

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075787.D
 Acq On : 15 Dec 2022 00:04
 Operator : JC\MD
 Sample : VN1214WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 00:30:35 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	282463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	462156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	423375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	164259	53.453	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.900%			
35) Dibromofluoromethane	8.177	113	149385	52.195	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.380%			
50) Toluene-d8	10.571	98	548596	51.266	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.540%			
62) 4-Bromofluorobenzene	12.853	95	188947	53.311	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	31740	15.826	ug/l	97
3) Chloromethane	2.377	50	39357	15.781	ug/l	93
4) Vinyl Chloride	2.530	62	47055	15.818	ug/l	93
5) Bromomethane	2.965	94	41051	16.237	ug/l	97
6) Chloroethane	3.124	64	35712	16.211	ug/l	95
7) Trichlorofluoromethane	3.512	101	71258	15.786	ug/l	89
8) Diethyl Ether	3.971	74	28415	17.235	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	41399	16.061	ug/l	99
10) Methyl Iodide	4.601	142	67854	16.221	ug/l	99
11) Tert butyl alcohol	5.536	59	38921	89.511	ug/l	98
12) 1,1-Dichloroethene	4.359	96	40045	15.996	ug/l	97
13) Acrolein	4.195	56	53289	99.966	ug/l	99
14) Allyl chloride	5.036	41	44698	15.274	ug/l	89
15) Acrylonitrile	5.730	53	102780	86.618	ug/l	99
16) Acetone	4.442	43	79084	74.657	ug/l	94
17) Carbon Disulfide	4.724	76	95927	15.826	ug/l	98
18) Methyl Acetate	5.036	43	52134	16.650	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	147657	17.911	ug/l	94
20) Methylene Chloride	5.289	84	49108	16.906	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	44747	16.321	ug/l	96
22) Diisopropyl ether	6.683	45	123956	17.436	ug/l	98
23) Vinyl Acetate	6.618	43	409212	85.519	ug/l	99
24) 1,1-Dichloroethane	6.577	63	79427	16.752	ug/l	98
25) 2-Butanone	7.494	43	123799	83.467	ug/l	93
26) 2,2-Dichloropropane	7.494	77	60677	15.112	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	55611	16.960	ug/l	98
28) Bromochloromethane	7.824	49	38373	18.465	ug/l	100
29) Tetrahydrofuran	7.847	42	82730	89.006	ug/l	100
30) Chloroform	7.977	83	88525	16.583	ug/l	99
31) Cyclohexane	8.265	56	69999	15.905	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	77309	16.335	ug/l	95
36) 1,1-Dichloropropene	8.377	75	61050	16.057	ug/l	99
37) Ethyl Acetate	7.571	43	54055	17.700	ug/l	97
38) Carbon Tetrachloride	8.371	117	69553	16.345	ug/l	98
39) Methylcyclohexane	9.606	83	76134	16.598	ug/l	98
40) Benzene	8.612	78	194983	16.622	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	26266	16.547	ug/l	92
42) 1,2-Dichloroethane	8.671	62	65615	16.825	ug/l	100
43) Isopropyl Acetate	8.694	43	86757	17.222	ug/l	99
44) Trichloroethene	9.359	130	52368	15.847	ug/l	95
45) 1,2-Dichloropropane	9.624	63	46973	16.456	ug/l	96
46) Dibromomethane	9.712	93	36217	17.106	ug/l	98
47) Bromodichloromethane	9.894	83	70132	16.891	ug/l	96
48) Methyl methacrylate	9.683	41	39043	17.208	ug/l	94
49) 1,4-Dioxane	9.700	88	19308	346.146	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	270380	88.749	ug/l	100
52) Toluene	10.635	92	128393	16.806	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	66243	16.299	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	74405	16.674	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	51372	17.132	ug/l	98
56) Ethyl methacrylate	10.877	69	67879	17.042	ug/l	96
57) 1,3-Dichloropropane	11.165	76	82502	16.773	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	98860	77.959	ug/l	100
59) 2-Hexanone	11.200	43	195484	87.986	ug/l	99
60) Dibromochloromethane	11.359	129	54688	16.399	ug/l	98
61) 1,2-Dibromoethane	11.471	107	52750	17.383	ug/l	99
64) Tetrachloroethene	11.106	164	46802	15.710	ug/l	95
65) Chlorobenzene	11.894	112	140324	16.148	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	53566	16.642	ug/l	99
67) Ethyl Benzene	11.965	91	245929	16.769	ug/l	98
68) m/p-Xylenes	12.071	106	195463	33.673	ug/l	99
69) o-Xylene	12.400	106	96906	16.869	ug/l	99
70) Styrene	12.412	104	157841	17.281	ug/l	99
71) Bromoform	12.582	173	40167	17.150	ug/l #	99
73) Isopropylbenzene	12.700	105	248171	16.828	ug/l	99
74) N-amyl acetate	12.494	43	76158	17.603	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	75192	16.493	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	64260m	15.621	ug/l	
77) Bromobenzene	12.982	156	61716	16.536	ug/l	99
78) n-propylbenzene	13.041	91	278226	17.105	ug/l	99
79) 2-Chlorotoluene	13.129	91	172513	16.990	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	212706	17.233	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	17112	14.973	ug/l	92
82) 4-Chlorotoluene	13.129	91	172513	16.990	ug/l	99
83) tert-Butylbenzene	13.441	119	188366	17.309	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	213260	17.417	ug/l	99
85) sec-Butylbenzene	13.618	105	255829	17.032	ug/l	99
86) p-Isopropyltoluene	13.729	119	217853	17.431	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	114086	16.548	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	112971	16.040	ug/l	99
89) n-Butylbenzene	14.059	91	163791	16.177	ug/l	99
90) Hexachloroethane	14.335	117	37235	16.655	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	113129	16.659	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12015	14.852	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	51995	15.466	ug/l	98
94) Hexachlorobutadiene	15.506	225	27414	14.946	ug/l	97
95) Naphthalene	15.647	128	153640	15.408	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	50880	16.192	ug/l	99

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ClientSampleId :
VN1214WBSD02

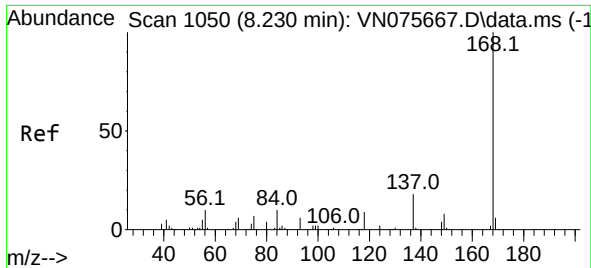
Manual Integrations
APPROVED

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QLast Update : Wed Dec 14 13:03:41 2022
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



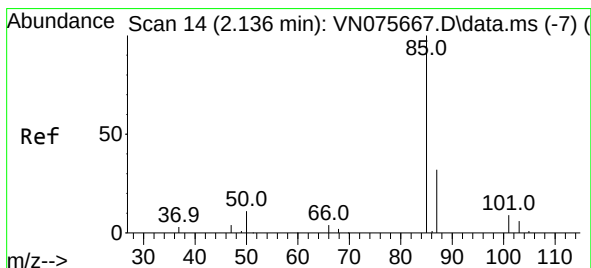
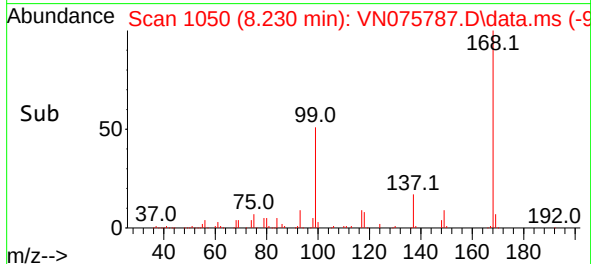
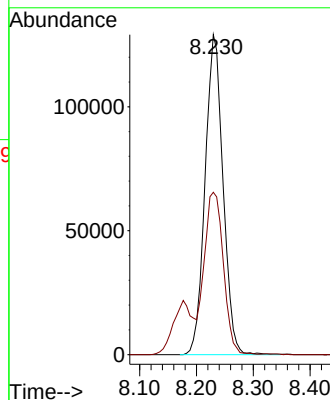
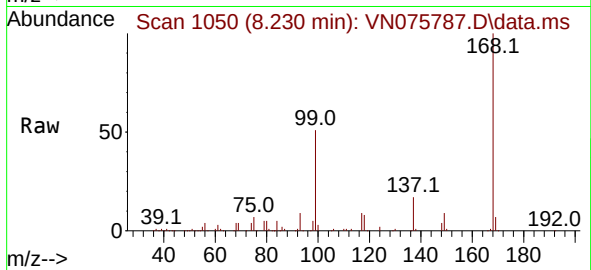
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075787.D
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Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 28246
Ion Ratio Lower Upper
168 100
99 50.6 44.2 66.4

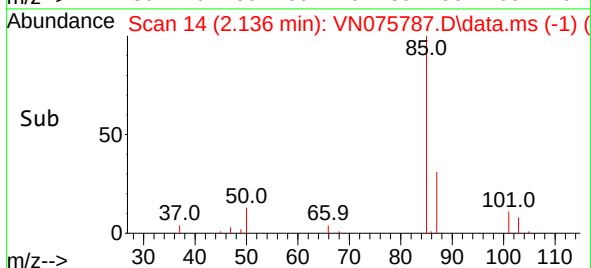
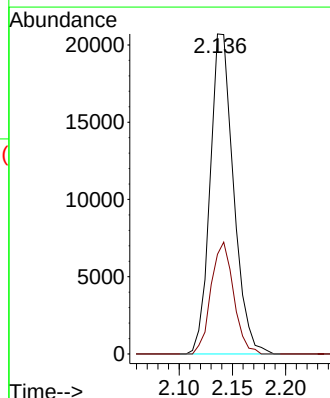
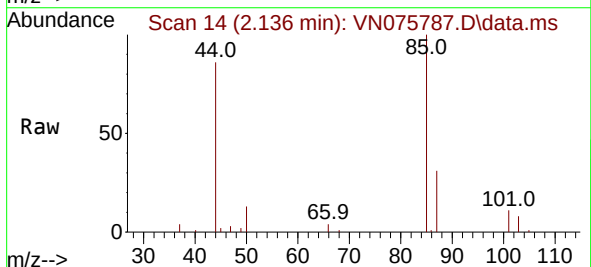
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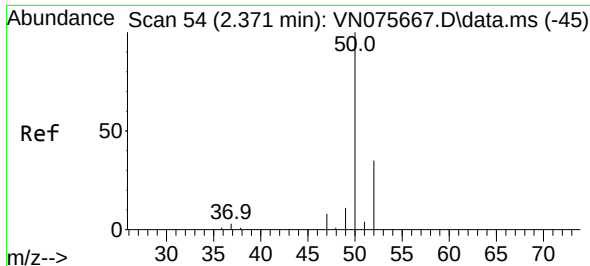
Reviewed By :John Carlone 12/15/2022
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#2
Dichlorodifluoromethane
Concen: 15.826 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Tgt Ion: 85 Resp: 31740
Ion Ratio Lower Upper
85 100
87 31.2 16.3 48.9





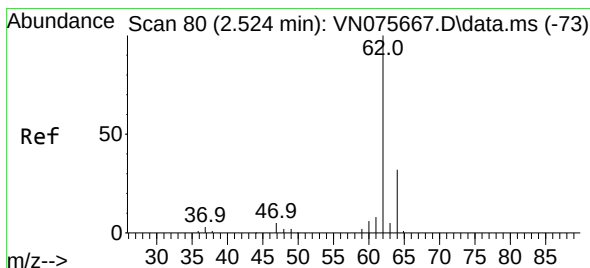
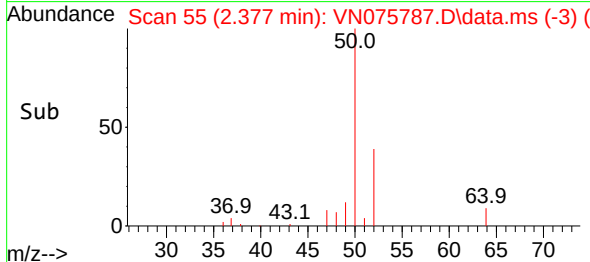
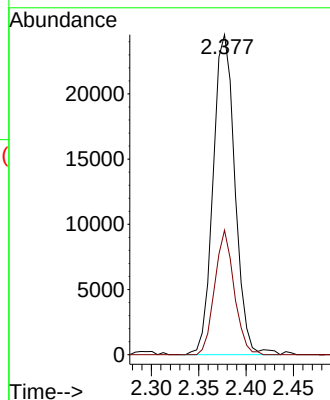
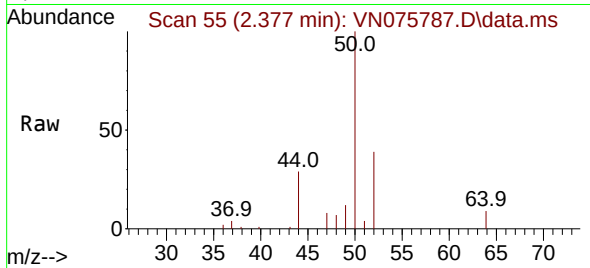
#3
Chloromethane
Concen: 15.781 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Instrument :
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Tgt Ion: 50 Resp: 3935
Ion Ratio Lower Upper
50 100
52 38.9 27.7 41.5

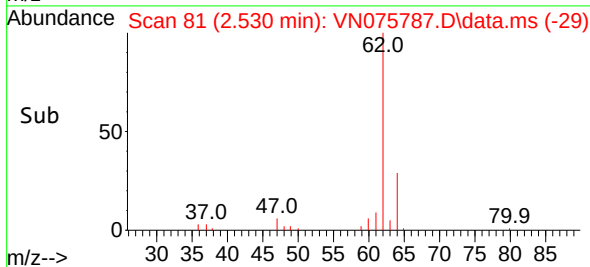
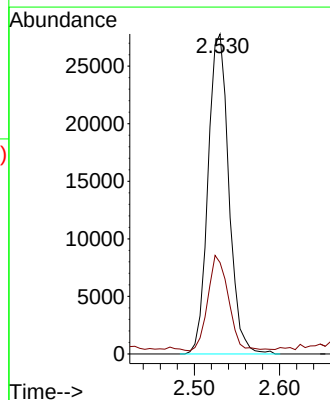
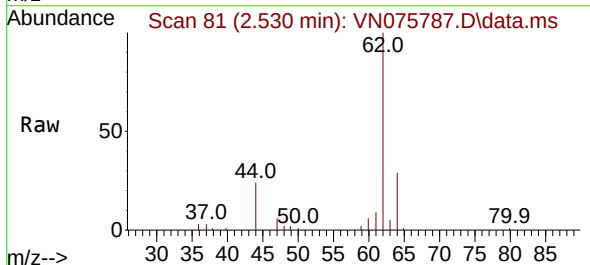
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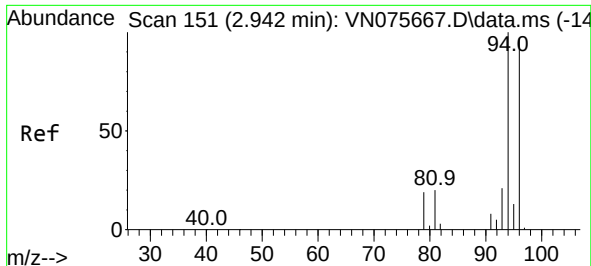
Reviewed By :John Carlone 12/15/2022
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#4
Vinyl Chloride
Concen: 15.818 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Tgt Ion: 62 Resp: 47055
Ion Ratio Lower Upper
62 100
64 27.0 24.9 37.3





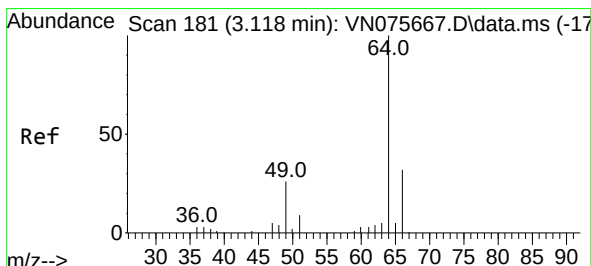
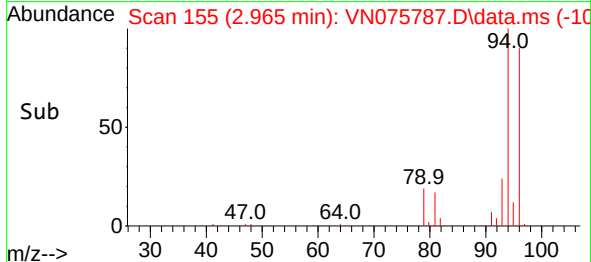
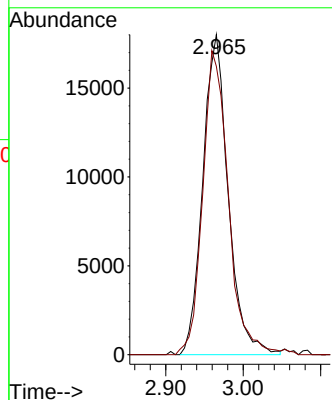
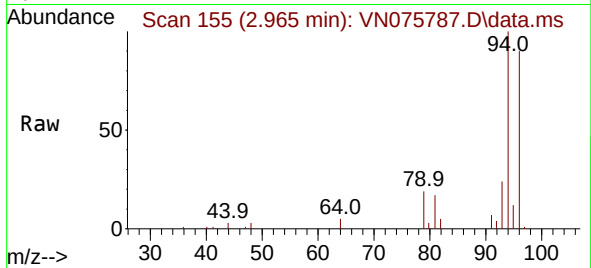
#5
Bromomethane
Concen: 16.237 ug/l
RT: 2.965 min Scan# 155
Delta R.T. 0.024 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Instrument :
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Tgt Ion: 94 Resp: 4105
Ion Ratio Lower Upper
94 100
96 89.0 73.8 110.6

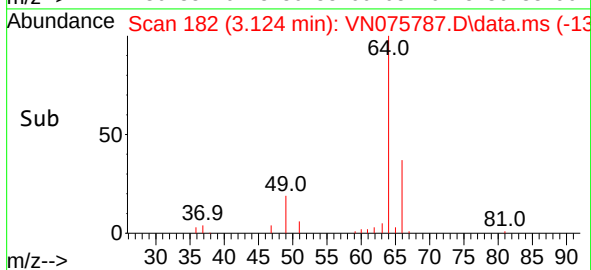
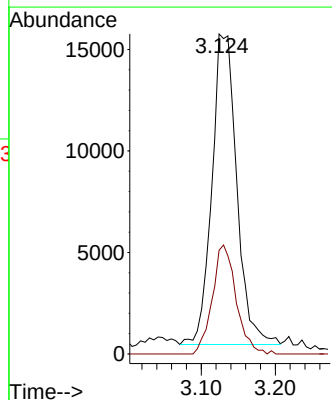
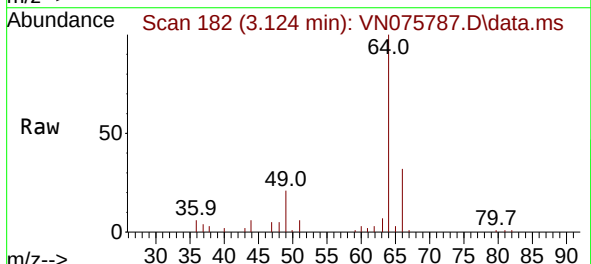
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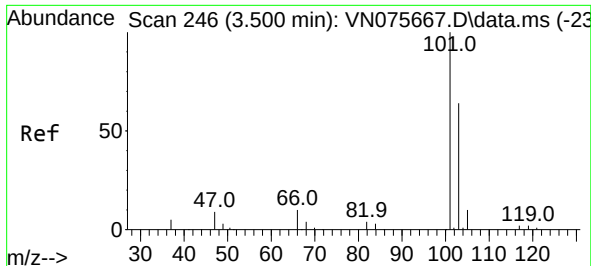
Reviewed By :John Carlone 12/15/2022
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#6
Chloroethane
Concen: 16.211 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Tgt Ion: 64 Resp: 35712
Ion Ratio Lower Upper
64 100
66 33.4 24.6 36.8





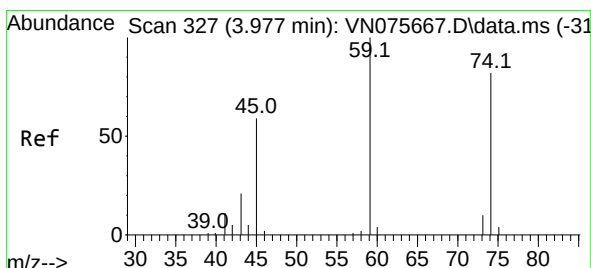
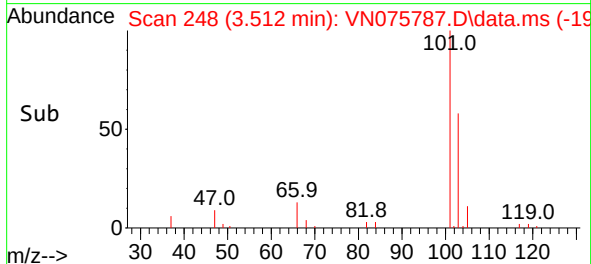
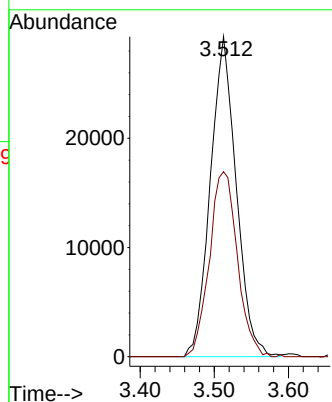
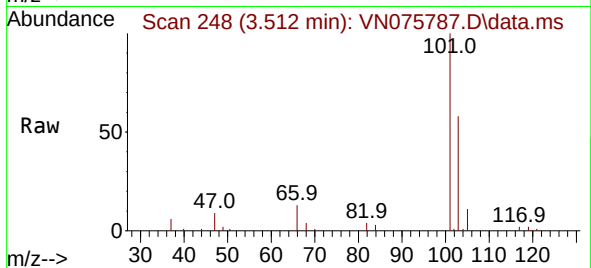
#7
Trichlorofluoromethane
Concen: 15.786 ug/l
RT: 3.512 min Scan# 246
Delta R.T. 0.012 min
Lab File: VN075787.D
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Instrument :
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Tgt Ion:101 Resp: 71258
Ion Ratio Lower Upper
101 100
103 57.8 53.4 80.2

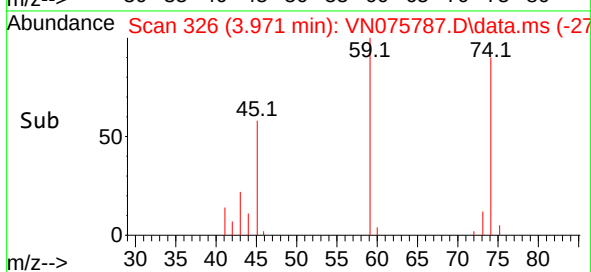
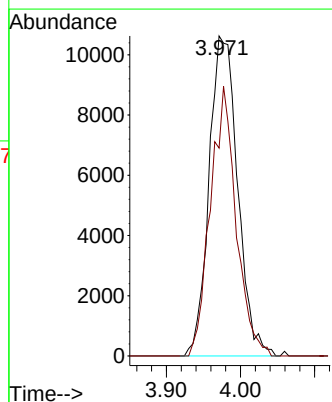
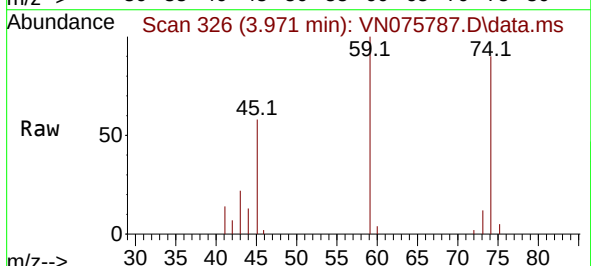
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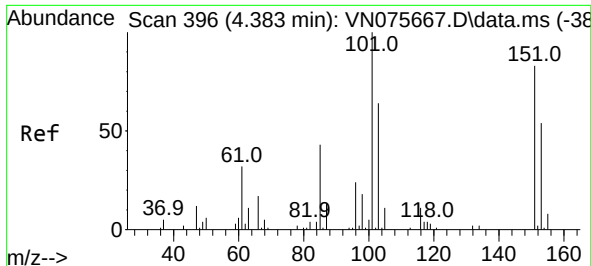
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#8
Diethyl Ether
Concen: 17.235 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
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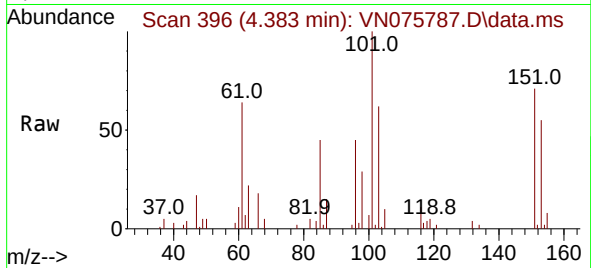
Tgt Ion: 74 Resp: 28415
Ion Ratio Lower Upper
74 100
45 75.9 37.8 113.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.061 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
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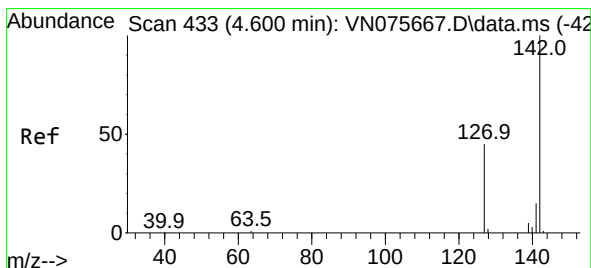
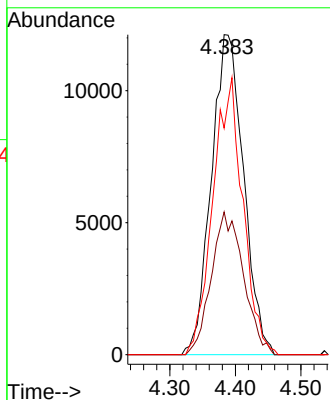
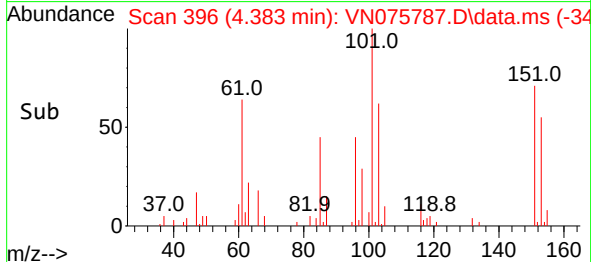
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ClientSampleId :
VN1214WBSD02



Tgt Ion:101 Resp: 41395
Ion Ratio Lower Upper
101 100
85 44.5 35.3 52.9
151 80.3 65.6 98.4

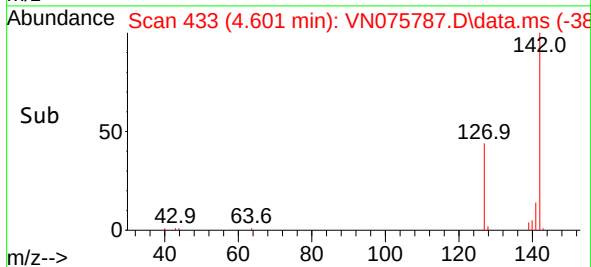
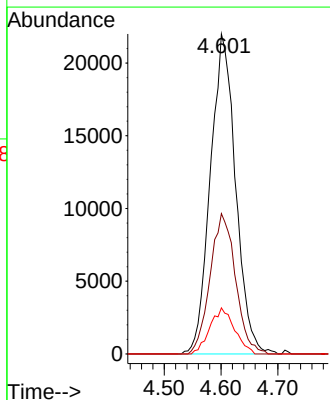
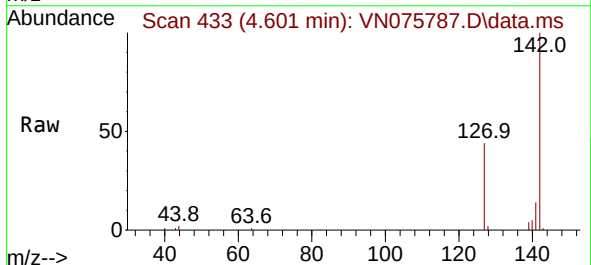
Manual Integrations
APPROVED

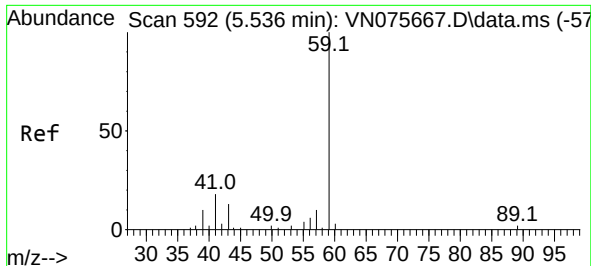
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#10
Methyl Iodide
Concen: 16.221 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Tgt Ion:142 Resp: 67854
Ion Ratio Lower Upper
142 100
127 44.2 34.7 52.1
141 14.1 11.4 17.2





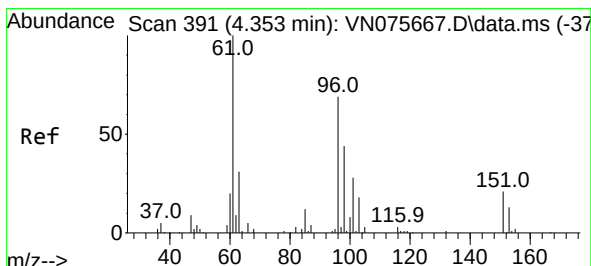
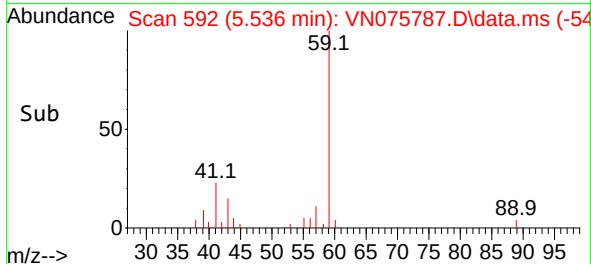
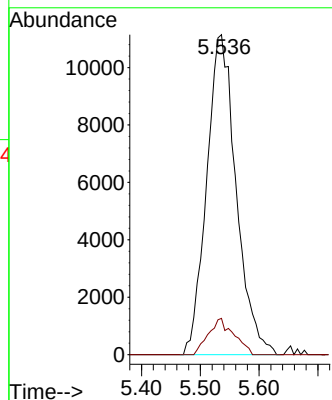
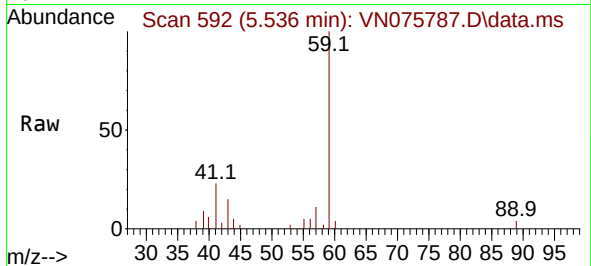
#11
Tert butyl alcohol
Concen: 89.511 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02

Tgt Ion: 59 Resp: 3892
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

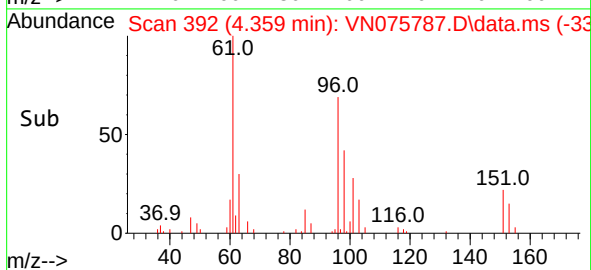
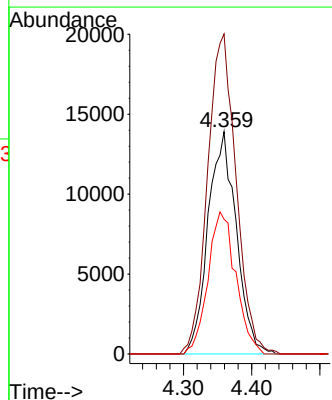
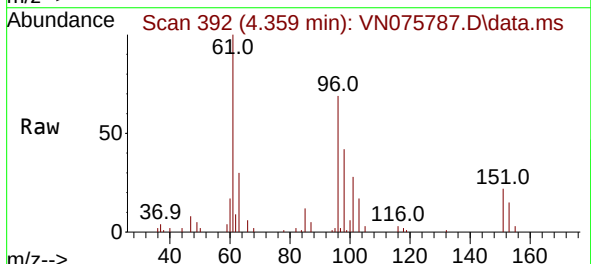
Manual Integrations
APPROVED

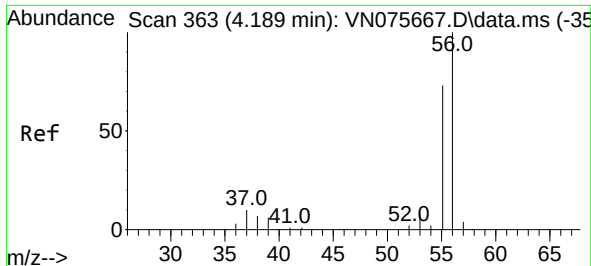
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#12
1,1-Dichloroethene
Concen: 15.996 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

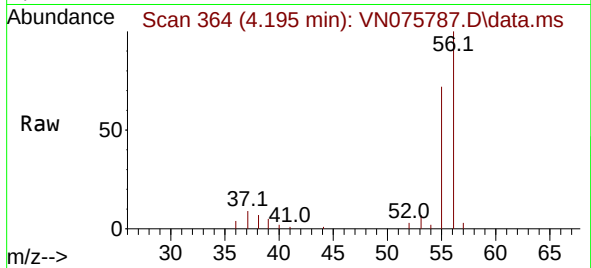
Tgt Ion: 96 Resp: 40045
Ion Ratio Lower Upper
96 100
61 144.0 113.3 169.9
98 60.6 50.9 76.3





#13
Acrolein
Concen: 99.966 ug/l
RT: 4.195 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

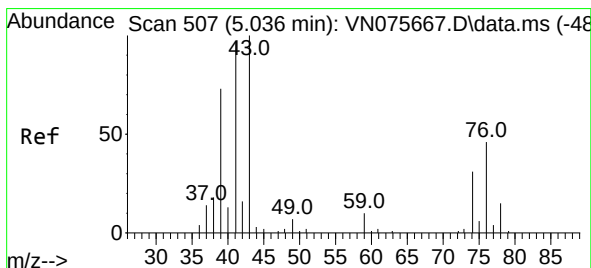
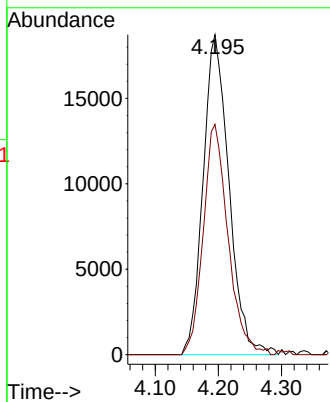
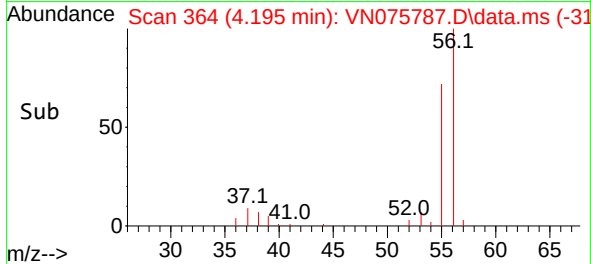
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



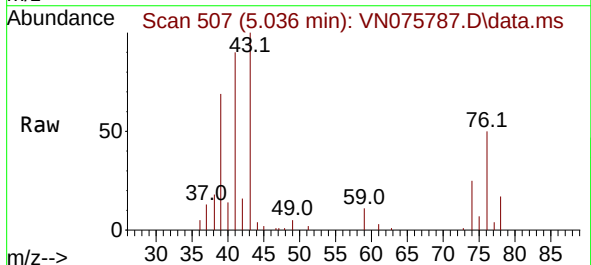
Tgt Ion: 56 Resp: 53289
Ion Ratio Lower Upper
56 100
55 69.0 54.8 82.2

Manual Integrations
APPROVED

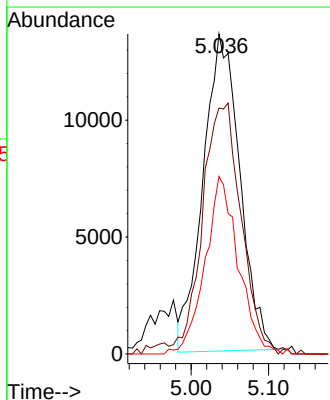
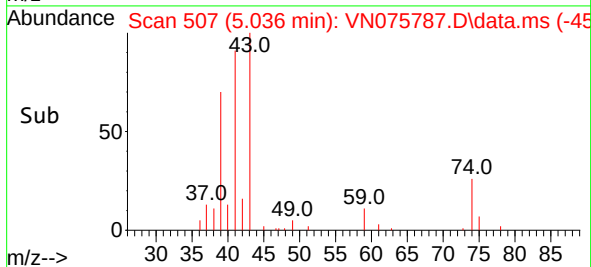
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

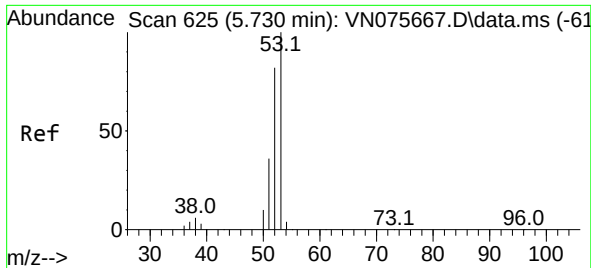


#14
Allyl chloride
Concen: 15.274 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04



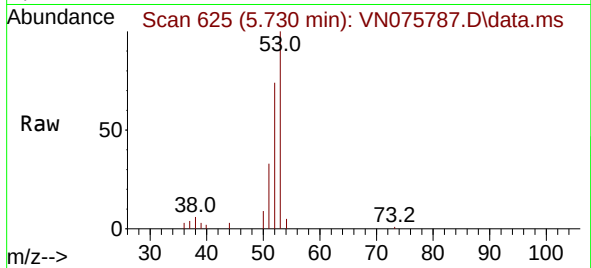
Tgt Ion: 41 Resp: 44698
Ion Ratio Lower Upper
41 100
39 82.9 58.3 87.5
76 50.7 35.8 53.6





#15
Acrylonitrile
Concen: 86.618 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

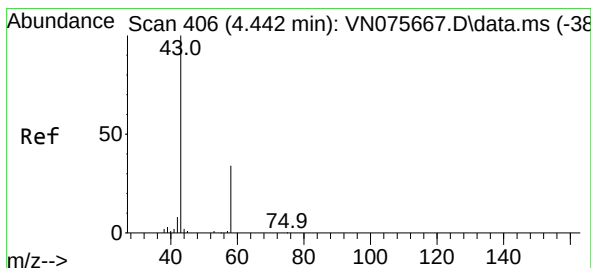
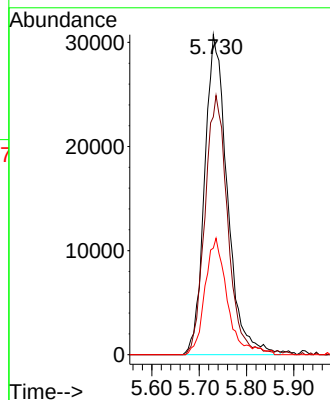
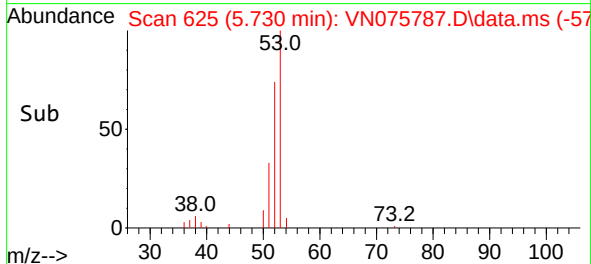
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion: 53 Resp: 102780
Ion Ratio Lower Upper
53 100
52 80.9 65.4 98.0
51 35.8 28.9 43.3

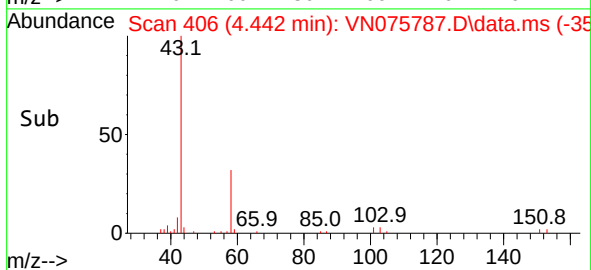
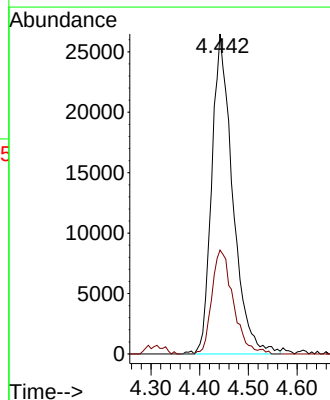
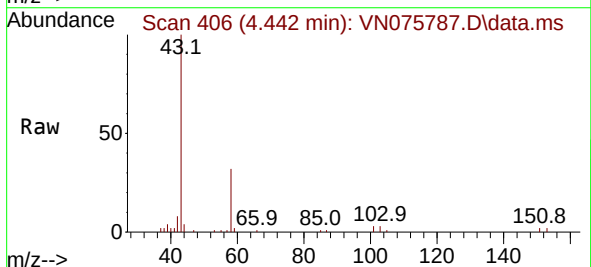
Manual Integrations
APPROVED

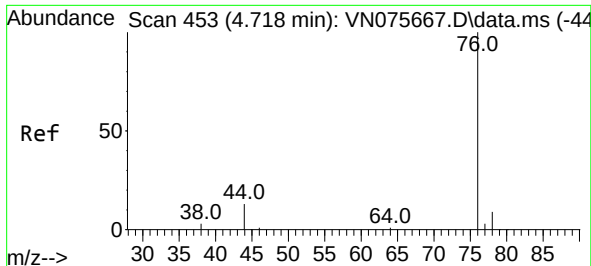
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#16
Acetone
Concen: 74.657 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

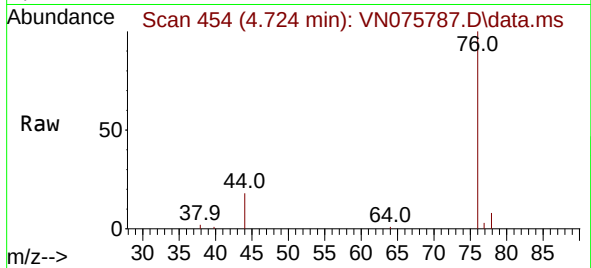
Tgt Ion: 43 Resp: 79084
Ion Ratio Lower Upper
43 100
58 32.5 28.6 43.0





#17
Carbon Disulfide
Concen: 15.826 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

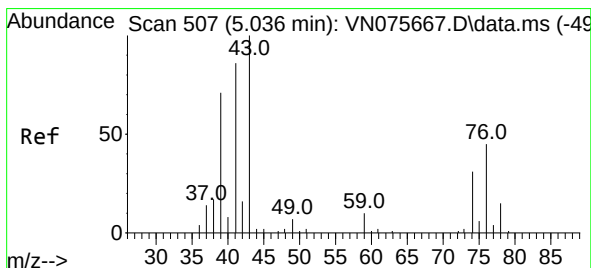
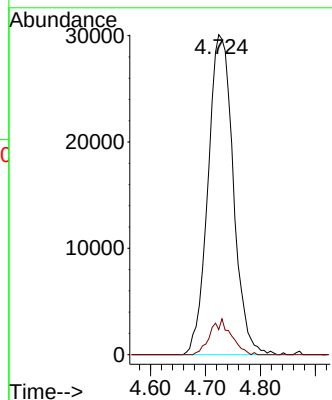
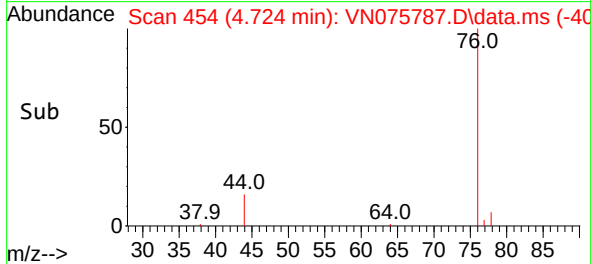
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion: 76 Resp: 9592
Ion Ratio Lower Upper
76 100
78 7.9 6.8 10.2

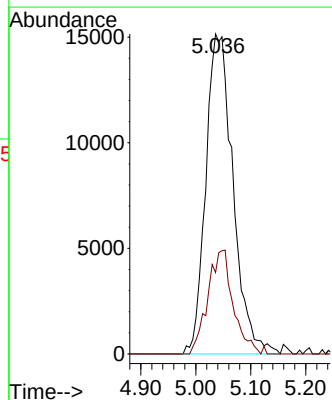
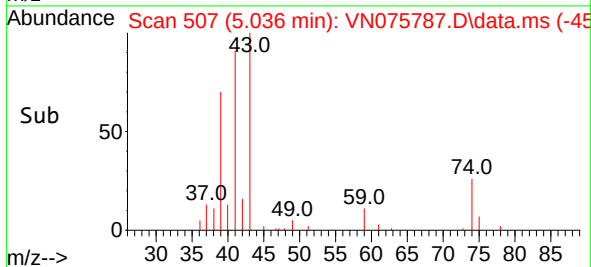
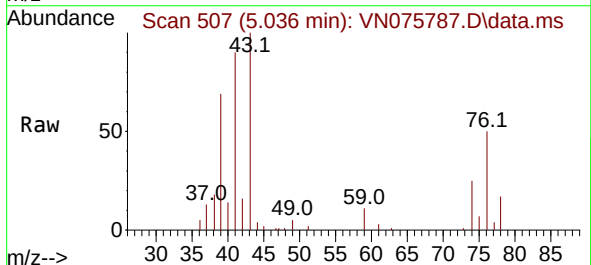
Manual Integrations
APPROVED

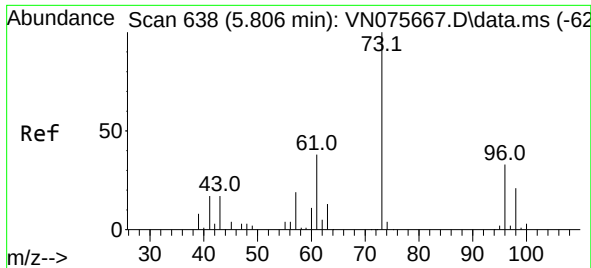
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#18
Methyl Acetate
Concen: 16.650 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Tgt Ion: 43 Resp: 52134
Ion Ratio Lower Upper
43 100
74 30.2 23.6 35.4





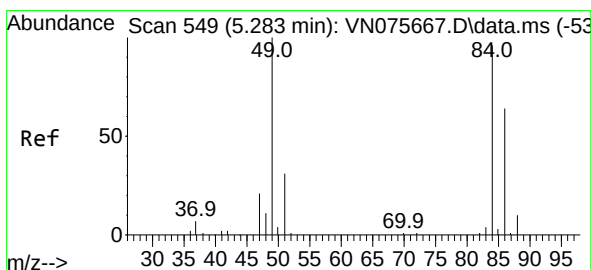
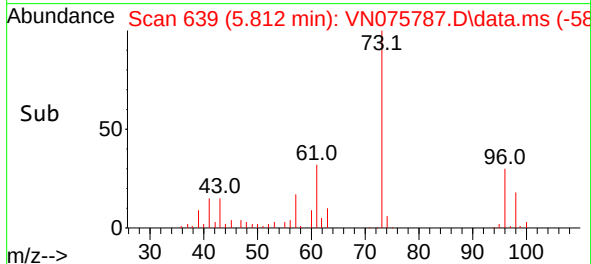
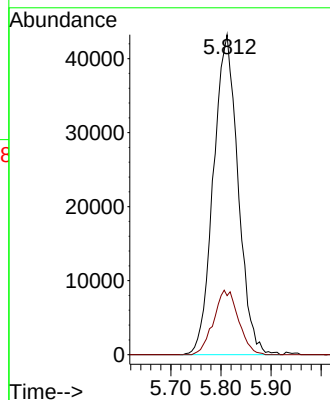
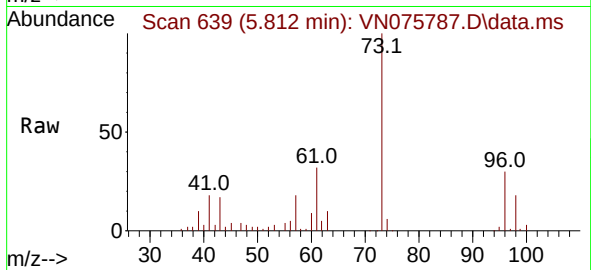
#19
Methyl tert-butyl Ether
Concen: 17.911 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02

Tgt Ion: 73 Resp: 14765
Ion Ratio Lower Upper
73 100
57 18.5 17.1 25.7

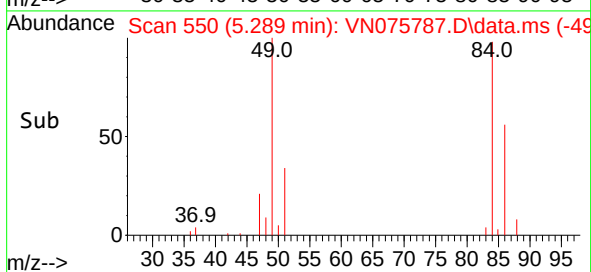
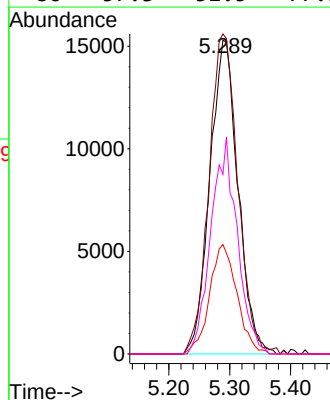
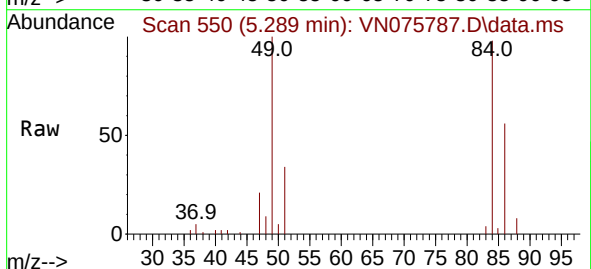
Manual Integrations
APPROVED

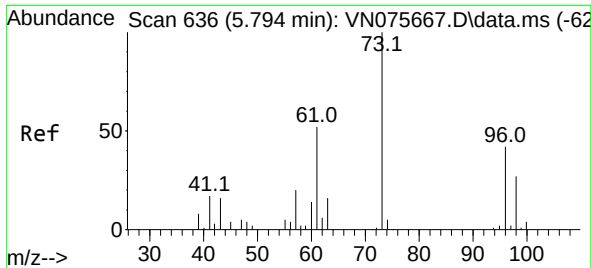
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#20
Methylene Chloride
Concen: 16.906 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Tgt Ion: 84 Resp: 49108
Ion Ratio Lower Upper
84 100
49 102.0 81.8 122.6
51 34.9 26.7 40.1
86 57.3 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 16.321 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

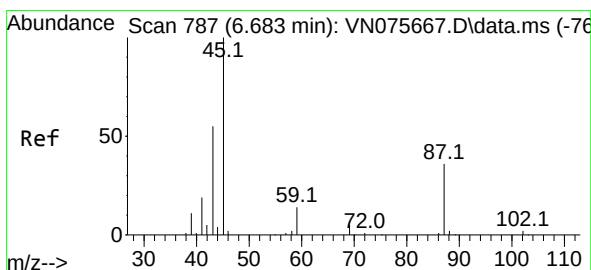
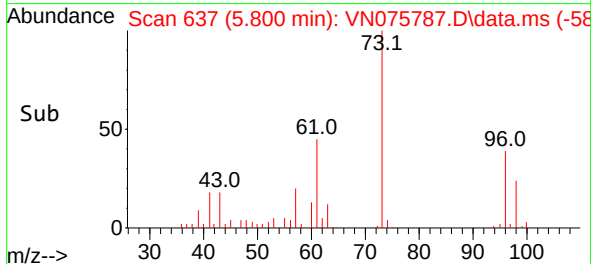
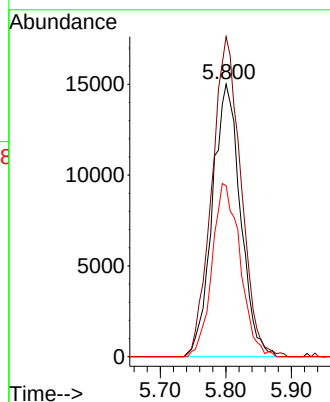
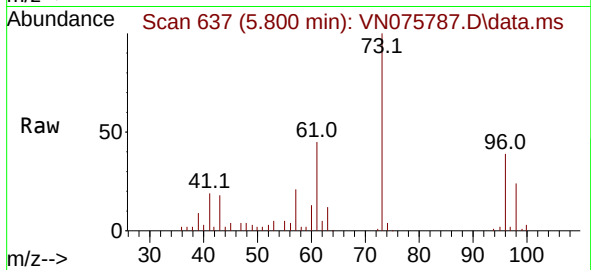
Tgt Ion: 96 Resp: 4474
Ion Ratio Lower Upper
96 100
61 117.4 98.1 147.1
98 62.8 51.4 77.2

Manual Integrations

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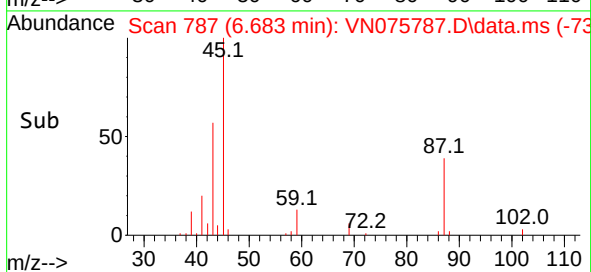
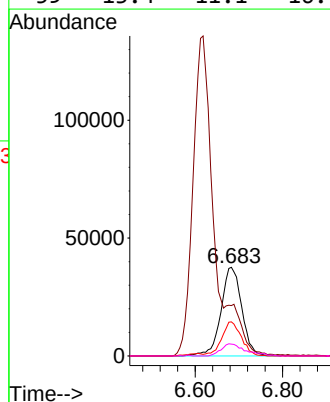
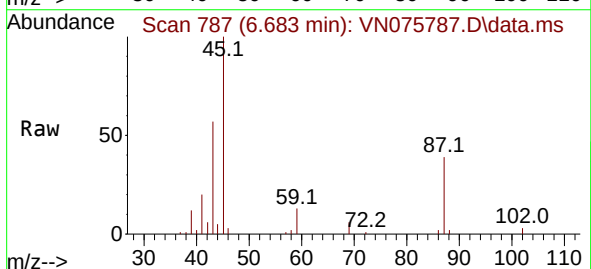
Reviewed By :John Carlone 12/15/2022

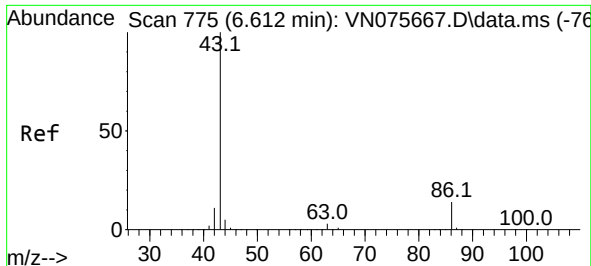
Supervised By :Mahesh Dadoda 12/15/2022



#22
Diisopropyl ether
Concen: 17.436 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Tgt Ion: 45 Resp: 123956
Ion Ratio Lower Upper
45 100
43 55.7 44.2 66.4
87 38.5 28.3 42.5
59 13.4 11.1 16.7





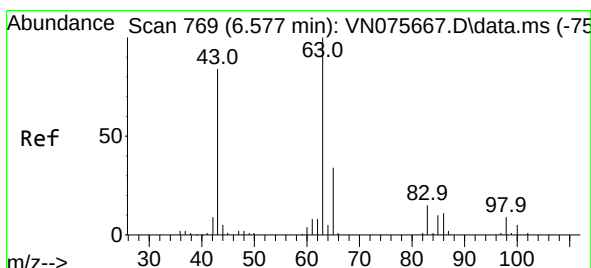
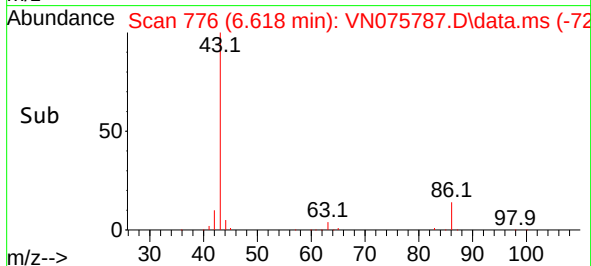
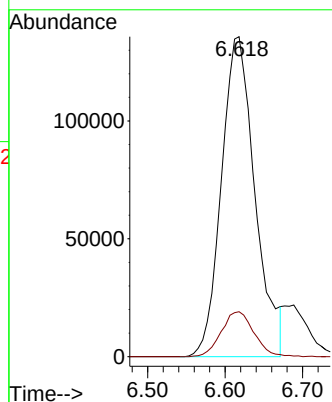
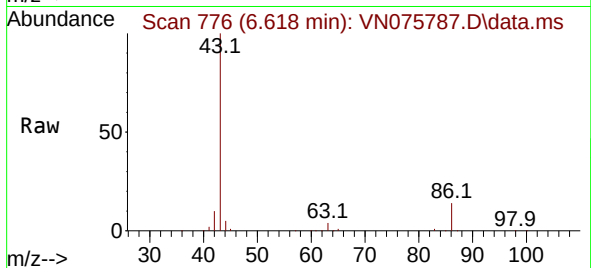
#23
 Vinyl Acetate
 Concen: 85.519 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075787.D
 Acq: 15 Dec 2022 00:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBSD02

Tgt Ion: 43 Resp: 40921
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.4 17.2

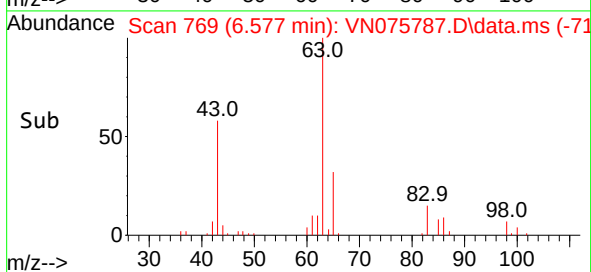
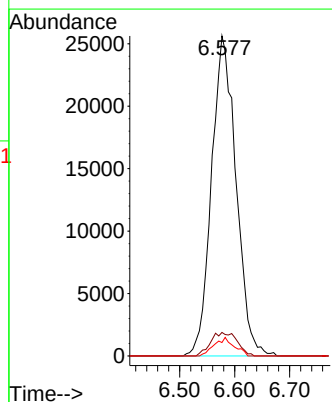
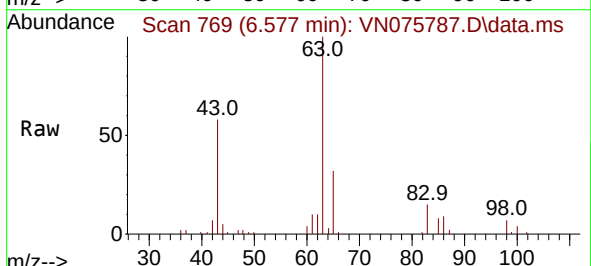
Manual Integrations
 APPROVED

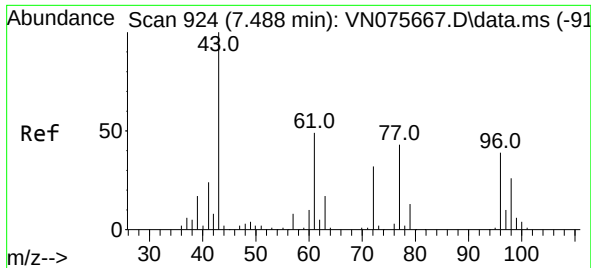
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#24
 1,1-Dichloroethane
 Concen: 16.752 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075787.D
 Acq: 15 Dec 2022 00:04

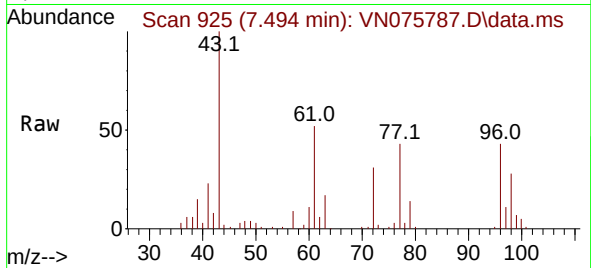
Tgt Ion: 63 Resp: 79427
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.5
 100 4.2 2.5 7.6





#25
2-Butanone
Concen: 83.467 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

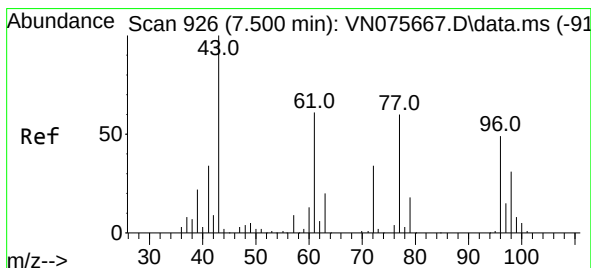
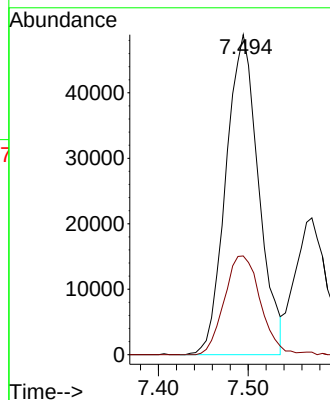
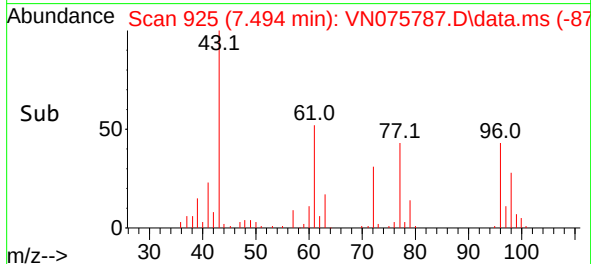
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion: 43 Resp: 123799
Ion Ratio Lower Upper
43 100
72 30.9 28.0 42.0

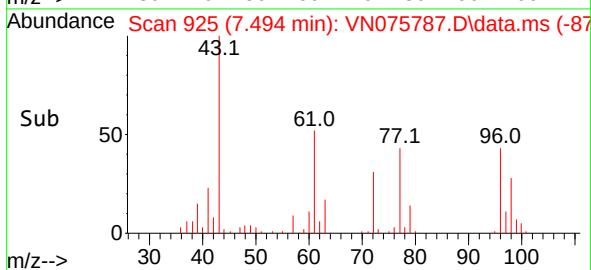
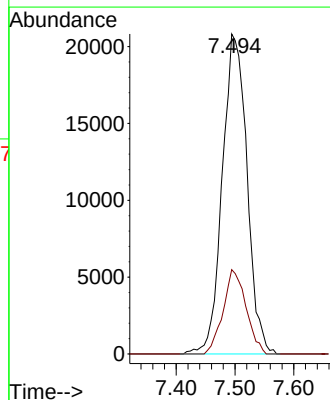
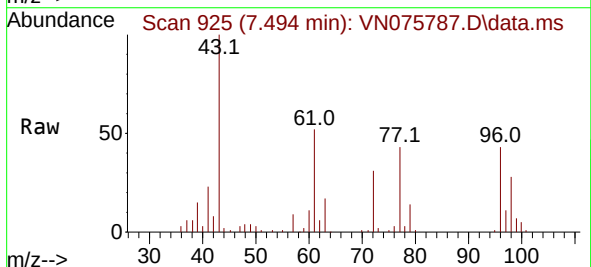
Manual Integrations
APPROVED

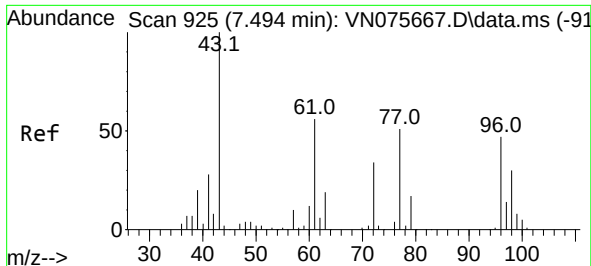
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#26
2,2-Dichloropropane
Concen: 15.112 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Tgt Ion: 77 Resp: 60677
Ion Ratio Lower Upper
77 100
97 24.4 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 16.960 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

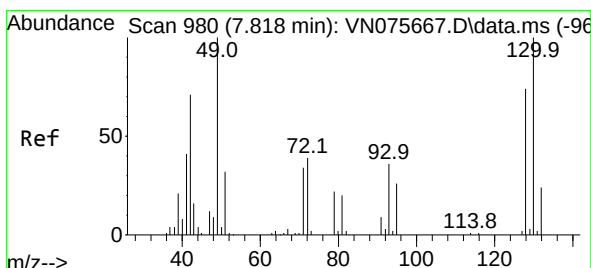
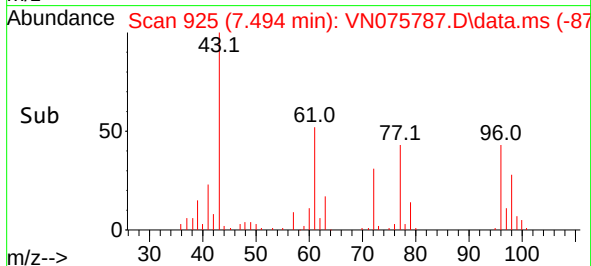
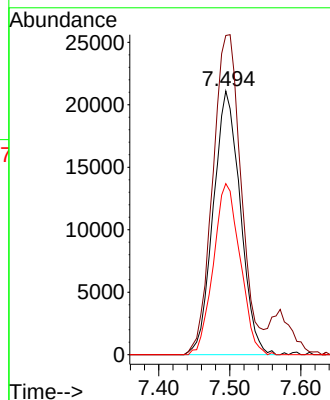
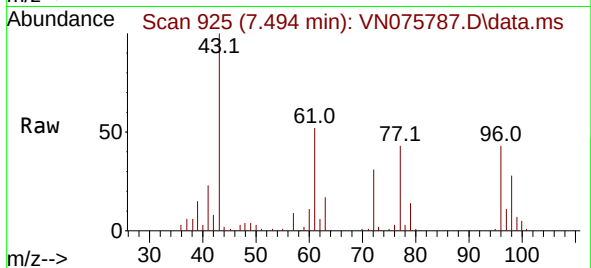
Tgt Ion: 96	Resp: 5561
Ion Ratio	Lower Upper
96 100	
61 127.9	0.0 247.8
98 64.3	0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#28

Bromochloromethane

Concen: 18.465 ug/l

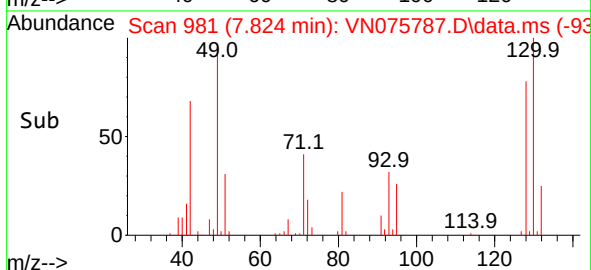
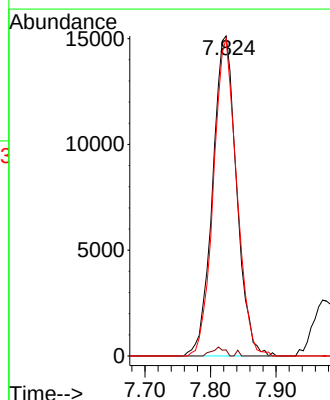
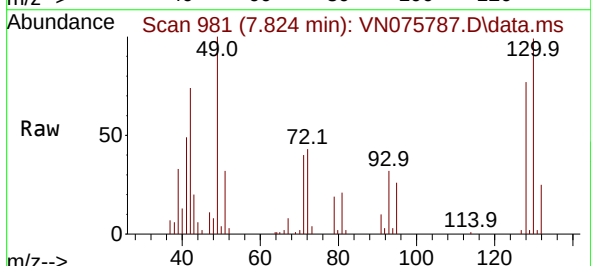
RT: 7.824 min Scan# 981

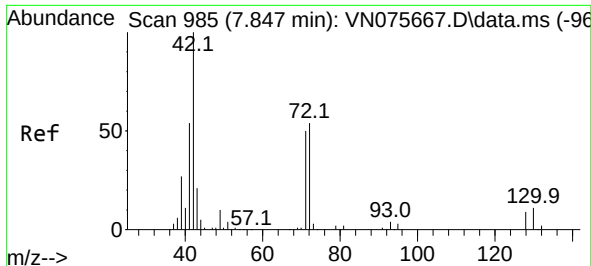
Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Tgt Ion: 49	Resp: 38373
Ion Ratio	Lower Upper
49 100	
129 1.5	0.0 5.0
130 96.0	77.0 115.4





#29

Tetrahydrofuran

Concen: 89.006 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

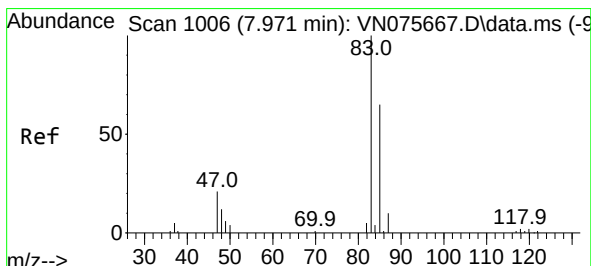
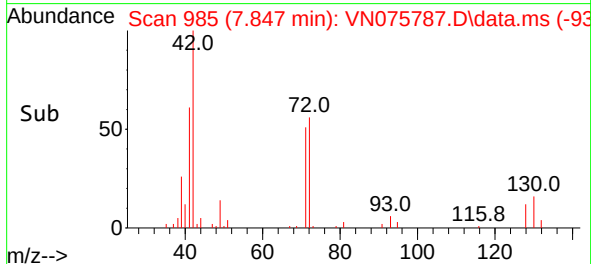
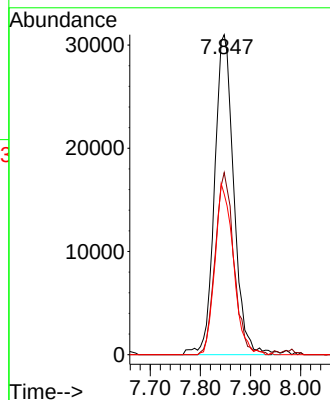
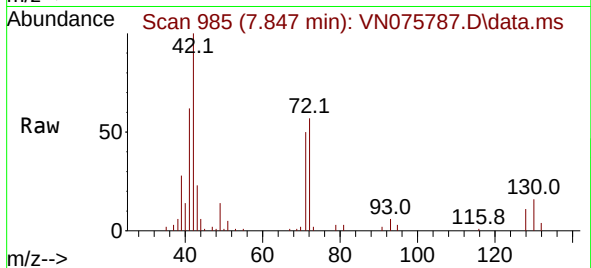
Tgt Ion:	42	Resp:	82730
Ion Ratio	Lower	Upper	
42	100		
72	55.1	44.5	66.7
71	51.4	41.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#30

Chloroform

Concen: 16.583 ug/l

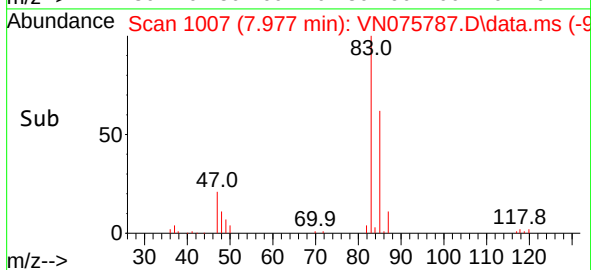
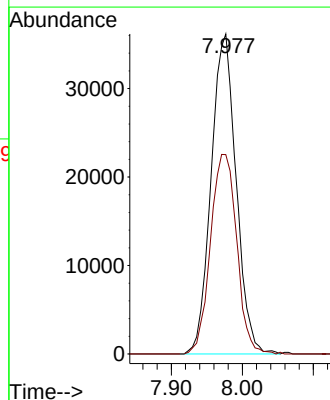
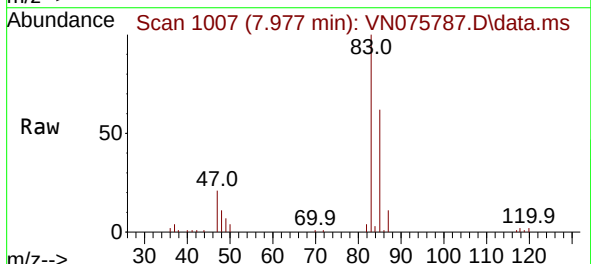
RT: 7.977 min Scan# 1007

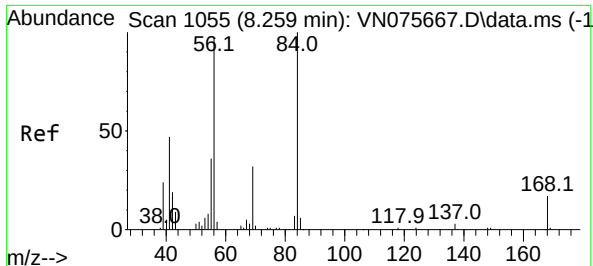
Delta R.T. 0.006 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Tgt Ion:	83	Resp:	88525
Ion Ratio	Lower	Upper	
83	100		
85	62.3	49.1	73.7





#31

Cyclohexane

Concen: 15.905 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

Tgt Ion: 56 Resp: 6999

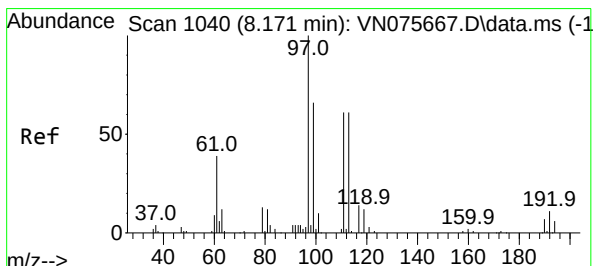
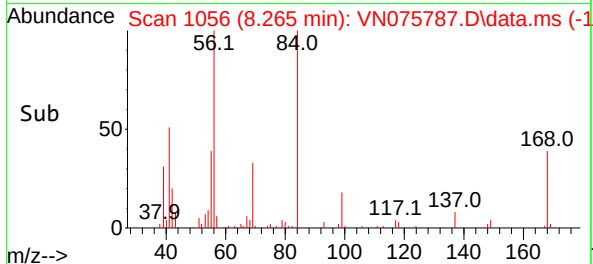
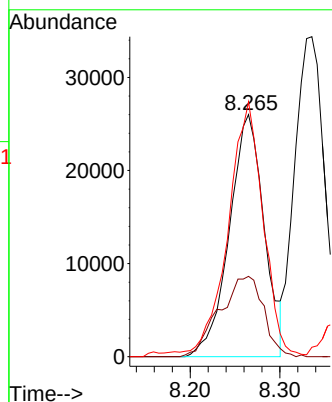
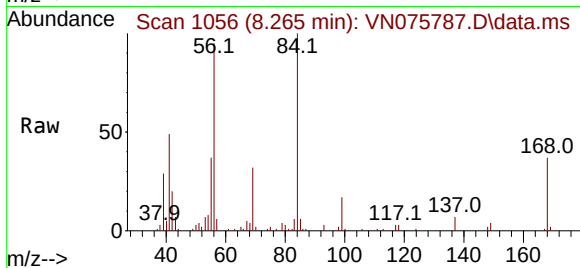
Ion	Ratio	Lower	Upper
56	100		
69	33.2	24.7	37.1
84	103.5	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#32

1,1,1-Trichloroethane

Concen: 16.335 ug/l

RT: 8.177 min Scan# 1041

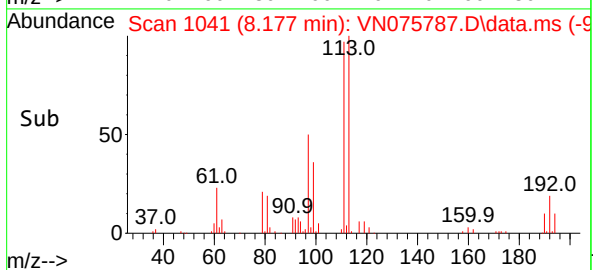
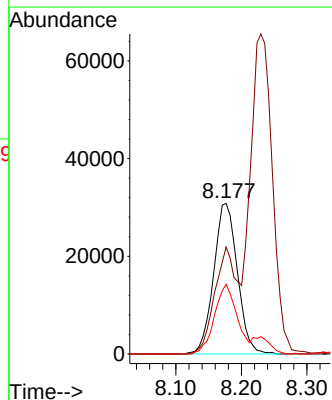
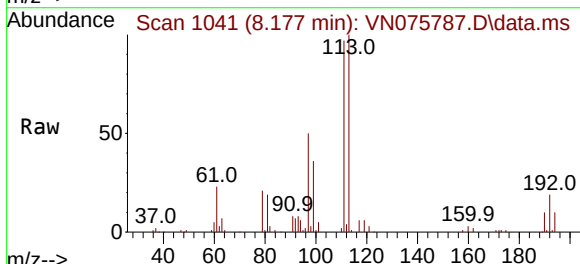
Delta R.T. 0.006 min

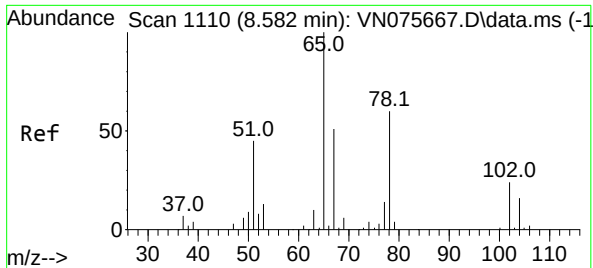
Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Tgt Ion: 97 Resp: 77309

Ion	Ratio	Lower	Upper
97	100		
99	68.7	50.2	75.2
61	43.9	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 53.453 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

Tgt Ion: 65 Resp: 16425

Ion Ratio Lower Upper

65 100

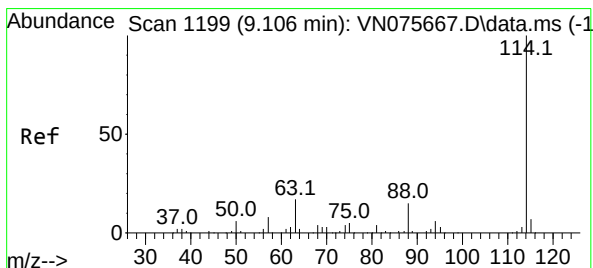
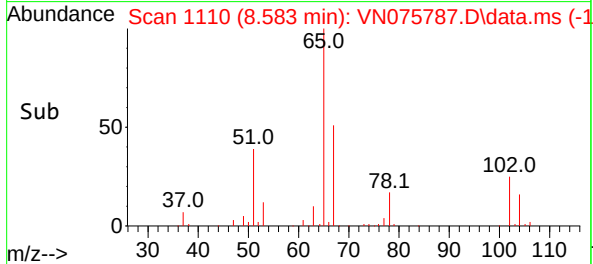
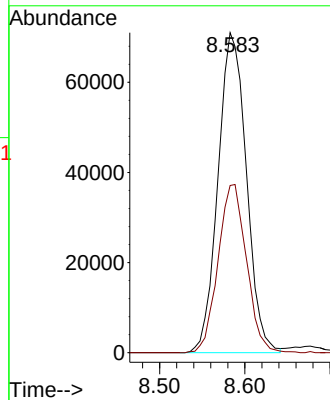
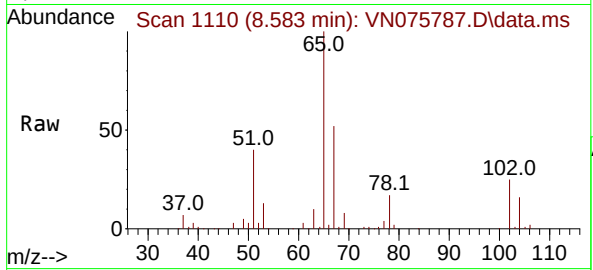
67 52.7 0.0 103.4

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: VN075787.D

Acq: 15 Dec 2022 00:04

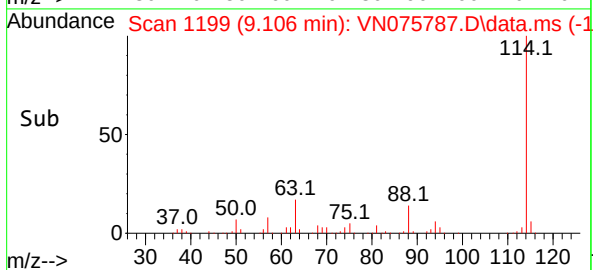
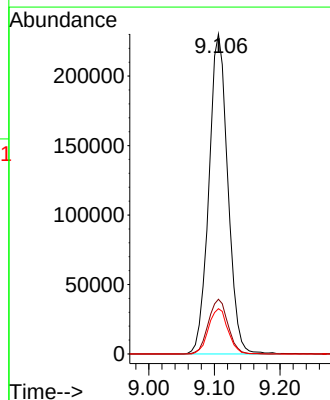
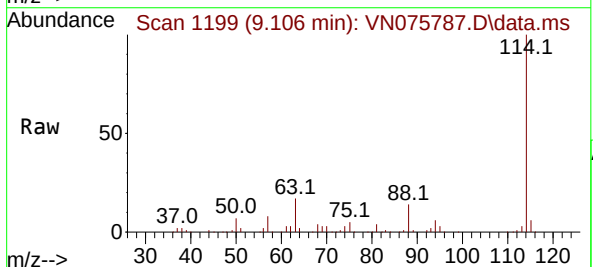
Tgt Ion:114 Resp: 462156

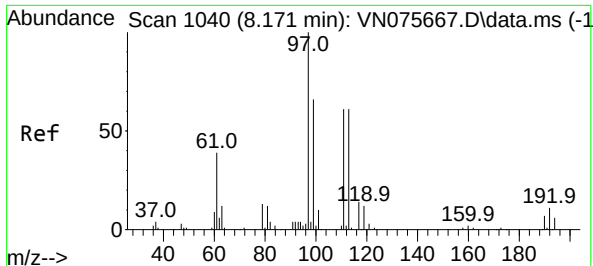
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.4

88 14.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 52.195 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

Tgt Ion:113 Resp: 14938

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

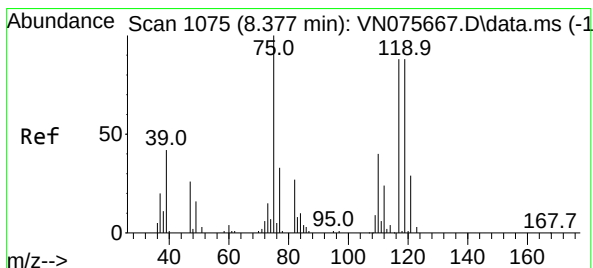
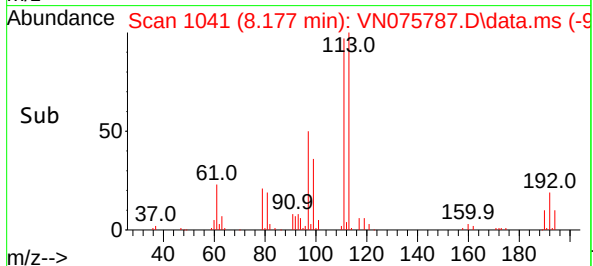
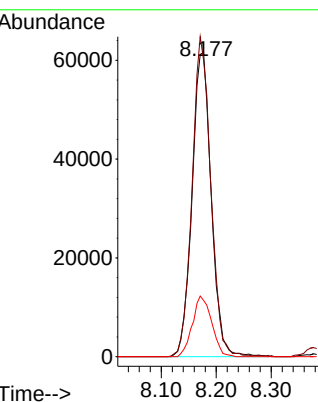
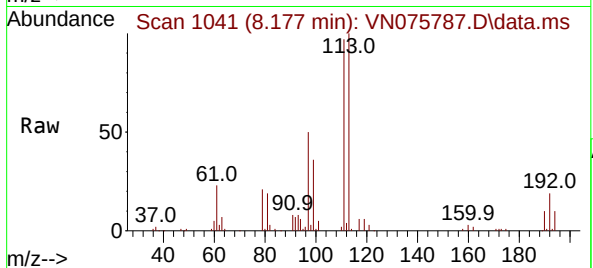
192 20.0 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#36

1,1-Dichloropropene

Concen: 16.057 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

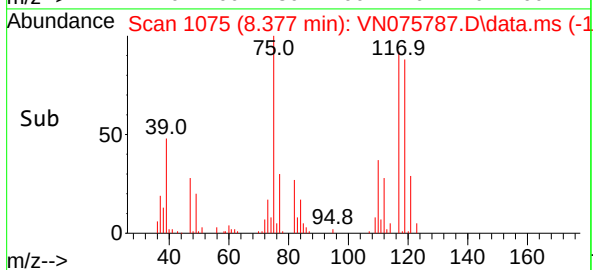
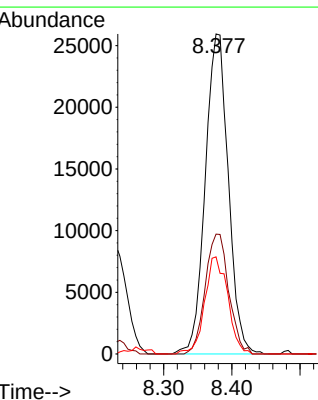
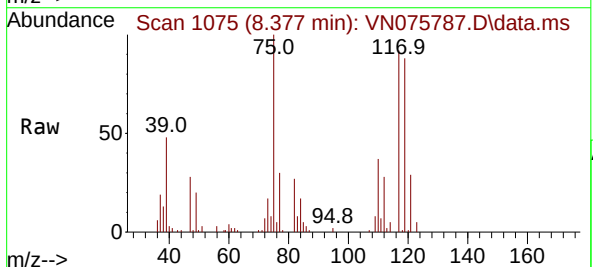
Tgt Ion: 75 Resp: 61050

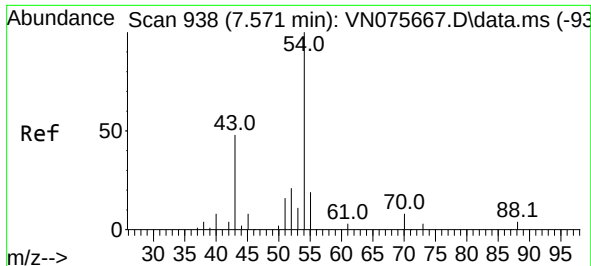
Ion Ratio Lower Upper

75 100

110 38.2 18.8 56.4

77 30.4 24.1 36.1





#37

Ethyl Acetate

Concen: 17.700 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

Tgt Ion: 43 Resp: 5405

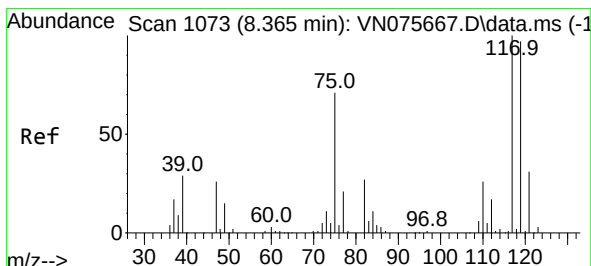
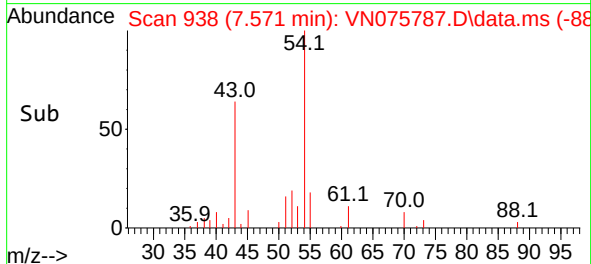
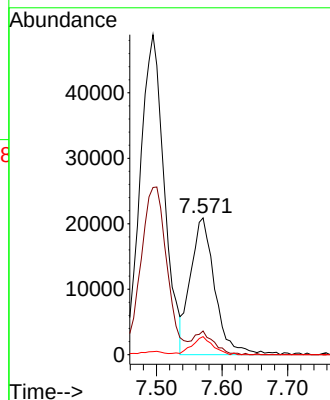
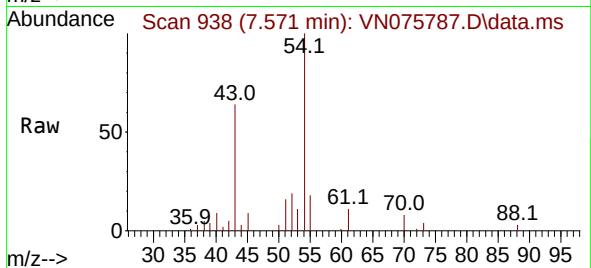
Ion	Ratio	Lower	Upper
43	100		
61	14.5	13.0	19.4
70	11.3	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#38

Carbon Tetrachloride

Concen: 16.345 ug/l

RT: 8.371 min Scan# 1074

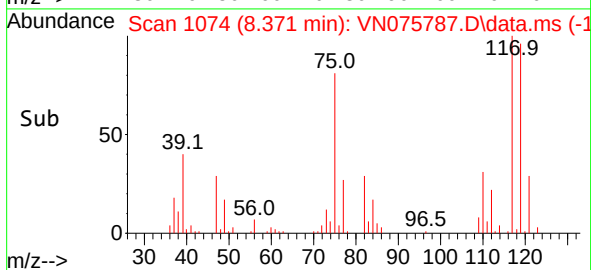
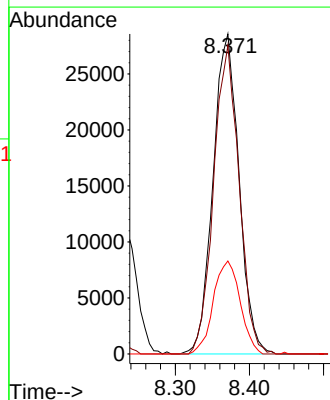
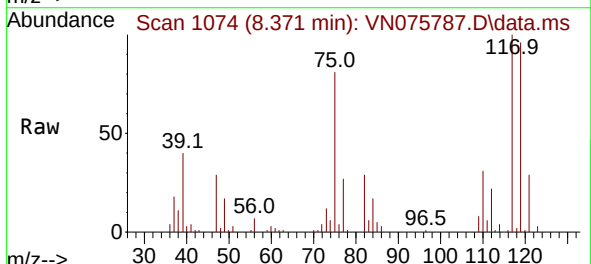
Delta R.T. 0.006 min

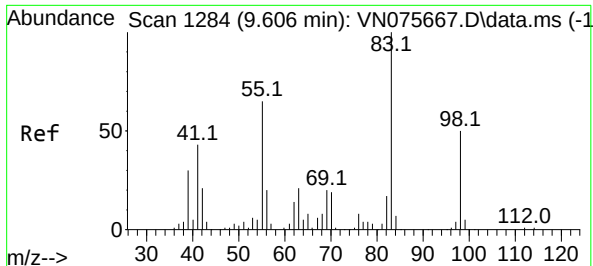
Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Tgt Ion: 117 Resp: 69553

Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.1	114.1
121	29.0	24.5	36.7





#39

Methylcyclohexane

Concen: 16.598 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

Tgt Ion: 83 Resp: 76134

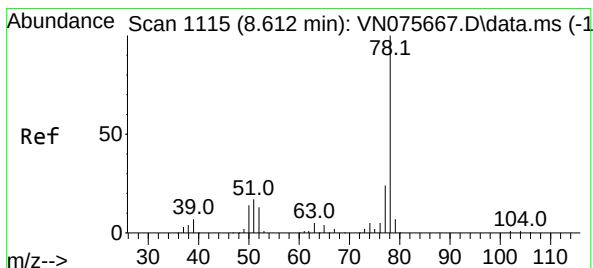
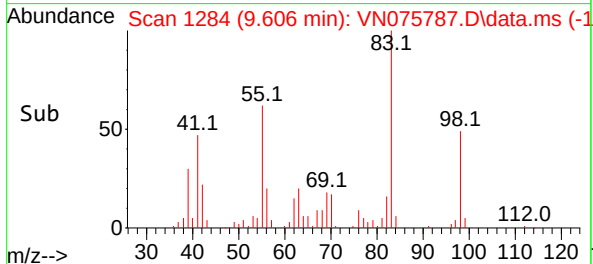
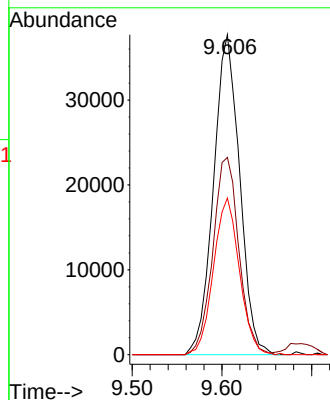
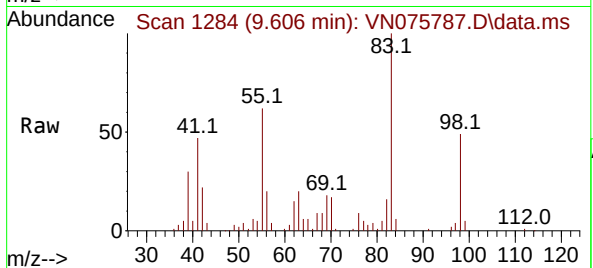
Ion	Ratio	Lower	Upper
83	100		
55	61.6	51.4	77.0
98	48.9	39.8	59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#40

Benzene

Concen: 16.622 ug/l

RT: 8.612 min Scan# 1115

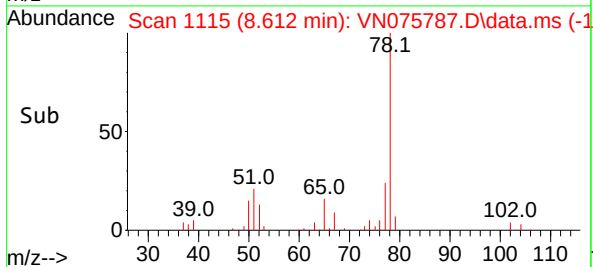
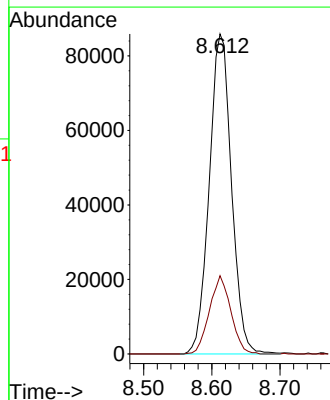
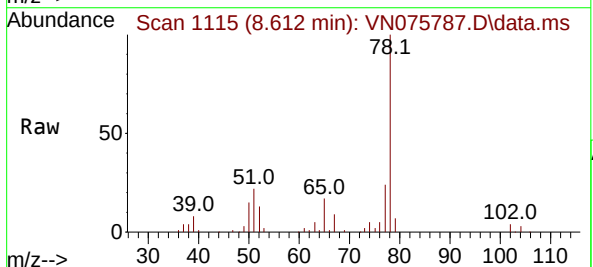
Delta R.T. 0.000 min

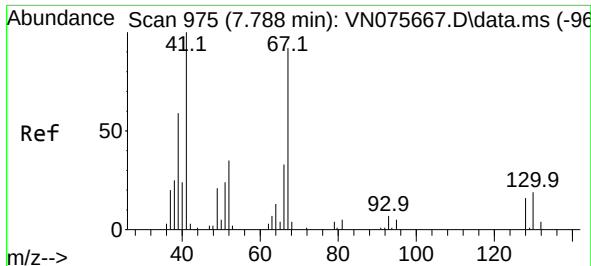
Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Tgt Ion: 78 Resp: 194983

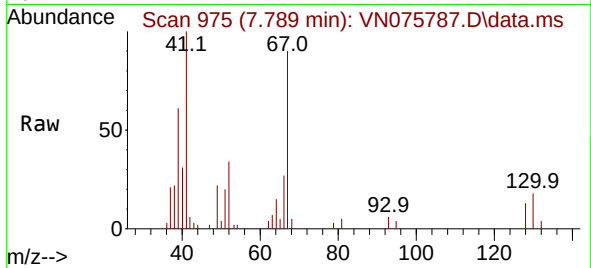
Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.5	27.7





#41
Methacrylonitrile
Concen: 16.547 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

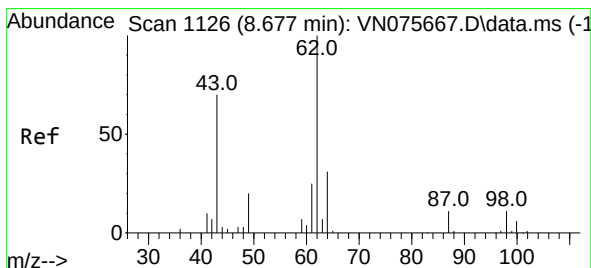
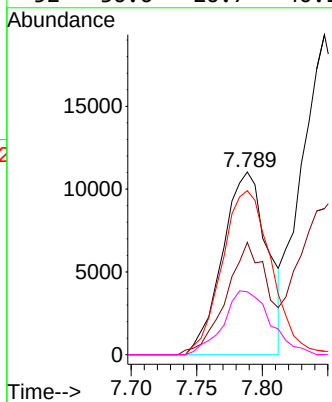
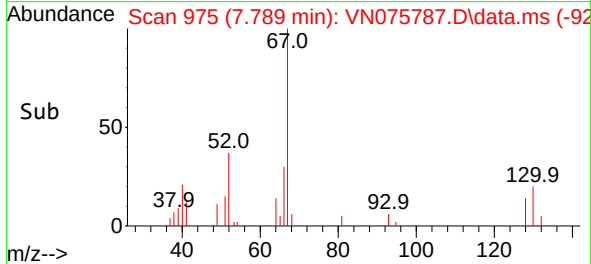
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion: 41 Resp: 2626
Ion Ratio Lower Upper
41 100
39 56.9 43.1 64.7
67 99.3 70.7 106.1
52 36.6 26.7 40.1

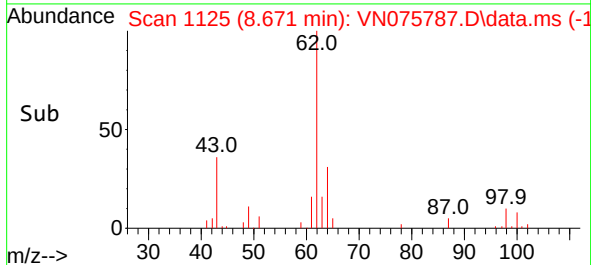
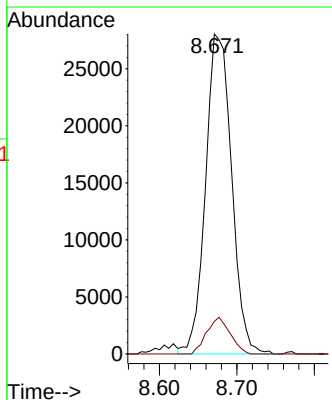
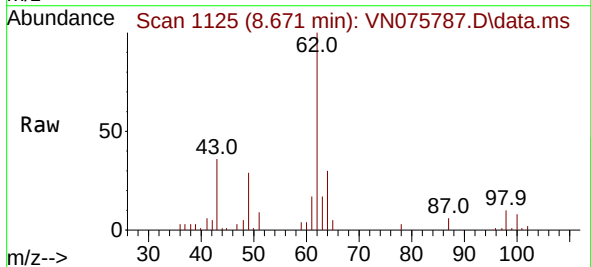
Manual Integrations
APPROVED

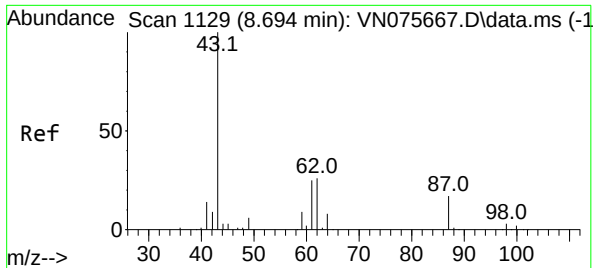
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#42
1,2-Dichloroethane
Concen: 16.825 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

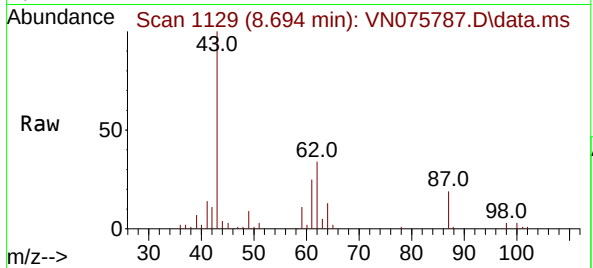
Tgt Ion: 62 Resp: 65615
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.8





#43
Isopropyl Acetate
Concen: 17.222 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

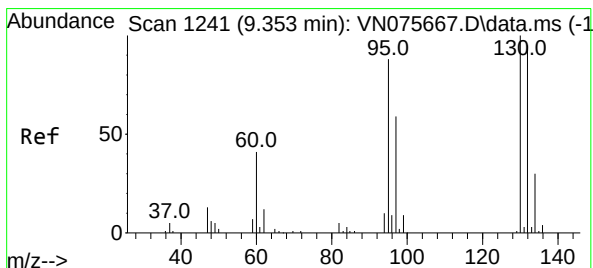
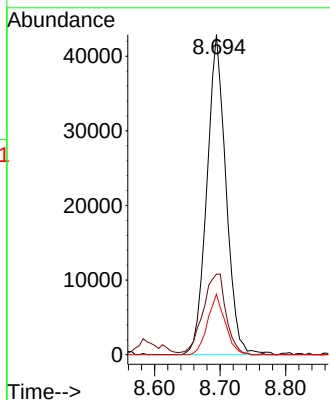
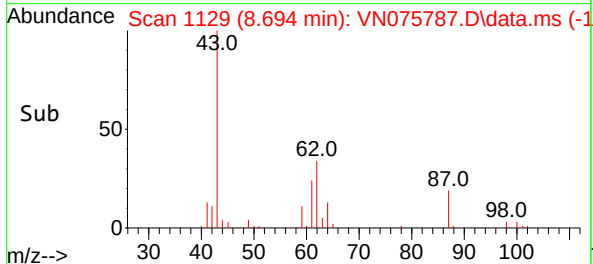
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



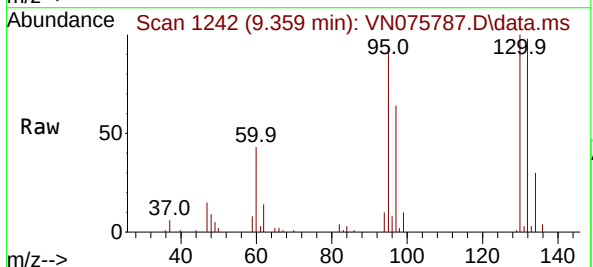
Tgt Ion: 43 Resp: 8675
Ion Ratio Lower Upper
43 100
61 30.7 24.2 36.4
87 17.4 13.3 19.9

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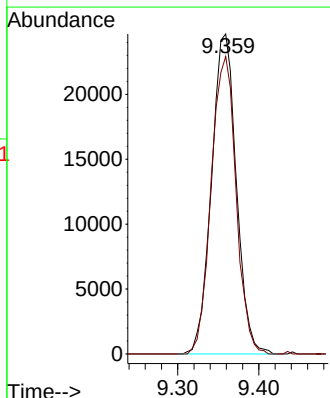
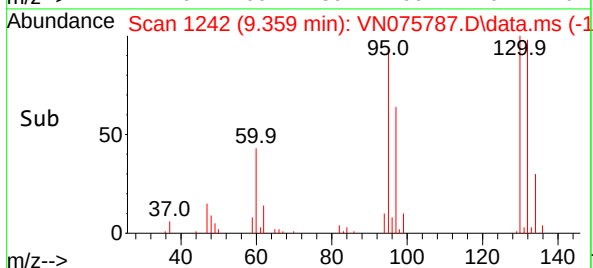
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

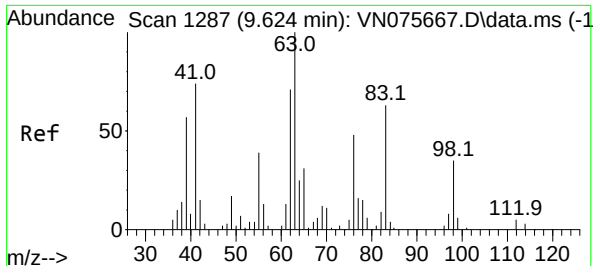


#44
Trichloroethene
Concen: 15.847 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04



Tgt Ion:130 Resp: 52368
Ion Ratio Lower Upper
130 100
95 92.9 0.0 195.4





#45

1,2-Dichloropropane

Concen: 16.456 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

Tgt Ion: 63 Resp: 4697

Ion Ratio Lower Upper

63 100

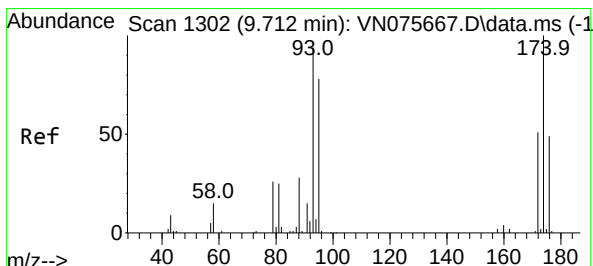
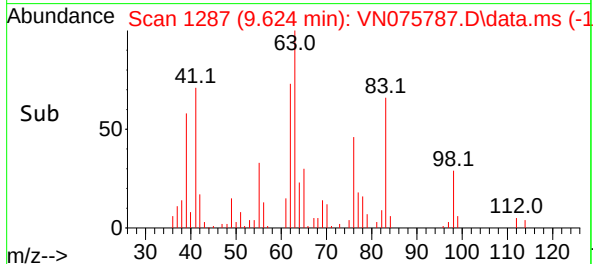
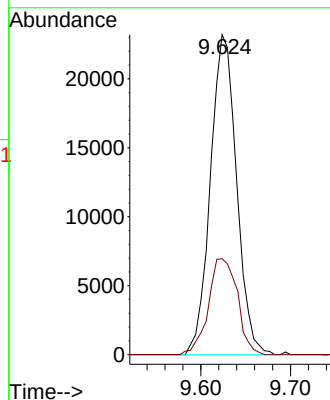
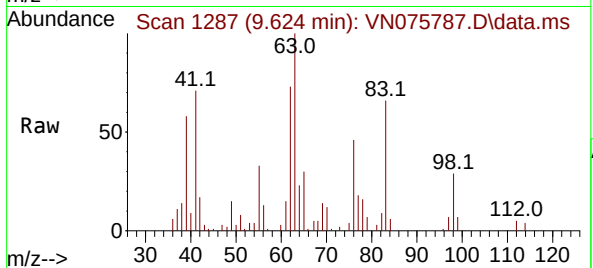
65 30.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 17.106 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

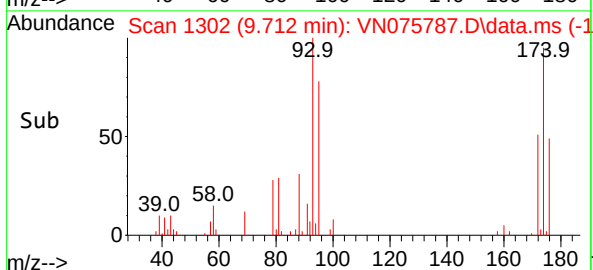
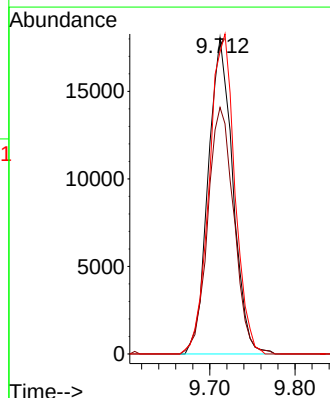
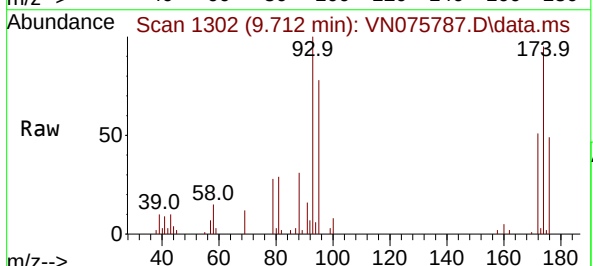
Tgt Ion: 93 Resp: 36217

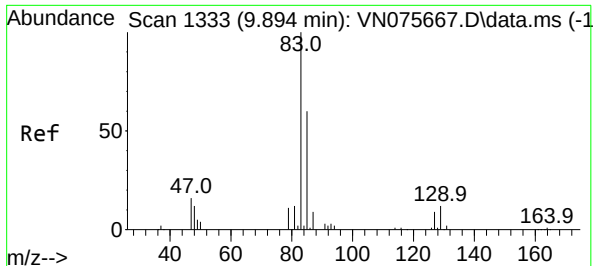
Ion Ratio Lower Upper

93 100

95 82.9 65.2 97.8

174 105.1 82.4 123.6





#47

Bromodichloromethane

Concen: 16.891 ug/l

RT: 9.894 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

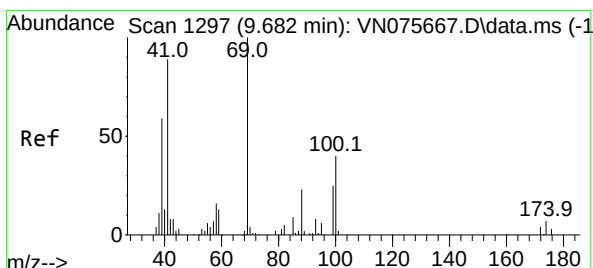
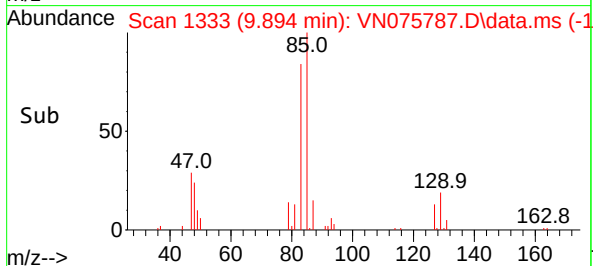
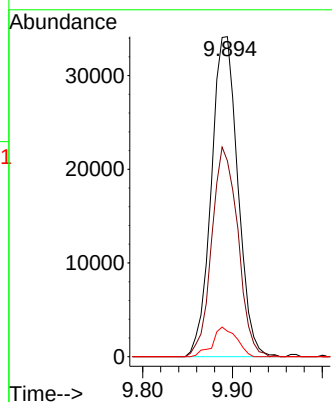
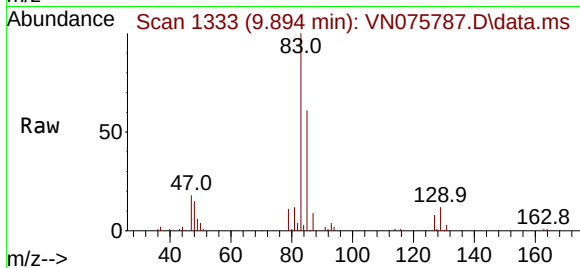
Tgt Ion: 83	Resp: 7013
Ion Ratio	Lower Upper
83 100	
85 61.2	51.5 77.3
127 7.9	6.6 10.0

Manual Integrations

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#48

Methyl methacrylate

Concen: 17.208 ug/l

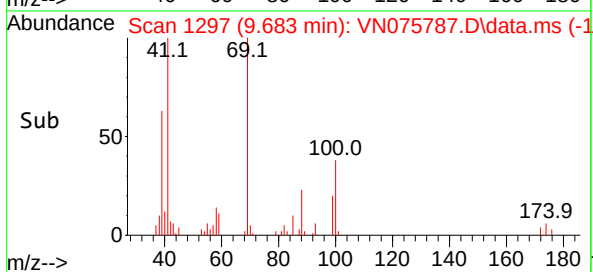
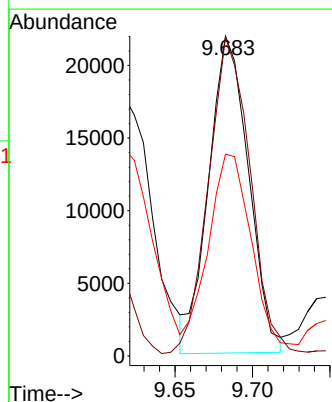
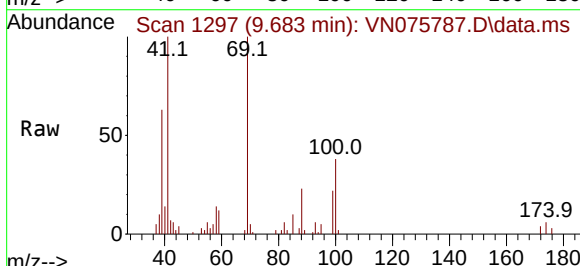
RT: 9.683 min Scan# 1297

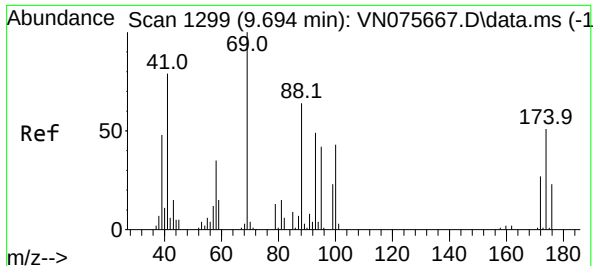
Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Tgt Ion: 41	Resp: 39043
Ion Ratio	Lower Upper
41 100	
69 106.7	81.9 122.9
39 71.4	51.6 77.4





#49

1,4-Dioxane

Concen: 346.146 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

Tgt Ion: 88 Resp: 19308

Ion Ratio Lower Upper

88 100

43 25.8 17.1 25.7

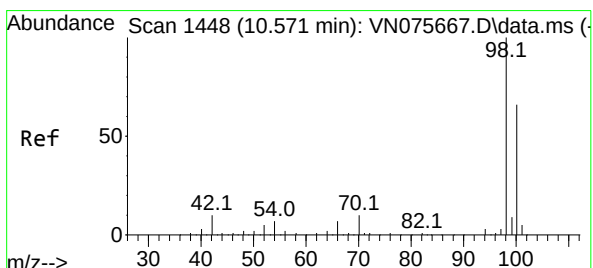
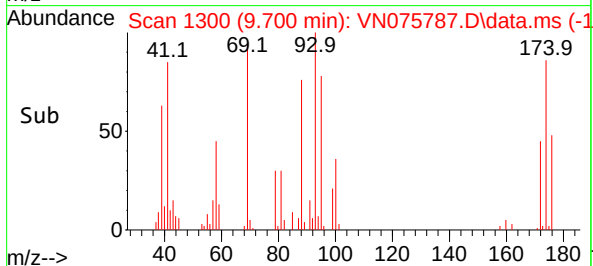
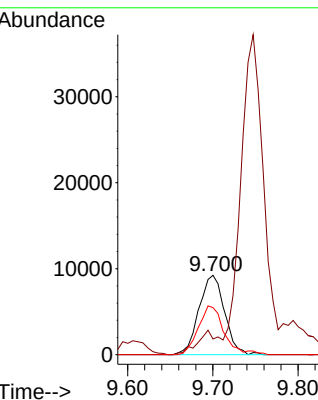
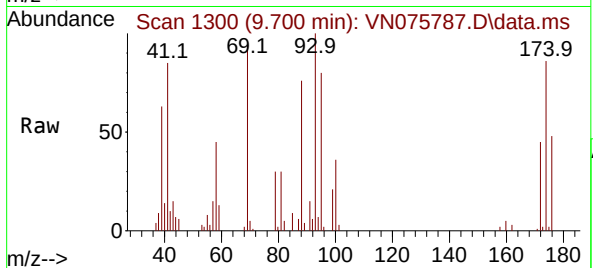
58 61.6 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 51.266 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075787.D

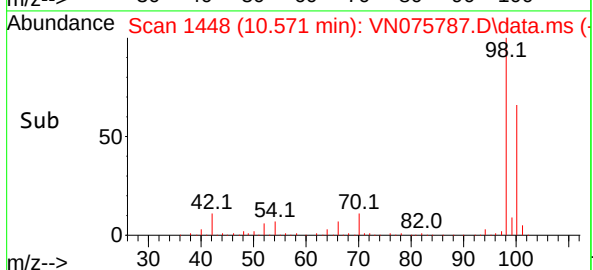
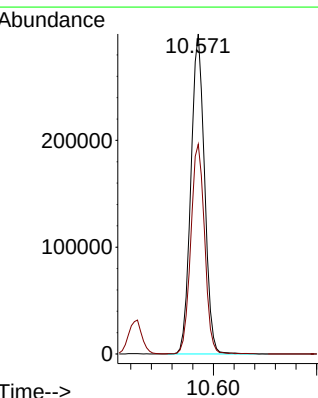
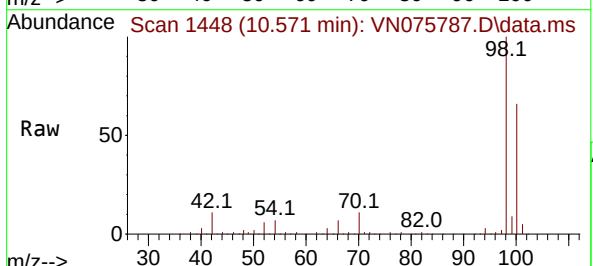
Acq: 15 Dec 2022 00:04

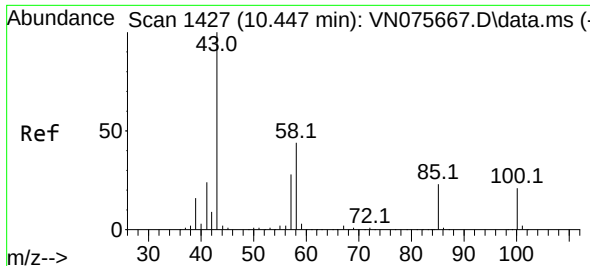
Tgt Ion: 98 Resp: 548596

Ion Ratio Lower Upper

98 100

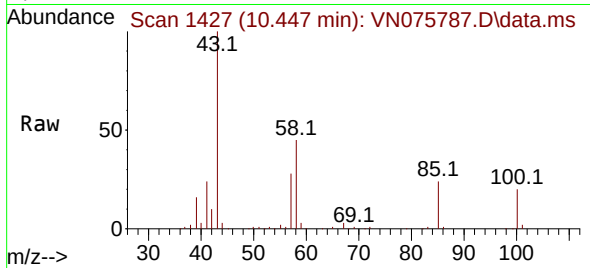
100 65.8 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 88.749 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

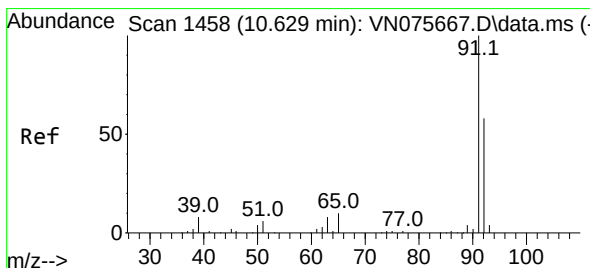
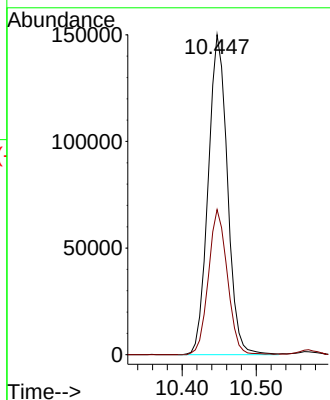
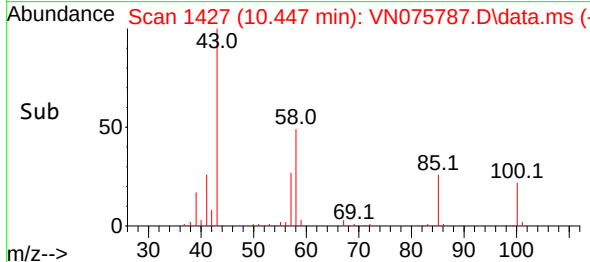
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



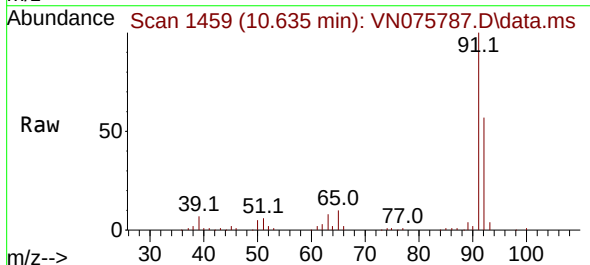
Tgt Ion: 43 Resp: 270380
Ion Ratio Lower Upper
43 100
58 44.7 35.5 53.3

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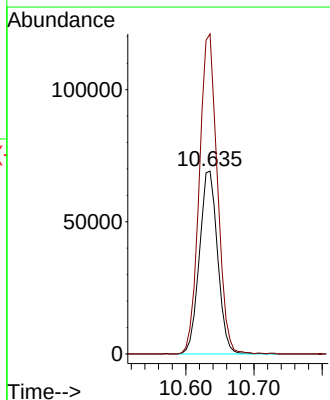
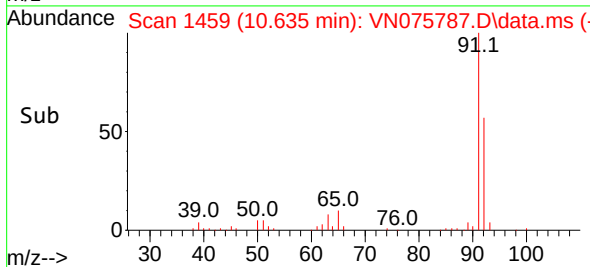
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

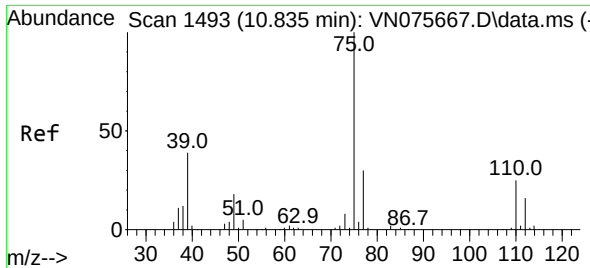


#52
Toluene
Concen: 16.806 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04



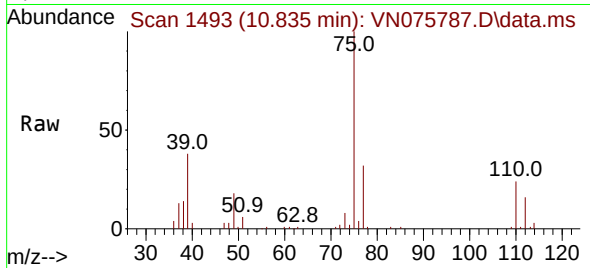
Tgt Ion: 92 Resp: 128393
Ion Ratio Lower Upper
92 100
91 173.9 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 16.299 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN075787.D
 Acq: 15 Dec 2022 00:04

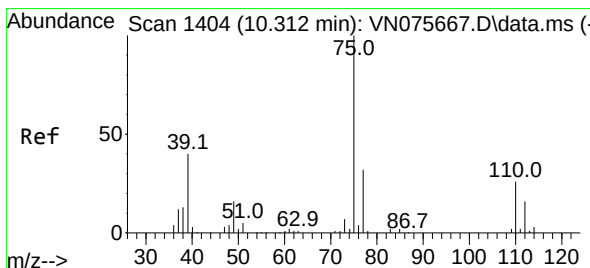
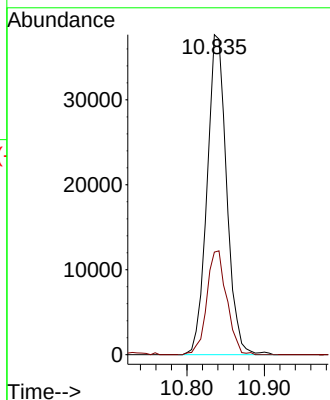
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBSD02



Tgt Ion: 75 Resp: 6624
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.9 37.3

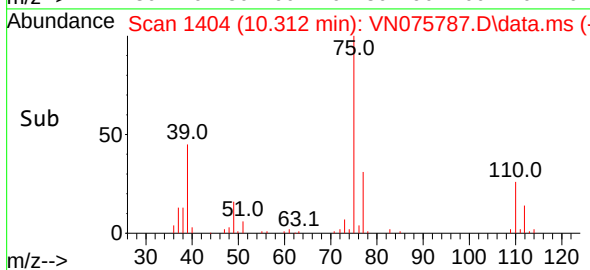
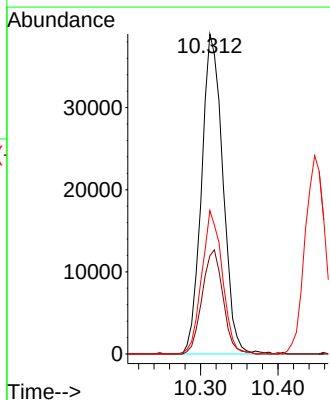
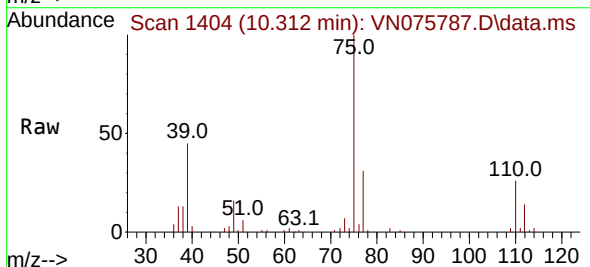
Manual Integrations
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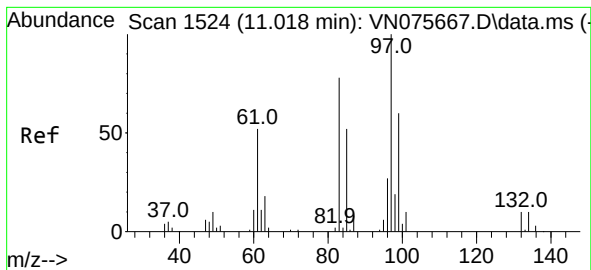
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#54
 cis-1,3-Dichloropropene
 Concen: 16.674 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. 0.000 min
 Lab File: VN075787.D
 Acq: 15 Dec 2022 00:04

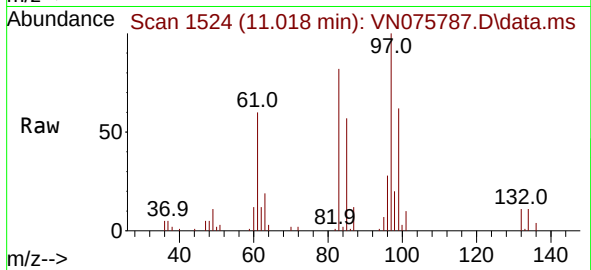
Tgt Ion: 75 Resp: 74405
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.8 38.8
 39 44.8 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 17.132 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

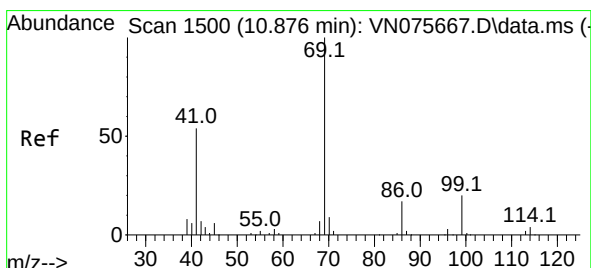
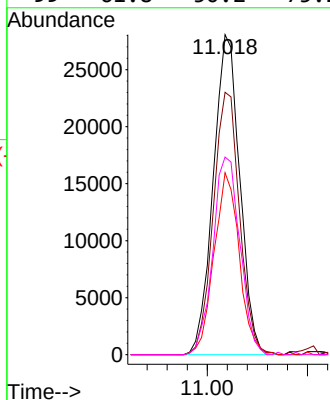
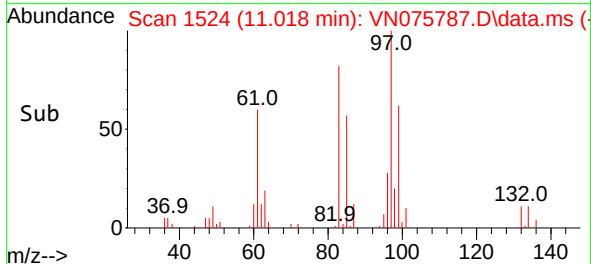
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.0	65.0	97.4
85	56.8	43.0	64.6
99	61.8	50.2	75.2

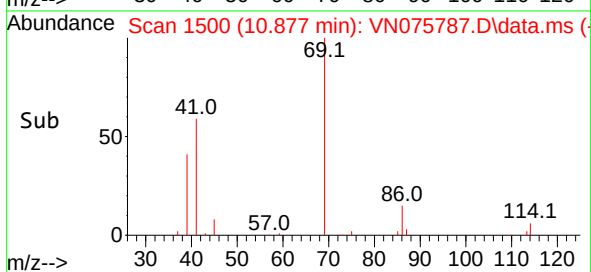
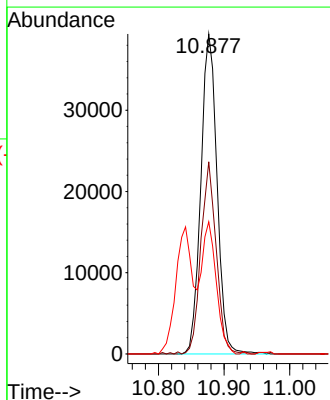
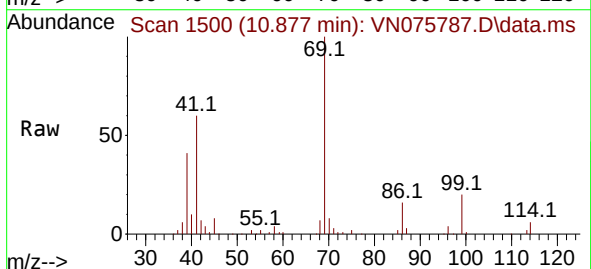
Manual Integrations
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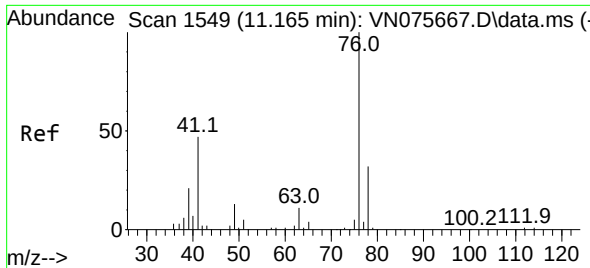
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#56
Ethyl methacrylate
Concen: 17.042 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.0	44.2	66.4
39	36.8	26.4	39.6





#57

1,3-Dichloropropane

Concen: 16.773 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

Tgt Ion: 76 Resp: 8250

Ion Ratio Lower Upper

76 100

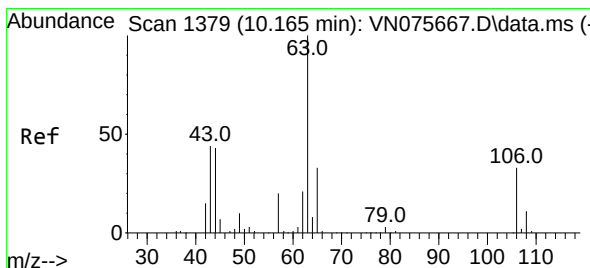
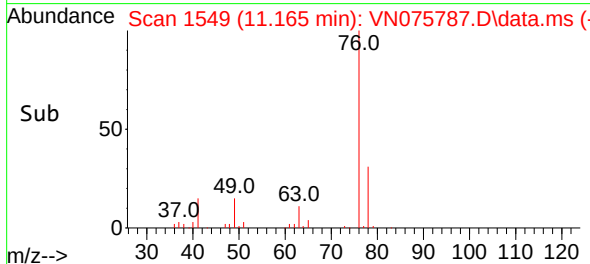
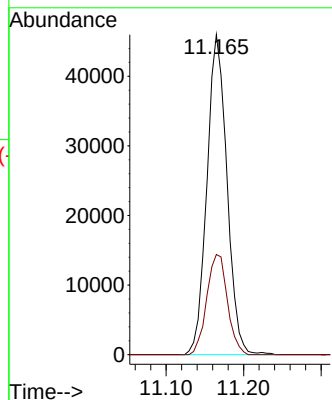
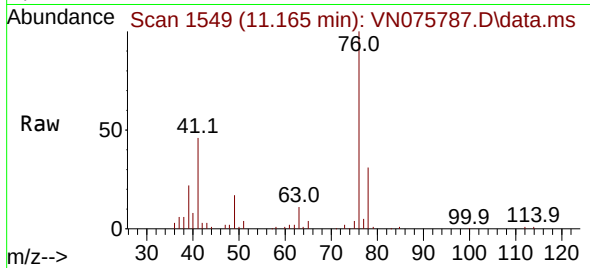
78 32.2 26.2 39.2

Manual Integrations

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 77.959 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075787.D

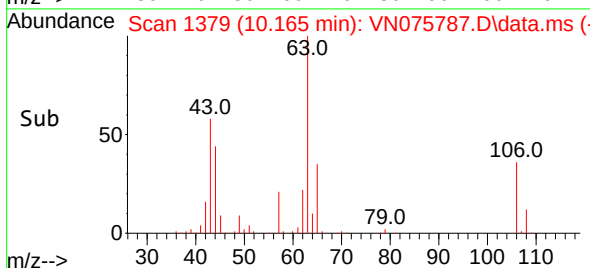
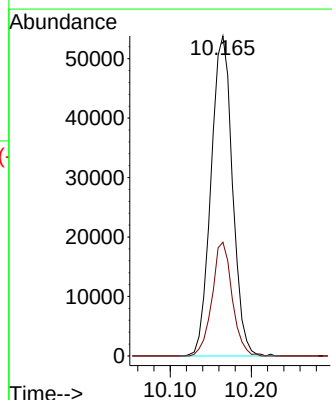
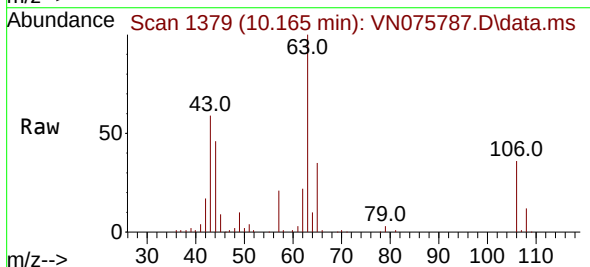
Acq: 15 Dec 2022 00:04

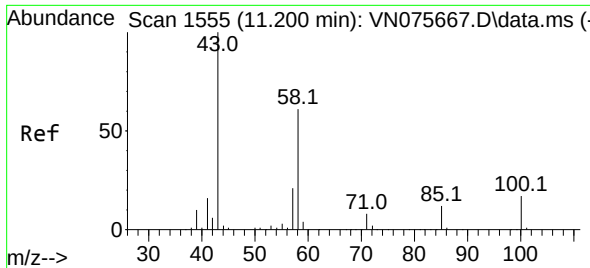
Tgt Ion: 63 Resp: 98860

Ion Ratio Lower Upper

63 100

106 33.3 26.4 39.6





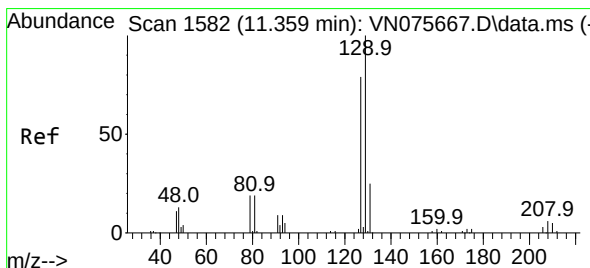
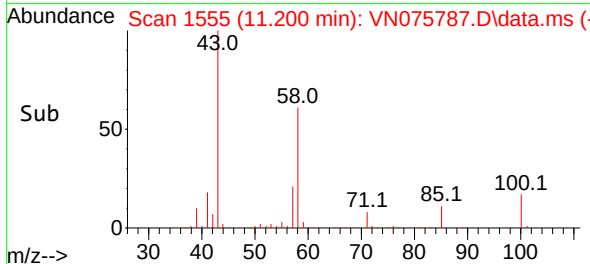
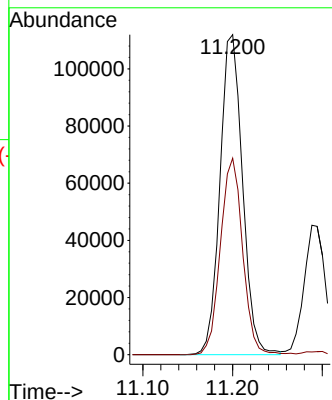
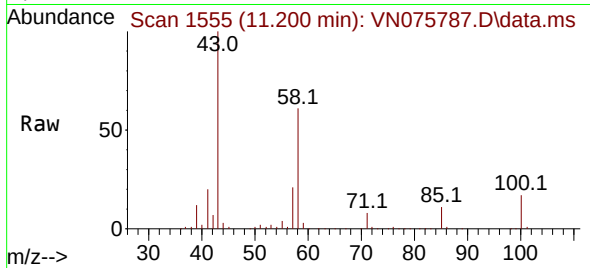
#59
2-Hexanone
Concen: 87.986 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02

Tgt Ion: 43 Resp: 195484
Ion Ratio Lower Upper
43 100
58 60.5 30.6 92.0

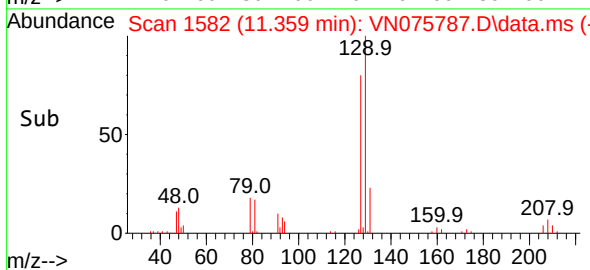
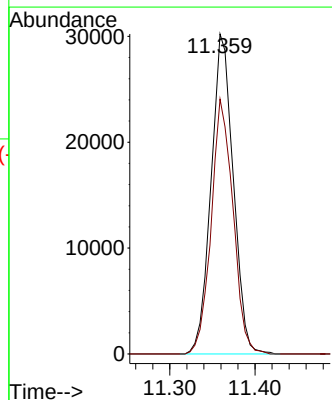
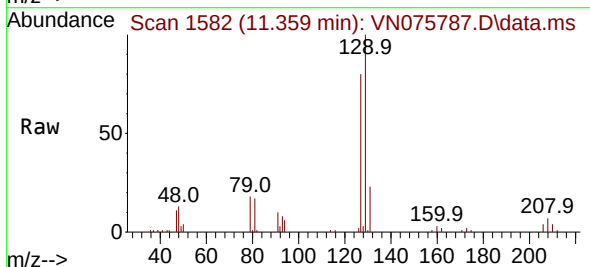
Manual Integrations
APPROVED

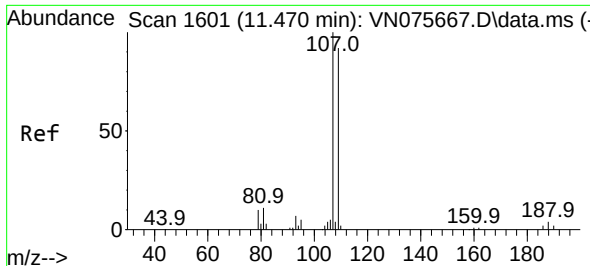
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#60
Dibromochloromethane
Concen: 16.399 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Tgt Ion:129 Resp: 54688
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.9





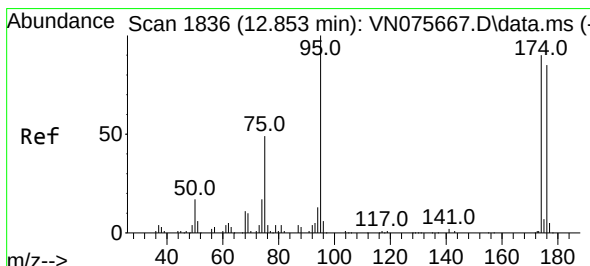
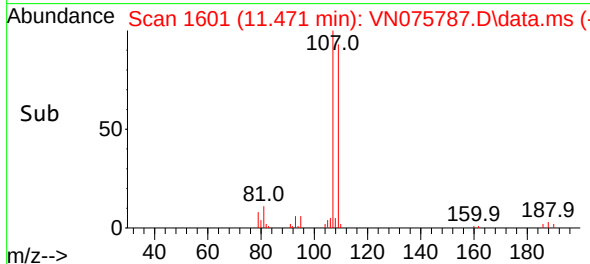
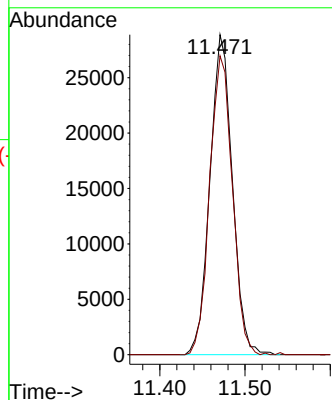
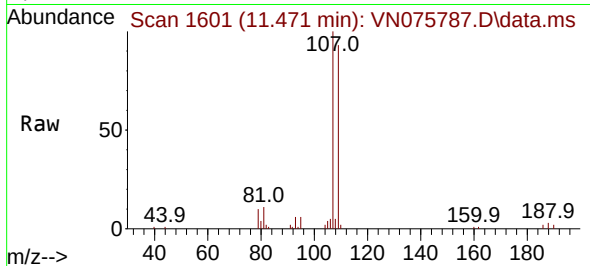
#61
1,2-Dibromoethane
Concen: 17.383 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02

Tgt Ion:107 Resp: 52750
Ion Ratio Lower Upper
107 100
109 94.5 74.8 112.2

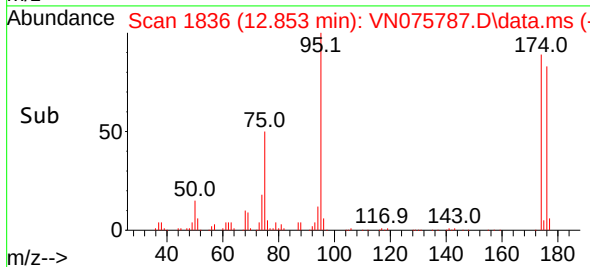
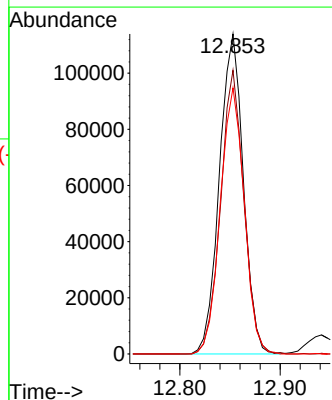
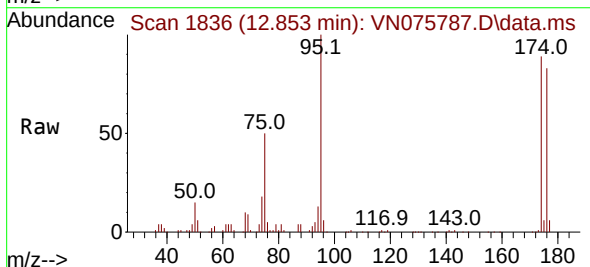
Manual Integrations
APPROVED

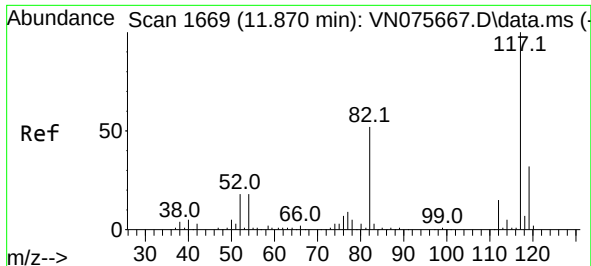
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#62
4-Bromofluorobenzene
Concen: 53.311 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

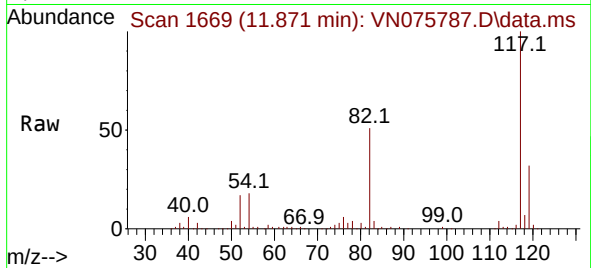
Tgt Ion: 95 Resp: 188947
Ion Ratio Lower Upper
95 100
174 85.9 0.0 171.6
176 83.4 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

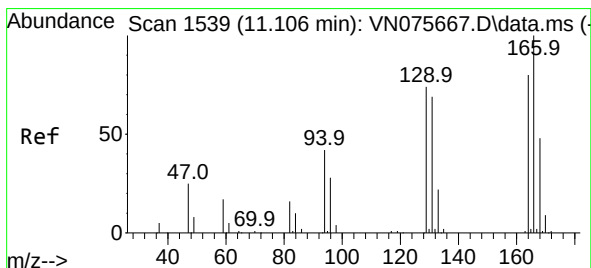
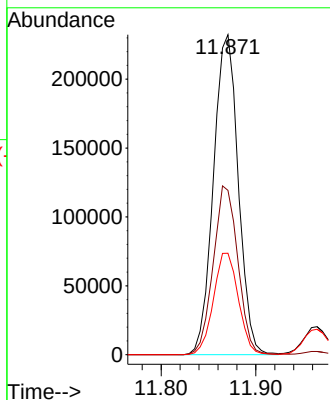
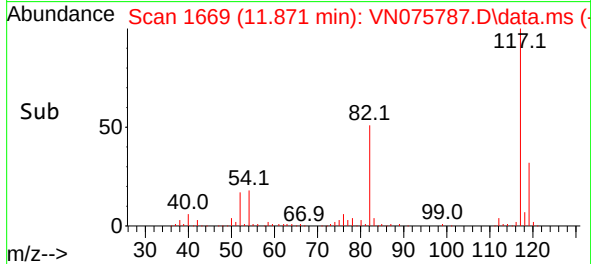
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion:117 Resp: 423375
Ion Ratio Lower Upper
117 100
82 51.3 41.3 61.9
119 31.7 24.6 37.0

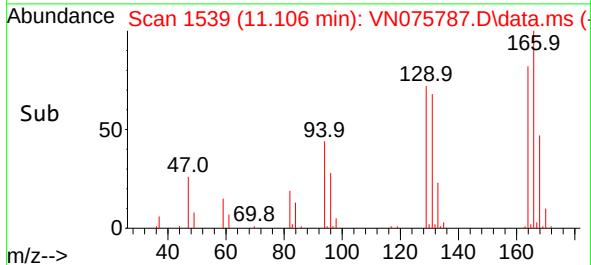
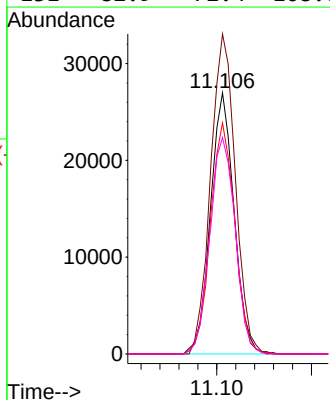
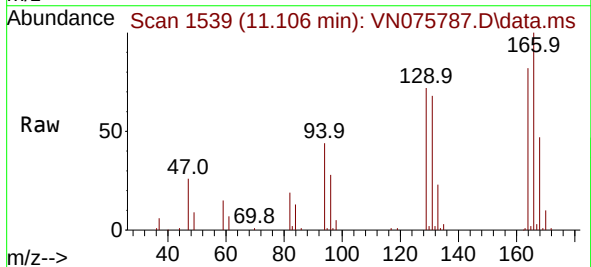
Manual Integrations
APPROVED

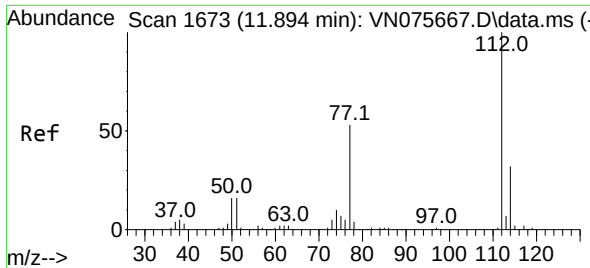
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#64
Tetrachloroethene
Concen: 15.710 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

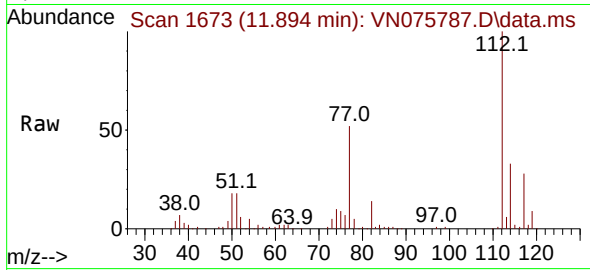
Tgt Ion:164 Resp: 46802
Ion Ratio Lower Upper
164 100
166 122.5 101.9 152.9
129 88.5 74.2 111.2
131 82.9 72.4 108.6





#65
Chlorobenzene
Concen: 16.148 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

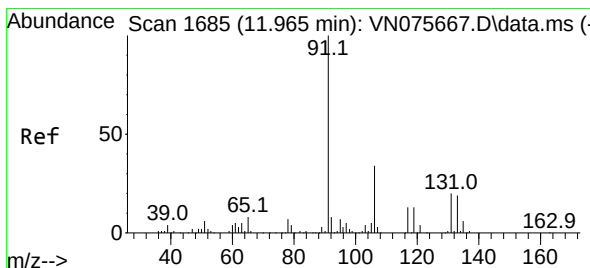
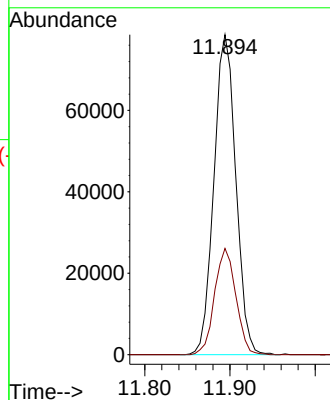
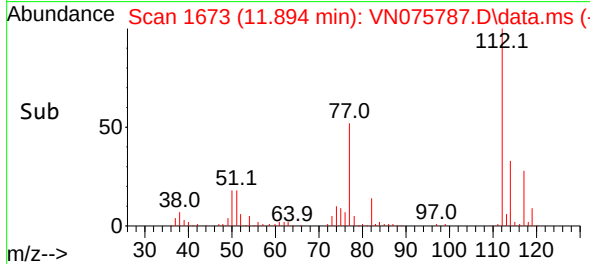
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



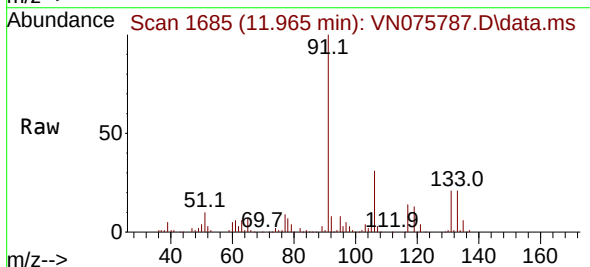
Tgt Ion:112 Resp: 140324
Ion Ratio Lower Upper
112 100
114 33.2 24.7 37.1

Manual Integrations
APPROVED

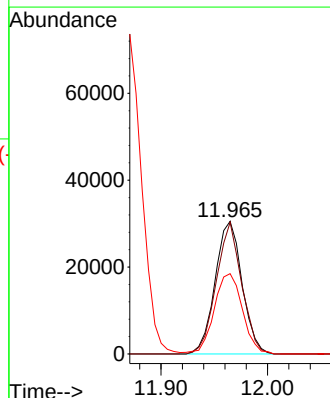
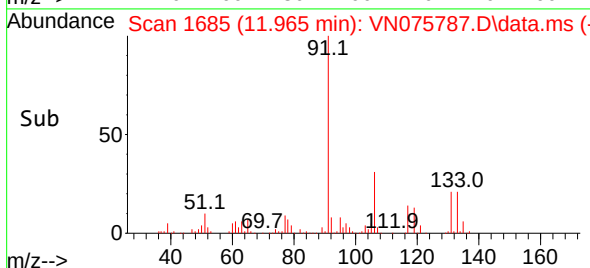
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

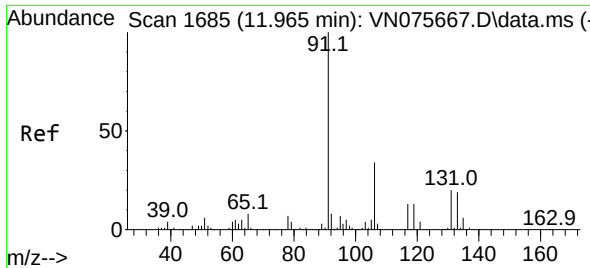


#66
1,1,1,2-Tetrachloroethane
Concen: 16.642 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04



Tgt Ion:131 Resp: 53566
Ion Ratio Lower Upper
131 100
133 93.5 47.5 142.5
119 63.6 31.9 95.7





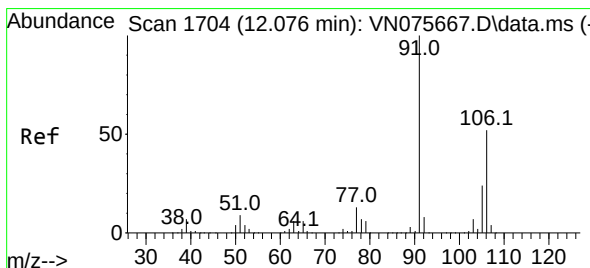
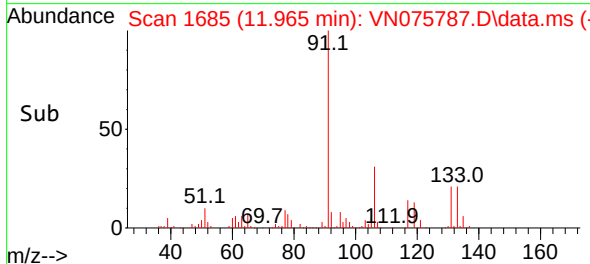
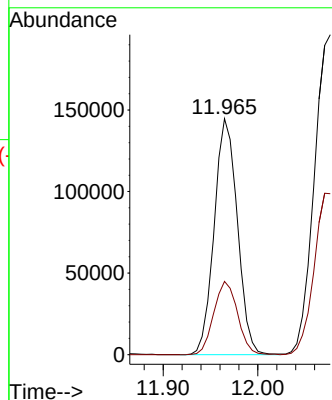
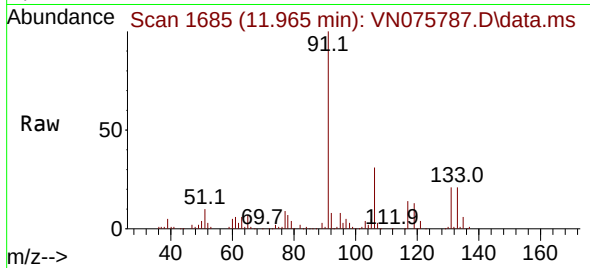
#67
Ethyl Benzene
Concen: 16.769 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02

Tgt Ion: 91 Resp: 245929
Ion Ratio Lower Upper
91 100
106 31.1 25.7 38.5

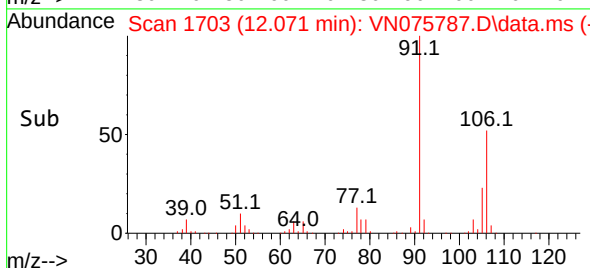
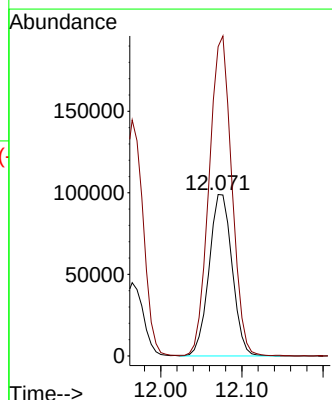
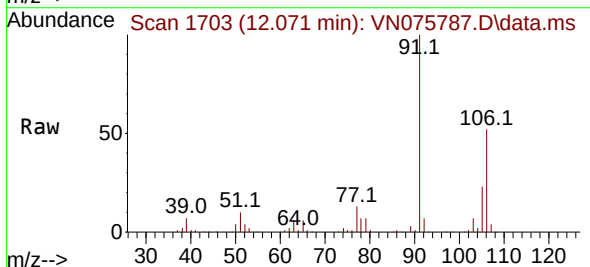
Manual Integrations
APPROVED

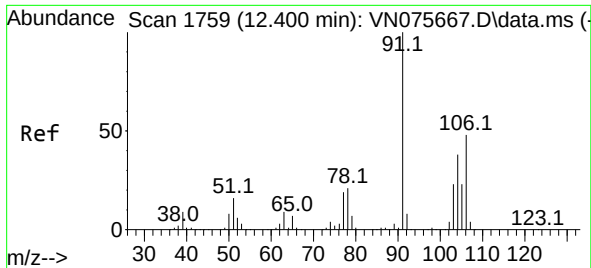
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#68
m/p-Xylenes
Concen: 33.673 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Tgt Ion:106 Resp: 195463
Ion Ratio Lower Upper
106 100
91 194.3 156.6 235.0





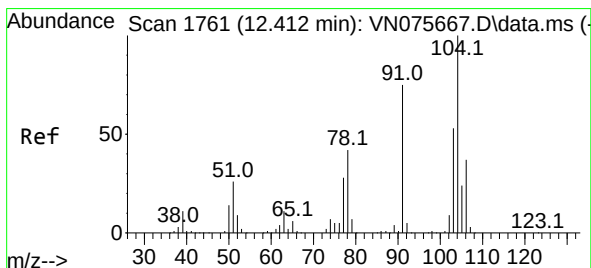
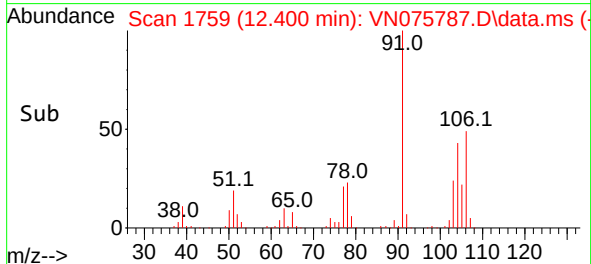
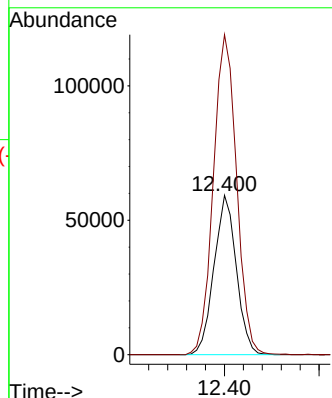
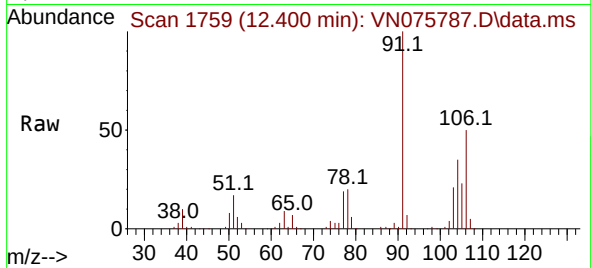
#69
o-Xylene
Concen: 16.869 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02

Tgt Ion:106 Resp: 96900
Ion Ratio Lower Upper
106 100
91 209.1 103.8 311.6

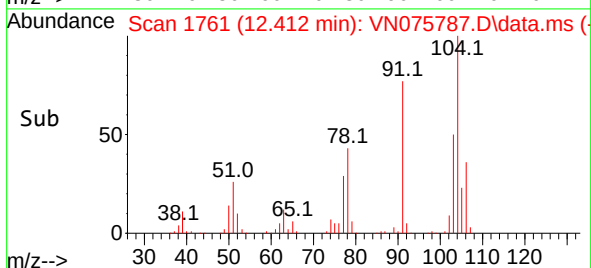
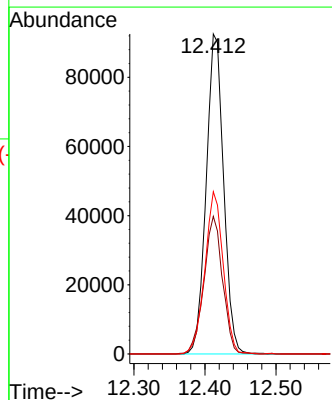
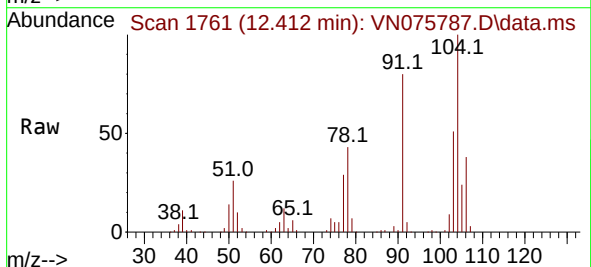
Manual Integrations
APPROVED

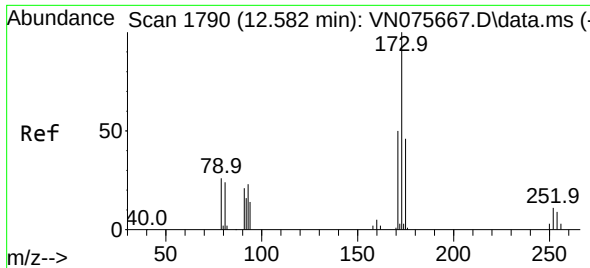
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 17.281 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

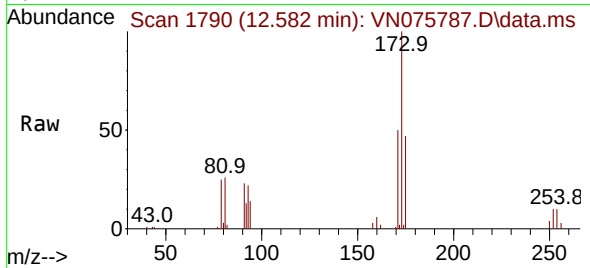
Tgt Ion:104 Resp: 157841
Ion Ratio Lower Upper
104 100
78 46.1 37.5 56.3
103 53.4 43.5 65.3





#71
Bromoform
Concen: 17.150 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

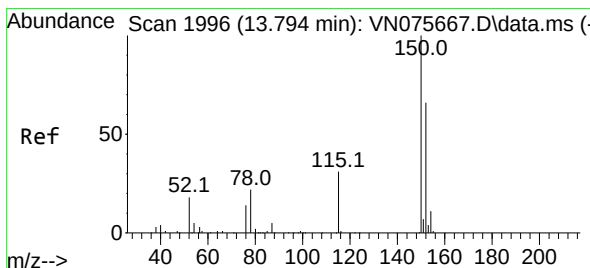
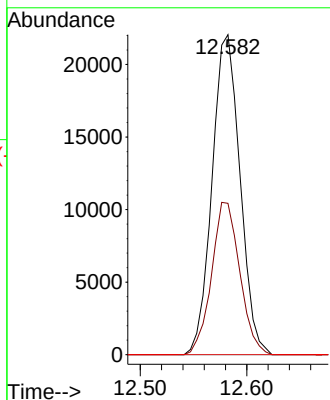
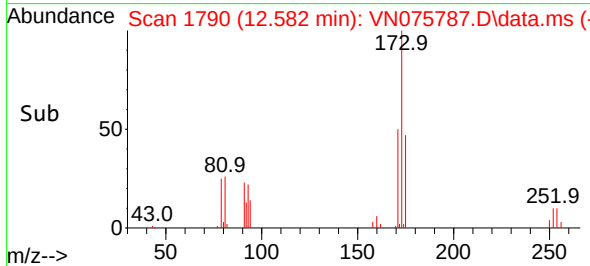
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



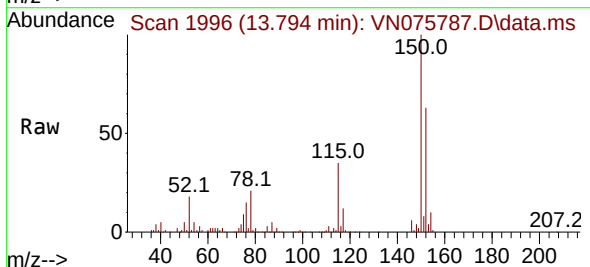
Tgt Ion:173 Resp: 4016
Ion Ratio Lower Upper
173 100
175 48.1 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

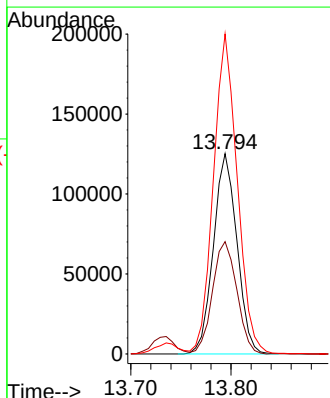
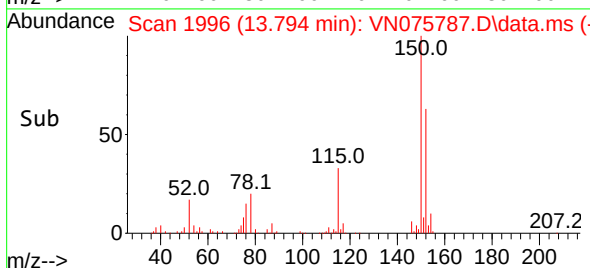
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

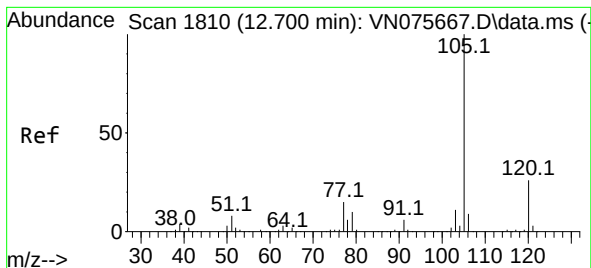


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04



Tgt Ion:152 Resp: 204077
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.4
150 161.8 0.0 347.0





#73

Isopropylbenzene

Concen: 16.828 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

Tgt Ion:105 Resp: 24817

Ion Ratio Lower Upper

105 100

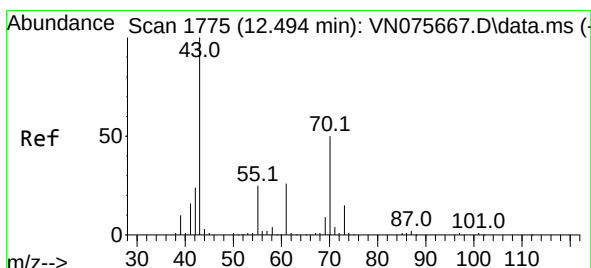
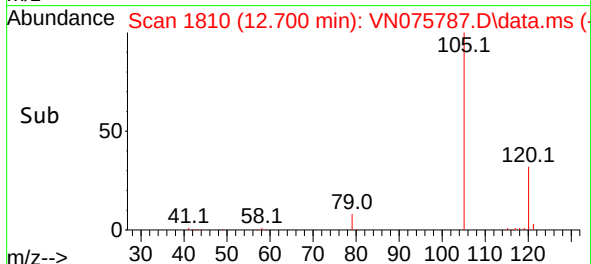
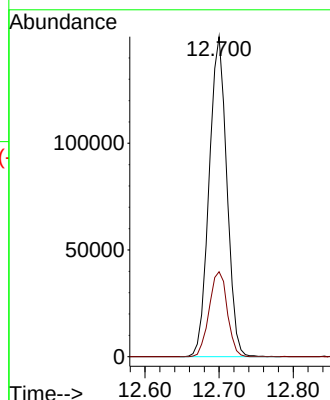
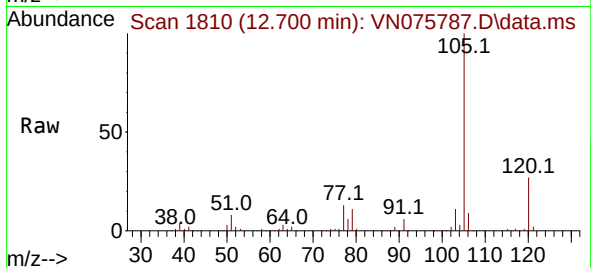
120 27.2 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#74

N-ethyl acetate

Concen: 17.603 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Tgt Ion: 43 Resp: 76158

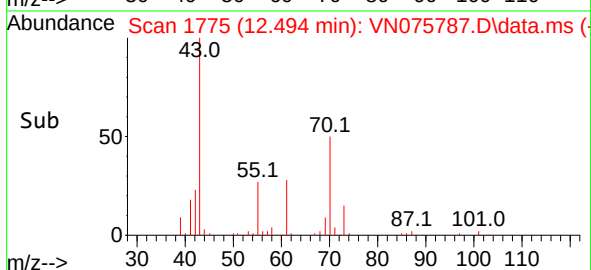
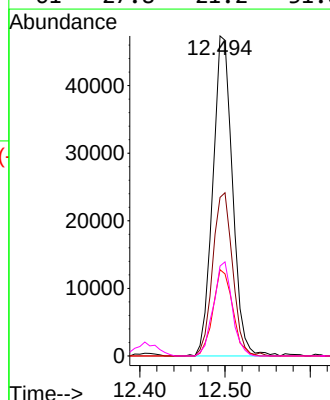
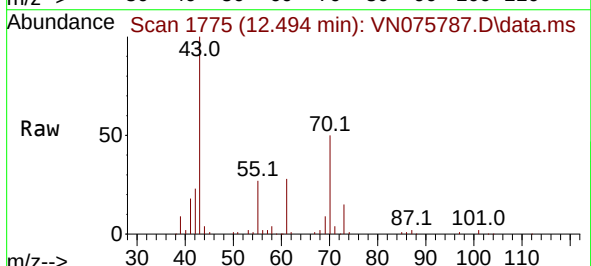
Ion Ratio Lower Upper

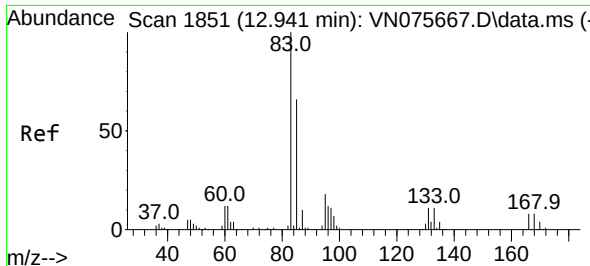
43 100

70 51.7 41.4 62.0

55 27.1 21.3 31.9

61 27.8 21.2 31.8





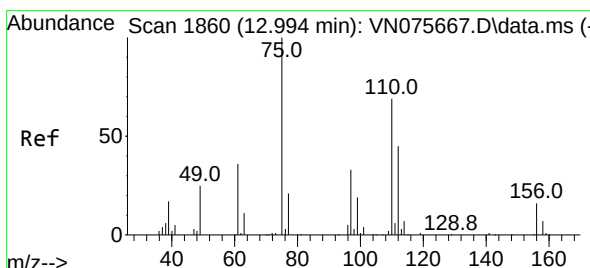
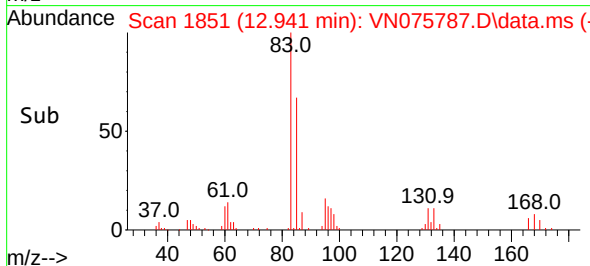
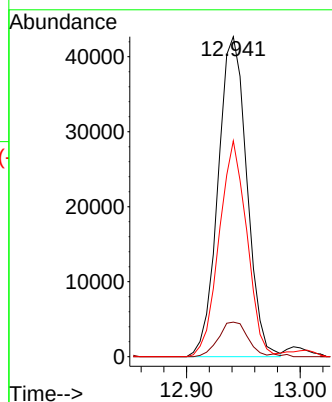
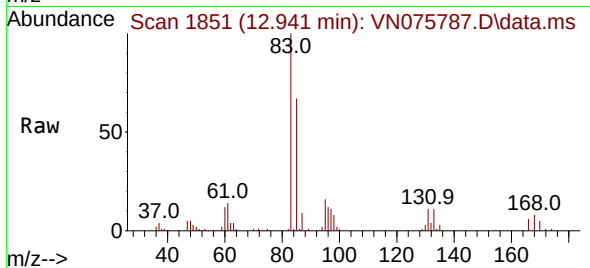
#75
1,1,2,2-Tetrachloroethane
Concen: 16.493 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02

Tgt Ion: 83 Resp: 75192
Ion Ratio Lower Upper
83 100
131 11.3 5.6 16.8
85 65.0 32.6 98.0

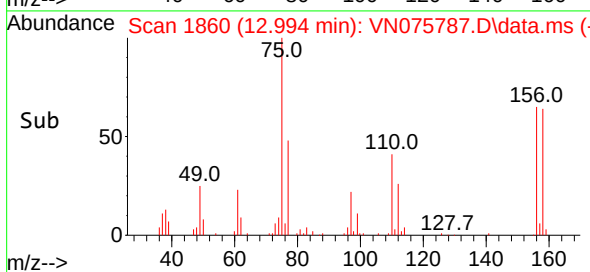
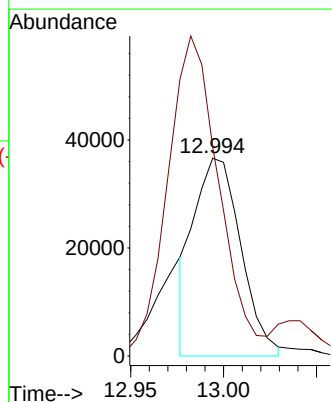
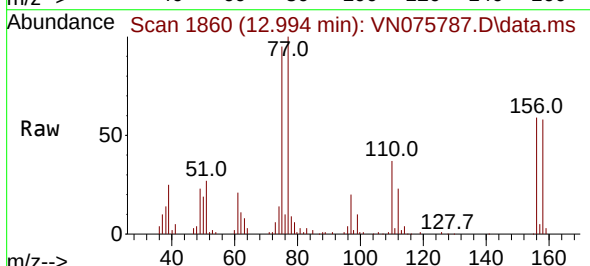
Manual Integrations
APPROVED

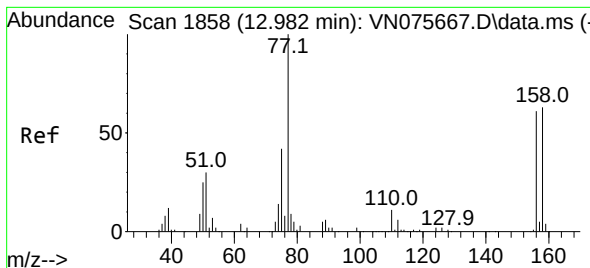
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#76
1,2,3-Trichloropropane
Concen: 15.621 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Tgt Ion: 75 Resp: 64260
Ion Ratio Lower Upper
75 100
77 177.7 82.6 247.8





#77

Bromobenzene

Concen: 16.536 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

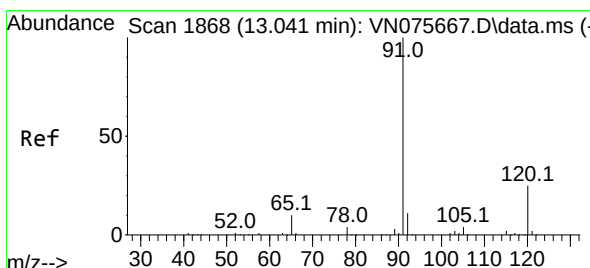
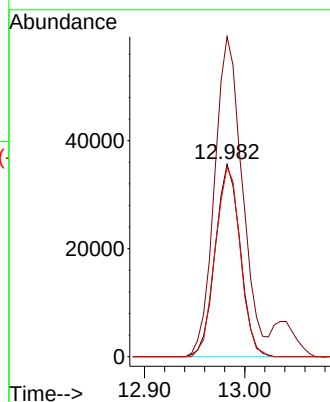
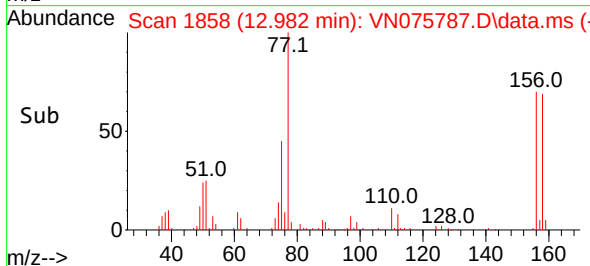
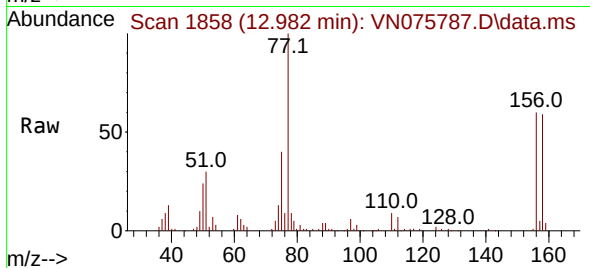
Tgt Ion:156 Resp: 61710
 Ion Ratio Lower Upper
 156 100
 77 185.0 93.8 281.3
 158 98.8 48.9 146.6

Manual Integrations

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#78

n-propylbenzene

Concen: 17.105 ug/l

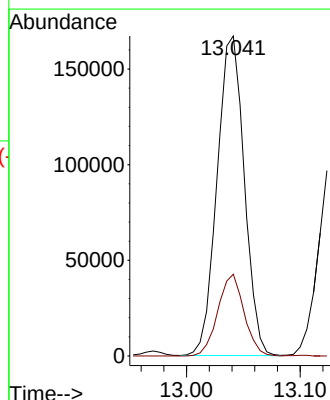
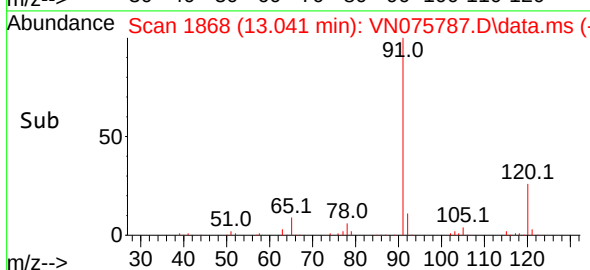
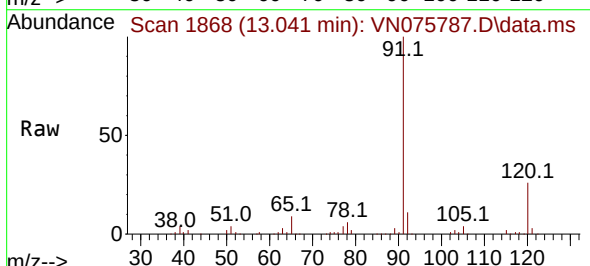
RT: 13.041 min Scan# 1868

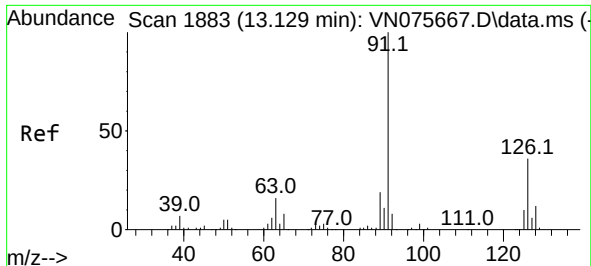
Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Tgt Ion: 91 Resp: 278226
 Ion Ratio Lower Upper
 91 100
 120 24.5 12.0 36.1





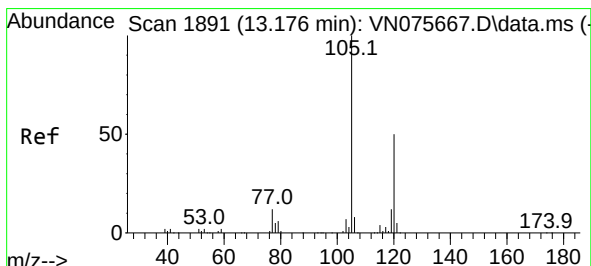
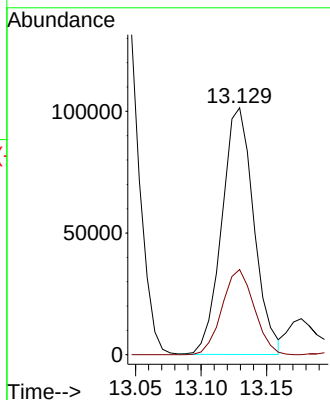
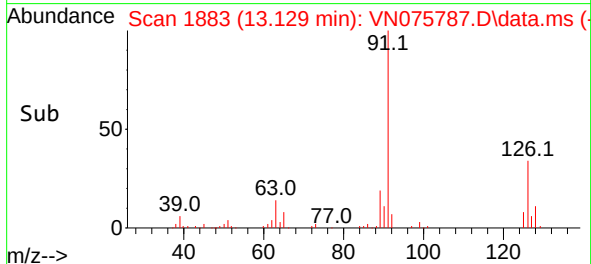
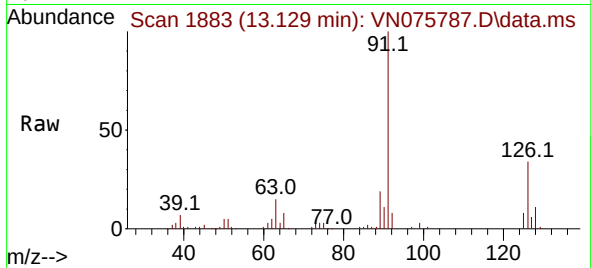
#79
2-Chlorotoluene
Concen: 16.990 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02

Tgt Ion: 91 Resp: 17251
Ion Ratio Lower Upper
91 100
126 34.5 17.5 52.5

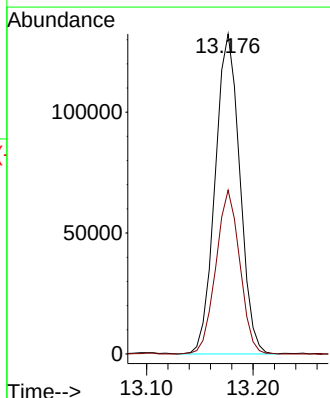
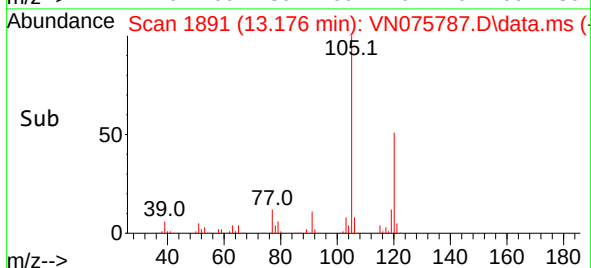
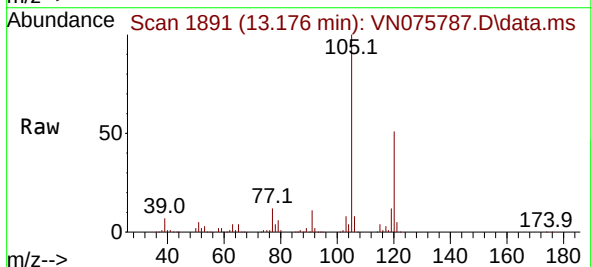
Manual Integrations
APPROVED

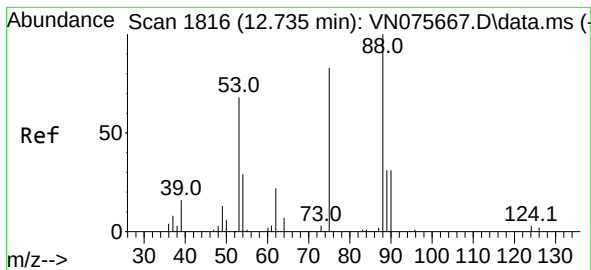
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 17.233 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

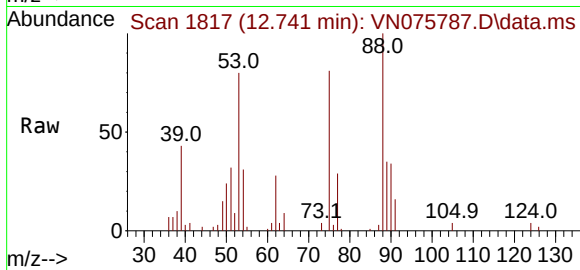
Tgt Ion:105 Resp: 212706
Ion Ratio Lower Upper
105 100
120 49.6 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 14.973 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

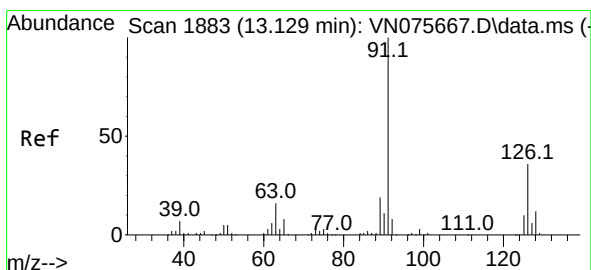
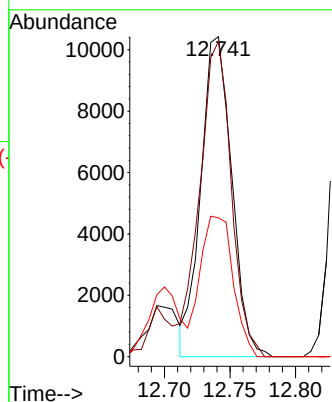
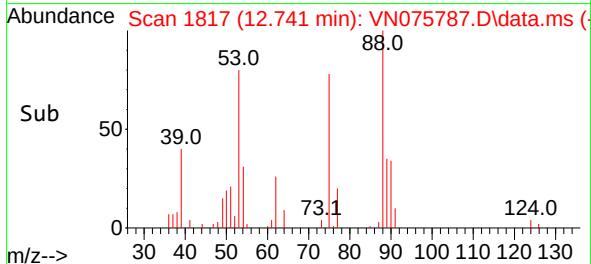
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion: 75 Resp: 1711
Ion Ratio Lower Upper
75 100
53 101.7 73.8 110.6
89 46.4 39.5 59.3

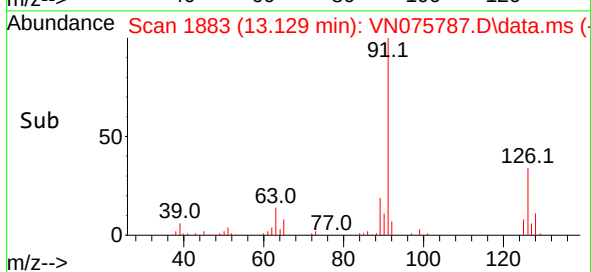
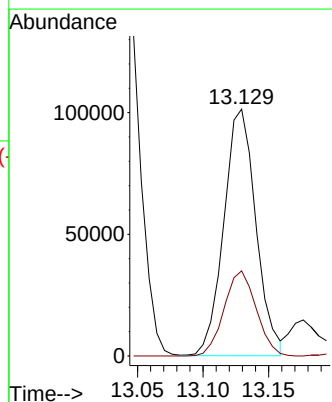
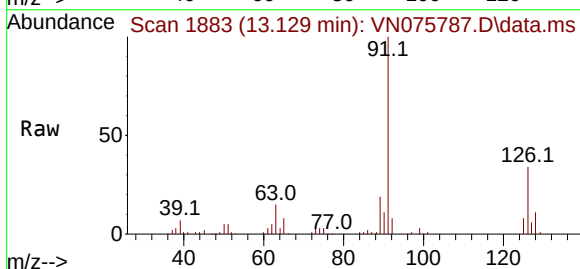
Manual Integrations
APPROVED

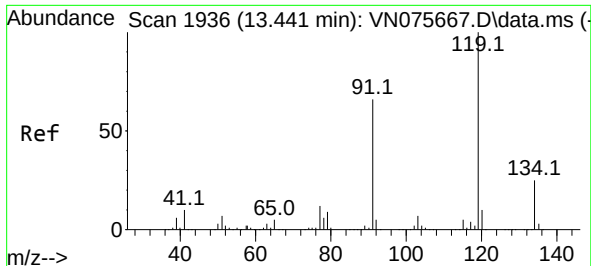
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#82
4-Chlorotoluene
Concen: 16.990 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

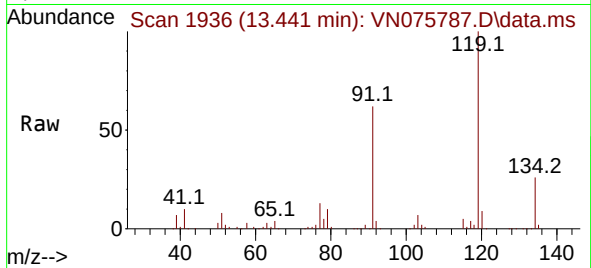
Tgt Ion: 91 Resp: 172513
Ion Ratio Lower Upper
91 100
126 34.5 17.5 52.5





#83
tert-Butylbenzene
Concen: 17.309 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

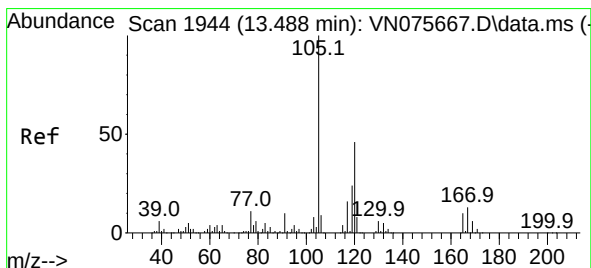
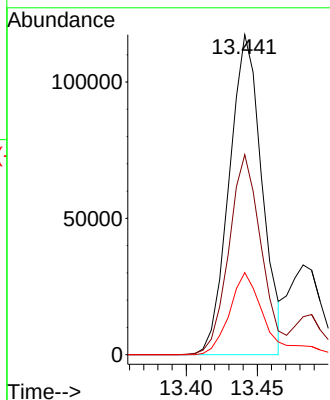
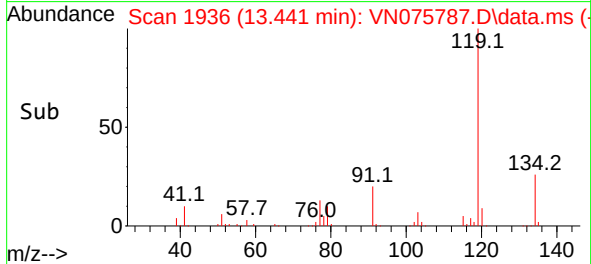
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



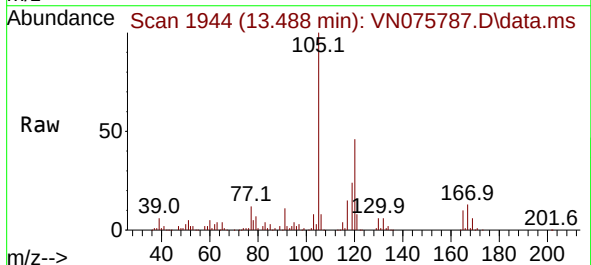
Tgt Ion:119 Resp: 188360
Ion Ratio Lower Upper
119 100
91 62.4 31.9 95.5
134 27.7 13.8 41.4

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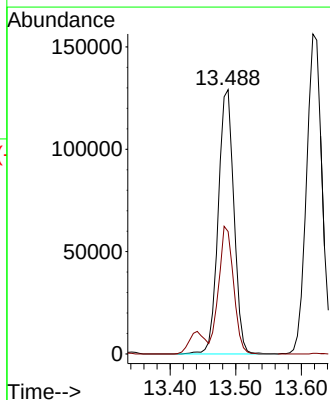
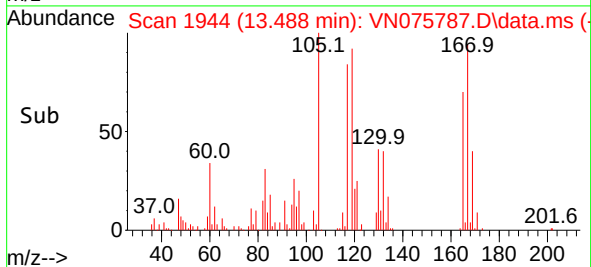
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

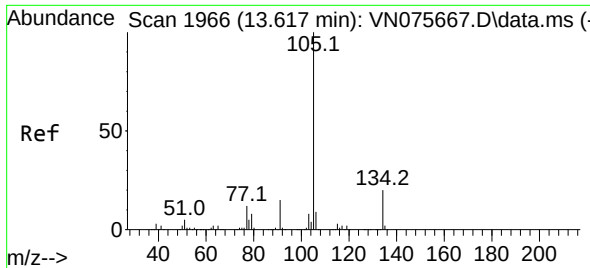


#84
1,2,4-Trimethylbenzene
Concen: 17.417 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04



Tgt Ion:105 Resp: 213260
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8





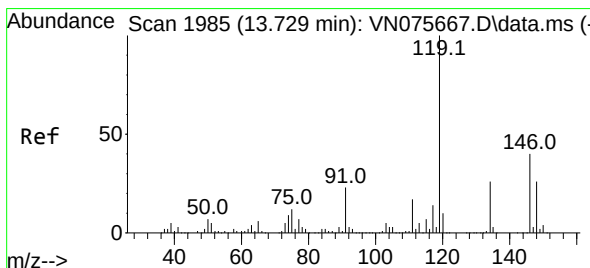
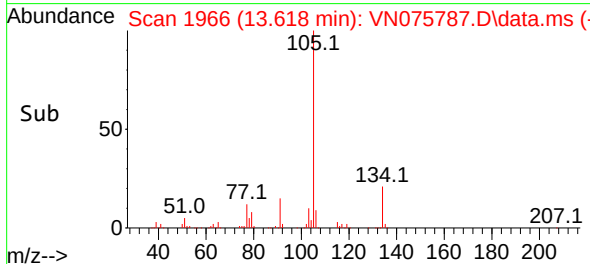
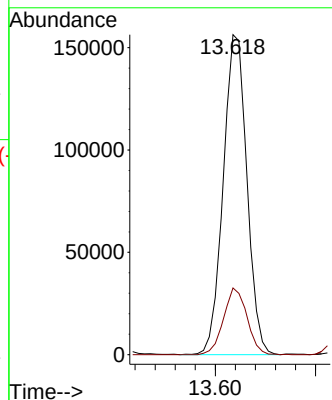
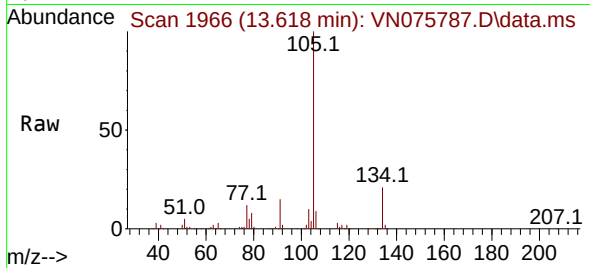
#85
 sec-Butylbenzene
 Concen: 17.032 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075787.D
 Acq: 15 Dec 2022 00:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBSD02

Tgt Ion:105 Resp: 255829
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1

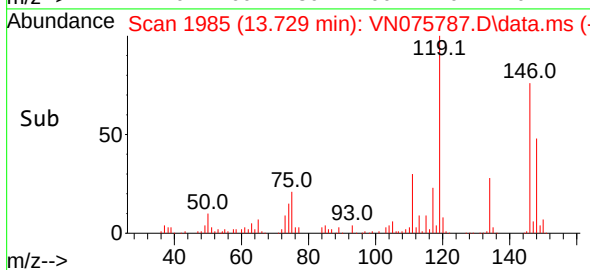
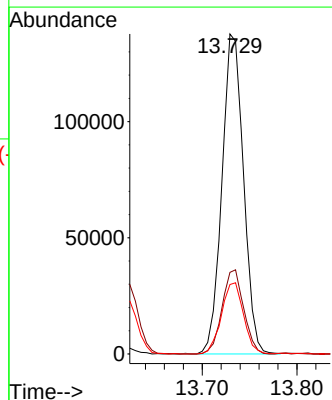
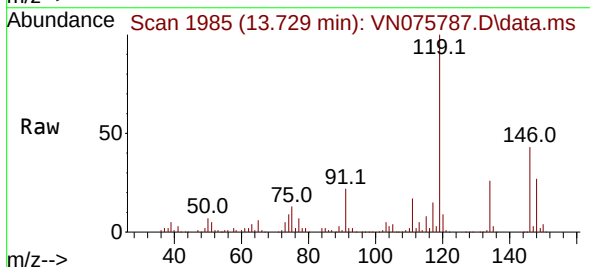
Manual Integrations
 APPROVED

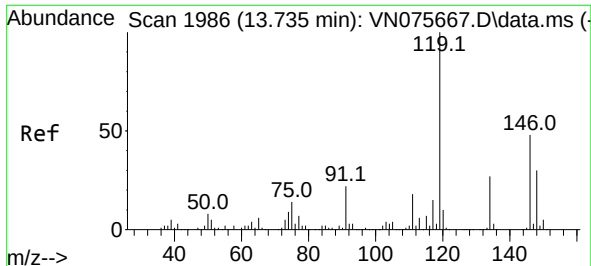
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#86
 p-Isopropyltoluene
 Concen: 17.431 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075787.D
 Acq: 15 Dec 2022 00:04

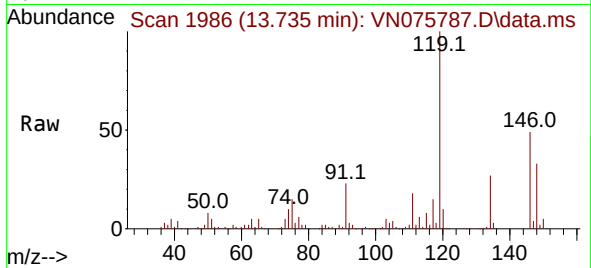
Tgt Ion:119 Resp: 217853
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 22.9 11.2 33.6





#87
 1,3-Dichlorobenzene
 Concen: 16.548 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075787.D
 Acq: 15 Dec 2022 00:04

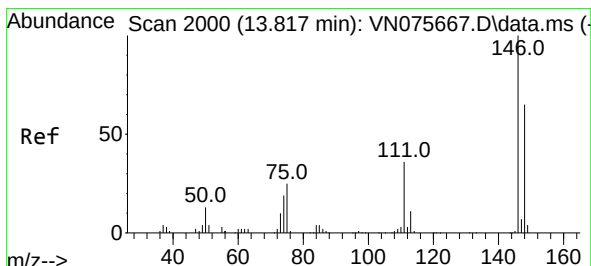
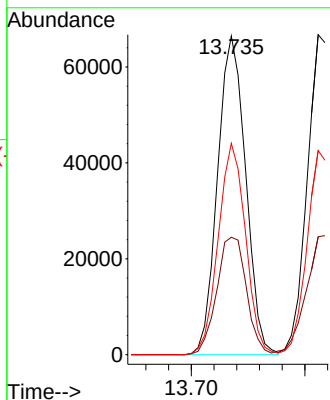
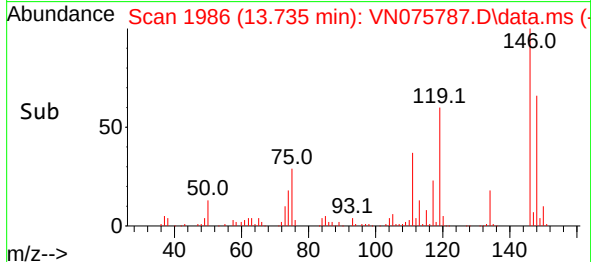
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBSD02



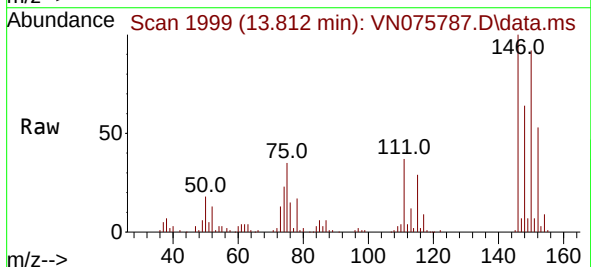
Tgt Ion:146 Resp: 114080
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.7 59.0
 148 64.6 31.4 94.2

Manual Integrations
 APPROVED

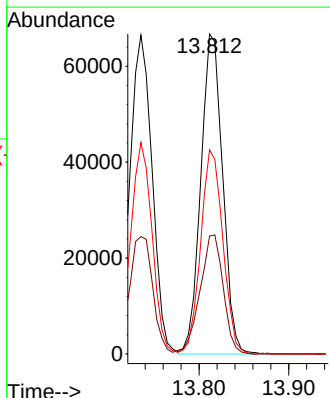
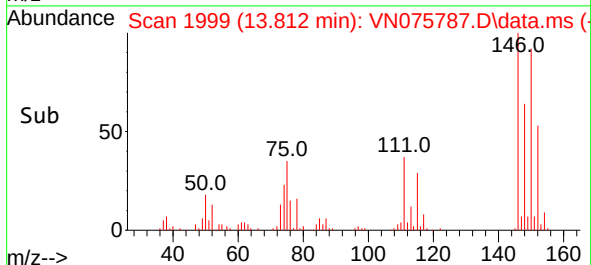
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

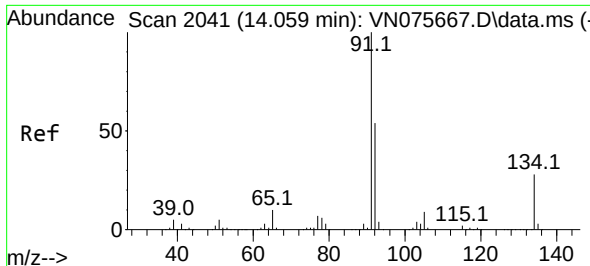


#88
 1,4-Dichlorobenzene
 Concen: 16.040 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN075787.D
 Acq: 15 Dec 2022 00:04



Tgt Ion:146 Resp: 112971
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.1 57.1
 148 64.7 32.0 96.2





#89

n-Butylbenzene

Concen: 16.177 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

Tgt Ion: 91 Resp: 16379

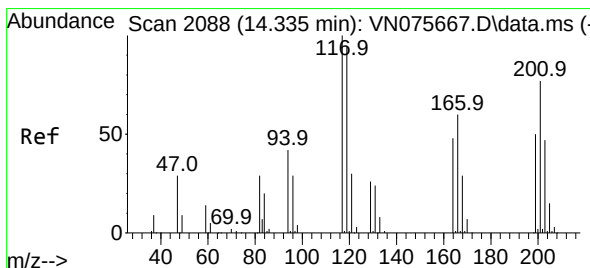
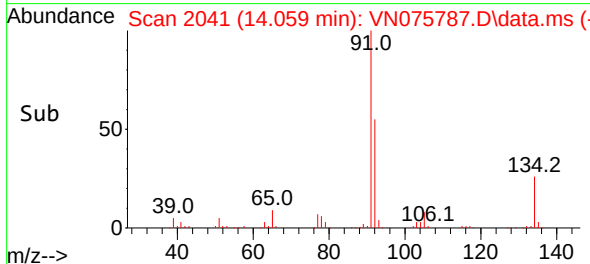
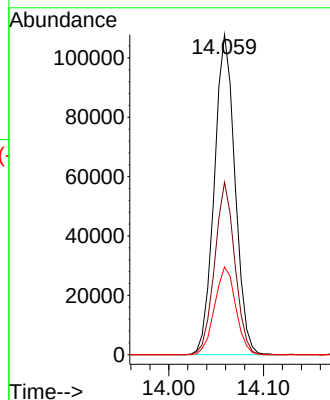
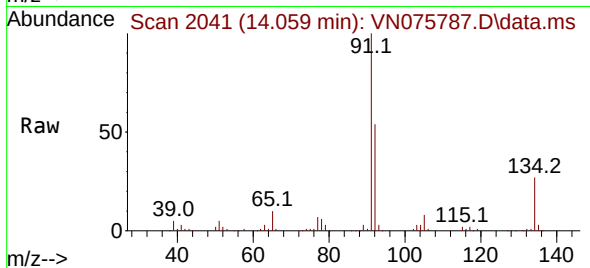
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.2
134	28.0	13.4	40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#90

Hexachloroethane

Concen: 16.655 ug/l

RT: 14.335 min Scan# 2088

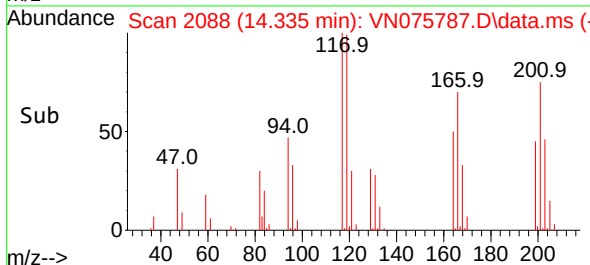
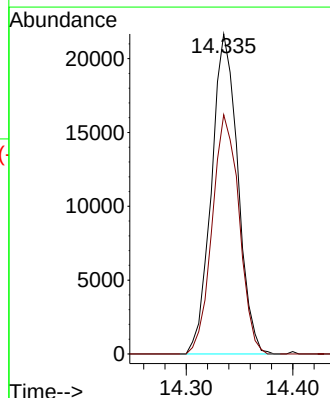
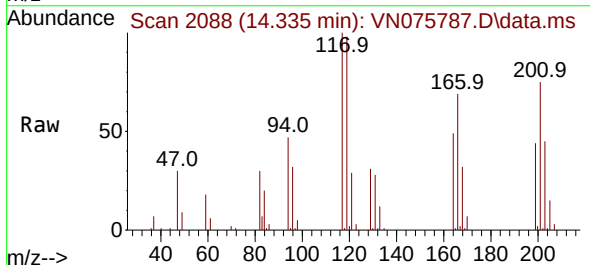
Delta R.T. 0.000 min

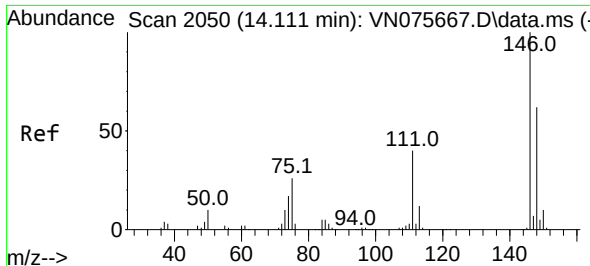
Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Tgt Ion:117 Resp: 37235

Ion	Ratio	Lower	Upper
117	100		
201	76.1	38.0	114.1





#91

1,2-Dichlorobenzene

Concen: 16.659 ug/l

RT: 14.106 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

Tgt Ion:146 Resp: 113129

Ion Ratio Lower Upper

146 100

111 39.3 20.3 61.0

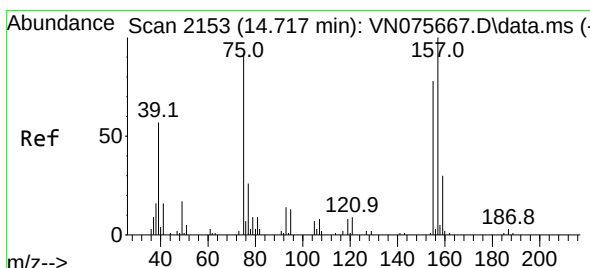
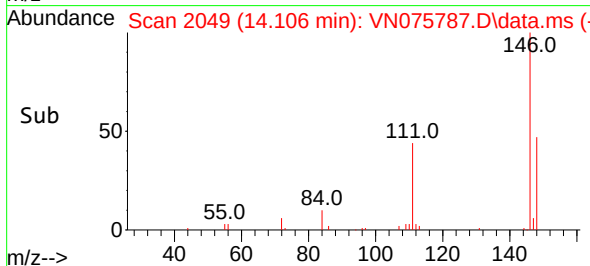
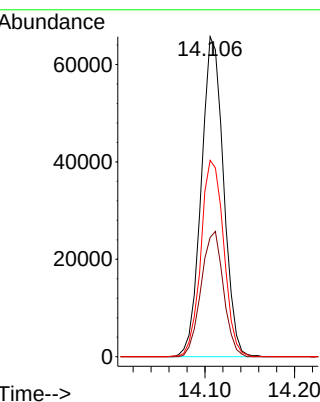
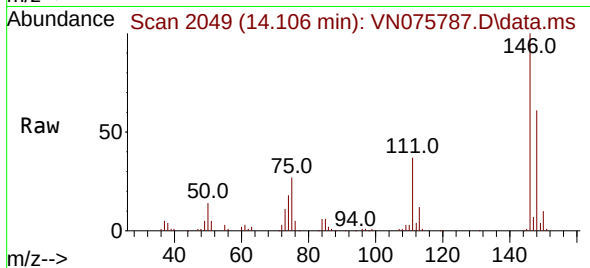
148 63.0 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 14.852 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

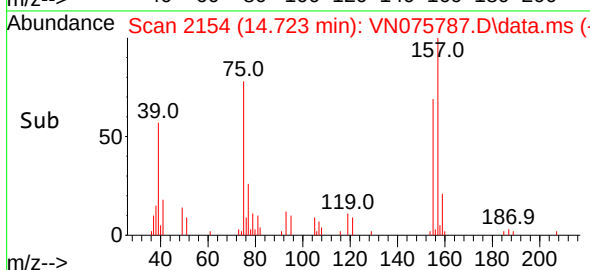
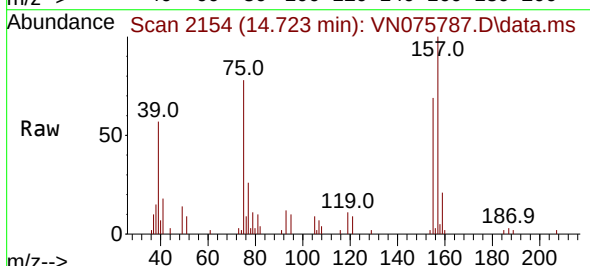
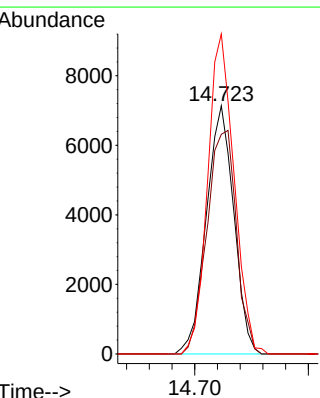
Tgt Ion: 75 Resp: 12015

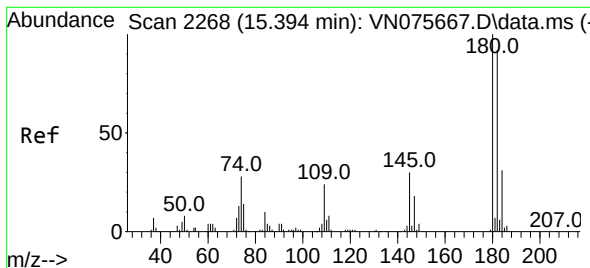
Ion Ratio Lower Upper

75 100

155 96.2 49.3 147.8

157 123.8 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 15.466 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

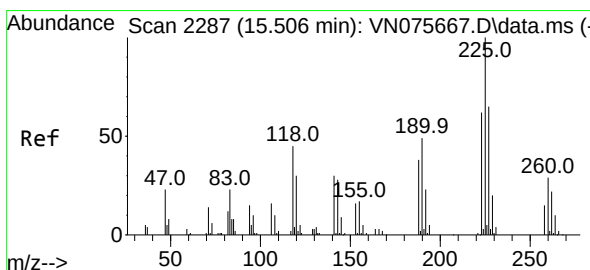
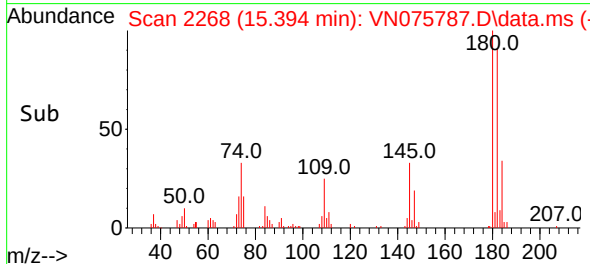
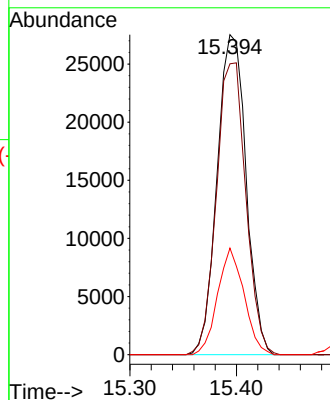
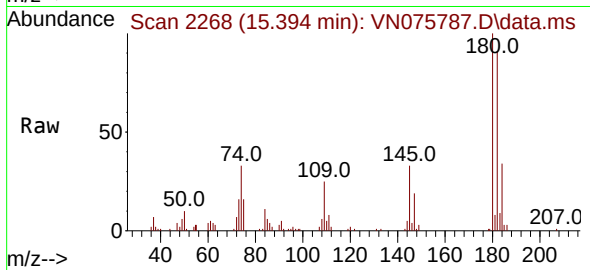
Tgt Ion:180	Resp:	5199
Ion Ratio	Lower	Upper
180	100	
182	92.6	47.5 142.5
145	30.4	15.3 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#94

Hexachlorobutadiene

Concen: 14.946 ug/l

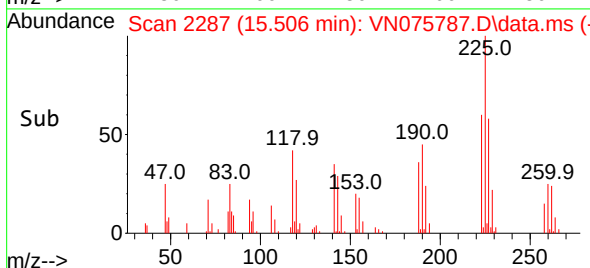
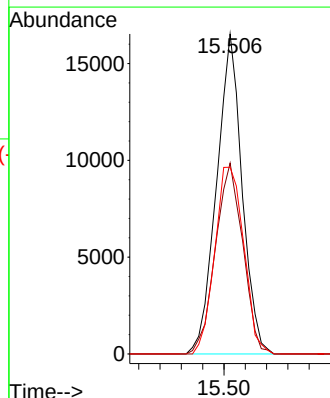
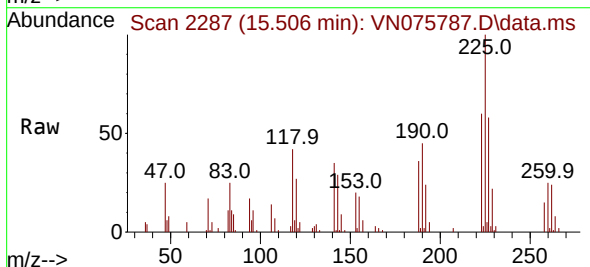
RT: 15.506 min Scan# 2287

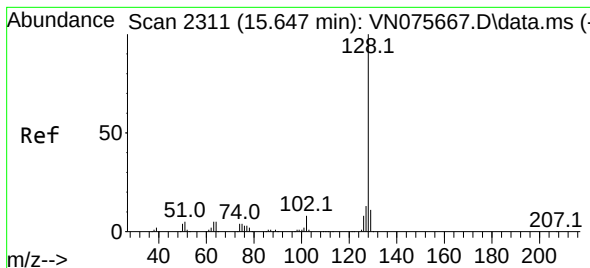
Delta R.T. 0.000 min

Lab File: VN075787.D

Acq: 15 Dec 2022 00:04

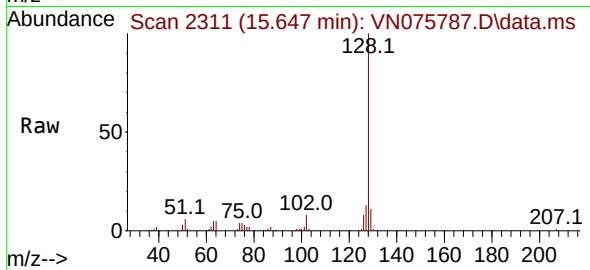
Tgt Ion:225	Resp:	27414
Ion Ratio	Lower	Upper
225	100	
223	63.9	31.5 94.5
227	66.5	31.6 95.0





#95
Naphthalene
Concen: 15.408 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04

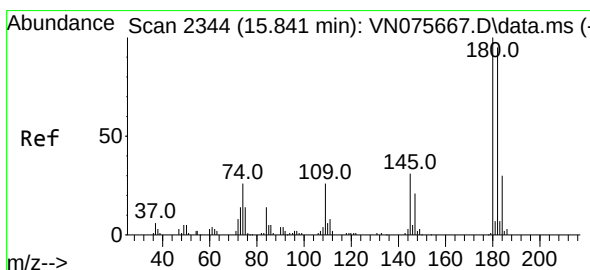
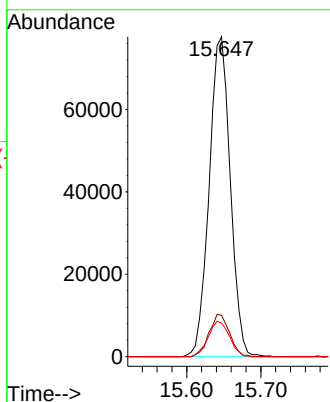
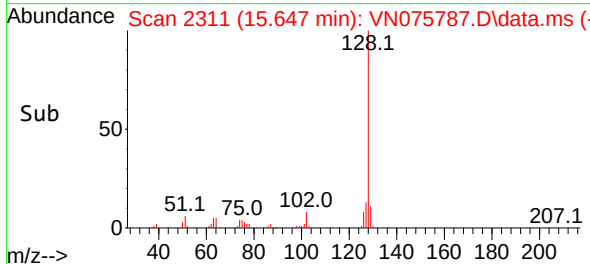
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



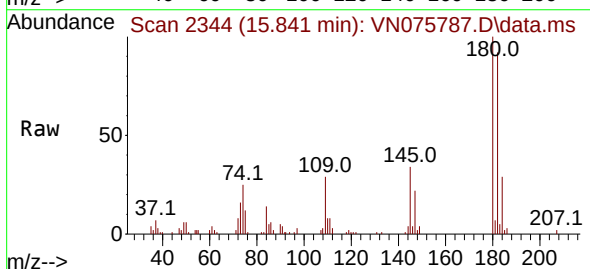
Tgt Ion:128 Resp: 153640
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.2 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 16.192 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075787.D
Acq: 15 Dec 2022 00:04



Tgt Ion:180 Resp: 50880
Ion Ratio Lower Upper
180 100
182 93.6 47.0 141.0
145 32.6 16.0 47.9

