

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075786.D
 Acq On : 14 Dec 2022 23:40
 Operator : JC\MD
 Sample : VN1214WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 15 00:30:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	305636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	488157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	437993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	208985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	162266	48.801	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.600%		
35) Dibromofluoromethane	8.171	113	148376	49.081	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.160%		
50) Toluene-d8	10.571	98	558657	49.426	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.860%		
62) 4-Bromofluorobenzene	12.853	95	181428	48.463	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	38690	17.829	ug/l	99
3) Chloromethane	2.377	50	46623	17.277	ug/l	98
4) Vinyl Chloride	2.524	62	56584	17.579	ug/l	95
5) Bromomethane	2.965	94	47346	17.307	ug/l	98
6) Chloroethane	3.130	64	43719	18.341	ug/l	94
7) Trichlorofluoromethane	3.506	101	88370	18.092	ug/l	94
8) Diethyl Ether	3.977	74	33809	18.951	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	51676	18.528	ug/l	96
10) Methyl Iodide	4.606	142	80655	17.819	ug/l	100
11) Tert butyl alcohol	5.536	59	40864	86.854	ug/l #	91
12) 1,1-Dichloroethene	4.359	96	48722	17.986	ug/l	92
13) Acrolein	4.195	56	55239	95.767	ug/l	99
14) Allyl chloride	5.042	41	53957	17.039	ug/l	90
15) Acrylonitrile	5.736	53	119326	92.938	ug/l	97
16) Acetone	4.442	43	90332	78.810	ug/l	96
17) Carbon Disulfide	4.730	76	113493	17.305	ug/l	99
18) Methyl Acetate	5.048	43	62134	18.339	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	167237	18.748	ug/l	97
20) Methylene Chloride	5.295	84	57918	18.486	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	52838	17.811	ug/l	98
22) Diisopropyl ether	6.683	45	146906	19.097	ug/l	99
23) Vinyl Acetate	6.618	43	471734	91.111	ug/l	98
24) 1,1-Dichloroethane	6.583	63	93511	18.227	ug/l	96
25) 2-Butanone	7.489	43	144747	90.191	ug/l	93
26) 2,2-Dichloropropane	7.494	77	72951	16.791	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	66312	18.690	ug/l	98
28) Bromochloromethane	7.818	49	38868	17.286	ug/l	99
29) Tetrahydrofuran	7.847	42	95265	94.721	ug/l	100
30) Chloroform	7.977	83	103486	17.916	ug/l	100
31) Cyclohexane	8.265	56	85069	17.864	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	95517	18.652	ug/l	97
36) 1,1-Dichloropropene	8.377	75	74584	18.572	ug/l	99
37) Ethyl Acetate	7.571	43	59955	18.587	ug/l	99
38) Carbon Tetrachloride	8.365	117	83392	18.554	ug/l	97
39) Methylcyclohexane	9.606	83	93501	19.299	ug/l	96
40) Benzene	8.612	78	231923	18.718	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	32032	19.104	ug/l	98
42) 1,2-Dichloroethane	8.677	62	77549	18.826	ug/l	99
43) Isopropyl Acetate	8.694	43	103460	19.443	ug/l	100
44) Trichloroethene	9.353	130	63802	18.278	ug/l	91
45) 1,2-Dichloropropane	9.624	63	56474	18.730	ug/l	99
46) Dibromomethane	9.712	93	41731	18.661	ug/l	98
47) Bromodichloromethane	9.894	83	83625	19.068	ug/l	98
48) Methyl methacrylate	9.688	41	47754	19.926	ug/l	97
49) 1,4-Dioxane	9.700	88	21104	358.192	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	316206	98.263	ug/l	99
52) Toluene	10.635	92	153093	18.972	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	78898	18.379	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	88651	18.808	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	59839	18.893	ug/l	99
56) Ethyl methacrylate	10.877	69	81164	19.292	ug/l	97
57) 1,3-Dichloropropane	11.165	76	98215	18.904	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	87696	65.472	ug/l	99
59) 2-Hexanone	11.200	43	222428	94.781	ug/l	100
60) Dibromochloromethane	11.359	129	65644	18.636	ug/l	99
61) 1,2-Dibromoethane	11.471	107	60006	18.721	ug/l	99
64) Tetrachloroethene	11.106	164	56546	18.347	ug/l	98
65) Chlorobenzene	11.894	112	162745	18.103	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	63215	18.985	ug/l	100
67) Ethyl Benzene	11.965	91	287380	18.941	ug/l	100
68) m/p-Xylenes	12.077	106	232944	38.790	ug/l	99
69) o-Xylene	12.400	106	116314	19.572	ug/l	98
70) Styrene	12.412	104	181595	19.218	ug/l	99
71) Bromoform	12.582	173	46421	19.159	ug/l #	99
73) Isopropylbenzene	12.700	105	295354	19.557	ug/l	100
74) N-amyl acetate	12.500	43	85588	19.318	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	85867	18.392	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	80897m	19.203	ug/l	
77) Bromobenzene	12.982	156	71468	18.699	ug/l	96
78) n-propylbenzene	13.041	91	326013	19.572	ug/l	99
79) 2-Chlorotoluene	13.129	91	196297	18.879	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	249639	19.750	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	19469	16.635	ug/l	91
82) 4-Chlorotoluene	13.129	91	196297	18.879	ug/l	98
83) tert-Butylbenzene	13.441	119	229450	20.589	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	246364	19.648	ug/l	99
85) sec-Butylbenzene	13.618	105	301887	19.626	ug/l	98
86) p-Isopropyltoluene	13.735	119	250551	19.576	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	133397	18.895	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	127525	17.682	ug/l	98
89) n-Butylbenzene	14.059	91	193634	18.675	ug/l	100
90) Hexachloroethane	14.335	117	43784	19.124	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	131971	18.978	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13659	16.488	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	58997	17.136	ug/l	99
94) Hexachlorobutadiene	15.506	225	33317	17.737	ug/l	99
95) Naphthalene	15.641	128	172864	16.714	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	57191	17.773	ug/l	98

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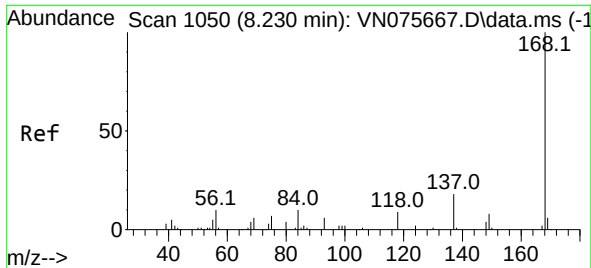
Manual Integrations
APPROVED

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Response via : Initial Calibration

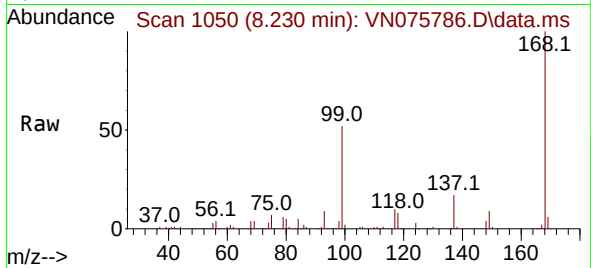
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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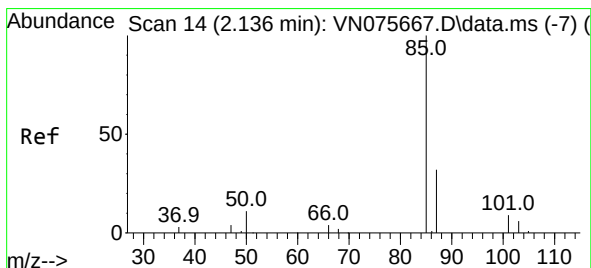
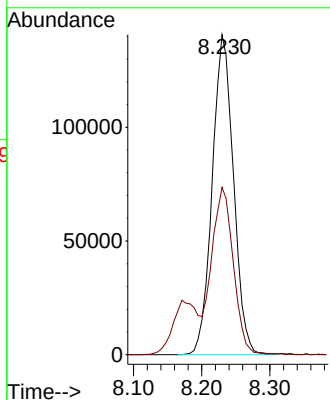
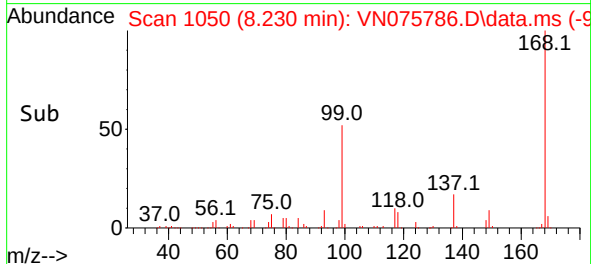
Instrument :
MSVOA_N
Client Sample Id :
VN1214WBS02



Tgt Ion: 168 Resp: 305630
Ion Ratio Lower Upper
168 100
99 52.1 44.2 66.4

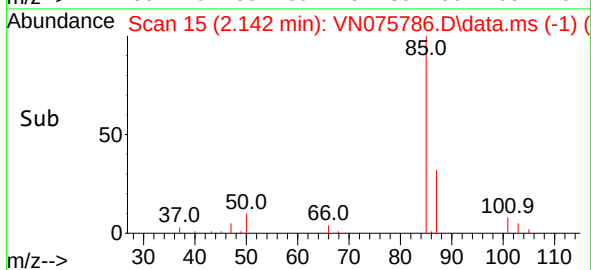
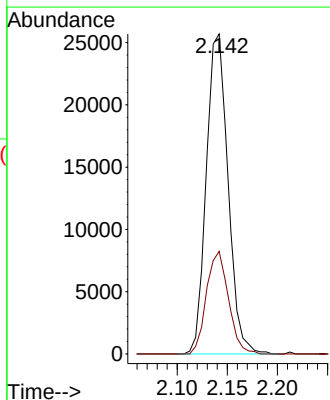
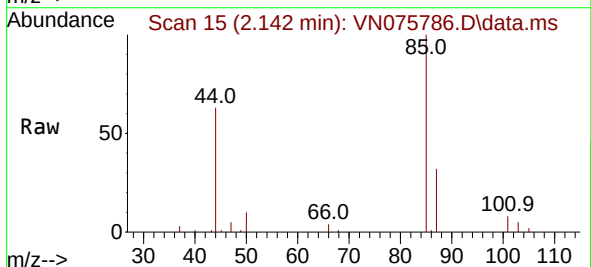
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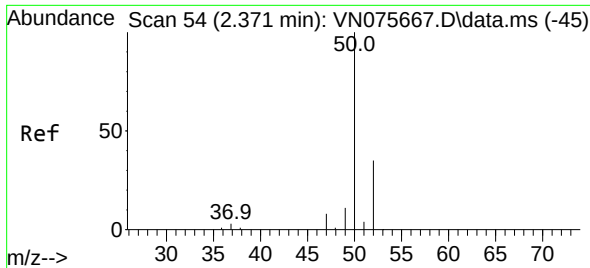
Reviewed By : John Carlone 12/15/2022
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#2
Dichlorodifluoromethane
Concen: 17.829 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075786.D
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Tgt Ion: 85 Resp: 38690
Ion Ratio Lower Upper
85 100
87 32.0 16.3 48.9





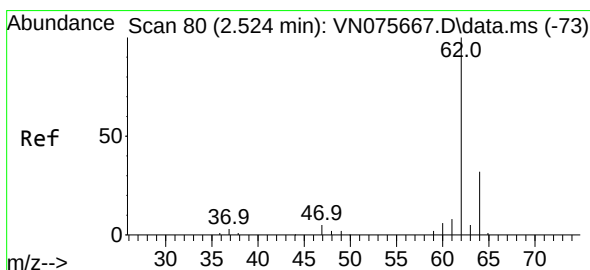
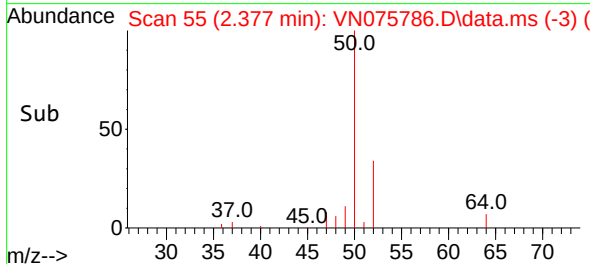
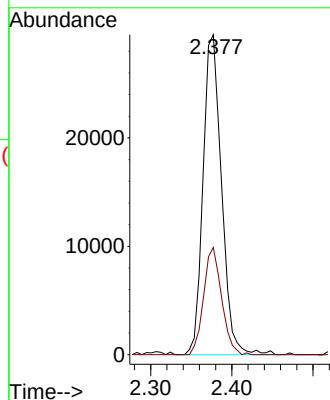
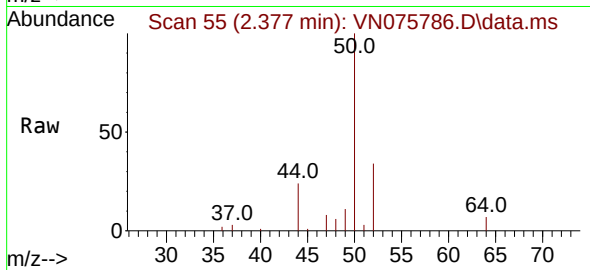
#3
Chloromethane
Concen: 17.277 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075786.D
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Tgt Ion: 50 Resp: 4662
Ion Ratio Lower Upper
50 100
52 33.5 27.7 41.5

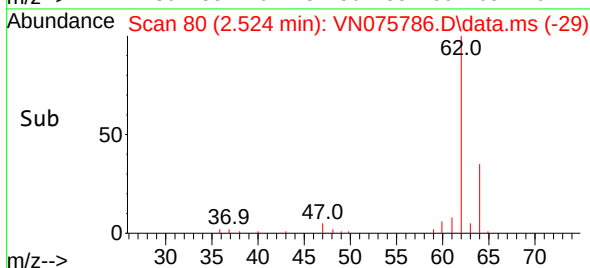
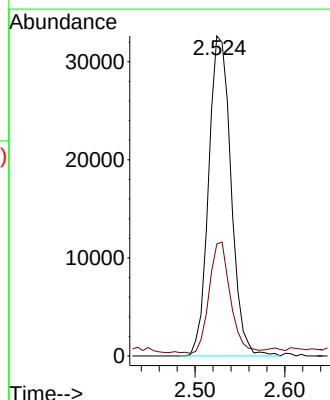
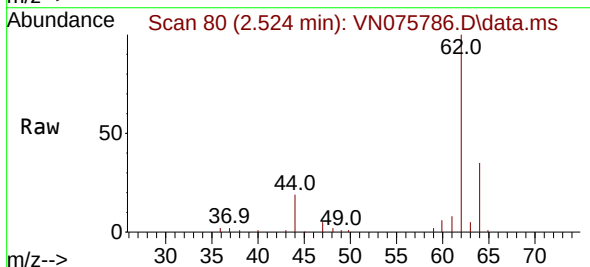
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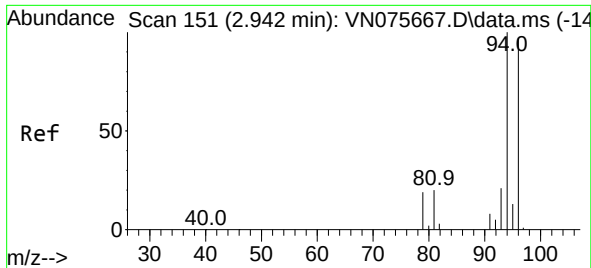
Reviewed By :John Carlone 12/15/2022
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#4
Vinyl Chloride
Concen: 17.579 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075786.D
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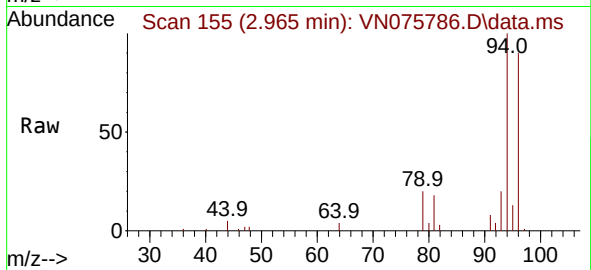
Tgt Ion: 62 Resp: 56584
Ion Ratio Lower Upper
62 100
64 33.9 24.9 37.3





#5
Bromomethane
Concen: 17.307 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

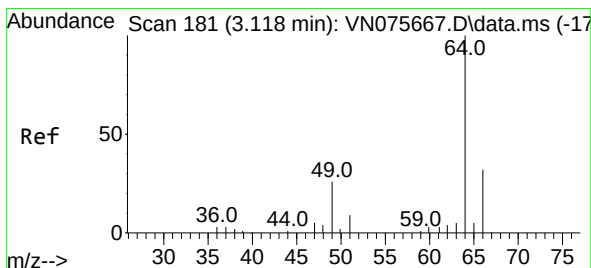
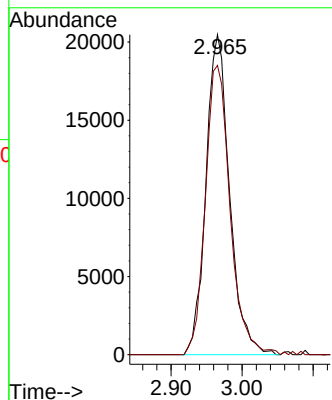
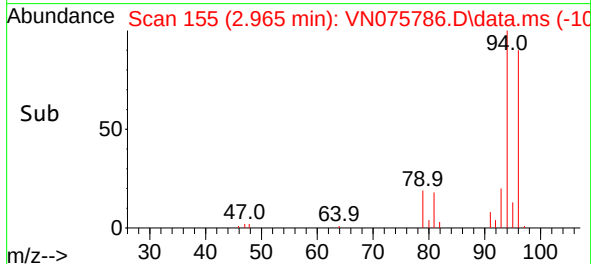
Instrument :
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Tgt Ion: 94 Resp: 47340
Ion Ratio Lower Upper
94 100
96 90.4 73.8 110.6

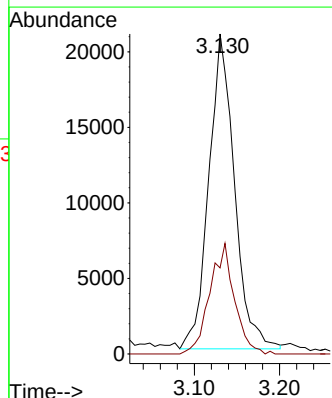
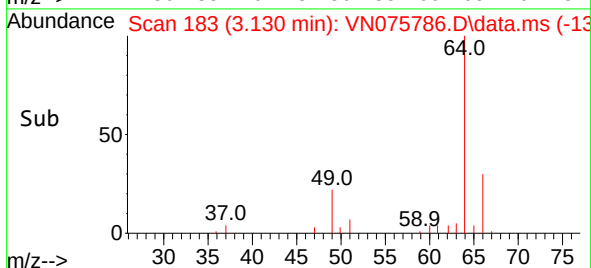
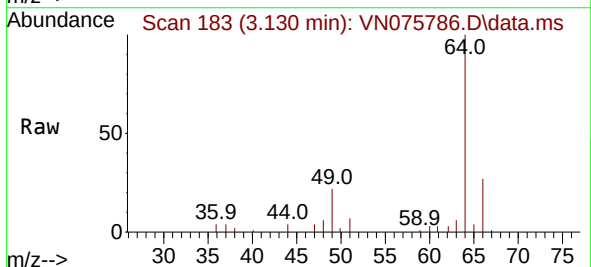
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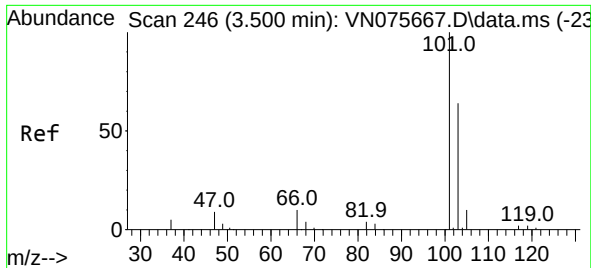
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#6
Chloroethane
Concen: 18.341 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075786.D
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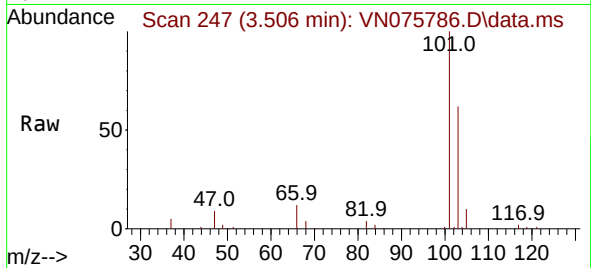
Tgt Ion: 64 Resp: 43719
Ion Ratio Lower Upper
64 100
66 27.3 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 18.092 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN075786.D
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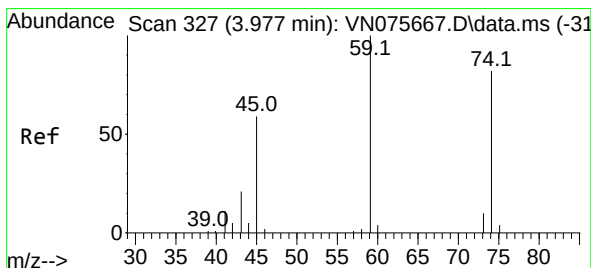
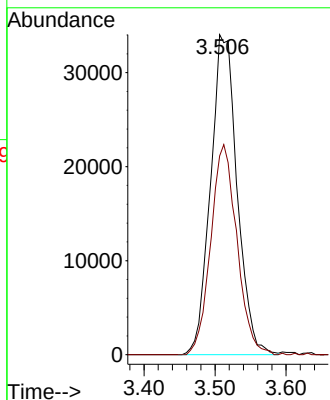
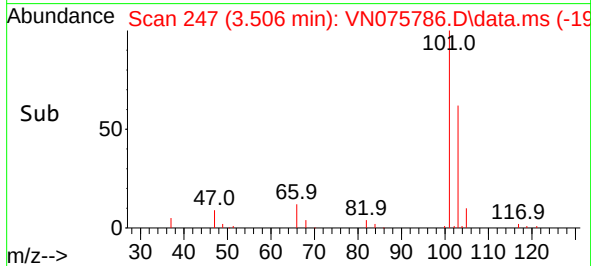
Instrument :
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 VN1214WBS02



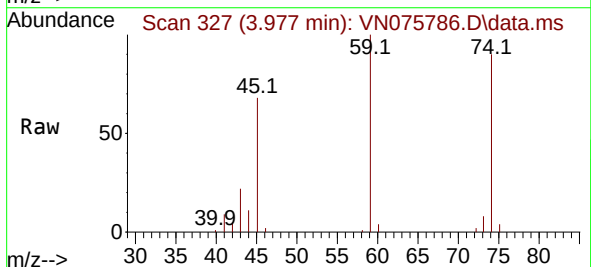
Tgt Ion:101 Resp: 88370
 Ion Ratio Lower Upper
 101 100
 103 62.1 53.4 80.2

Manual Integrations
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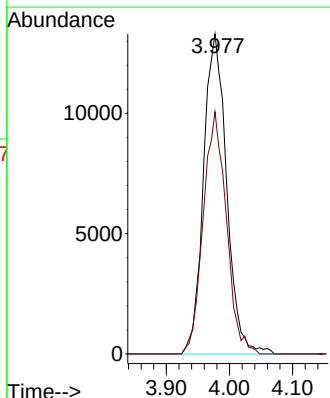
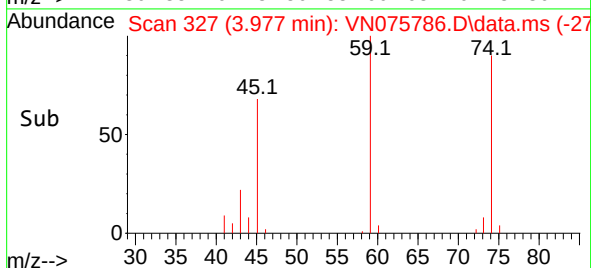
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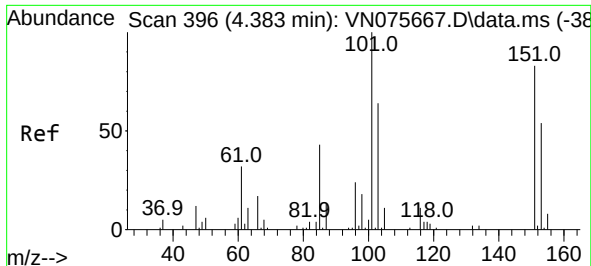


#8
 Diethyl Ether
 Concen: 18.951 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 33809
 Ion Ratio Lower Upper
 74 100
 45 75.7 37.8 113.4





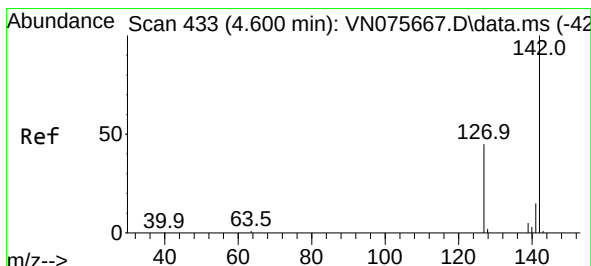
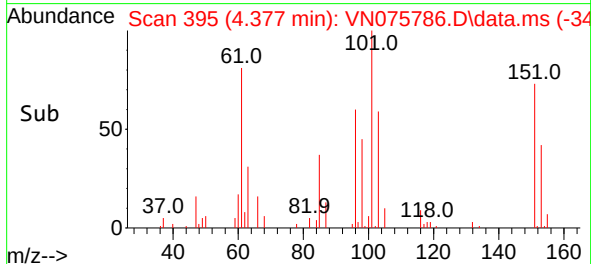
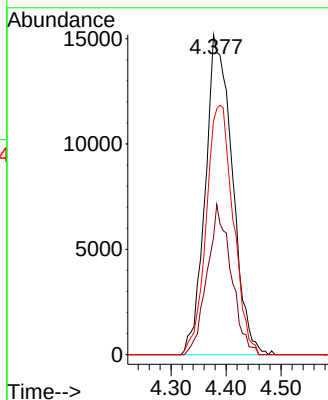
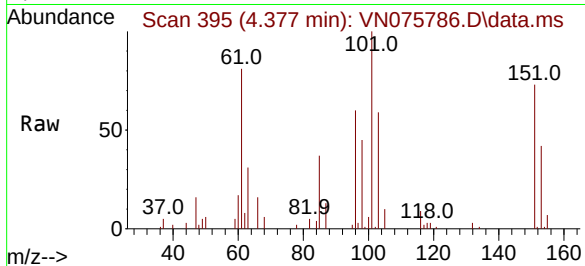
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.528 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion:101 Resp: 51670
Ion Ratio Lower Upper
101 100
85 42.0 35.3 52.9
151 78.1 65.6 98.4

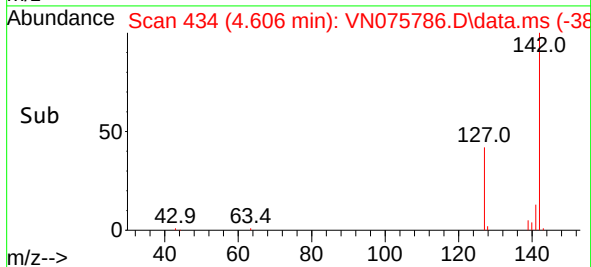
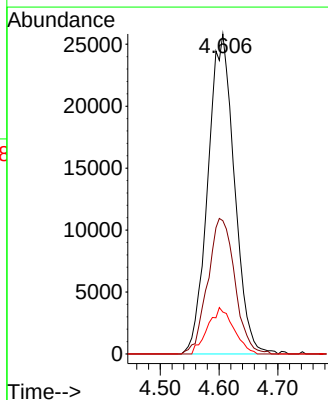
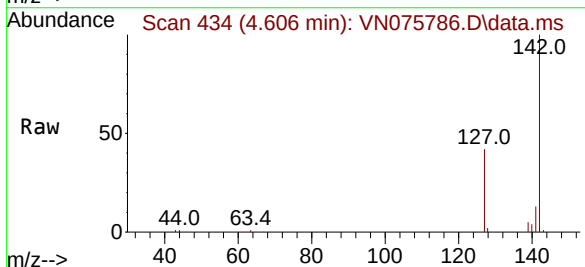
Manual Integrations
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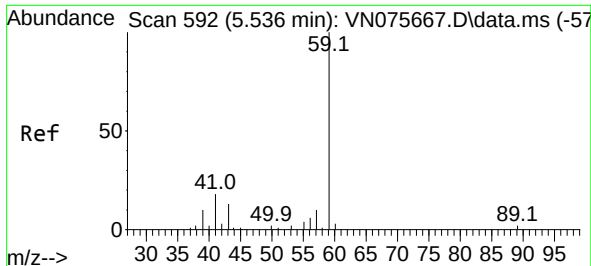
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#10
Methyl Iodide
Concen: 17.819 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Tgt Ion:142 Resp: 80655
Ion Ratio Lower Upper
142 100
127 43.5 34.7 52.1
141 14.2 11.4 17.2





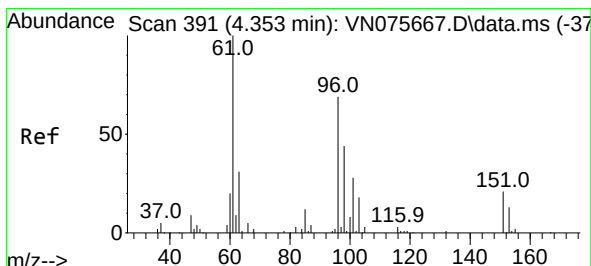
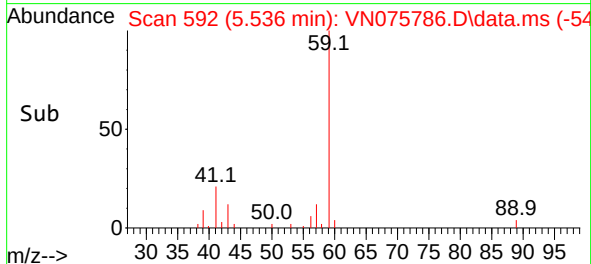
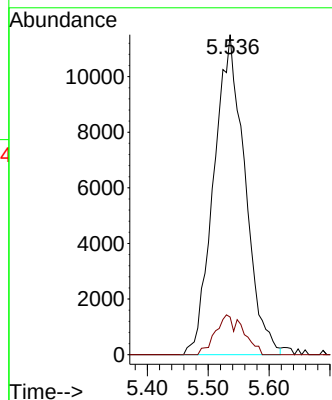
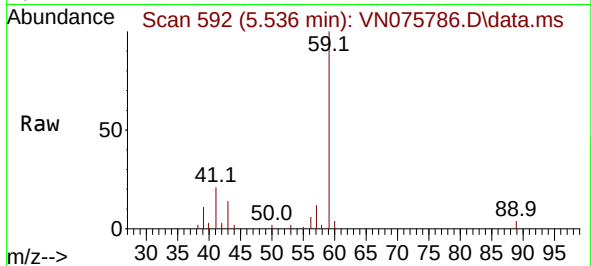
#11
Tert butyl alcohol
Concen: 86.854 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion: 59 Resp: 40864
Ion Ratio Lower Upper
59 100
57 7.0 8.2 12.4

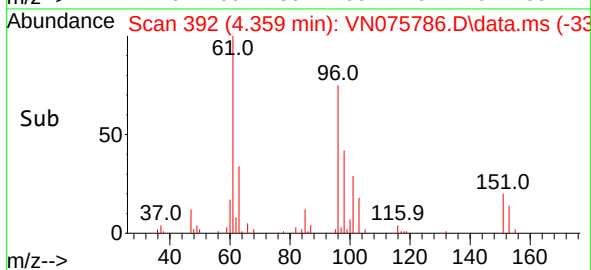
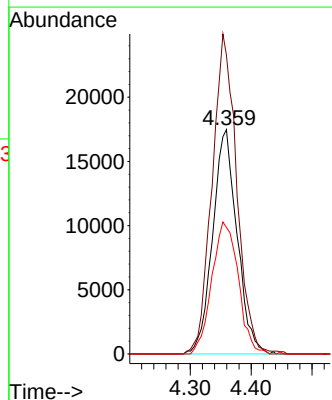
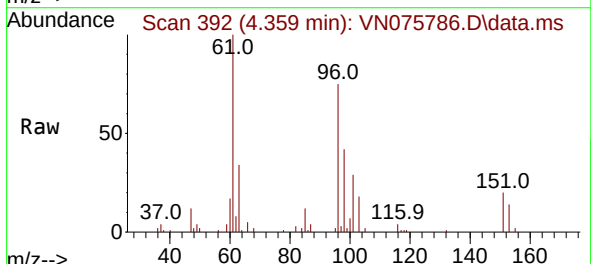
Manual Integrations
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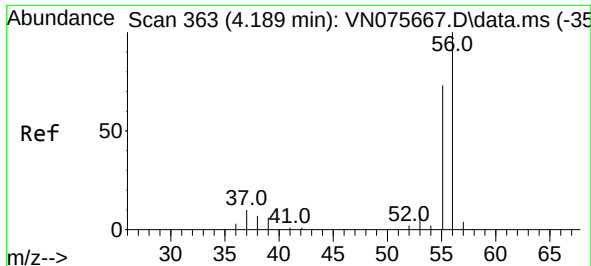
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#12
1,1-Dichloroethene
Concen: 17.986 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Tgt Ion: 96 Resp: 48722
Ion Ratio Lower Upper
96 100
61 133.1 113.3 169.9
98 56.3 50.9 76.3





#13

Acrolein

Concen: 95.767 ug/l

RT: 4.195 min Scan# 30

Delta R.T. 0.006 min

Lab File: VN075786.D

Acq: 14 Dec 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

Tgt Ion: 56 Resp: 55239

Ion Ratio Lower Upper

56 100

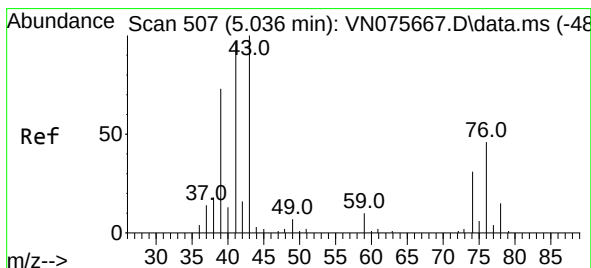
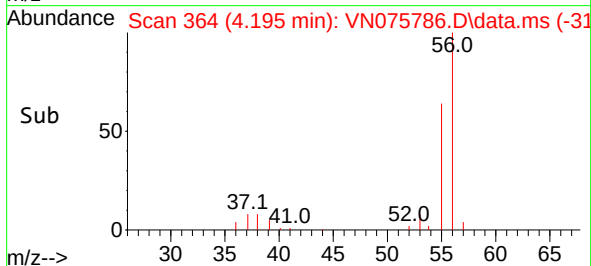
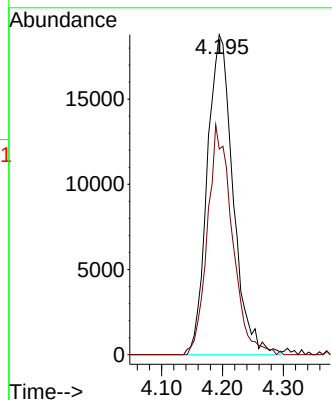
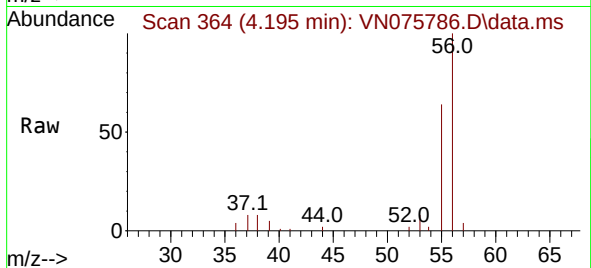
55 69.0 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#14

Allyl chloride

Concen: 17.039 ug/l

RT: 5.042 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN075786.D

Acq: 14 Dec 2022 23:40

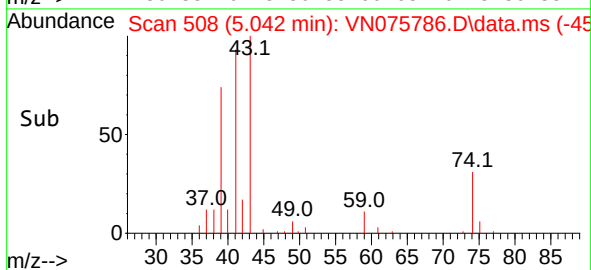
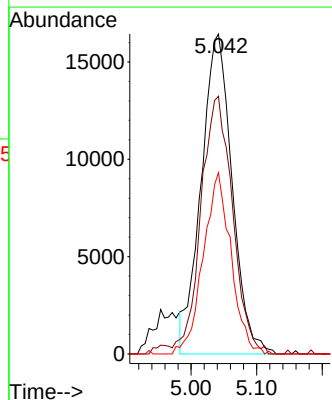
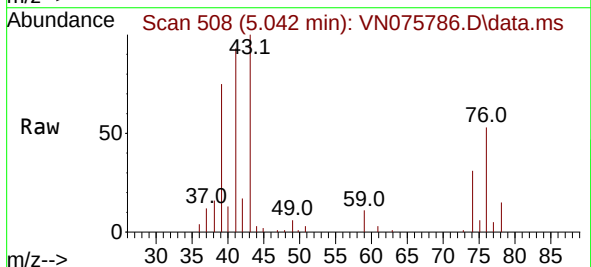
Tgt Ion: 41 Resp: 53957

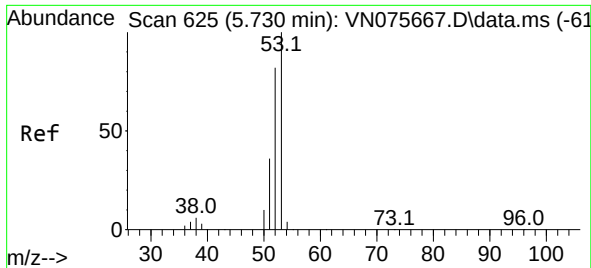
Ion Ratio Lower Upper

41 100

39 81.9 58.3 87.5

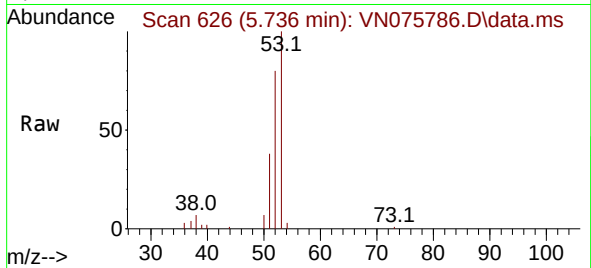
76 50.9 35.8 53.6





#15
Acrylonitrile
Concen: 92.938 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

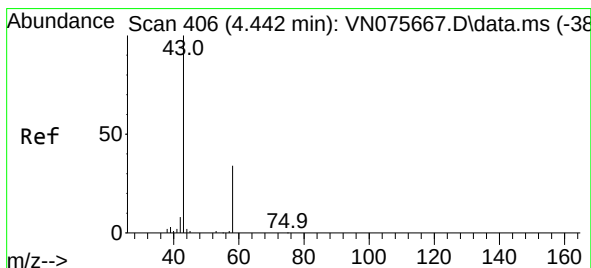
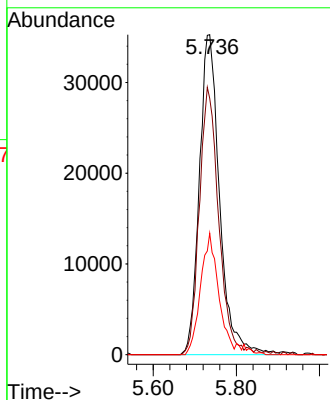
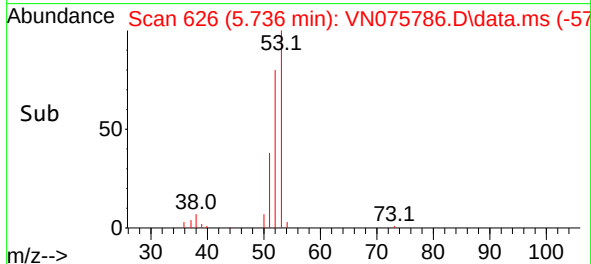
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion: 53 Resp: 119320
Ion Ratio Lower Upper
53 100
52 79.9 65.4 98.0
51 33.5 28.9 43.3

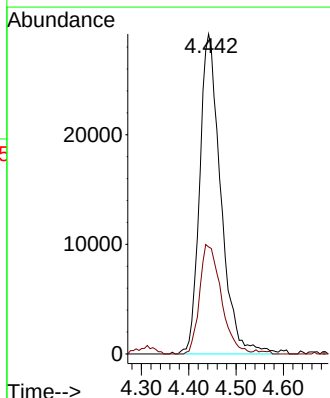
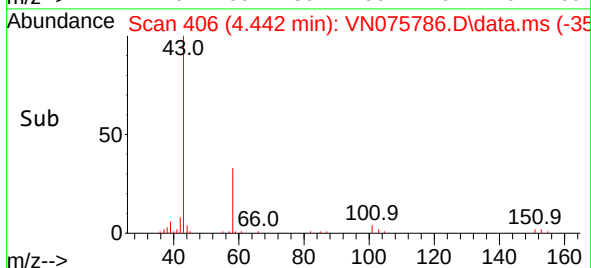
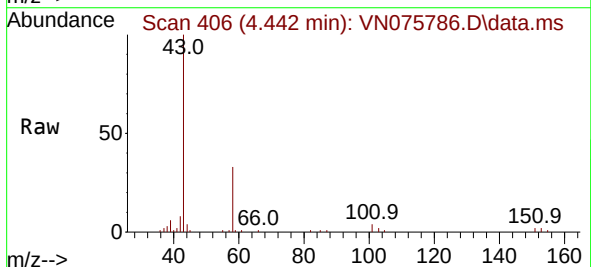
Manual Integrations
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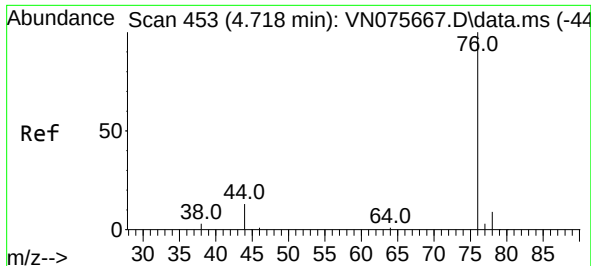
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#16
Acetone
Concen: 78.810 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

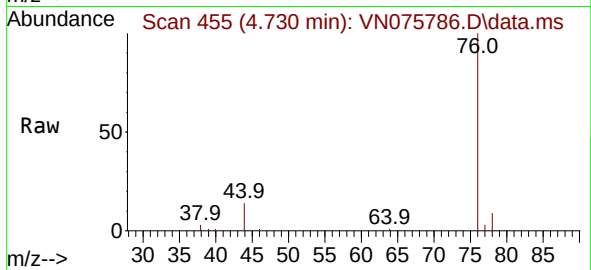
Tgt Ion: 43 Resp: 90332
Ion Ratio Lower Upper
43 100
58 33.4 28.6 43.0





#17
Carbon Disulfide
Concen: 17.305 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

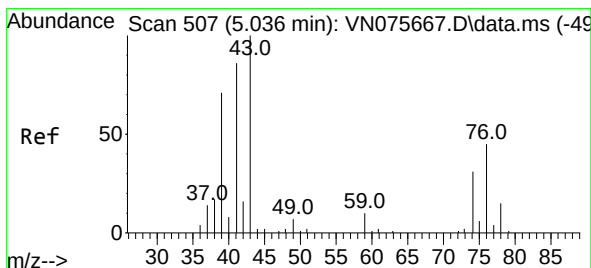
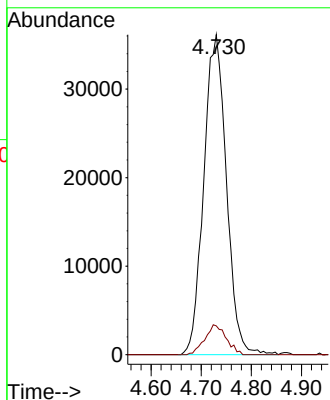
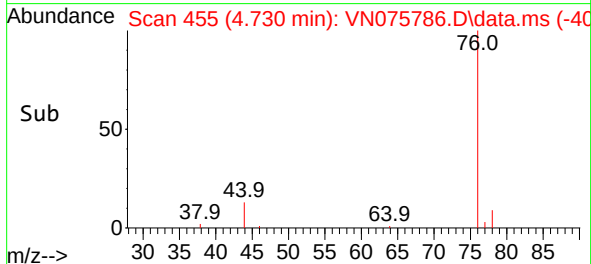
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion: 76 Resp: 11349
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

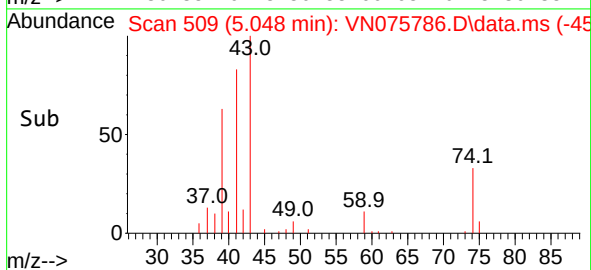
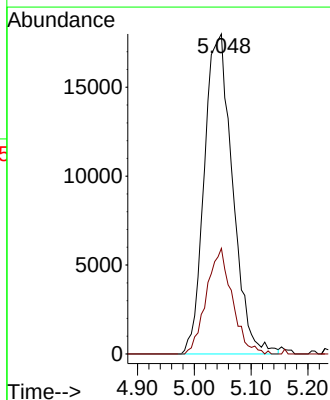
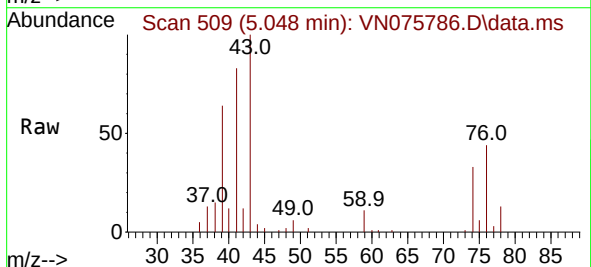
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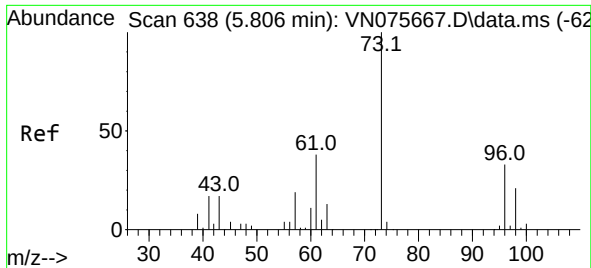
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#18
Methyl Acetate
Concen: 18.339 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.012 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Tgt Ion: 43 Resp: 62134
Ion Ratio Lower Upper
43 100
74 30.1 23.6 35.4





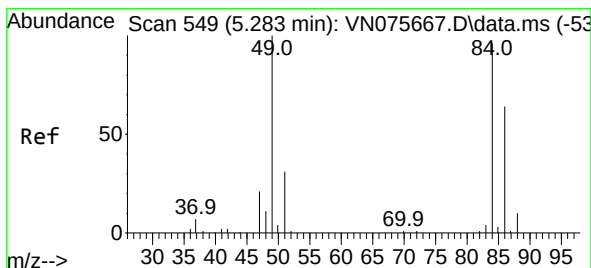
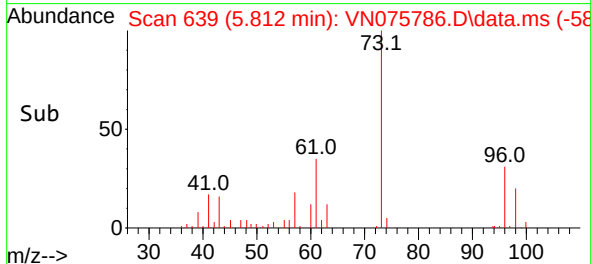
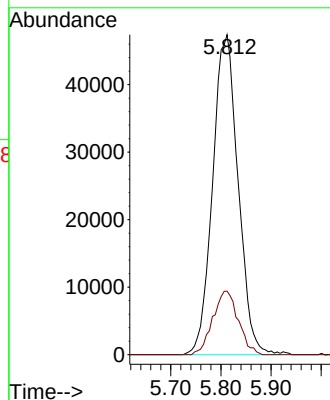
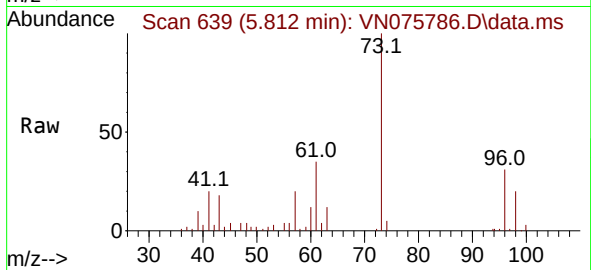
#19
Methyl tert-butyl Ether
Concen: 18.748 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion: 73 Resp: 16723
Ion Ratio Lower Upper
73 100
57 19.9 17.1 25.7

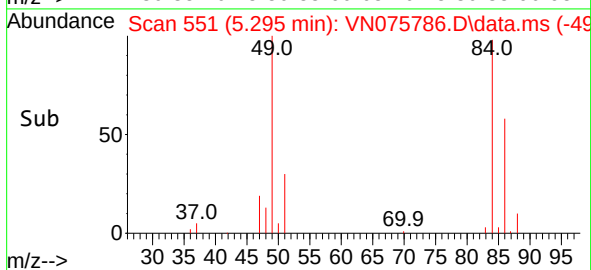
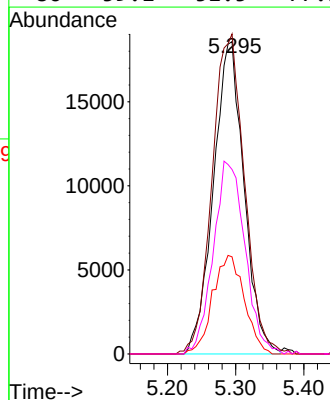
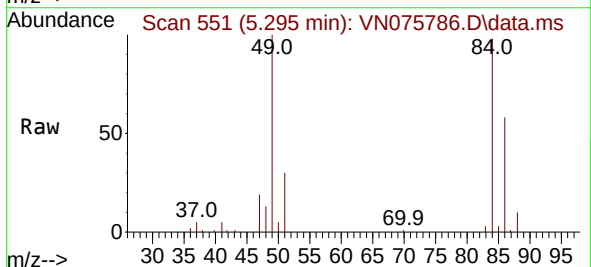
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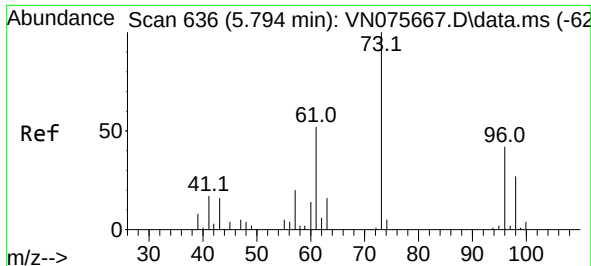
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#20
Methylene Chloride
Concen: 18.486 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Tgt Ion: 84 Resp: 57918
Ion Ratio Lower Upper
84 100
49 101.5 81.8 122.6
51 31.1 26.7 40.1
86 59.1 51.5 77.3





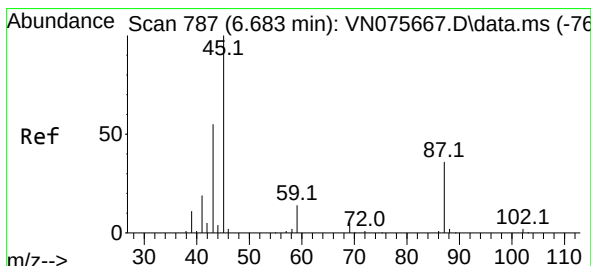
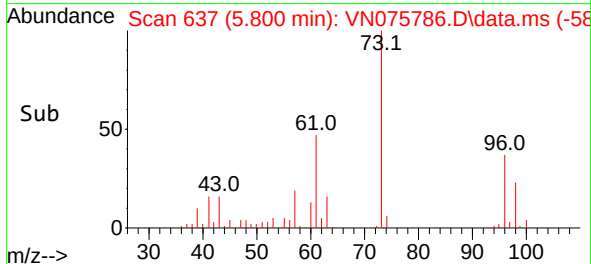
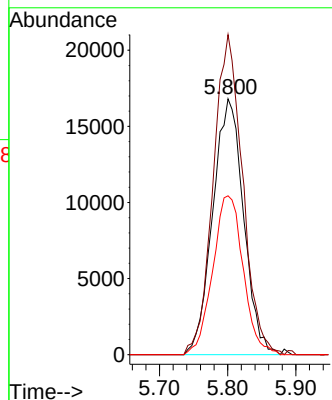
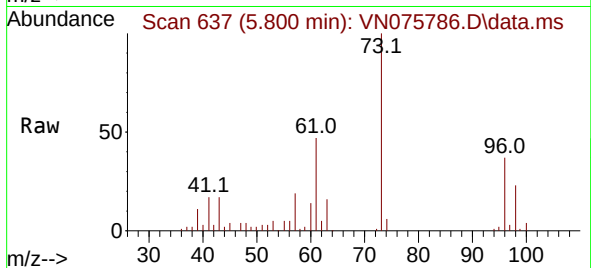
#21
trans-1,2-Dichloroethene
Concen: 17.811 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion: 96 Resp: 52838
Ion Ratio Lower Upper
96 100
61 125.1 98.1 147.1
98 62.1 51.4 77.2

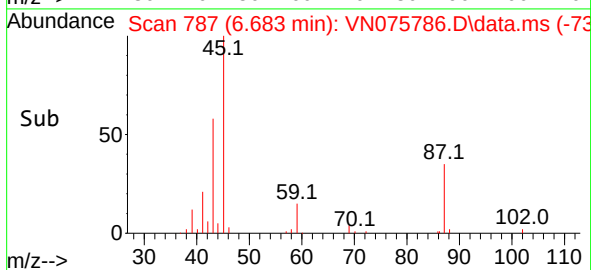
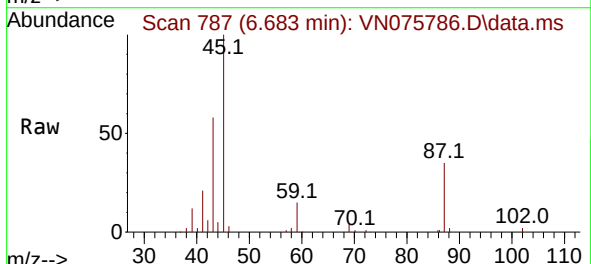
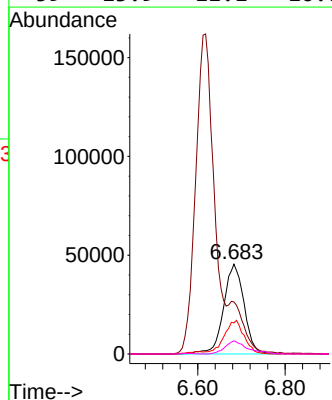
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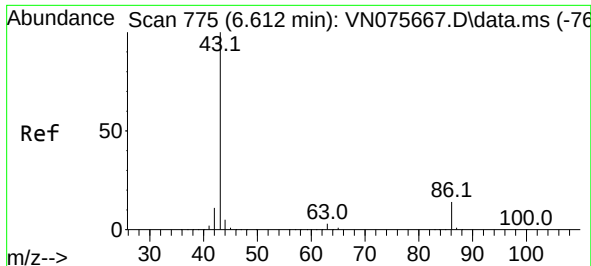
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#22
Diisopropyl ether
Concen: 19.097 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Tgt Ion: 45 Resp: 146906
Ion Ratio Lower Upper
45 100
43 56.3 44.2 66.4
87 34.6 28.3 42.5
59 13.9 11.1 16.7





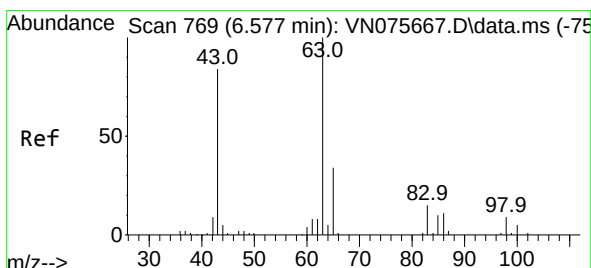
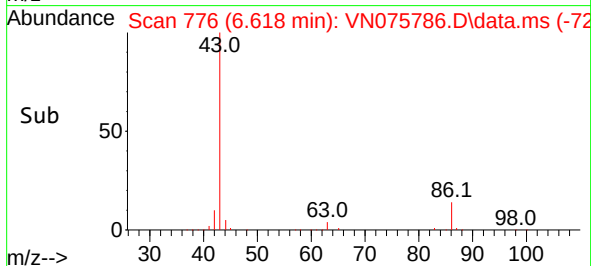
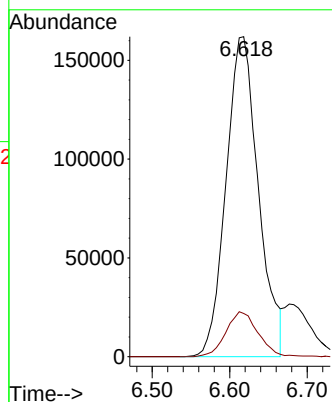
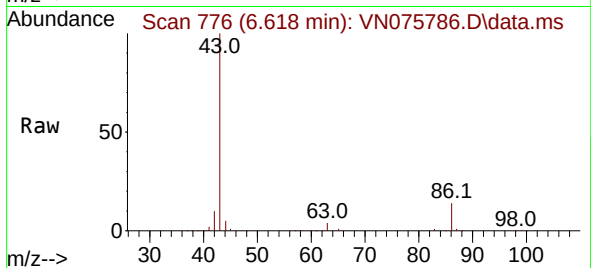
#23
 Vinyl Acetate
 Concen: 91.111 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075786.D
 Acq: 14 Dec 2022 23:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS02

Tgt Ion: 43 Resp: 471734
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.4 17.2

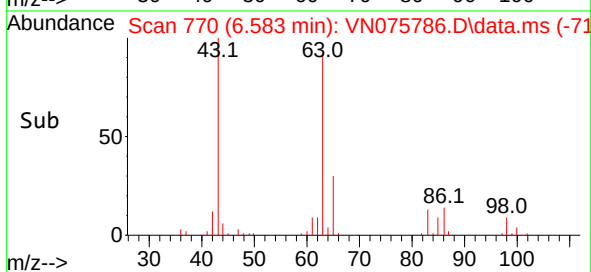
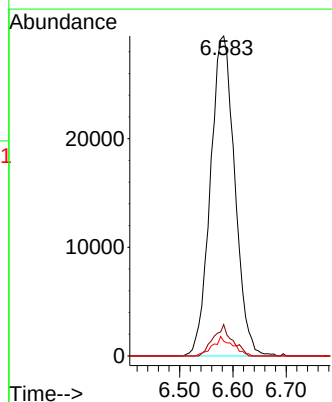
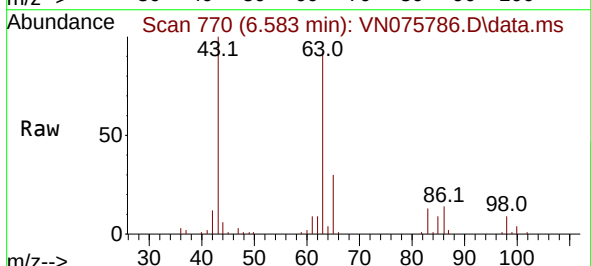
Manual Integrations
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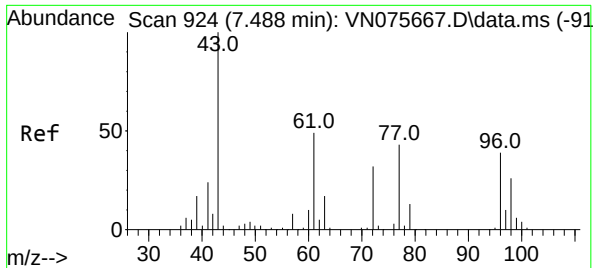
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#24
 1,1-Dichloroethane
 Concen: 18.227 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075786.D
 Acq: 14 Dec 2022 23:40

Tgt Ion: 63 Resp: 93511
 Ion Ratio Lower Upper
 63 100
 98 9.8 3.9 11.5
 100 4.6 2.5 7.6





#25

2-Butanone

Concen: 90.191 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075786.D

Acq: 14 Dec 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

Tgt Ion: 43 Resp: 14474

Ion Ratio Lower Upper

43 100

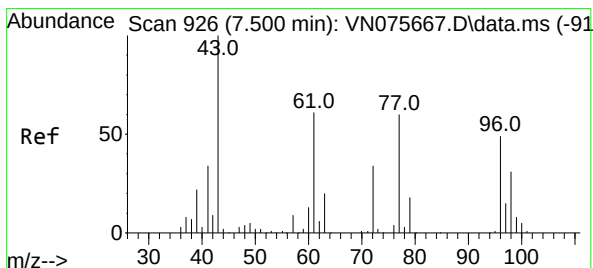
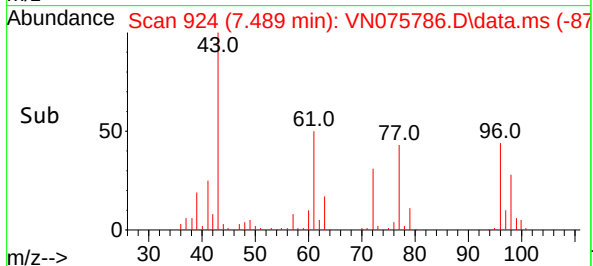
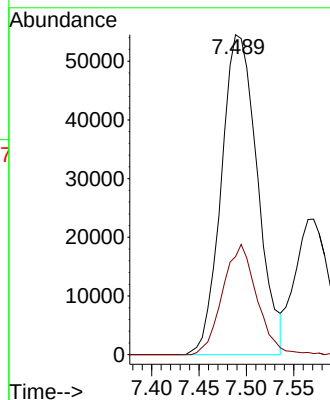
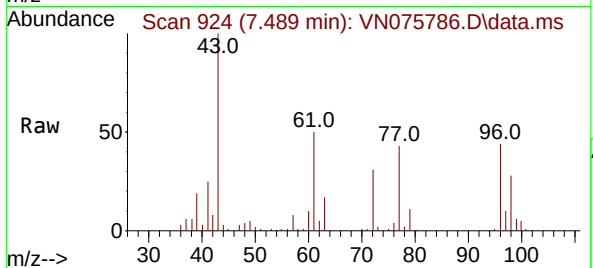
72 30.7 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#26

2,2-Dichloropropane

Concen: 16.791 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075786.D

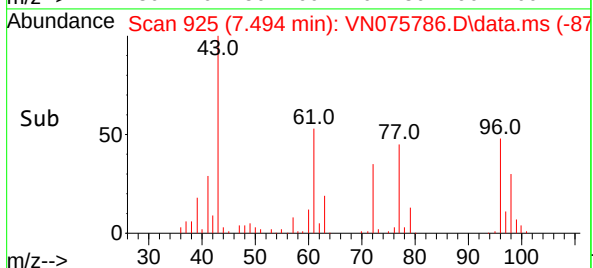
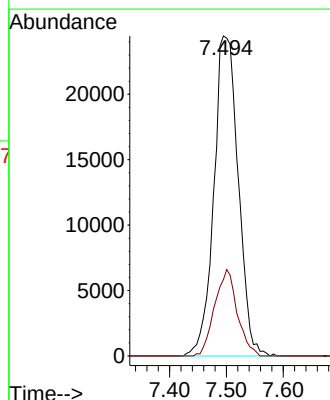
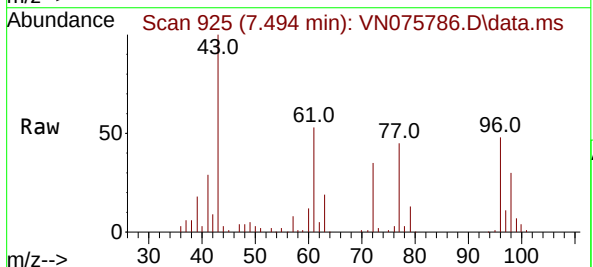
Acq: 14 Dec 2022 23:40

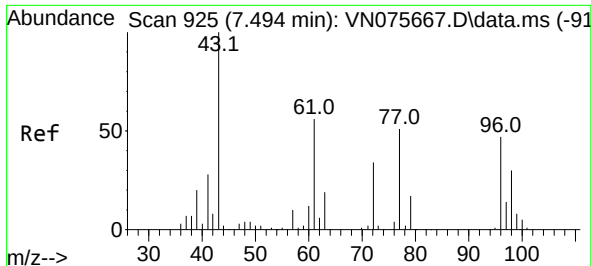
Tgt Ion: 77 Resp: 72951

Ion Ratio Lower Upper

77 100

97 25.0 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 18.690 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075786.D

Acq: 14 Dec 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

Tgt Ion: 96 Resp: 6631

Ion Ratio Lower Upper

96 100

61 121.0 0.0 247.8

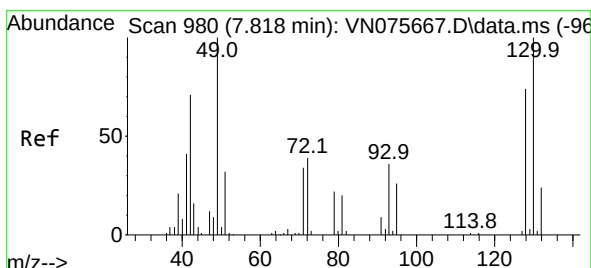
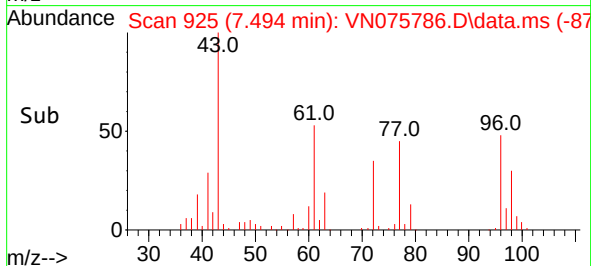
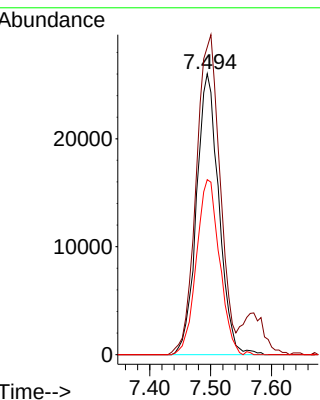
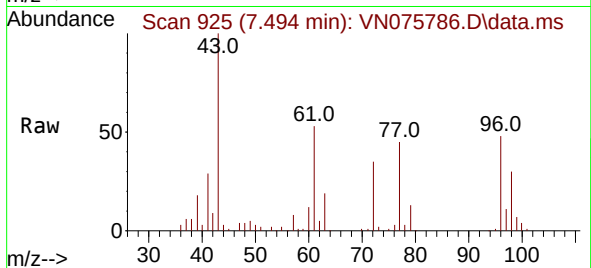
98 64.4 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#28

Bromochloromethane

Concen: 17.286 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.006 min

Lab File: VN075786.D

Acq: 14 Dec 2022 23:40

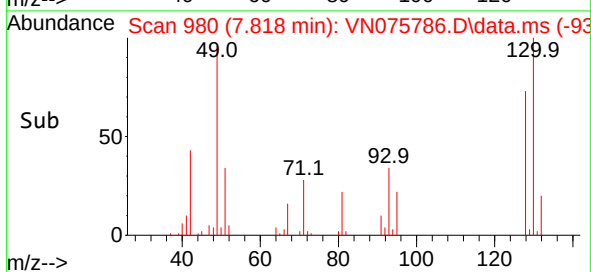
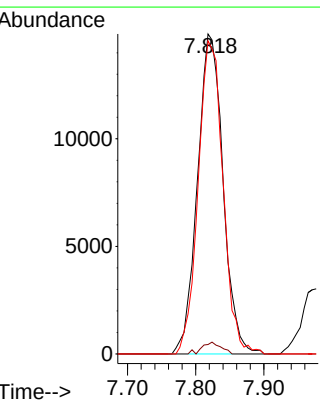
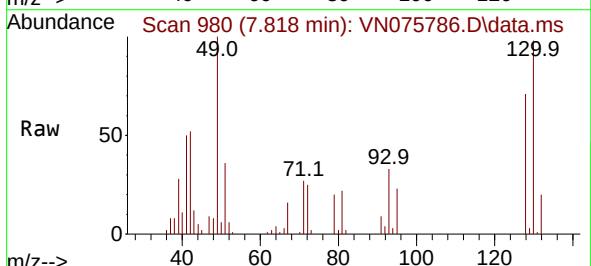
Tgt Ion: 49 Resp: 38868

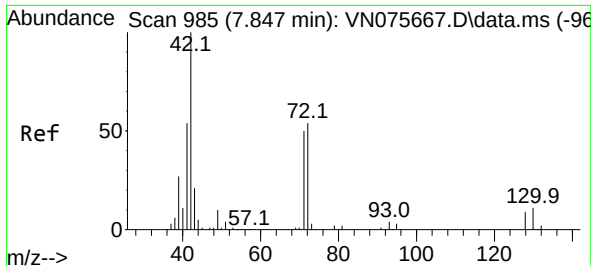
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.0

130 94.9 77.0 115.4





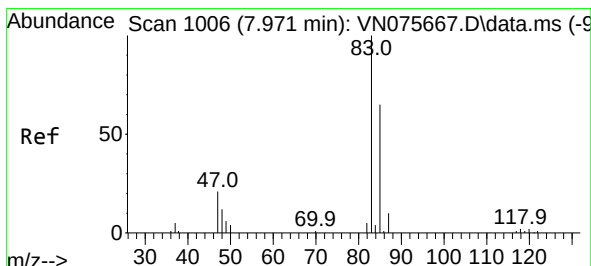
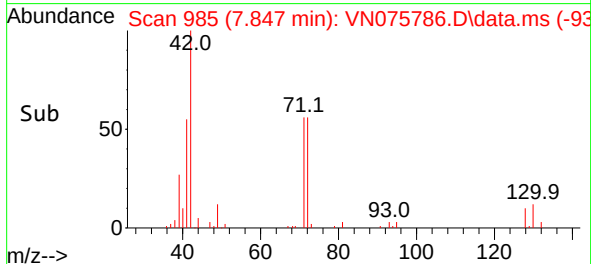
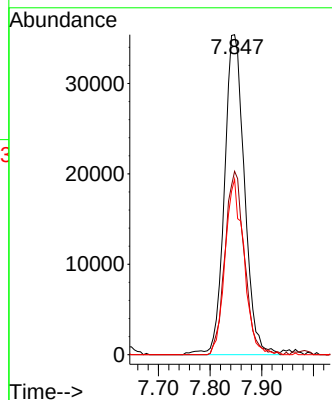
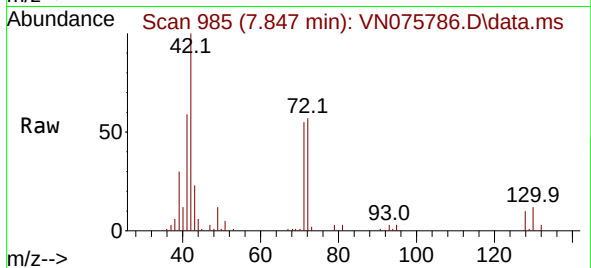
#29
Tetrahydrofuran
Concen: 94.721 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion: 42 Resp: 9526
Ion Ratio Lower Upper
42 100
72 55.8 44.5 66.7
71 51.7 41.0 61.6

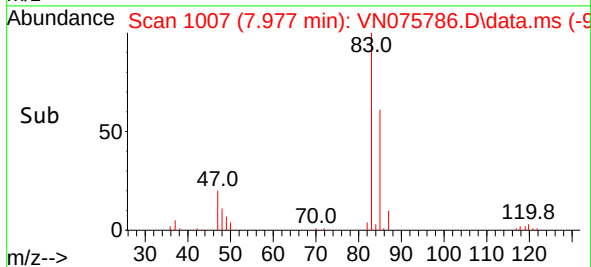
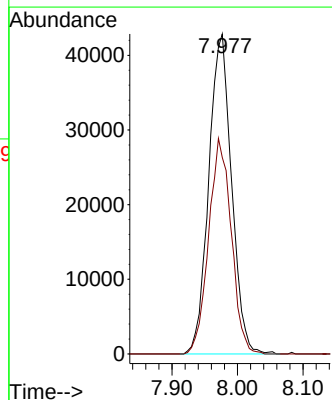
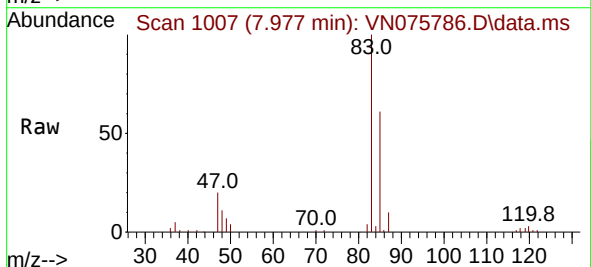
Manual Integrations
APPROVED

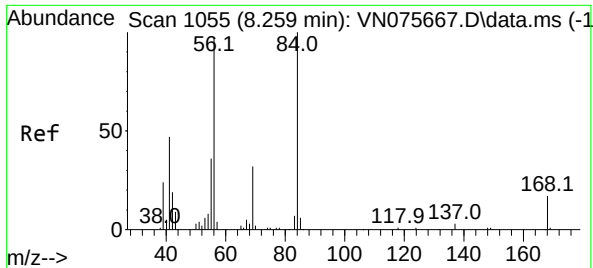
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#30
Chloroform
Concen: 17.916 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

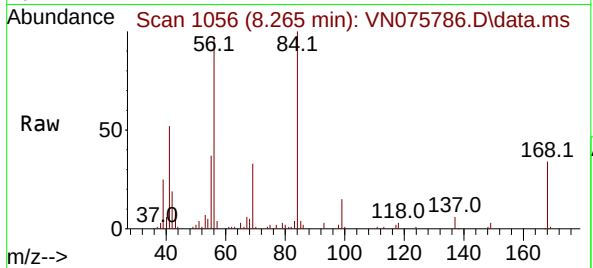
Tgt Ion: 83 Resp: 103486
Ion Ratio Lower Upper
83 100
85 61.4 49.1 73.7





#31
Cyclohexane
Concen: 17.864 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

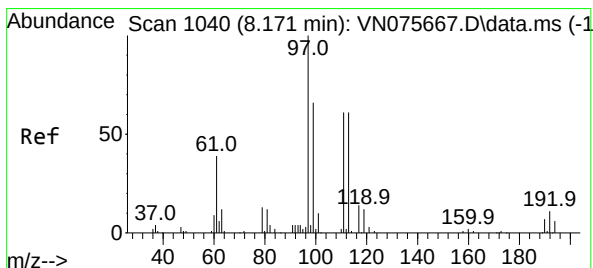
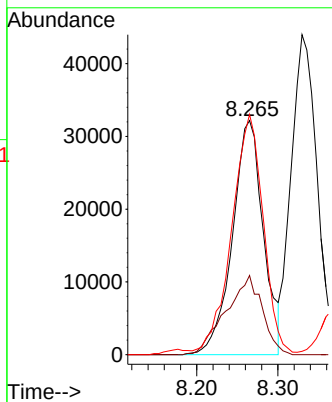
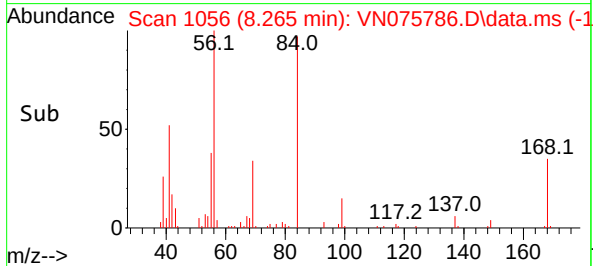
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



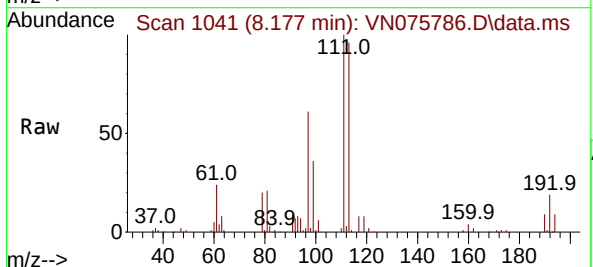
Tgt Ion: 56 Resp: 85069
Ion Ratio Lower Upper
56 100
69 33.9 24.7 37.1
84 100.4 76.5 114.7

Manual Integrations
APPROVED

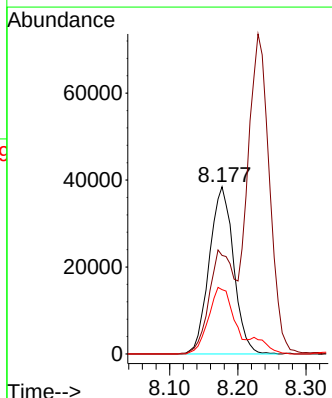
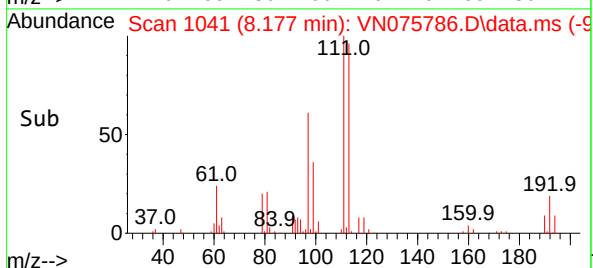
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

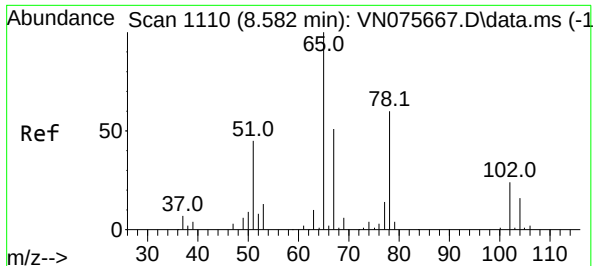


#32
1,1,1-Trichloroethane
Concen: 18.652 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40



Tgt Ion: 97 Resp: 95517
Ion Ratio Lower Upper
97 100
99 65.3 50.2 75.2
61 41.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 48.801 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075786.D

Acq: 14 Dec 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

Tgt Ion: 65 Resp: 162260

Ion Ratio Lower Upper

65 100

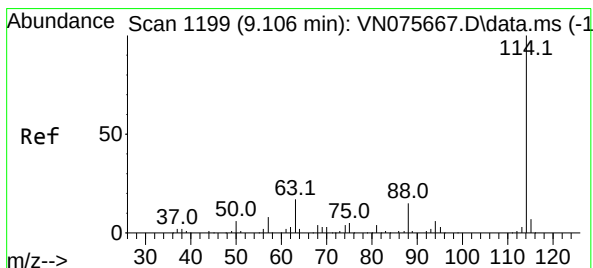
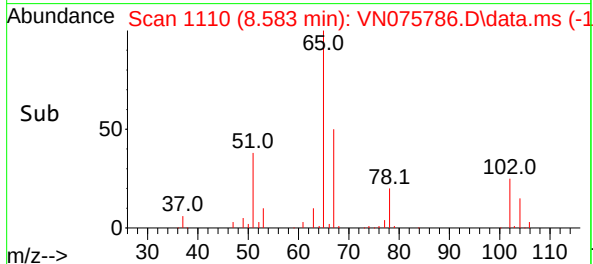
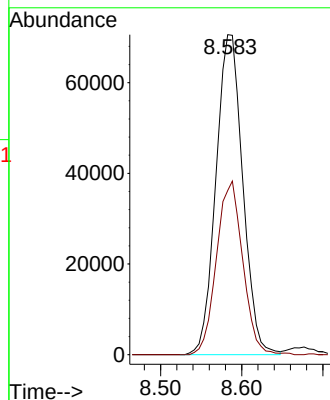
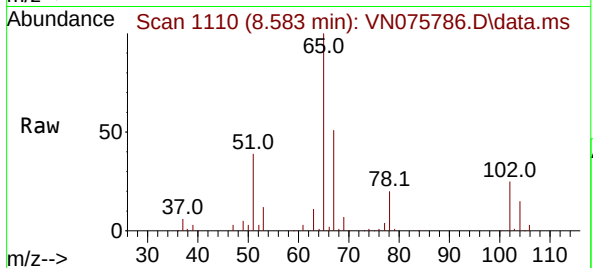
67 53.1 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075786.D

Acq: 14 Dec 2022 23:40

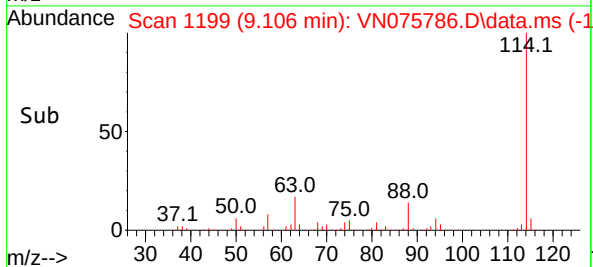
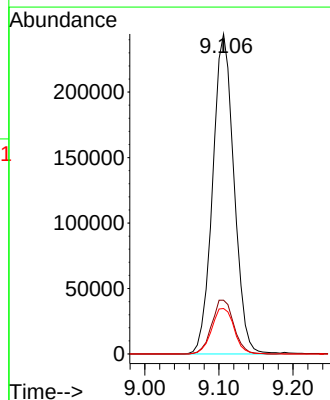
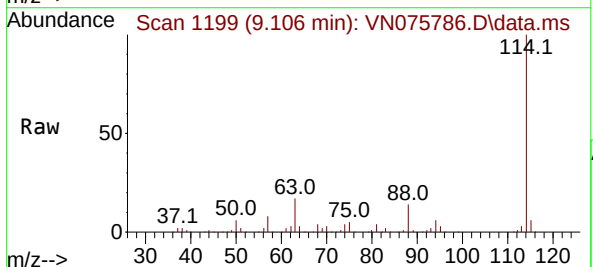
Tgt Ion:114 Resp: 488157

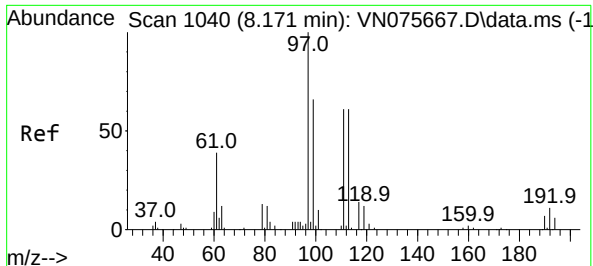
Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.4

88 14.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.081 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075786.D

Acq: 14 Dec 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

Tgt Ion:113 Resp: 148370

Ion Ratio Lower Upper

113 100

111 101.9 83.4 125.2

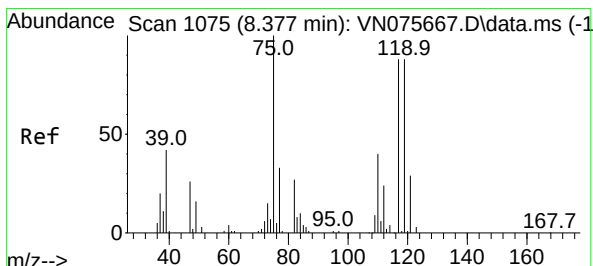
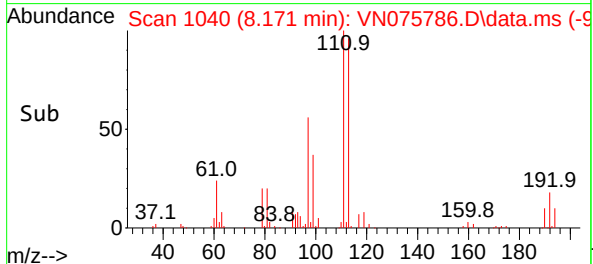
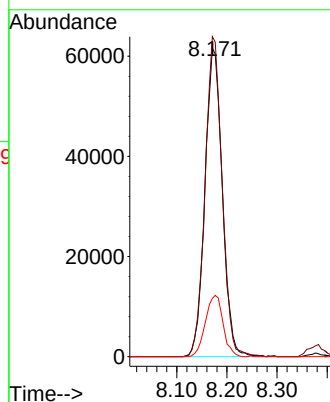
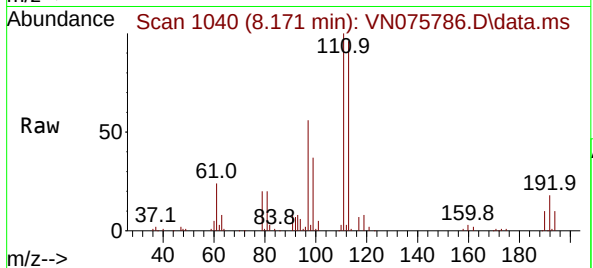
192 20.2 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#36

1,1-Dichloropropene

Concen: 18.572 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075786.D

Acq: 14 Dec 2022 23:40

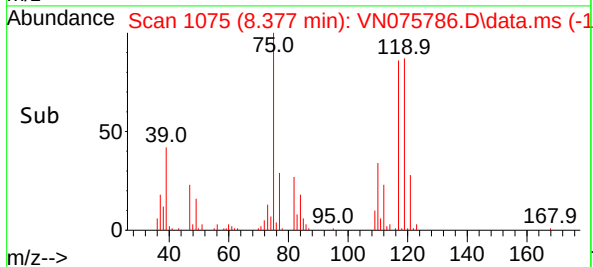
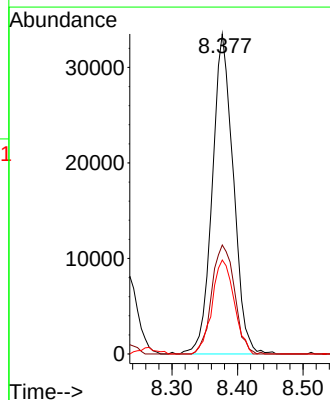
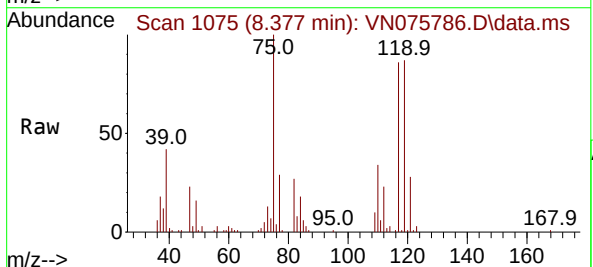
Tgt Ion: 75 Resp: 74584

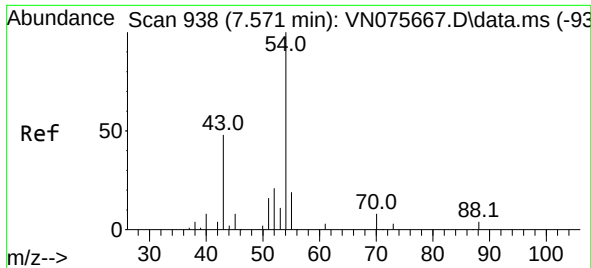
Ion Ratio Lower Upper

75 100

110 36.8 18.8 56.4

77 30.9 24.1 36.1





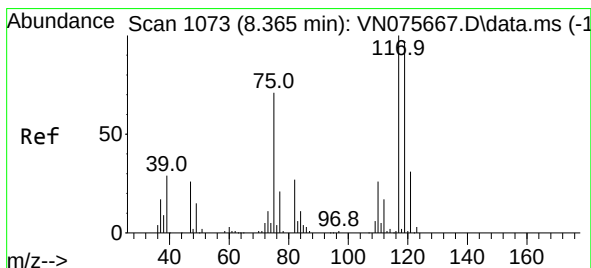
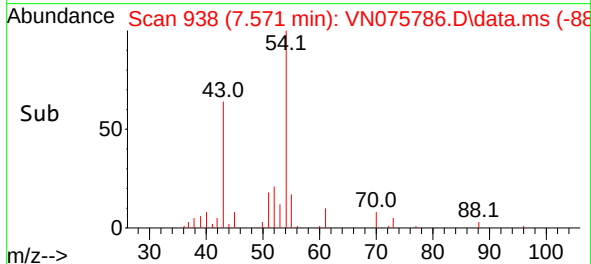
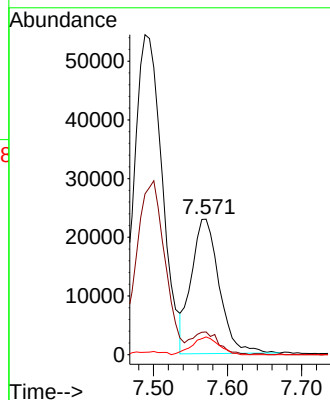
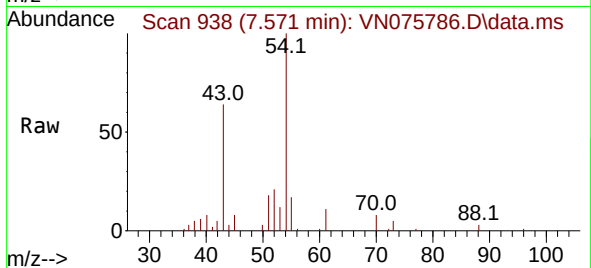
#37
Ethyl Acetate
Concen: 18.587 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion: 43 Resp: 5995
Ion Ratio Lower Upper
43 100
61 16.5 13.0 19.4
70 12.6 9.4 14.0

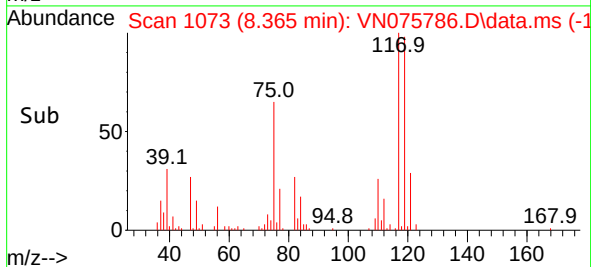
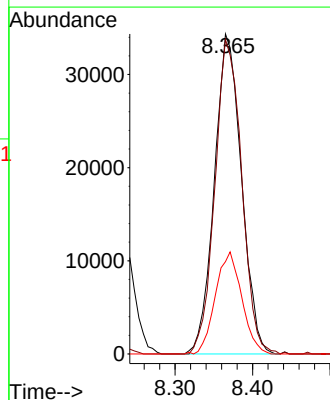
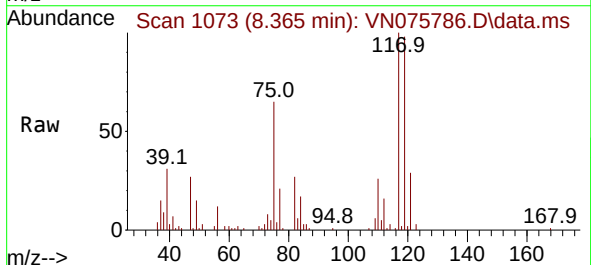
Manual Integrations
APPROVED

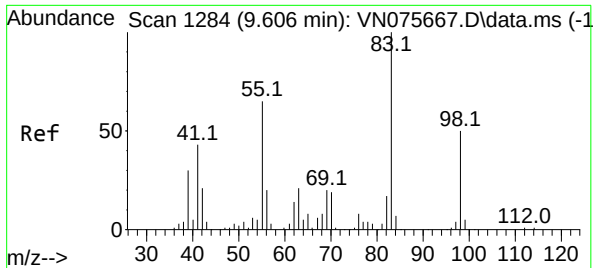
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#38
Carbon Tetrachloride
Concen: 18.554 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Tgt Ion:117 Resp: 83392
Ion Ratio Lower Upper
117 100
119 98.3 76.1 114.1
121 28.8 24.5 36.7





#39

Methylcyclohexane

Concen: 19.299 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075786.D

Acq: 14 Dec 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

Tgt Ion: 83 Resp: 9350

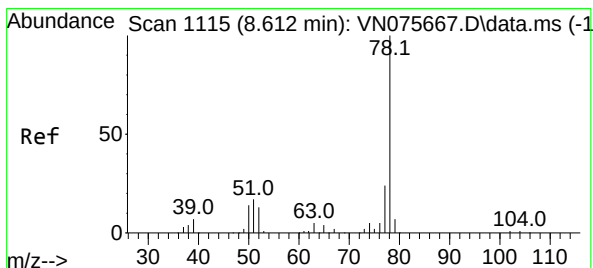
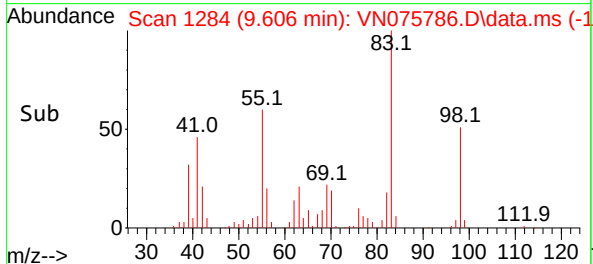
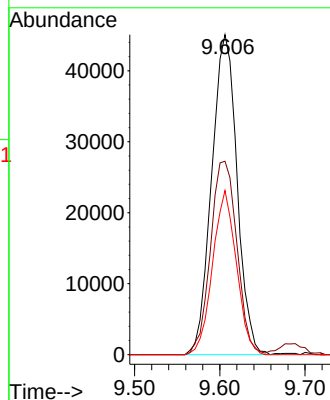
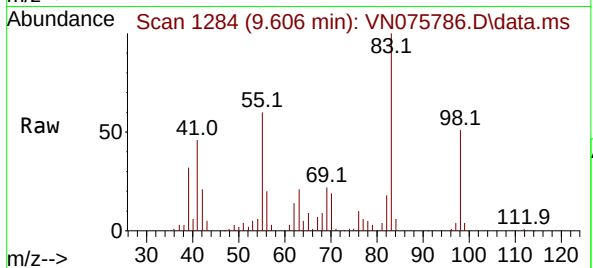
Ion	Ratio	Lower	Upper
83	100		
55	60.4	51.4	77.0
98	51.3	39.8	59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#40

Benzene

Concen: 18.718 ug/l

RT: 8.612 min Scan# 1115

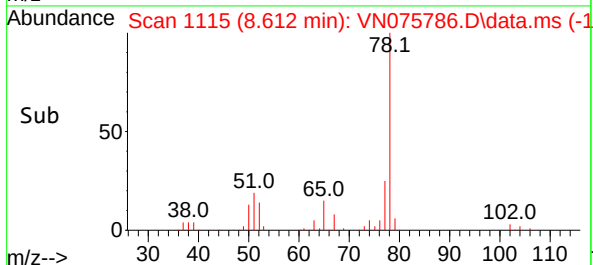
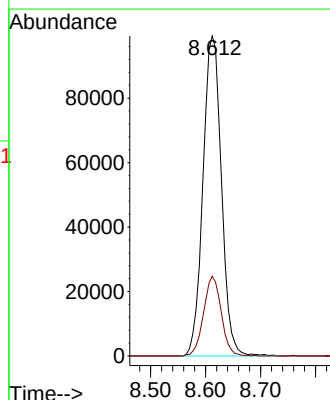
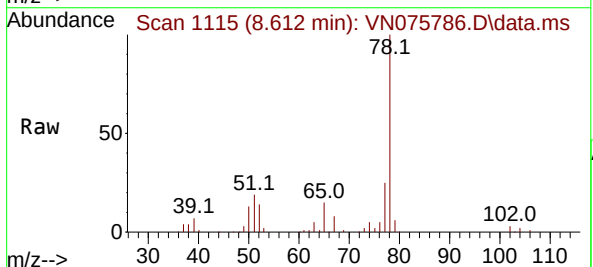
Delta R.T. 0.000 min

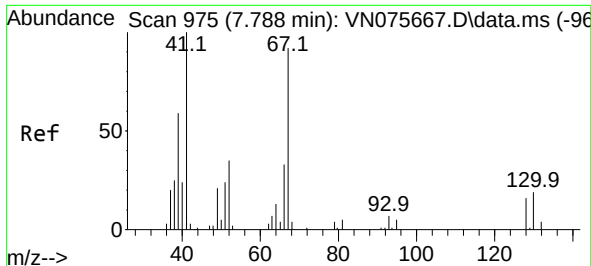
Lab File: VN075786.D

Acq: 14 Dec 2022 23:40

Tgt Ion: 78 Resp: 231923

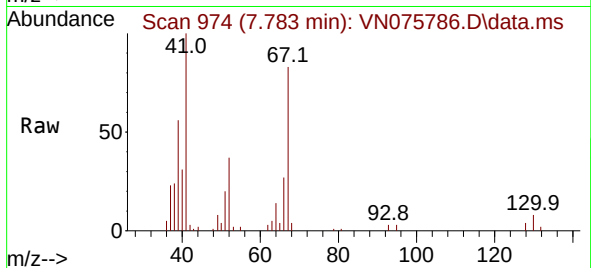
Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.5	27.7





#41
Methacrylonitrile
Concen: 19.104 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

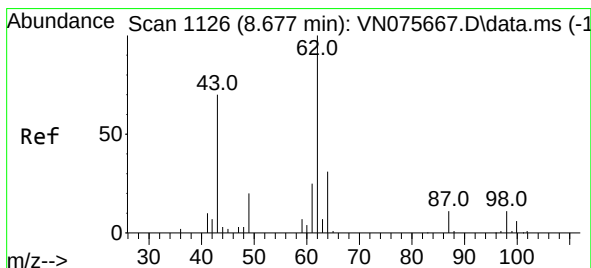
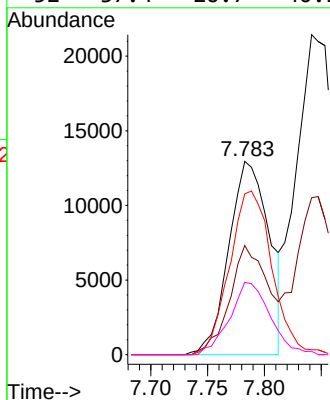
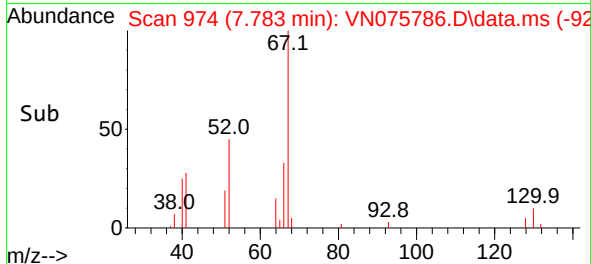
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion: 41 Resp: 3203
Ion Ratio Lower Upper
41 100
39 53.9 43.1 64.7
67 89.0 70.7 106.1
52 37.4 26.7 40.1

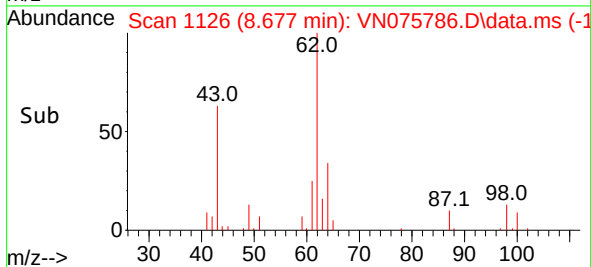
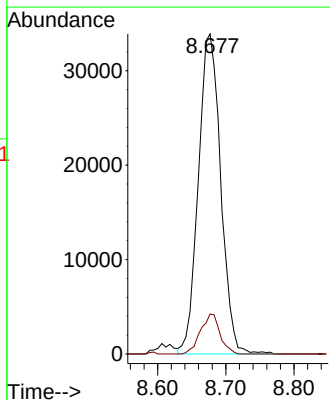
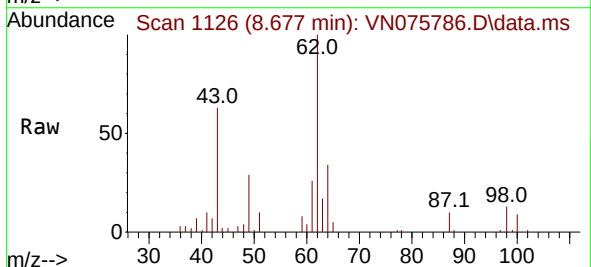
Manual Integrations
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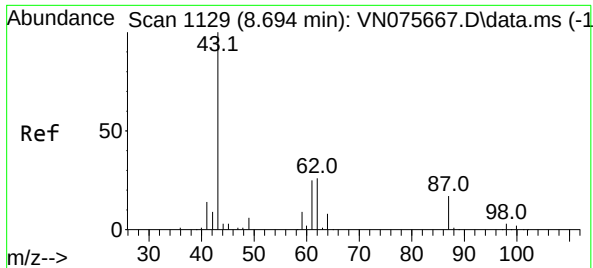
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#42
1,2-Dichloroethane
Concen: 18.826 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

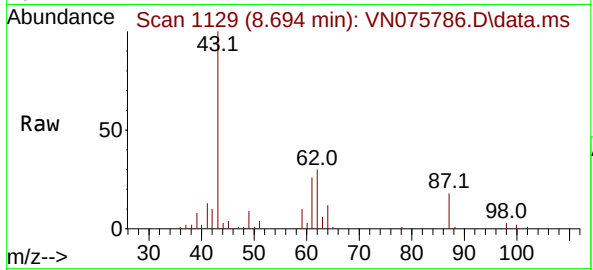
Tgt Ion: 62 Resp: 77549
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.8





#43
Isopropyl Acetate
Concen: 19.443 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

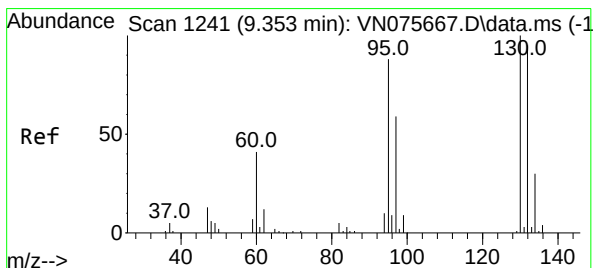
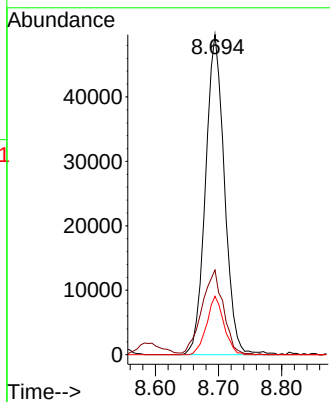
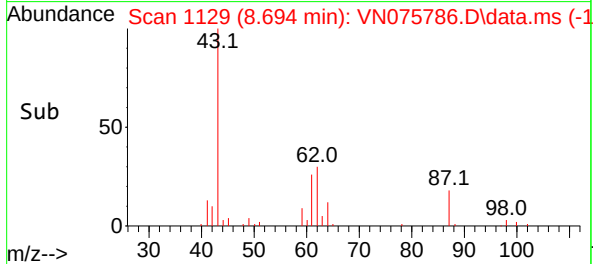
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



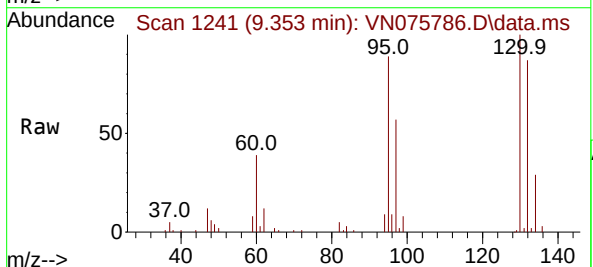
Tgt Ion: 43 Resp: 103460
Ion Ratio Lower Upper
43 100
61 30.3 24.2 36.4
87 16.6 13.3 19.9

Manual Integrations
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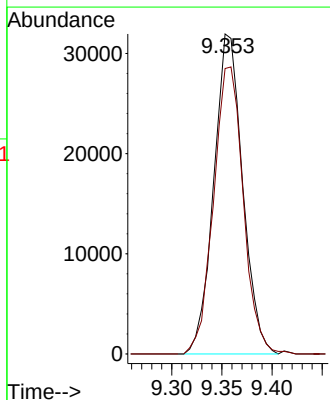
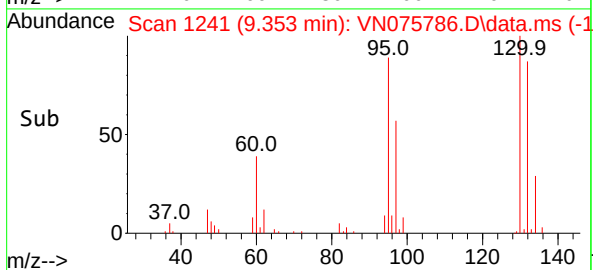
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

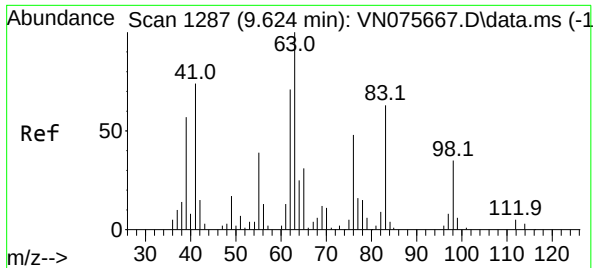


#44
Trichloroethene
Concen: 18.278 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40



Tgt Ion:130 Resp: 63802
Ion Ratio Lower Upper
130 100
95 89.2 0.0 195.4





#45

1,2-Dichloropropane

Concen: 18.730 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075786.D

Acq: 14 Dec 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

Tgt Ion: 63 Resp: 56474

Ion Ratio Lower Upper

63 100

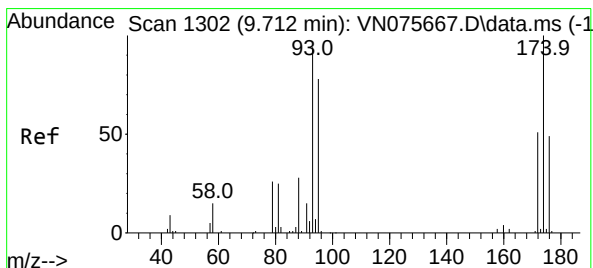
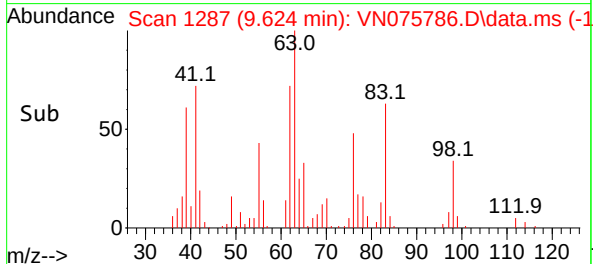
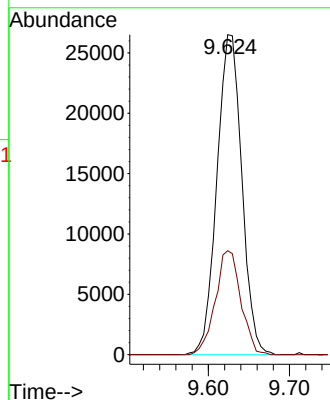
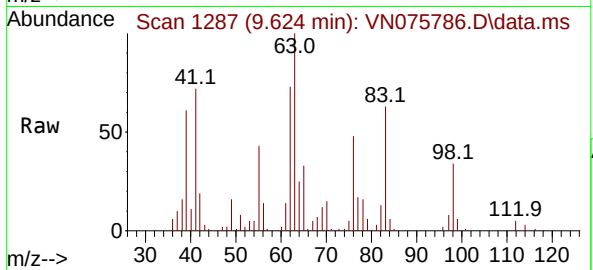
65 32.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 18.661 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075786.D

Acq: 14 Dec 2022 23:40

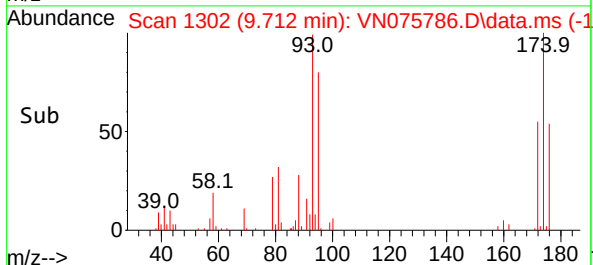
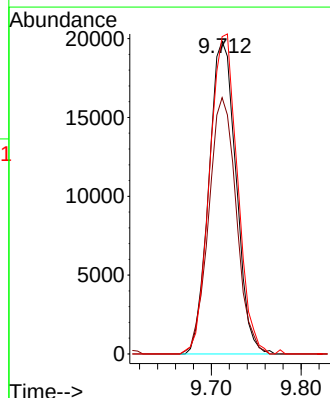
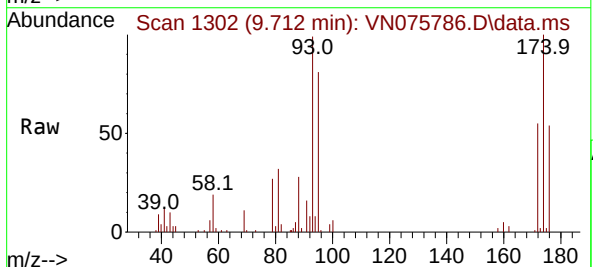
Tgt Ion: 93 Resp: 41731

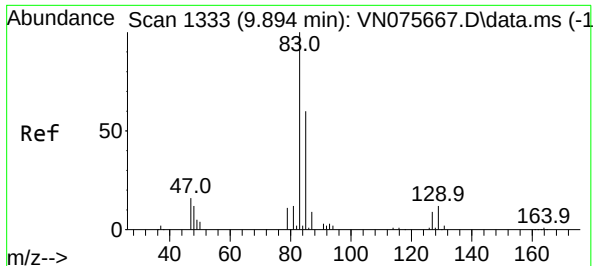
Ion Ratio Lower Upper

93 100

95 83.2 65.2 97.8

174 104.6 82.4 123.6





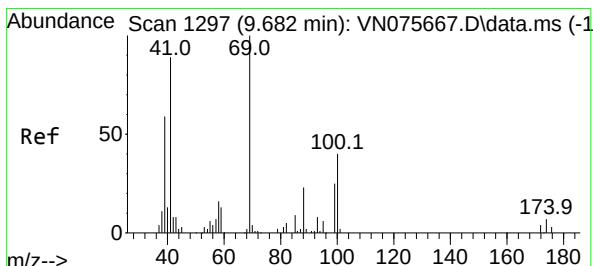
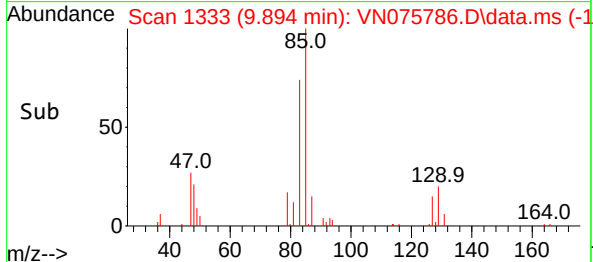
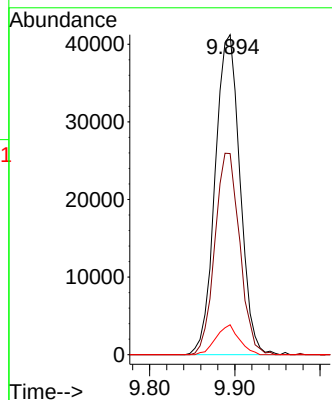
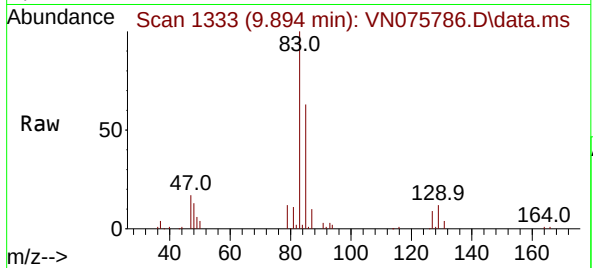
#47
Bromodichloromethane
Concen: 19.068 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion: 83 Resp: 8362
Ion Ratio Lower Upper
83 100
85 62.9 51.5 77.3
127 9.4 6.6 10.0

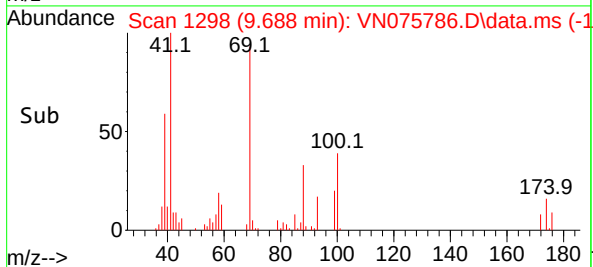
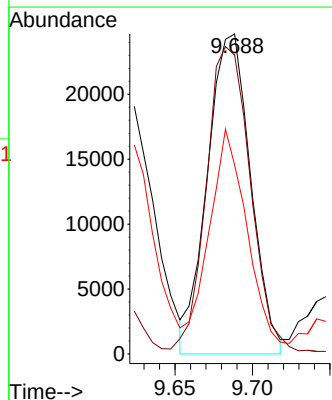
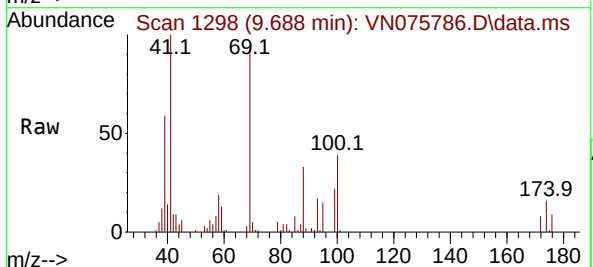
Manual Integrations
APPROVED

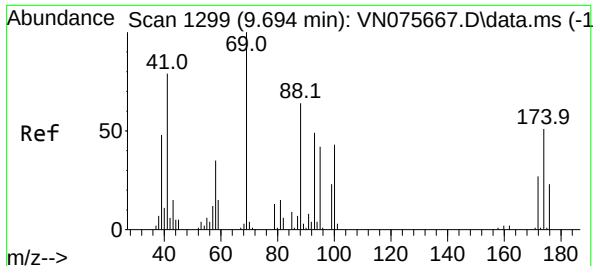
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#48
Methyl methacrylate
Concen: 19.926 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Tgt Ion: 41 Resp: 47754
Ion Ratio Lower Upper
41 100
69 98.8 81.9 122.9
39 63.6 51.6 77.4





#49

1,4-Dioxane

Concen: 358.192 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075786.D

Acq: 14 Dec 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

Tgt Ion: 88 Resp: 21104

Ion Ratio Lower Upper

88 100

43 21.6 17.1 25.7

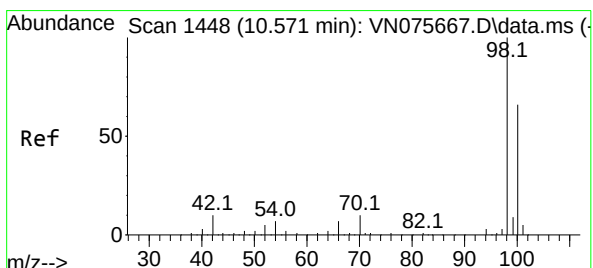
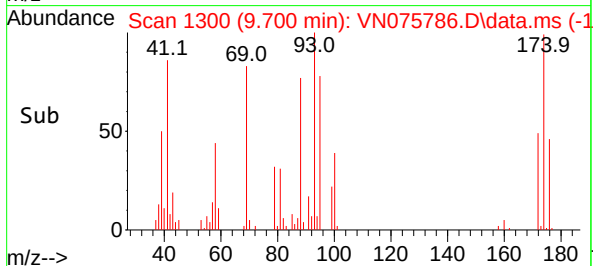
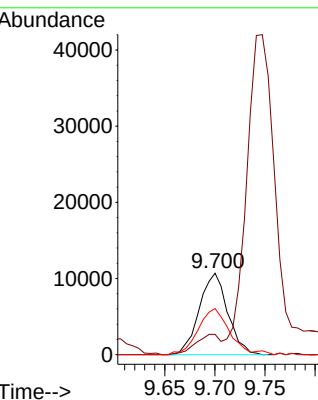
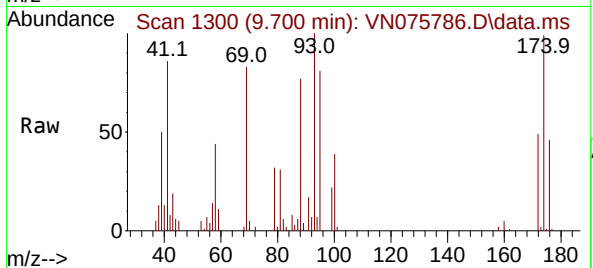
58 62.7 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 49.426 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075786.D

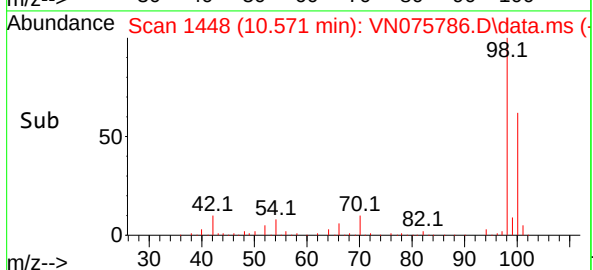
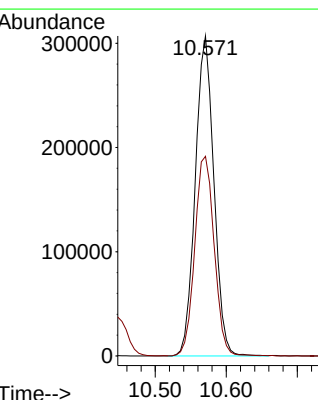
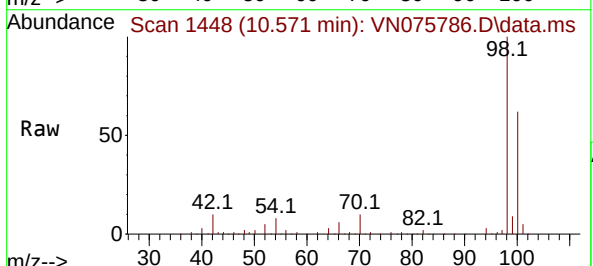
Acq: 14 Dec 2022 23:40

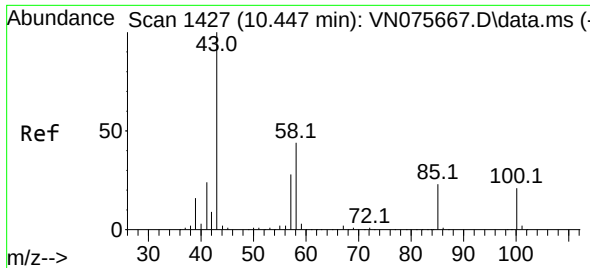
Tgt Ion: 98 Resp: 558657

Ion Ratio Lower Upper

98 100

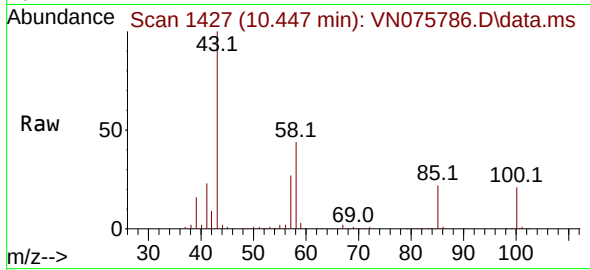
100 65.1 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 98.263 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

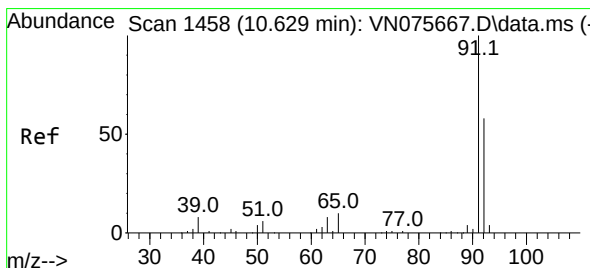
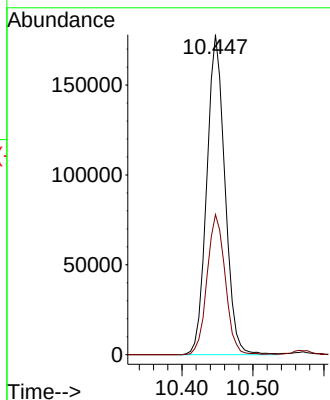
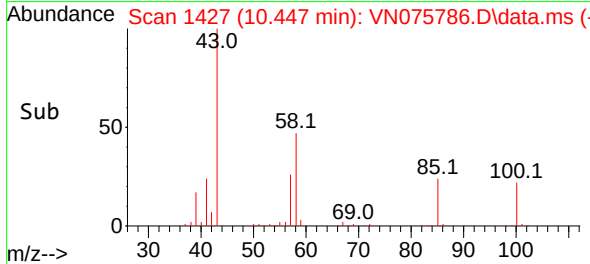
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion: 43 Resp: 316200
Ion Ratio Lower Upper
43 100
58 43.8 35.5 53.3

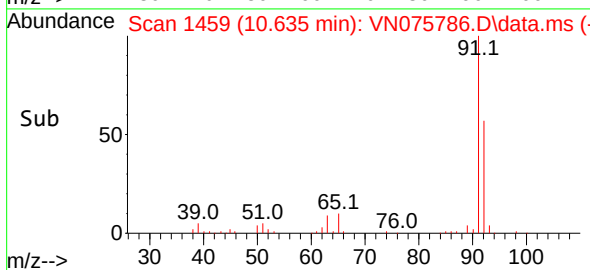
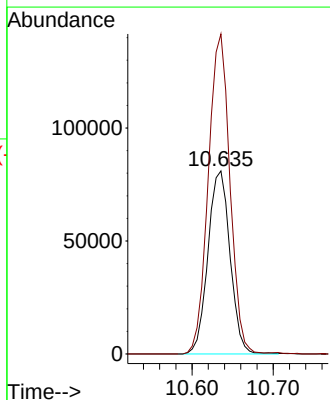
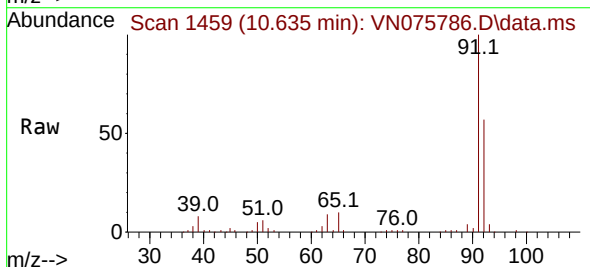
Manual Integrations
APPROVED

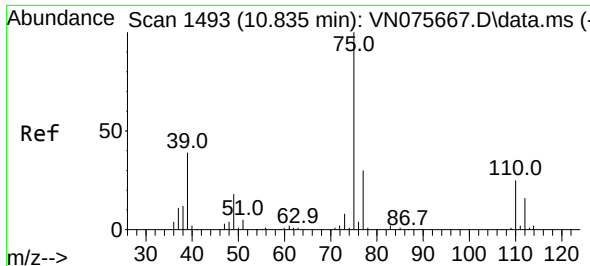
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#52
Toluene
Concen: 18.972 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

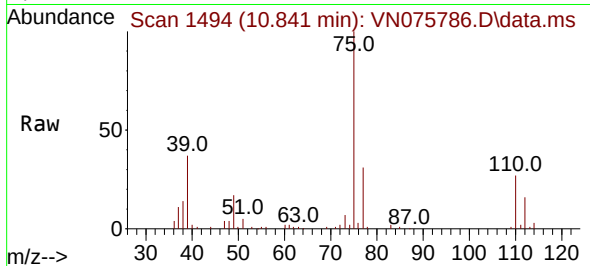
Tgt Ion: 92 Resp: 153093
Ion Ratio Lower Upper
92 100
91 171.2 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 18.379 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075786.D
 Acq: 14 Dec 2022 23:40

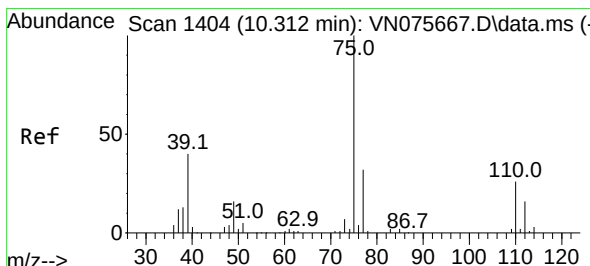
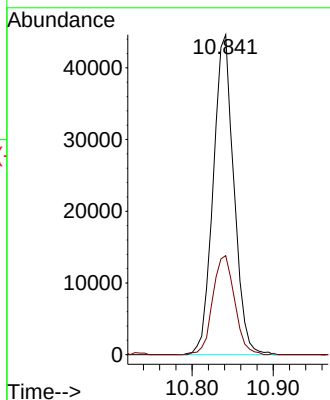
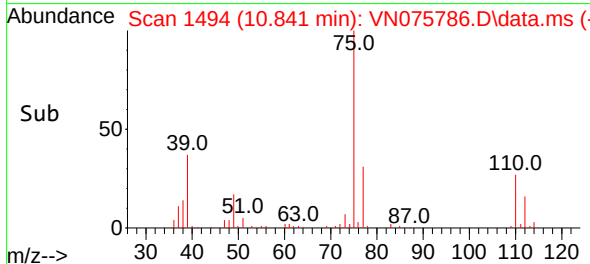
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS02



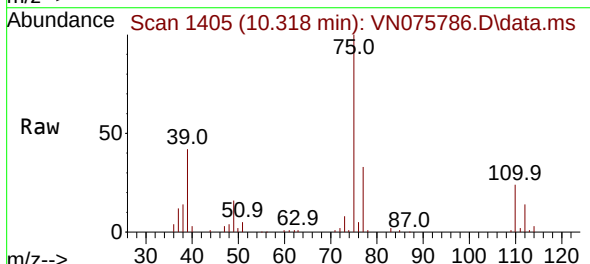
Tgt Ion: 75 Resp: 78898
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.9 37.3

Manual Integrations
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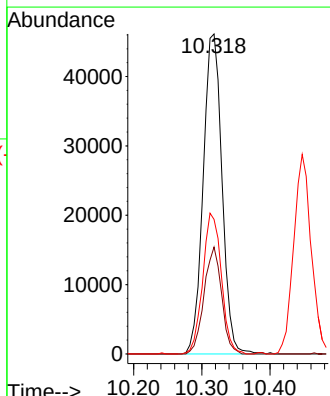
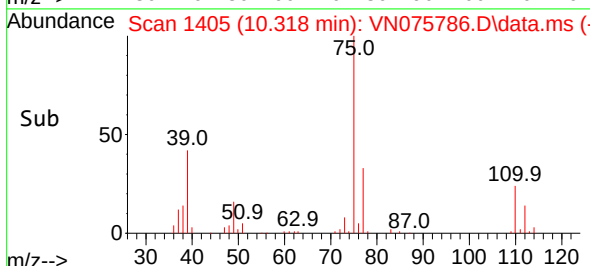
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

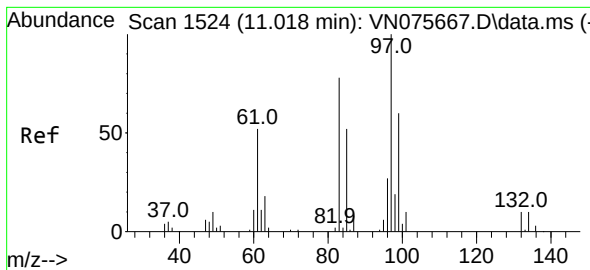


#54
 cis-1,3-Dichloropropene
 Concen: 18.808 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075786.D
 Acq: 14 Dec 2022 23:40



Tgt Ion: 75 Resp: 88651
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.8 38.8
 39 42.1 33.4 50.2





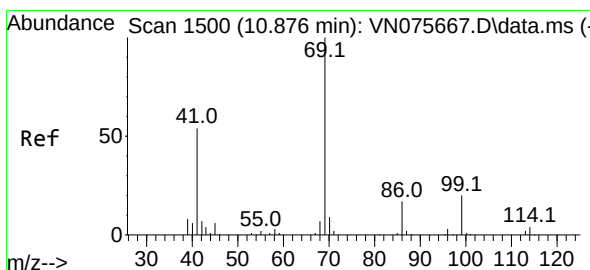
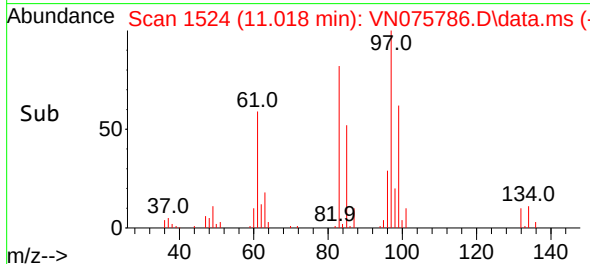
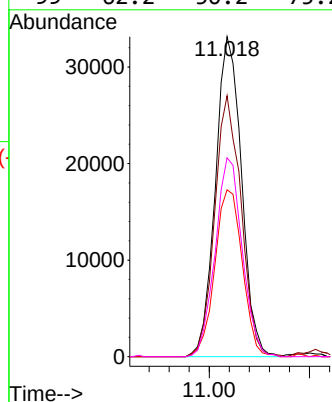
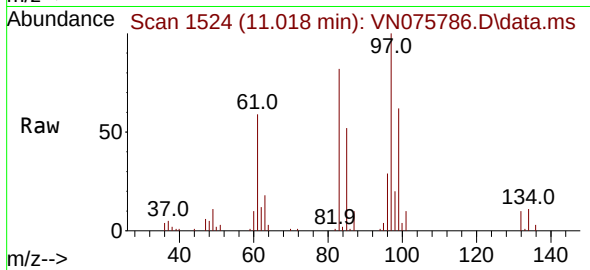
#55
1,1,2-Trichloroethane
Concen: 18.893 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion: 97	Resp: 59839
Ion Ratio	Lower Upper
97 100	
83 81.5	65.0 97.4
85 52.1	43.0 64.6
99 62.2	50.2 75.2

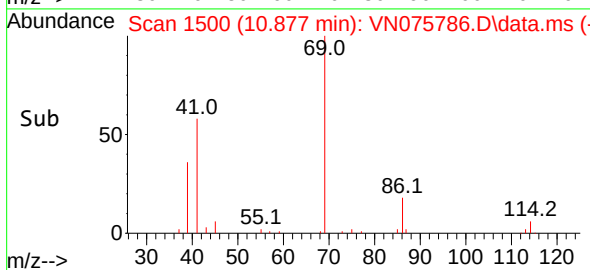
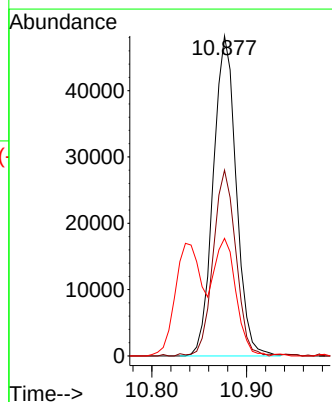
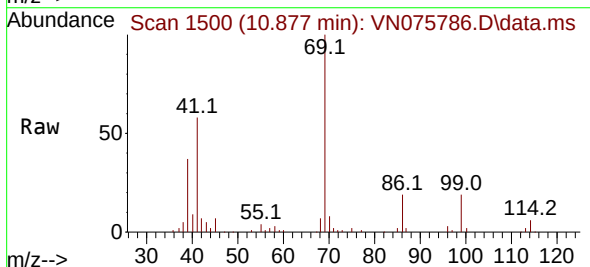
Manual Integrations
APPROVED

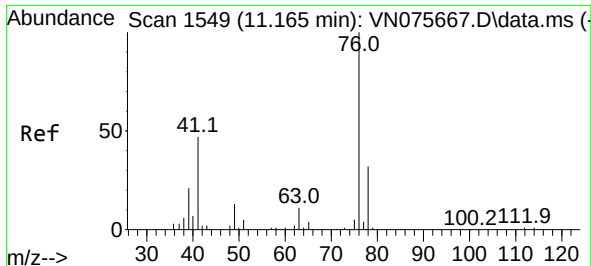
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#56
Ethyl methacrylate
Concen: 19.292 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Tgt Ion: 69	Resp: 81164
Ion Ratio	Lower Upper
69 100	
41 57.8	44.2 66.4
39 35.0	26.4 39.6





#57

1,3-Dichloropropane

Concen: 18.904 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075786.D

Acq: 14 Dec 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

Tgt Ion: 76 Resp: 9821

Ion Ratio Lower Upper

76 100

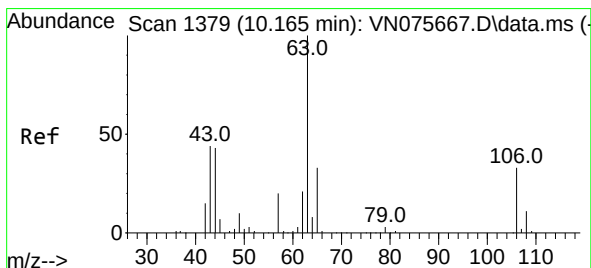
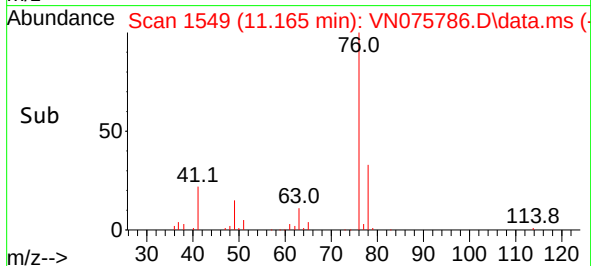
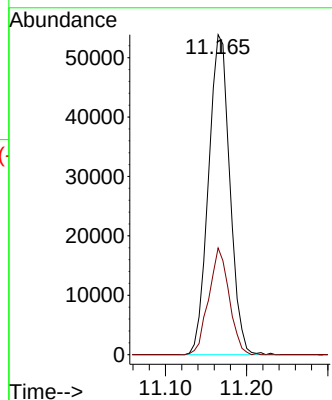
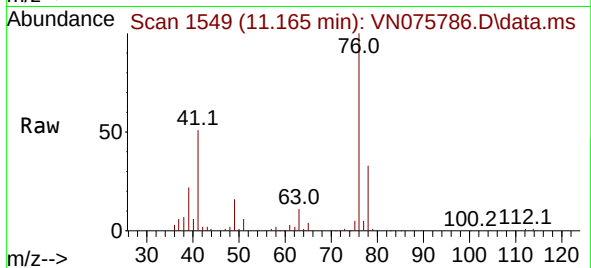
78 31.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 65.472 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075786.D

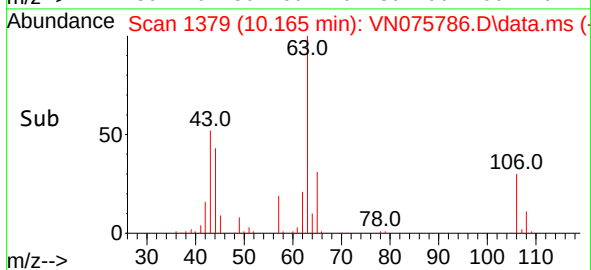
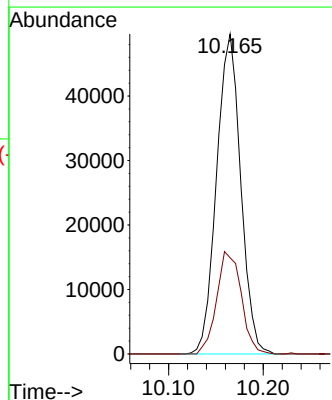
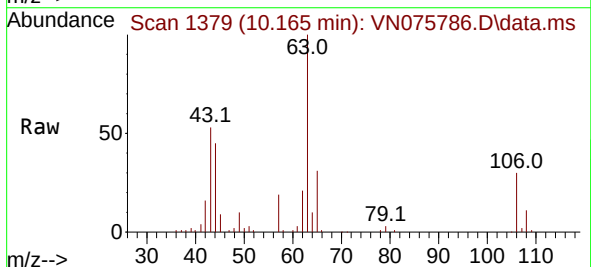
Acq: 14 Dec 2022 23:40

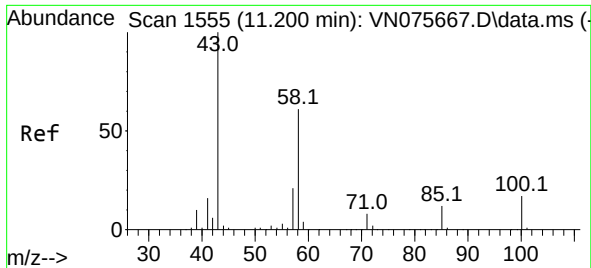
Tgt Ion: 63 Resp: 87696

Ion Ratio Lower Upper

63 100

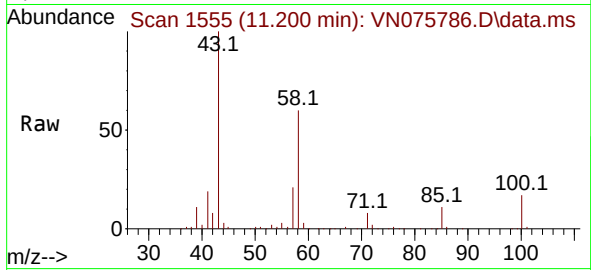
106 32.6 26.4 39.6





#59
2-Hexanone
Concen: 94.781 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

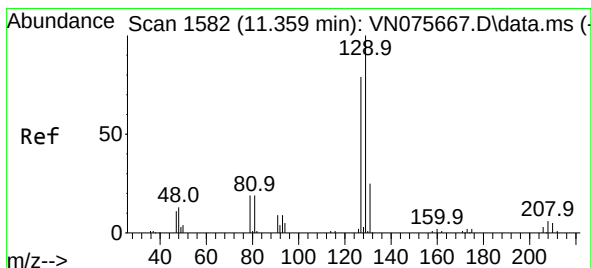
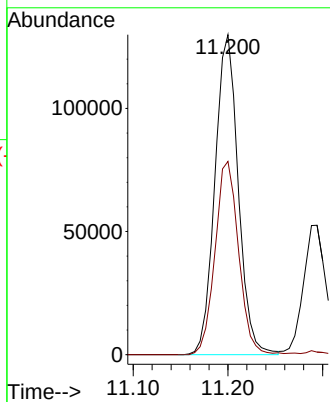
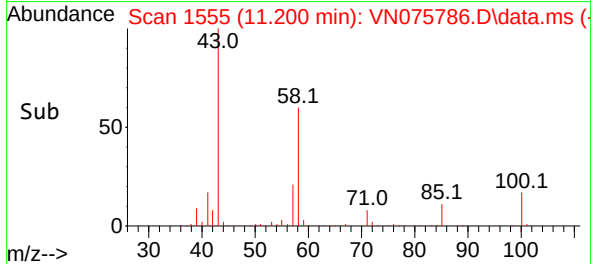
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion: 43 Resp: 222428
Ion Ratio Lower Upper
43 100
58 61.2 30.6 92.0

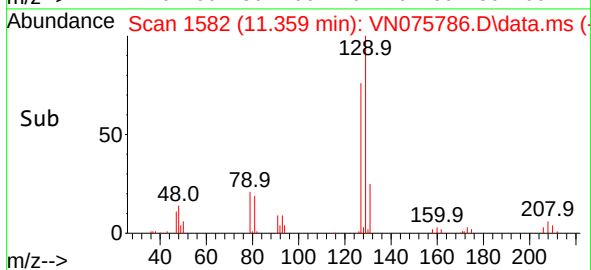
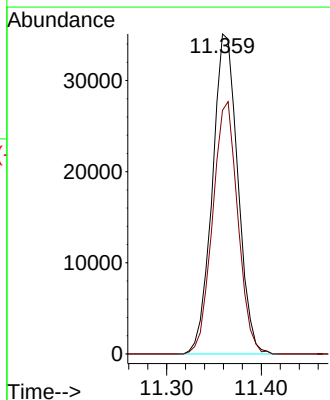
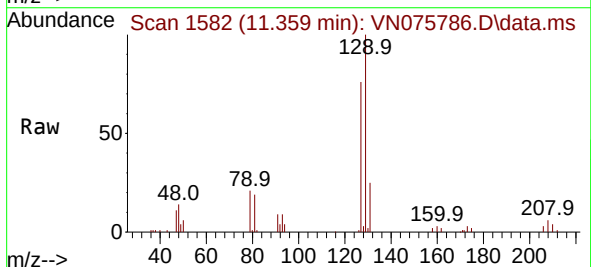
Manual Integrations
APPROVED

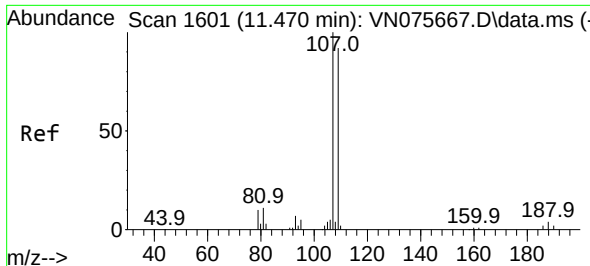
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#60
Dibromochloromethane
Concen: 18.636 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Tgt Ion:129 Resp: 65644
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.9





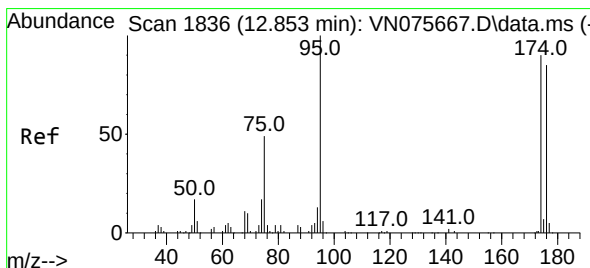
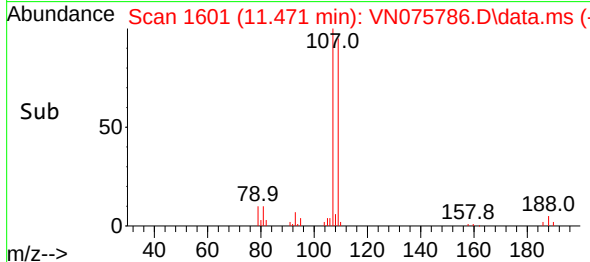
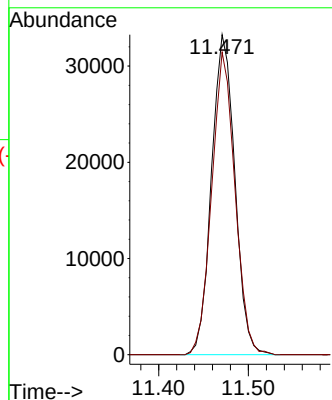
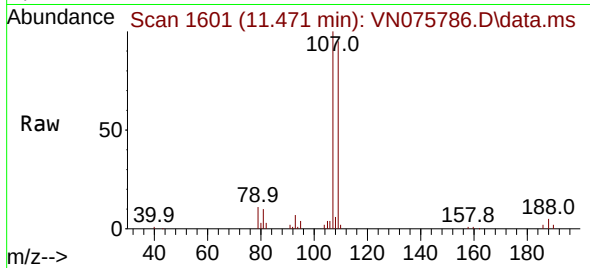
#61
1,2-Dibromoethane
Concen: 18.721 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion:107 Resp: 60000
Ion Ratio Lower Upper
107 100
109 94.4 74.8 112.2

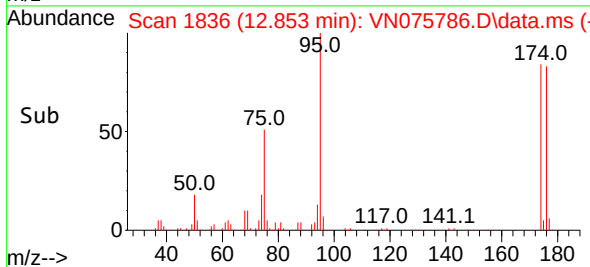
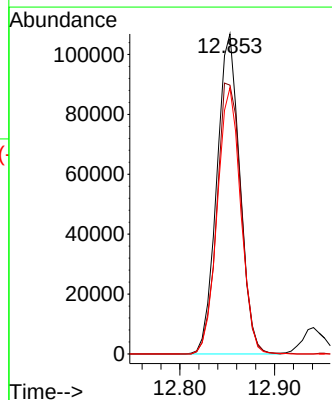
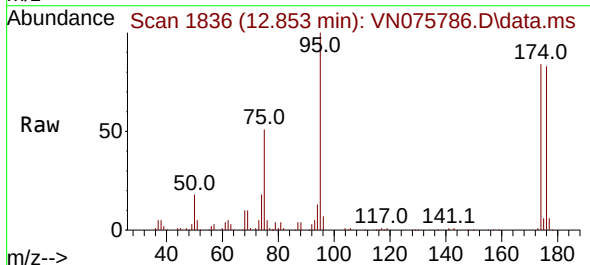
Manual Integrations
APPROVED

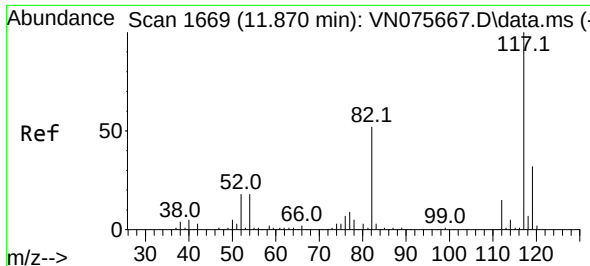
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#62
4-Bromofluorobenzene
Concen: 48.463 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

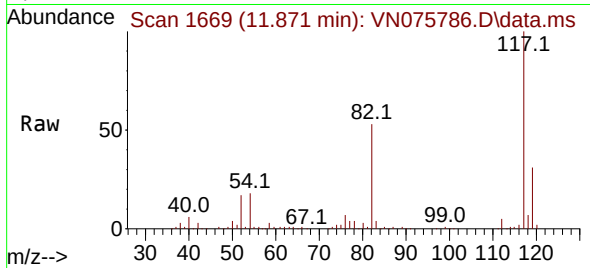
Tgt Ion: 95 Resp: 181428
Ion Ratio Lower Upper
95 100
174 88.6 0.0 171.6
176 84.0 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

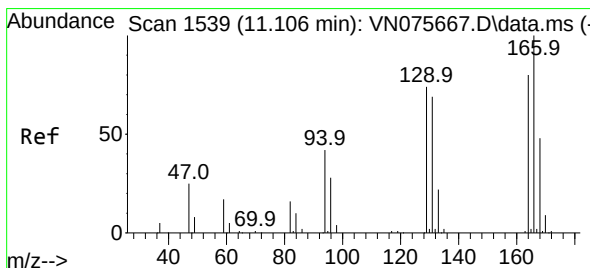
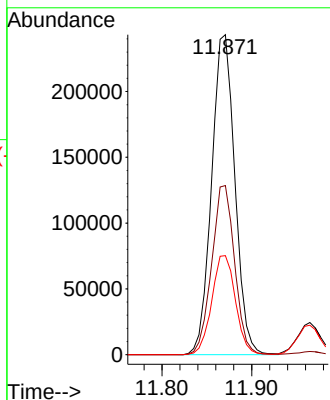
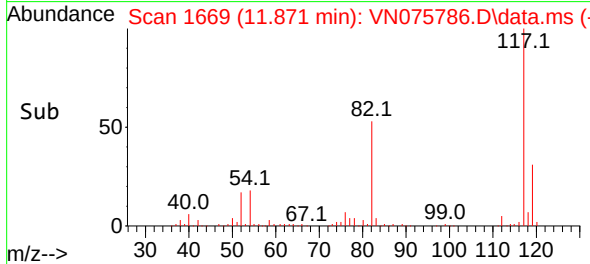
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion:117 Resp: 437993
Ion Ratio Lower Upper
117 100
82 52.9 41.3 61.9
119 30.9 24.6 37.0

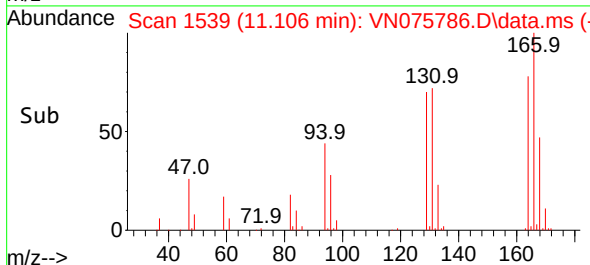
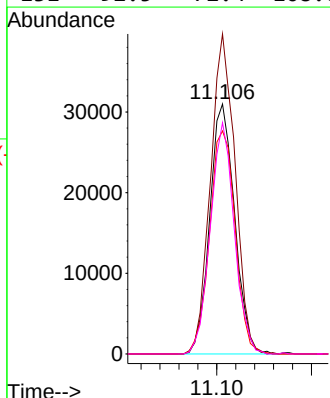
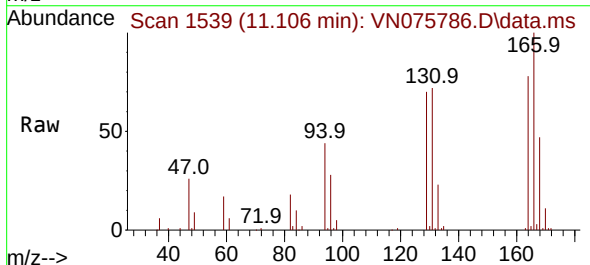
Manual Integrations
APPROVED

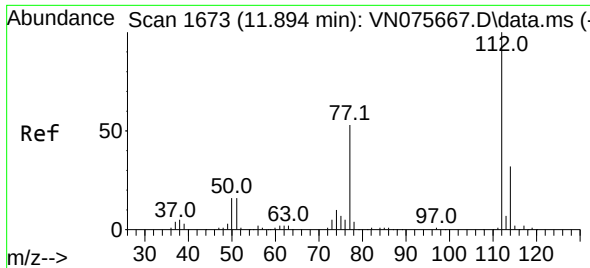
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#64
Tetrachloroethene
Concen: 18.347 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

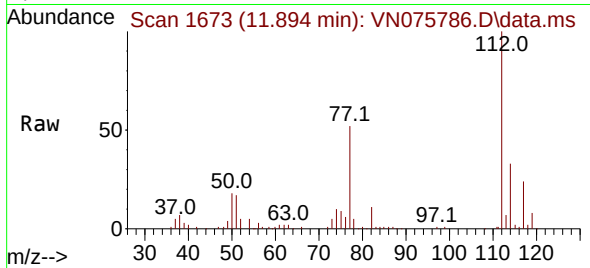
Tgt Ion:164 Resp: 56546
Ion Ratio Lower Upper
164 100
166 128.0 101.9 152.9
129 89.2 74.2 111.2
131 92.5 72.4 108.6





#65
Chlorobenzene
Concen: 18.103 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

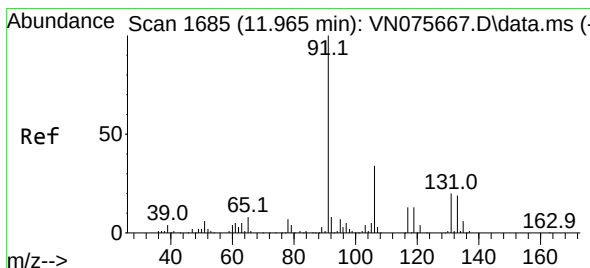
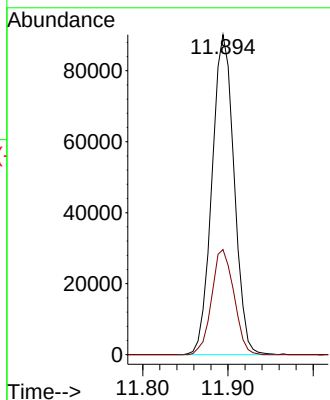
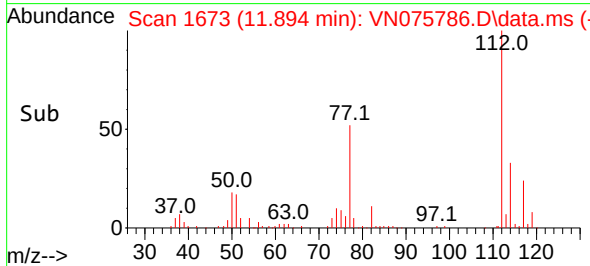
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



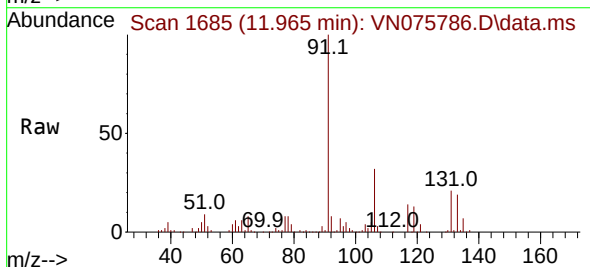
Tgt Ion:112 Resp: 162745
Ion Ratio Lower Upper
112 100
114 32.8 24.7 37.1

Manual Integrations
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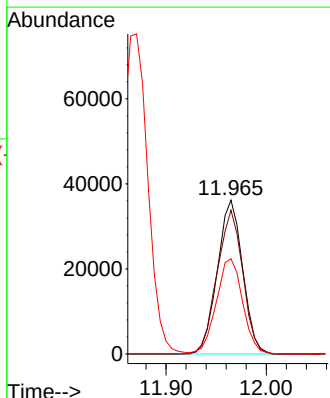
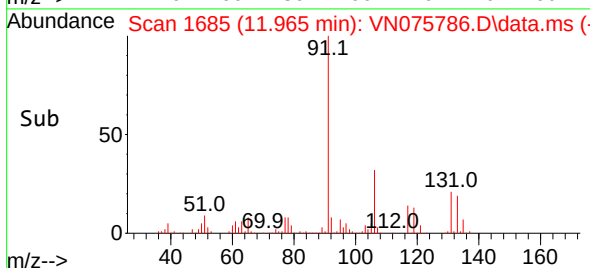
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

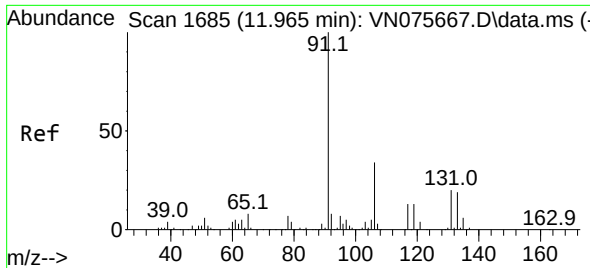


#66
1,1,1,2-Tetrachloroethane
Concen: 18.985 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40



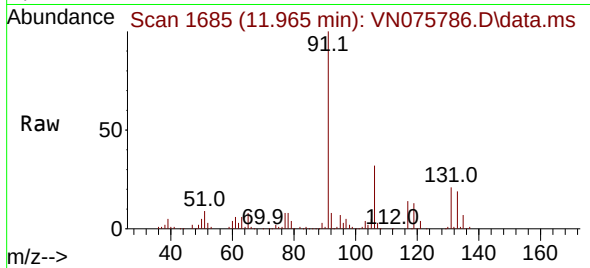
Tgt Ion:131 Resp: 63215
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.5
119 64.4 31.9 95.7





#67
Ethyl Benzene
Concen: 18.941 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

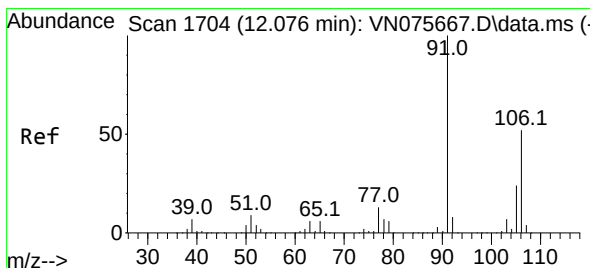
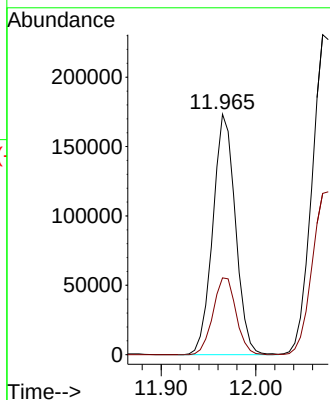
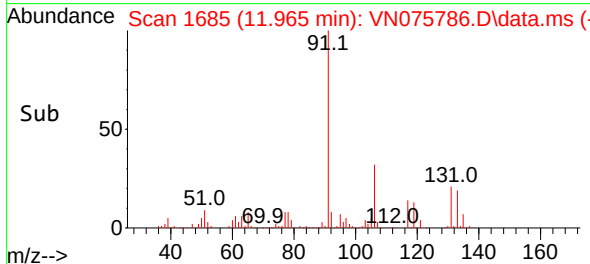
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



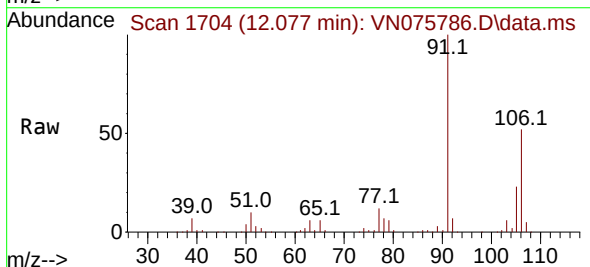
Tgt Ion: 91 Resp: 287380
Ion Ratio Lower Upper
91 100
106 31.9 25.7 38.5

Manual Integrations
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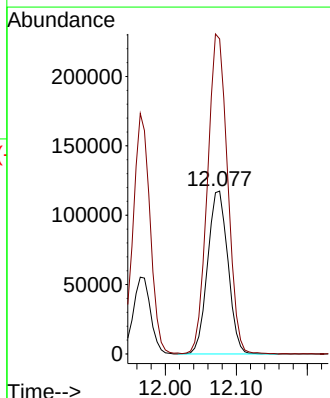
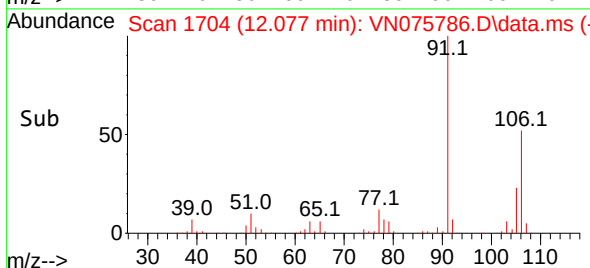
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

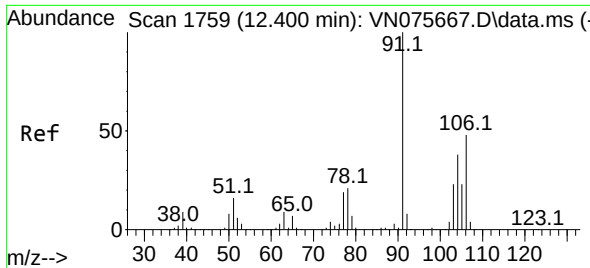


#68
m/p-Xylenes
Concen: 38.790 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40



Tgt Ion:106 Resp: 232944
Ion Ratio Lower Upper
106 100
91 194.4 156.6 235.0





#69

o-Xylene

Concen: 19.572 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN075786.D

Acq: 14 Dec 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

Tgt Ion:106 Resp: 116314

Ion Ratio Lower Upper

106 100

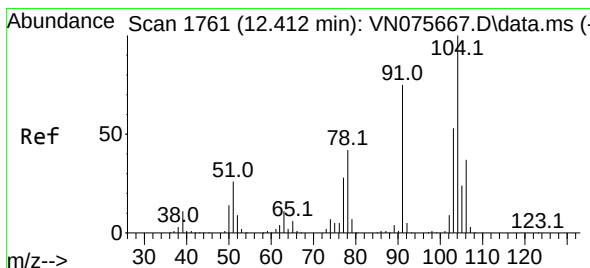
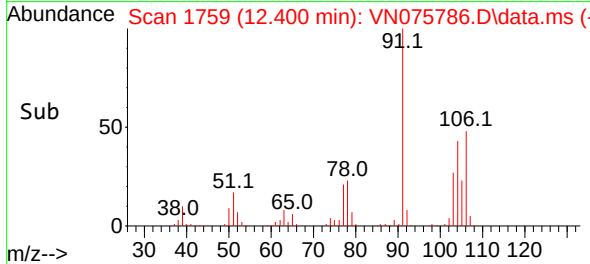
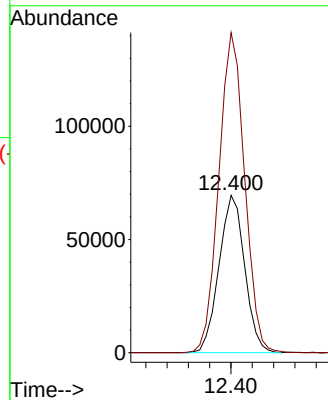
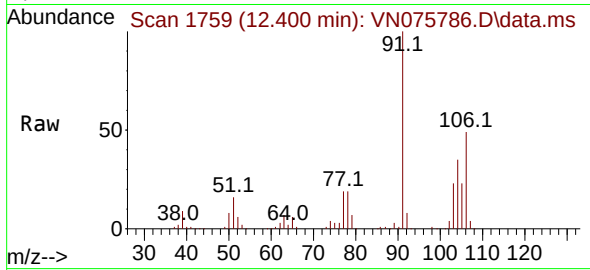
91 204.4 103.8 311.6

Manual Integrations

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#70

Styrene

Concen: 19.218 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VN075786.D

Acq: 14 Dec 2022 23:40

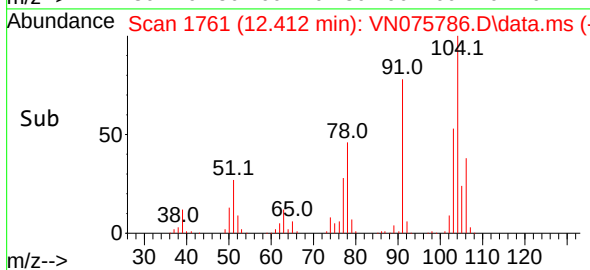
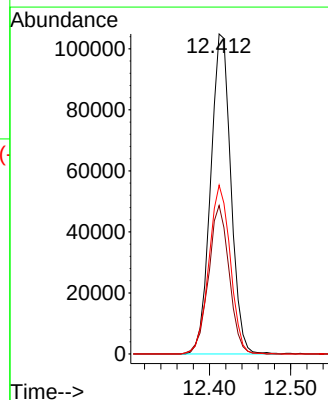
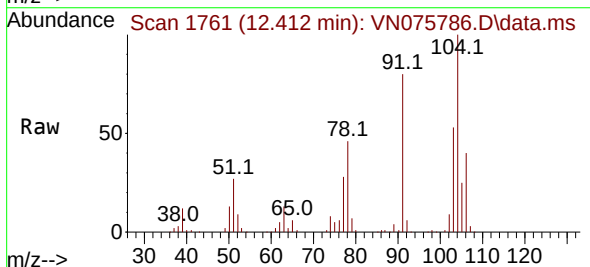
Tgt Ion:104 Resp: 181595

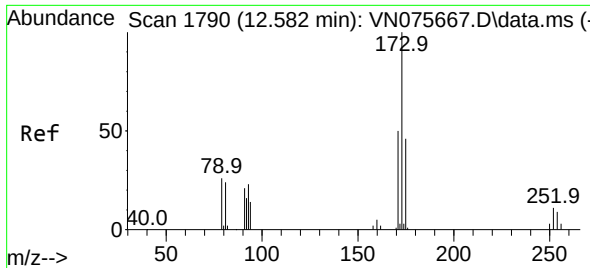
Ion Ratio Lower Upper

104 100

78 47.3 37.5 56.3

103 55.6 43.5 65.3





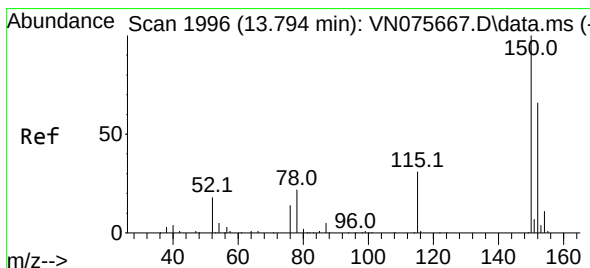
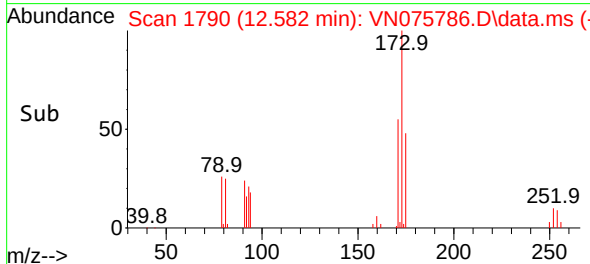
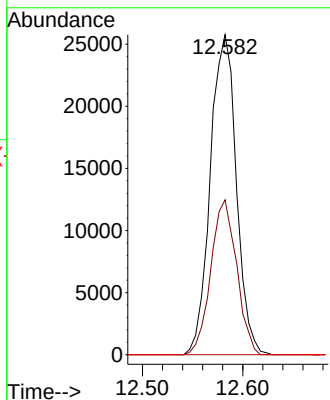
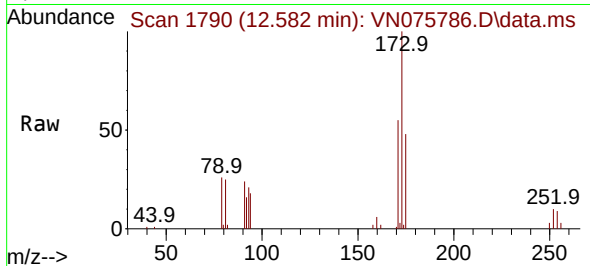
#71
Bromoform
Concen: 19.159 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion:173 Resp: 4642
Ion Ratio Lower Upper
173 100
175 48.0 24.3 72.8
254 0.0 0.0 0.0

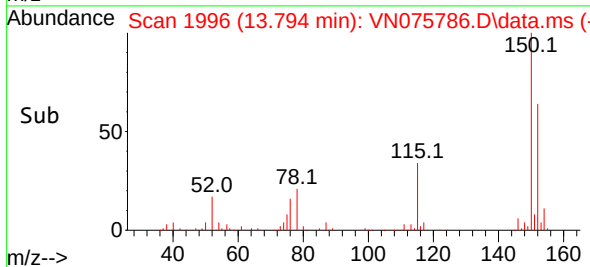
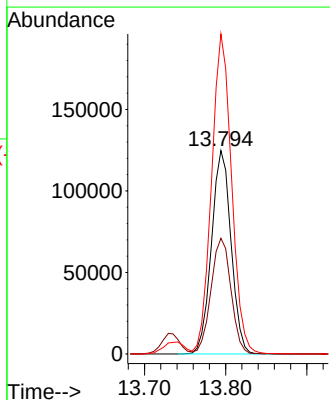
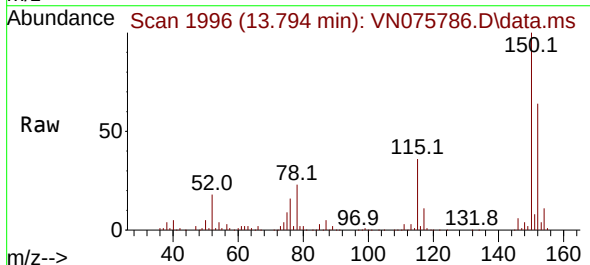
Manual Integrations
APPROVED

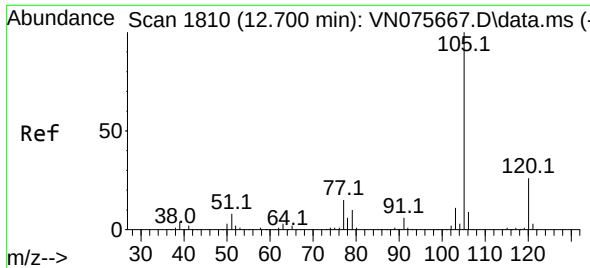
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

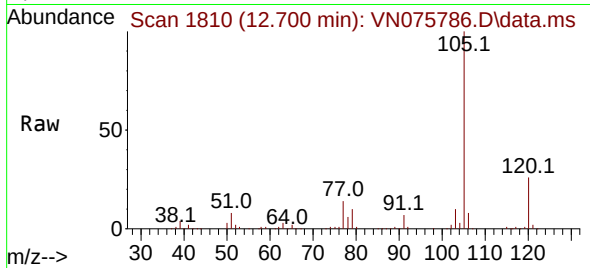
Tgt Ion:152 Resp: 208985
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.4
150 161.0 0.0 347.0





#73
Isopropylbenzene
Concen: 19.557 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

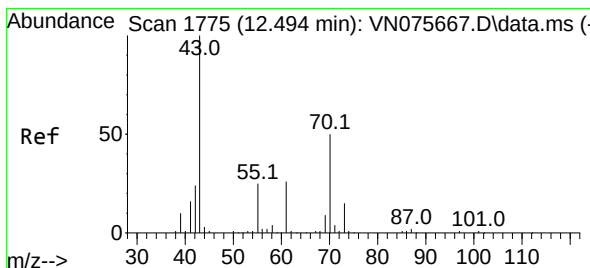
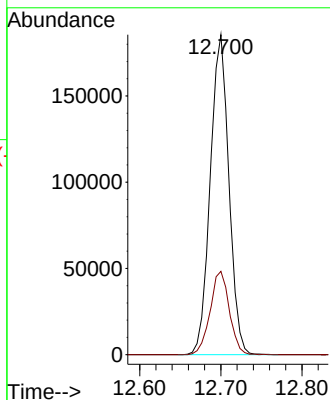
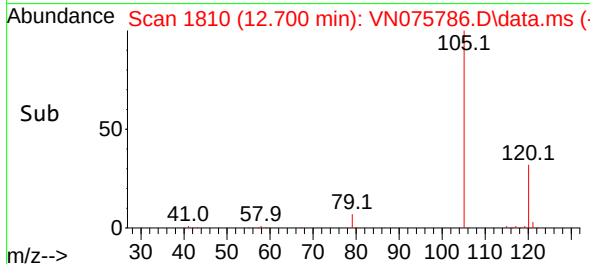
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



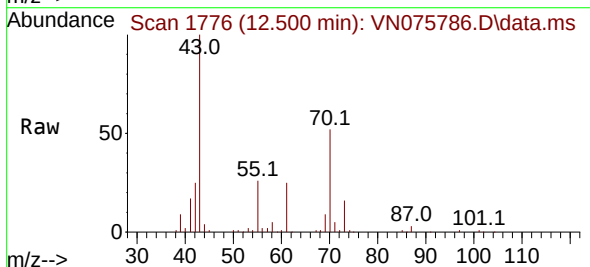
Tgt Ion:105 Resp: 295354
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

Manual Integrations
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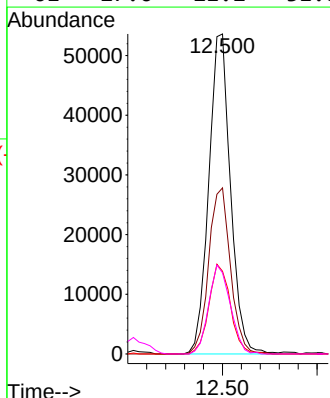
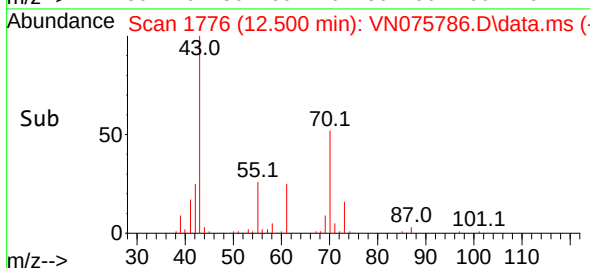
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

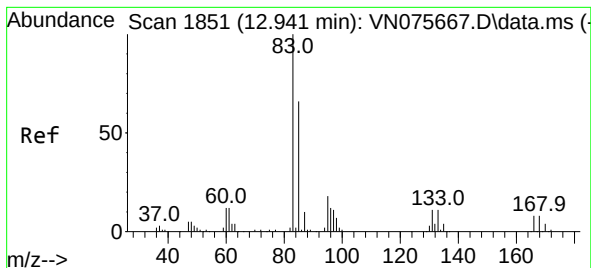


#74
N-ethyl acetate
Concen: 19.318 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40



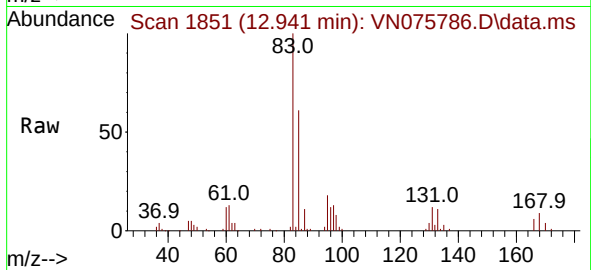
Tgt Ion: 43 Resp: 85588
Ion Ratio Lower Upper
43 100
70 52.1 41.4 62.0
55 27.7 21.3 31.9
61 27.6 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.392 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

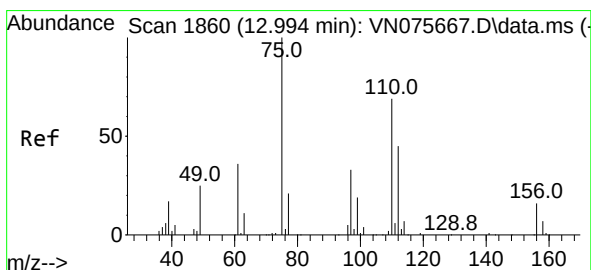
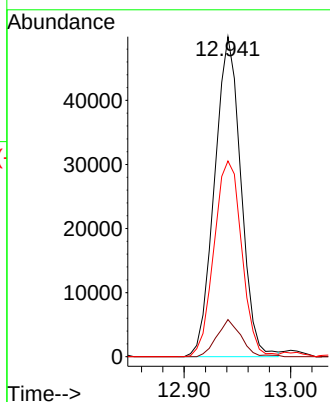
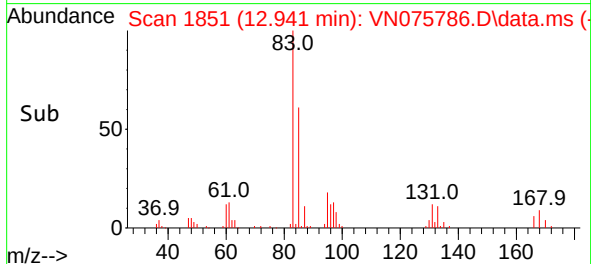
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



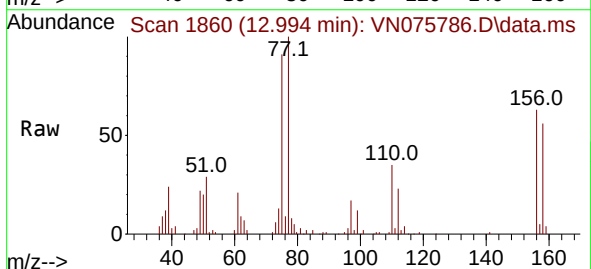
Tgt Ion: 83 Resp: 8586
Ion Ratio Lower Upper
83 100
131 10.7 5.6 16.8
85 64.2 32.6 98.0

Manual Integrations
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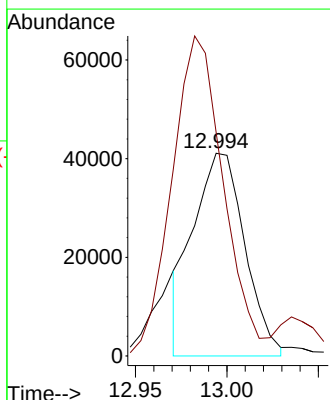
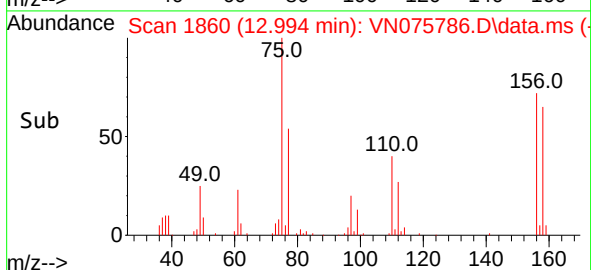
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

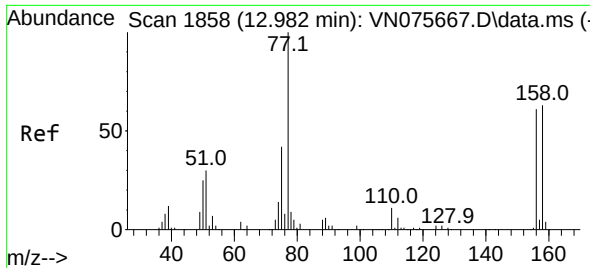


#76
1,2,3-Trichloropropane
Concen: 19.203 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40



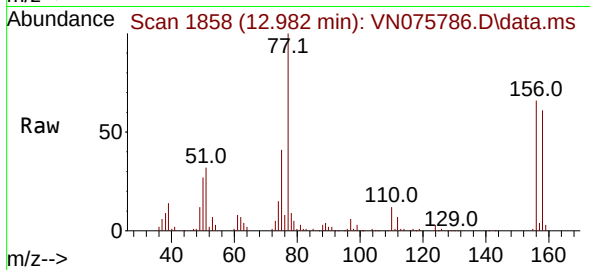
Tgt Ion: 75 Resp: 80897
Ion Ratio Lower Upper
75 100
77 158.1 82.6 247.8





#77
Bromobenzene
Concen: 18.699 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

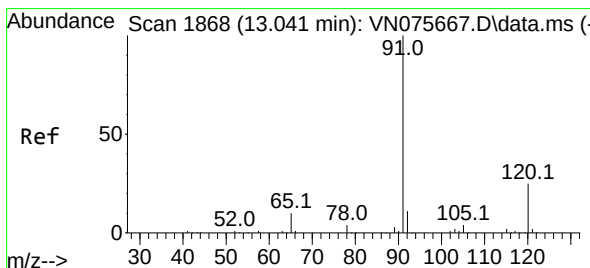
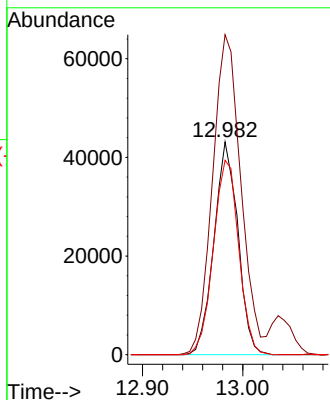
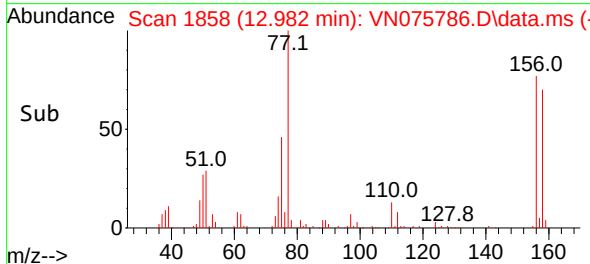
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



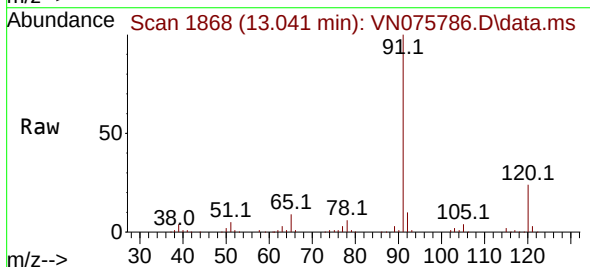
Tgt Ion:156 Resp: 71468
Ion Ratio Lower Upper
156 100
77 179.0 93.8 281.3
158 96.7 48.9 146.6

Manual Integrations
APPROVED

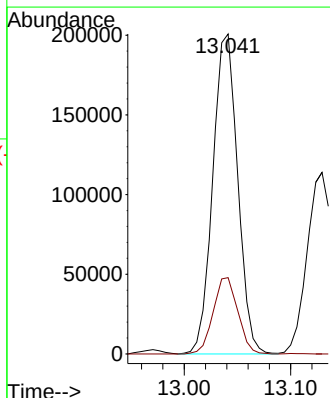
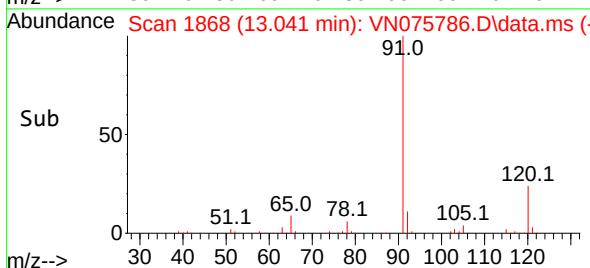
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

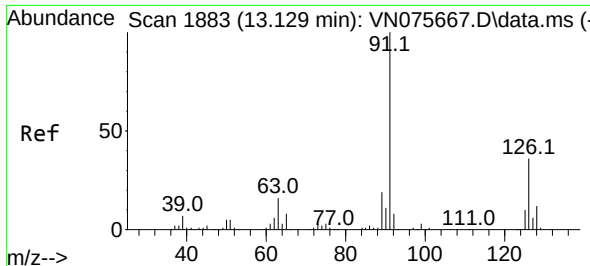


#78
n-propylbenzene
Concen: 19.572 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40



Tgt Ion: 91 Resp: 326013
Ion Ratio Lower Upper
91 100
120 23.6 12.0 36.1





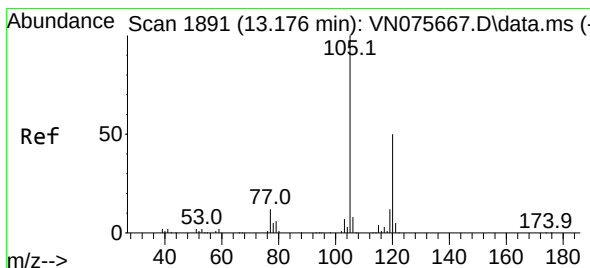
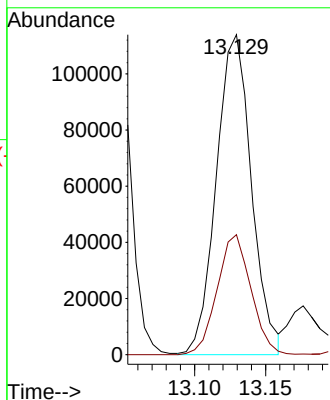
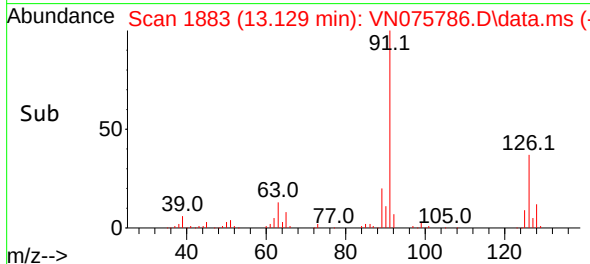
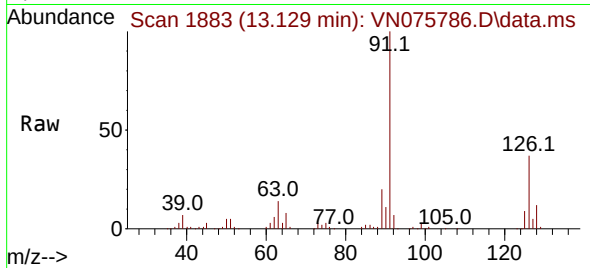
#79
2-Chlorotoluene
Concen: 18.879 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion: 91 Resp: 196297
Ion Ratio Lower Upper
91 100
126 36.1 17.5 52.5

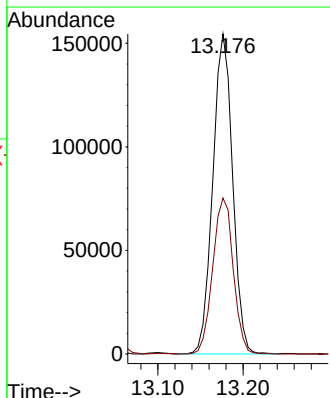
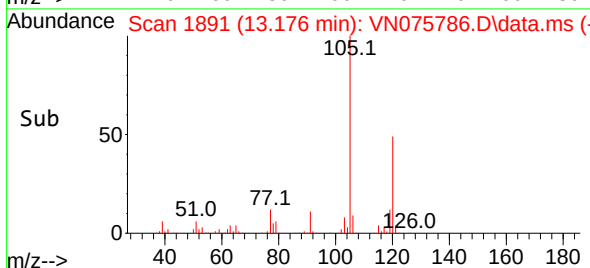
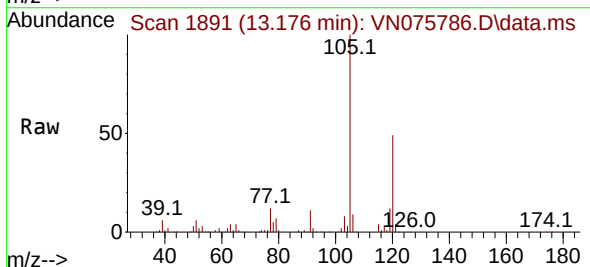
Manual Integrations
APPROVED

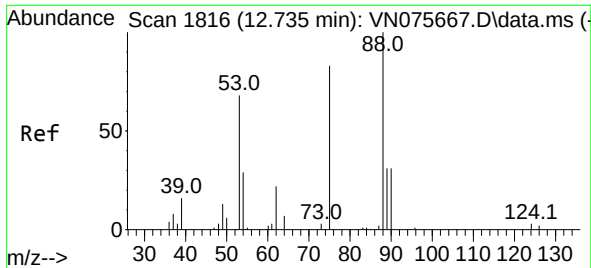
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.750 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

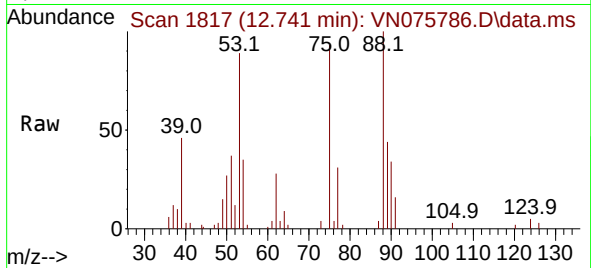
Tgt Ion:105 Resp: 249639
Ion Ratio Lower Upper
105 100
120 50.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 16.635 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

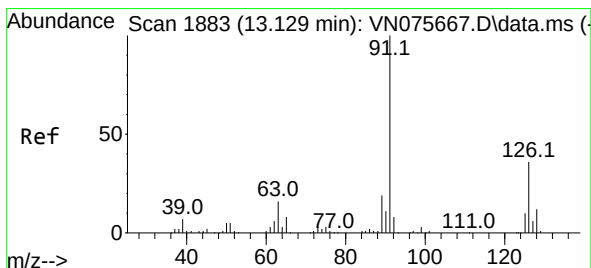
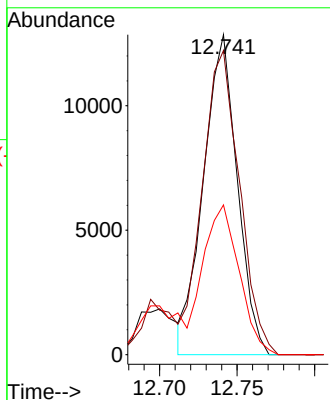
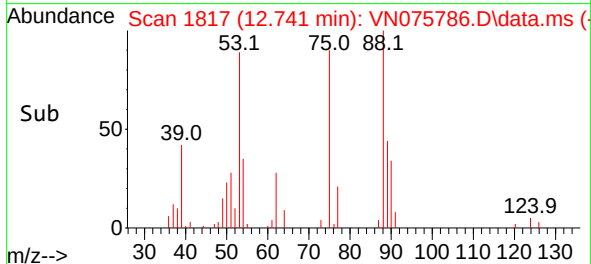
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion: 75 Resp: 19469
Ion Ratio Lower Upper
75 100
53 104.4 73.8 110.6
89 49.7 39.5 59.3

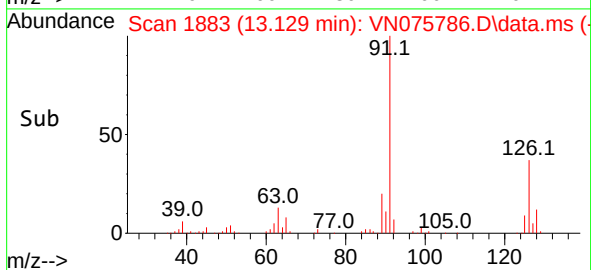
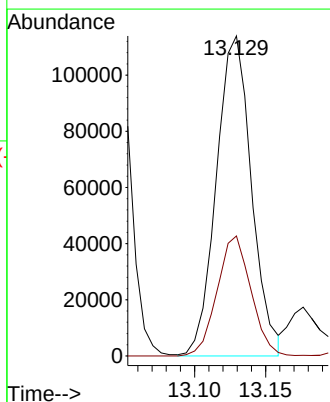
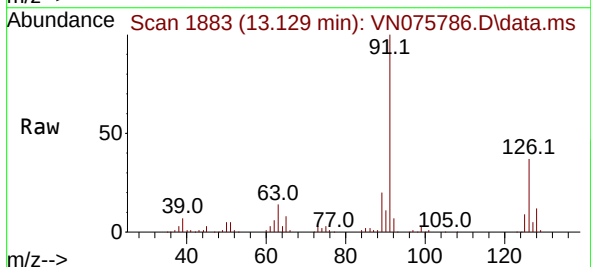
Manual Integrations
APPROVED

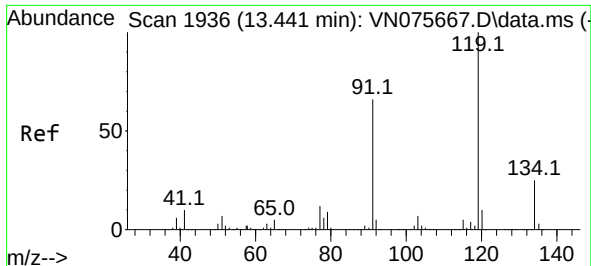
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#82
4-Chlorotoluene
Concen: 18.879 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

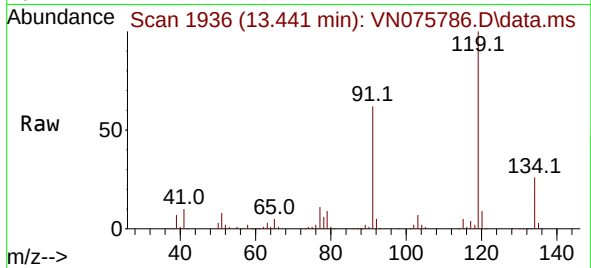
Tgt Ion: 91 Resp: 196297
Ion Ratio Lower Upper
91 100
126 36.1 17.5 52.5





#83
tert-Butylbenzene
Concen: 20.589 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

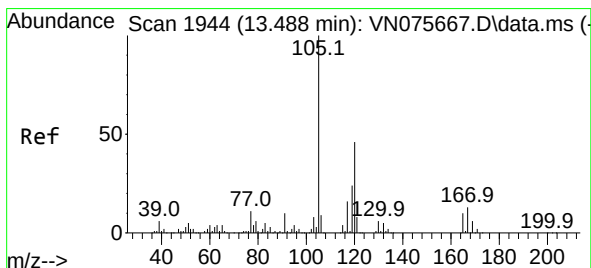
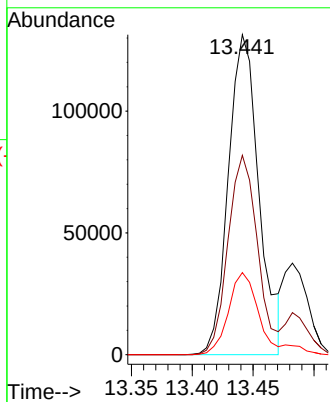
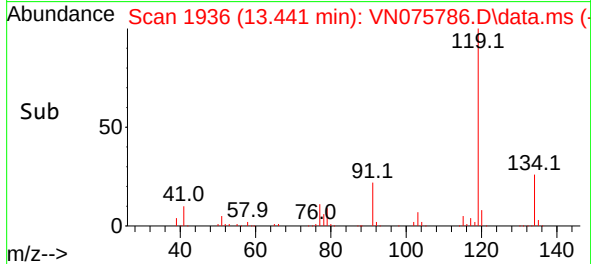
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



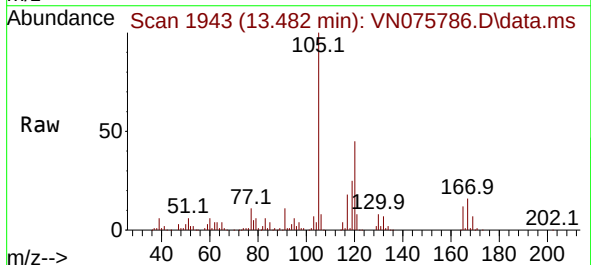
Tgt Ion:119 Resp: 229450
Ion Ratio Lower Upper
119 100
91 60.6 31.9 95.5
134 26.7 13.8 41.4

Manual Integrations
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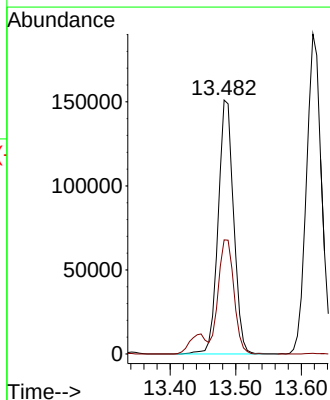
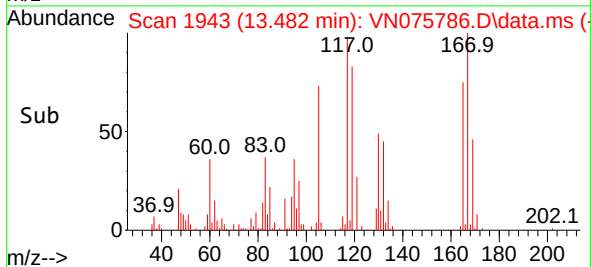
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

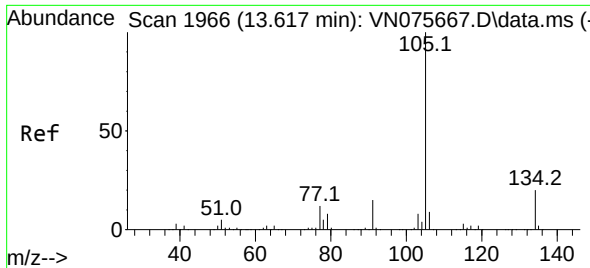


#84
1,2,4-Trimethylbenzene
Concen: 19.648 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40



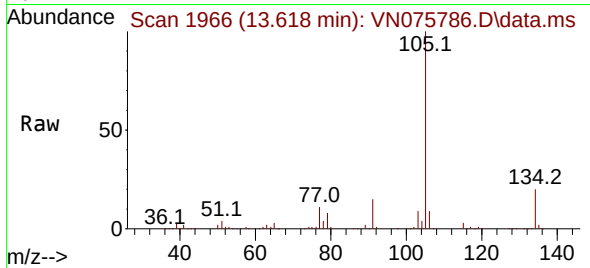
Tgt Ion:105 Resp: 246364
Ion Ratio Lower Upper
105 100
120 45.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 19.626 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075786.D
 Acq: 14 Dec 2022 23:40

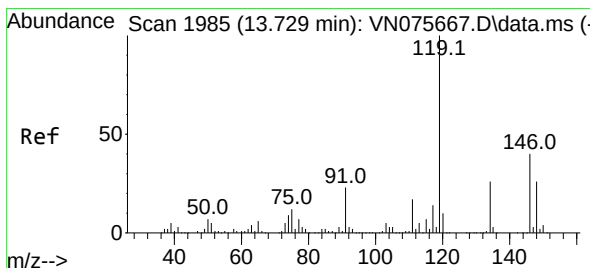
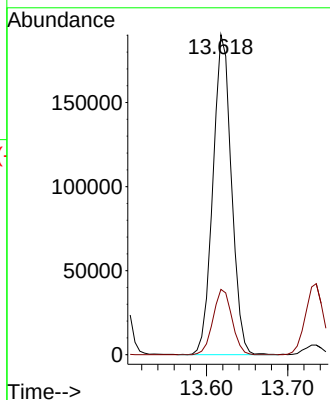
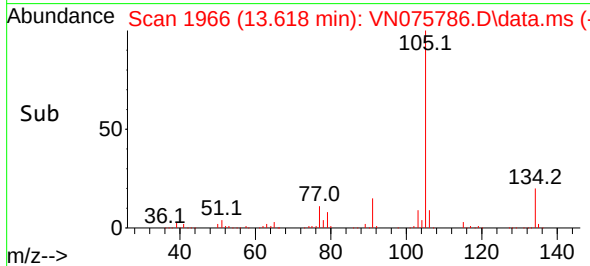
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS02



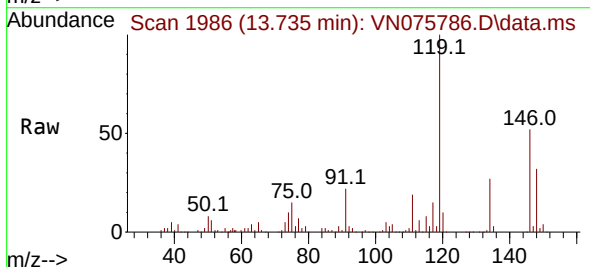
Tgt Ion:105 Resp: 30188
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.1 30.1

Manual Integrations
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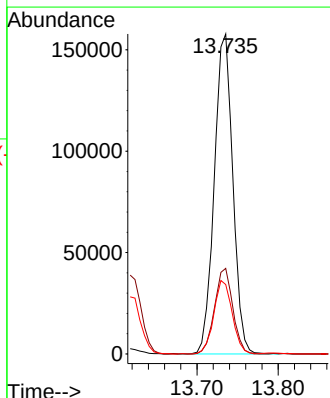
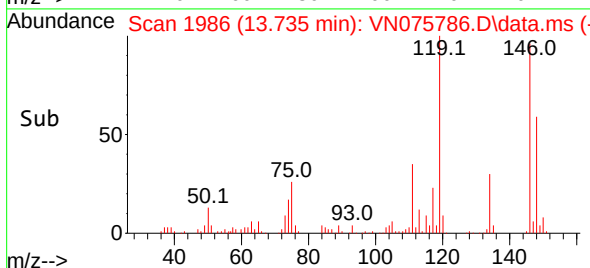
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

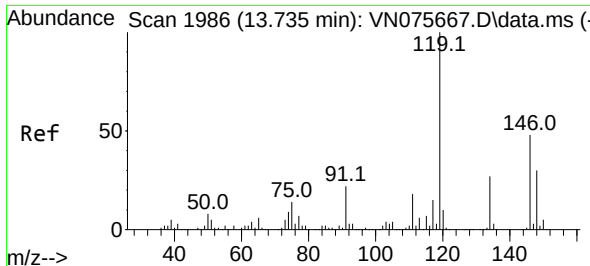


#86
 p-Isopropyltoluene
 Concen: 19.576 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075786.D
 Acq: 14 Dec 2022 23:40



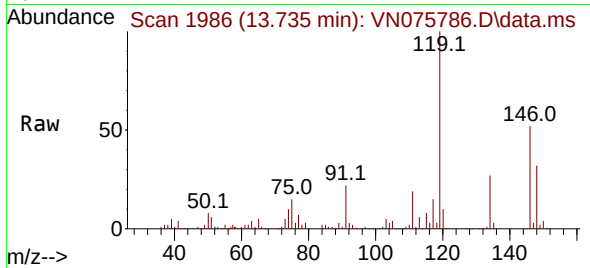
Tgt Ion:119 Resp: 250551
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 22.8 11.2 33.6





#87
 1,3-Dichlorobenzene
 Concen: 18.895 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075786.D
 Acq: 14 Dec 2022 23:40

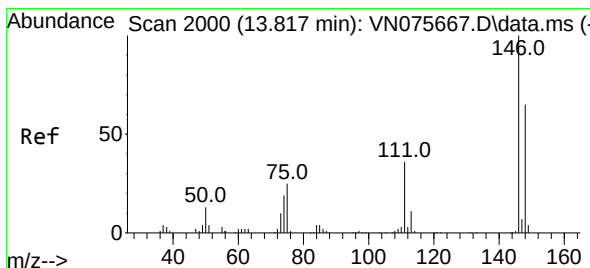
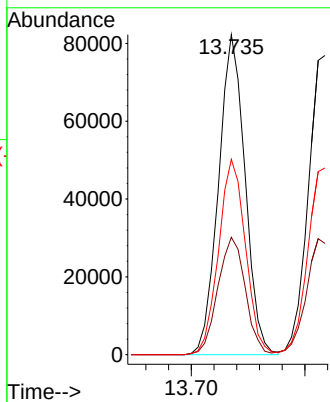
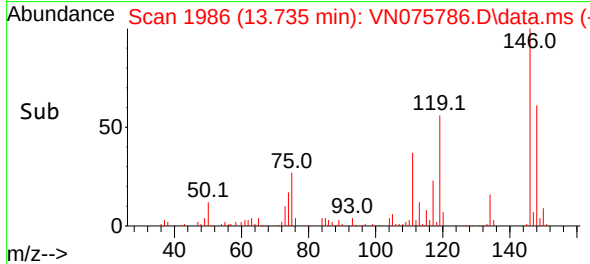
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS02



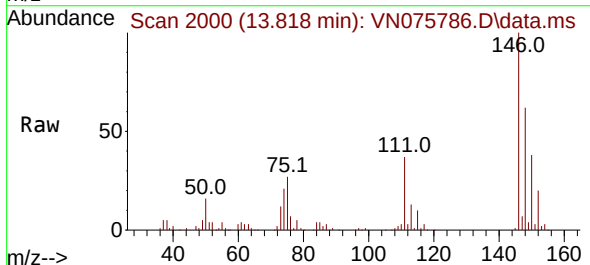
Tgt Ion:146 Resp: 133397
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.7 59.0
 148 62.0 31.4 94.2

Manual Integrations
 APPROVED

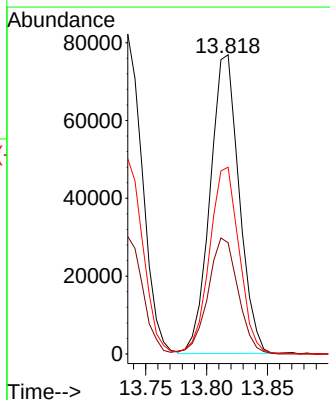
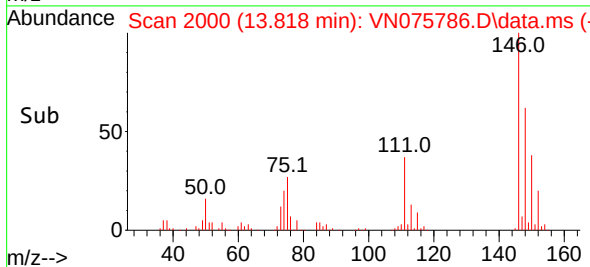
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

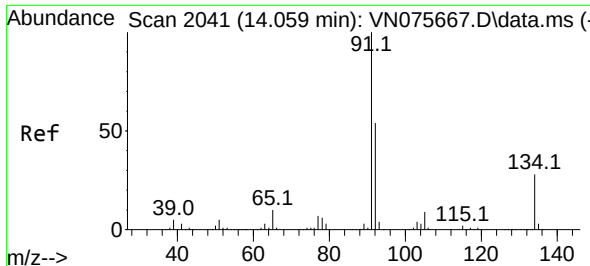


#88
 1,4-Dichlorobenzene
 Concen: 17.682 ug/l
 RT: 13.818 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VN075786.D
 Acq: 14 Dec 2022 23:40



Tgt Ion:146 Resp: 127525
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.1 57.1
 148 63.9 32.0 96.2





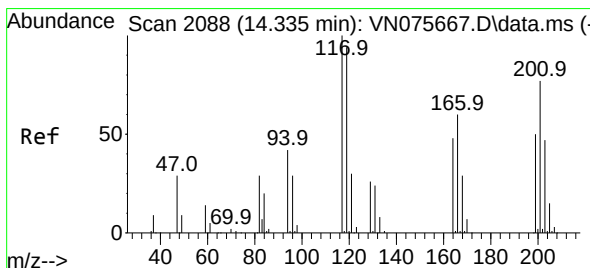
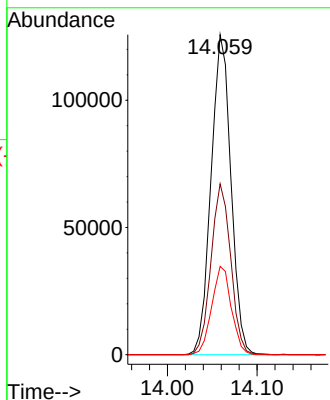
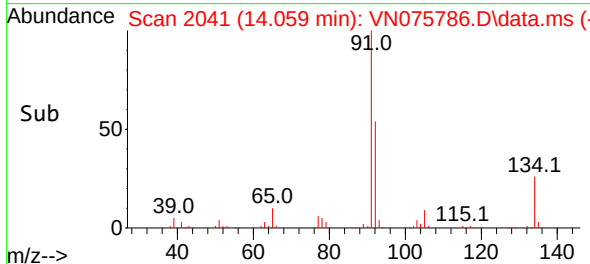
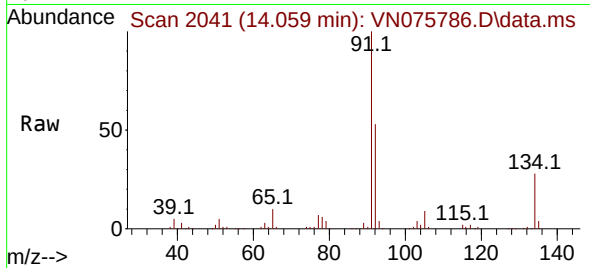
#89
n-Butylbenzene
Concen: 18.675 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion: 91 Resp: 193634
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.2
134 27.2 13.4 40.2

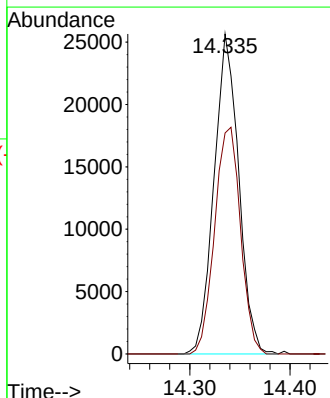
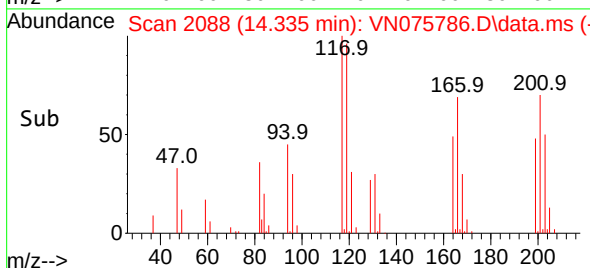
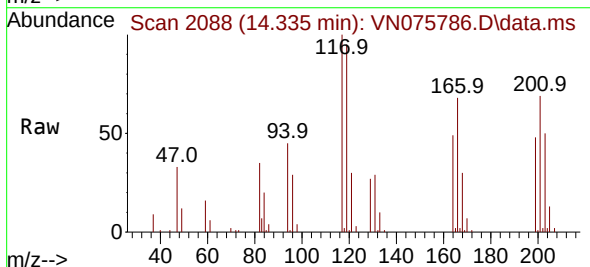
Manual Integrations
APPROVED

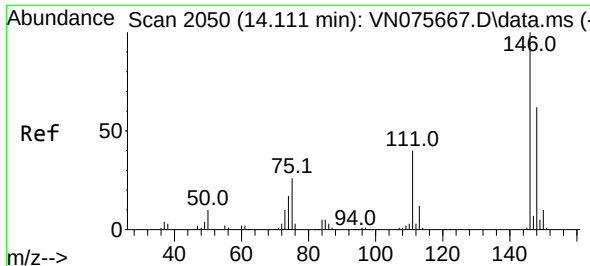
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#90
Hexachloroethane
Concen: 19.124 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

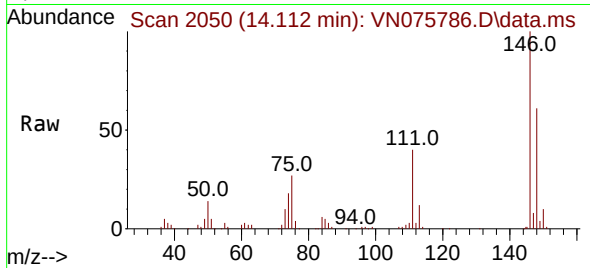
Tgt Ion:117 Resp: 43784
Ion Ratio Lower Upper
117 100
201 74.2 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 18.978 ug/l
RT: 14.112 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

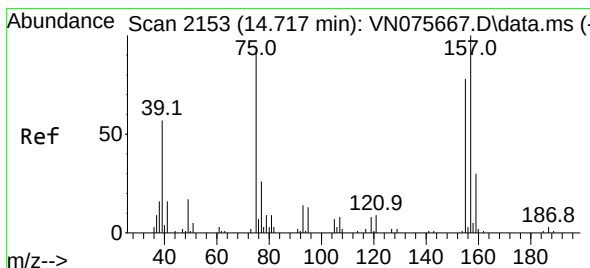
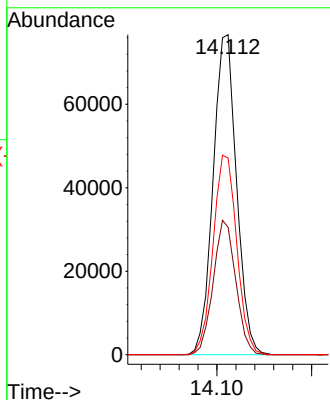
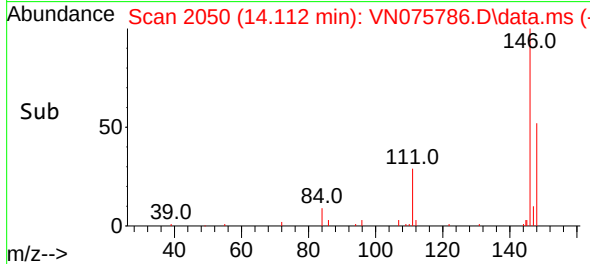
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



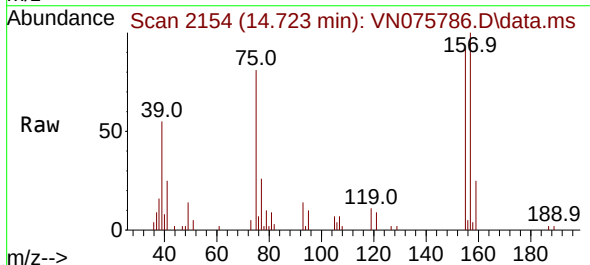
Tgt Ion:146 Resp: 13197
Ion Ratio Lower Upper
146 100
111 40.4 20.3 61.0
148 63.1 31.7 95.1

Manual Integrations
APPROVED

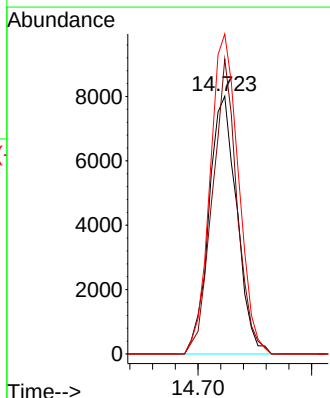
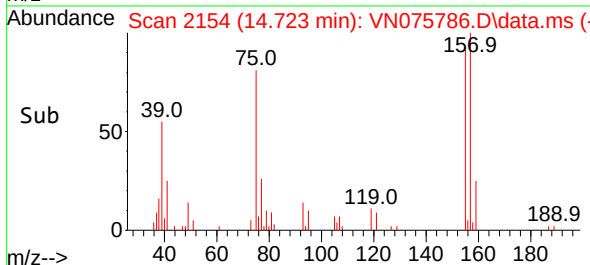
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

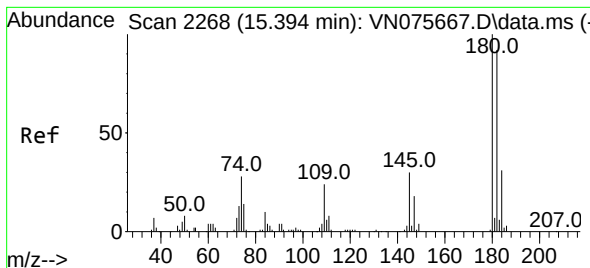


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.488 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40



Tgt Ion: 75 Resp: 13659
Ion Ratio Lower Upper
75 100
155 101.6 49.3 147.8
157 126.3 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 17.136 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN075786.D

Acq: 14 Dec 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

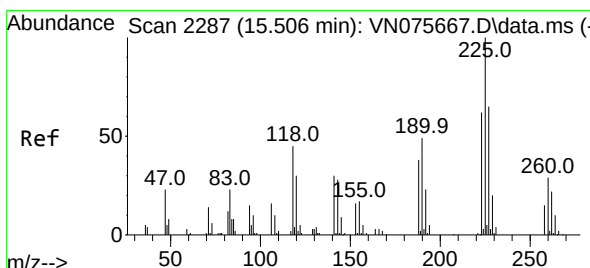
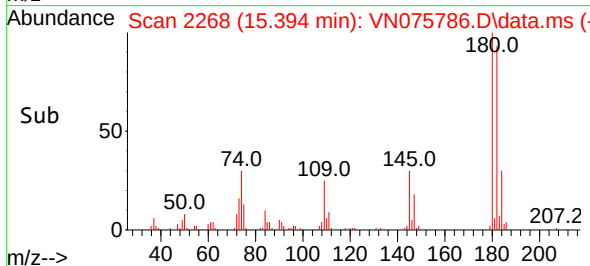
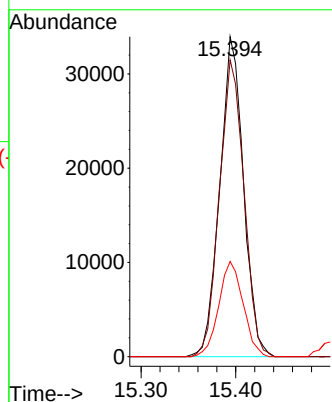
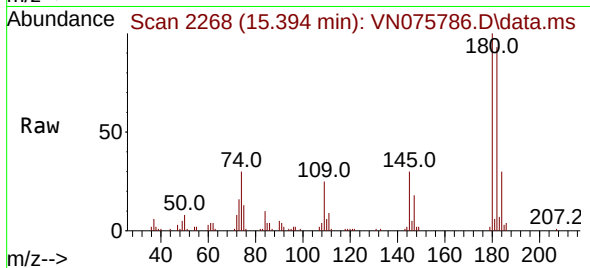
Tgt Ion:180	Resp:	5899
Ion Ratio	Lower	Upper
180	100	
182	95.9	47.5 142.5
145	30.6	15.3 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#94

Hexachlorobutadiene

Concen: 17.737 ug/l

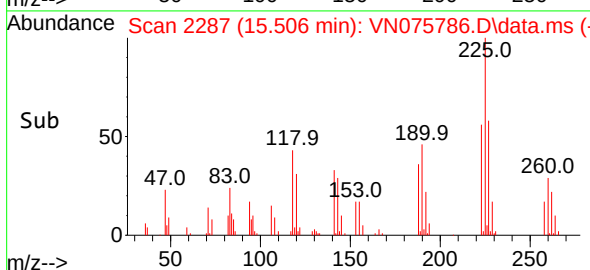
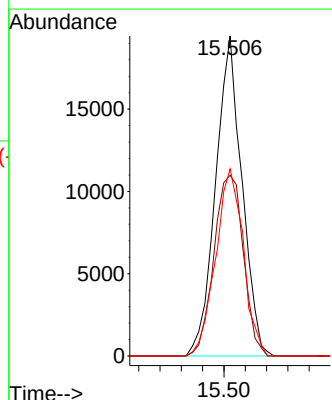
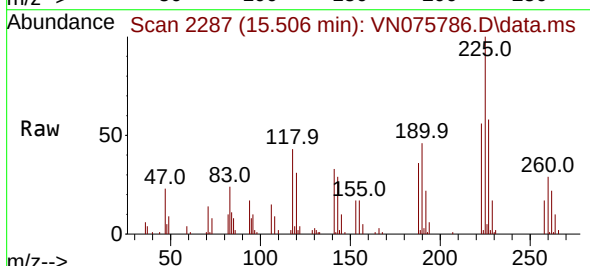
RT: 15.506 min Scan# 2287

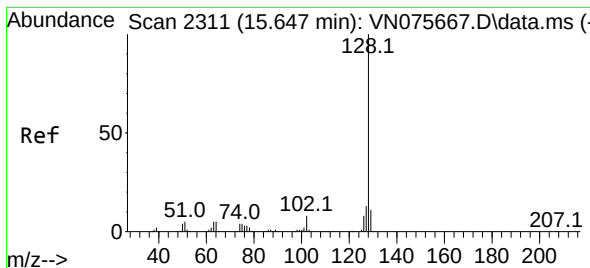
Delta R.T. 0.000 min

Lab File: VN075786.D

Acq: 14 Dec 2022 23:40

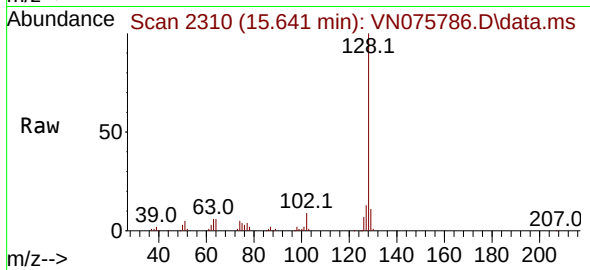
Tgt Ion:225	Resp:	33317
Ion Ratio	Lower	Upper
225	100	
223	63.2	31.5 94.5
227	61.4	31.6 95.0





#95
Naphthalene
Concen: 16.714 ug/l
RT: 15.641 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40

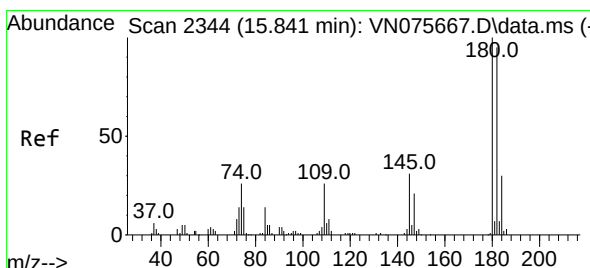
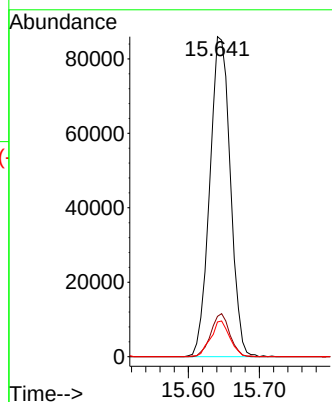
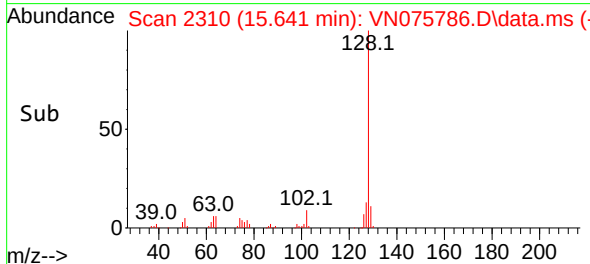
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



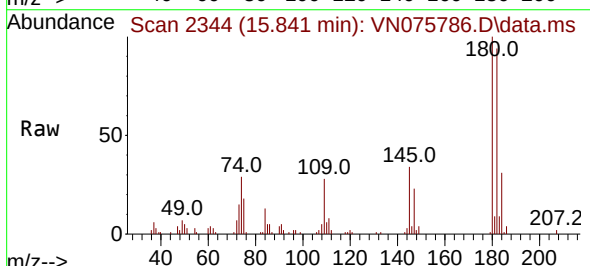
Tgt Ion:128 Resp: 172864
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 17.773 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075786.D
Acq: 14 Dec 2022 23:40



Tgt Ion:180 Resp: 57191
Ion Ratio Lower Upper
180 100
182 96.0 47.0 141.0
145 33.6 16.0 47.9

