

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021825\
 Data File : VN085774.D
 Acq On : 18 Feb 2025 11:56
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

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

Quant Time: Feb 19 03:57:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	322637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	539156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	467828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	220205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	77482	18.524	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	37.040%#		
35) Dibromofluoromethane	8.159	113	64728	18.347	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	36.700%#		
50) Toluene-d8	10.559	98	236331	18.412	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	36.820%#		
62) 4-Bromofluorobenzene	12.841	95	80509	19.037	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	38.080%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	67659	15.417	ug/l	97
3) Chloromethane	2.359	50	67570	15.344	ug/l	96
4) Vinyl Chloride	2.512	62	73110	15.680	ug/l	100
5) Bromomethane	2.954	94	49494	16.601	ug/l	99
6) Chloroethane	3.118	64	48468	15.694	ug/l	97
7) Trichlorofluoromethane	3.501	101	109303	16.191	ug/l	97
8) Diethyl Ether	3.959	74	36092	16.524	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	64788	16.603	ug/l	98
10) Methyl Iodide	4.589	142	78793	16.381	ug/l	99
11) Tert butyl alcohol	5.512	59	41287	80.252	ug/l	99
12) 1,1-Dichloroethene	4.342	96	59222	16.738	ug/l	98
13) Acrolein	4.177	56	77673	101.810	ug/l	97
14) Allyl chloride	5.018	41	74310	15.997	ug/l	99
15) Acrylonitrile	5.712	53	134784	80.589	ug/l	99
16) Acetone	4.424	43	104501	78.956	ug/l	100
17) Carbon Disulfide	4.706	76	163310	15.574	ug/l	100
18) Methyl Acetate	5.024	43	67868	14.908	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	177976	16.928	ug/l	97
20) Methylene Chloride	5.271	84	68329	16.053	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	62161	16.316	ug/l	96
22) Diisopropyl ether	6.665	45	181542	17.295	ug/l	97
23) Vinyl Acetate	6.595	43	600860	83.603	ug/l	99
24) 1,1-Dichloroethane	6.559	63	115596	16.200	ug/l	97
25) 2-Butanone	7.477	43	158999	81.657	ug/l	97
26) 2,2-Dichloropropane	7.483	77	104686	16.499	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	73502	16.639	ug/l	99
28) Bromochloromethane	7.812	49	60909	20.768	ug/l	99
29) Tetrahydrofuran	7.836	42	105537	83.934	ug/l	98
30) Chloroform	7.959	83	122487	16.426	ug/l	100
31) Cyclohexane	8.253	56	95248	15.943	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	110643	16.682	ug/l	95
36) 1,1-Dichloropropene	8.371	75	82766	16.576	ug/l	99
37) Ethyl Acetate	7.553	43	70925	17.261	ug/l	98
38) Carbon Tetrachloride	8.359	117	97884	16.499	ug/l	96
39) Methylcyclohexane	9.594	83	83041	16.929	ug/l	97
40) Benzene	8.600	78	265630	16.599	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	37582	17.109	ug/l	99
42) 1,2-Dichloroethane	8.665	62	86193	16.535	ug/l	98
43) Isopropyl Acetate	8.683	43	122426	16.612	ug/l	96
44) Trichloroethene	9.347	130	63351	16.123	ug/l	99
45) 1,2-Dichloropropane	9.618	63	61520	15.926	ug/l	99
46) Dibromomethane	9.706	93	45036	16.529	ug/l	99
47) Bromodichloromethane	9.883	83	93185	15.985	ug/l	94
48) Methyl methacrylate	9.677	41	50408	16.519	ug/l	98
49) 1,4-Dioxane	9.694	88	19190	330.694	ug/l	99
51) 4-Methyl-2-Pentanone	10.435	43	336185	84.861	ug/l	99
52) Toluene	10.624	92	160684	17.129	ug/l	99
53) t-1,3-Dichloropropene	10.830	75	90408	16.772	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	100220	16.955	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	60151	16.127	ug/l	94
56) Ethyl methacrylate	10.871	69	79645	16.395	ug/l	98
57) 1,3-Dichloropropane	11.159	76	102165	16.409	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.153	63	242456	133.698	ug/l	98
59) 2-Hexanone	11.188	43	235193	86.298	ug/l	99
60) Dibromochloromethane	11.353	129	74180	17.080	ug/l	98
61) 1,2-Dibromoethane	11.465	107	60298	17.111	ug/l	98
64) Tetrachloroethene	11.100	164	61272	16.906	ug/l	93
65) Chlorobenzene	11.888	112	175987	16.421	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.953	131	62381	16.194	ug/l	97
67) Ethyl Benzene	11.959	91	282760	16.843	ug/l	99
68) m/p-Xylenes	12.065	106	227511	35.677	ug/l	98
69) o-Xylene	12.394	106	105043	17.335	ug/l	100
70) Styrene	12.406	104	175057	16.953	ug/l	99
71) Bromoform	12.576	173	47915	16.740	ug/l #	99
73) Isopropylbenzene	12.688	105	261285	17.320	ug/l	99
74) N-amyl acetate	12.488	43	91076	17.120	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.929	83	81388	15.678	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	74515m	15.234	ug/l	
77) Bromobenzene	12.976	156	68497	16.806	ug/l	98
78) n-propylbenzene	13.029	91	307304	17.787	ug/l	100
79) 2-Chlorotoluene	13.118	91	197060	17.071	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	225224	18.327	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	26896	16.043	ug/l	96
82) 4-Chlorotoluene	13.218	91	200026	17.479	ug/l	99
83) tert-Butylbenzene	13.435	119	185442	17.945	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	225419	18.540	ug/l	99
85) sec-Butylbenzene	13.612	105	261971	17.942	ug/l	100
86) p-Isopropyltoluene	13.723	119	215295	17.383	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	128565	16.836	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	129289	16.519	ug/l	98
89) n-Butylbenzene	14.053	91	176946	17.069	ug/l	98
90) Hexachloroethane	14.329	117	44440	16.071	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	123193	16.777	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.712	75	14521	15.233	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	60060	17.165	ug/l	99
94) Hexachlorobutadiene	15.494	225	33258	15.640	ug/l	99
95) Naphthalene	15.635	128	162751	16.942	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	58944	16.780	ug/l	99

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ClientSampleId :
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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

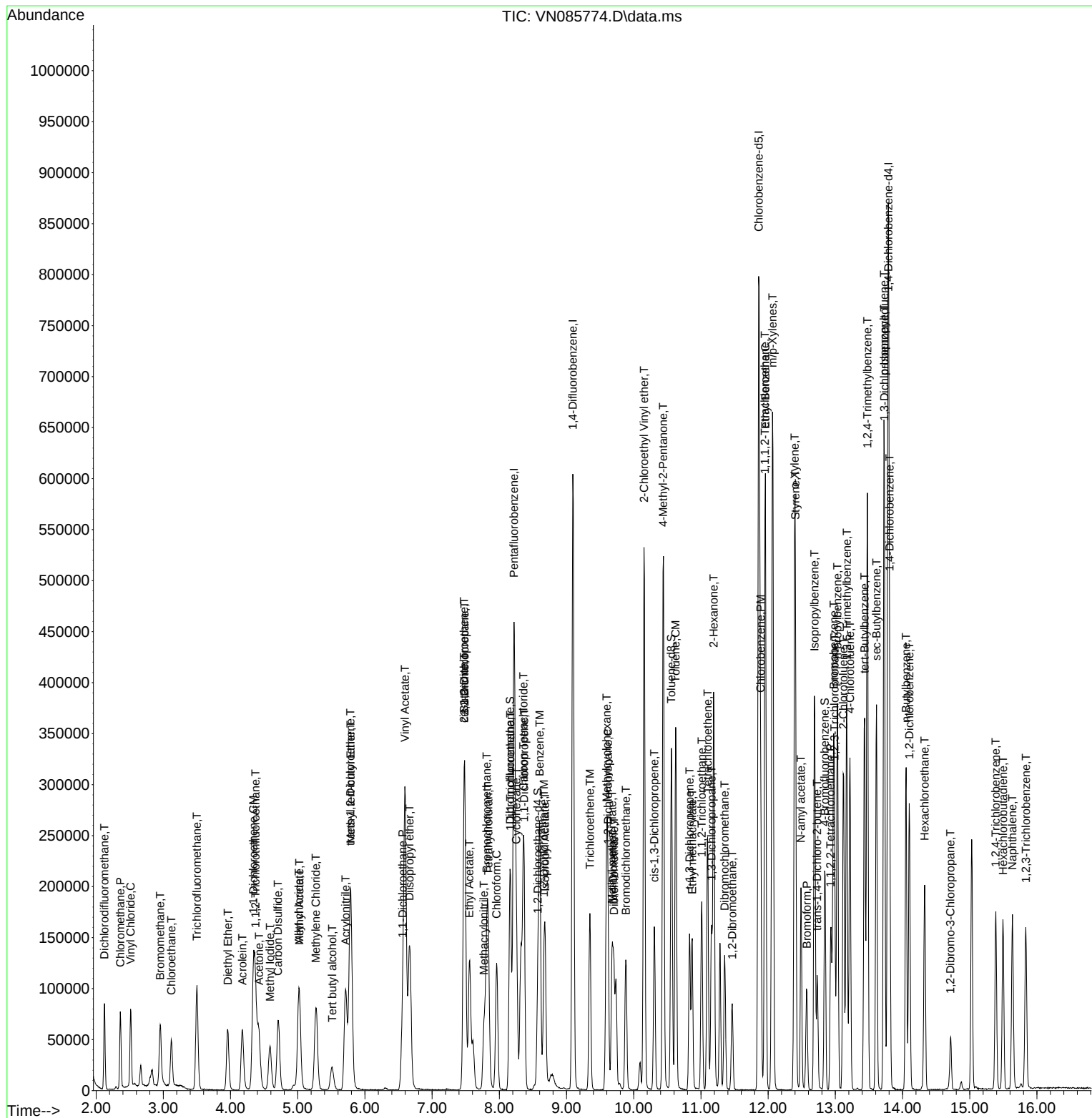
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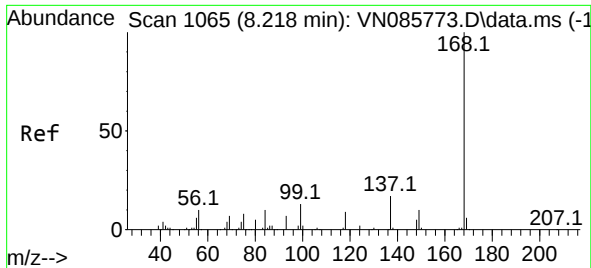
Instrument :
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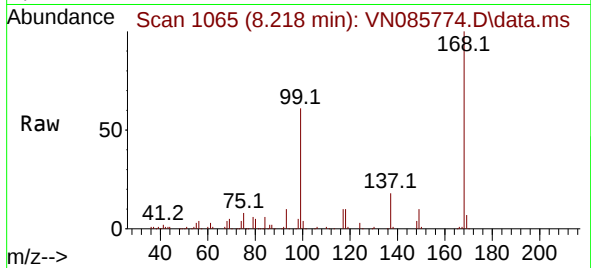
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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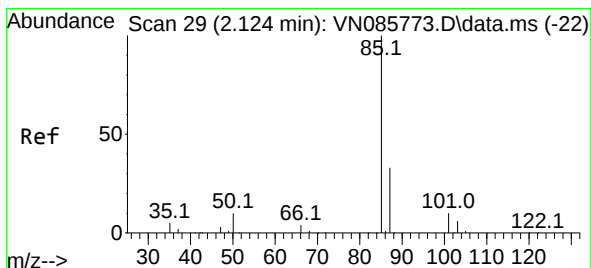
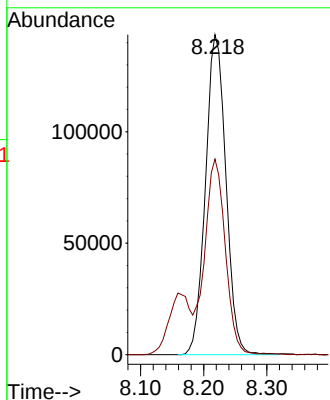
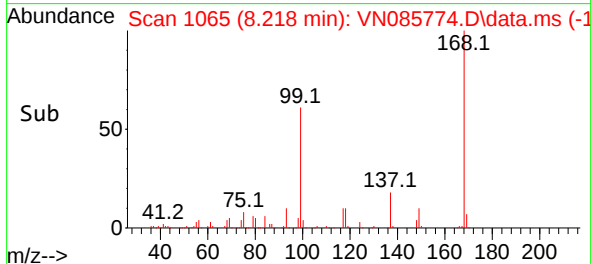
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



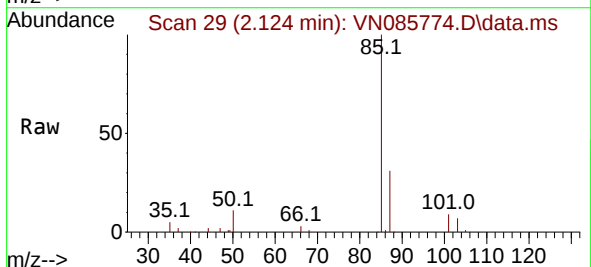
Tgt Ion:168 Resp: 32263
Ion Ratio Lower Upper
168 100
99 60.9 47.9 71.9

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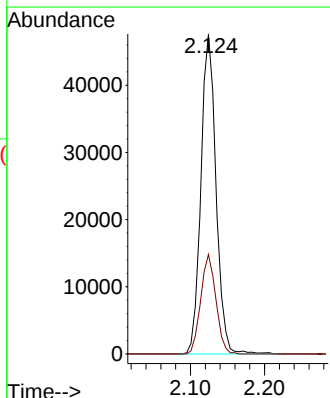
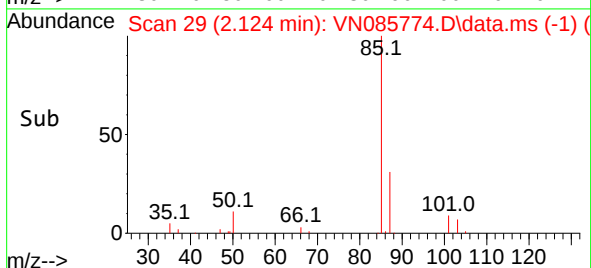
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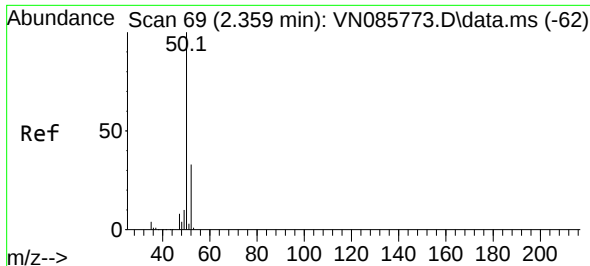


#2
Dichlorodifluoromethane
Concen: 15.417 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56



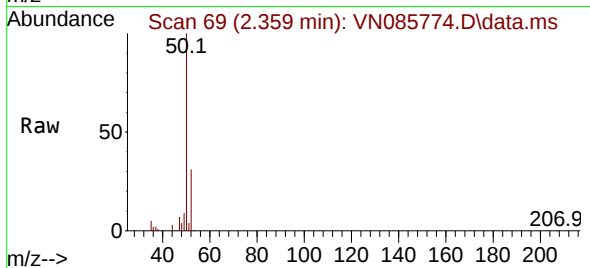
Tgt Ion: 85 Resp: 67659
Ion Ratio Lower Upper
85 100
87 31.1 16.4 49.2





#3
Chloromethane
Concen: 15.344 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

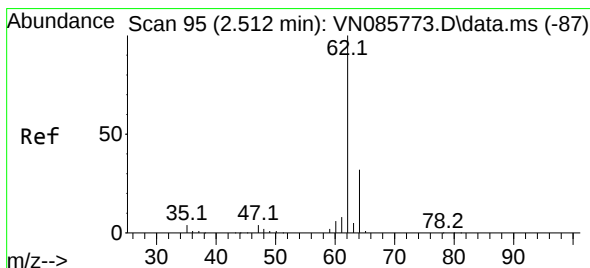
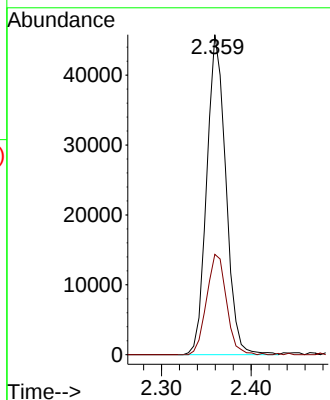
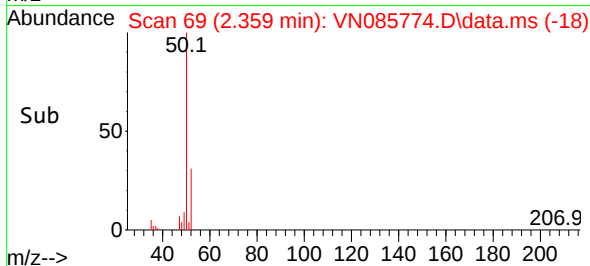
Instrument :
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VSTDICC020



Tgt Ion: 50 Resp: 67570
Ion Ratio Lower Upper
50 100
52 31.4 26.7 40.1

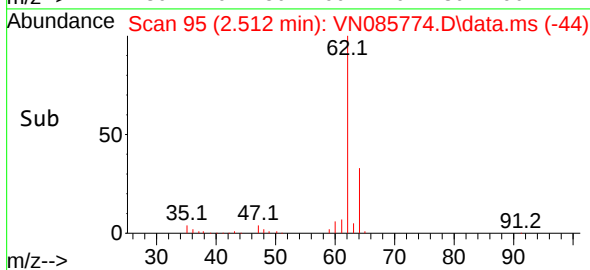
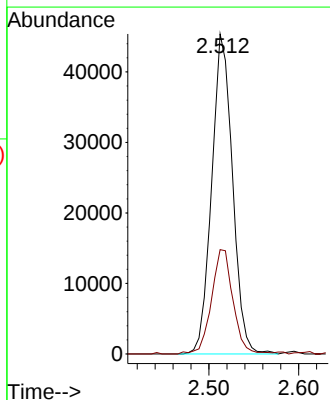
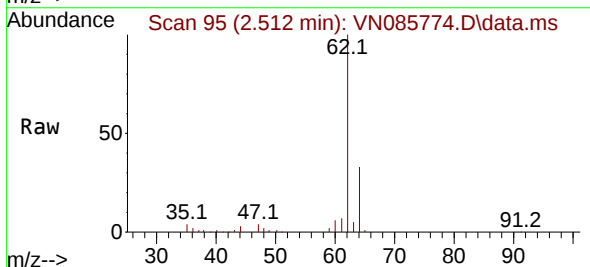
Manual Integrations
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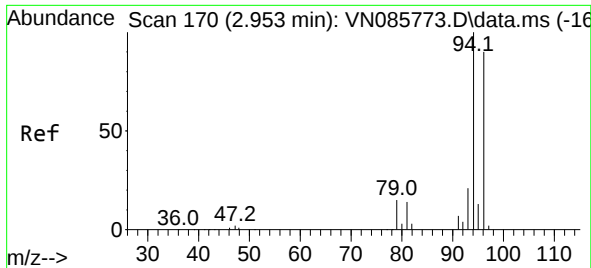
Reviewed By :John Carlone 02/19/2025
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#4
Vinyl Chloride
Concen: 15.680 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Tgt Ion: 62 Resp: 73110
Ion Ratio Lower Upper
62 100
64 32.6 25.9 38.9





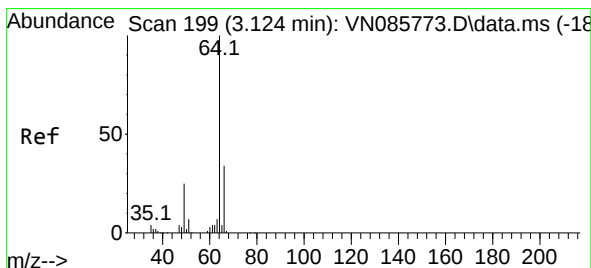
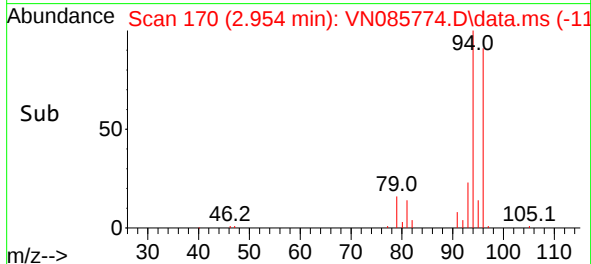
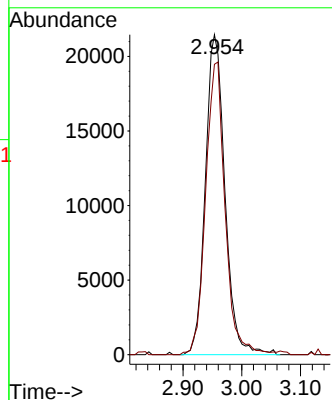
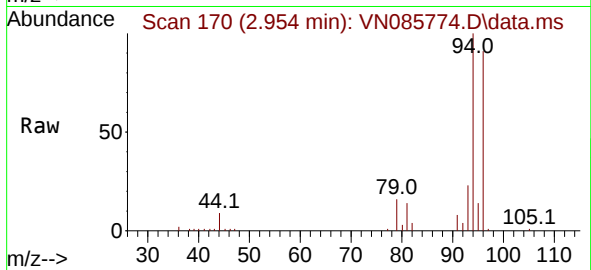
#5
Bromomethane
Concen: 16.601 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085774.D
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Tgt Ion: 94 Resp: 49494
Ion Ratio Lower Upper
94 100
96 90.8 71.7 107.5

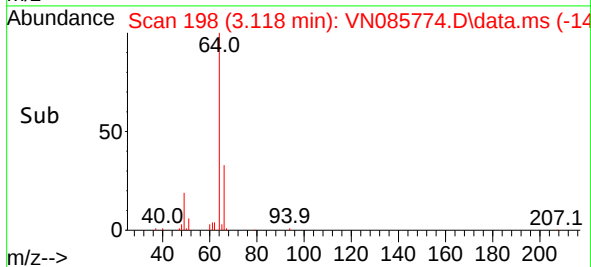
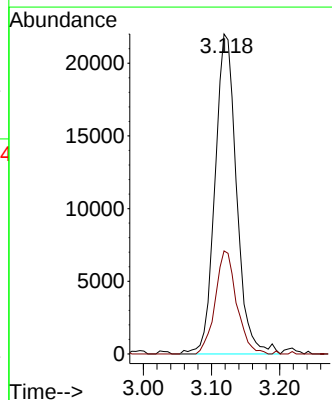
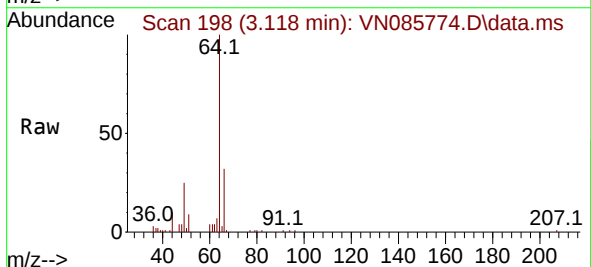
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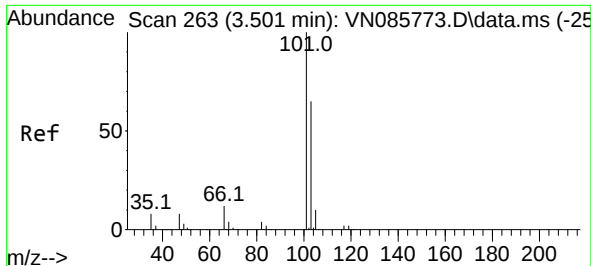
Reviewed By :John Carlone 02/19/2025
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#6
Chloroethane
Concen: 15.694 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Tgt Ion: 64 Resp: 48468
Ion Ratio Lower Upper
64 100
66 32.2 27.0 40.6





#7
Trichlorofluoromethane
Concen: 16.191 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN085774.D
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Instrument :

MSVOA_N

ClientSampleId :

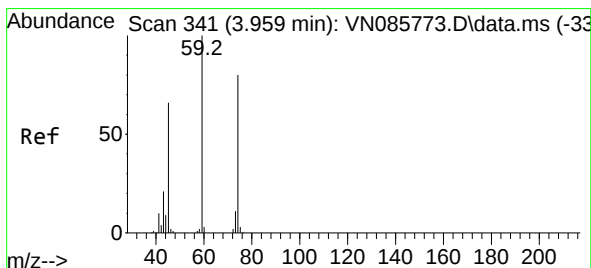
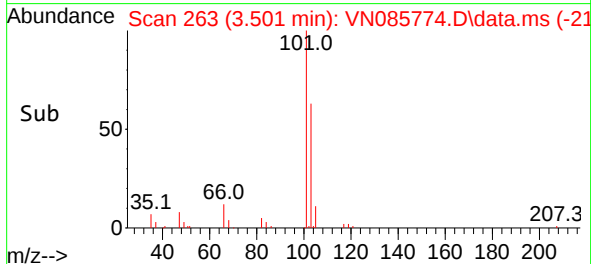
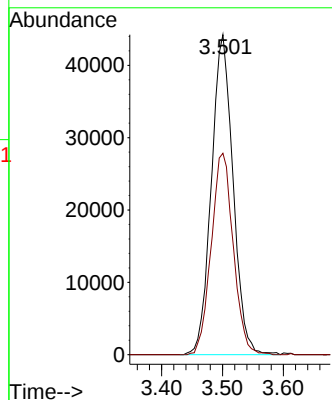
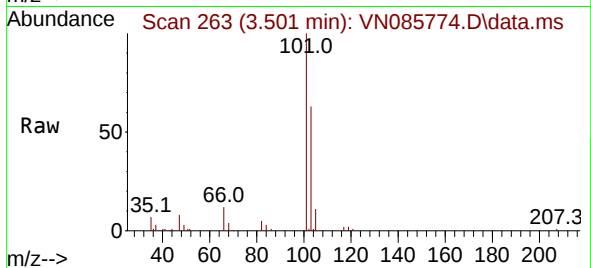
VSTDIC020

Tgt Ion:101 Resp: 10930
Ion Ratio Lower Upper
101 100
103 62.9 52.2 78.4

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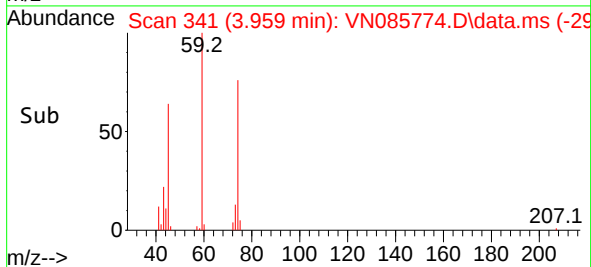
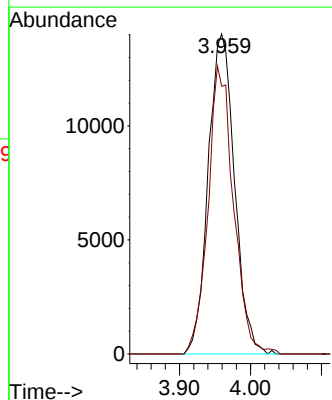
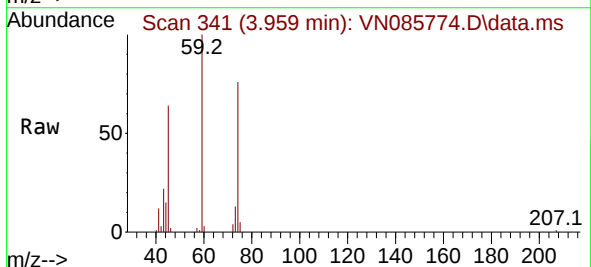
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#8
Diethyl Ether
Concen: 16.524 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Tgt Ion: 74 Resp: 36092
Ion Ratio Lower Upper
74 100
45 87.3 42.5 127.6





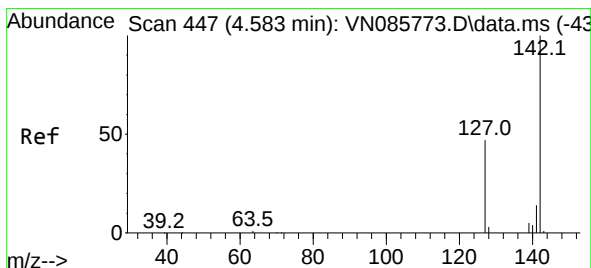
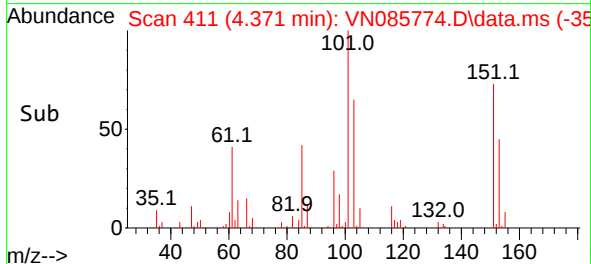
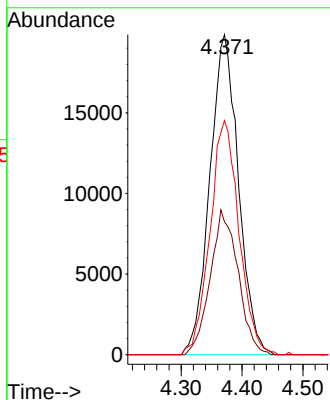
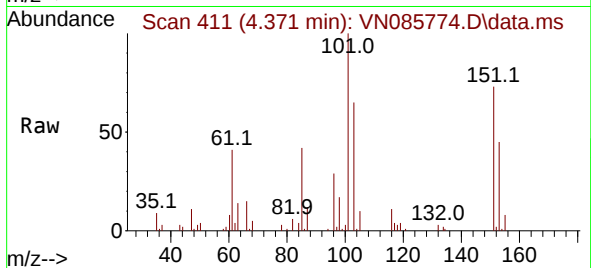
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.603 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 6478
Ion Ratio Lower Upper
101 100
85 44.0 35.7 53.5
151 74.0 61.4 92.2

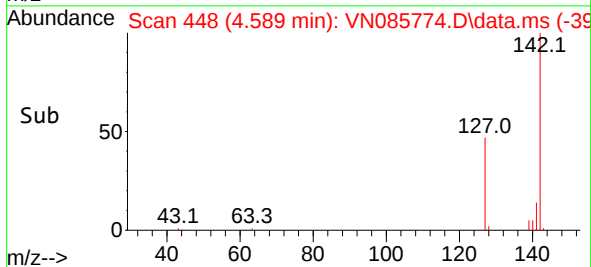
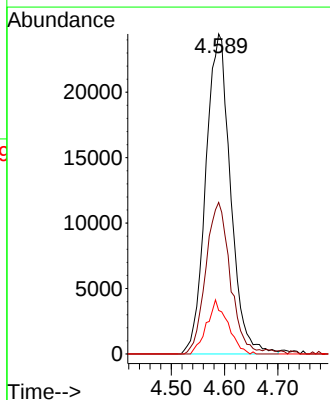
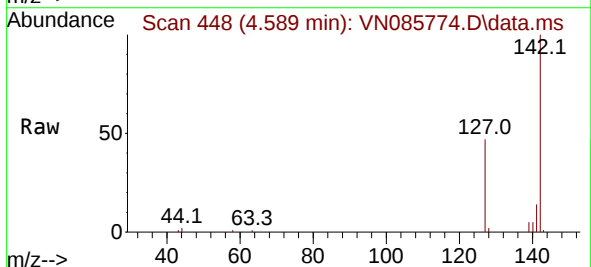
Manual Integrations
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Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#10
Methyl Iodide
Concen: 16.381 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

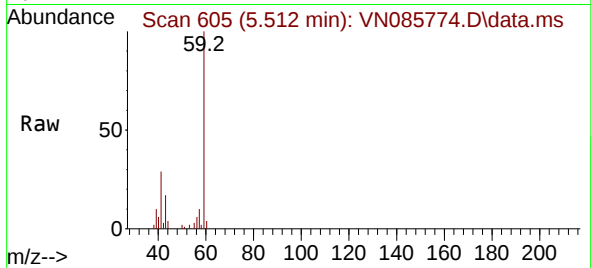
Tgt Ion:142 Resp: 78793
Ion Ratio Lower Upper
142 100
127 47.4 37.6 56.4
141 13.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 80.252 ug/l
RT: 5.512 min Scan# 604
Delta R.T. 0.006 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

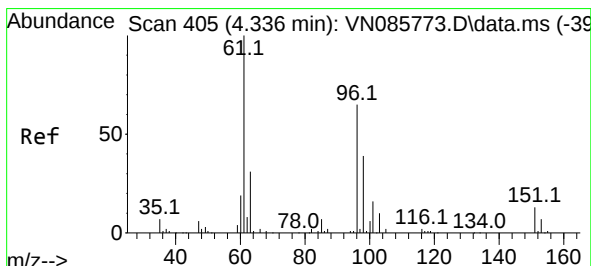
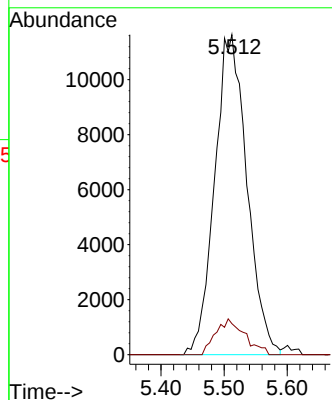
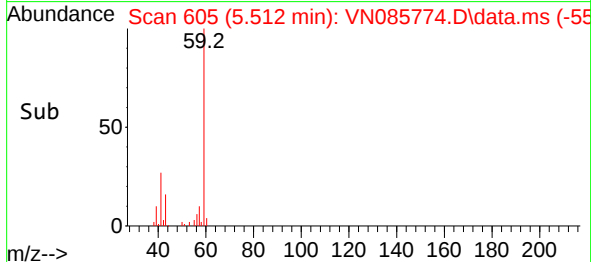
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



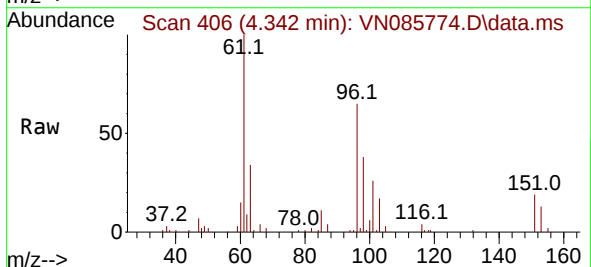
Tgt Ion: 59 Resp: 4128
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

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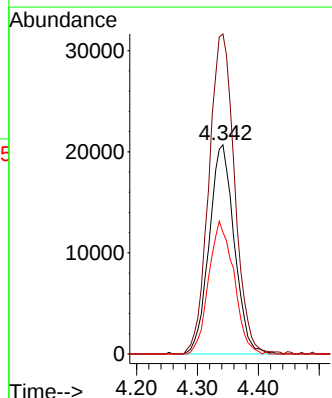
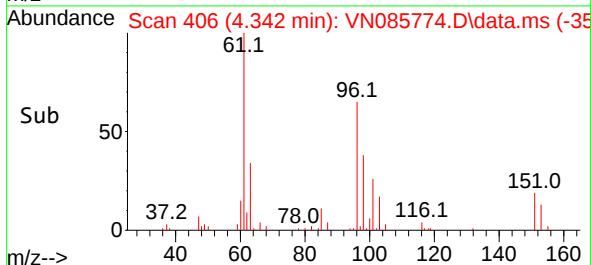
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

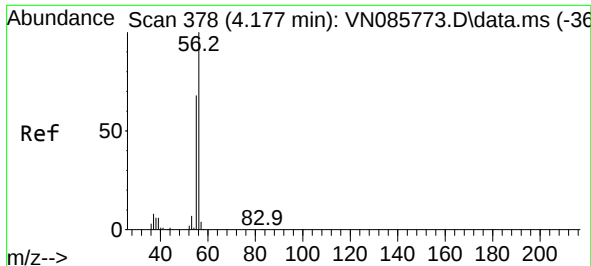


#12
1,1-Dichloroethene
Concen: 16.738 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56



Tgt Ion: 96 Resp: 59222
Ion Ratio Lower Upper
96 100
61 153.1 123.3 184.9
98 58.2 48.6 72.8





#13

Acrolein

Concen: 101.810 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN085774.D

Acq: 18 Feb 2025 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 7767

Ion Ratio Lower Upper

56 100

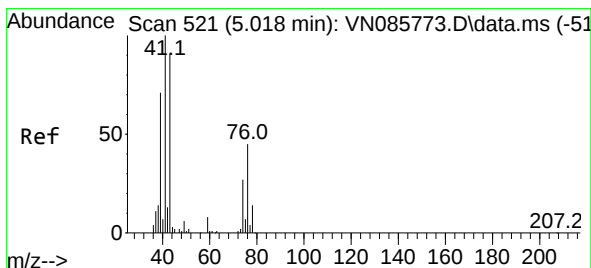
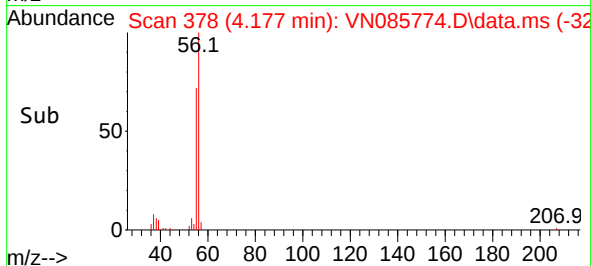
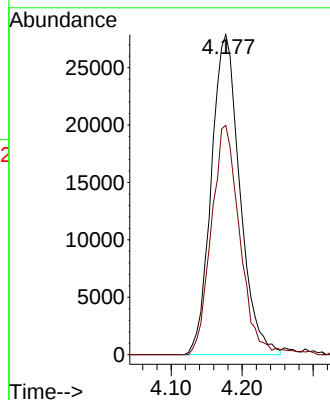
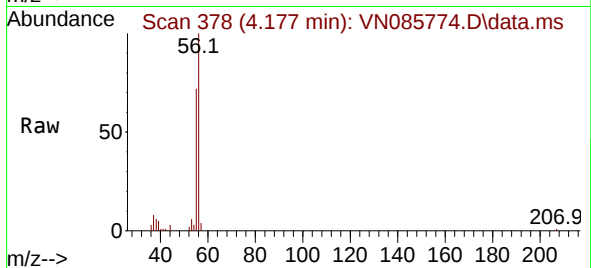
55 71.9 55.3 82.9

Manual Integrations

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Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#14

Allyl chloride

Concen: 15.997 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN085774.D

Acq: 18 Feb 2025 11:56

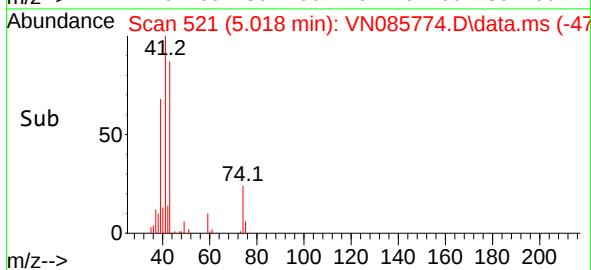
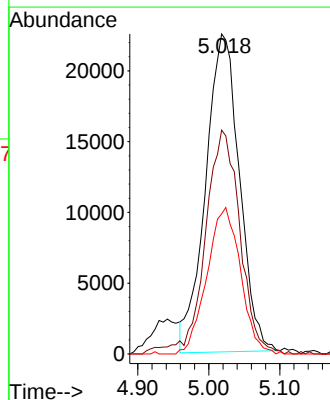
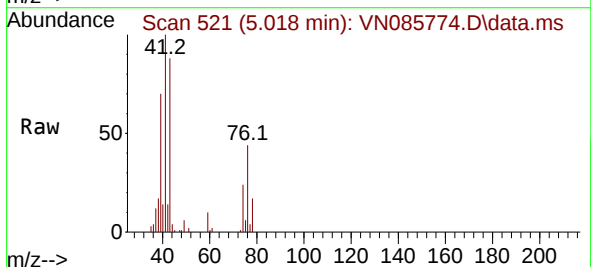
Tgt Ion: 41 Resp: 74310

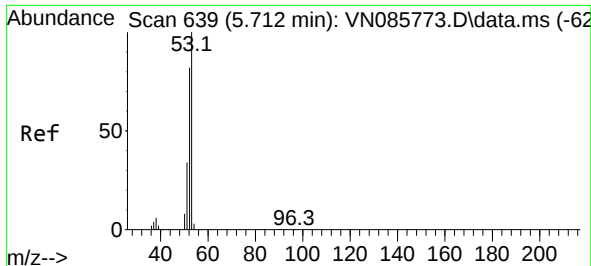
Ion Ratio Lower Upper

41 100

39 72.3 57.4 86.2

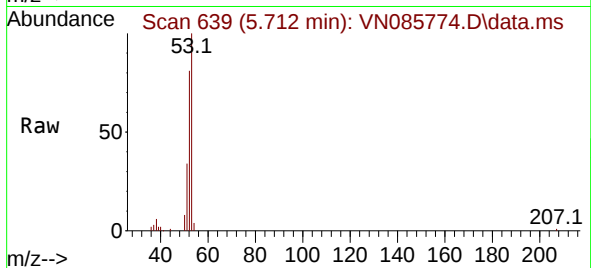
76 45.7 36.2 54.2





#15
Acrylonitrile
Concen: 80.589 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

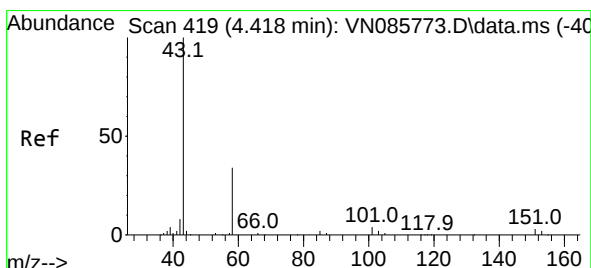
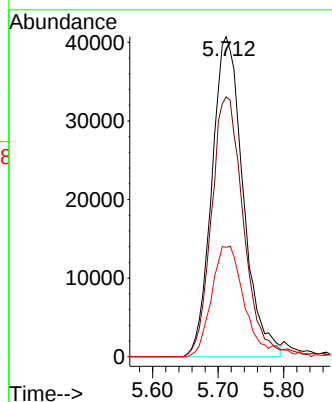
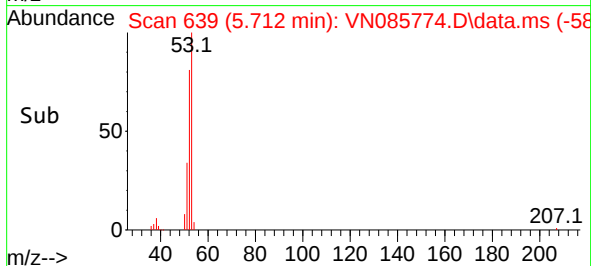
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



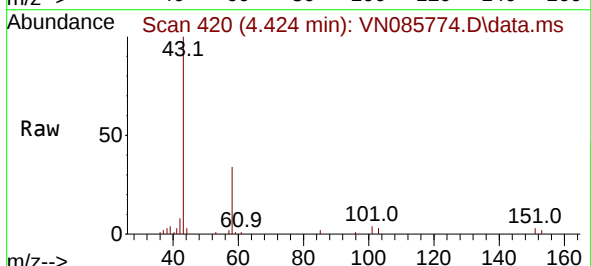
Tgt Ion: 53 Resp: 134784
Ion Ratio Lower Upper
53 100
52 83.3 65.8 98.6
51 35.2 28.6 42.8

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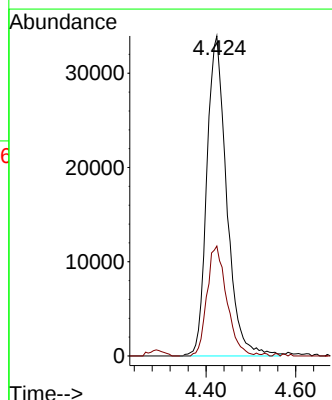
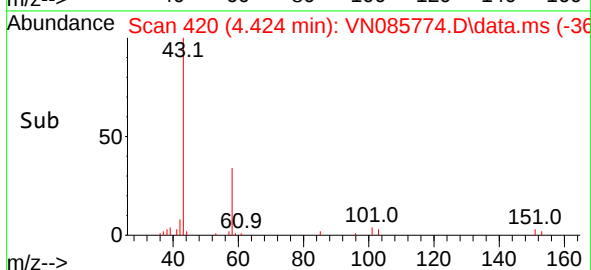
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

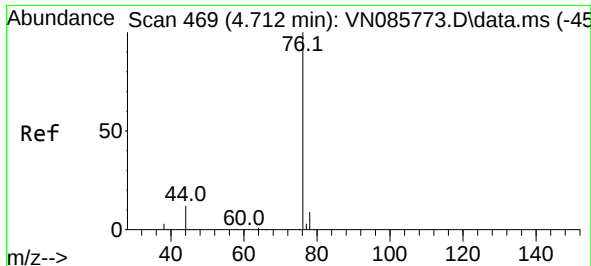


#16
Acetone
Concen: 78.956 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56



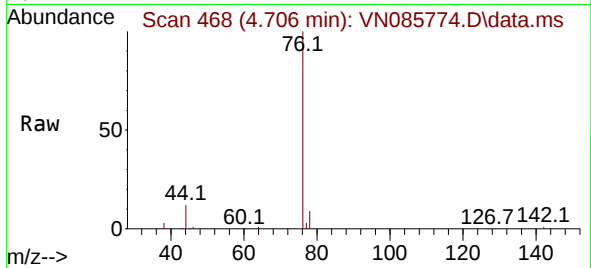
Tgt Ion: 43 Resp: 104501
Ion Ratio Lower Upper
43 100
58 34.4 27.5 41.3





#17
Carbon Disulfide
Concen: 15.574 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

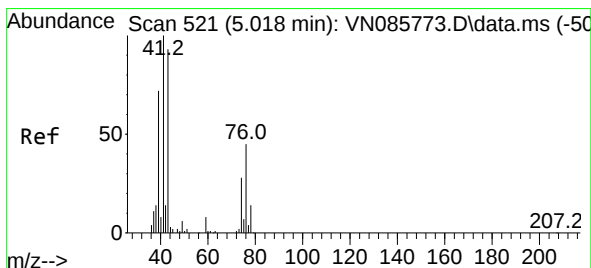
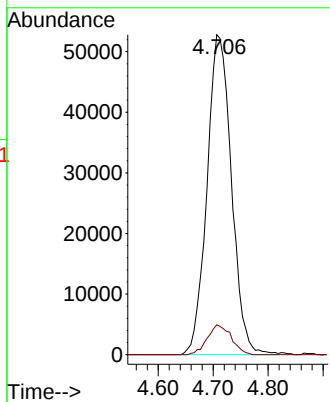
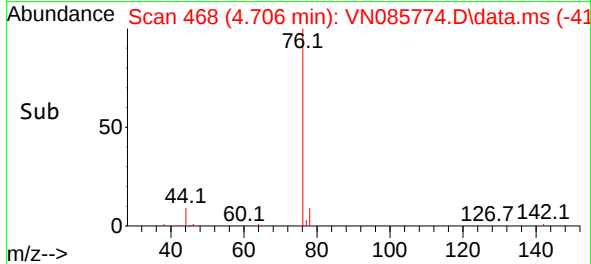
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 163310
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

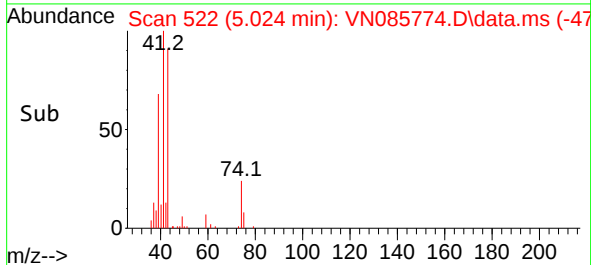
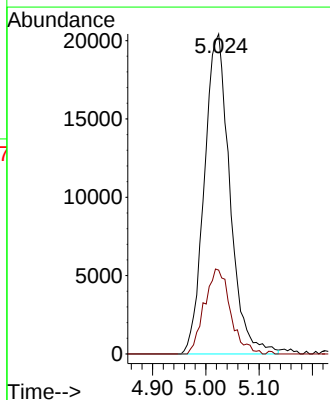
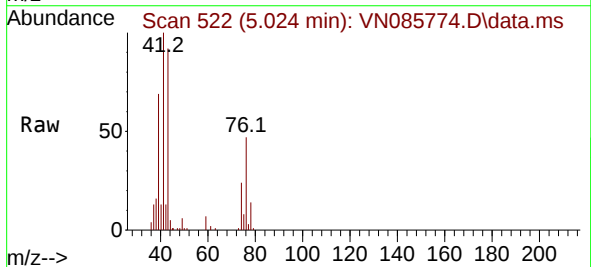
Manual Integrations
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Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#18
Methyl Acetate
Concen: 14.908 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Tgt Ion: 43 Resp: 67868
Ion Ratio Lower Upper
43 100
74 27.0 22.2 33.4





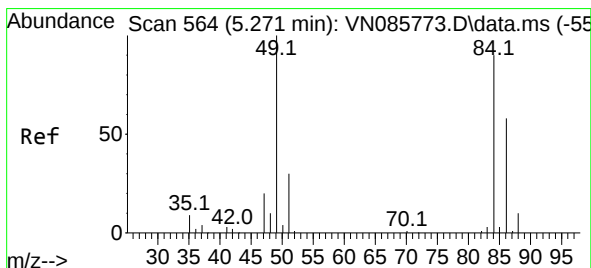
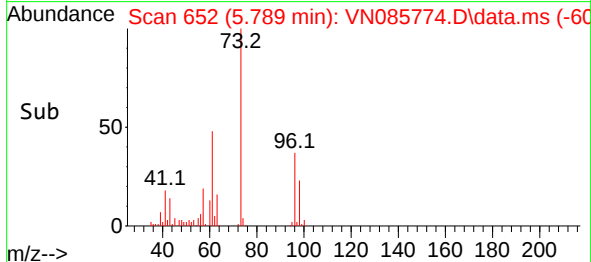
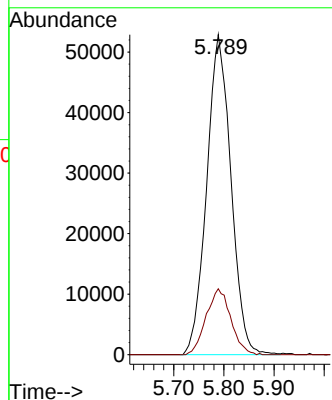
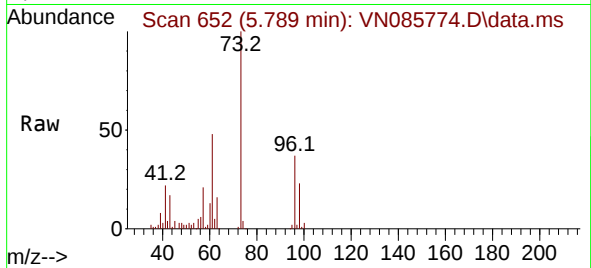
#19
Methyl tert-butyl Ether
Concen: 16.928 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 177970
Ion Ratio Lower Upper
73 100
57 20.6 17.6 26.4

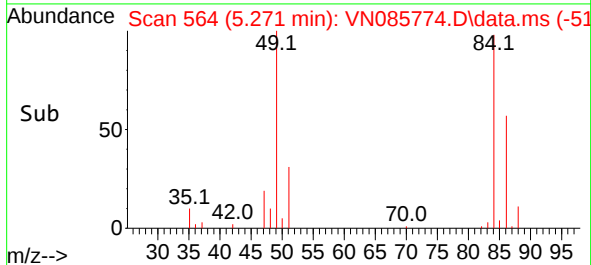
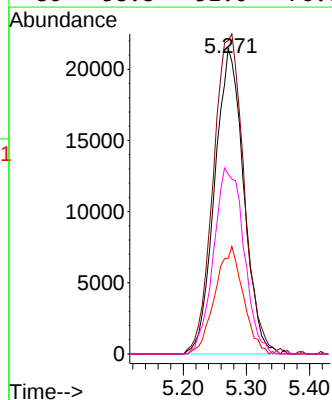
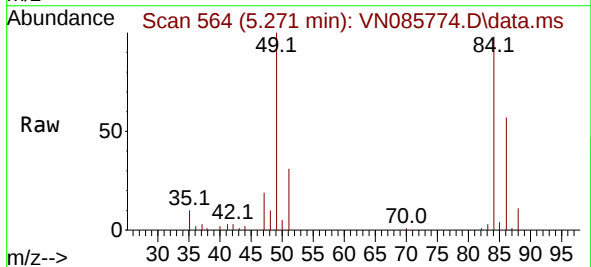
Manual Integrations
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Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#20
Methylene Chloride
Concen: 16.053 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

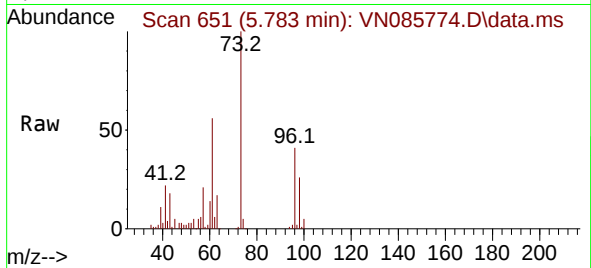
Tgt Ion: 84 Resp: 68329
Ion Ratio Lower Upper
84 100
49 102.5 88.4 132.6
51 31.3 26.6 40.0
86 58.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 16.316 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

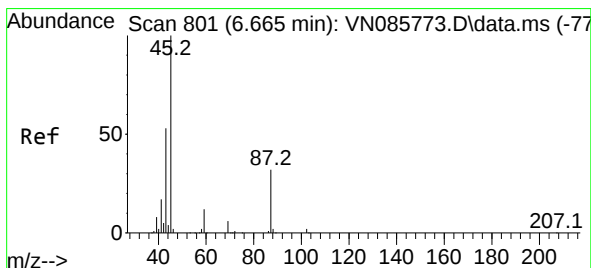
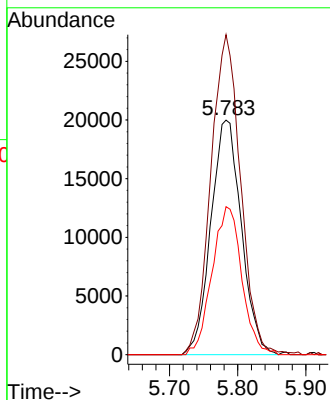
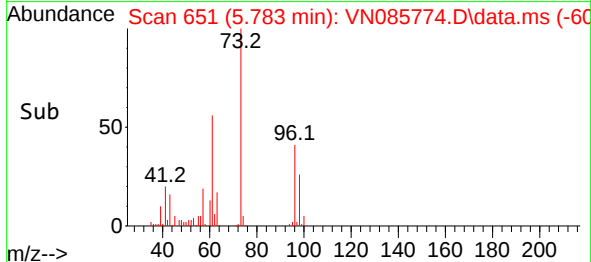
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 6216
Ion Ratio Lower Upper
96 100
61 136.4 112.6 168.8
98 63.1 53.3 79.9

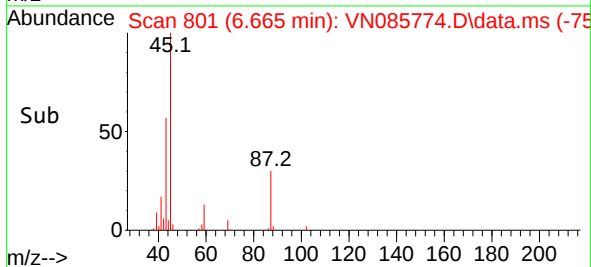
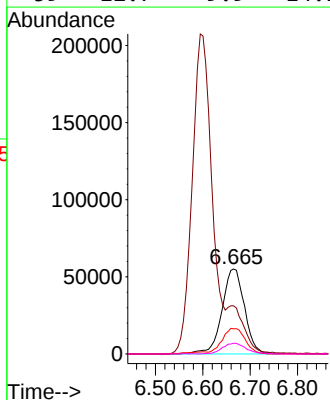
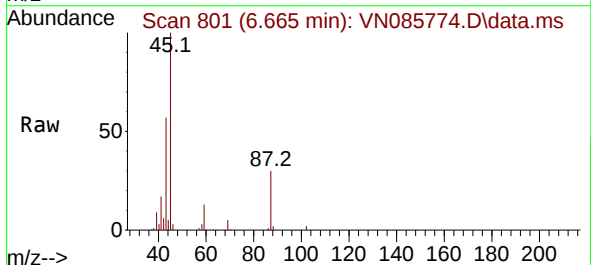
Manual Integrations
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Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#22
Diisopropyl ether
Concen: 17.295 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

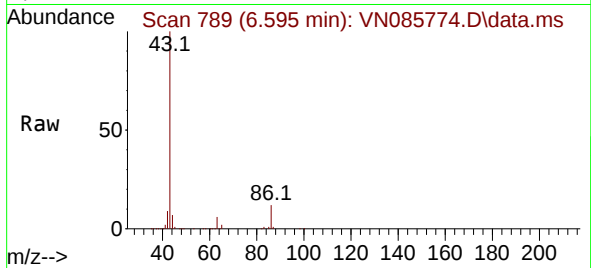
Tgt Ion: 45 Resp: 181542
Ion Ratio Lower Upper
45 100
43 55.4 42.6 64.0
87 29.6 25.8 38.8
59 12.7 9.9 14.9





#23
 Vinyl Acetate
 Concen: 83.603 ug/l
 RT: 6.595 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN085774.D
 Acq: 18 Feb 2025 11:56

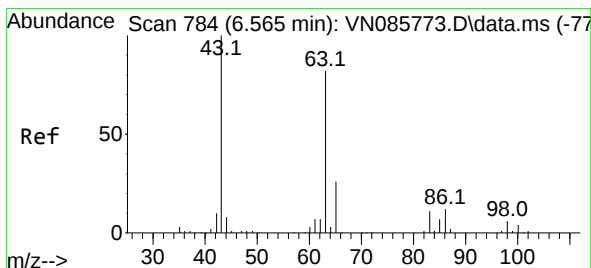
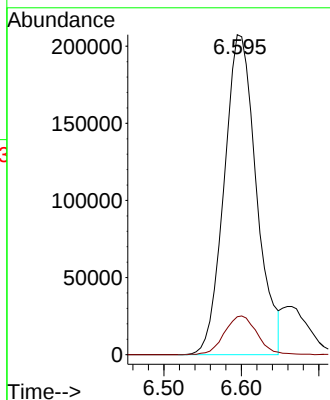
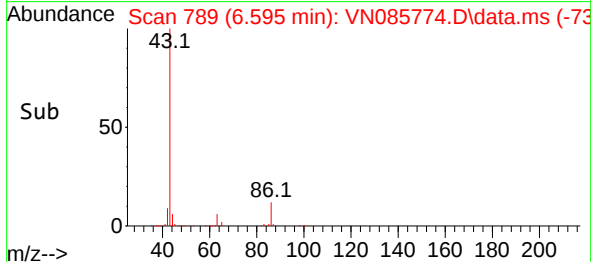
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 43 Resp: 600860
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.8 14.8

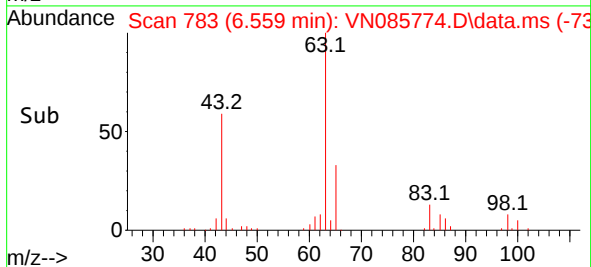
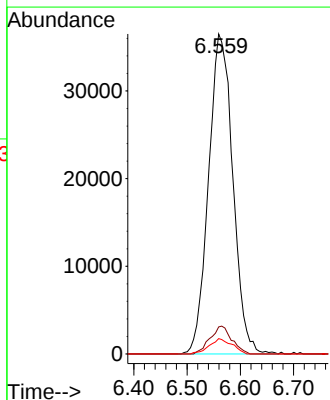
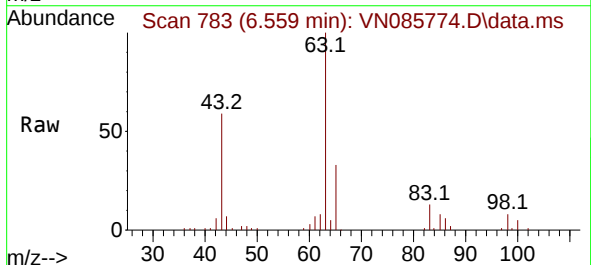
Manual Integrations
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Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#24
 1,1-Dichloroethane
 Concen: 16.200 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN085774.D
 Acq: 18 Feb 2025 11:56

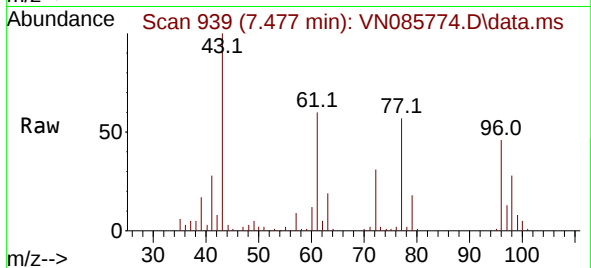
Tgt Ion: 63 Resp: 115596
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.5 10.4
 100 4.8 2.4 7.2





#25
2-Butanone
Concen: 81.657 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

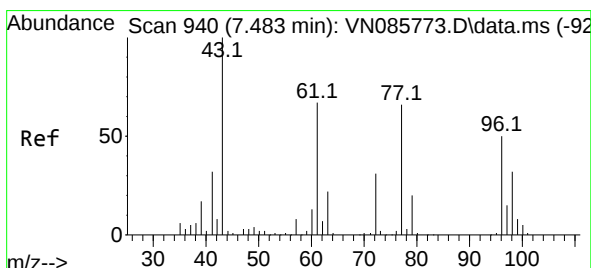
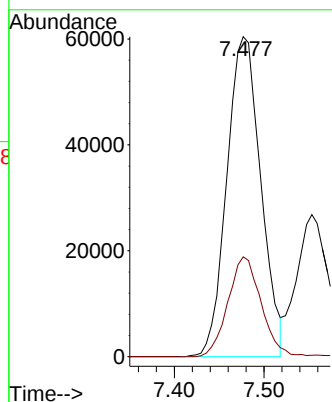
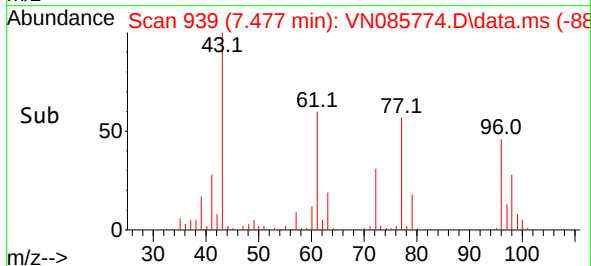
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 15899
Ion Ratio Lower Upper
43 100
72 31.2 23.6 35.4

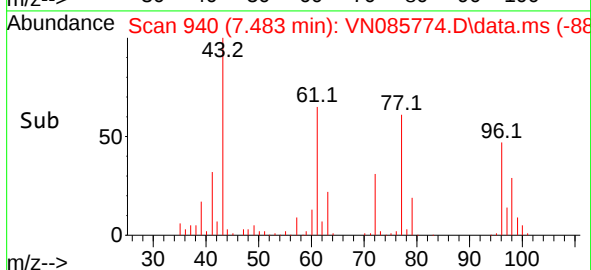
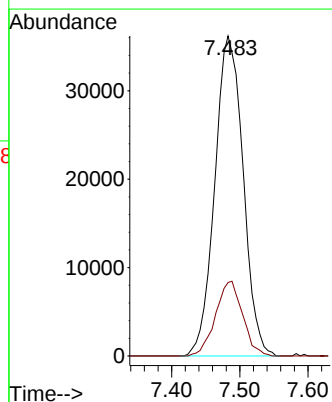
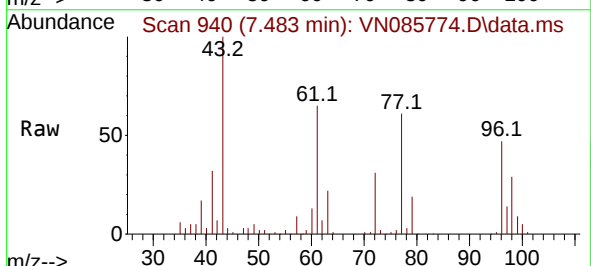
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 16.499 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Tgt Ion: 77 Resp: 104686
Ion Ratio Lower Upper
77 100
97 22.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 16.639 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN085774.D

Acq: 18 Feb 2025 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 7350

Ion Ratio Lower Upper

96 100

61 138.2 0.0 280.6

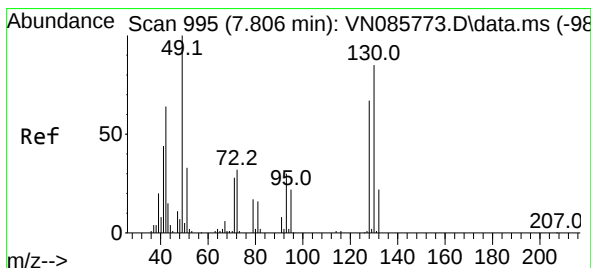
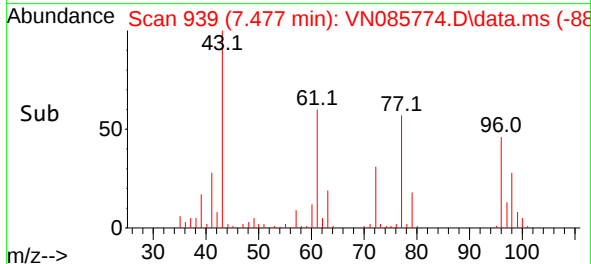
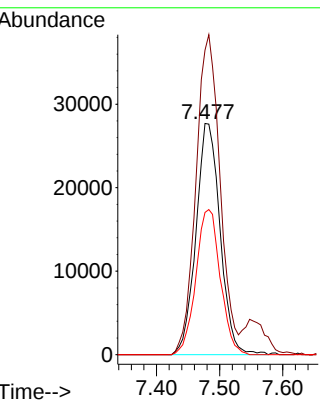
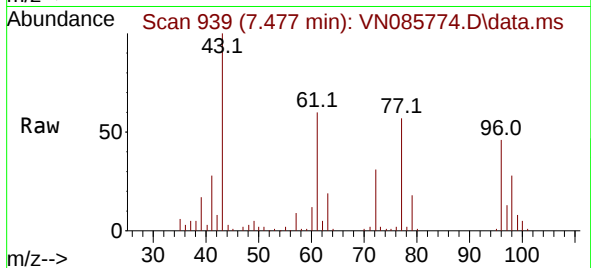
98 63.5 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#28

Bromochloromethane

Concen: 20.768 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.006 min

Lab File: VN085774.D

Acq: 18 Feb 2025 11:56

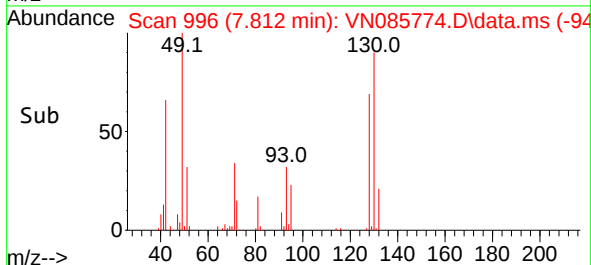
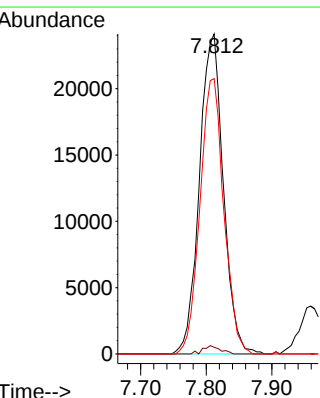
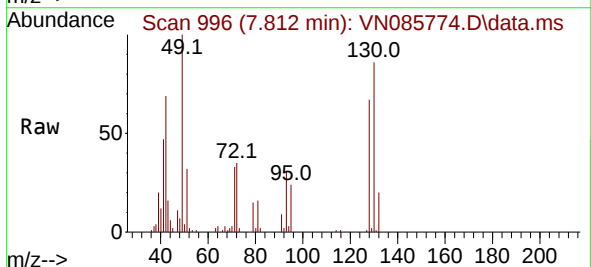
Tgt Ion: 49 Resp: 60909

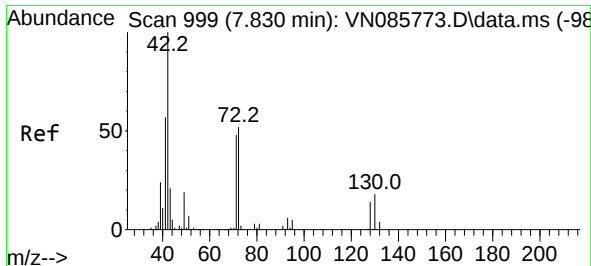
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

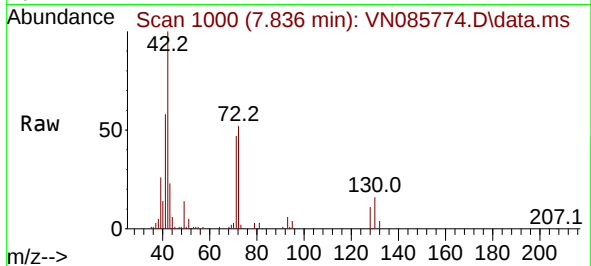
130 85.8 68.0 102.0





#29
Tetrahydrofuran
Concen: 83.934 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

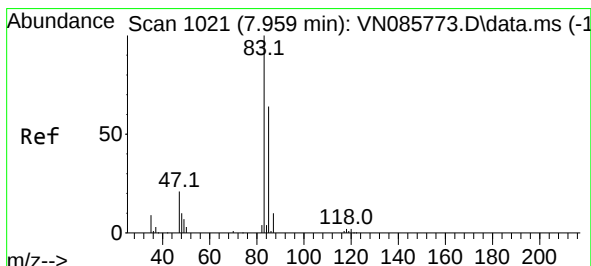
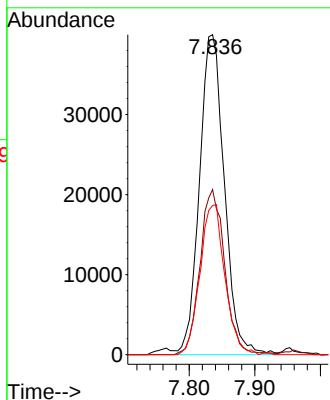
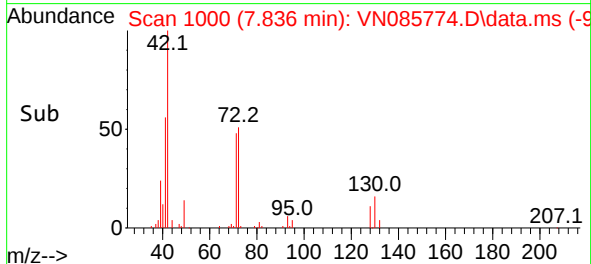
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 42 Resp: 10553
Ion Ratio Lower Upper
42 100
72 51.2 40.0 60.0
71 47.0 37.0 55.4

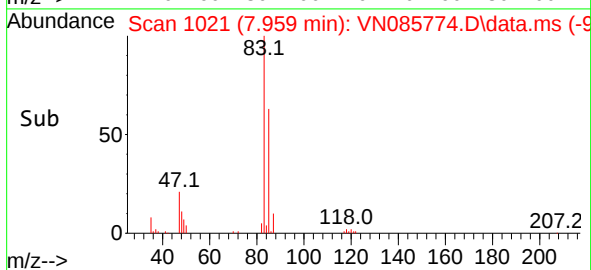
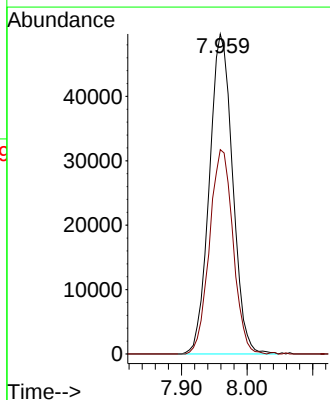
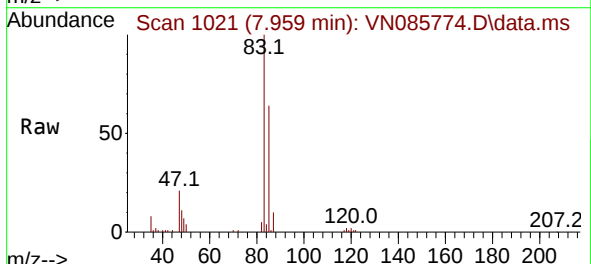
Manual Integrations
APPROVED

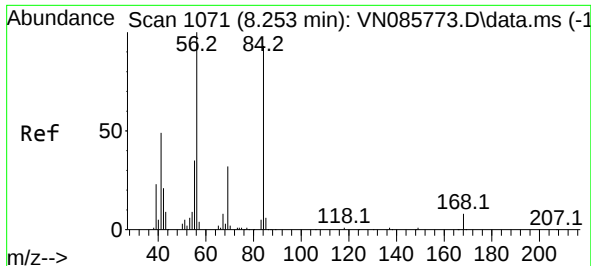
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#30
Chloroform
Concen: 16.426 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

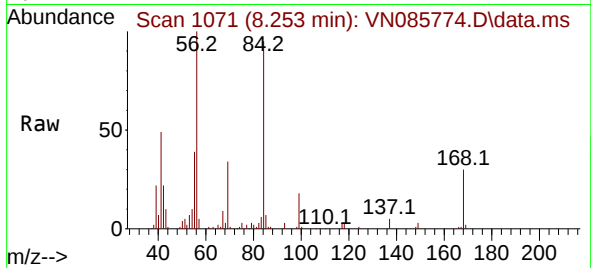
Tgt Ion: 83 Resp: 122487
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3





#31
Cyclohexane
Concen: 15.943 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

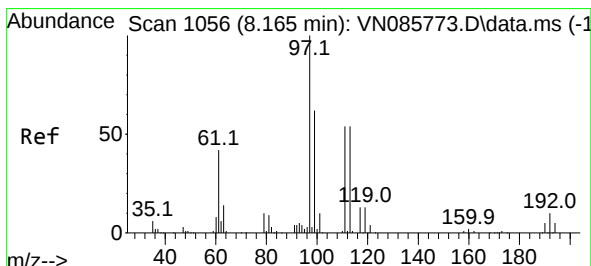
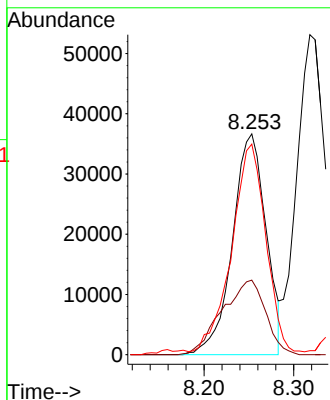
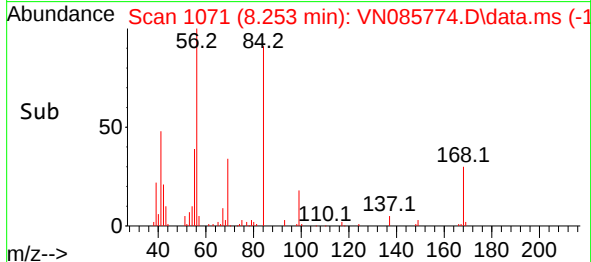
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



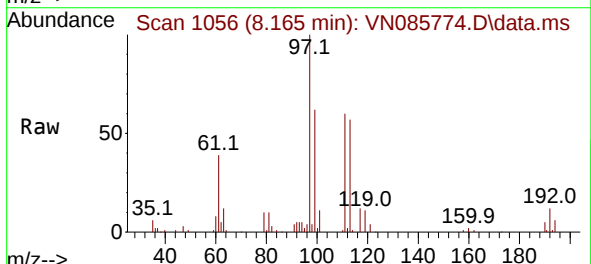
Tgt Ion: 56 Resp: 95248
Ion Ratio Lower Upper
56 100
69 33.8 25.8 38.6
84 93.7 74.5 111.7

Manual Integrations
APPROVED

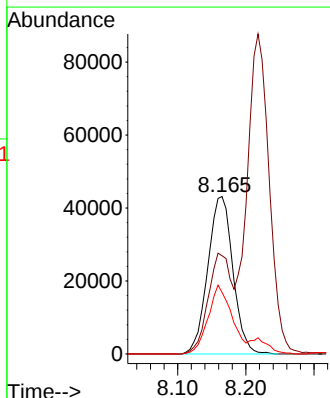
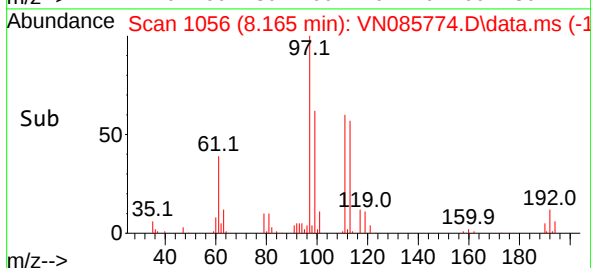
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#32
1,1,1-Trichloroethane
Concen: 16.682 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56



Tgt Ion: 97 Resp: 110643
Ion Ratio Lower Upper
97 100
99 59.4 50.4 75.6
61 41.4 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 18.524 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VN085774.D

Acq: 18 Feb 2025 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 7748

Ion Ratio Lower Upper

65 100

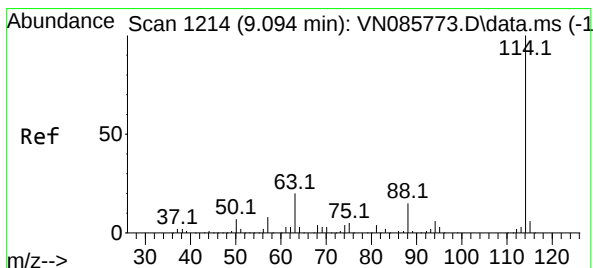
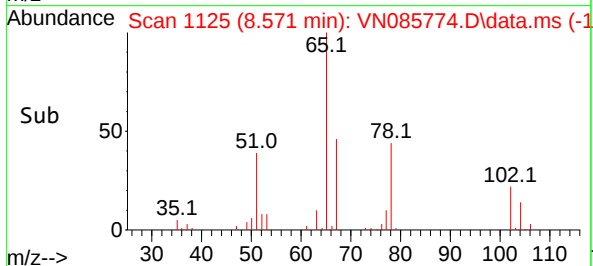
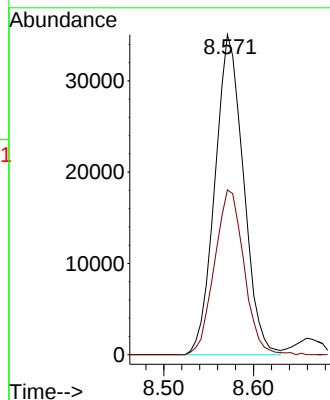
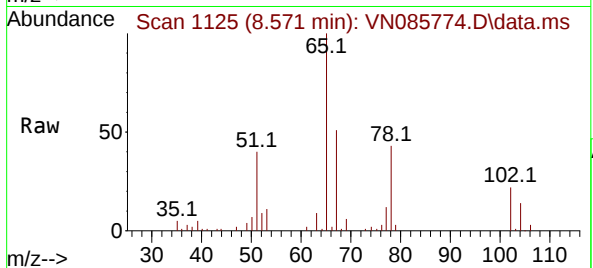
67 53.2 0.0 106.2

Manual Integrations

APPROVED

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: VN085774.D

Acq: 18 Feb 2025 11:56

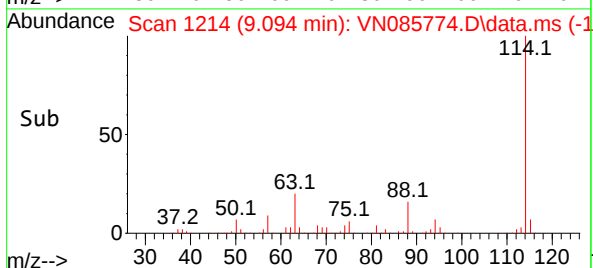
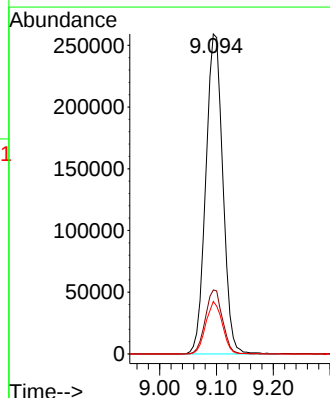
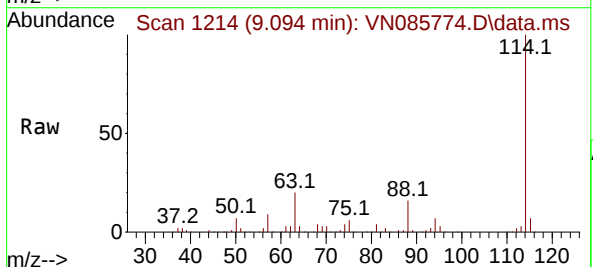
Tgt Ion:114 Resp: 539156

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 16.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 18.347 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085774.D

Acq: 18 Feb 2025 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:113 Resp: 64728

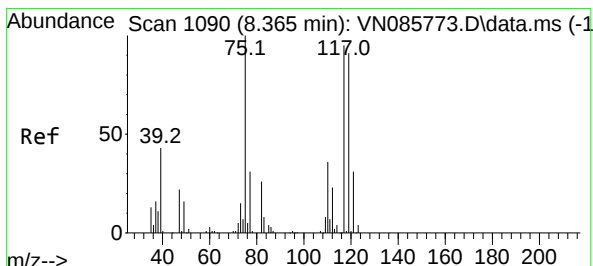
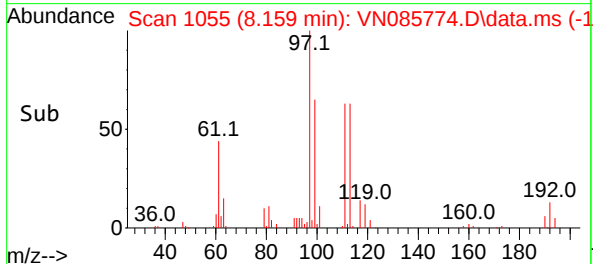
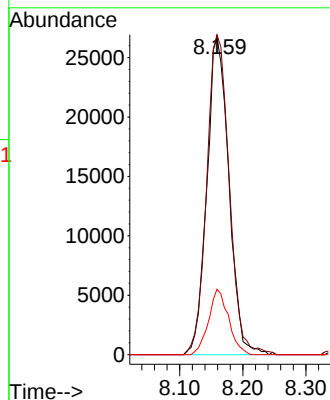
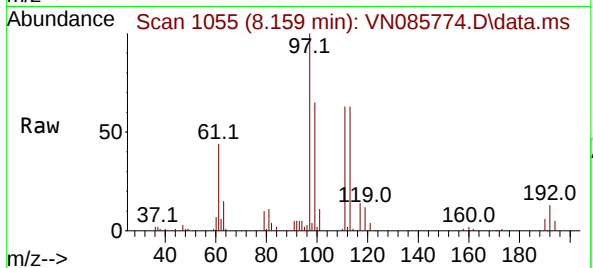
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	18.7	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#36

1,1-Dichloropropene

Concen: 16.576 ug/l

RT: 8.371 min Scan# 1091

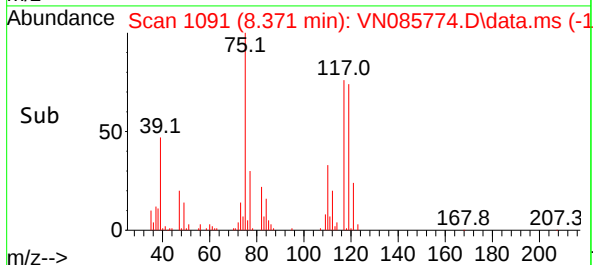
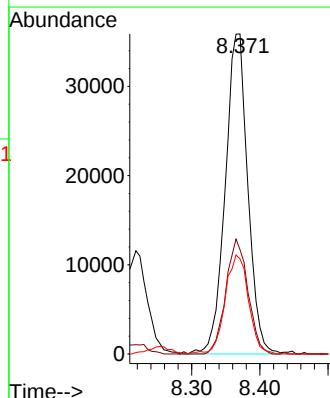
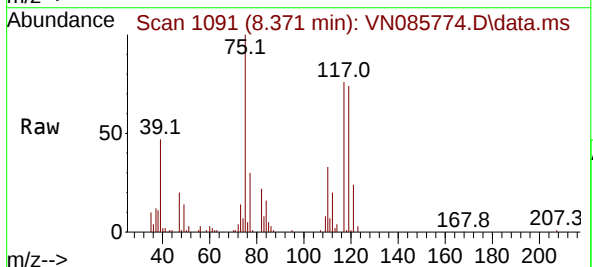
Delta R.T. 0.006 min

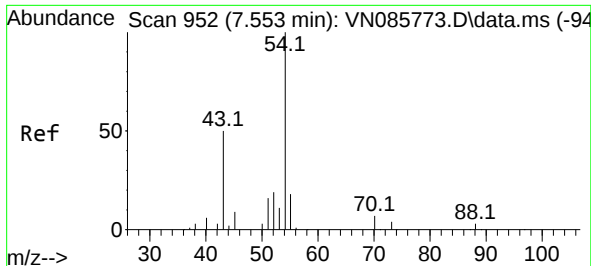
Lab File: VN085774.D

Acq: 18 Feb 2025 11:56

Tgt Ion: 75 Resp: 82766

Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.3	52.0
77	31.9	24.6	37.0





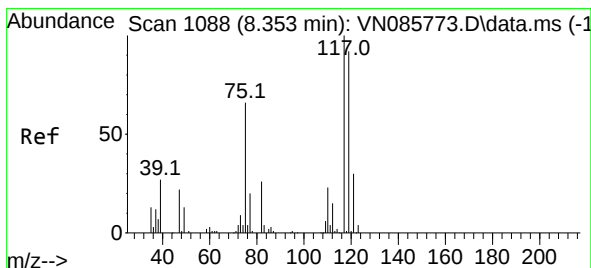
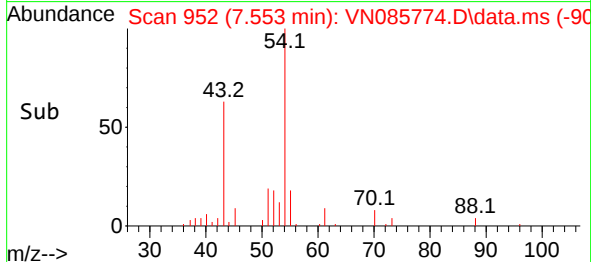
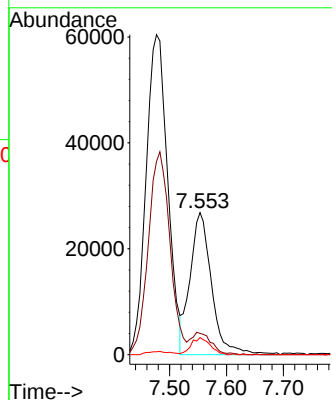
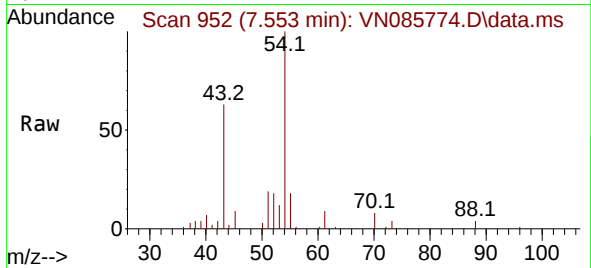
#37
Ethyl Acetate
Concen: 17.261 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 70925
Ion Ratio Lower Upper
43 100
61 14.7 12.2 18.2
70 10.5 9.5 14.3

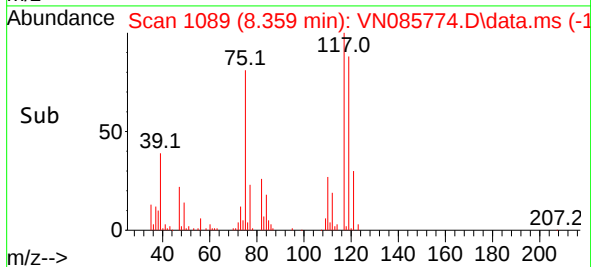
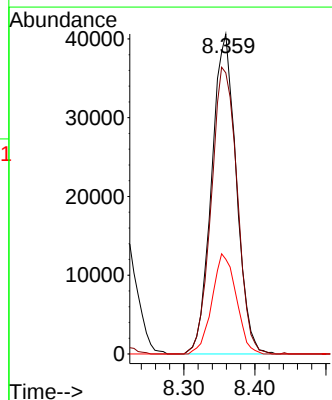
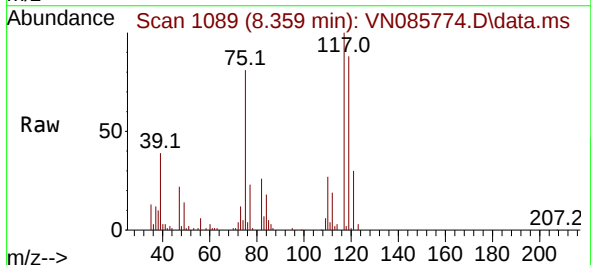
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 16.499 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Tgt Ion:117 Resp: 97884
Ion Ratio Lower Upper
117 100
119 87.9 73.8 110.6
121 29.6 24.3 36.5





#39

Methylcyclohexane

Concen: 16.929 ug/l

RT: 9.594 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085774.D

Acq: 18 Feb 2025 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

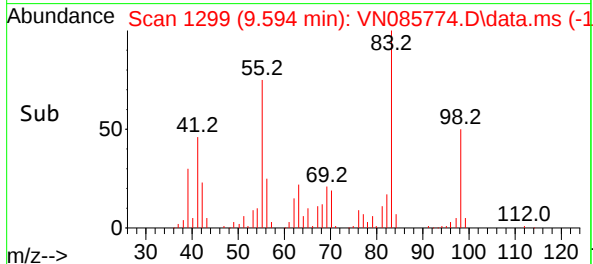
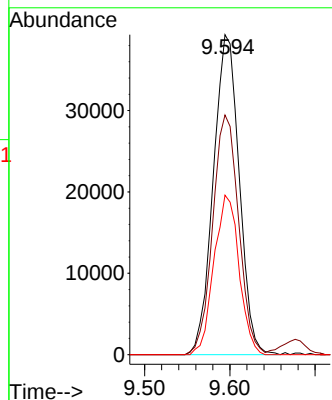
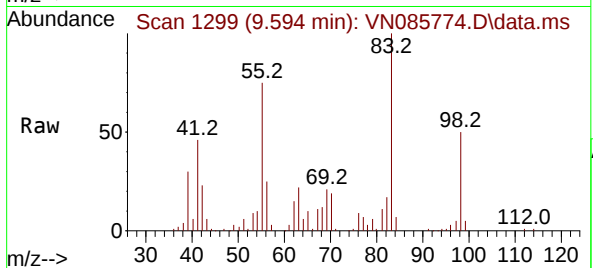
Tgt Ion: 83	Resp: 8304
Ion Ratio	Lower Upper
83	100
55	74.9 57.5 86.3
98	49.9 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#40

Benzene

Concen: 16.599 ug/l

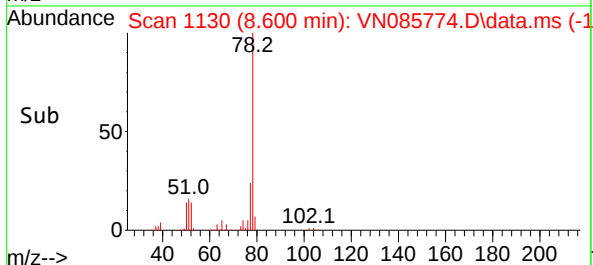
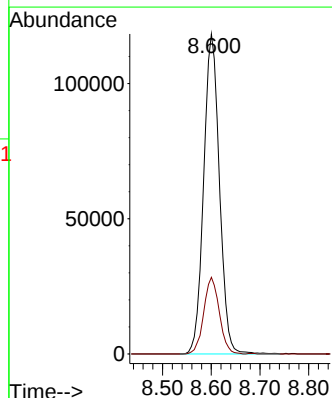
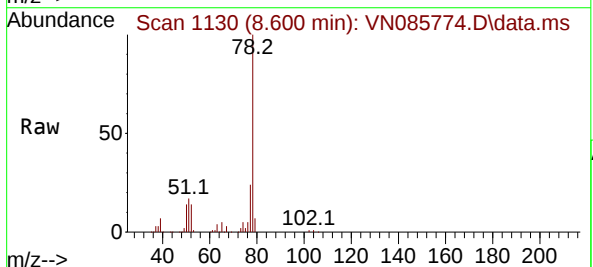
RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085774.D

Acq: 18 Feb 2025 11:56

Tgt Ion: 78	Resp: 265630
Ion Ratio	Lower Upper
78	100
77	23.9 18.3 27.5





#41
Methacrylonitrile
Concen: 17.109 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Instrument :

MSVOA_N

ClientSampleId :

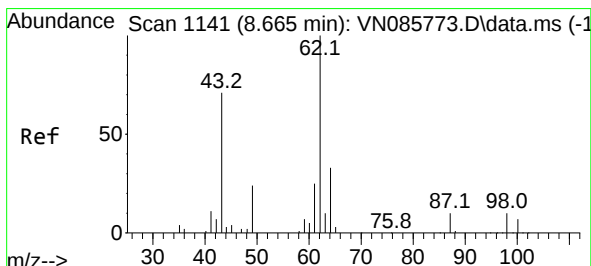
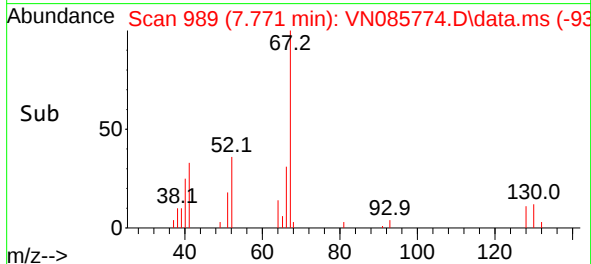
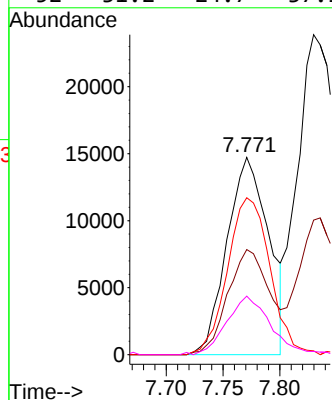
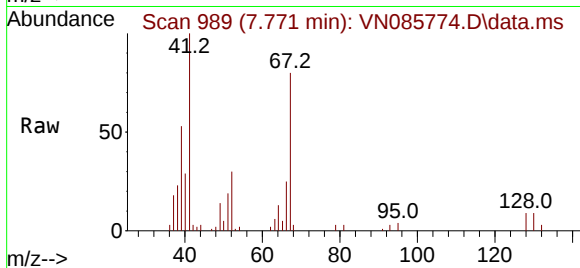
VSTDIC020

Tgt Ion: 41 Resp: 3758
Ion Ratio Lower Upper
41 100
39 52.9 42.0 63.0
67 81.0 64.2 96.4
52 31.2 24.7 37.1

Manual Integrations

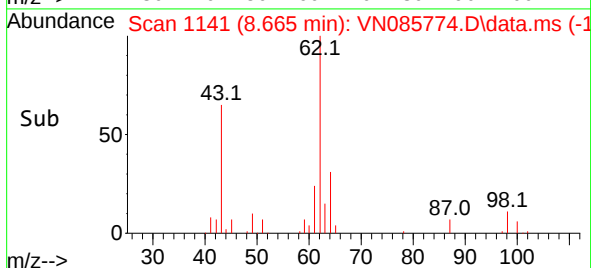
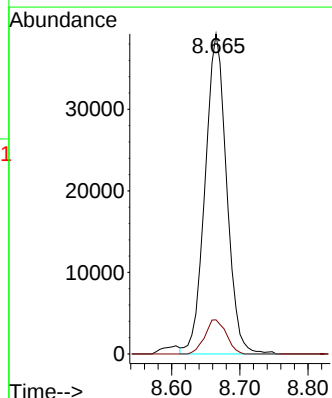
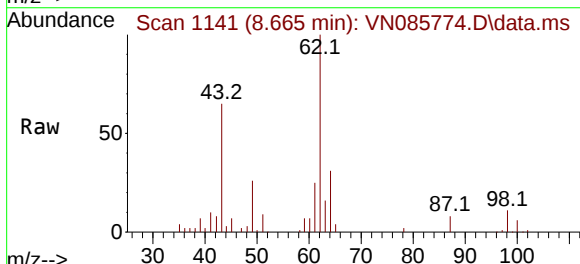
APPROVED

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



#42
1,2-Dichloroethane
Concen: 16.535 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

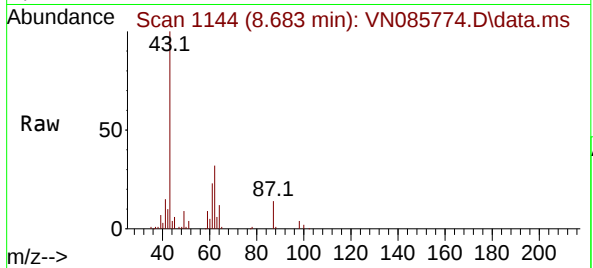
Tgt Ion: 62 Resp: 86193
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.6





#43
Isopropyl Acetate
Concen: 16.612 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

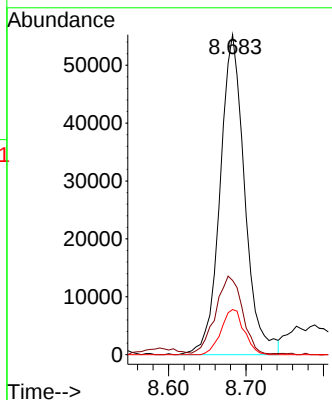
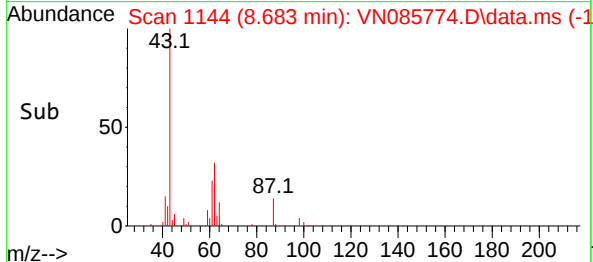
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



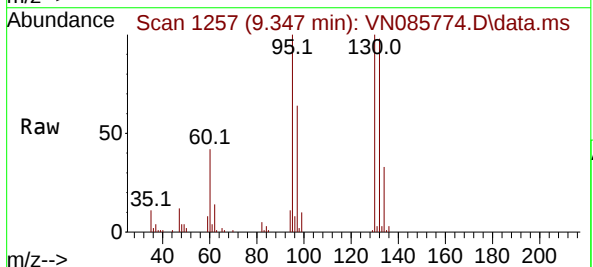
Tgt Ion: 43 Resp: 122420
Ion Ratio Lower Upper
43 100
61 26.3 22.6 34.0
87 13.1 11.8 17.8

Manual Integrations
APPROVED

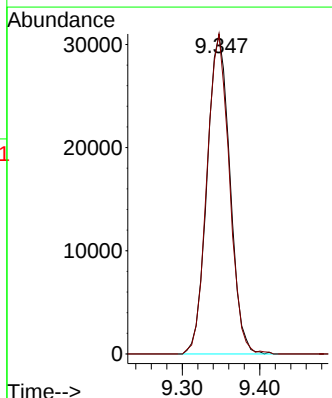
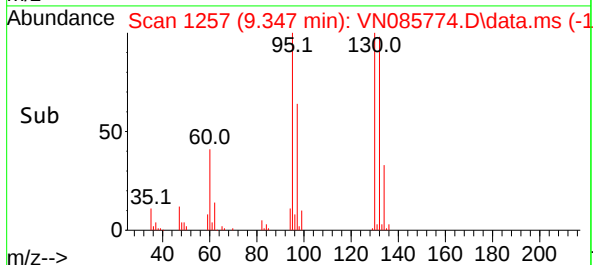
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#44
Trichloroethene
Concen: 16.123 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56



Tgt Ion:130 Resp: 63351
Ion Ratio Lower Upper
130 100
95 100.2 0.0 202.6





#45

1,2-Dichloropropane

Concen: 15.926 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085774.D

Acq: 18 Feb 2025 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 61520

Ion Ratio Lower Upper

63 100

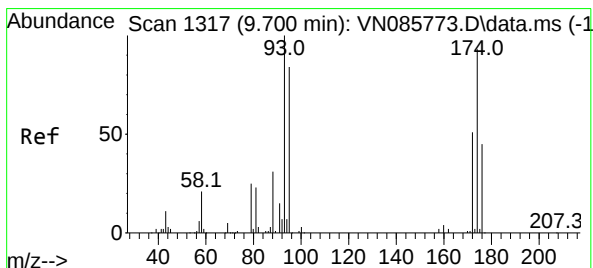
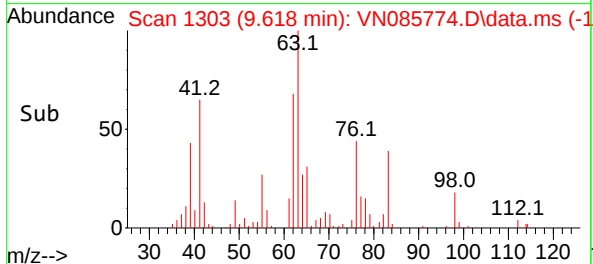
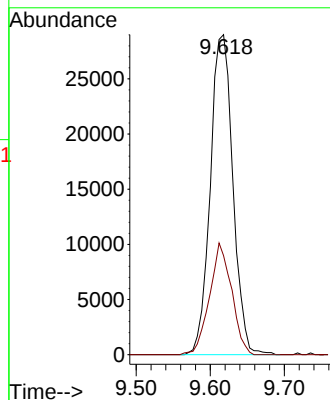
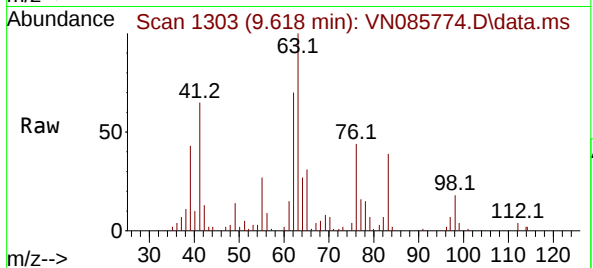
65 30.9 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#46

Dibromomethane

Concen: 16.529 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085774.D

Acq: 18 Feb 2025 11:56

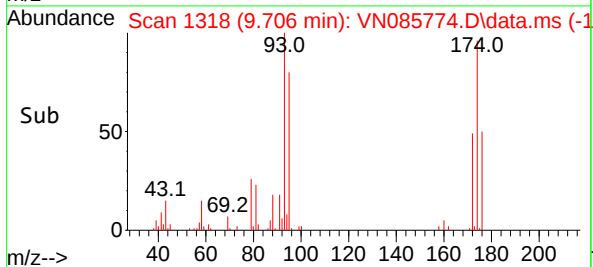
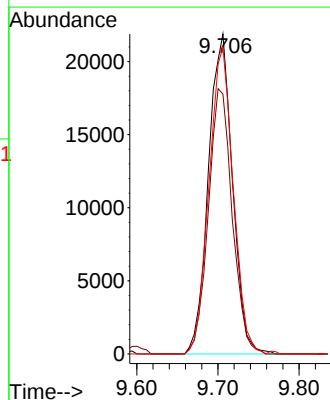
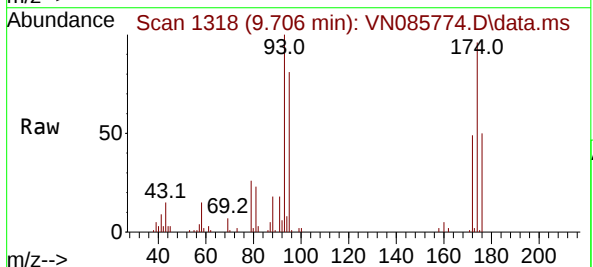
Tgt Ion: 93 Resp: 45036

Ion Ratio Lower Upper

93 100

95 82.3 66.7 100.1

174 96.3 77.2 115.8





#47

Bromodichloromethane

Concen: 15.985 ug/l

RT: 9.883 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VN085774.D

Acq: 18 Feb 2025 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

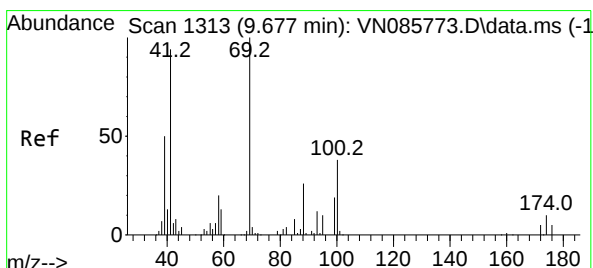
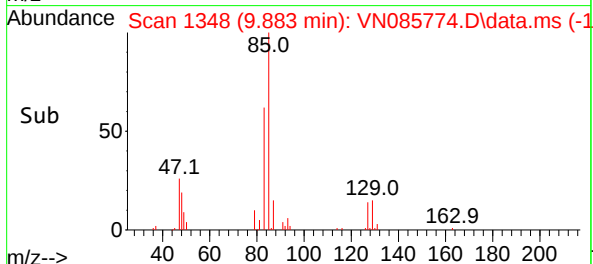
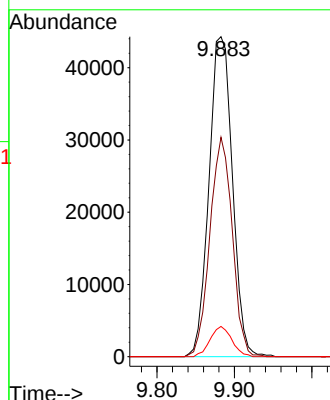
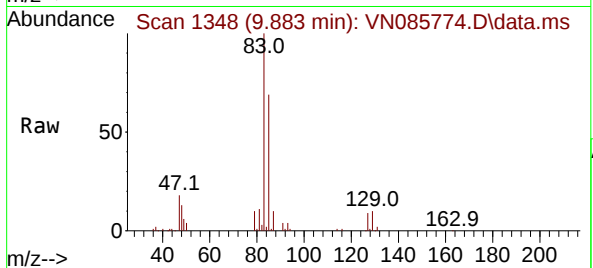
Tgt Ion:	83	Resp:	9318
Ion Ratio	Lower	Upper	
83	100		
85	68.5	50.5	75.7
127	9.4	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#48

Methyl methacrylate

Concen: 16.519 ug/l

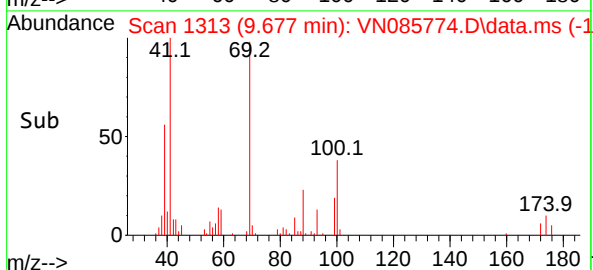
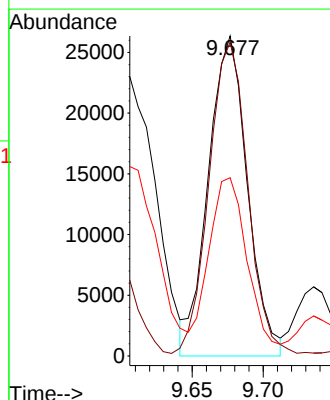
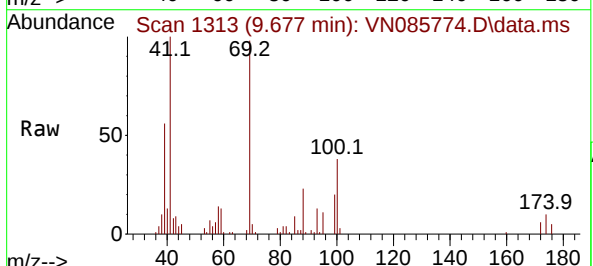
RT: 9.677 min Scan# 1313

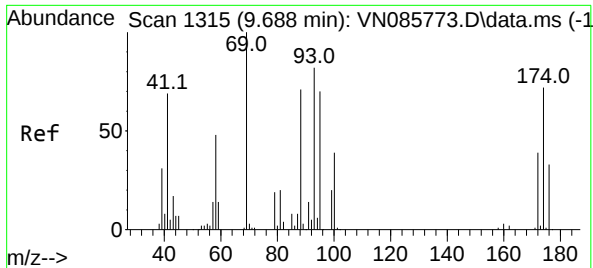
Delta R.T. 0.000 min

Lab File: VN085774.D

Acq: 18 Feb 2025 11:56

Tgt Ion:	41	Resp:	50408
Ion Ratio	Lower	Upper	
41	100		
69	96.4	76.0	114.0
39	54.7	42.3	63.5





#49

1,4-Dioxane

Concen: 330.694 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN085774.D

Acq: 18 Feb 2025 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 19190

Ion Ratio Lower Upper

88 100

43 24.8 18.6 27.8

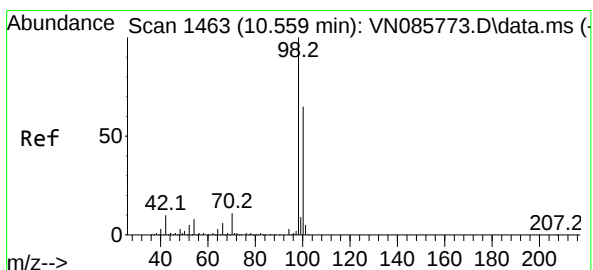
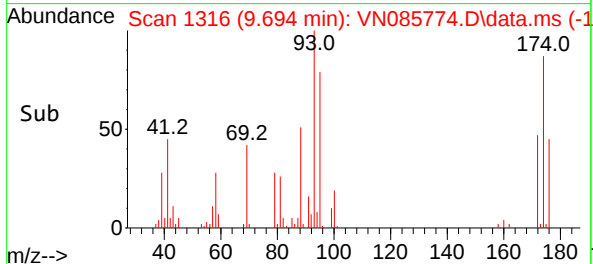
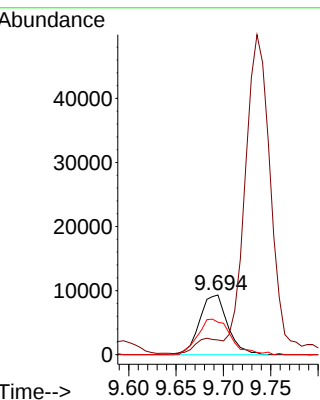
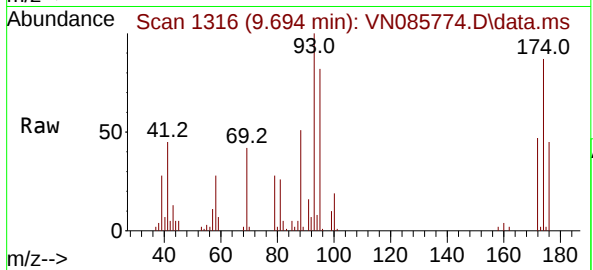
58 70.2 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#50

Toluene-d8

Concen: 18.412 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VN085774.D

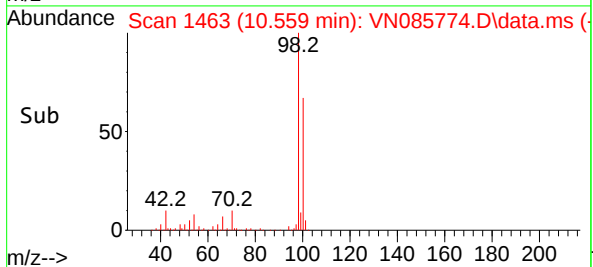
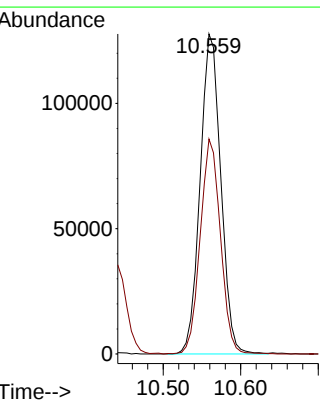
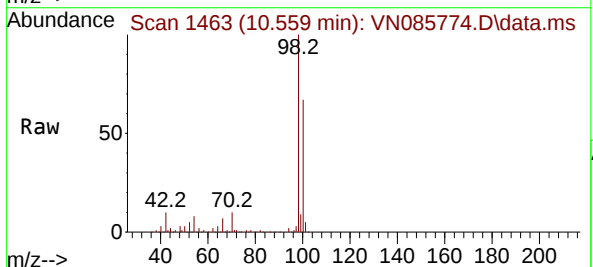
Acq: 18 Feb 2025 11:56

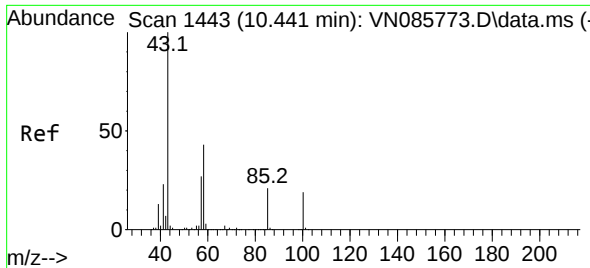
Tgt Ion: 98 Resp: 236331

Ion Ratio Lower Upper

98 100

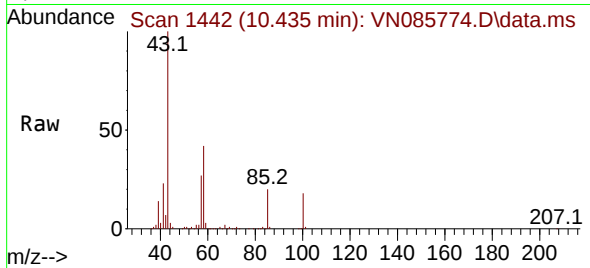
100 65.8 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 84.861 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

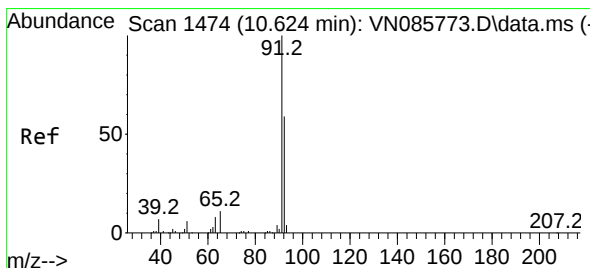
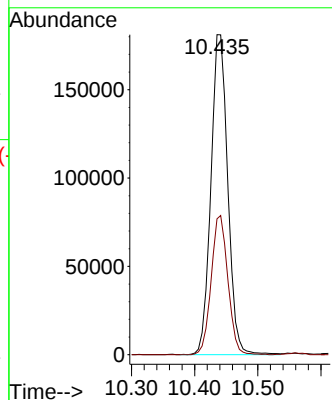
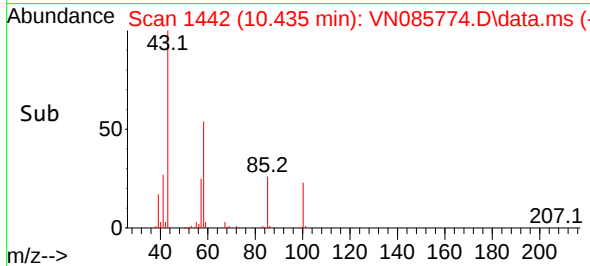
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 336185
Ion Ratio Lower Upper
43 100
58 43.0 34.6 52.0

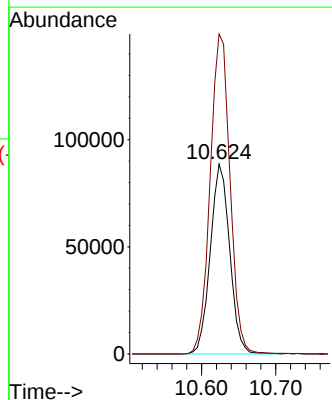
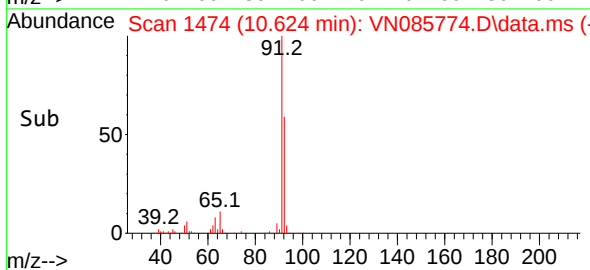
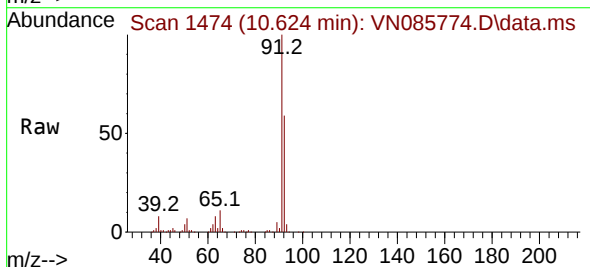
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 17.129 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Tgt Ion: 92 Resp: 160684
Ion Ratio Lower Upper
92 100
91 173.1 136.9 205.3





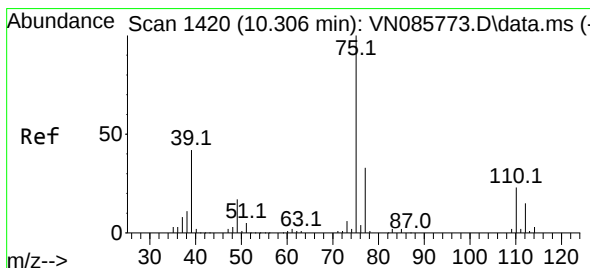
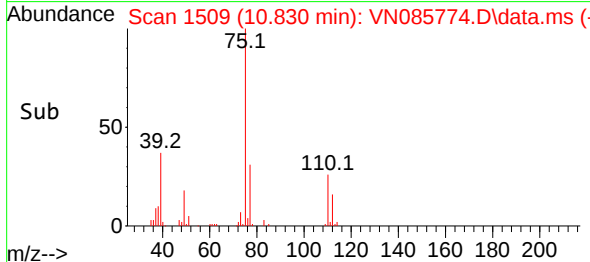
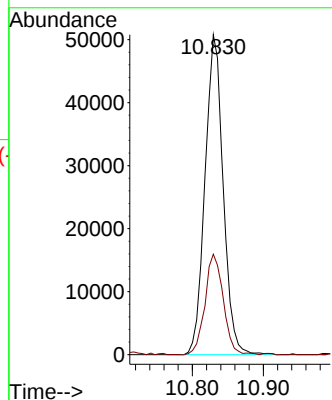
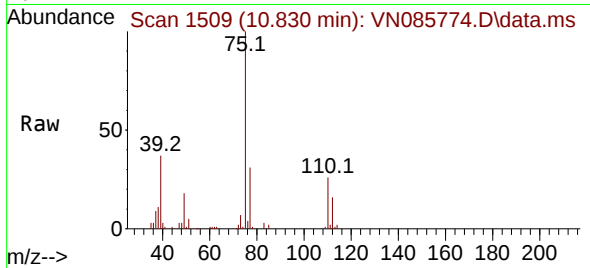
#53
 t-1,3-Dichloropropene
 Concen: 16.772 ug/l
 RT: 10.830 min Scan# 1509
 Delta R.T. 0.001 min
 Lab File: VN085774.D
 Acq: 18 Feb 2025 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 90408
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0

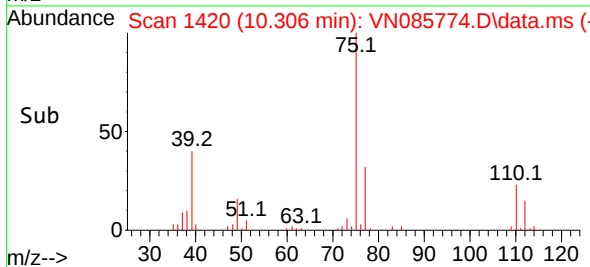
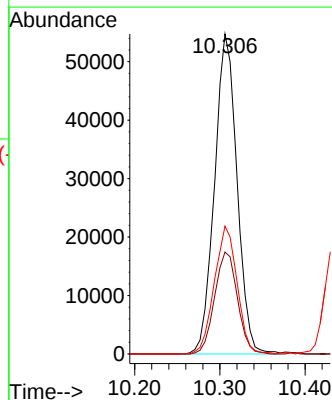
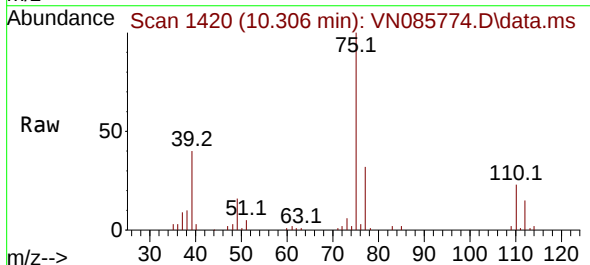
Manual Integrations
 APPROVED

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



#54
 cis-1,3-Dichloropropene
 Concen: 16.955 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN085774.D
 Acq: 18 Feb 2025 11:56

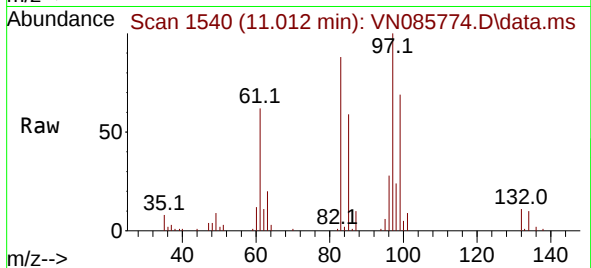
Tgt Ion: 75 Resp: 100220
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.1 39.1
 39 40.0 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 16.127 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

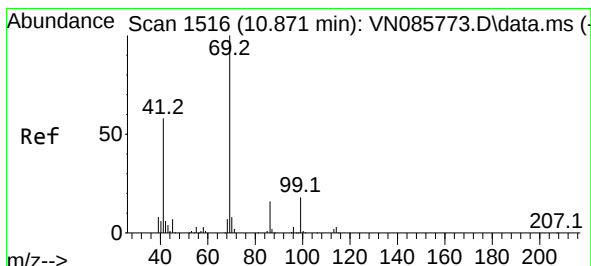
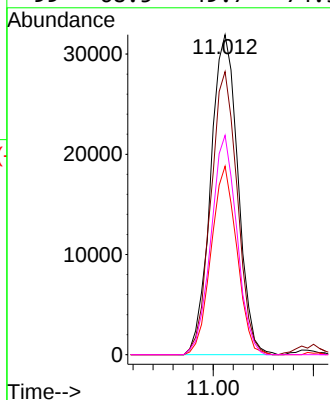
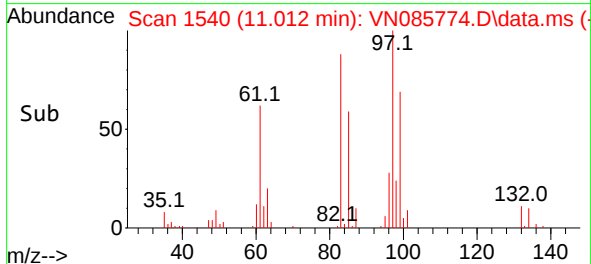
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



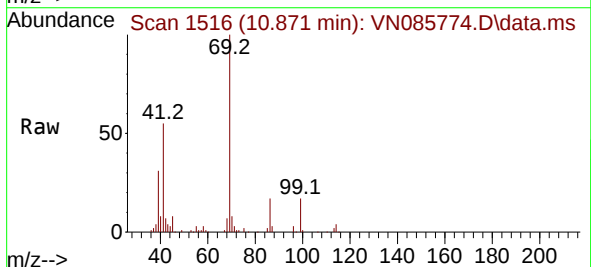
Tgt Ion:	97	Resp:	6015
Ion Ratio	100	Lower	Upper
97	100		
83	88.5	66.1	99.1
85	58.9	44.7	67.1
99	68.5	49.7	74.5

Manual Integrations
APPROVED

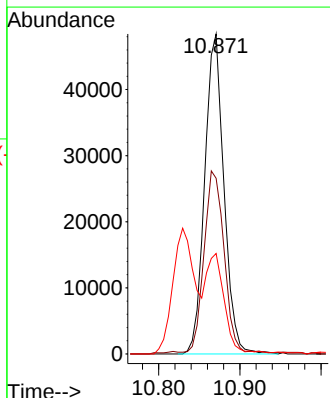
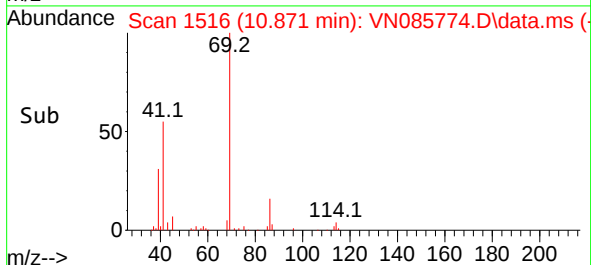
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

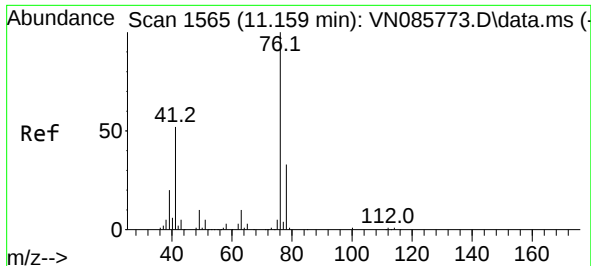


#56
Ethyl methacrylate
Concen: 16.395 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56



Tgt Ion:	69	Resp:	79645
Ion Ratio	100	Lower	Upper
69	100		
41	58.3	46.0	69.0
39	29.0	22.0	33.0





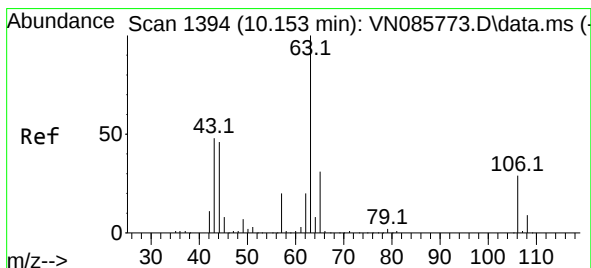
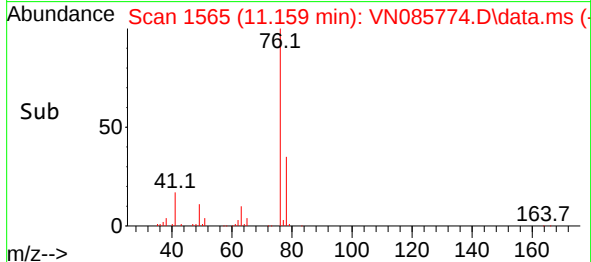
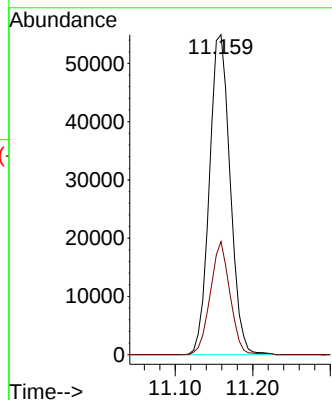
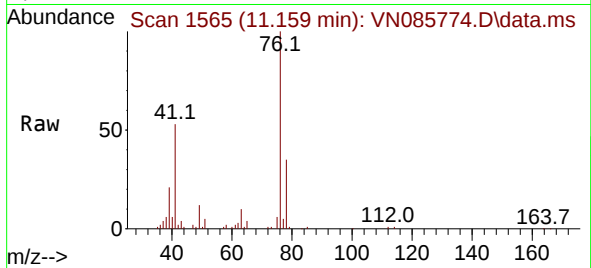
#57
1,3-Dichloropropane
Concen: 16.409 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 10216
Ion Ratio Lower Upper
76 100
78 33.6 25.9 38.9

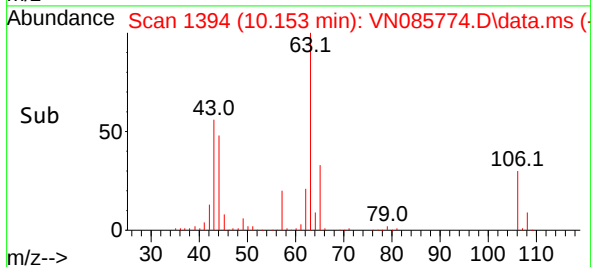
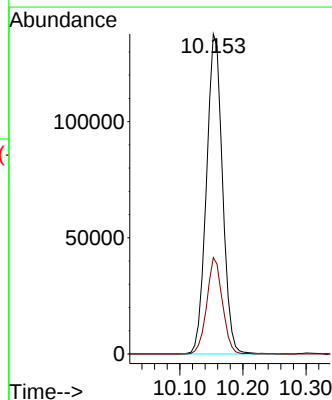
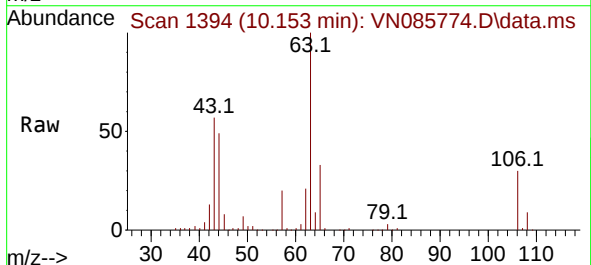
Manual Integrations
APPROVED

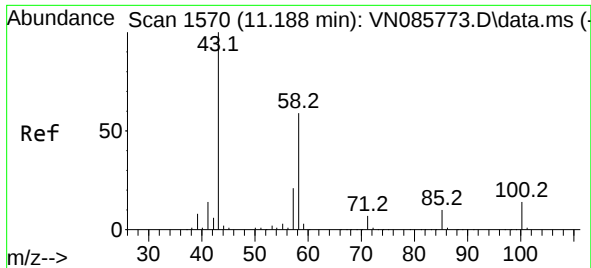
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 133.698 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Tgt Ion: 63 Resp: 242456
Ion Ratio Lower Upper
63 100
106 29.3 22.7 34.1





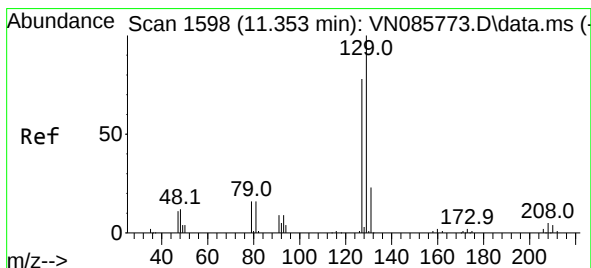
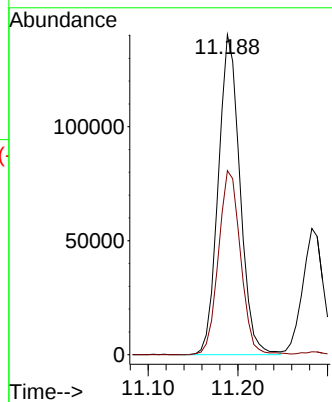
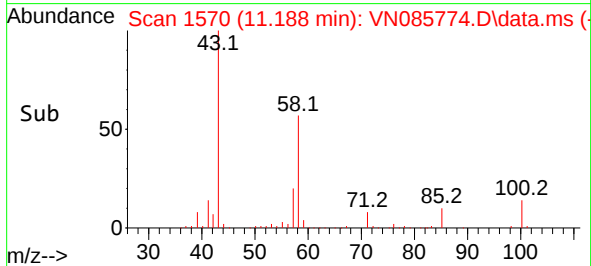
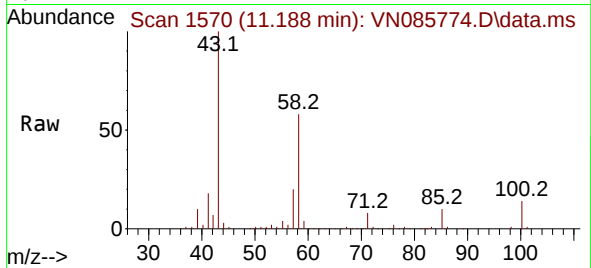
#59
2-Hexanone
Concen: 86.298 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 23519
Ion Ratio Lower Upper
43 100
58 58.7 29.8 89.5

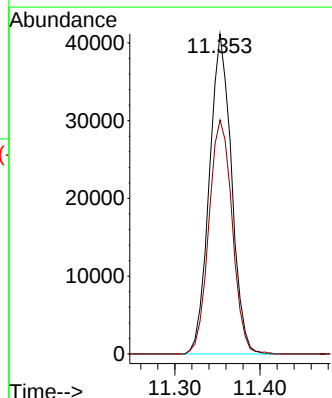
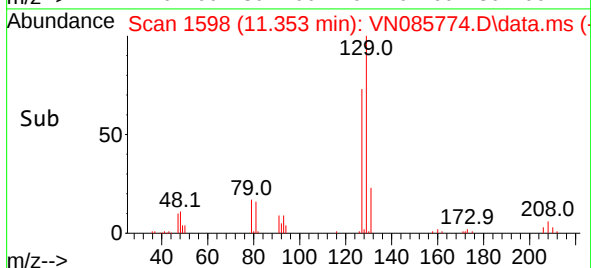
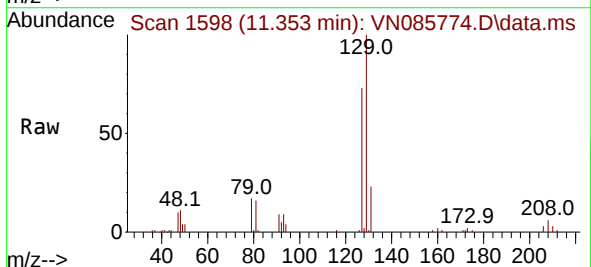
Manual Integrations
APPROVED

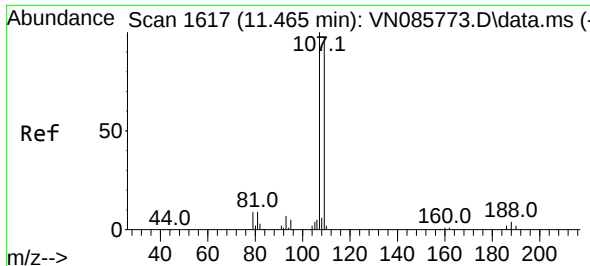
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#60
Dibromochloromethane
Concen: 17.080 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Tgt Ion:129 Resp: 74180
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.5





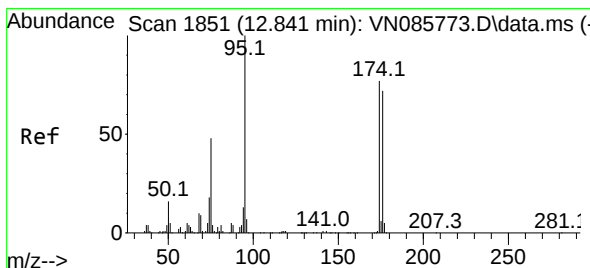
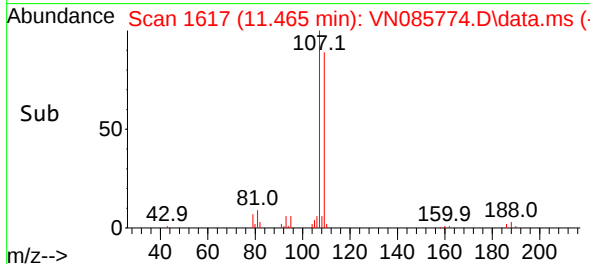
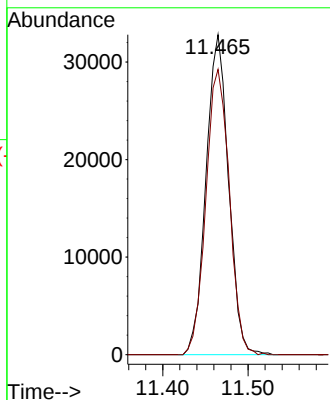
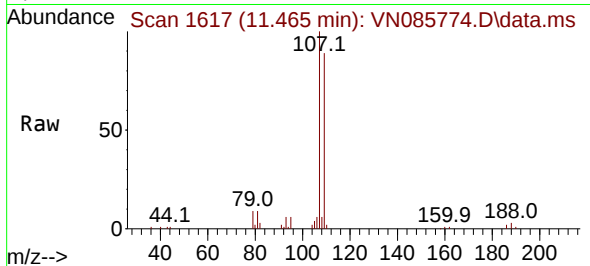
#61
1,2-Dibromoethane
Concen: 17.111 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 60298
Ion Ratio Lower Upper
107 100
109 92.6 76.0 114.0

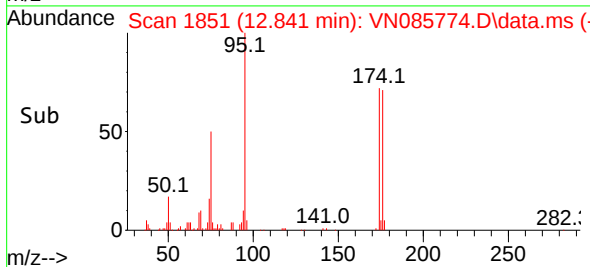
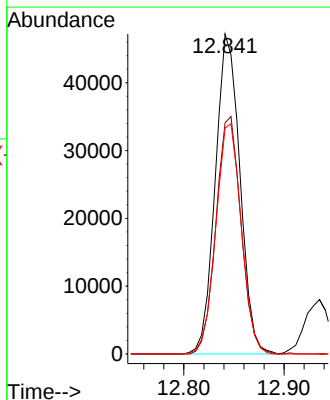
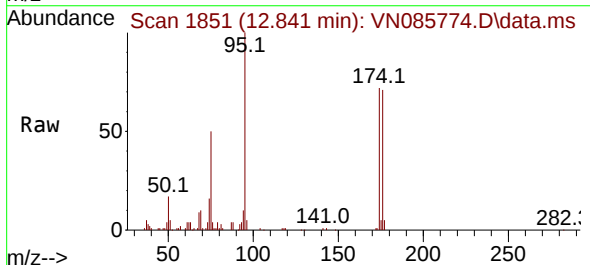
Manual Integrations
APPROVED

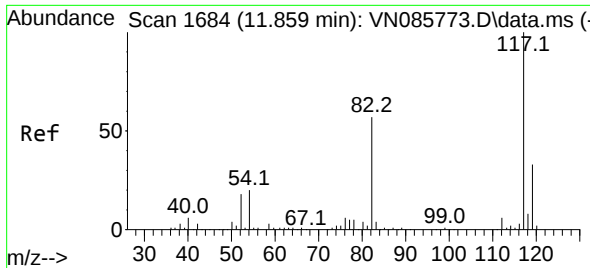
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#62
4-Bromofluorobenzene
Concen: 19.037 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

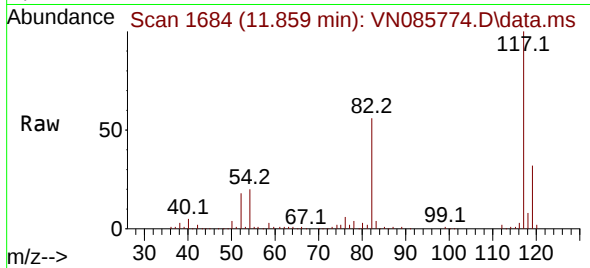
Tgt Ion: 95 Resp: 80509
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.4
176 74.3 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

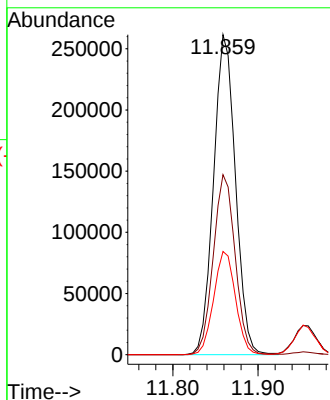
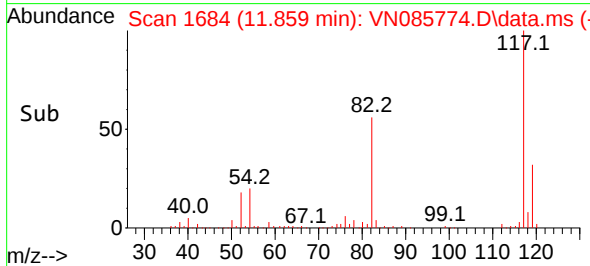
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



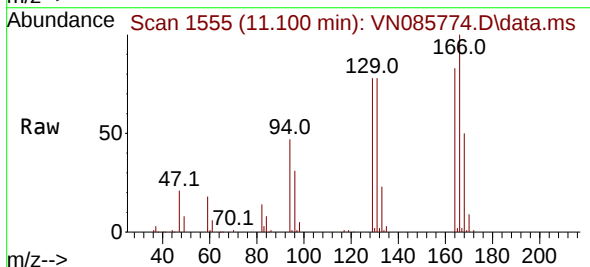
Tgt Ion:117 Resp: 467828
Ion Ratio Lower Upper
117 100
82 56.3 45.7 68.5
119 32.3 26.2 39.2

Manual Integrations
APPROVED

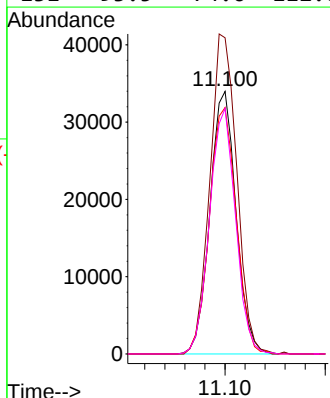
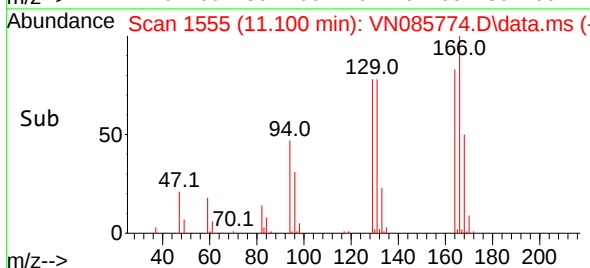
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

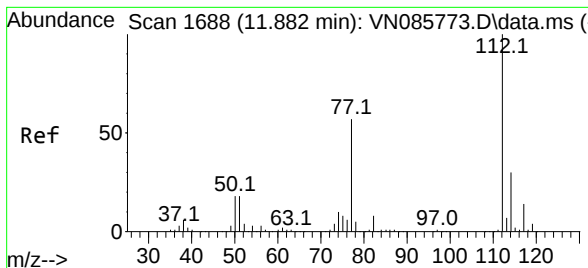


#64
Tetrachloroethene
Concen: 16.906 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56



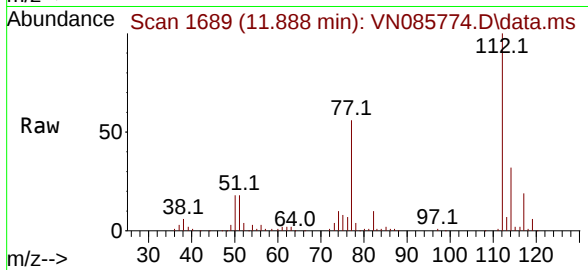
Tgt Ion:164 Resp: 61272
Ion Ratio Lower Upper
164 100
166 120.4 107.2 160.8
129 93.9 80.7 121.1
131 93.5 74.6 112.0





#65
Chlorobenzene
Concen: 16.421 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

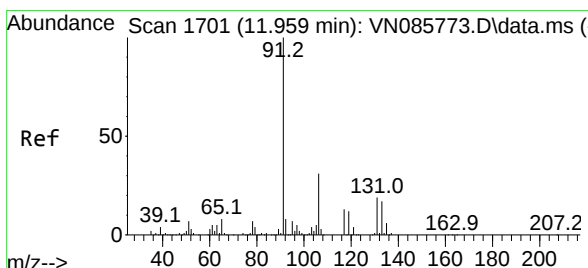
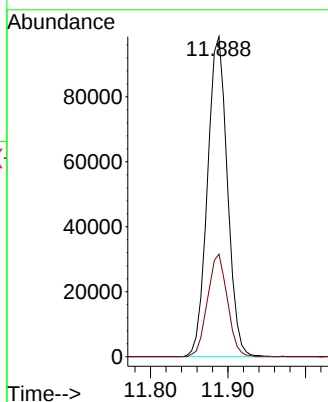
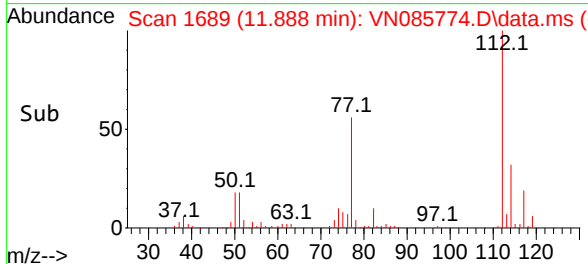
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



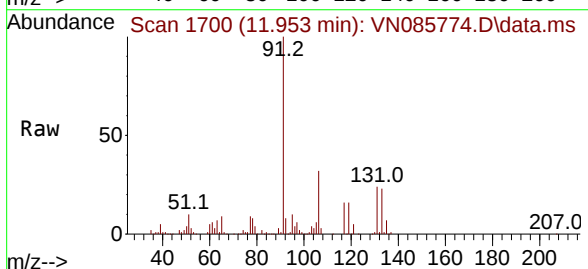
Tgt Ion:112 Resp: 17598
Ion Ratio Lower Upper
112 100
114 32.1 24.3 36.5

Manual Integrations
APPROVED

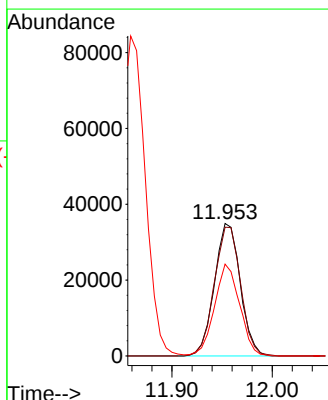
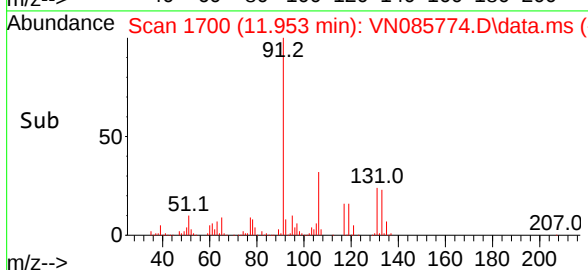
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 16.194 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56



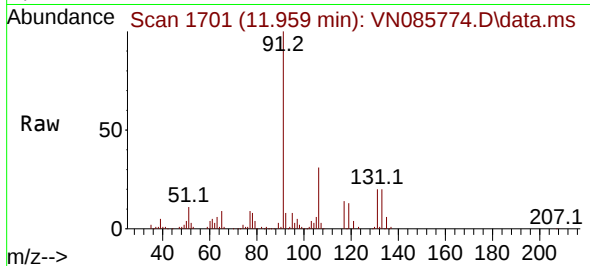
Tgt Ion:131 Resp: 62381
Ion Ratio Lower Upper
131 100
133 99.3 47.7 143.1
119 67.6 33.3 99.8





#67
Ethyl Benzene
Concen: 16.843 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

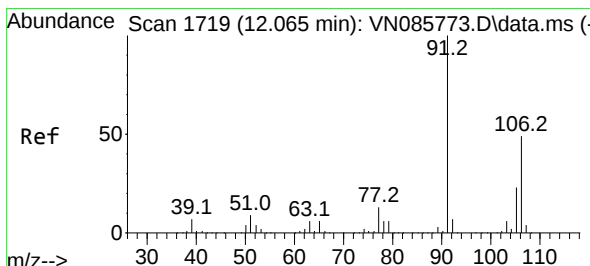
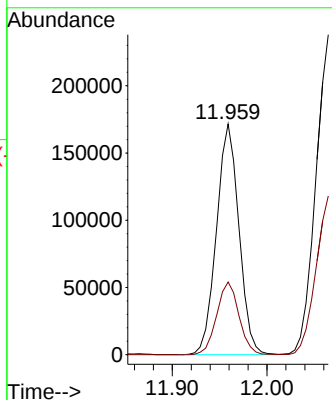
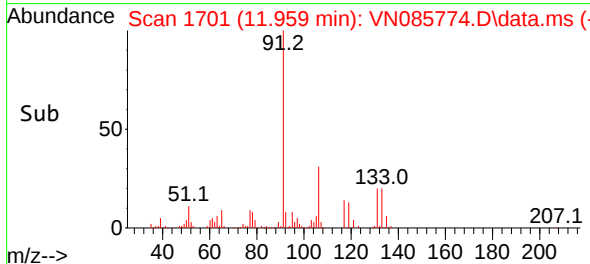
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



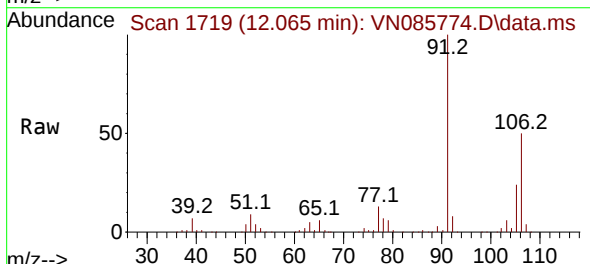
Tgt Ion: 91 Resp: 282760
Ion Ratio Lower Upper
91 100
106 31.5 24.7 37.1

Manual Integrations
APPROVED

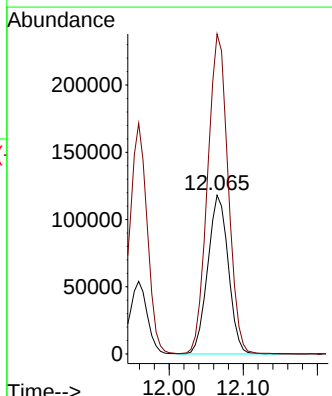
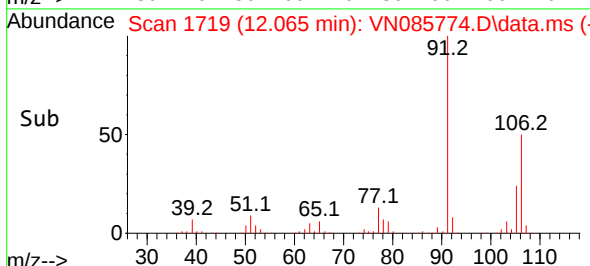
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

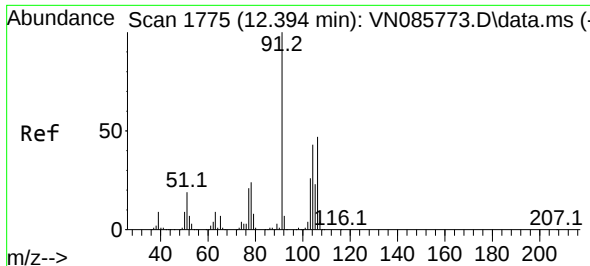


#68
m/p-Xylenes
Concen: 35.677 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56



Tgt Ion:106 Resp: 227511
Ion Ratio Lower Upper
106 100
91 200.9 163.3 244.9





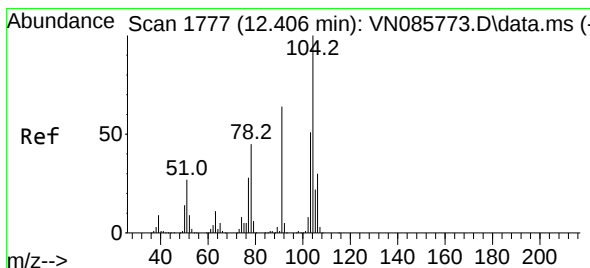
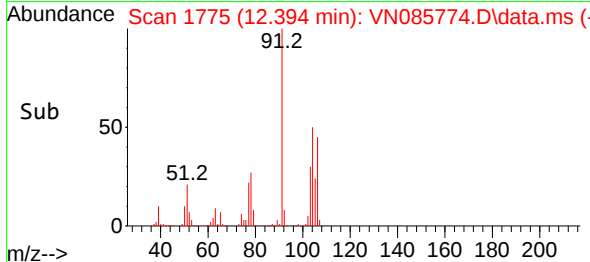
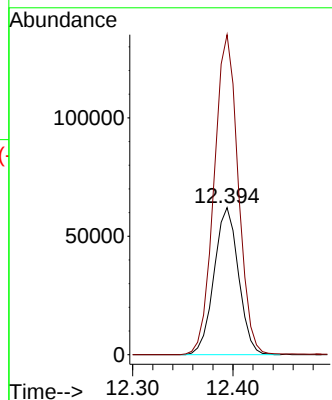
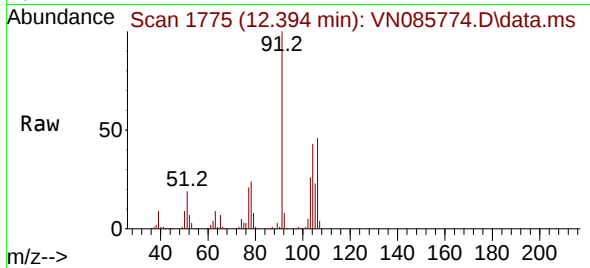
#69
o-Xylene
Concen: 17.335 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 10504
Ion Ratio Lower Upper
106 100
91 214.8 107.1 321.4

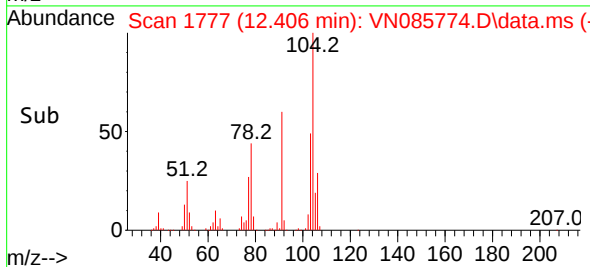
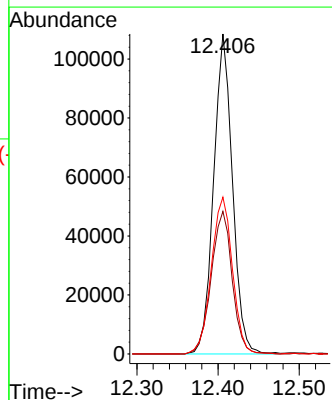
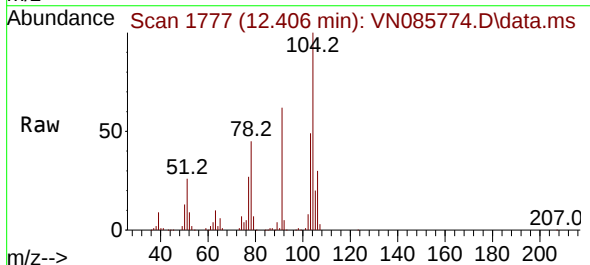
Manual Integrations
APPROVED

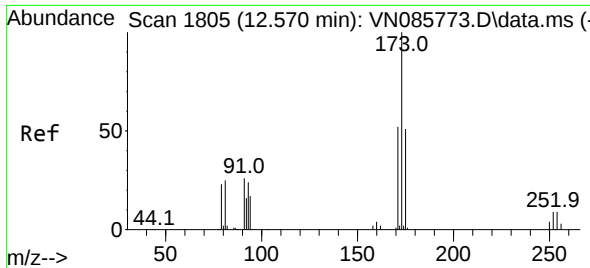
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#70
Styrene
Concen: 16.953 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

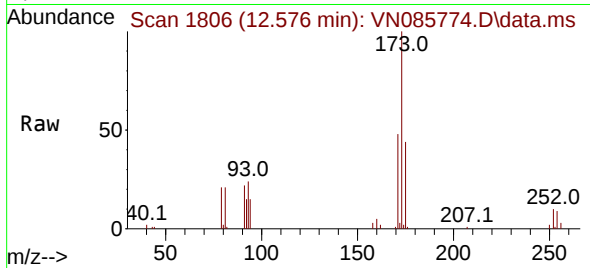
Tgt Ion:104 Resp: 175057
Ion Ratio Lower Upper
104 100
78 49.6 39.0 58.6
103 55.0 43.3 64.9





#71
Bromoform
Concen: 16.740 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

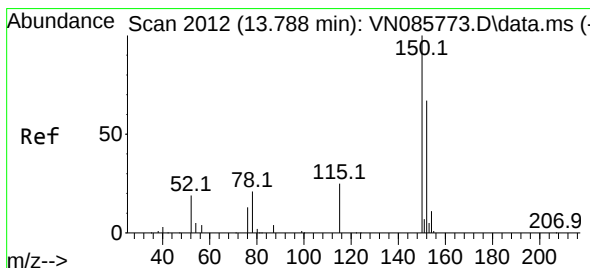
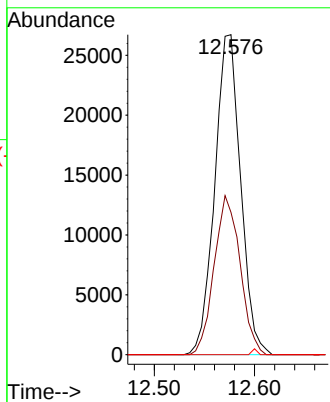
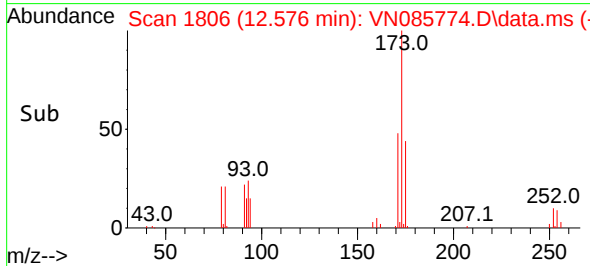
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



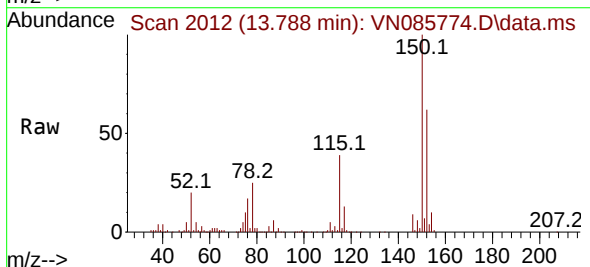
Tgt Ion:173 Resp: 47915
Ion Ratio Lower Upper
173 100
175 49.8 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

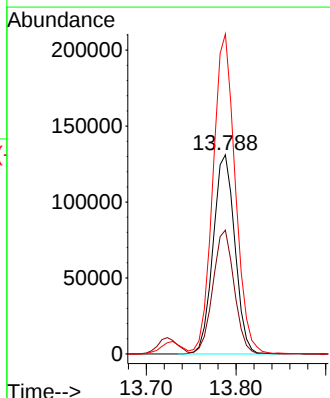
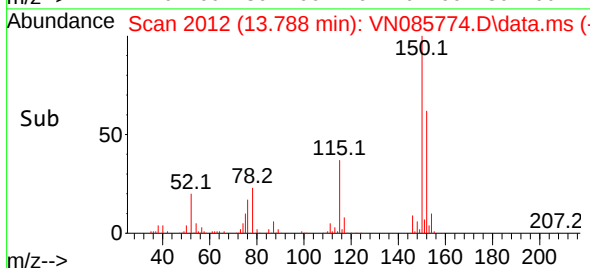
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

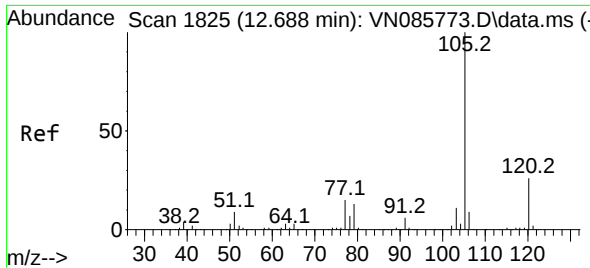


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56



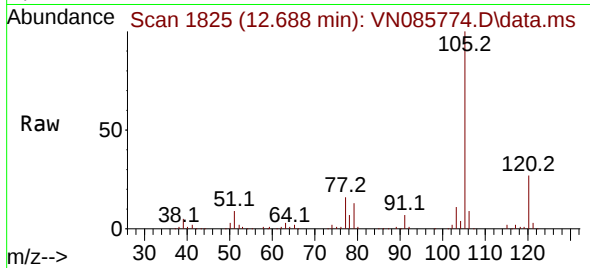
Tgt Ion:152 Resp: 220205
Ion Ratio Lower Upper
152 100
115 61.3 30.4 91.3
150 164.6 0.0 345.4





#73
Isopropylbenzene
Concen: 17.320 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

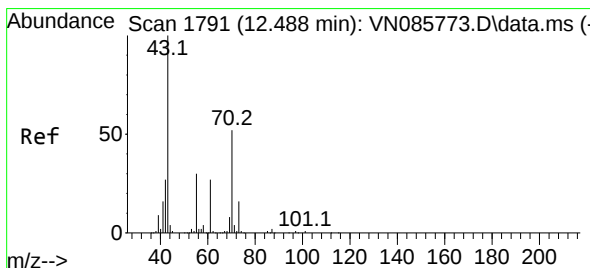
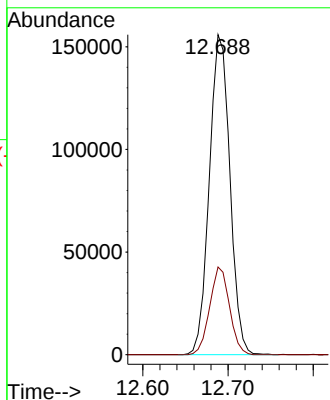
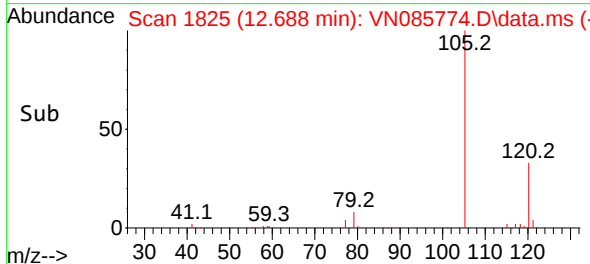
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



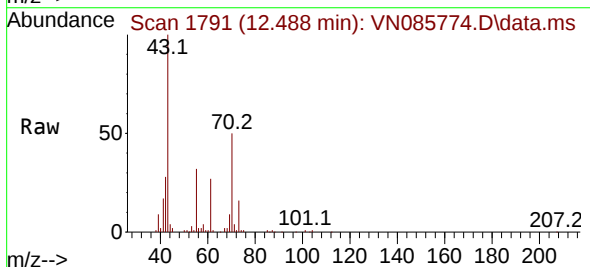
Tgt Ion:105 Resp: 261285
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0

Manual Integrations
APPROVED

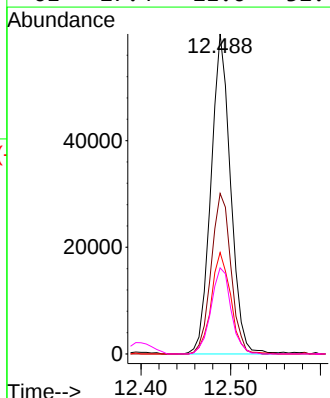
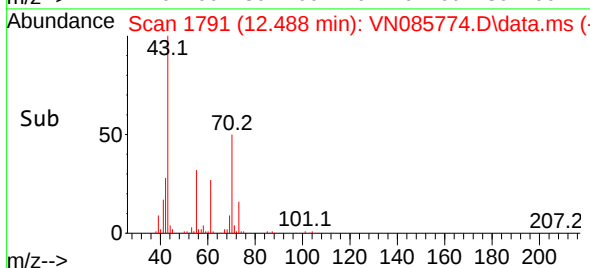
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

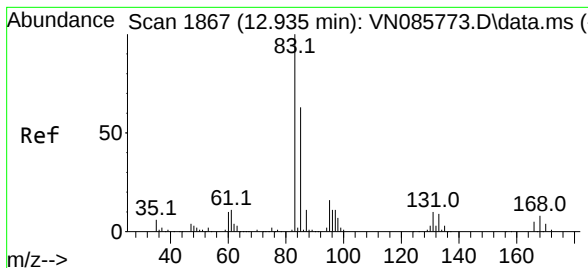


#74
N-ethyl acetate
Concen: 17.120 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56



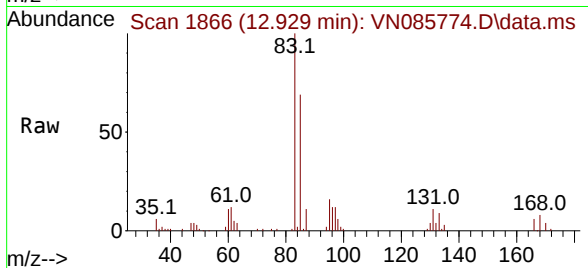
Tgt Ion: 43 Resp: 91076
Ion Ratio Lower Upper
43 100
70 50.4 41.0 61.4
55 31.6 24.6 36.8
61 27.4 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 15.678 ug/l
RT: 12.929 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

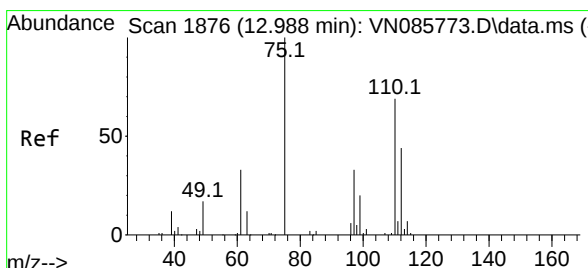
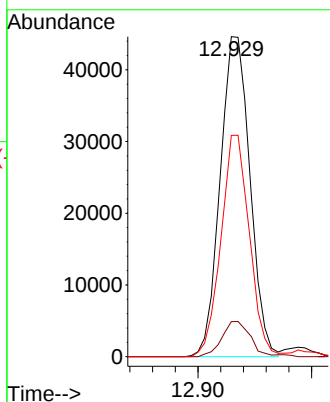
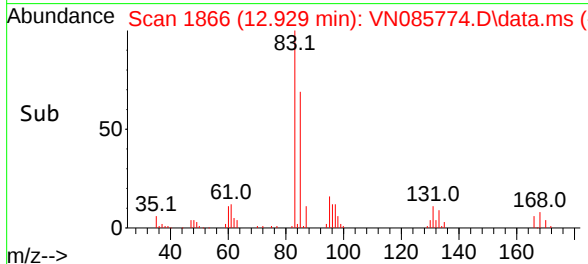
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 81388
Ion Ratio Lower Upper
83 100
131 10.7 5.0 15.0
85 66.2 32.2 96.6

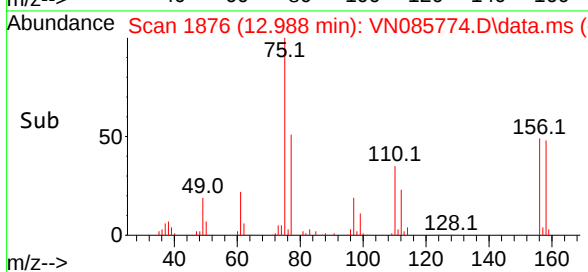
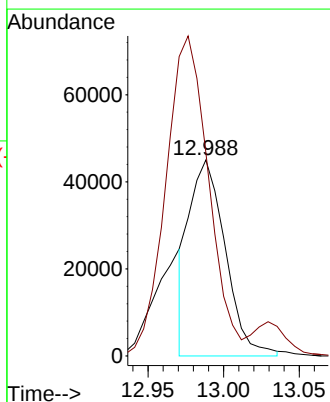
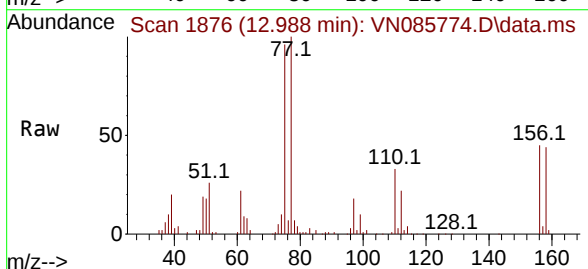
Manual Integrations
APPROVED

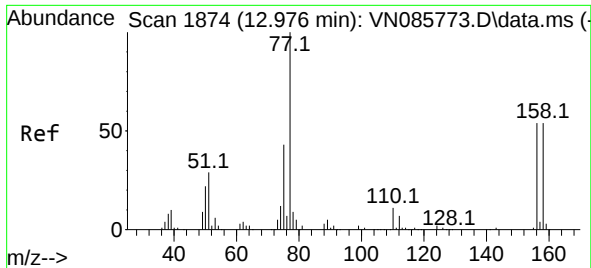
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#76
1,2,3-Trichloropropane
Concen: 15.234 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

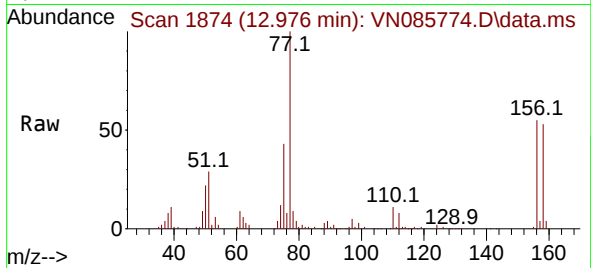
Tgt Ion: 75 Resp: 74515
Ion Ratio Lower Upper
75 100
77 194.1 100.0 300.0





#77
Bromobenzene
Concen: 16.806 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

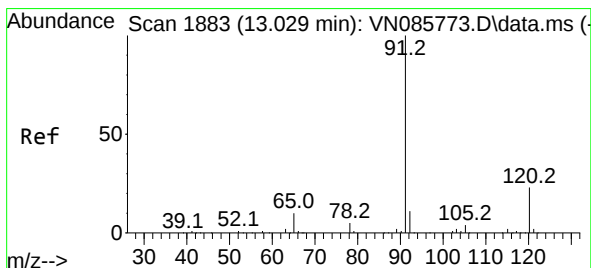
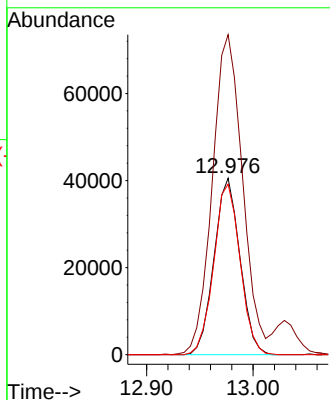
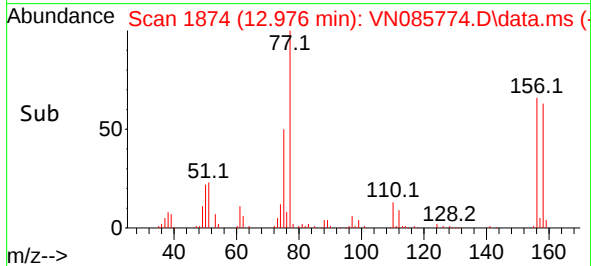
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



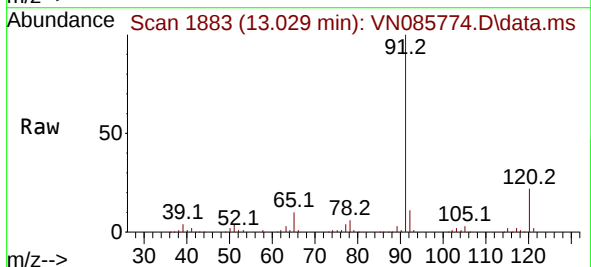
Tgt Ion:156 Resp: 6849
Ion Ratio Lower Upper
156 100
77 211.1 104.1 312.3
158 98.1 48.1 144.4

Manual Integrations
APPROVED

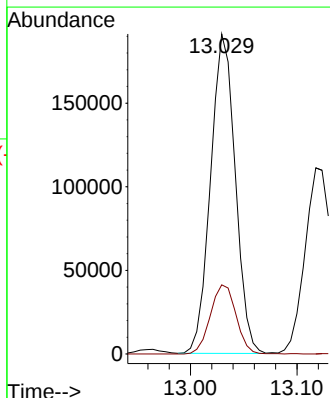
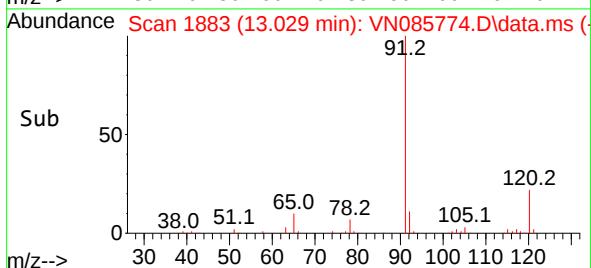
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

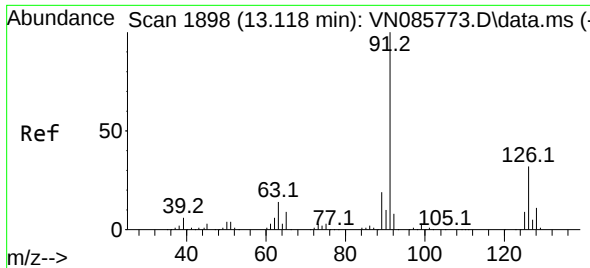


#78
n-propylbenzene
Concen: 17.787 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56



Tgt Ion: 91 Resp: 307304
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





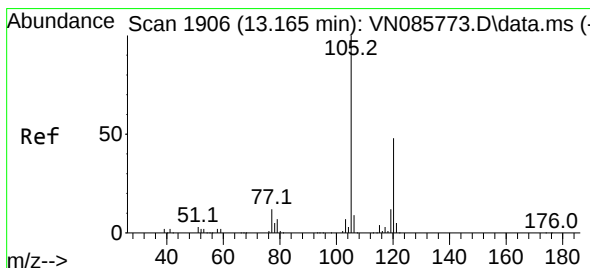
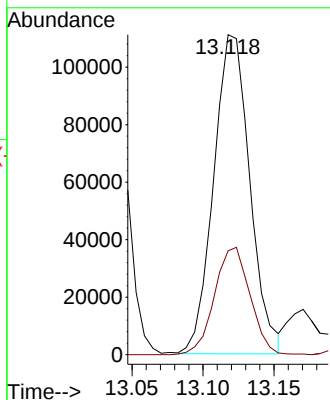
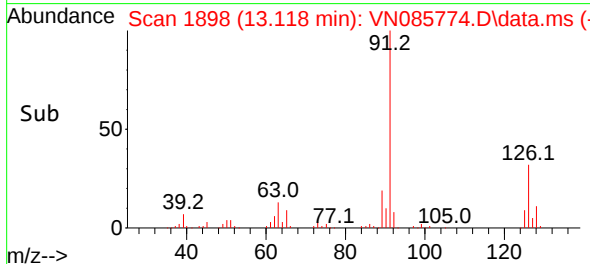
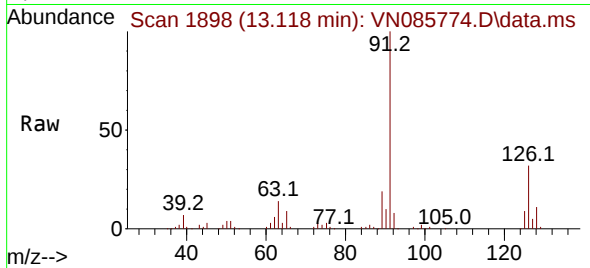
#79
2-Chlorotoluene
Concen: 17.071 ug/l
RT: 13.118 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 197060
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.1

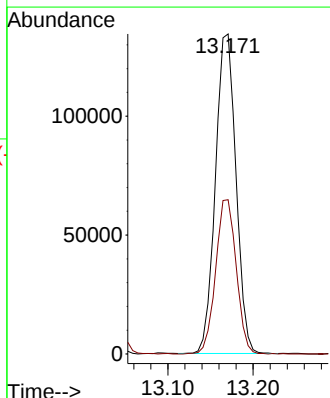
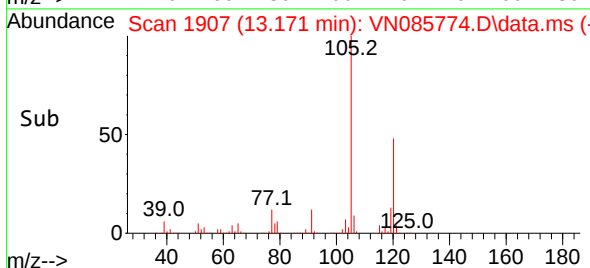
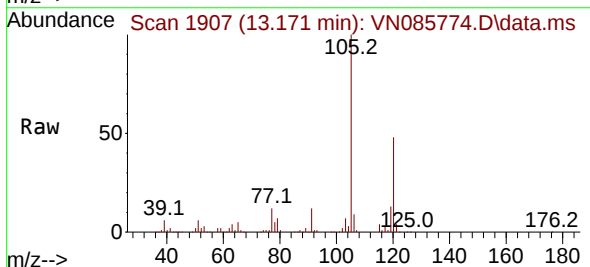
Manual Integrations
APPROVED

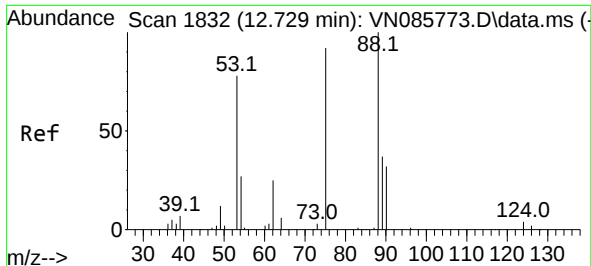
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.327 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Tgt Ion:105 Resp: 225224
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.9





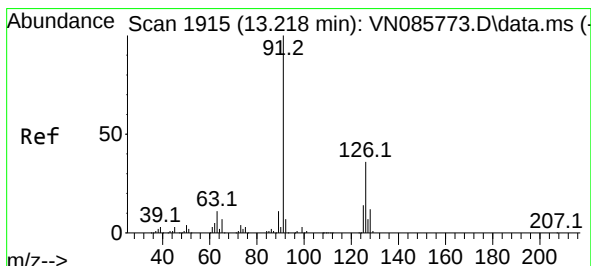
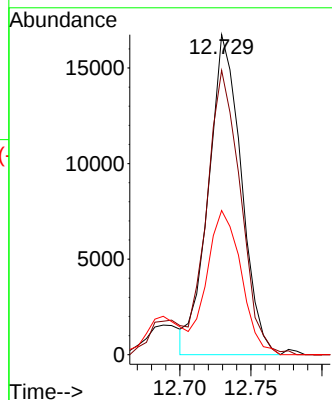
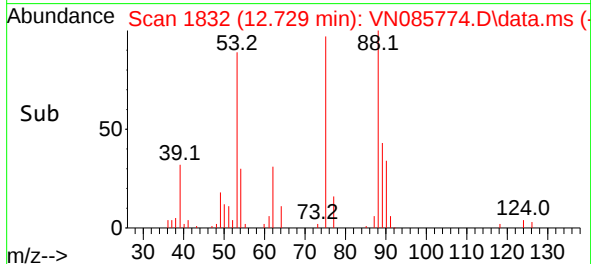
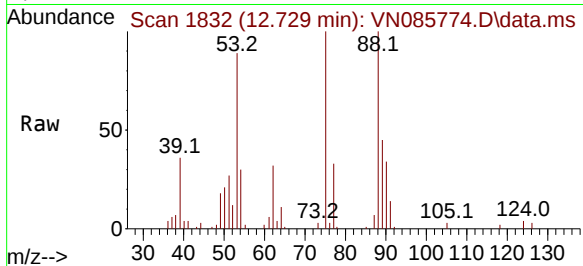
#81
trans-1,4-Dichloro-2-butene
Concen: 16.043 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 26890
Ion Ratio Lower Upper
75 100
53 90.0 74.2 111.4
89 46.9 34.9 52.3

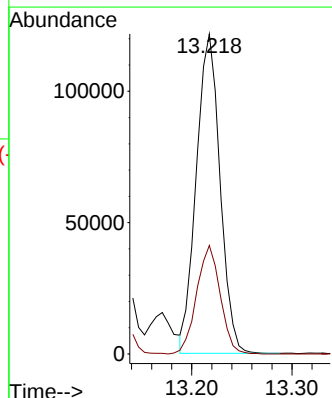
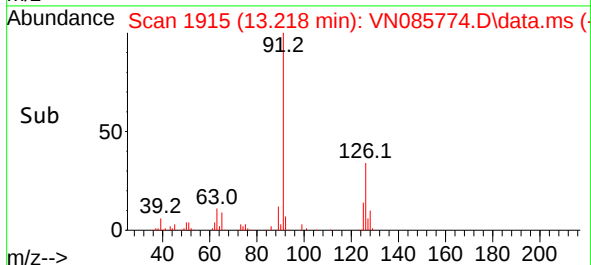
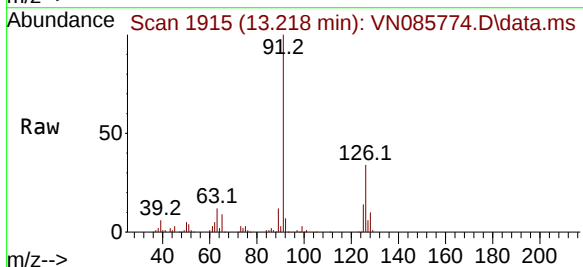
Manual Integrations
APPROVED

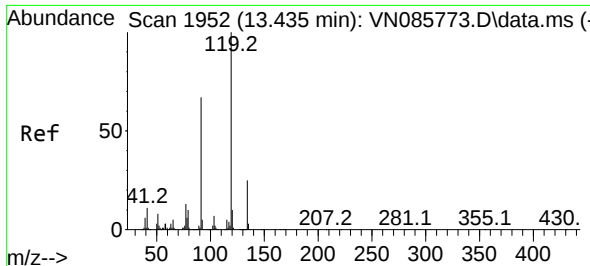
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#82
4-Chlorotoluene
Concen: 17.479 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

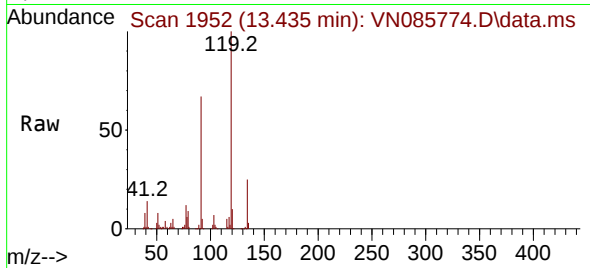
Tgt Ion: 91 Resp: 200026
Ion Ratio Lower Upper
91 100
126 33.7 16.4 49.4





#83
tert-Butylbenzene
Concen: 17.945 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

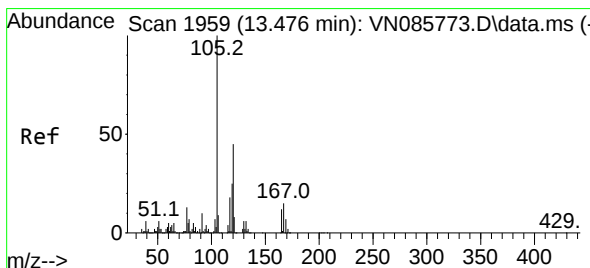
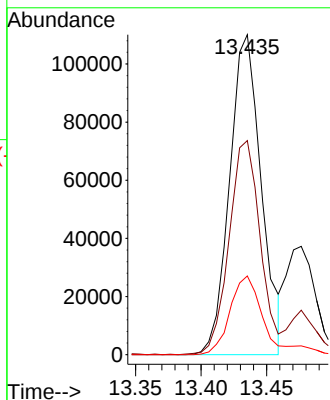
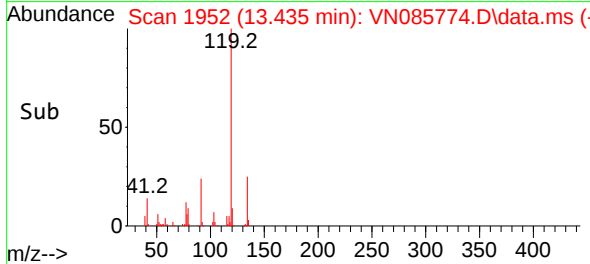
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



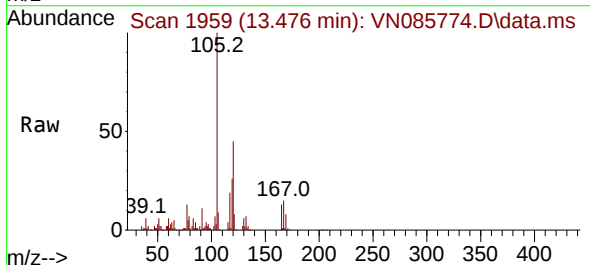
Tgt Ion:119 Resp: 18544
Ion Ratio Lower Upper
119 100
91 65.6 32.5 97.5
134 26.3 13.3 39.9

Manual Integrations
APPROVED

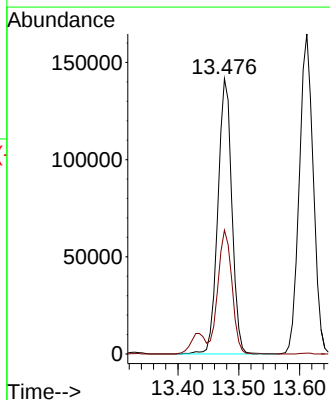
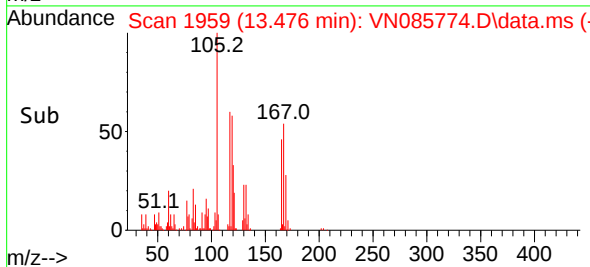
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#84
1,2,4-Trimethylbenzene
Concen: 18.540 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56



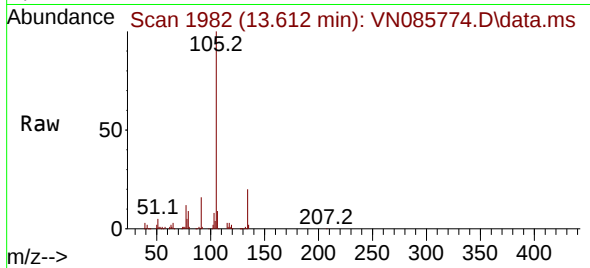
Tgt Ion:105 Resp: 225419
Ion Ratio Lower Upper
105 100
120 45.4 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 17.942 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085774.D
 Acq: 18 Feb 2025 11:56

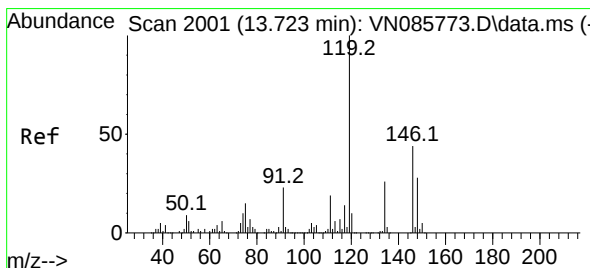
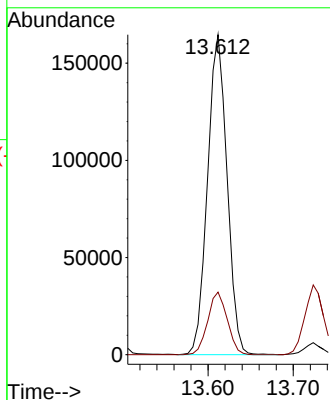
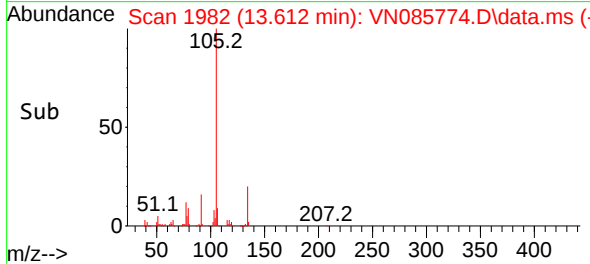
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



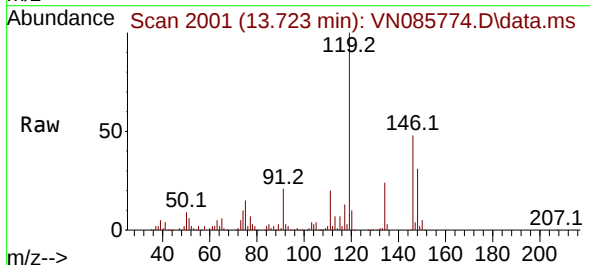
Tgt Ion:105 Resp: 26197
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations
 APPROVED

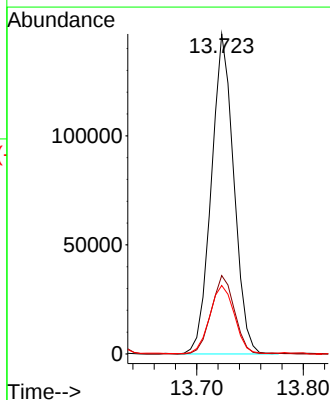
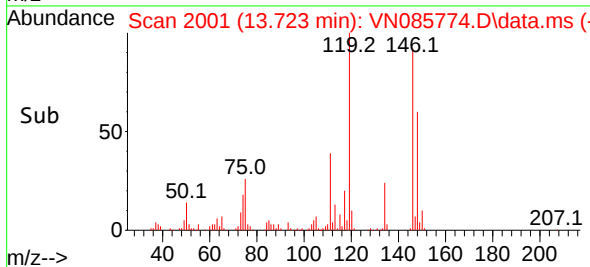
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025

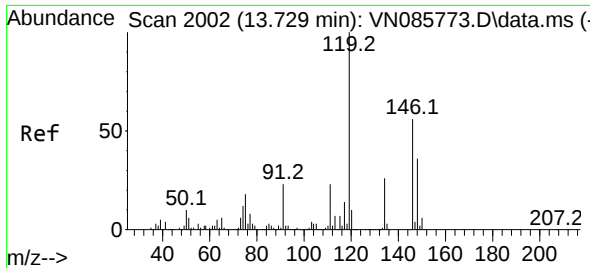


#86
 p-Isopropyltoluene
 Concen: 17.383 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085774.D
 Acq: 18 Feb 2025 11:56



Tgt Ion:119 Resp: 215295
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 23.2 11.7 35.1





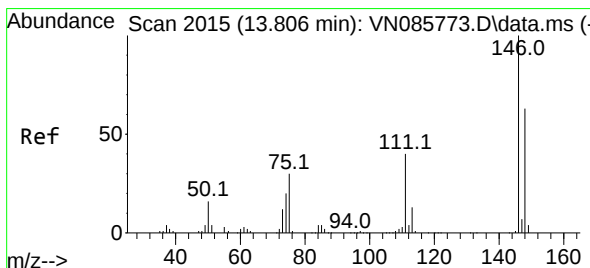
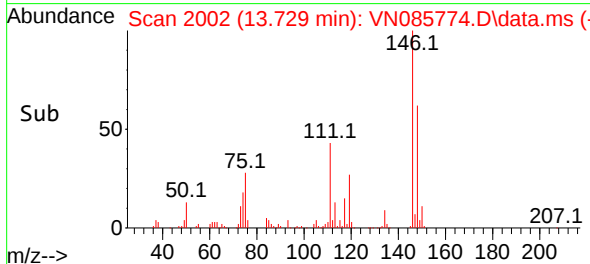
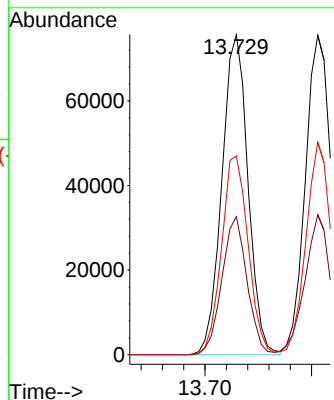
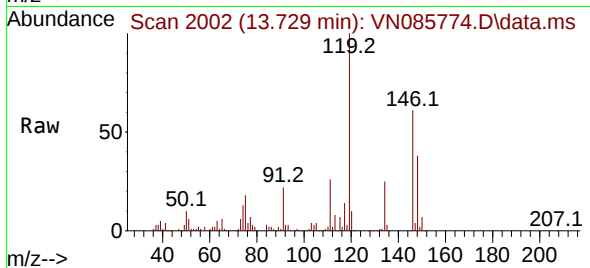
#87
 1,3-Dichlorobenzene
 Concen: 16.836 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085774.D
 Acq: 18 Feb 2025 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:146 Resp: 12856
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.1 63.3
 148 63.2 32.1 96.5

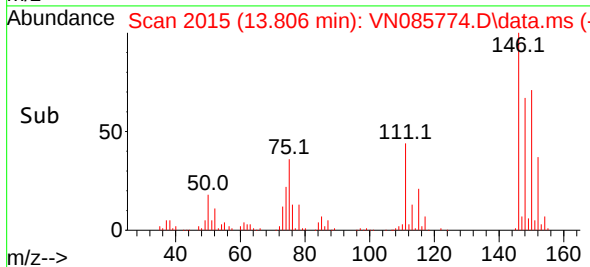
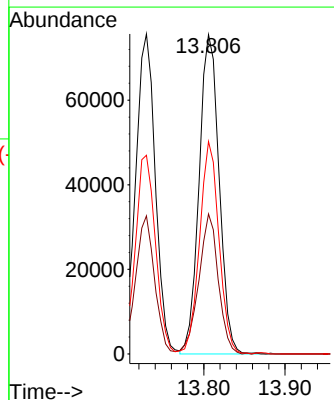
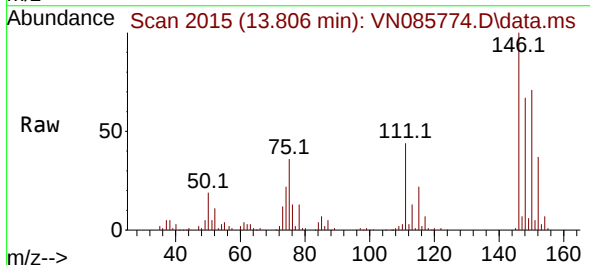
Manual Integrations
 APPROVED

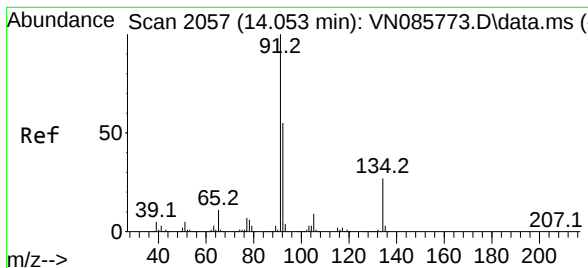
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#88
 1,4-Dichlorobenzene
 Concen: 16.519 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. 0.000 min
 Lab File: VN085774.D
 Acq: 18 Feb 2025 11:56

Tgt Ion:146 Resp: 129289
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.4 61.3
 148 64.4 31.8 95.4





#89

n-Butylbenzene

Concen: 17.069 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN085774.D

Acq: 18 Feb 2025 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 176940

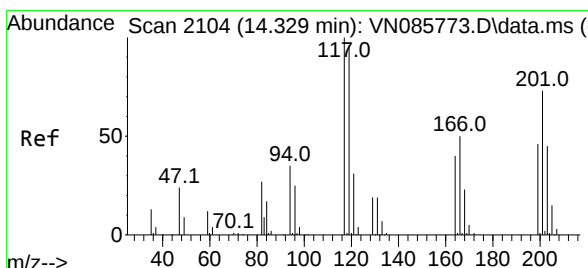
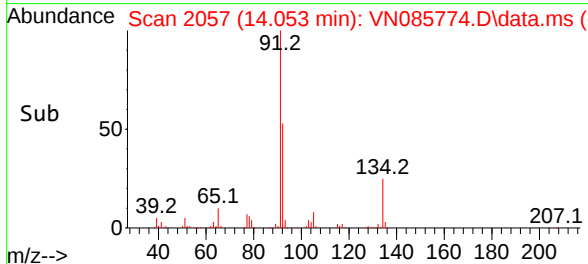
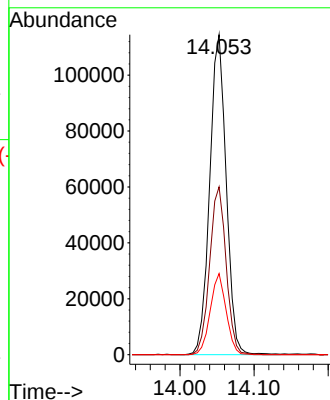
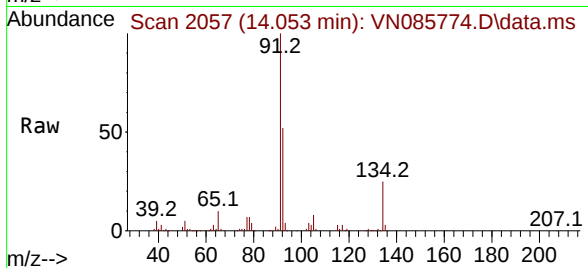
Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.1	81.3
134	24.4	12.7	38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#90

Hexachloroethane

Concen: 16.071 ug/l

RT: 14.329 min Scan# 2104

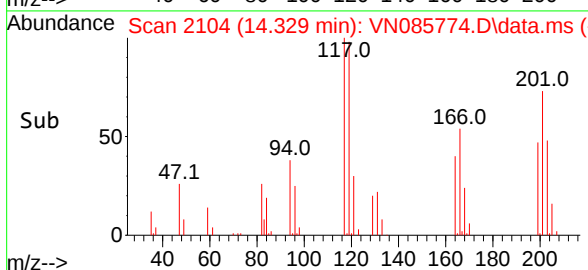
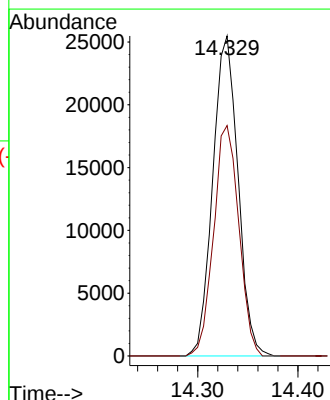
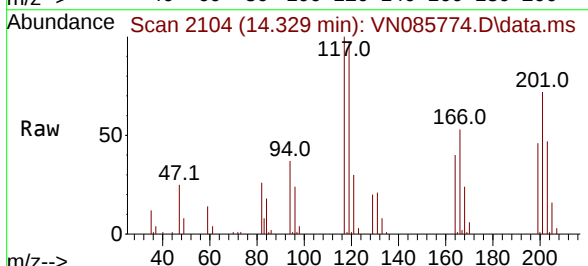
Delta R.T. 0.000 min

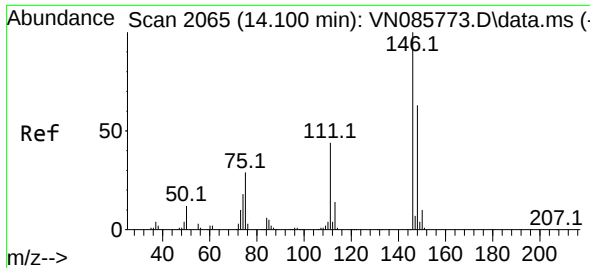
Lab File: VN085774.D

Acq: 18 Feb 2025 11:56

Tgt Ion:117 Resp: 44440

Ion	Ratio	Lower	Upper
117	100		
201	71.9	35.6	106.9





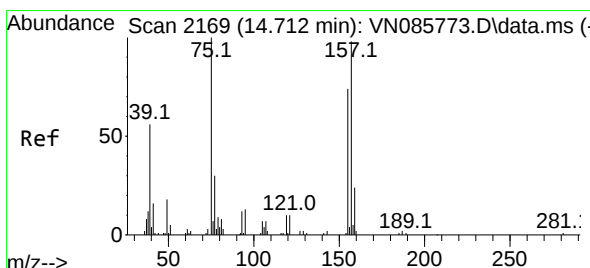
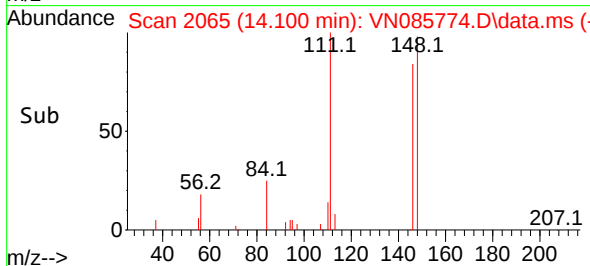
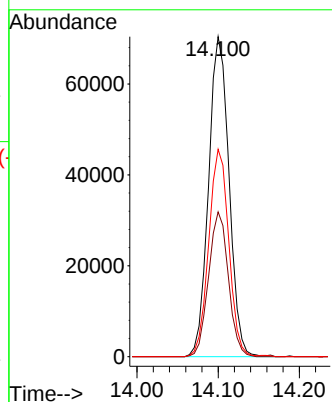
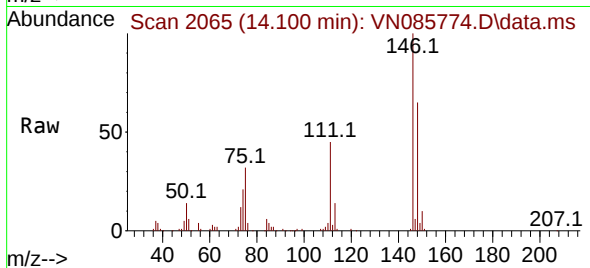
#91
1,2-Dichlorobenzene
Concen: 16.777 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 12319
Ion Ratio Lower Upper
146 100
111 43.8 21.4 64.3
148 63.4 32.0 96.2

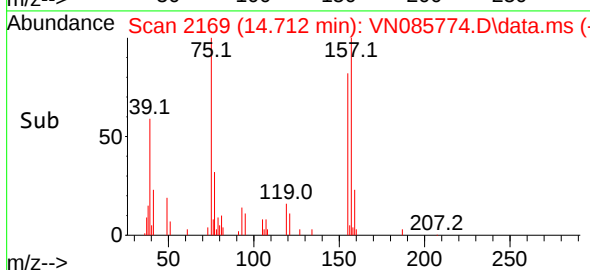
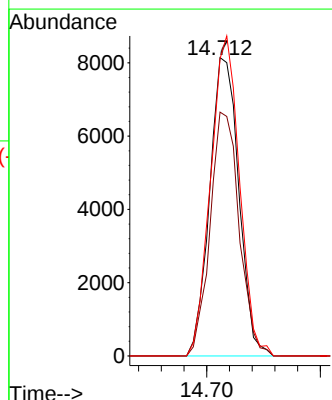
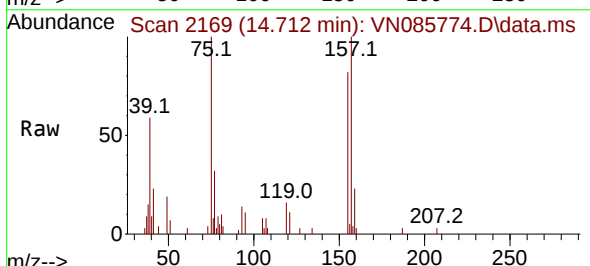
Manual Integrations
APPROVED

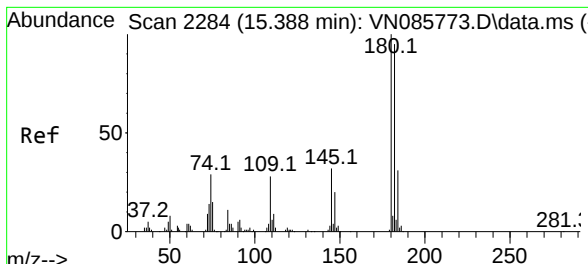
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.233 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

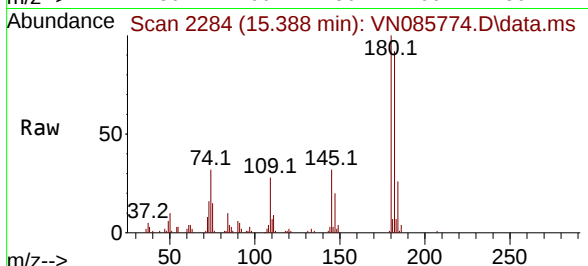
Tgt Ion: 75 Resp: 14521
Ion Ratio Lower Upper
75 100
155 81.3 39.9 119.6
157 106.0 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 17.165 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

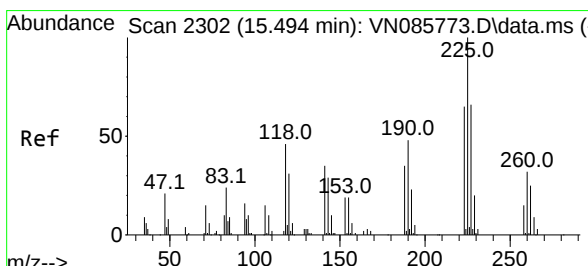
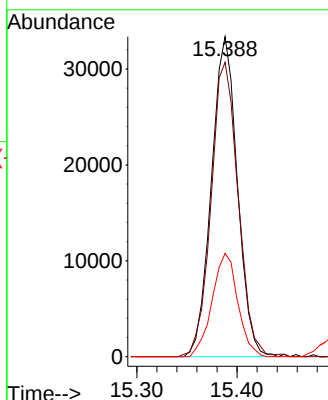
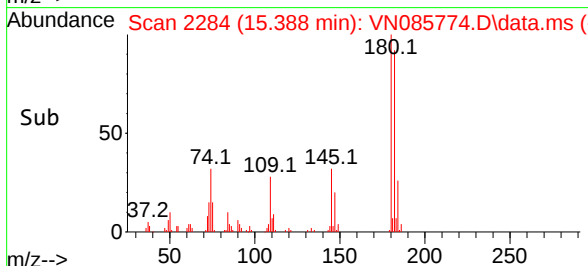
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



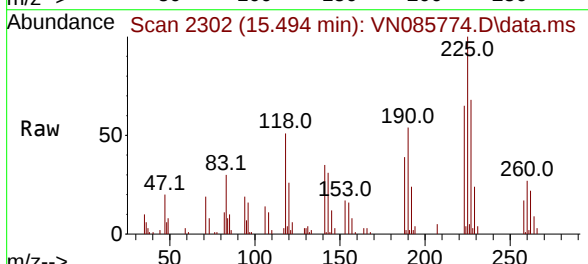
Tgt Ion:180 Resp: 60060
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.9
145 31.9 16.2 48.5

Manual Integrations
APPROVED

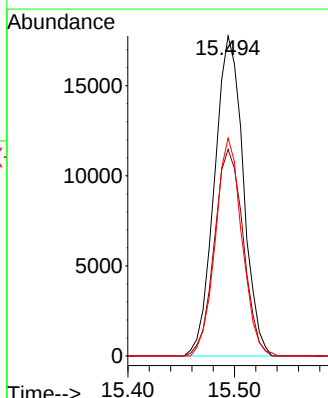
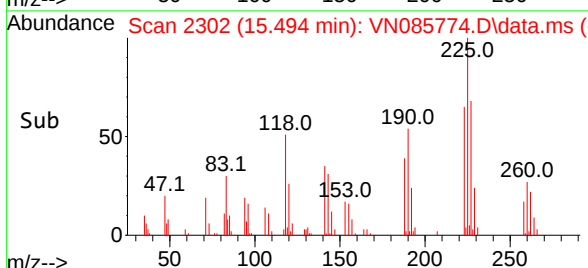
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

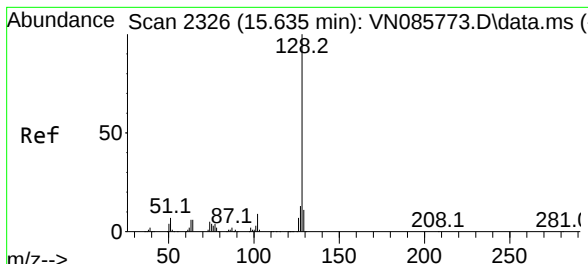


#94
Hexachlorobutadiene
Concen: 15.640 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56



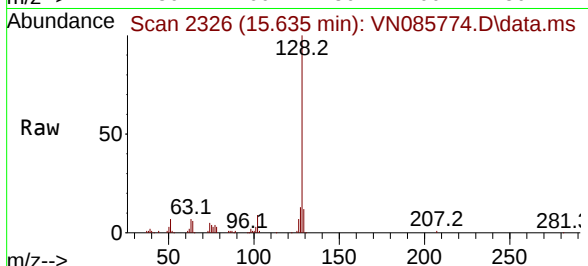
Tgt Ion:225 Resp: 33258
Ion Ratio Lower Upper
225 100
223 64.6 31.9 95.5
227 63.1 32.2 96.6





#95
Naphthalene
Concen: 16.942 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56

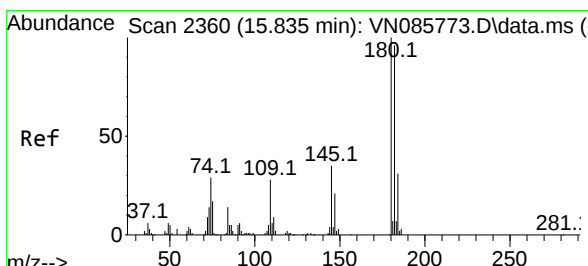
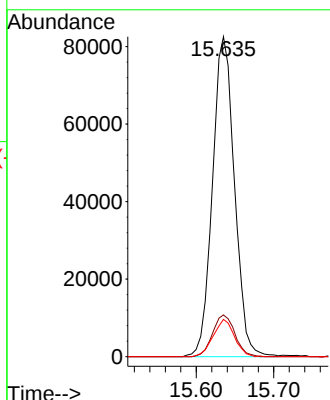
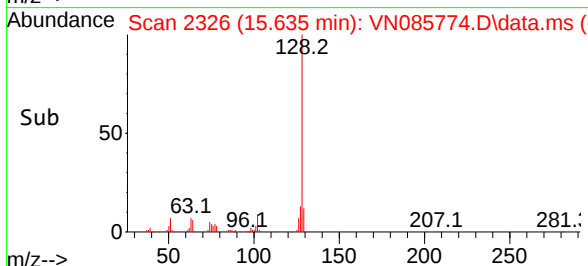
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



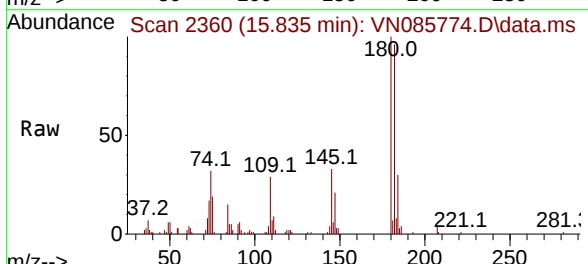
Tgt Ion:128 Resp: 16275
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.3 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 16.780 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085774.D
Acq: 18 Feb 2025 11:56



Tgt Ion:180 Resp: 58944
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.8
145 34.0 16.9 50.6

