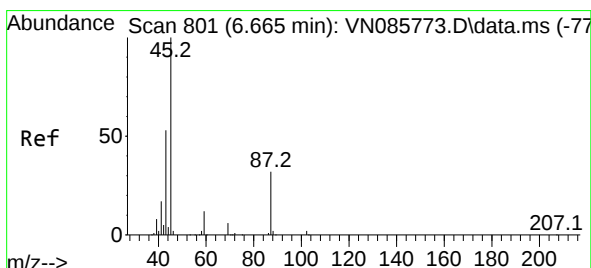
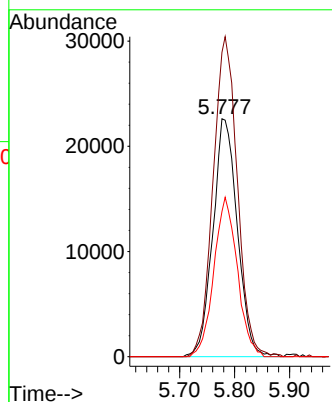
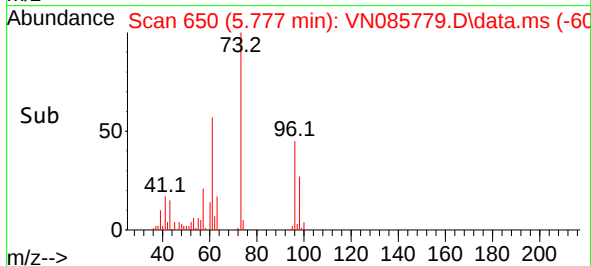
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 69924
Ion Ratio Lower Upper
96 100
61 127.9 112.6 168.8
98 61.0 53.3 79.9

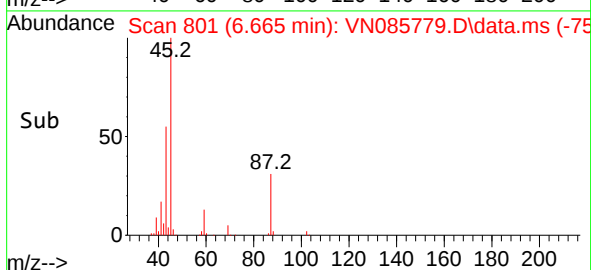
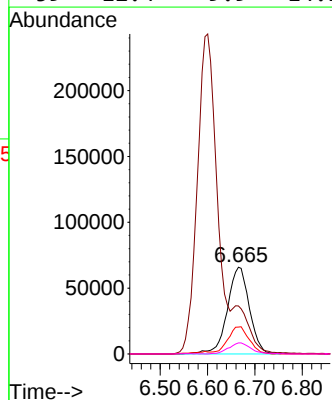
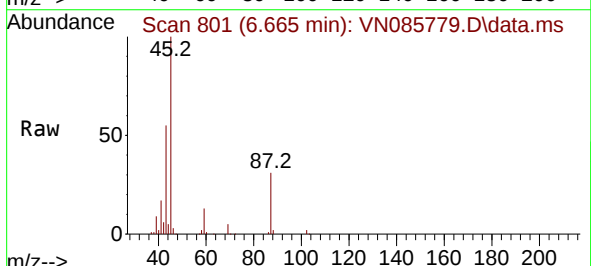
Manual Integrations
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Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#22
Diisopropyl ether
Concen: 21.095 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Tgt Ion: 45 Resp: 212086
Ion Ratio Lower Upper
45 100
43 53.6 42.6 64.0
87 31.0 25.8 38.8
59 12.4 9.9 14.9





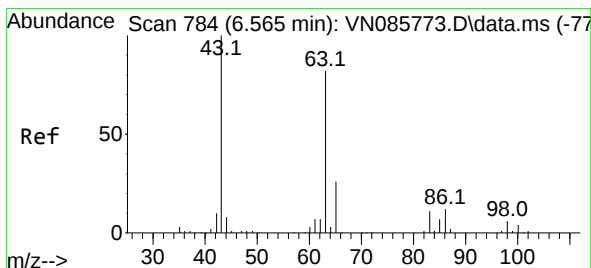
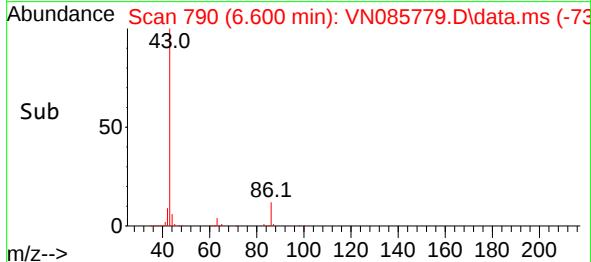
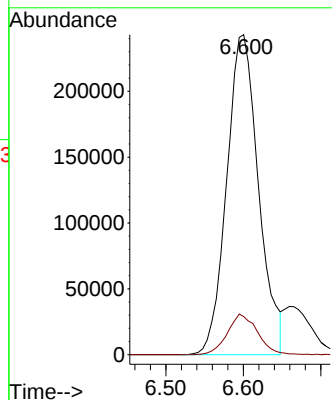
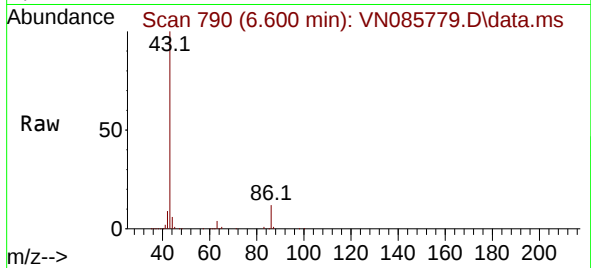
#23
 Vinyl Acetate
 Concen: 101.409 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085779.D
 Acq: 18 Feb 2025 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 69594
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.8 14.8

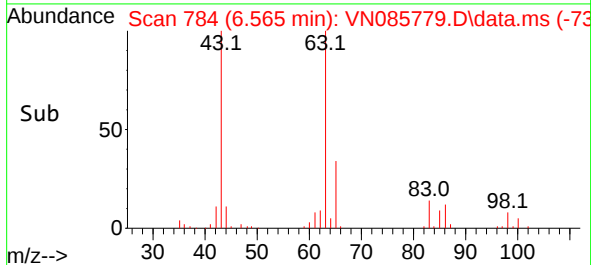
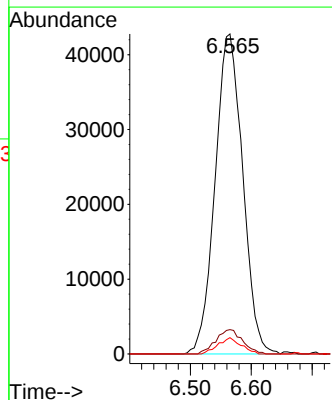
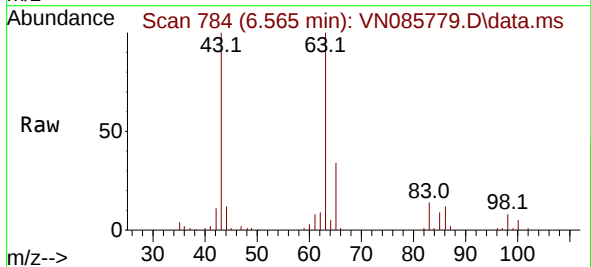
Manual Integrations
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Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#24
 1,1-Dichloroethane
 Concen: 19.697 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085779.D
 Acq: 18 Feb 2025 14:18

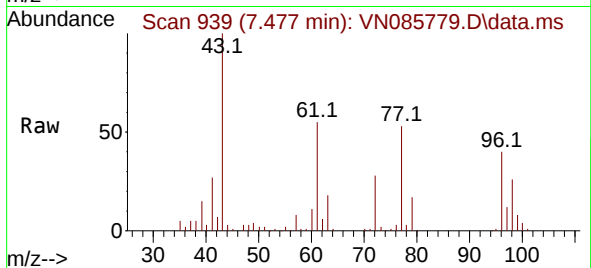
Tgt Ion: 63 Resp: 134620
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 5.1 2.4 7.2





#25
2-Butanone
Concen: 99.012 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

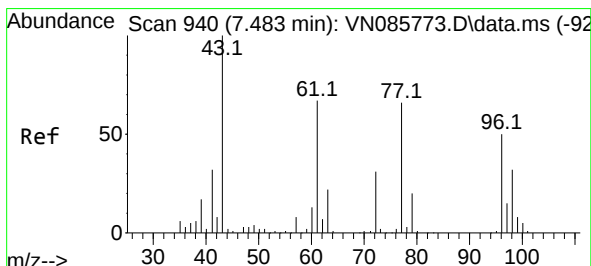
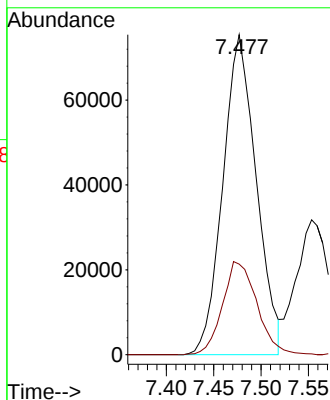
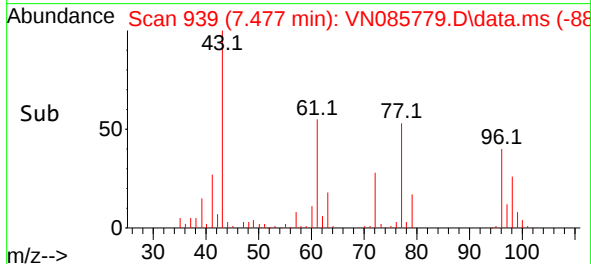
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



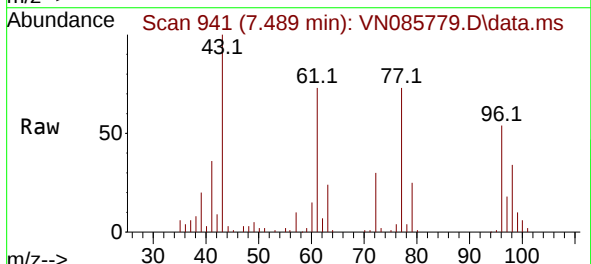
Tgt Ion: 43 Resp: 184659
Ion Ratio Lower Upper
43 100
72 28.3 23.6 35.4

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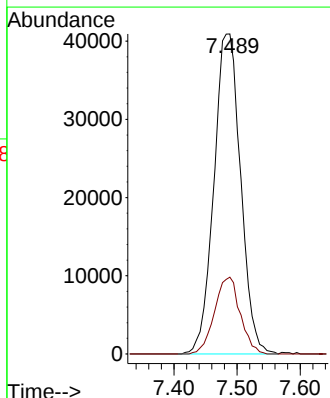
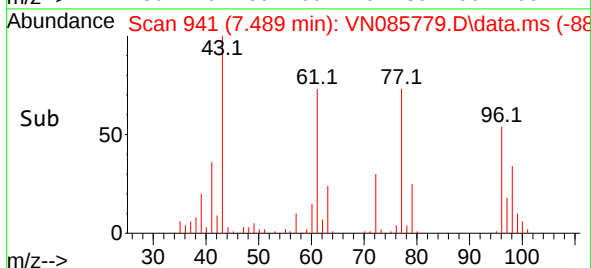
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#26
2,2-Dichloropropane
Concen: 19.752 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18



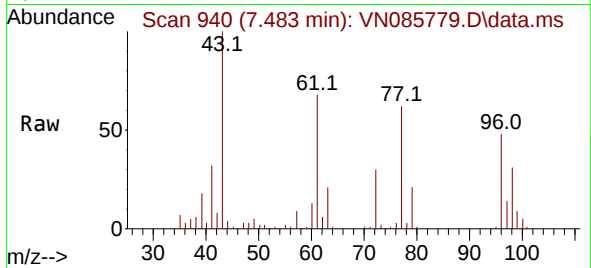
Tgt Ion: 77 Resp: 120039
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.590 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085779.D
 Acq: 18 Feb 2025 14:18

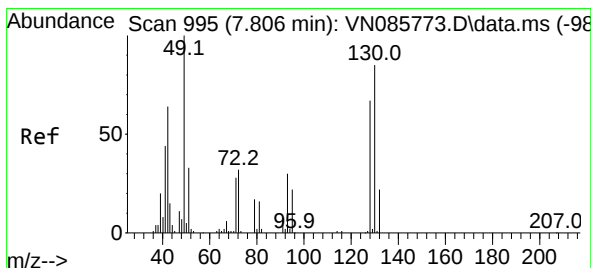
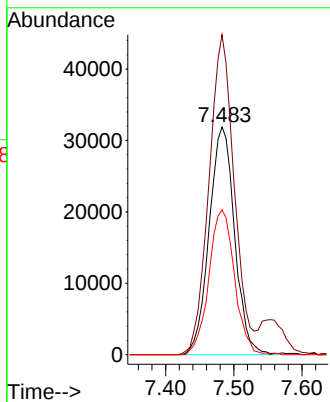
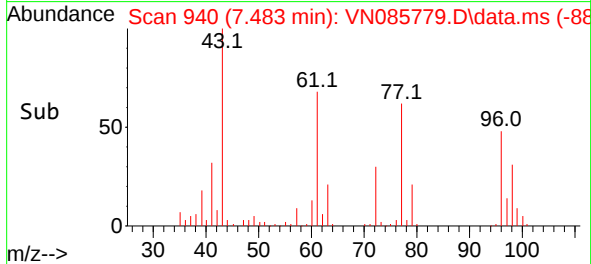
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020



Tgt Ion: 96 Resp: 82880
 Ion Ratio Lower Upper
 96 100
 61 139.2 0.0 280.6
 98 63.9 0.0 128.6

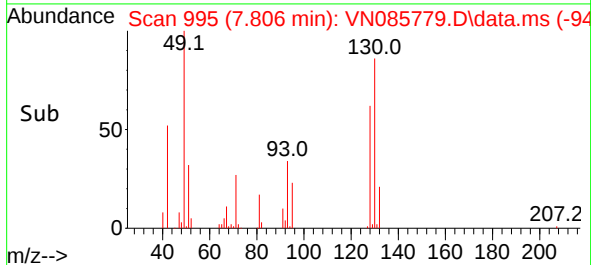
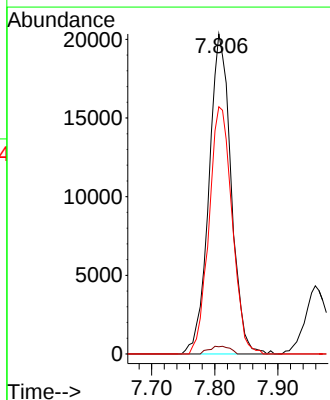
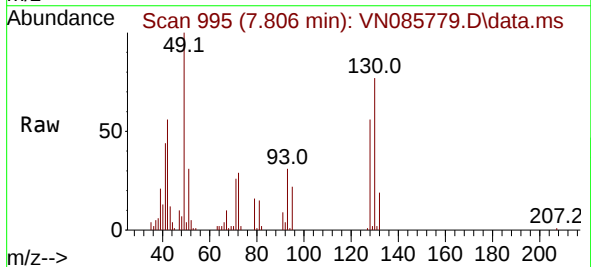
Manual Integrations
 APPROVED

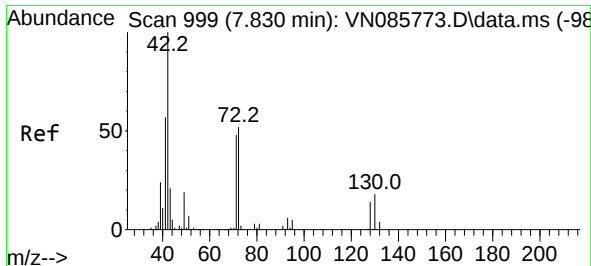
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#28
 Bromochloromethane
 Concen: 17.678 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085779.D
 Acq: 18 Feb 2025 14:18

Tgt Ion: 49 Resp: 49657
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 80.5 68.0 102.0





#29

Tetrahydrofuran

Concen: 104.482 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085779.D

Acq: 18 Feb 2025 14:18

Instrument :

MSVOA_N

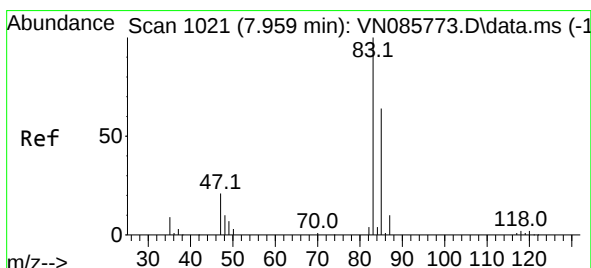
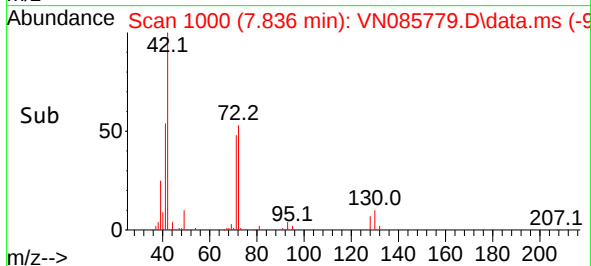
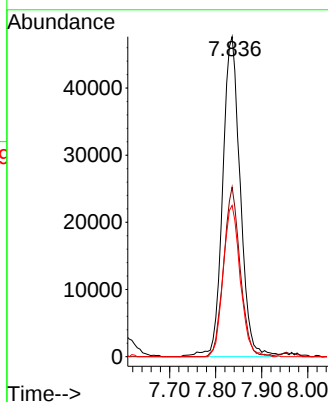
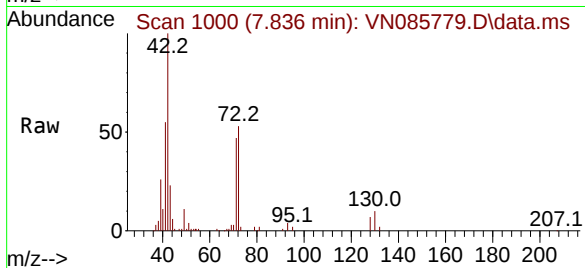
ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 12583
 Ion Ratio Lower Upper
 42 100
 72 50.0 40.0 60.0
 71 46.0 37.0 55.4

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



#30

Chloroform

Concen: 19.750 ug/l

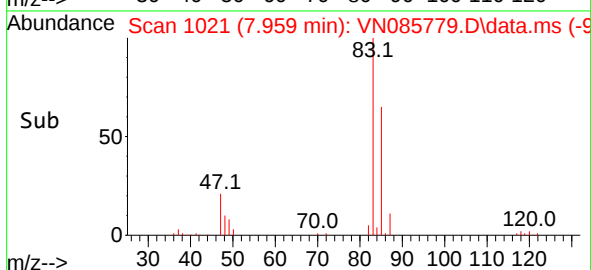
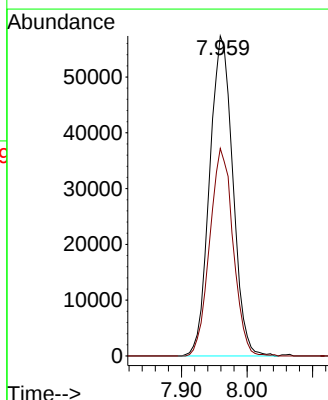
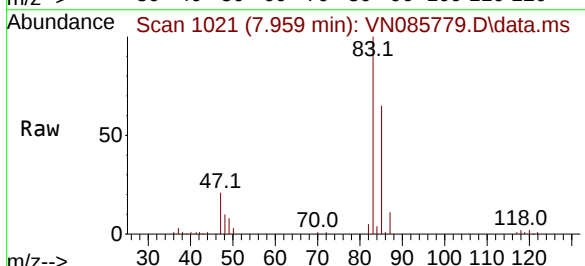
RT: 7.959 min Scan# 1021

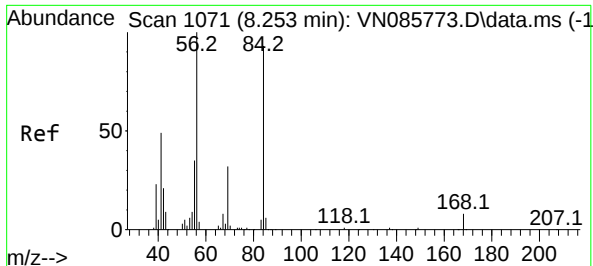
Delta R.T. 0.000 min

Lab File: VN085779.D

Acq: 18 Feb 2025 14:18

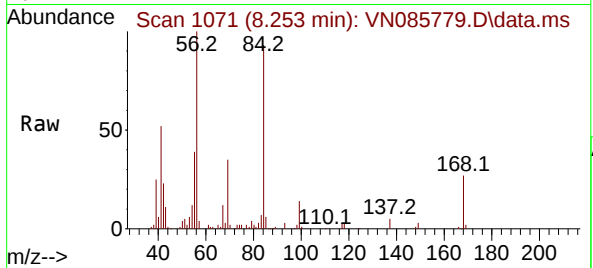
Tgt Ion: 83 Resp: 141059
 Ion Ratio Lower Upper
 83 100
 85 64.9 50.9 76.3





#31
Cyclohexane
Concen: 18.525 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

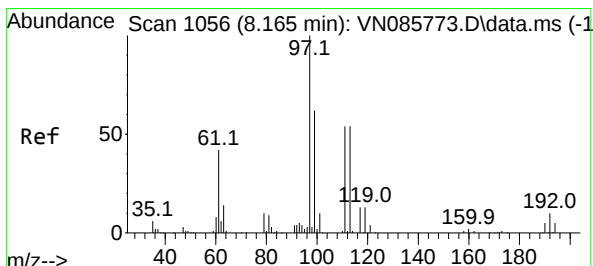
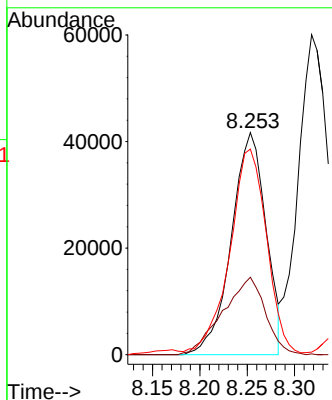
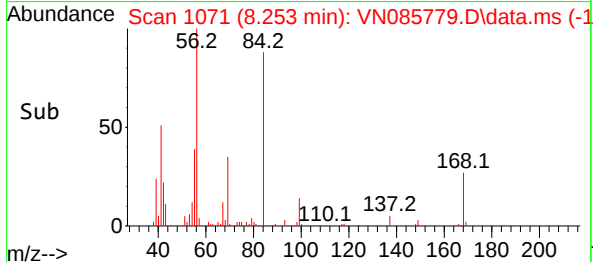
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



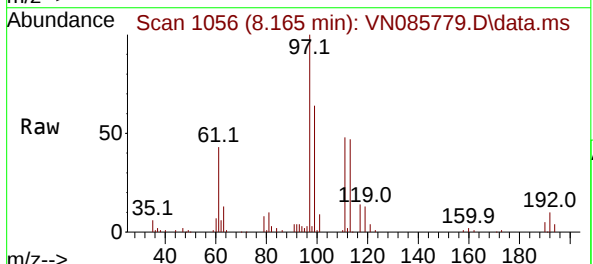
Tgt Ion: 56 Resp: 106009
Ion Ratio Lower Upper
56 100
69 34.9 25.8 38.6
84 91.1 74.5 111.7

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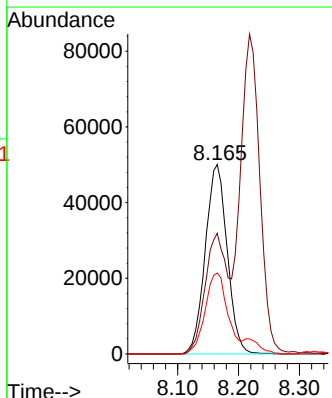
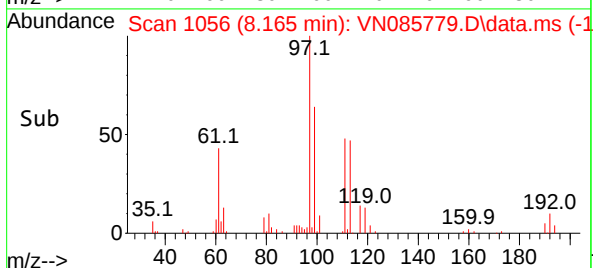
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#32
1,1,1-Trichloroethane
Concen: 19.686 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18



Tgt Ion: 97 Resp: 125061
Ion Ratio Lower Upper
97 100
99 65.6 50.4 75.6
61 44.4 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 17.751 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VN085779.D

Acq: 18 Feb 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 7111

Ion Ratio Lower Upper

65 100

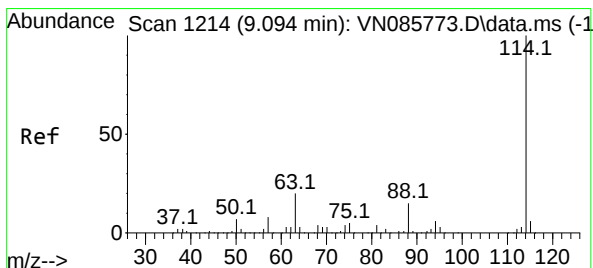
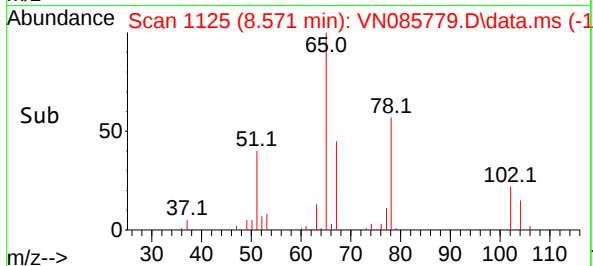
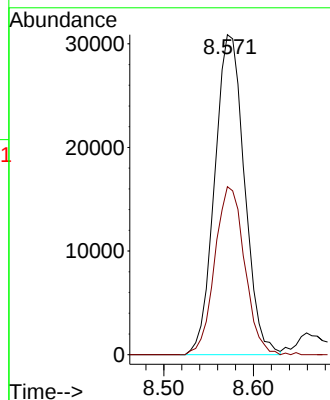
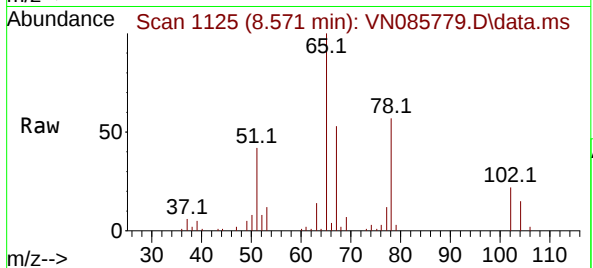
67 52.6 0.0 106.2

Manual Integrations

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Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VN085779.D

Acq: 18 Feb 2025 14:18

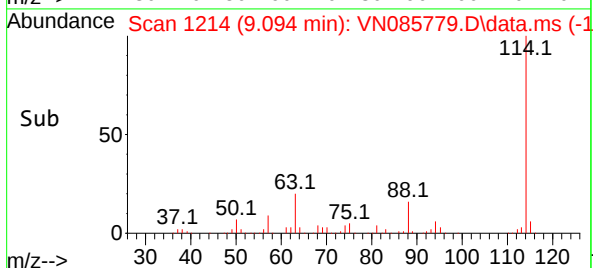
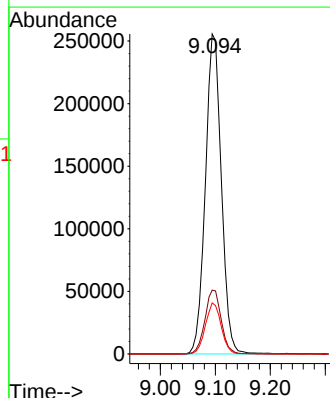
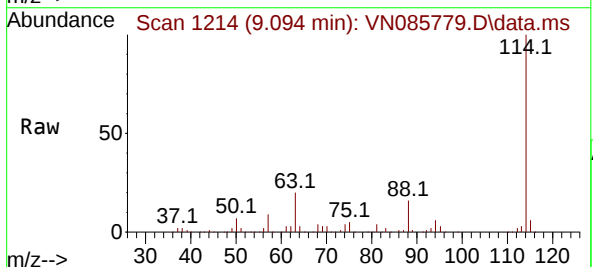
Tgt Ion:114 Resp: 515996

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

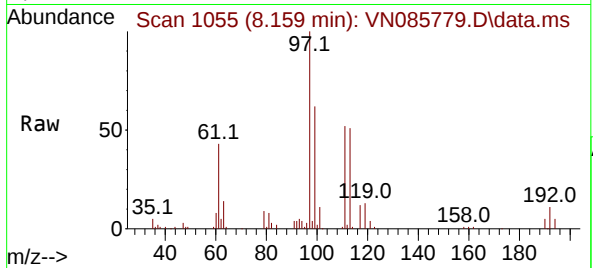
88 16.0 0.0 30.0





#35
Dibromofluoromethane
Concen: 17.903 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

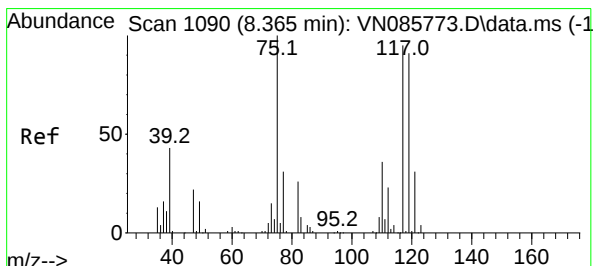
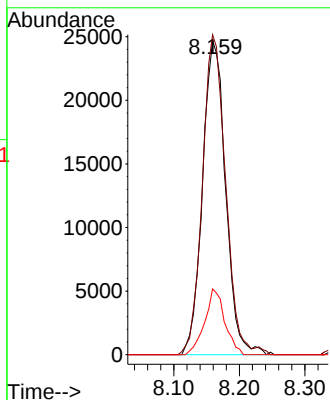
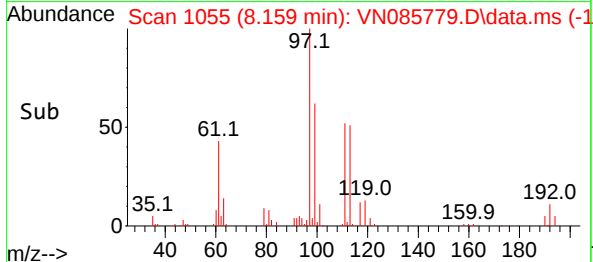
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



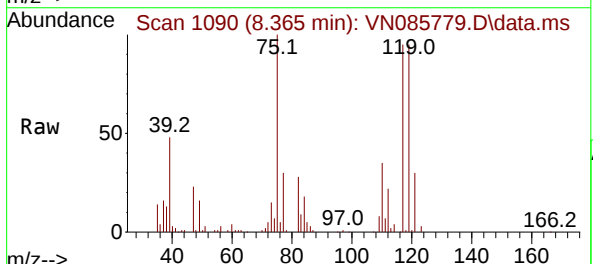
Tgt Ion: 113 Resp: 6044
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 18.2 14.7 22.1

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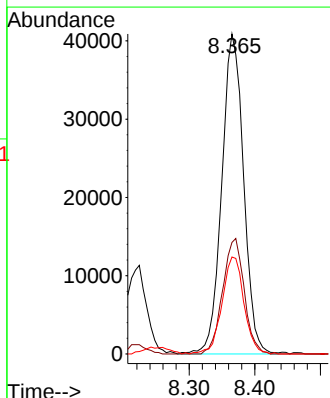
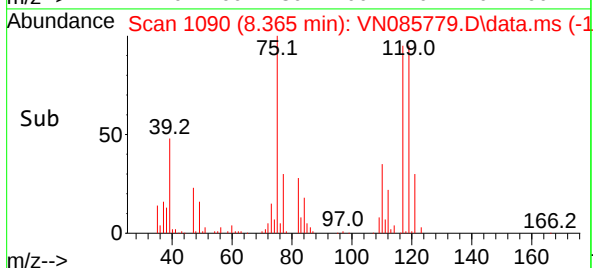
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

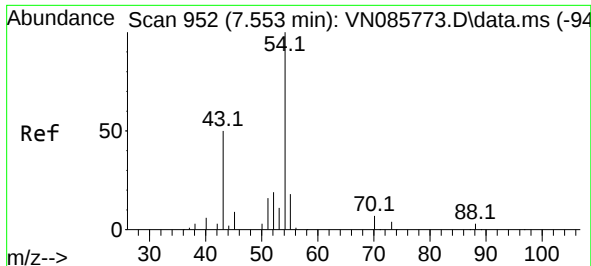


#36
1,1-Dichloropropene
Concen: 19.772 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18



Tgt Ion: 75 Resp: 94481
Ion Ratio Lower Upper
75 100
110 35.6 17.3 52.0
77 30.5 24.6 37.0





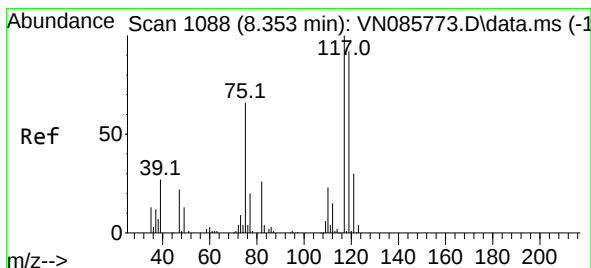
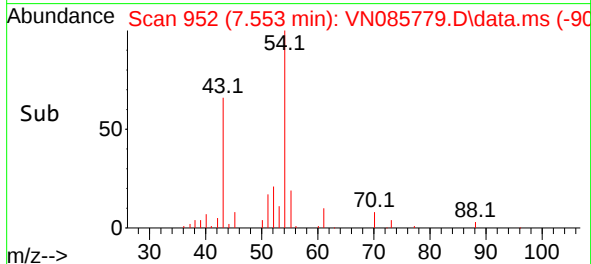
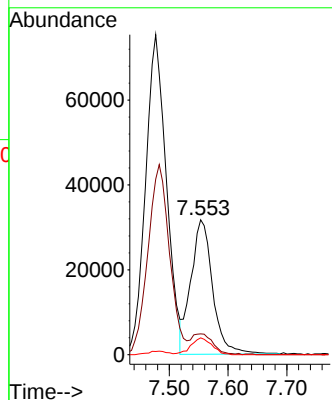
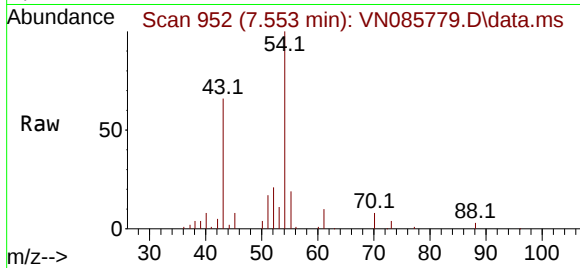
#37
Ethyl Acetate
Concen: 20.780 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 81710
Ion Ratio Lower Upper
43 100
61 15.7 12.2 18.2
70 12.0 9.5 14.3

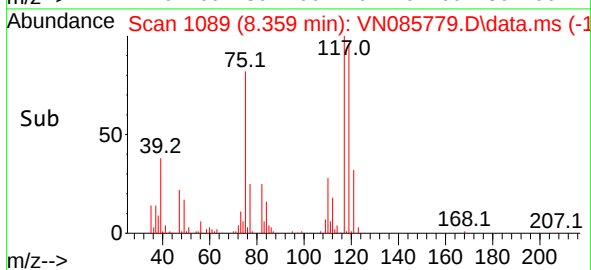
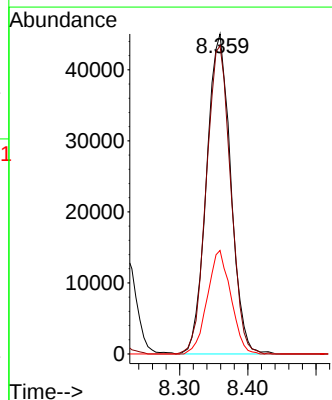
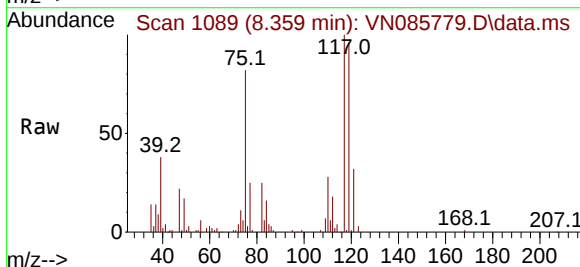
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 19.574 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Tgt Ion:117 Resp: 111137
Ion Ratio Lower Upper
117 100
119 96.4 73.8 110.6
121 32.4 24.3 36.5





#39
Methylcyclohexane
Concen: 19.907 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.006 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

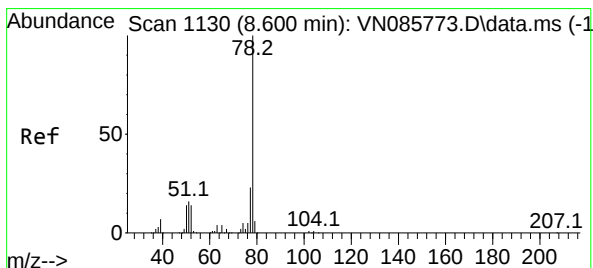
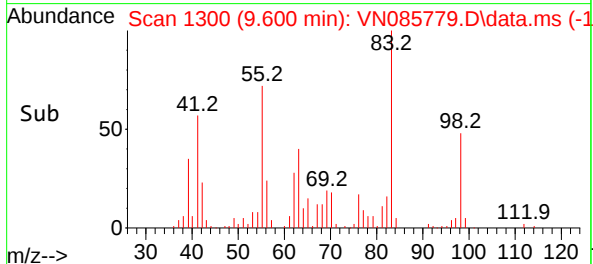
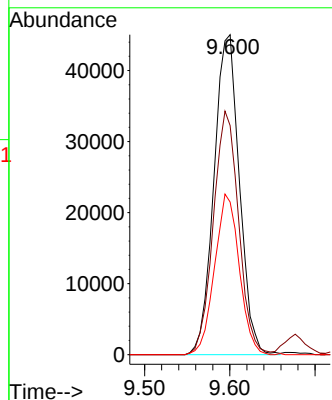
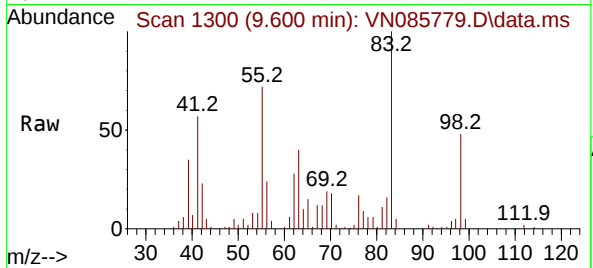
VSTDICC020

Tgt Ion: 83 Resp: 93454
Ion Ratio Lower Upper
83 100
55 71.6 57.5 86.3
98 47.7 39.2 58.8

Manual Integrations

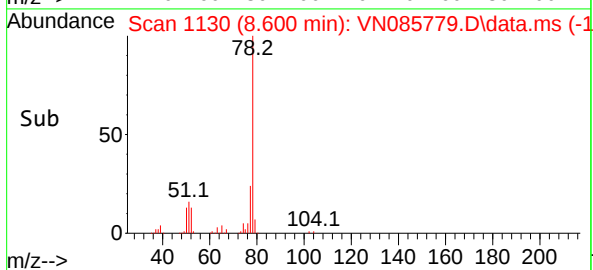
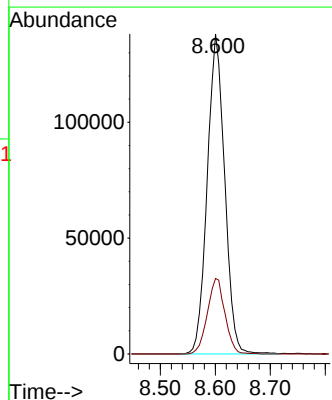
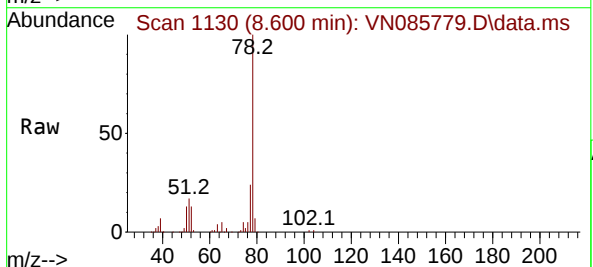
APPROVED

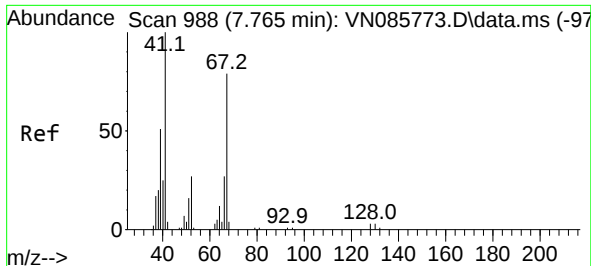
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#40
Benzene
Concen: 19.863 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

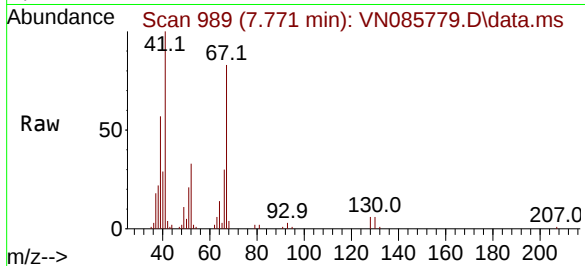
Tgt Ion: 78 Resp: 304209
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5





#41
Methacrylonitrile
Concen: 20.724 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

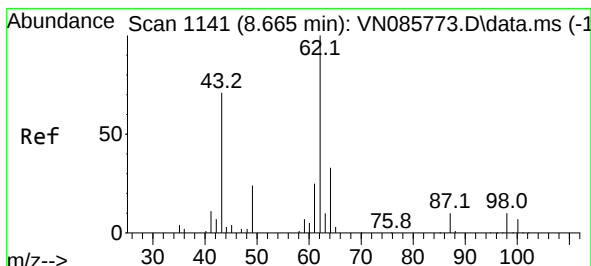
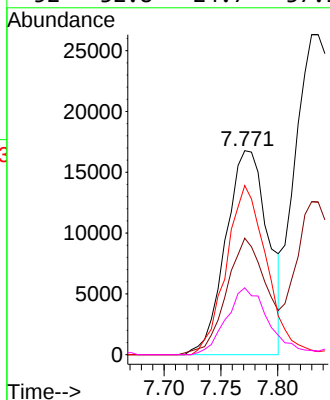
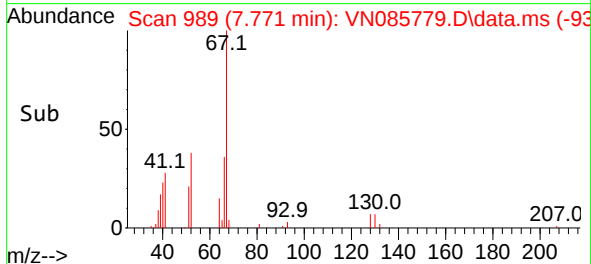
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 4356
Ion Ratio Lower Upper
41 100
39 53.7 42.0 63.0
67 79.2 64.2 96.4
52 32.8 24.7 37.1

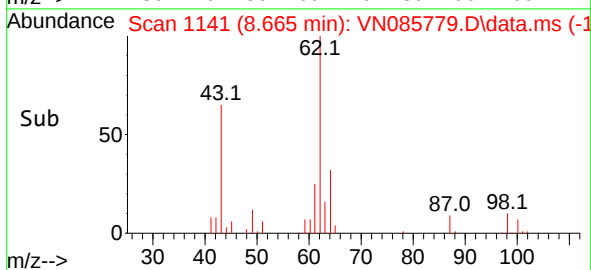
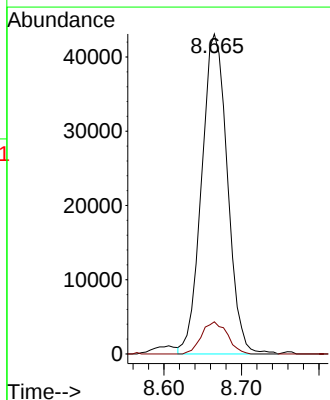
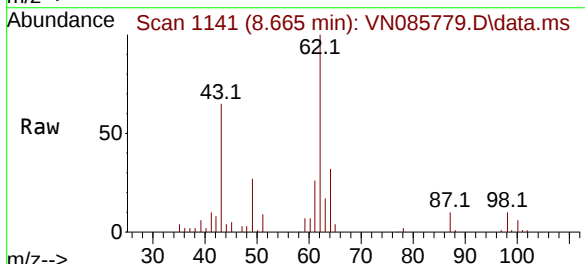
Manual Integrations
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Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#42
1,2-Dichloroethane
Concen: 19.975 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

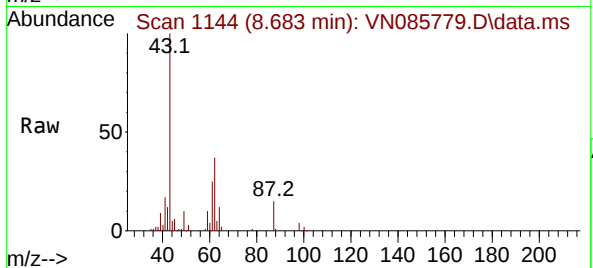
Tgt Ion: 62 Resp: 99651
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.6





#43
Isopropyl Acetate
Concen: 19.709 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

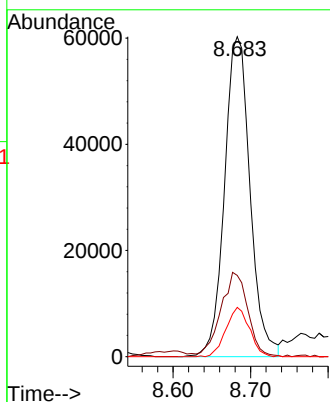
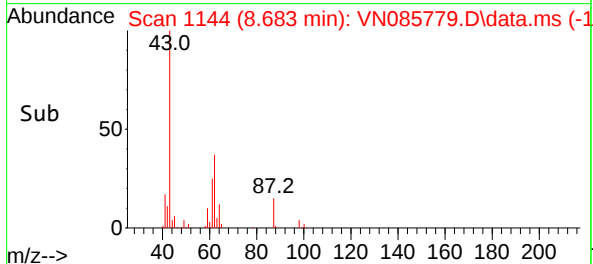
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



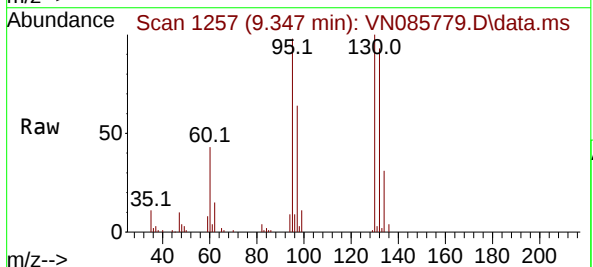
Tgt Ion: 43 Resp: 138304
Ion Ratio Lower Upper
43 100
61 27.8 22.6 34.0
87 14.2 11.8 17.8

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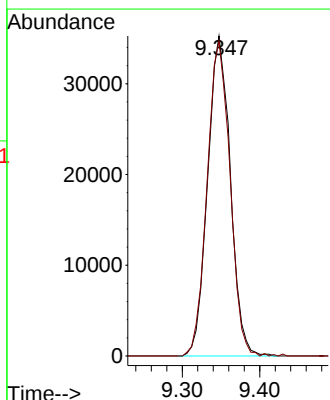
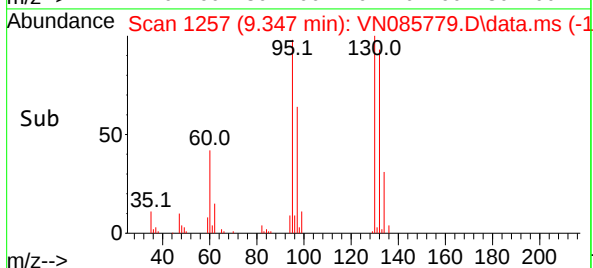
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#44
Trichloroethene
Concen: 19.085 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18



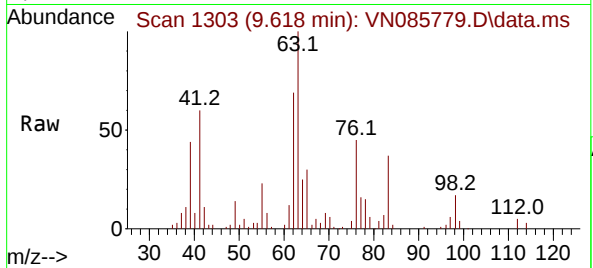
Tgt Ion:130 Resp: 71769
Ion Ratio Lower Upper
130 100
95 98.3 0.0 202.6





#45
1,2-Dichloropropane
Concen: 19.947 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

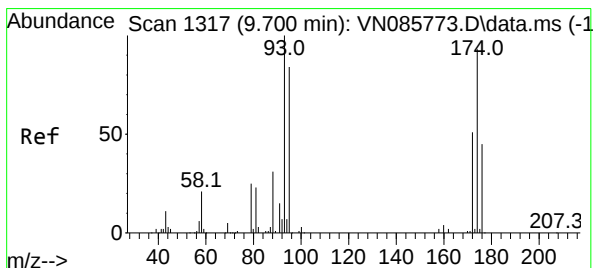
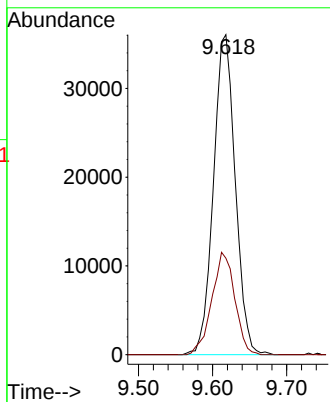
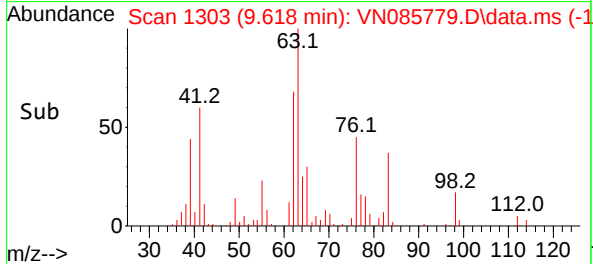
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



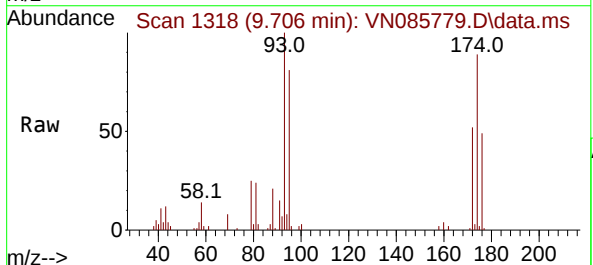
Tgt Ion: 63 Resp: 7374
Ion Ratio Lower Upper
63 100
65 30.1 25.1 37.7

Manual Integrations
APPROVED

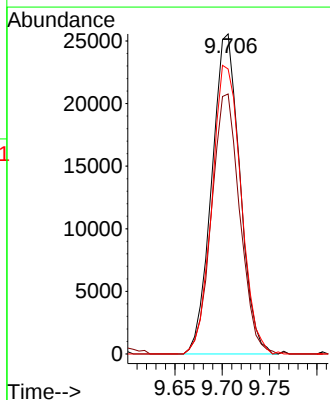
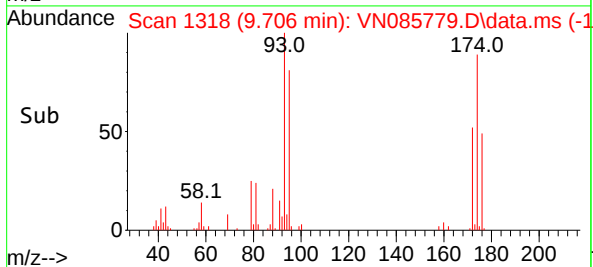
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#46
Dibromomethane
Concen: 20.278 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18



Tgt Ion: 93 Resp: 52878
Ion Ratio Lower Upper
93 100
95 81.7 66.7 100.1
174 93.0 77.2 115.8





#47

Bromodichloromethane

Concen: 20.010 ug/l

RT: 9.883 min Scan# 111634

Delta R.T. 0.000 min

Lab File: VN085779.D

Acq: 18 Feb 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 111634

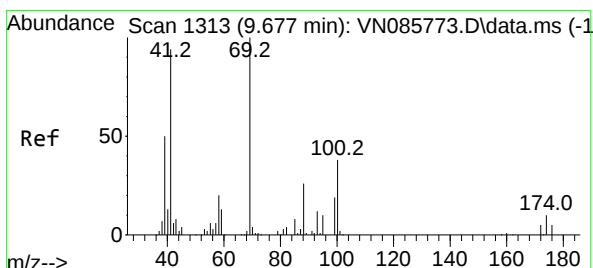
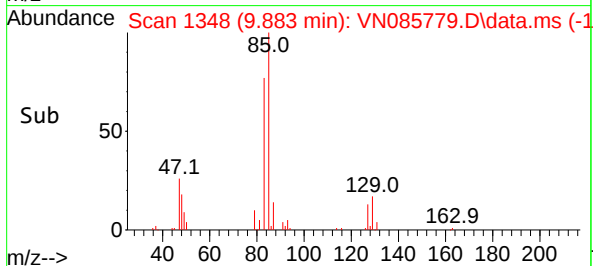
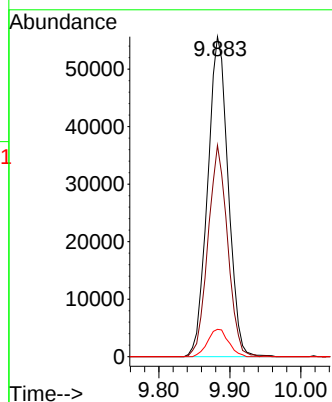
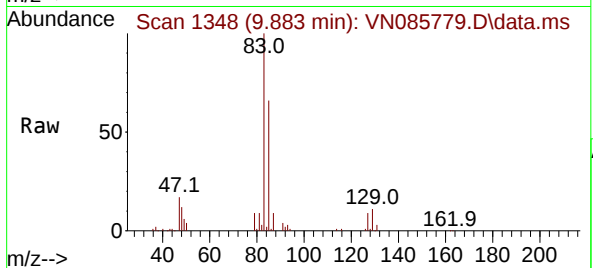
Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.5	75.7
127	8.6	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#48

Methyl methacrylate

Concen: 20.781 ug/l

RT: 9.677 min Scan# 1313

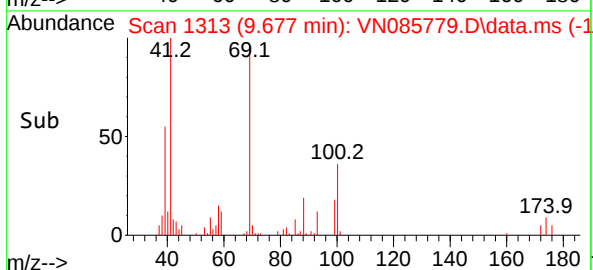
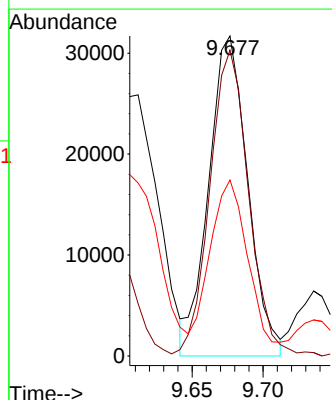
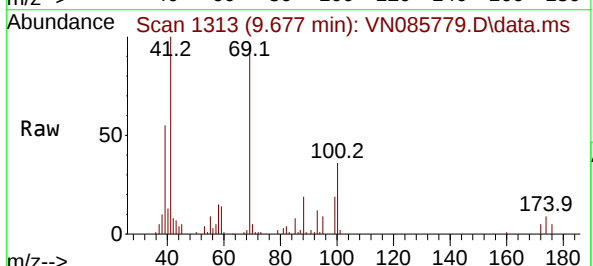
Delta R.T. 0.000 min

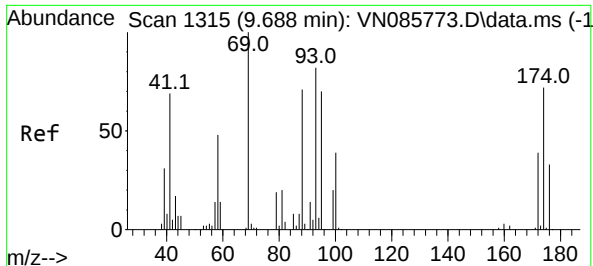
Lab File: VN085779.D

Acq: 18 Feb 2025 14:18

Tgt Ion: 41 Resp: 60690

Ion	Ratio	Lower	Upper
41	100		
69	95.1	76.0	114.0
39	54.7	42.3	63.5





#49

1,4-Dioxane

Concen: 392.137 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN085779.D

Acq: 18 Feb 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 21778

Ion Ratio Lower Upper

88 100

43 0.0 18.6 27.8

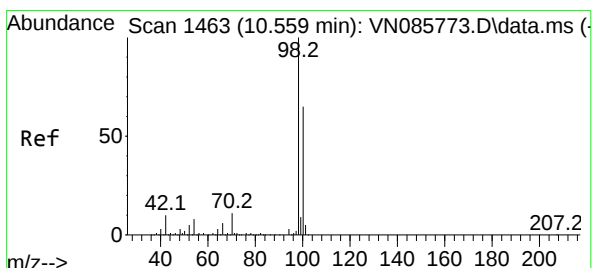
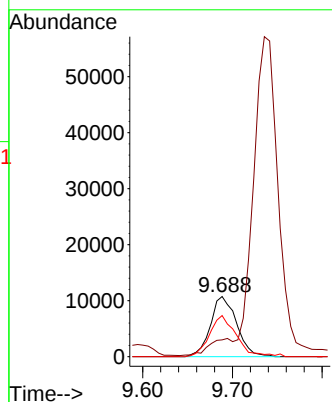
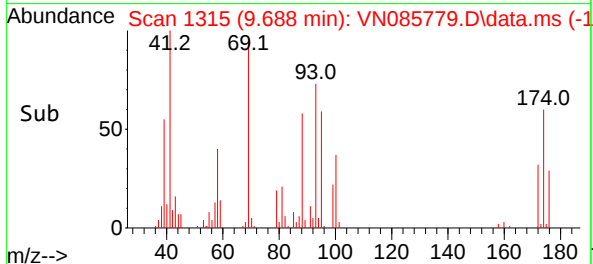
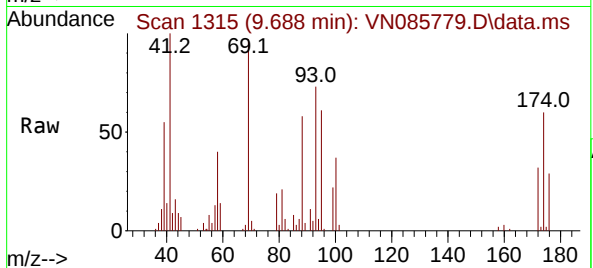
58 70.5 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#50

Toluene-d8

Concen: 18.140 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VN085779.D

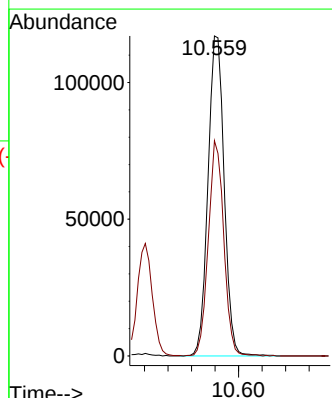
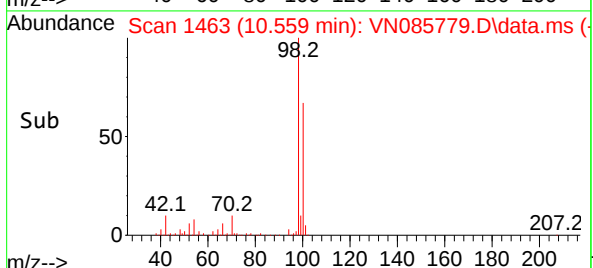
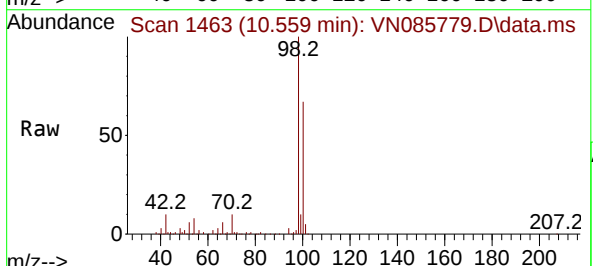
Acq: 18 Feb 2025 14:18

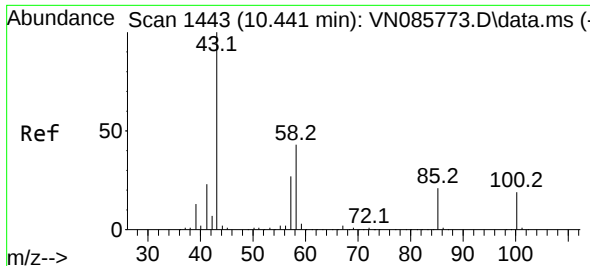
Tgt Ion: 98 Resp: 222839

Ion Ratio Lower Upper

98 100

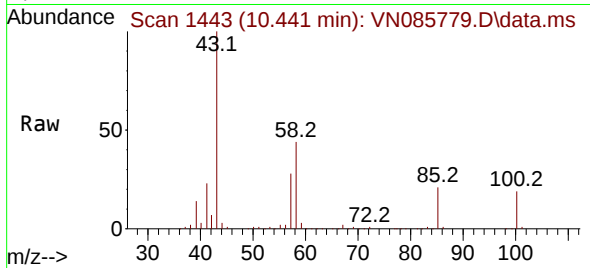
100 64.3 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 105.563 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

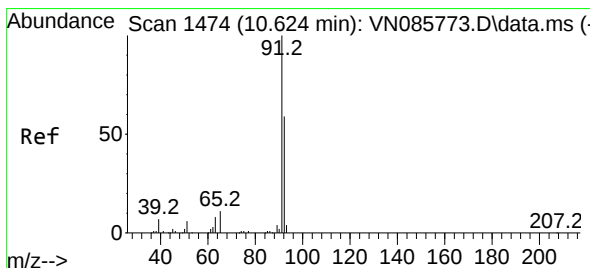
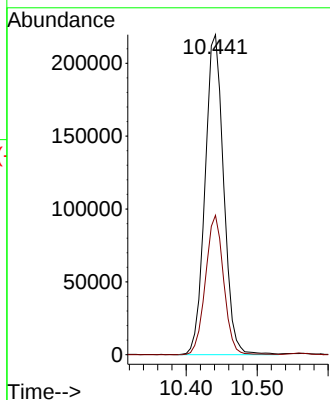
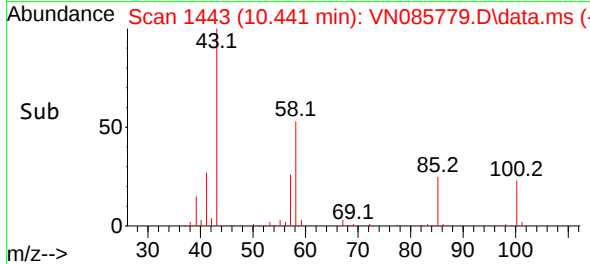
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



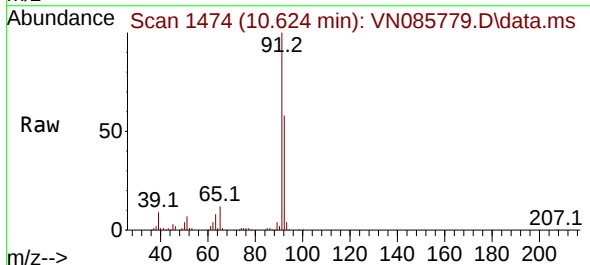
Tgt Ion: 43 Resp: 400235
Ion Ratio Lower Upper
43 100
58 42.5 34.6 52.0

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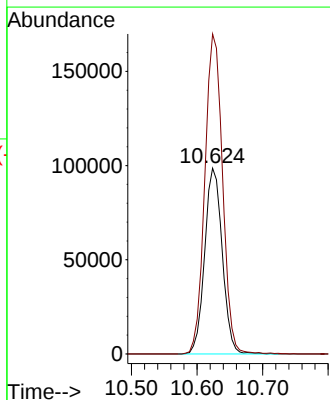
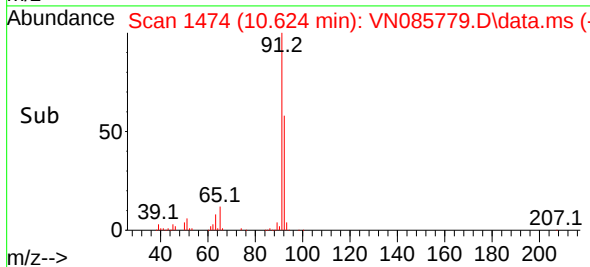
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#52
Toluene
Concen: 20.495 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18



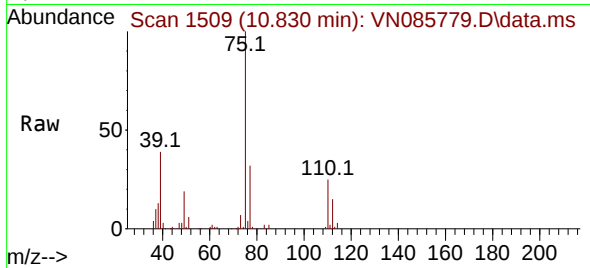
Tgt Ion: 92 Resp: 184001
Ion Ratio Lower Upper
92 100
91 173.5 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 20.218 ug/l
RT: 10.830 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

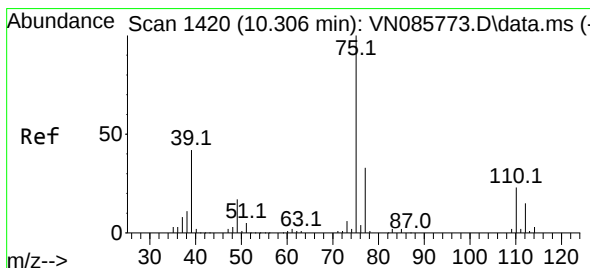
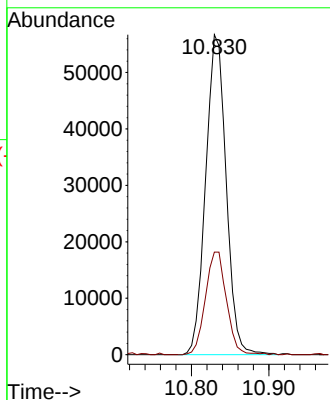
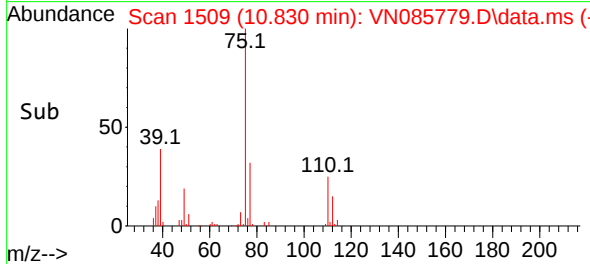
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 10430
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

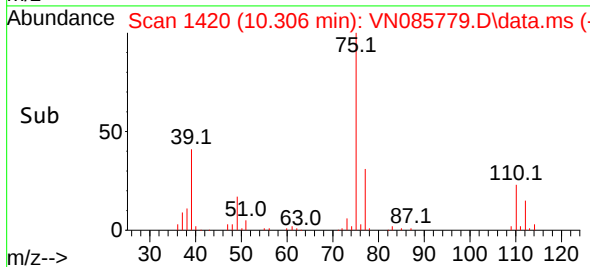
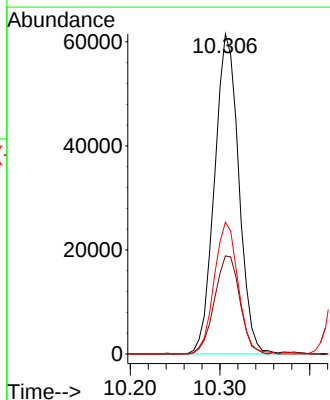
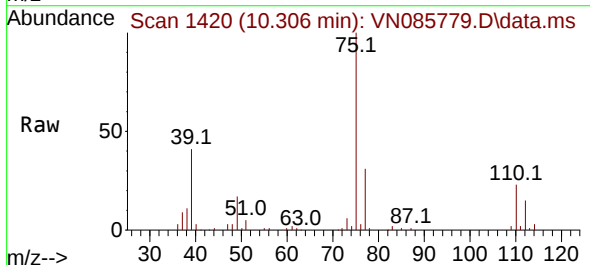
Manual Integrations
APPROVED

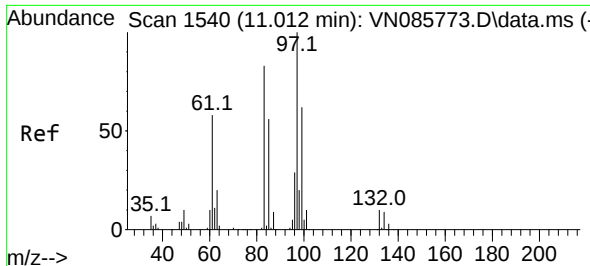
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#54
cis-1,3-Dichloropropene
Concen: 20.409 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

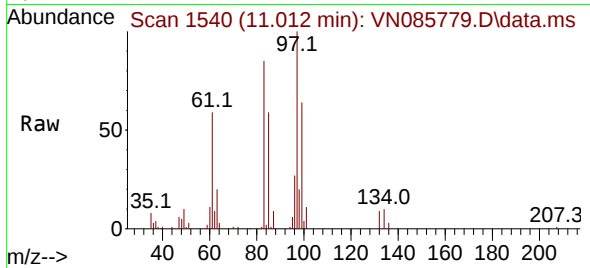
Tgt Ion: 75 Resp: 115451
Ion Ratio Lower Upper
75 100
77 30.6 26.1 39.1
39 41.2 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 19.900 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

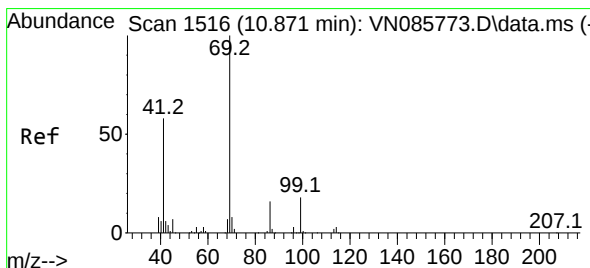
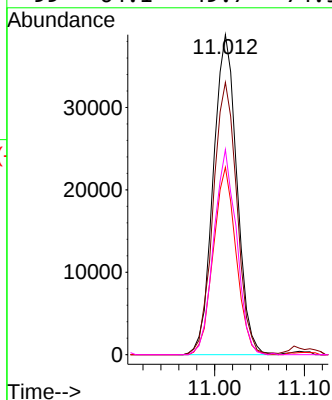
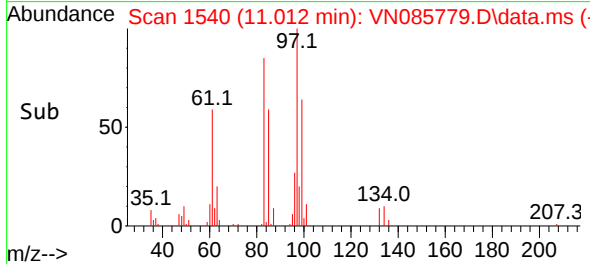
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



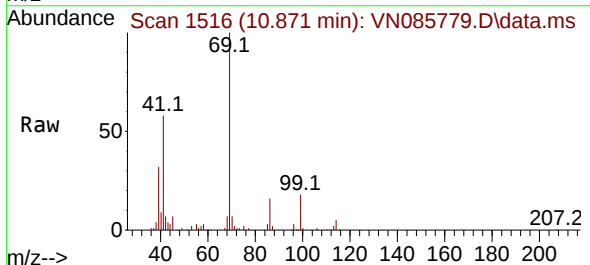
Tgt Ion:	97	Resp:	71034
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.1	99.1
85	58.6	44.7	67.1
99	64.1	49.7	74.5

Manual Integrations
APPROVED

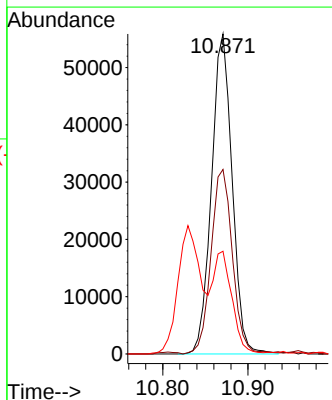
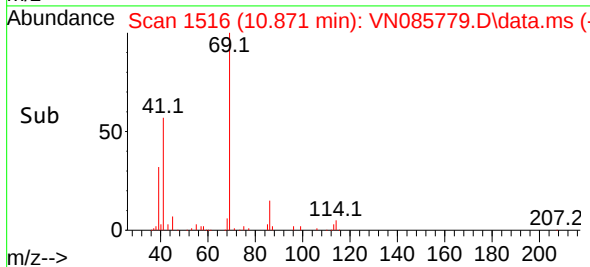
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

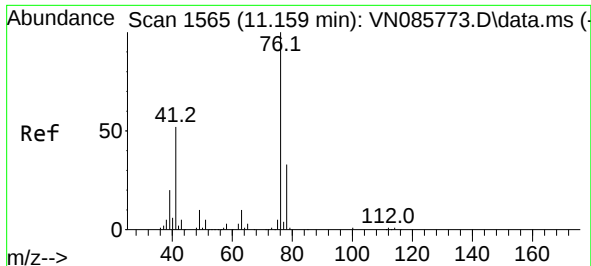


#56
Ethyl methacrylate
Concen: 20.003 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18



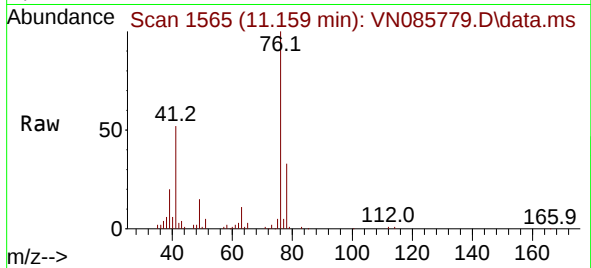
Tgt Ion:	69	Resp:	94315
Ion	Ratio	Lower	Upper
69	100		
41	60.1	46.0	69.0
39	28.6	22.0	33.0





#57
1,3-Dichloropropane
Concen: 20.080 ug/l
RT: 11.159 min Scan# 119649
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

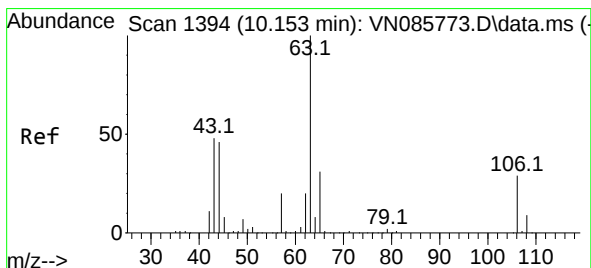
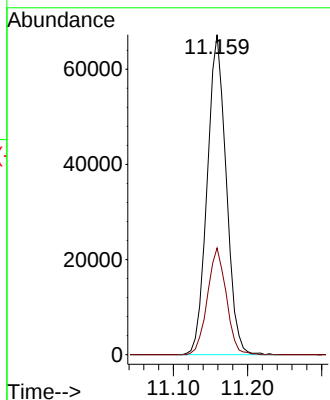
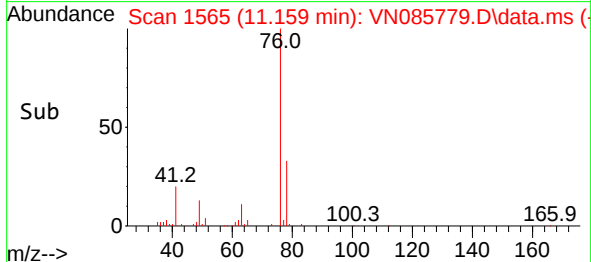
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



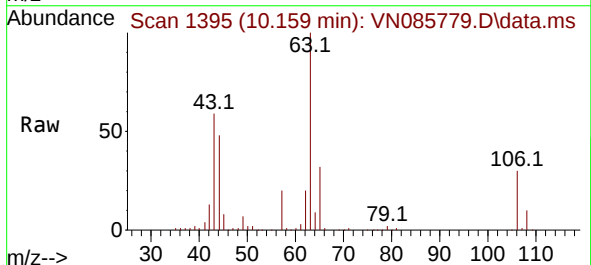
Tgt Ion: 76 Resp: 119649
Ion Ratio Lower Upper
76 100
78 33.1 25.9 38.9

Manual Integrations
APPROVED

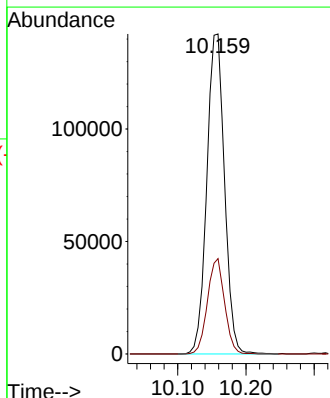
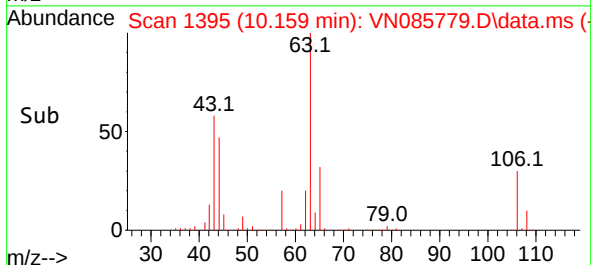
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

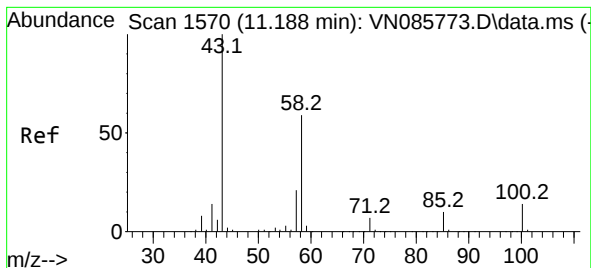


#58
2-Chloroethyl Vinyl ether
Concen: 146.107 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18



Tgt Ion: 63 Resp: 256540
Ion Ratio Lower Upper
63 100
106 28.9 22.7 34.1





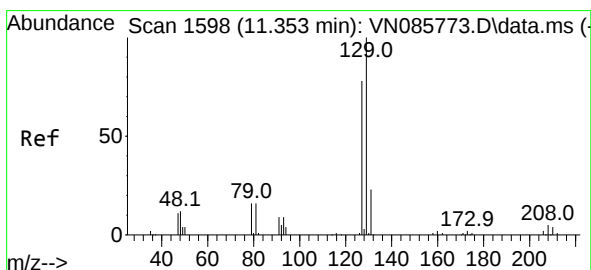
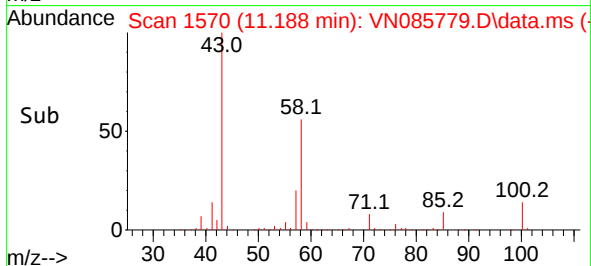
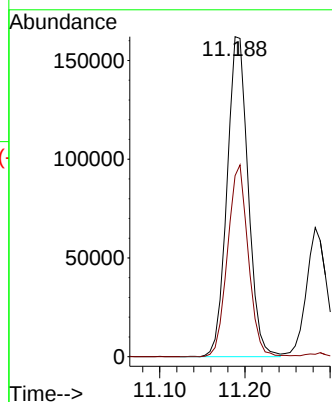
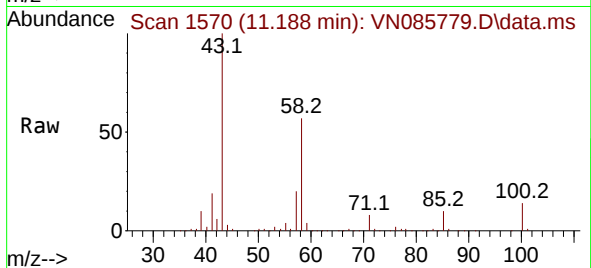
#59
2-Hexanone
Concen: 106.794 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 278550
Ion Ratio Lower Upper
43 100
58 58.8 29.8 89.5

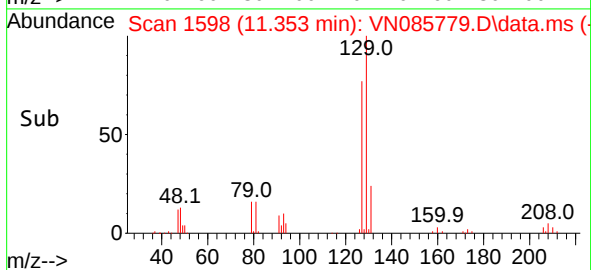
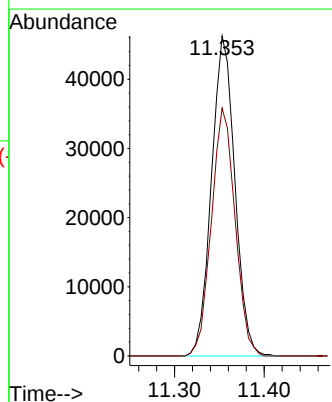
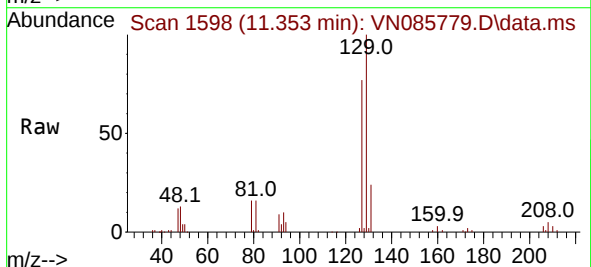
Manual Integrations
APPROVED

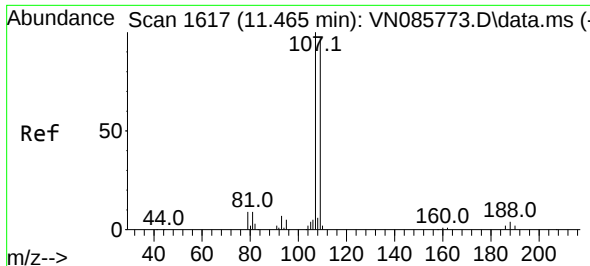
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#60
Dibromochloromethane
Concen: 20.125 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

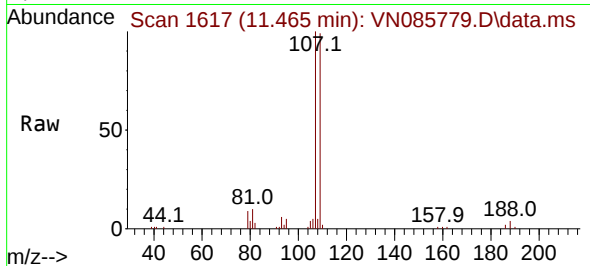
Tgt Ion:129 Resp: 83651
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.5





#61
1,2-Dibromoethane
Concen: 20.223 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

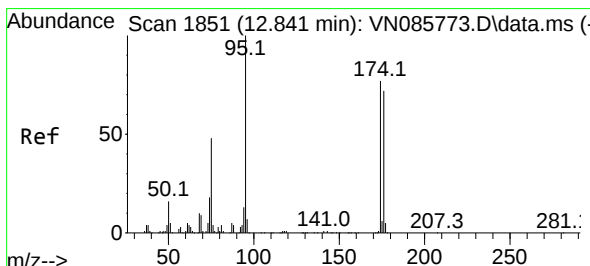
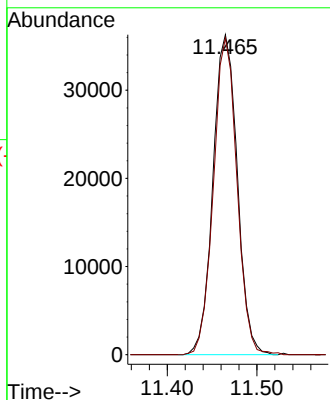
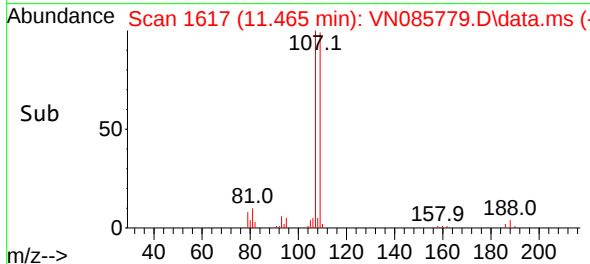
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



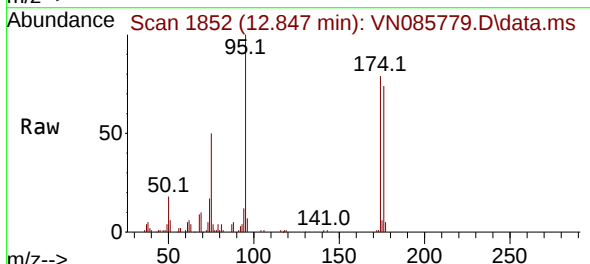
Tgt Ion:107 Resp: 6820
Ion Ratio Lower Upper
107 100
109 95.6 76.0 114.0

Manual Integrations
APPROVED

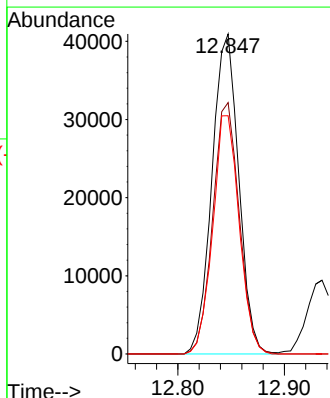
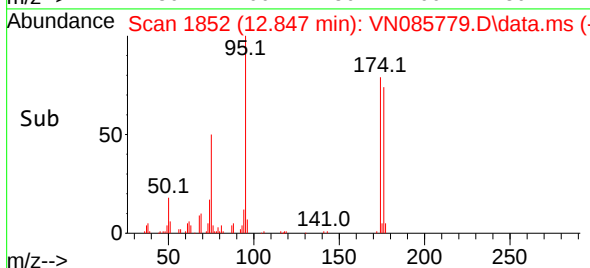
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

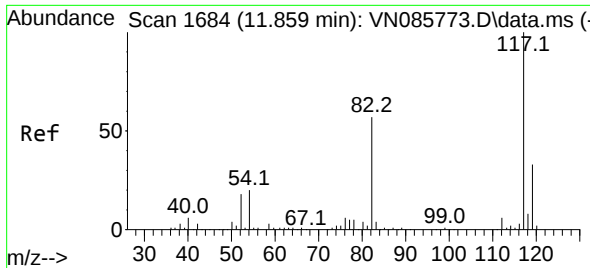


#62
4-Bromofluorobenzene
Concen: 17.627 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18



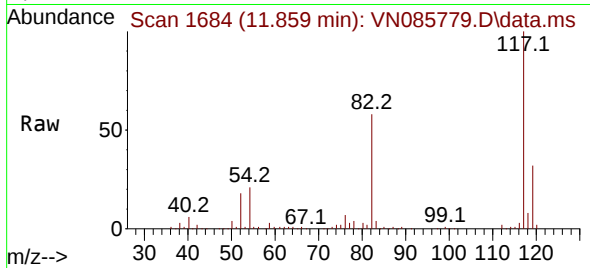
Tgt Ion: 95 Resp: 71343
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.4
176 73.6 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

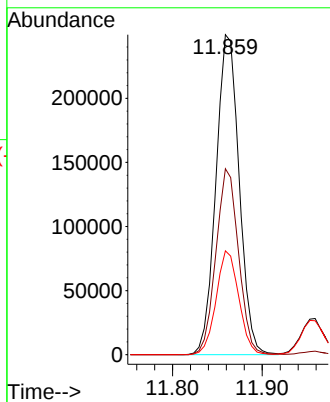
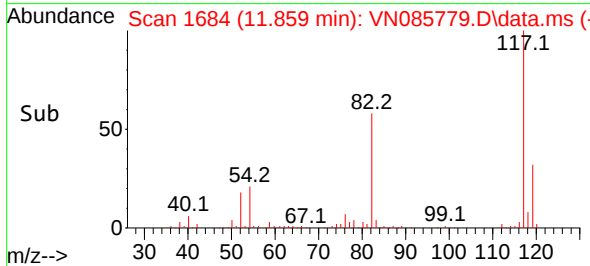
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



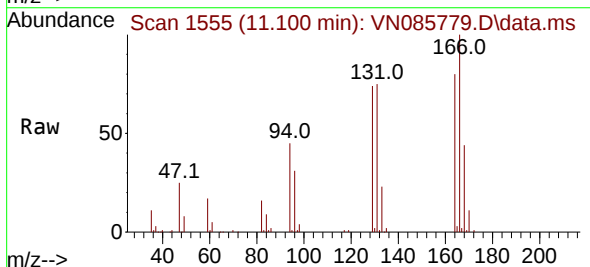
Tgt Ion:117 Resp: 44888
Ion Ratio Lower Upper
117 100
82 58.1 45.7 68.5
119 32.5 26.2 39.2

Manual Integrations
APPROVED

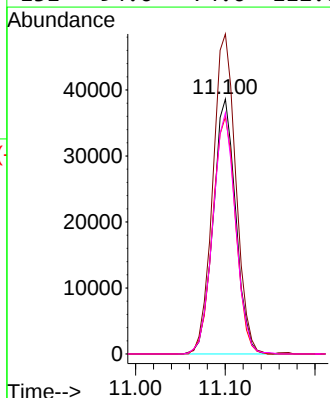
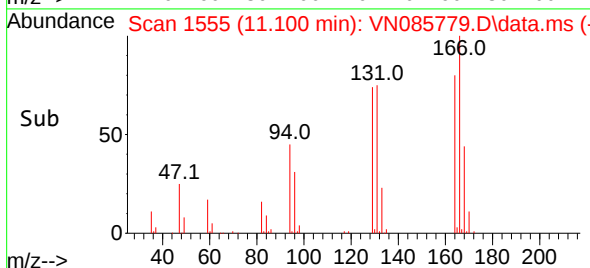
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

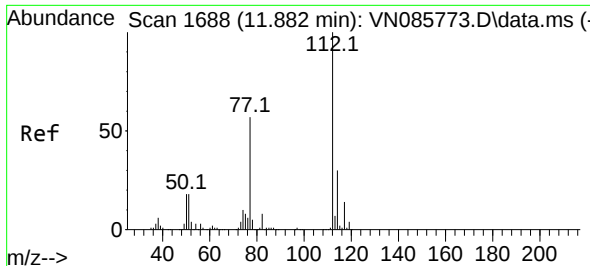


#64
Tetrachloroethene
Concen: 19.350 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18



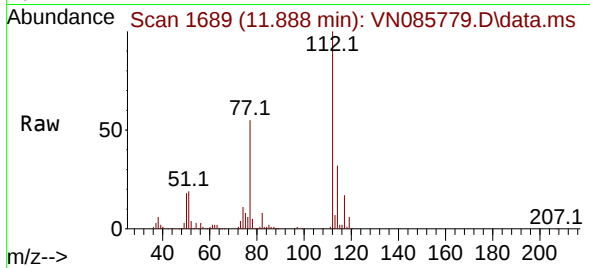
Tgt Ion:164 Resp: 67288
Ion Ratio Lower Upper
164 100
166 125.5 107.2 160.8
129 93.0 80.7 121.1
131 94.6 74.6 112.0





#65
Chlorobenzene
Concen: 19.535 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

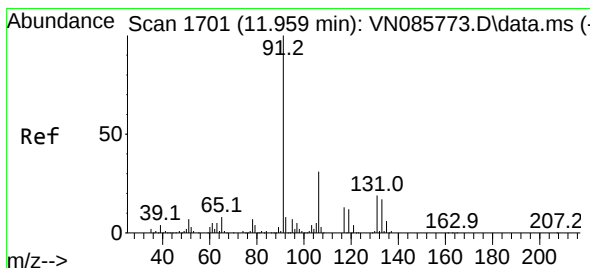
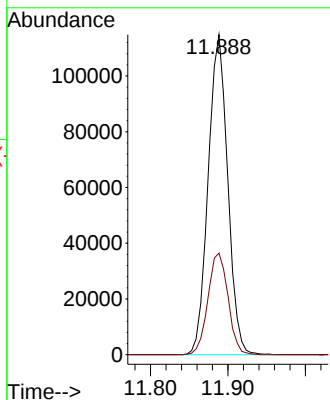
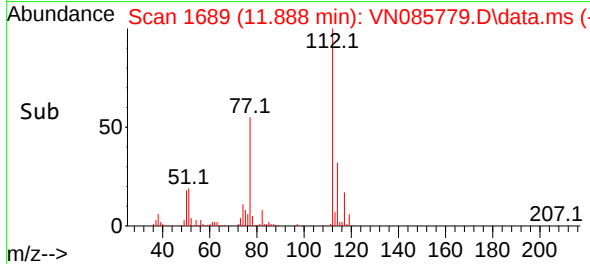
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



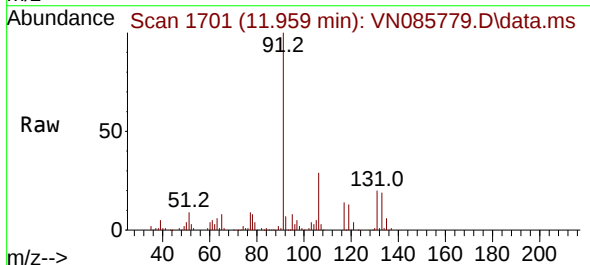
Tgt Ion:112 Resp: 20088
Ion Ratio Lower Upper
112 100
114 31.8 24.3 36.5

Manual Integrations
APPROVED

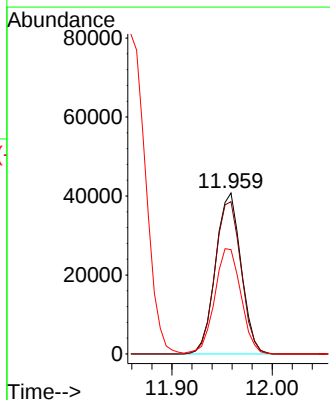
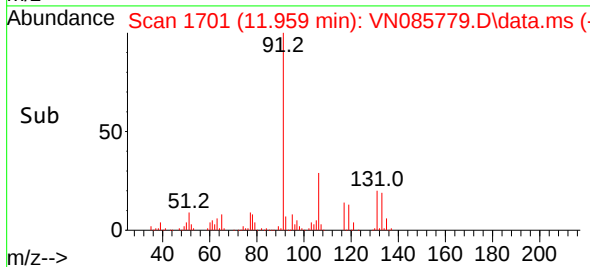
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.497 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18



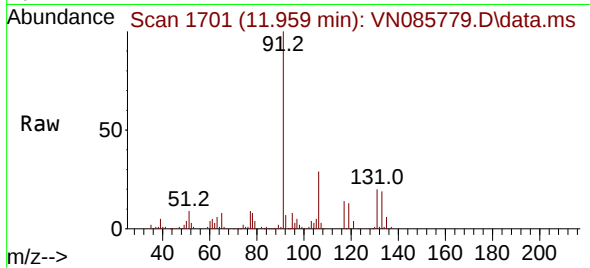
Tgt Ion:131 Resp: 72064
Ion Ratio Lower Upper
131 100
133 96.8 47.7 143.1
119 67.5 33.3 99.8





#67
Ethyl Benzene
Concen: 20.490 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

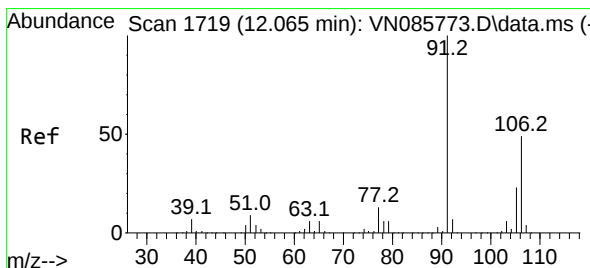
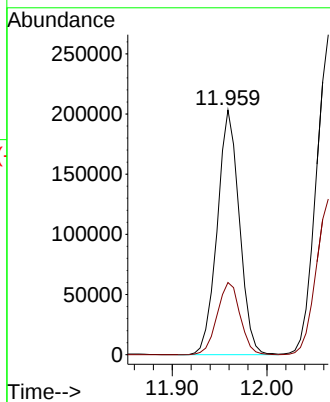
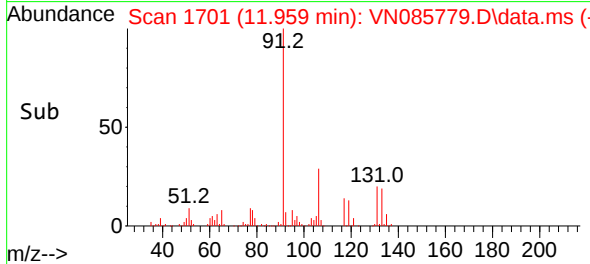
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



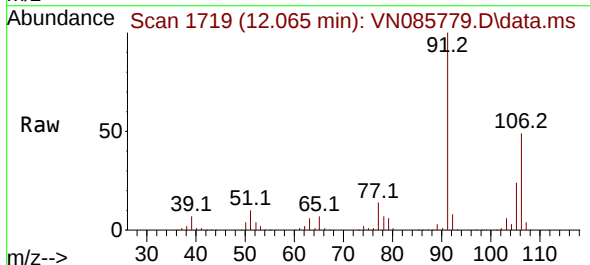
Tgt Ion: 91 Resp: 330050
Ion Ratio Lower Upper
91 100
106 29.5 24.7 37.1

Manual Integrations
APPROVED

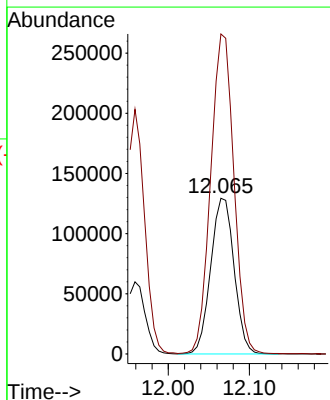
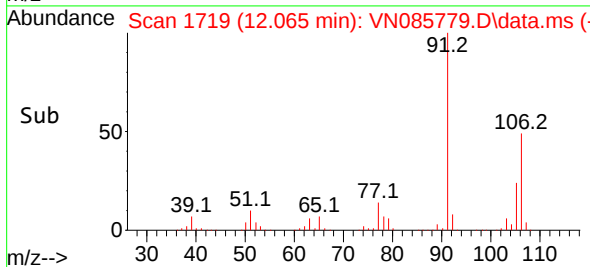
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

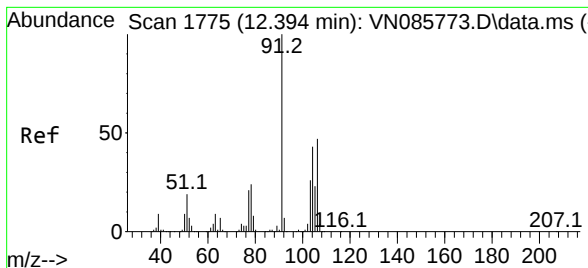


#68
m/p-Xylenes
Concen: 42.371 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18



Tgt Ion:106 Resp: 259251
Ion Ratio Lower Upper
106 100
91 203.4 163.3 244.9





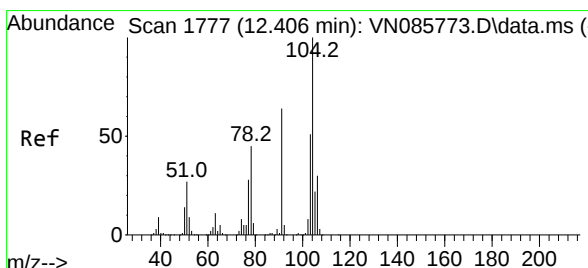
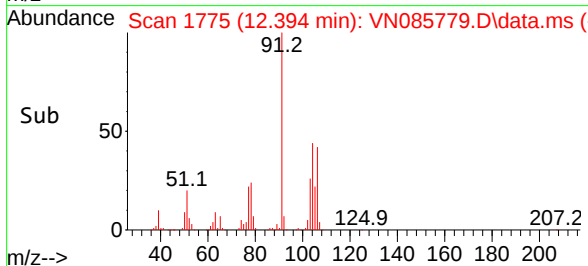
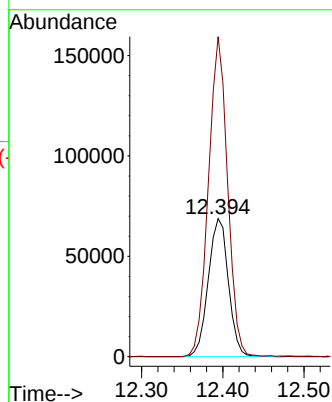
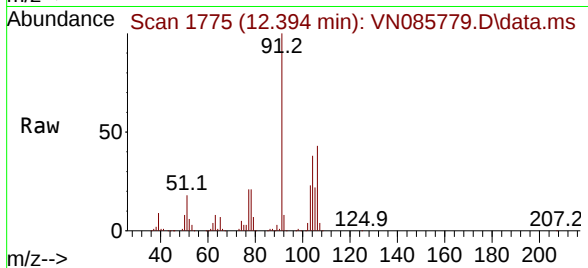
#69
o-Xylene
Concen: 20.345 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 11829
Ion Ratio Lower Upper
106 100
91 220.6 107.1 321.4

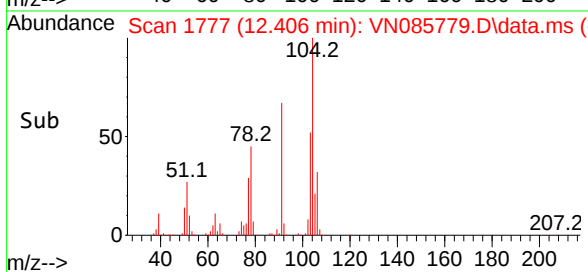
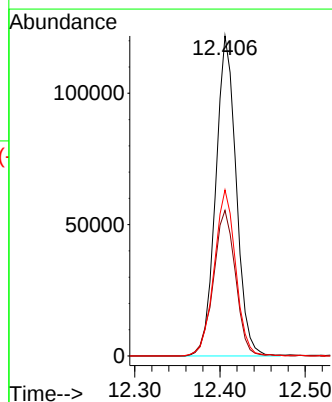
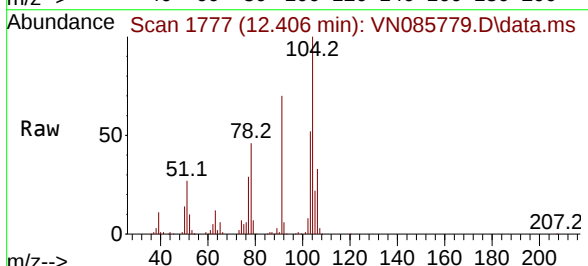
Manual Integrations
APPROVED

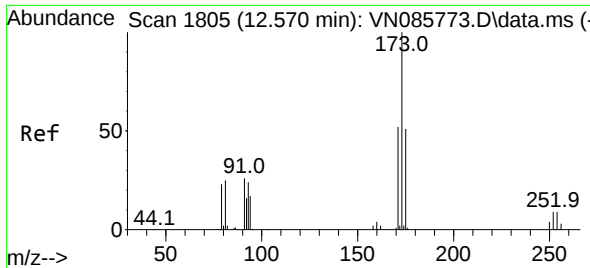
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#70
Styrene
Concen: 20.270 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Tgt Ion:104 Resp: 203369
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.6
103 54.5 43.3 64.9





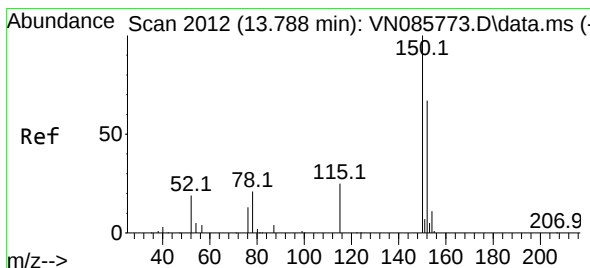
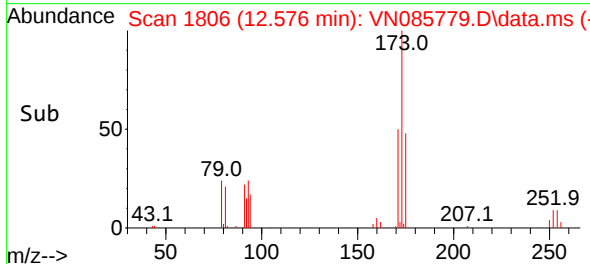
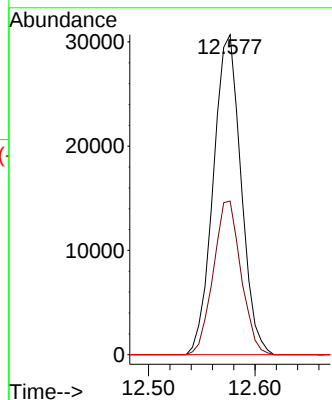
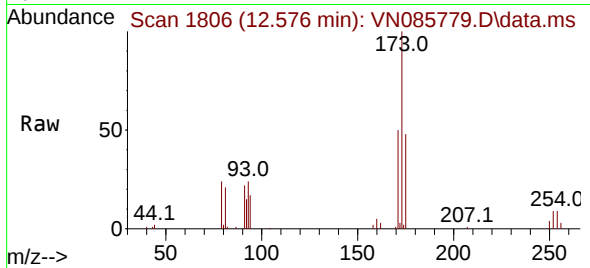
#71
Bromoform
Concen: 20.214 ug/l
RT: 12.576 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 55518
Ion Ratio Lower Upper
173 100
175 47.8 25.1 75.4
254 0.0 0.0 0.0

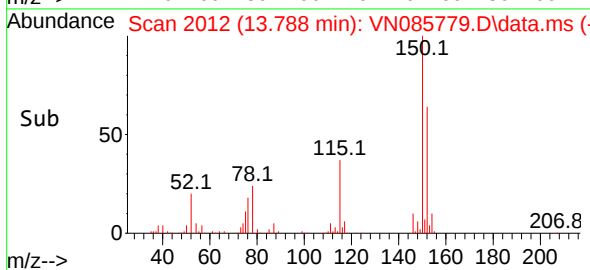
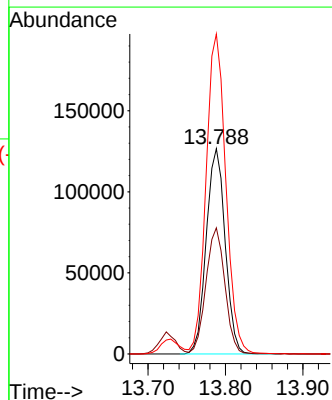
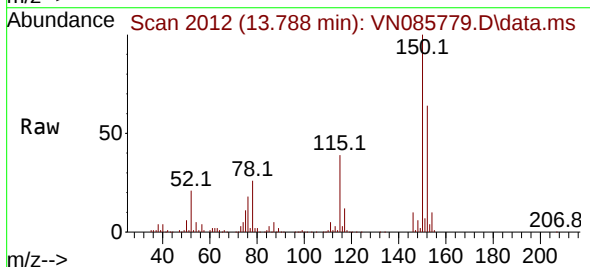
Manual Integrations
APPROVED

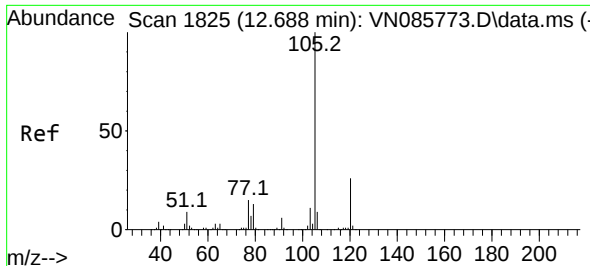
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Tgt Ion:152 Resp: 214863
Ion Ratio Lower Upper
152 100
115 61.0 30.4 91.3
150 162.5 0.0 345.4





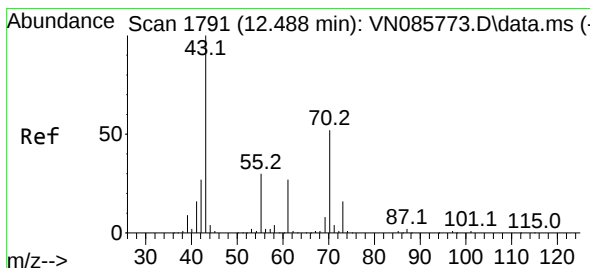
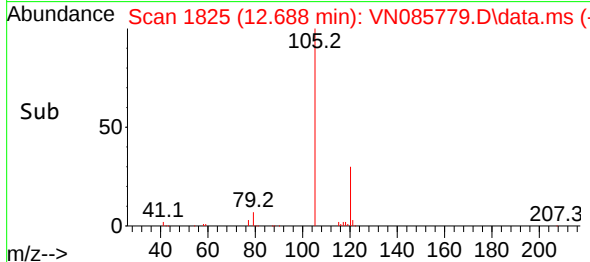
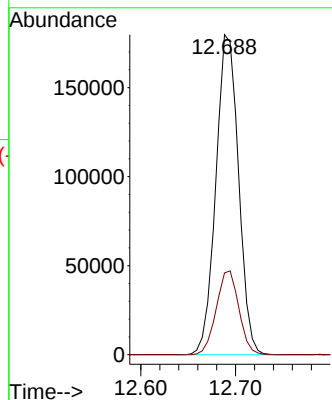
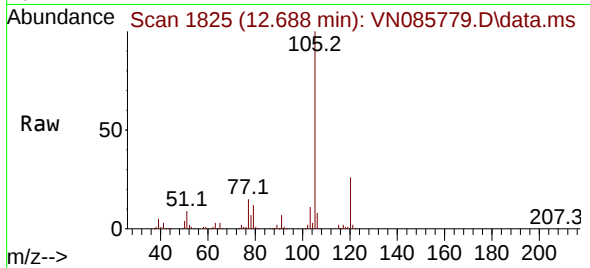
#73
Isopropylbenzene
Concen: 20.339 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 299398
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0

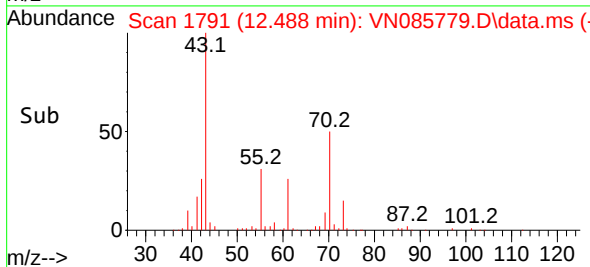
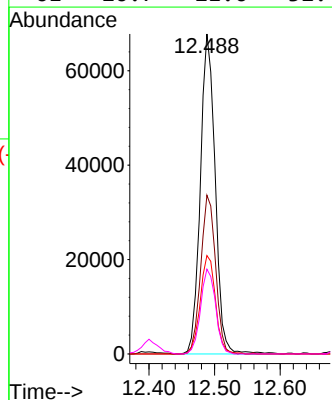
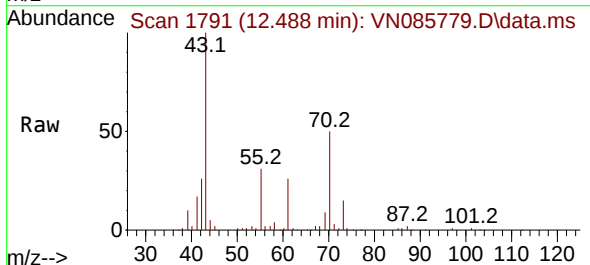
Manual Integrations
APPROVED

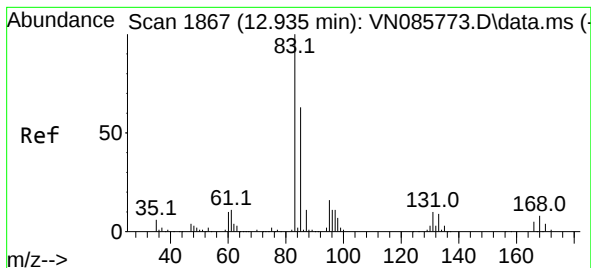
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#74
N-ethyl acetate
Concen: 20.608 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

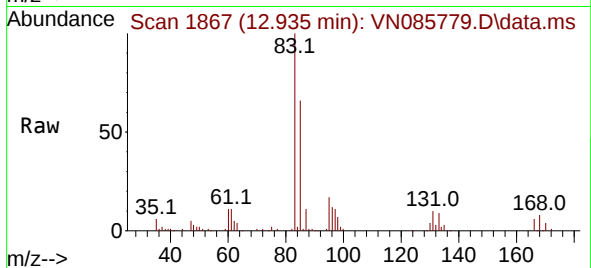
Tgt Ion: 43 Resp: 106973
Ion Ratio Lower Upper
43 100
70 49.5 41.0 61.4
55 31.5 24.6 36.8
61 26.7 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 19.579 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

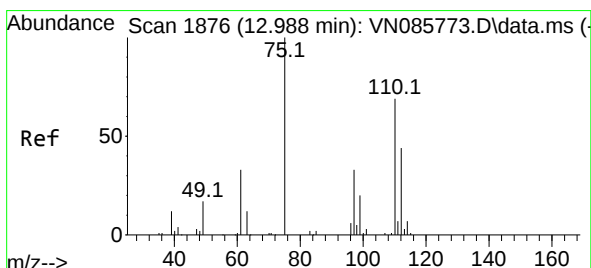
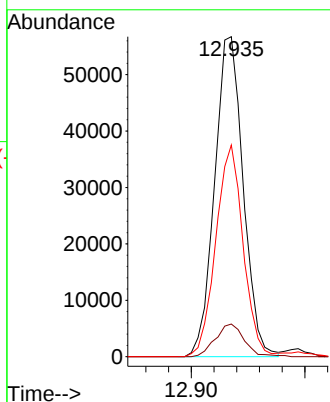
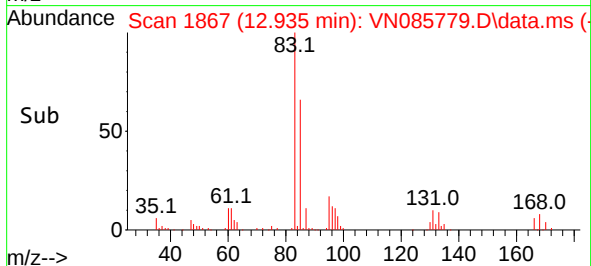
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 99174
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 63.2 32.2 96.6

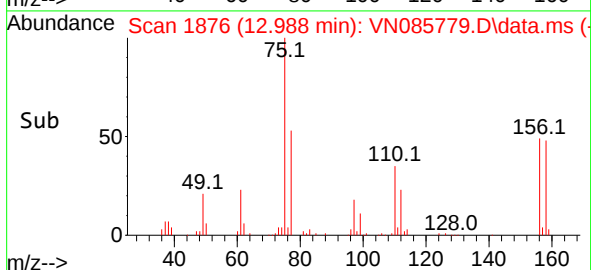
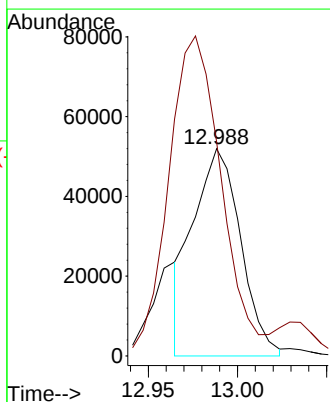
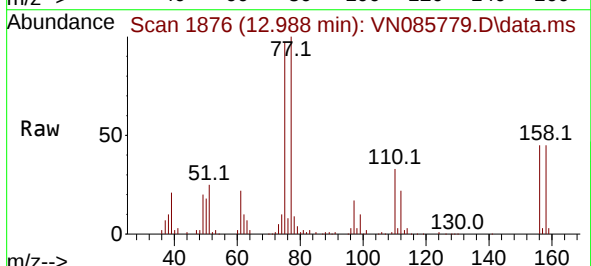
Manual Integrations
APPROVED

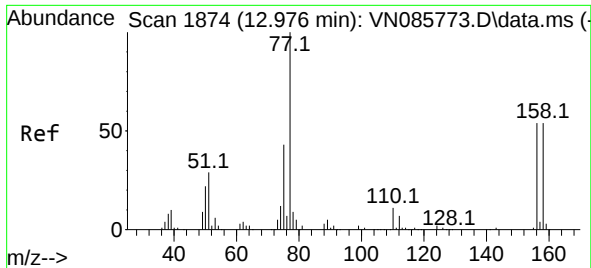
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#76
1,2,3-Trichloropropane
Concen: 20.431 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

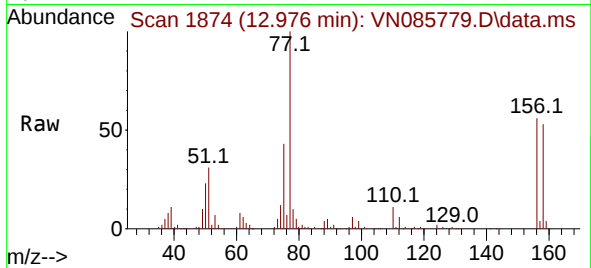
Tgt Ion: 75 Resp: 96439
Ion Ratio Lower Upper
75 100
77 171.8 100.0 300.0





#77
Bromobenzene
Concen: 19.630 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

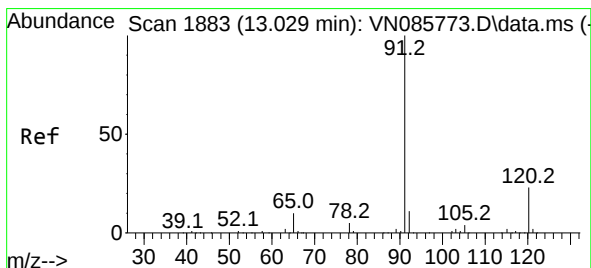
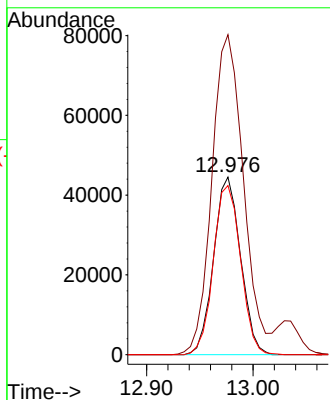
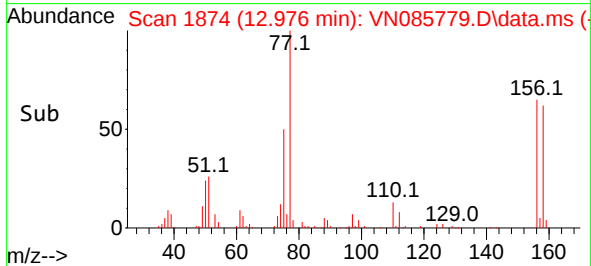
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



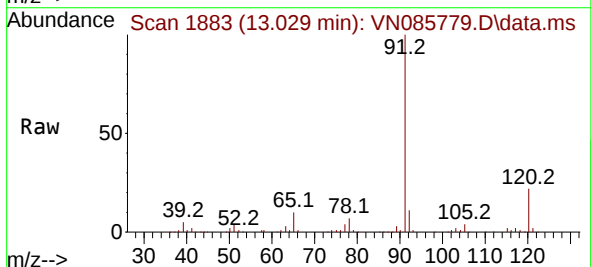
Tgt Ion:156 Resp: 78068
Ion Ratio Lower Upper
156 100
77 212.2 104.1 312.3
158 96.5 48.1 144.4

Manual Integrations
APPROVED

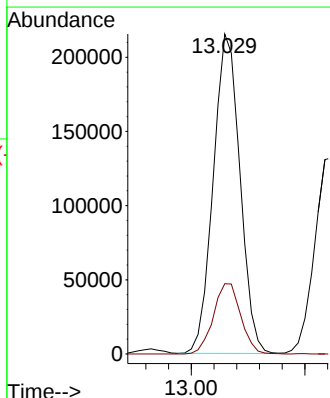
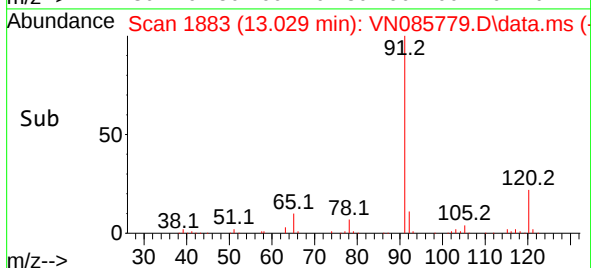
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

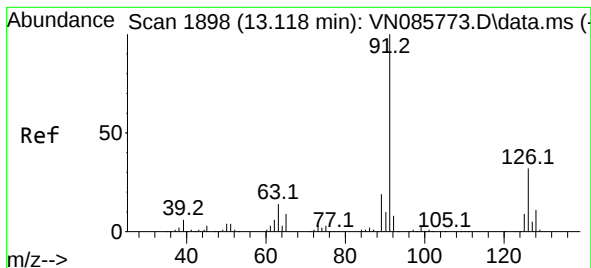


#78
n-propylbenzene
Concen: 20.852 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18



Tgt Ion: 91 Resp: 351518
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8





#79

2-Chlorotoluene

Concen: 20.458 ug/l

RT: 13.124 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VN085779.D

Acq: 18 Feb 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 230434

Ion Ratio Lower Upper

91 100

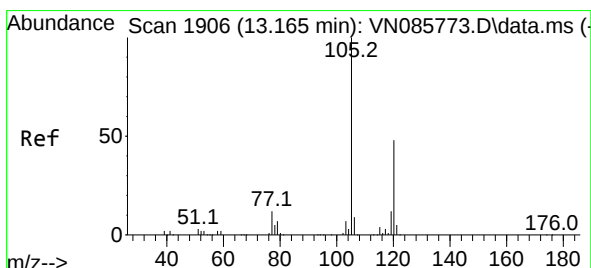
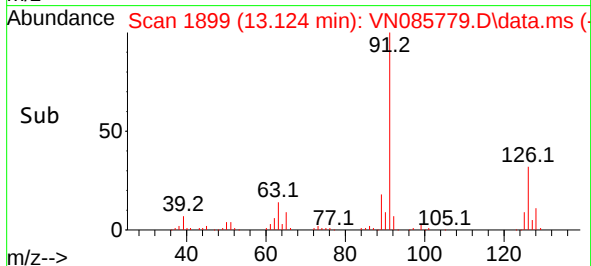
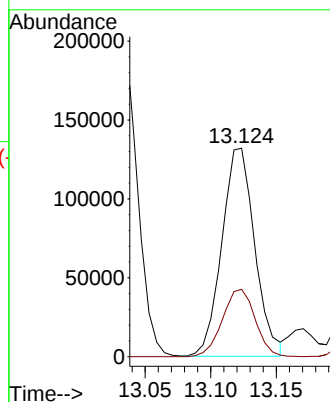
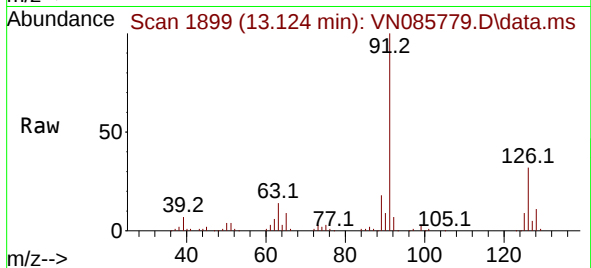
126 32.2 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#80

1,3,5-Trimethylbenzene

Concen: 21.534 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VN085779.D

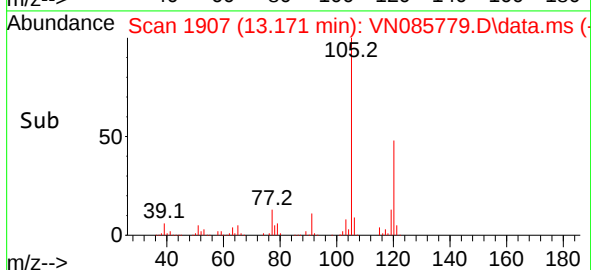
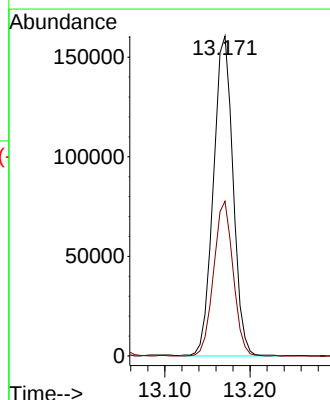
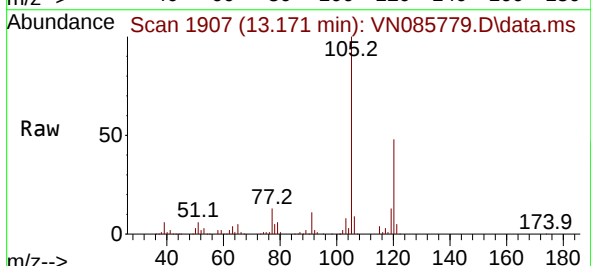
Acq: 18 Feb 2025 14:18

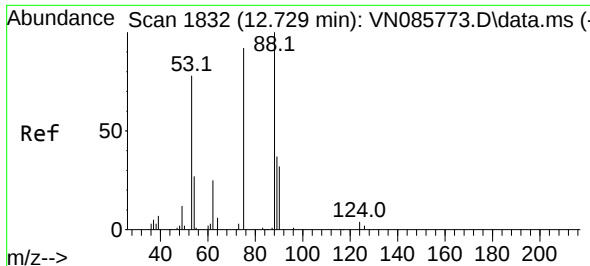
Tgt Ion:105 Resp: 258212

Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.9





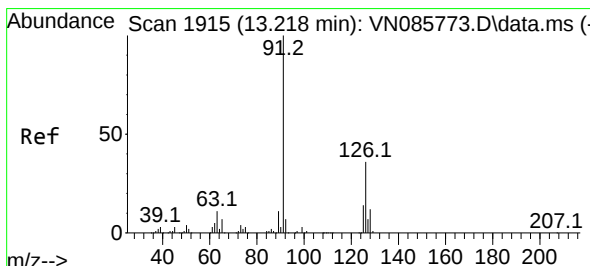
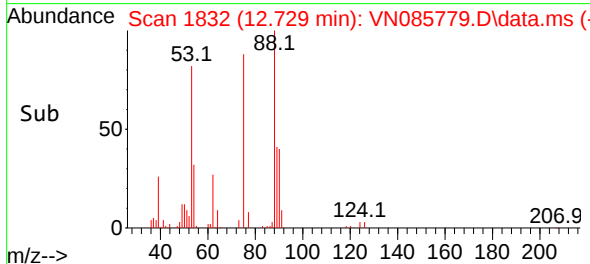
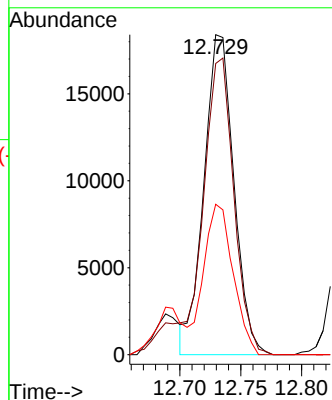
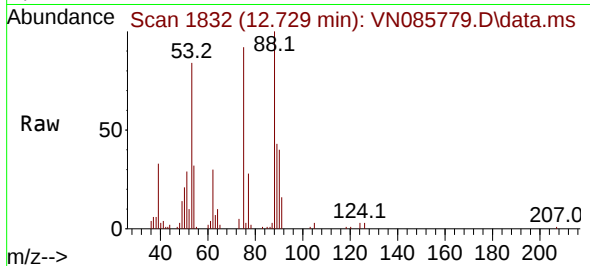
#81
trans-1,4-Dichloro-2-butene
Concen: 19.267 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 3151
Ion Ratio Lower Upper
75 100
53 102.2 74.2 111.4
89 46.3 34.9 52.3

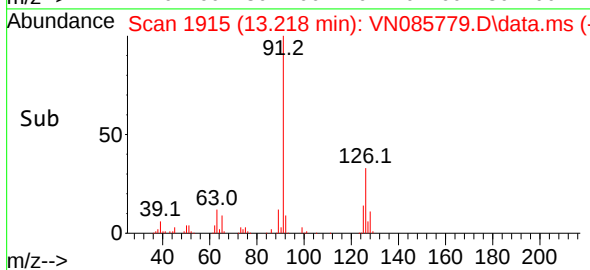
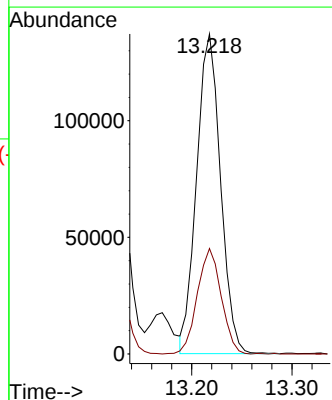
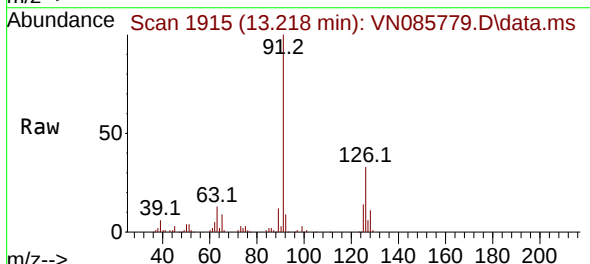
Manual Integrations
APPROVED

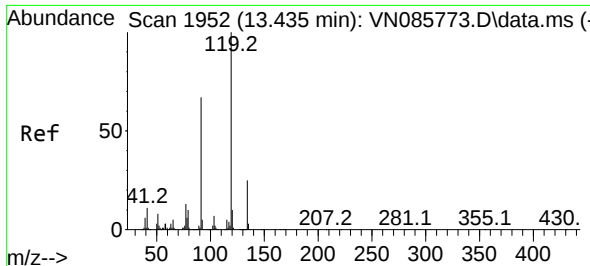
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#82
4-Chlorotoluene
Concen: 20.345 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

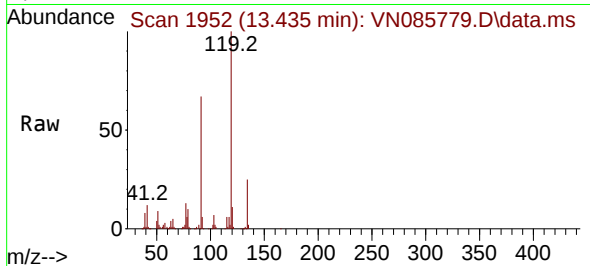
Tgt Ion: 91 Resp: 227177
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 20.637 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085779.D
 Acq: 18 Feb 2025 14:18

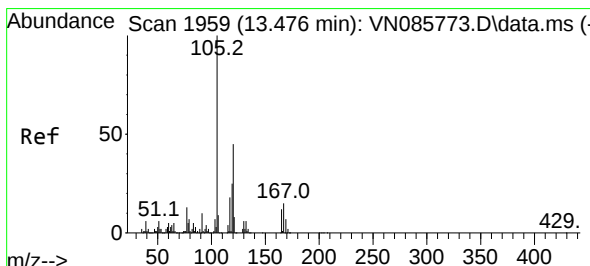
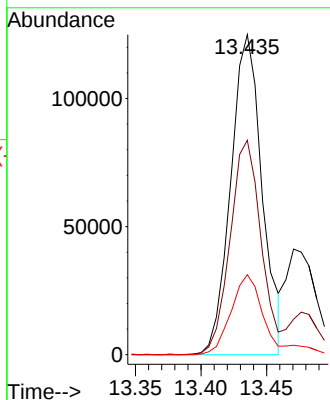
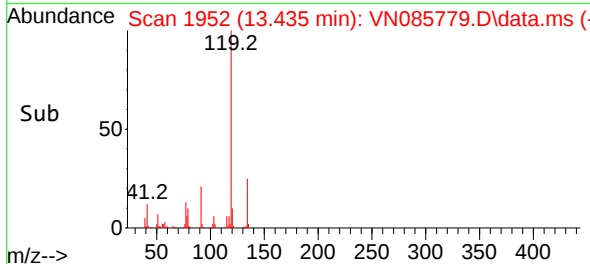
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



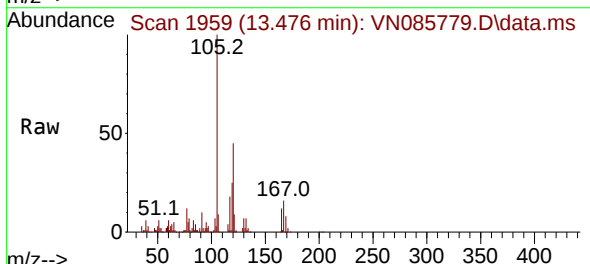
Tgt Ion:119 Resp: 208090
 Ion Ratio Lower Upper
 119 100
 91 67.6 32.5 97.5
 134 27.0 13.3 39.9

Manual Integrations
 APPROVED

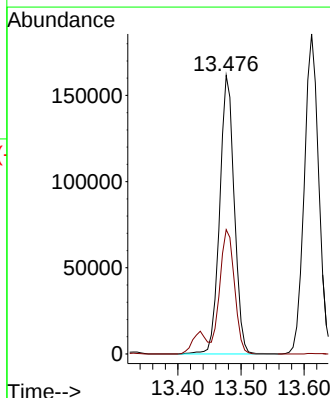
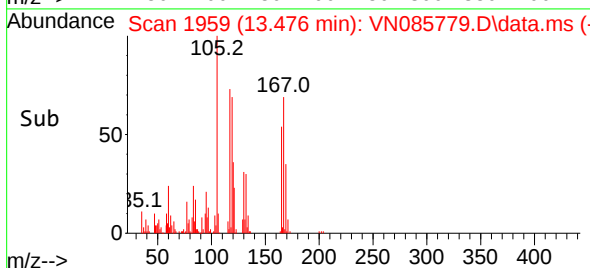
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 21.863 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN085779.D
 Acq: 18 Feb 2025 14:18



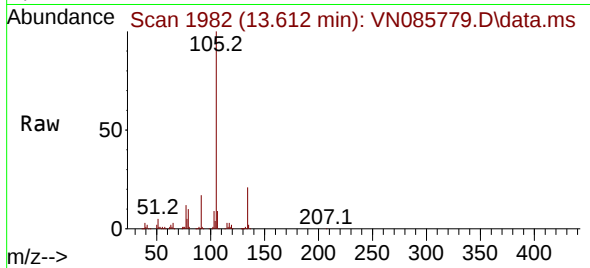
Tgt Ion:105 Resp: 259373
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 20.612 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085779.D
 Acq: 18 Feb 2025 14:18

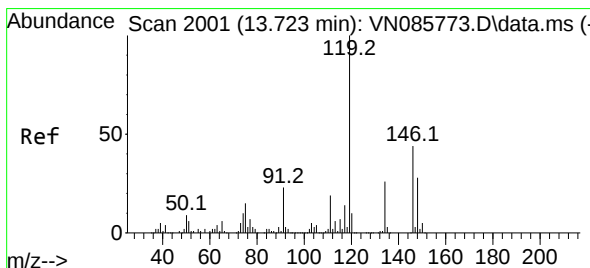
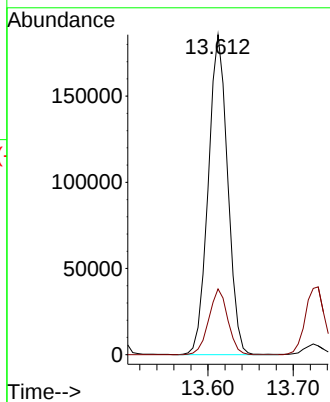
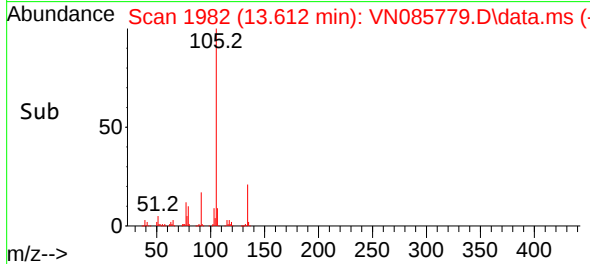
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



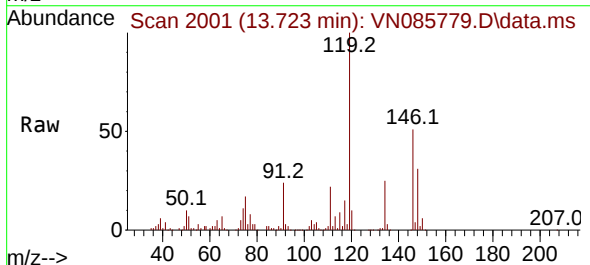
Tgt Ion:105 Resp: 29365
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

Manual Integrations
 APPROVED

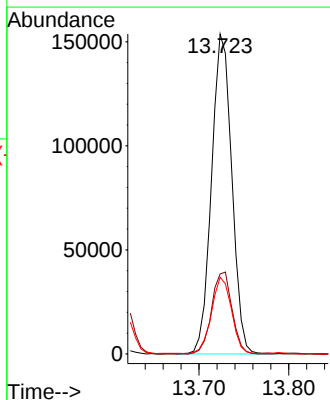
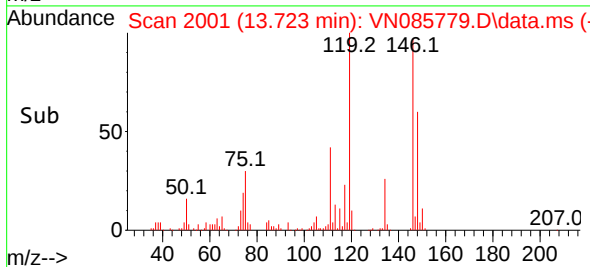
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025

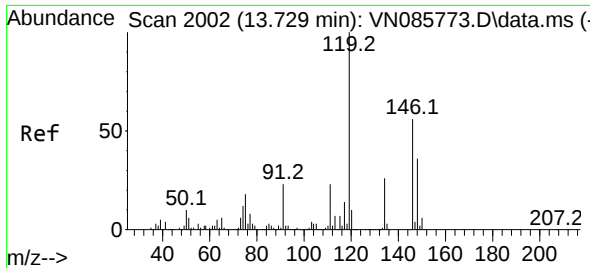


#86
 p-Isopropyltoluene
 Concen: 19.772 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085779.D
 Acq: 18 Feb 2025 14:18



Tgt Ion:119 Resp: 240984
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 23.8 11.7 35.1





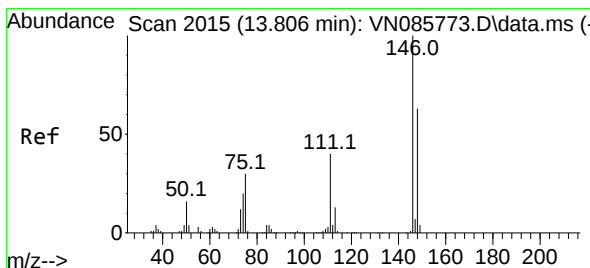
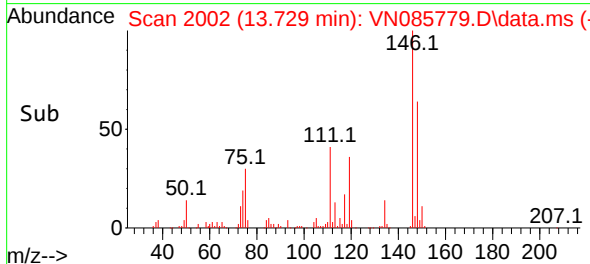
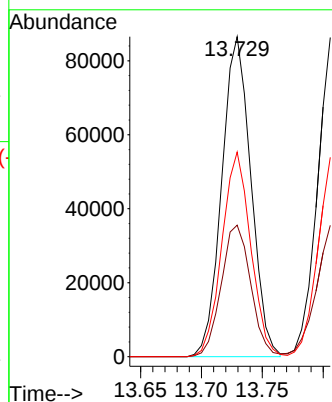
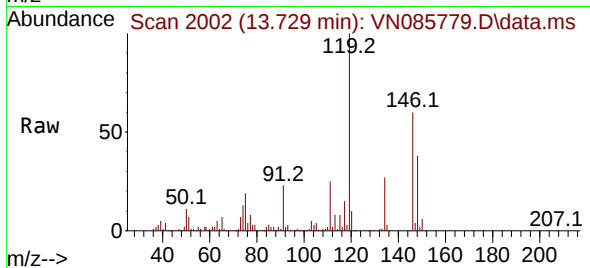
#87
1,3-Dichlorobenzene
Concen: 19.318 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 14393
Ion Ratio Lower Upper
146 100
111 41.7 21.1 63.3
148 63.3 32.1 96.5

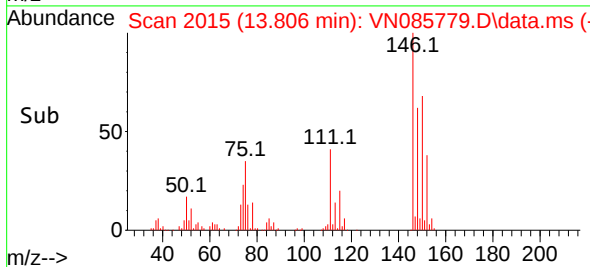
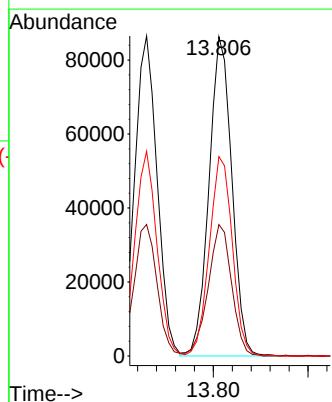
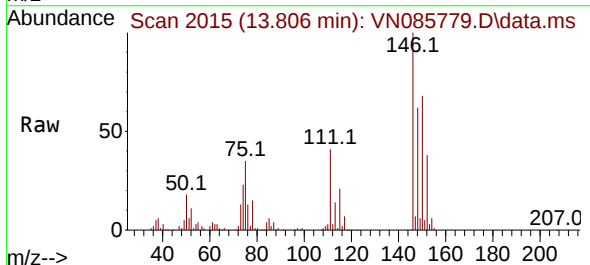
Manual Integrations
APPROVED

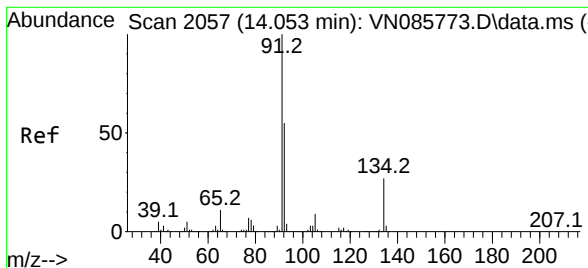
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#88
1,4-Dichlorobenzene
Concen: 18.954 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Tgt Ion:146 Resp: 144744
Ion Ratio Lower Upper
146 100
111 42.4 20.4 61.3
148 63.0 31.8 95.4





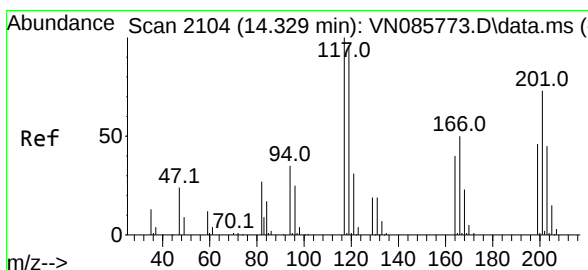
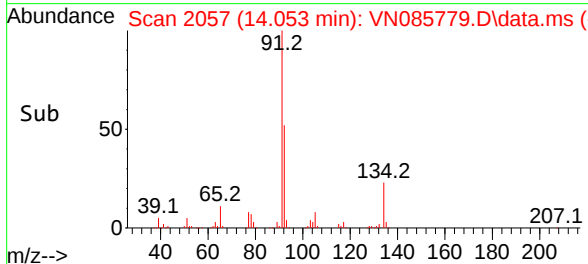
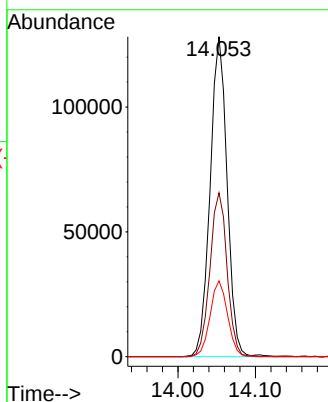
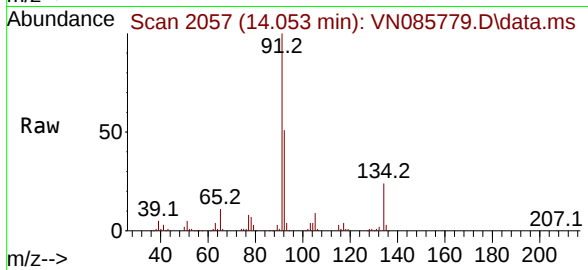
#89
n-Butylbenzene
Concen: 19.300 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 19522
Ion Ratio Lower Upper
91 100
92 51.6 27.1 81.3
134 24.4 12.7 38.1

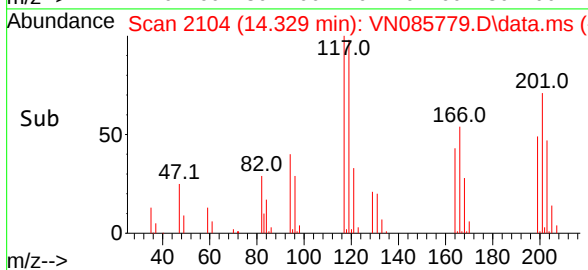
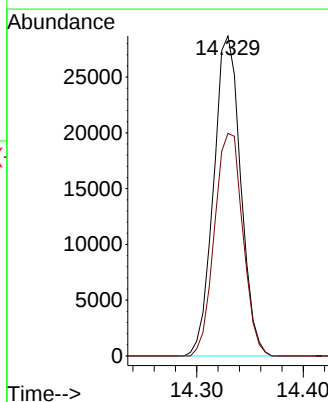
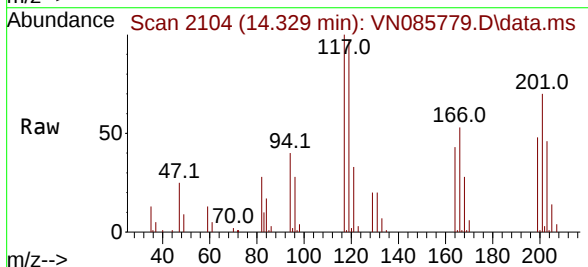
Manual Integrations
APPROVED

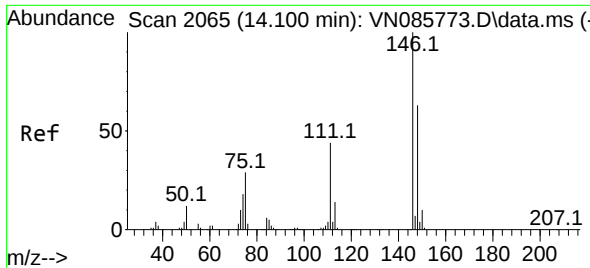
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#90
Hexachloroethane
Concen: 18.753 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

Tgt Ion:117 Resp: 50599
Ion Ratio Lower Upper
117 100
201 72.8 35.6 106.9





#91

1,2-Dichlorobenzene

Concen: 19.390 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN085779.D

Acq: 18 Feb 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

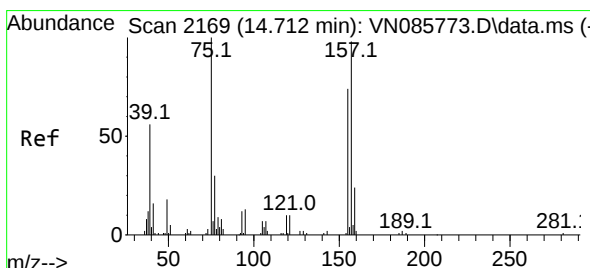
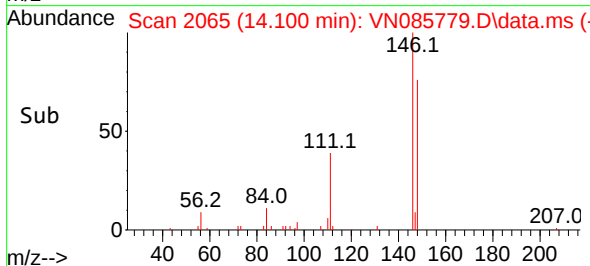
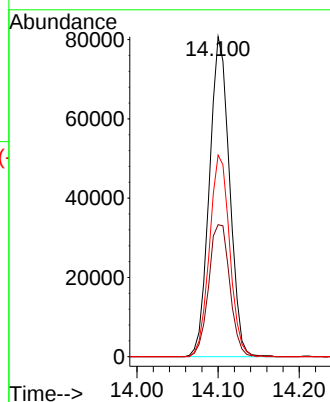
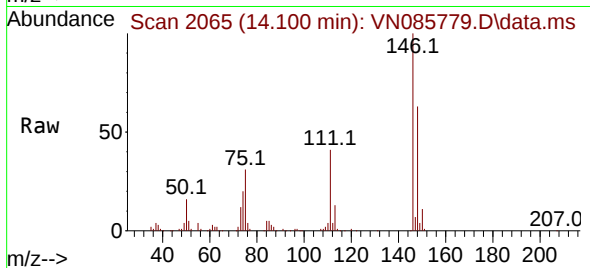
Tgt Ion:	146	Resp:	13893
Ion Ratio	Lower	Upper	
146	100		
111	43.5	21.4	64.3
148	63.3	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.639 ug/l

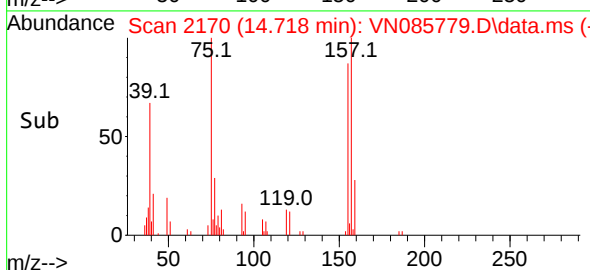
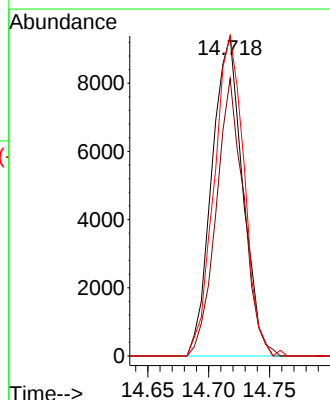
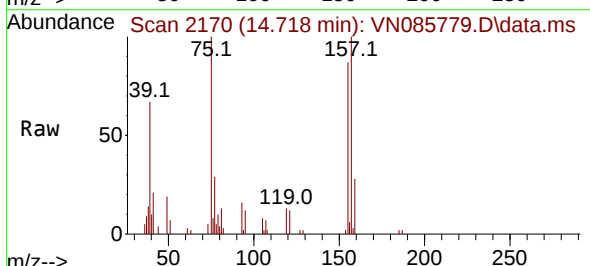
RT: 14.718 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VN085779.D

Acq: 18 Feb 2025 14:18

Tgt Ion:	75	Resp:	16407
Ion Ratio	Lower	Upper	
75	100		
155	78.2	39.9	119.6
157	98.0	49.9	149.7





#93

1,2,4-Trichlorobenzene

Concen: 17.726 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN085779.D

Acq: 18 Feb 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

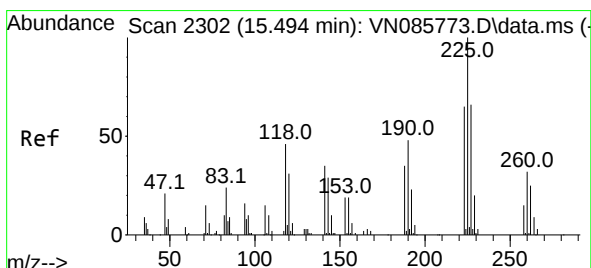
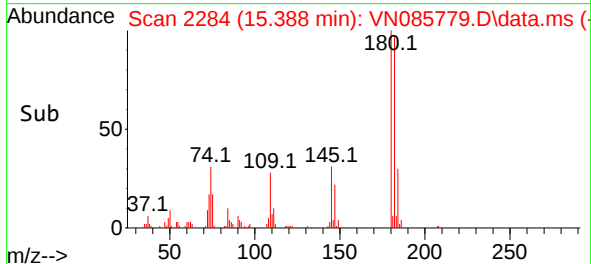
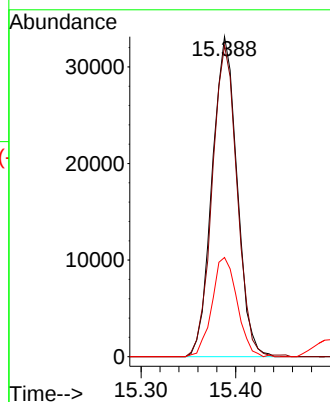
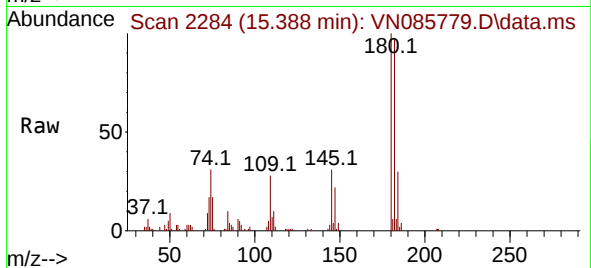
Tgt Ion:180	Resp:	60520
Ion Ratio	Lower	Upper
180	100	
182	97.3	47.3 141.9
145	31.3	16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#94

Hexachlorobutadiene

Concen: 16.763 ug/l

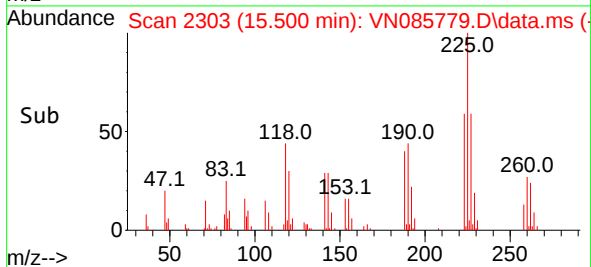
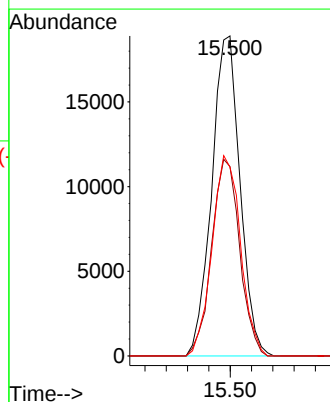
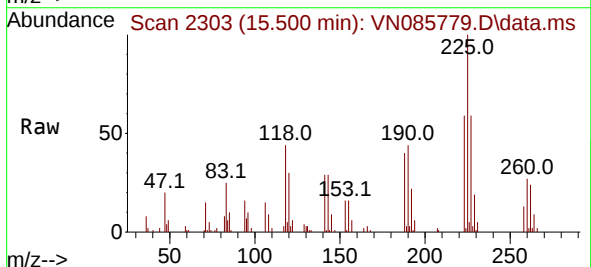
RT: 15.500 min Scan# 2303

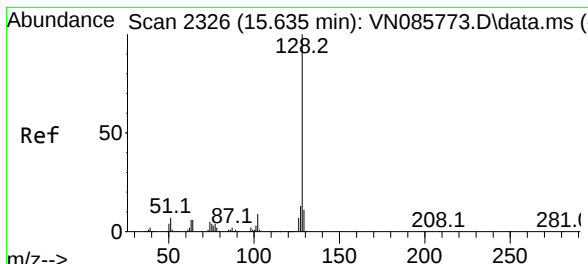
Delta R.T. 0.006 min

Lab File: VN085779.D

Acq: 18 Feb 2025 14:18

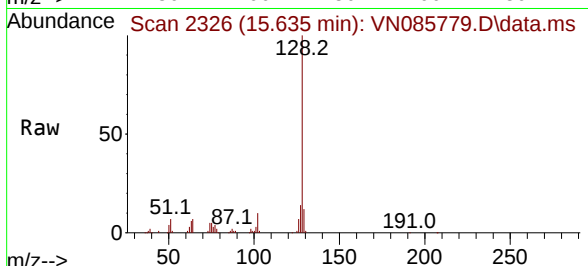
Tgt Ion:225	Resp:	34783
Ion Ratio	Lower	Upper
225	100	
223	61.0	31.9 95.5
227	63.1	32.2 96.6





#95
Naphthalene
Concen: 16.700 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18

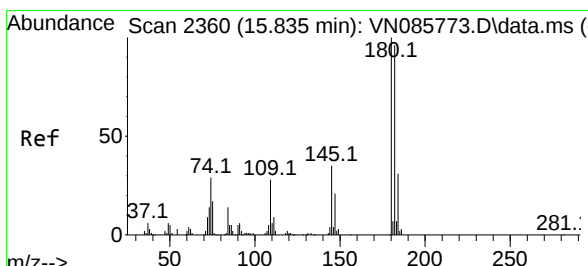
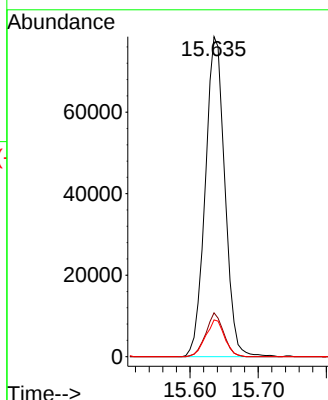
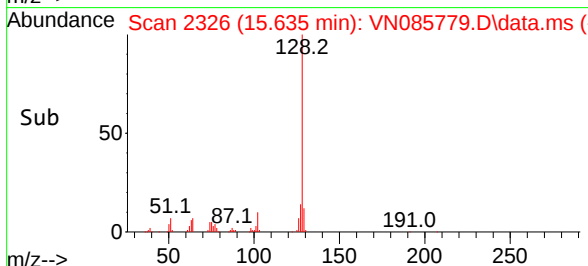
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



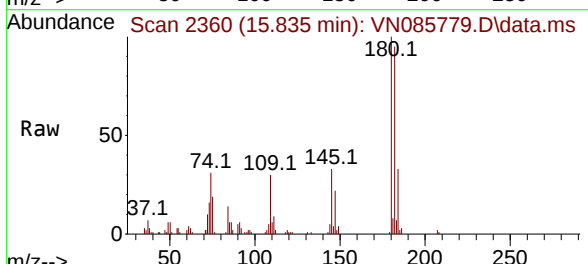
Tgt Ion:128 Resp: 15653
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 11.2 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 16.921 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085779.D
Acq: 18 Feb 2025 14:18



Tgt Ion:180 Resp: 57998
Ion Ratio Lower Upper
180 100
182 96.6 47.3 141.8
145 32.9 16.9 50.6

