

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075601.D
 Acq On : 07 Dec 2022 11:45
 Operator : JC\MD
 Sample : VN1207WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2022
 Supervised By : Mahesh Dadoda 12/08/2022

Quant Time: Dec 07 12:23:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	188213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	300199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	270895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	50439	49.925	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.840%			
35) Dibromofluoromethane	8.171	113	66129	56.076	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.160%			
50) Toluene-d8	10.571	98	136218	51.286	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.580%			
62) 4-Bromofluorobenzene	12.853	95	107931	55.054	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	30662	21.305	ug/l	96
3) Chloromethane	2.371	50	34547	19.292	ug/l	97
4) Vinyl Chloride	2.524	62	44688	19.801	ug/l	99
5) Bromomethane	2.918	94	36441	18.361	ug/l	99
6) Chloroethane	3.101	64	35728	20.892	ug/l	100
7) Trichlorofluoromethane	3.489	101	64485	20.000	ug/l	100
8) Diethyl Ether	3.965	74	23610	20.893	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	38040	21.372	ug/l	94
10) Methyl Iodide	4.589	142	59655	20.683	ug/l	95
11) Tert butyl alcohol	5.536	59	36485	86.026	ug/l	96
12) 1,1-Dichloroethene	4.342	96	34823	19.979	ug/l	95
13) Acrolein	4.189	56	34569	93.563	ug/l	97
14) Allyl chloride	5.024	41	44925	19.927	ug/l	97
15) Acrylonitrile	5.730	53	88145	90.588	ug/l	98
16) Acetone	4.442	43	74372	78.921	ug/l	96
17) Carbon Disulfide	4.718	76	88993	19.647	ug/l	96
18) Methyl Acetate	5.036	43	46472	18.752	ug/l	93
19) Methyl tert-butyl Ether	5.806	73	120699	19.548	ug/l	95
20) Methylene Chloride	5.277	84	42322	21.416	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	39490	19.881	ug/l	93
22) Diisopropyl ether	6.683	45	107327	20.861	ug/l	98
23) Vinyl Acetate	6.612	43	357705	87.393	ug/l	97
24) 1,1-Dichloroethane	6.577	63	68880	20.858	ug/l	98
25) 2-Butanone	7.489	43	110731	84.164	ug/l	100
26) 2,2-Dichloropropane	7.494	77	55308	18.021	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	47297	21.058	ug/l	92
28) Bromochloromethane	7.818	49	26926	20.087	ug/l #	80
29) Tetrahydrofuran	7.847	42	69900	87.345	ug/l	96
30) Chloroform	7.965	83	74625	19.678	ug/l	97
31) Cyclohexane	8.259	56	59493	18.534	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	66398	19.283	ug/l	97
36) 1,1-Dichloropropene	8.377	75	54762	21.294	ug/l	97
37) Ethyl Acetate	7.571	43	45580	19.683	ug/l	99
38) Carbon Tetrachloride	8.365	117	58895	20.847	ug/l	99
39) Methylcyclohexane	9.606	83	68439	21.263	ug/l	93
40) Benzene	8.612	78	165758	21.052	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	25707	21.714	ug/l	93
42) 1,2-Dichloroethane	8.677	62	56545	21.442	ug/l	95
43) Isopropyl Acetate	8.694	43	75889	20.417	ug/l	97
44) Trichloroethene	9.359	130	45836	21.275	ug/l	90
45) 1,2-Dichloropropane	9.624	63	39120	20.849	ug/l	96
46) Dibromomethane	9.712	93	30997	21.840	ug/l	90
47) Bromodichloromethane	9.888	83	59873	21.784	ug/l #	96
48) Methyl methacrylate	9.688	41	35583	20.704	ug/l	95
49) 1,4-Dioxane	9.700	88	18230	373.542	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	231360	97.728	ug/l	98
52) Toluene	10.635	92	110995	21.875	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	57904	20.986	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	65687	21.919	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	43040	20.826	ug/l	94
56) Ethyl methacrylate	10.877	69	60585	21.708	ug/l	98
57) 1,3-Dichloropropane	11.165	76	72081	21.391	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	99332	98.685	ug/l	96
59) 2-Hexanone	11.200	43	172842	97.229	ug/l	99
60) Dibromochloromethane	11.359	129	48986	23.093	ug/l	100
61) 1,2-Dibromoethane	11.471	107	45229	21.086	ug/l	98
64) Tetrachloroethene	11.106	164	41631	20.124	ug/l	94
65) Chlorobenzene	11.894	112	121997	21.807	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	46274	22.162	ug/l	98
67) Ethyl Benzene	11.965	91	207562	21.747	ug/l	96
68) m/p-Xylenes	12.077	106	172346	44.466	ug/l	98
69) o-Xylene	12.400	106	83988	21.810	ug/l	95
70) Styrene	12.412	104	136415	22.455	ug/l	98
71) Bromoform	12.582	173	34265	21.562	ug/l #	99
73) Isopropylbenzene	12.700	105	216395	21.125	ug/l	98
74) N-amyl acetate	12.500	43	65004	20.642	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	62778	20.102	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	48570m	18.322	ug/l	
77) Bromobenzene	12.982	156	53661	21.219	ug/l	84
78) n-propylbenzene	13.041	91	237208	20.750	ug/l	98
79) 2-Chlorotoluene	13.129	91	143211	20.792	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	186123	21.870	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	16520	18.438	ug/l	99
82) 4-Chlorotoluene	13.129	91	143211	20.792	ug/l	95
83) tert-Butylbenzene	13.441	119	170481	21.971	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	187320	21.944	ug/l	98
85) sec-Butylbenzene	13.618	105	224921	21.363	ug/l	99
86) p-Isopropyltoluene	13.735	119	194111	21.913	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	100651	21.006	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	101986	20.953	ug/l	99
89) n-Butylbenzene	14.059	91	154586	20.662	ug/l	98
90) Hexachloroethane	14.335	117	32494	21.264	ug/l	80
91) 1,2-Dichlorobenzene	14.106	146	100556	21.530	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11143	18.836	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	52091	21.764	ug/l	97
94) Hexachlorobutadiene	15.506	225	28316	22.713	ug/l	95
95) Naphthalene	15.647	128	149323	19.831	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	50224	21.350	ug/l	98

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QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

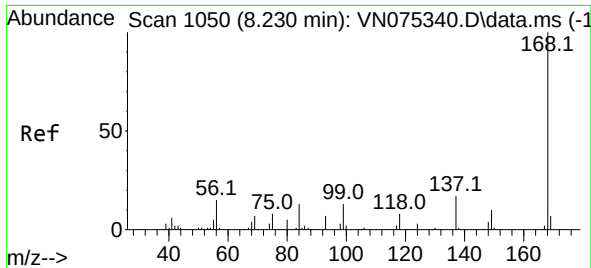
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

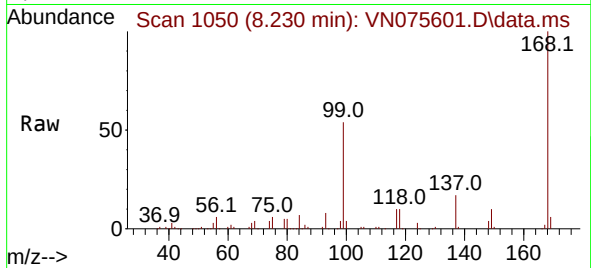
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075601.D
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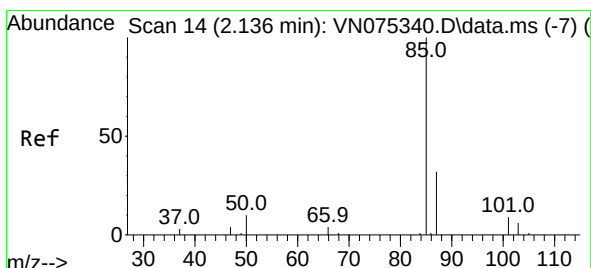
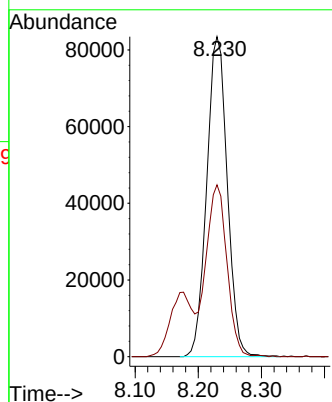
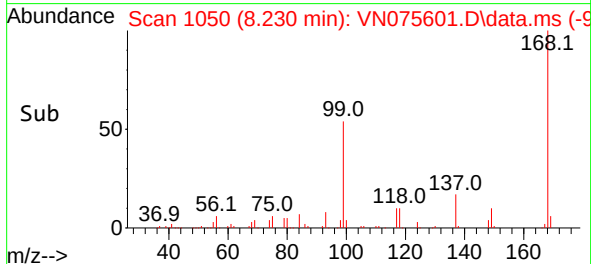
Instrument :
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Tgt Ion:168 Resp: 18821
Ion Ratio Lower Upper
168 100
99 53.7 51.6 77.4

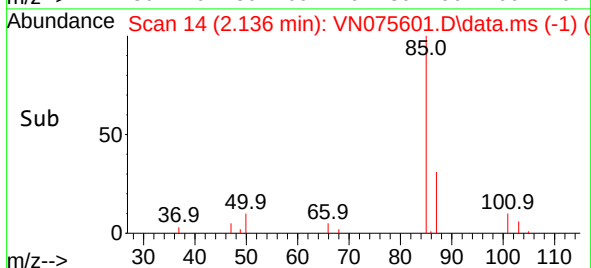
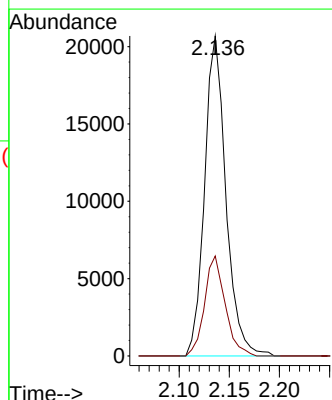
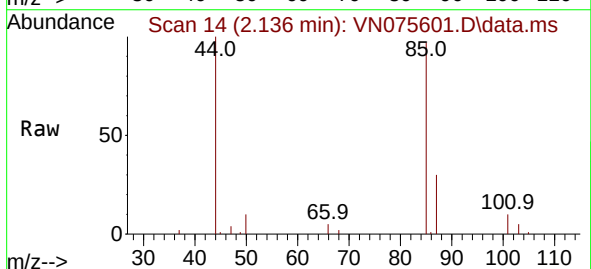
Manual Integrations
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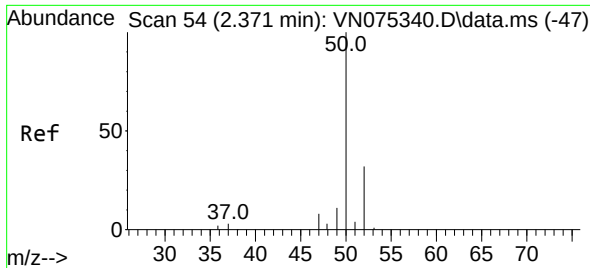
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#2
Dichlorodifluoromethane
Concen: 21.305 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Tgt Ion: 85 Resp: 30662
Ion Ratio Lower Upper
85 100
87 31.3 16.7 50.0





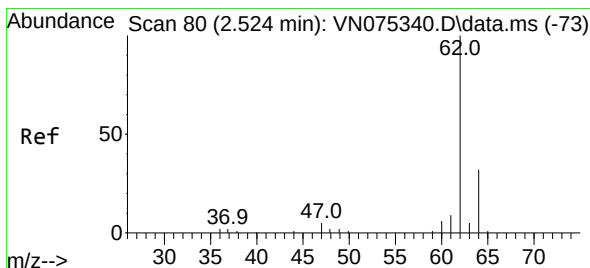
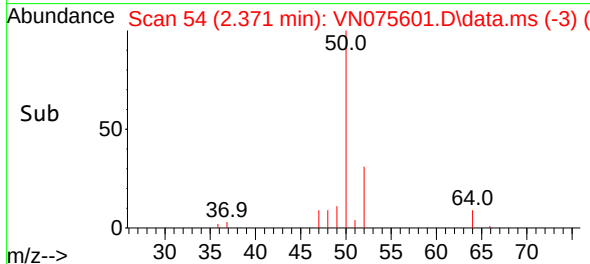
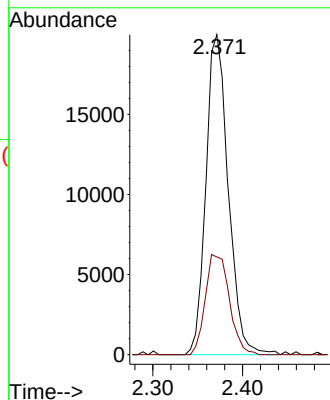
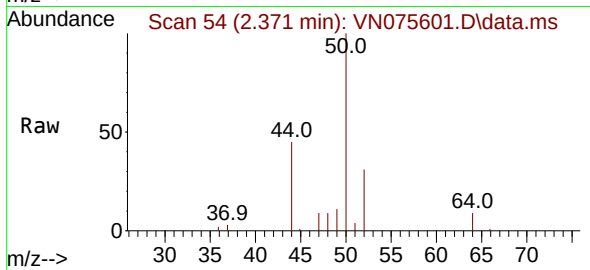
#3
Chloromethane
Concen: 19.292 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

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Tgt Ion: 50 Resp: 3454
Ion Ratio Lower Upper
50 100
52 30.5 25.8 38.6

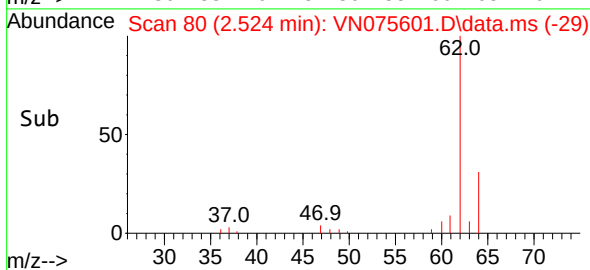
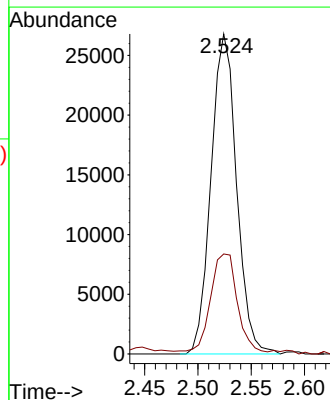
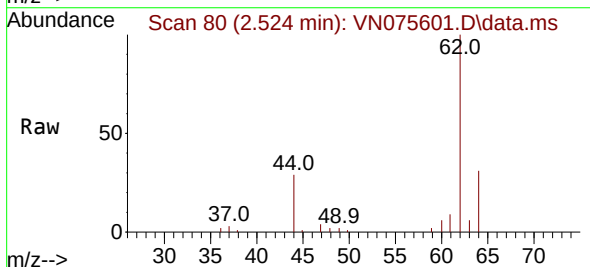
Manual Integrations
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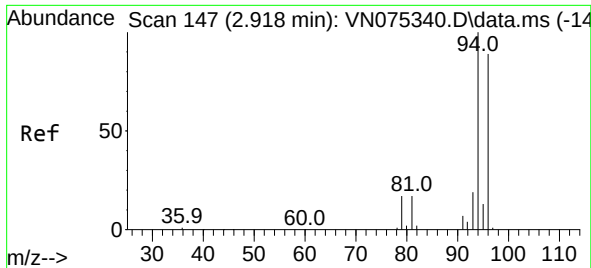
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#4
Vinyl Chloride
Concen: 19.801 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

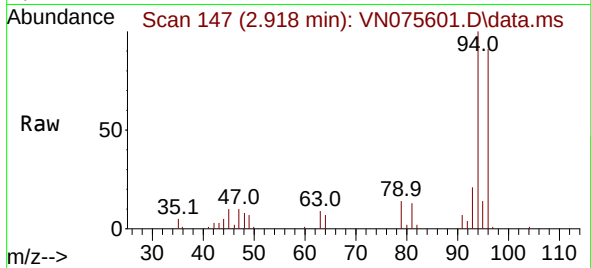
Tgt Ion: 62 Resp: 44688
Ion Ratio Lower Upper
62 100
64 30.5 24.0 36.0





#5
Bromomethane
Concen: 18.361 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

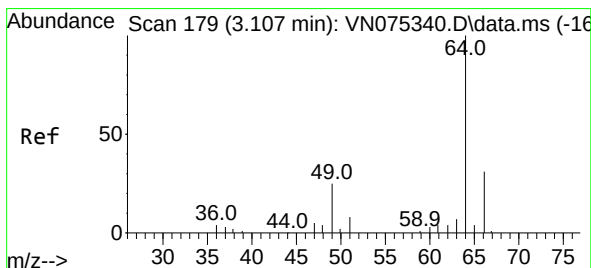
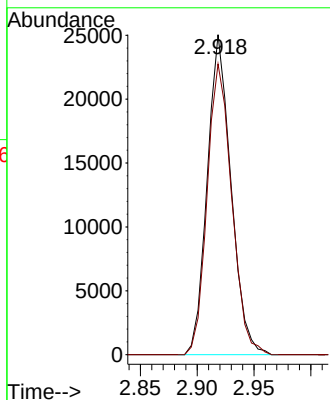
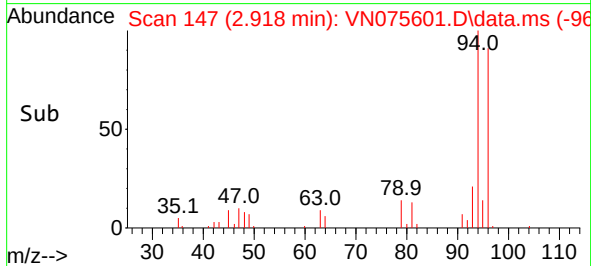
Instrument :
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Tgt Ion: 94 Resp: 3644
Ion Ratio Lower Upper
94 100
96 90.8 71.8 107.6

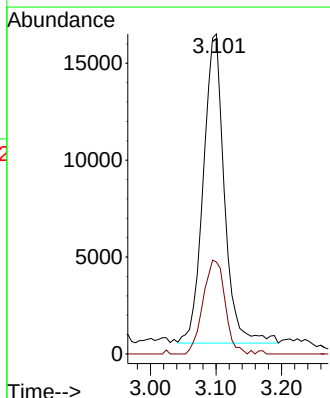
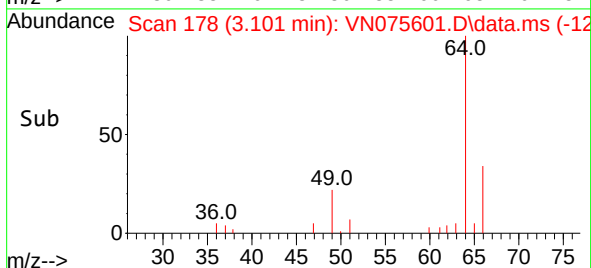
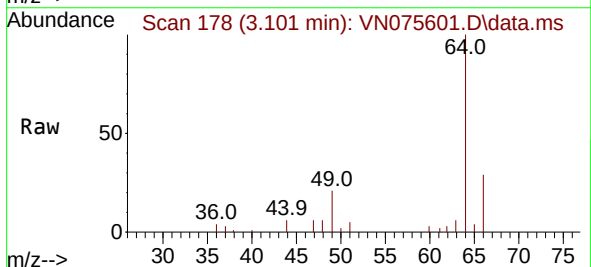
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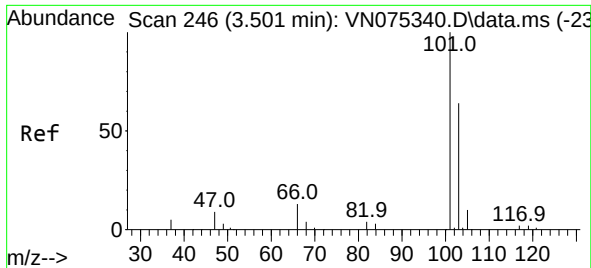
Reviewed By :John Carlone 12/08/2022
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#6
Chloroethane
Concen: 20.892 ug/l
RT: 3.101 min Scan# 178
Delta R.T. -0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Tgt Ion: 64 Resp: 35728
Ion Ratio Lower Upper
64 100
66 29.7 23.8 35.8





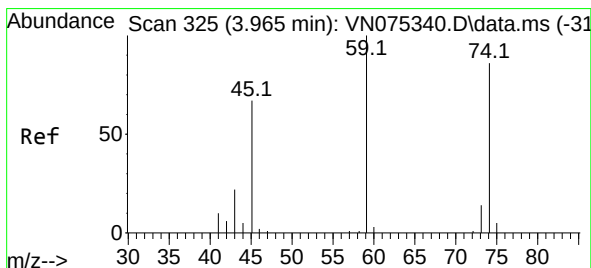
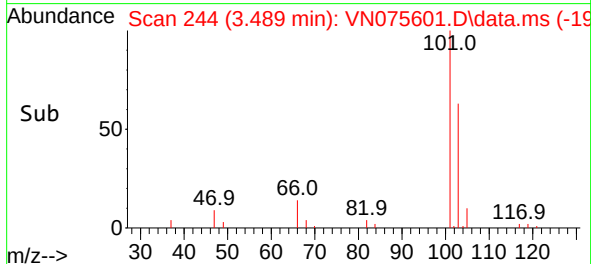
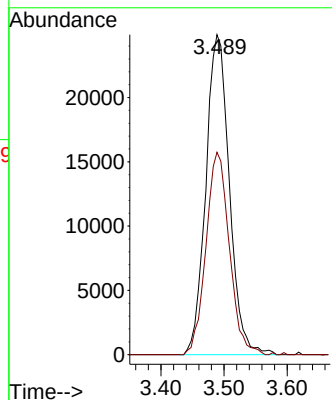
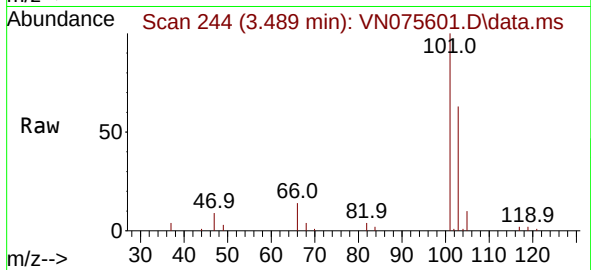
#7
Trichlorofluoromethane
Concen: 20.000 ug/l
RT: 3.489 min Scan# 246
Delta R.T. -0.012 min
Lab File: VN075601.D
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Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01

Tgt Ion:101 Resp: 6448
Ion Ratio Lower Upper
101 100
103 63.3 50.5 75.7

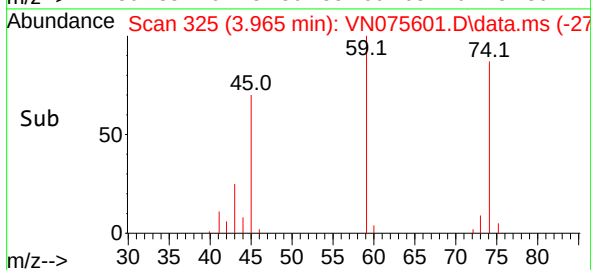
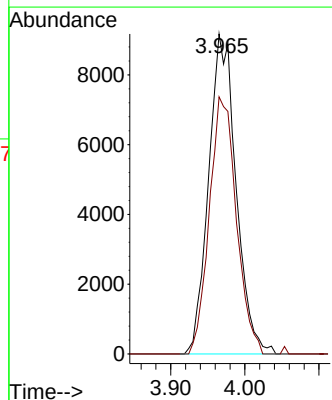
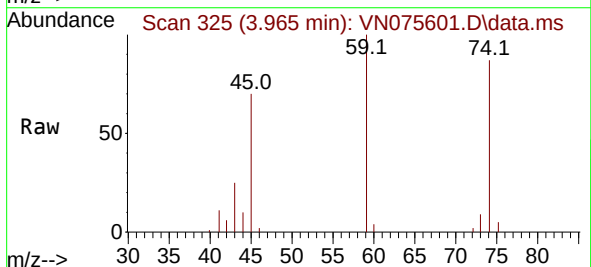
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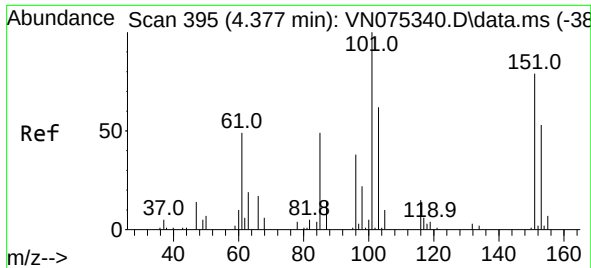
Reviewed By :John Carlone 12/08/2022
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#8
Diethyl Ether
Concen: 20.893 ug/l
RT: 3.965 min Scan# 325
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

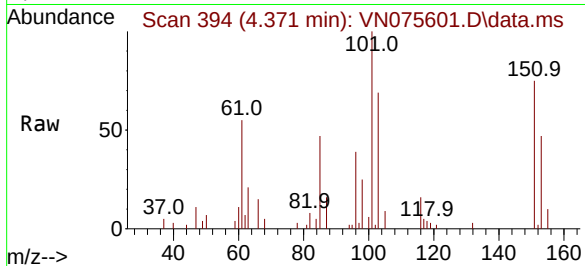
Tgt Ion: 74 Resp: 23610
Ion Ratio Lower Upper
74 100
45 78.9 39.3 117.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.372 ug/l
RT: 4.371 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075601.D
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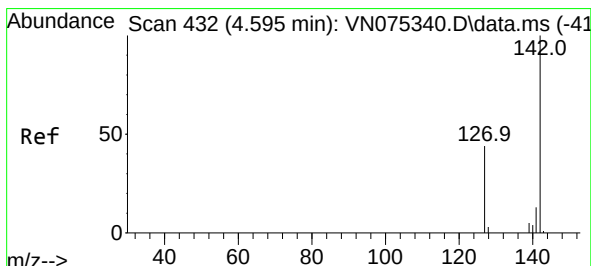
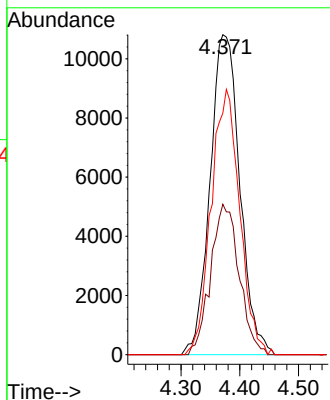
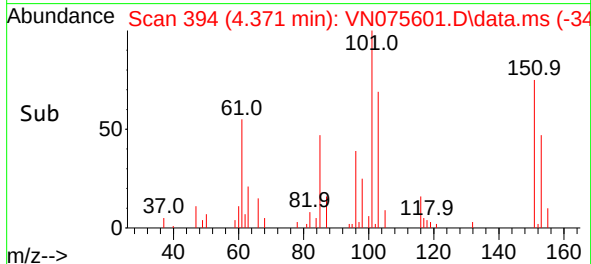
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01



Tgt Ion:101 Resp: 38040
Ion Ratio Lower Upper
101 100
85 45.1 37.6 56.4
151 79.4 58.3 87.5

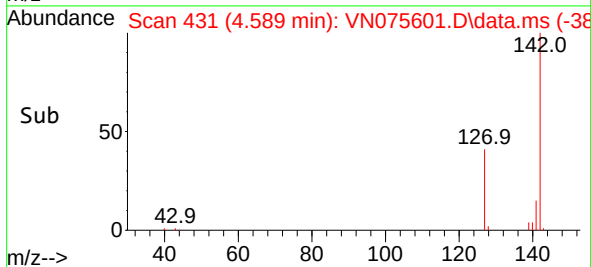
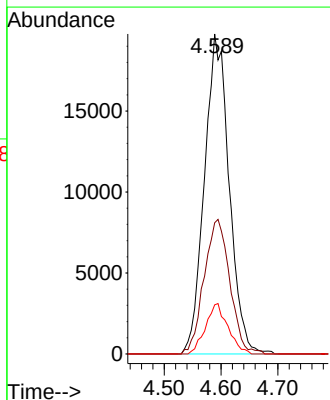
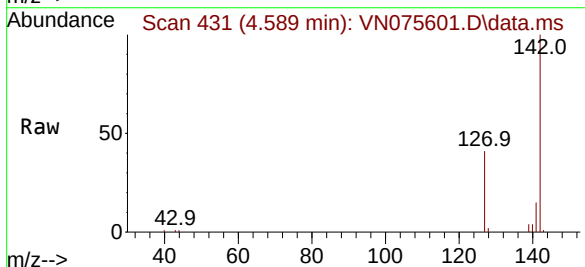
Manual Integrations
APPROVED

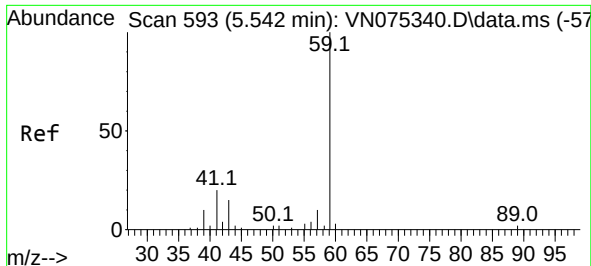
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#10
Methyl Iodide
Concen: 20.683 ug/l
RT: 4.589 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Tgt Ion:142 Resp: 59655
Ion Ratio Lower Upper
142 100
127 43.8 38.0 57.0
141 14.3 12.2 18.4





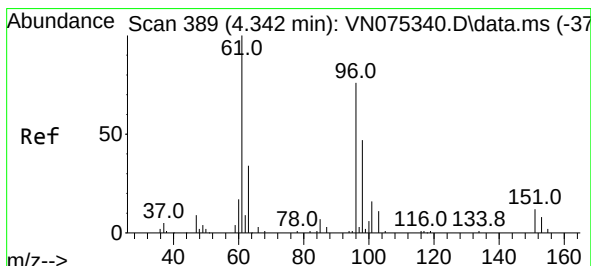
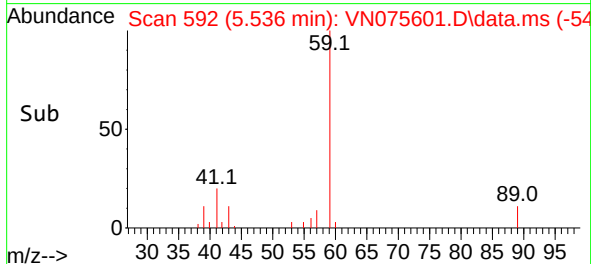
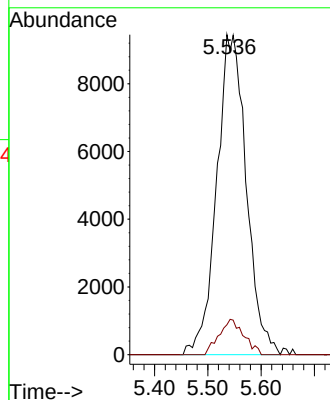
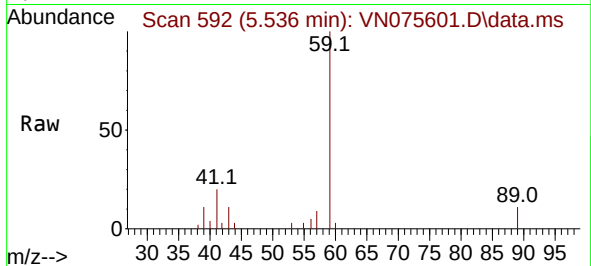
#11
Tert butyl alcohol
Concen: 86.026 ug/l
RT: 5.536 min Scan# 593
Delta R.T. -0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01

Tgt Ion: 59 Resp: 3648
Ion Ratio Lower Upper
59 100
57 9.2 8.5 12.7

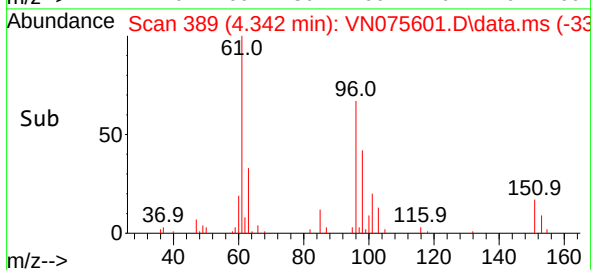
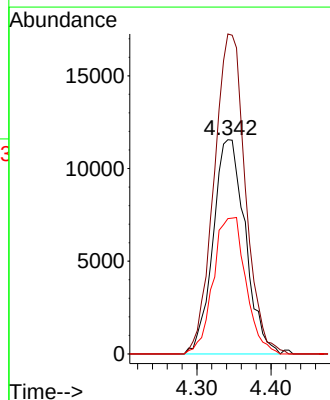
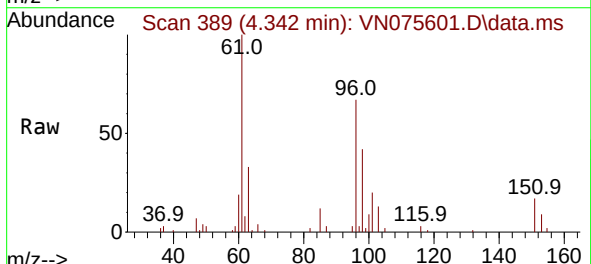
Manual Integrations
APPROVED

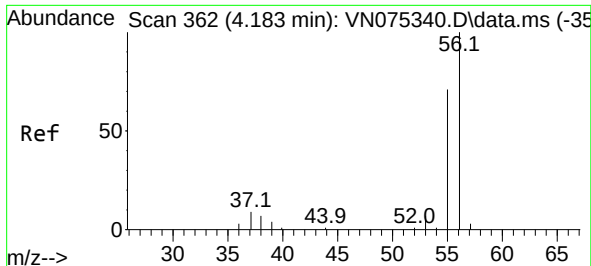
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#12
1,1-Dichloroethene
Concen: 19.979 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Tgt Ion: 96 Resp: 34823
Ion Ratio Lower Upper
96 100
61 149.4 126.2 189.4
98 63.2 51.5 77.3





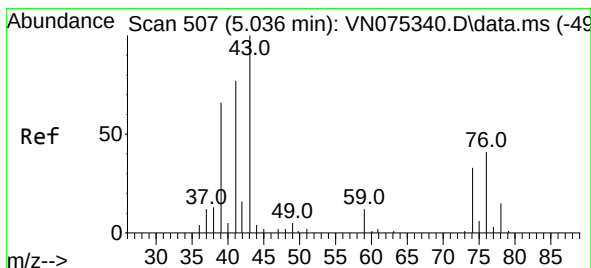
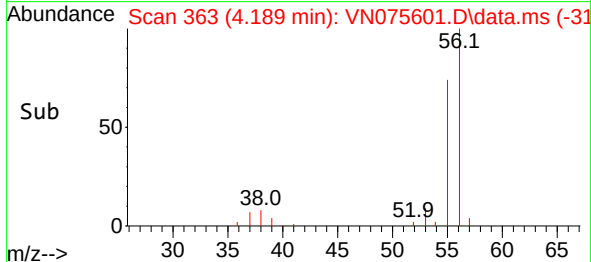
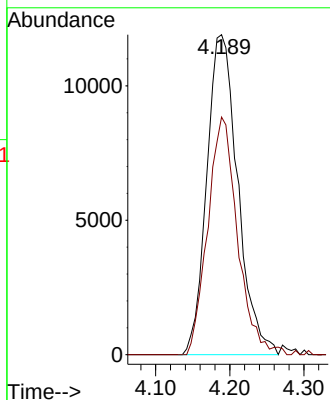
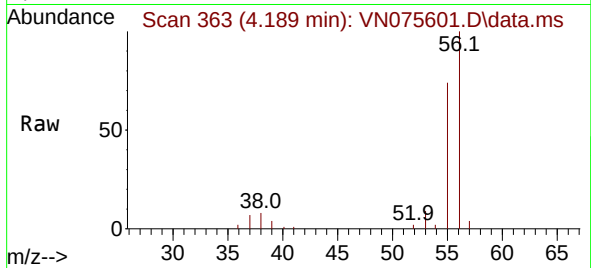
#13
Acrolein
Concen: 93.563 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01

Tgt Ion: 56 Resp: 34569
Ion Ratio Lower Upper
56 100
55 71.3 55.2 82.8

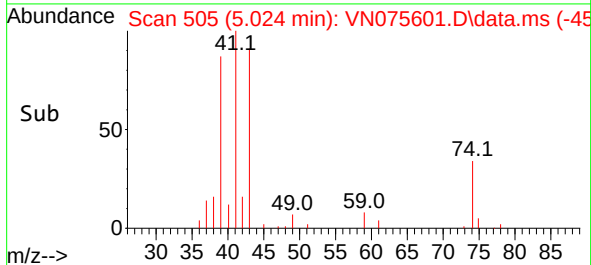
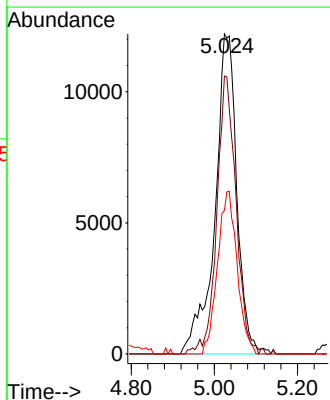
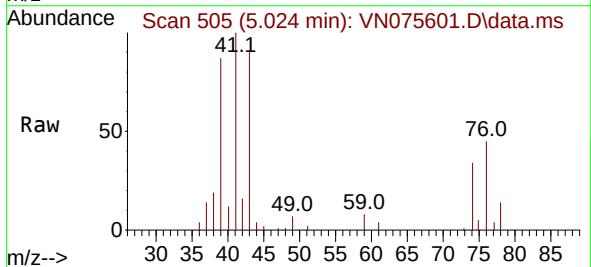
Manual Integrations
APPROVED

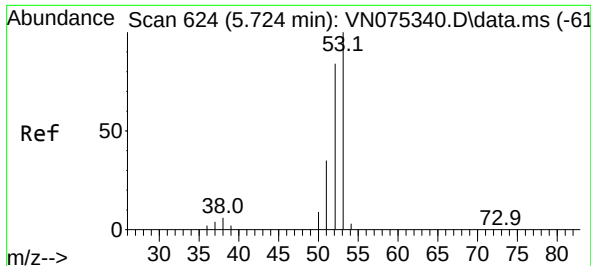
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#14
Allyl chloride
Concen: 19.927 ug/l
RT: 5.024 min Scan# 505
Delta R.T. -0.012 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Tgt Ion: 41 Resp: 44925
Ion Ratio Lower Upper
41 100
39 75.4 61.0 91.4
76 45.2 33.4 50.0





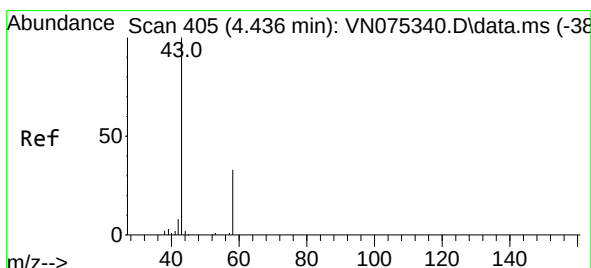
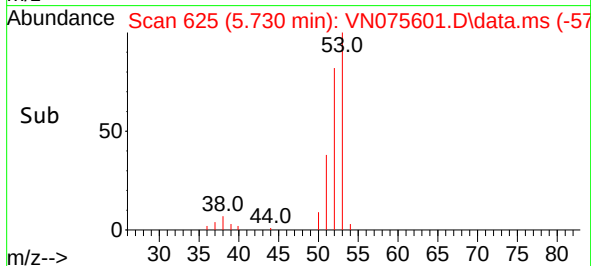
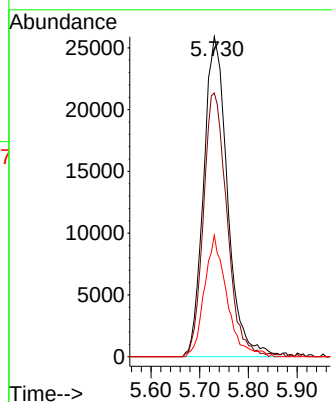
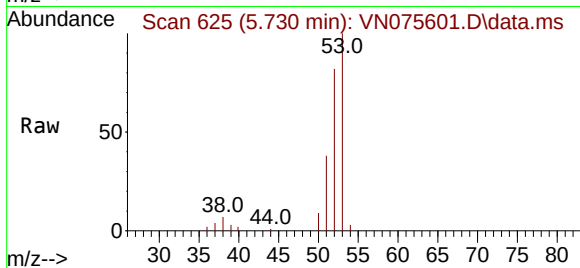
#15
Acrylonitrile
Concen: 90.588 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01

Tgt Ion: 53 Resp: 8814
Ion Ratio Lower Upper
53 100
52 81.1 66.4 99.6
51 35.6 29.6 44.4

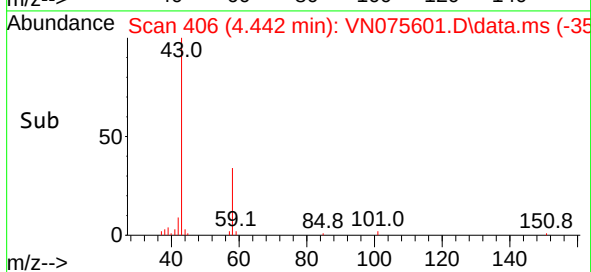
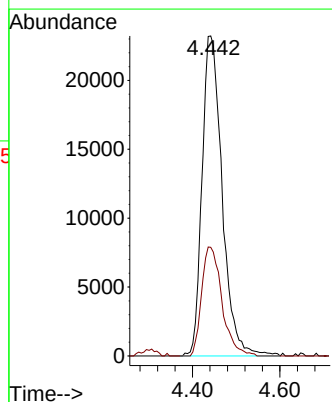
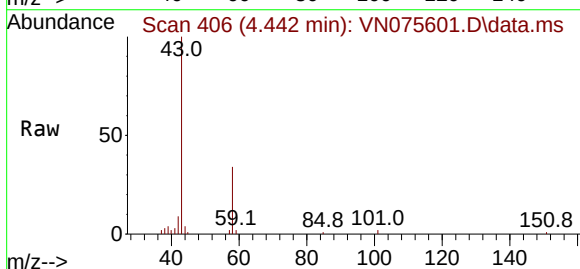
Manual Integrations
APPROVED

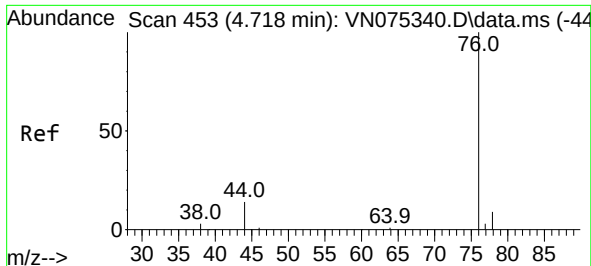
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#16
Acetone
Concen: 78.921 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

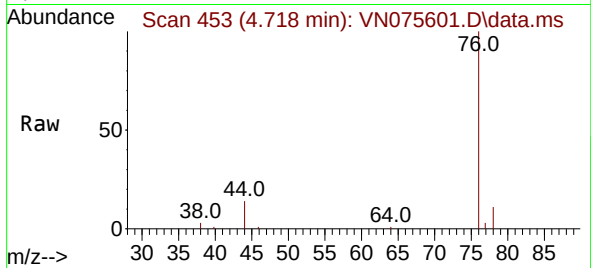
Tgt Ion: 43 Resp: 74372
Ion Ratio Lower Upper
43 100
58 33.9 25.5 38.3





#17
Carbon Disulfide
Concen: 19.647 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

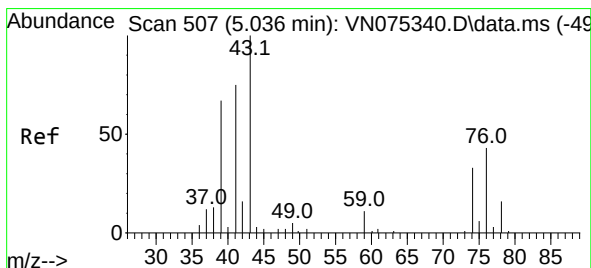
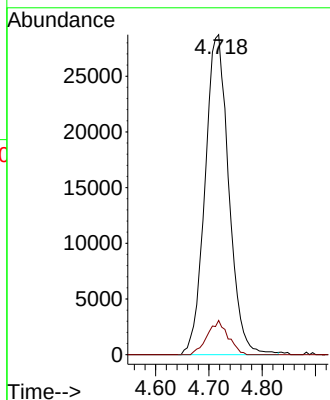
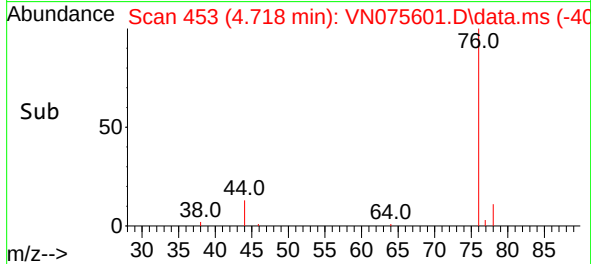
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01



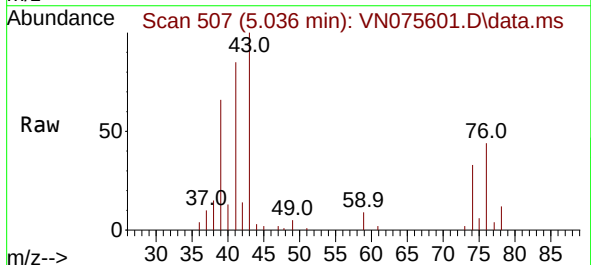
Tgt Ion: 76 Resp: 8899
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.2

Manual Integrations
APPROVED

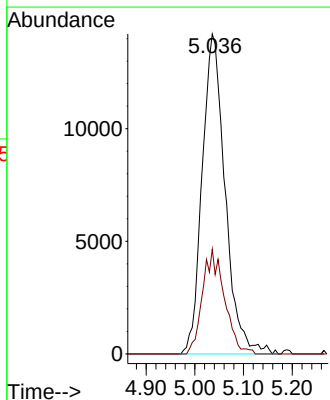
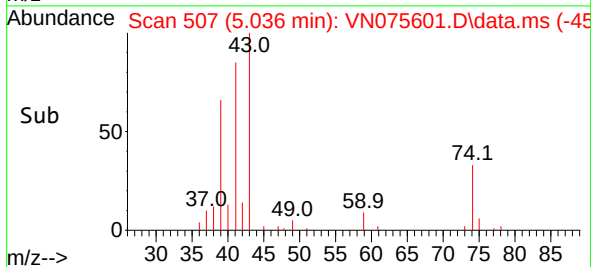
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

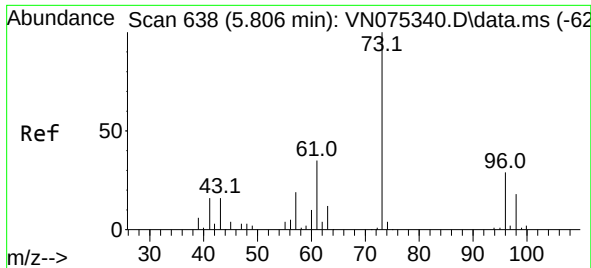


#18
Methyl Acetate
Concen: 18.752 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45



Tgt Ion: 43 Resp: 46472
Ion Ratio Lower Upper
43 100
74 31.2 22.0 33.0





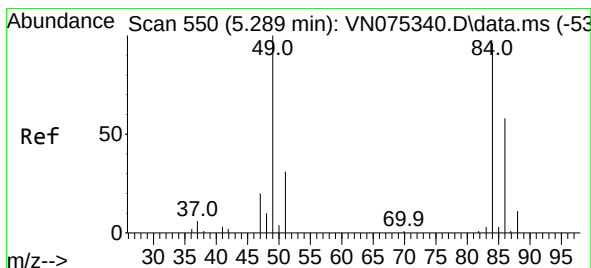
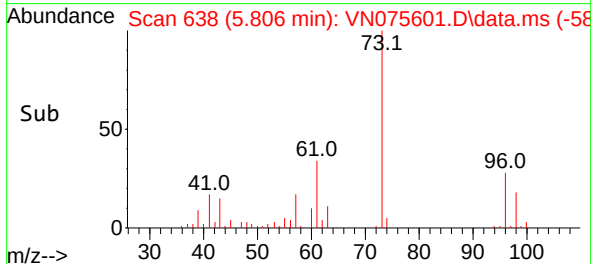
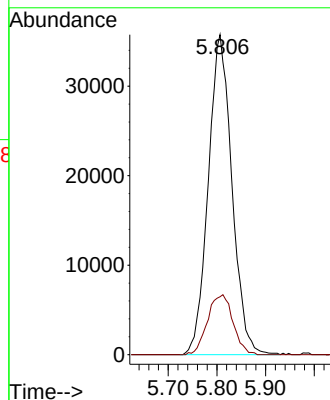
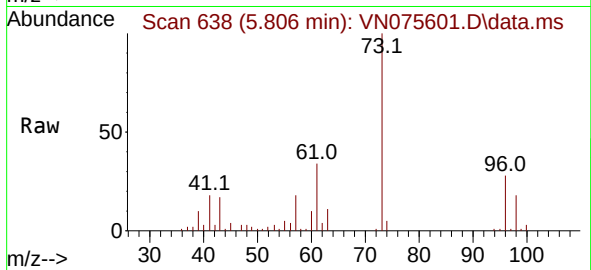
#19
Methyl tert-butyl Ether
Concen: 19.548 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01

Tgt Ion: 73 Resp: 120699
Ion Ratio Lower Upper
73 100
57 18.1 16.3 24.5

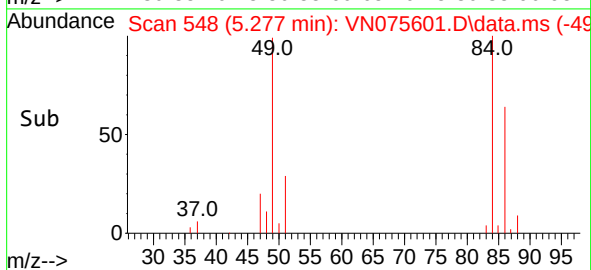
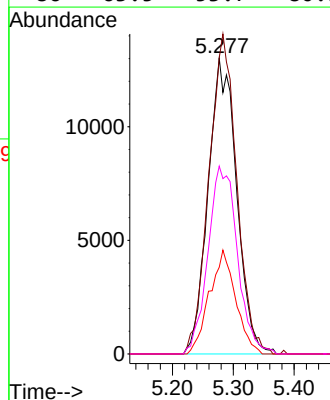
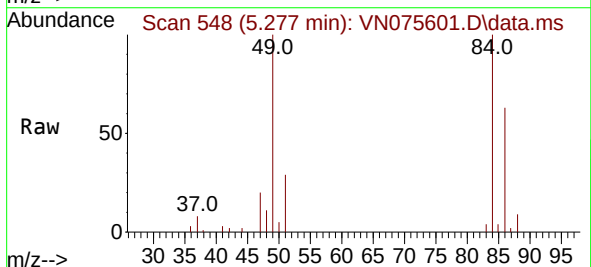
Manual Integrations
APPROVED

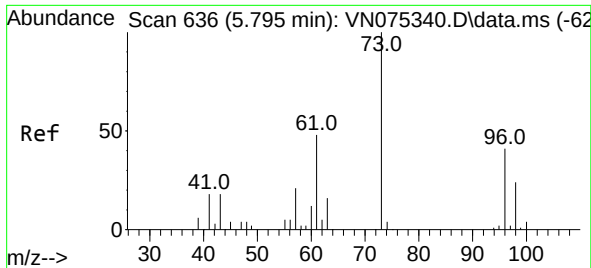
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#20
Methylene Chloride
Concen: 21.416 ug/l
RT: 5.277 min Scan# 548
Delta R.T. -0.012 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Tgt Ion: 84 Resp: 42322
Ion Ratio Lower Upper
84 100
49 100.1 94.9 142.3
51 29.3 26.8 40.2
86 63.5 53.7 80.5





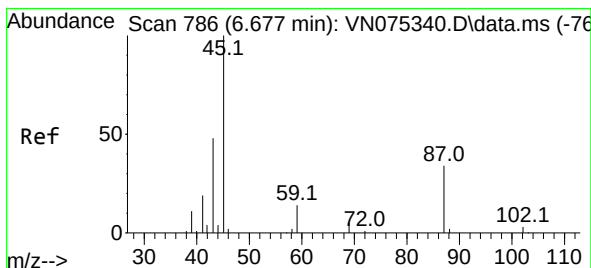
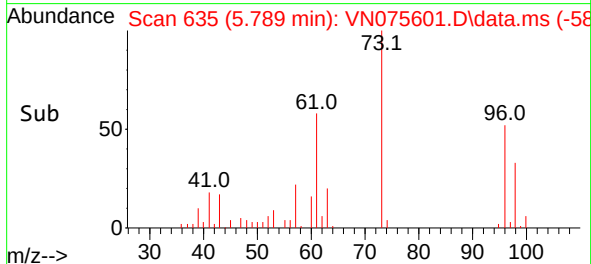
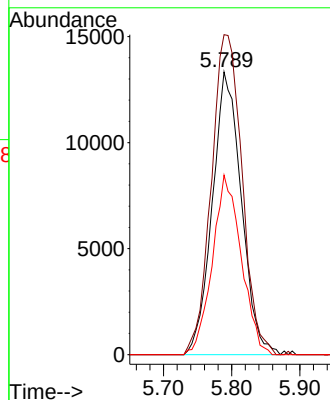
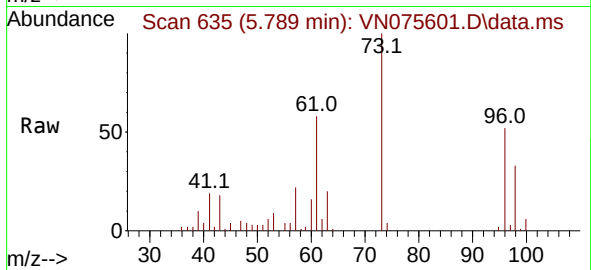
#21
trans-1,2-Dichloroethene
Concen: 19.881 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01

Tgt Ion: 96 Resp: 39490
Ion Ratio Lower Upper
96 100
61 113.2 99.9 149.9
98 63.5 51.5 77.3

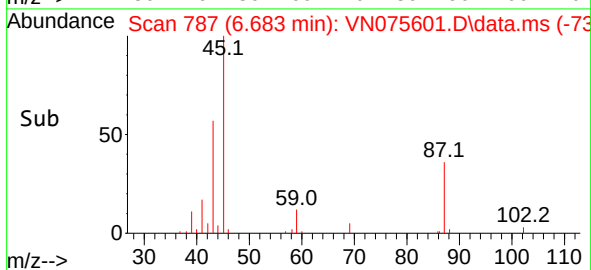
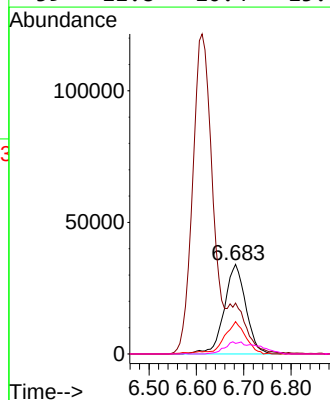
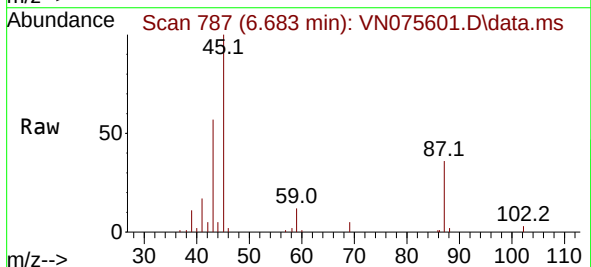
Manual Integrations
APPROVED

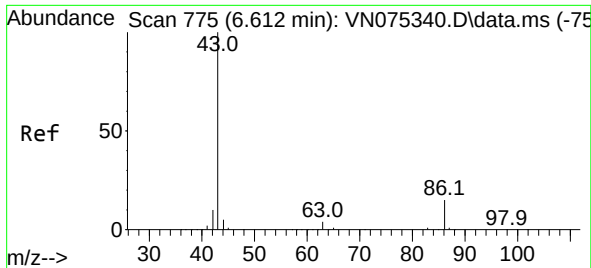
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#22
Diisopropyl ether
Concen: 20.861 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Tgt Ion: 45 Resp: 107327
Ion Ratio Lower Upper
45 100
43 55.4 42.8 64.2
87 36.1 28.4 42.6
59 11.8 10.4 15.6





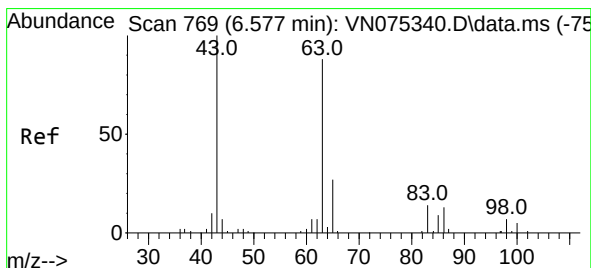
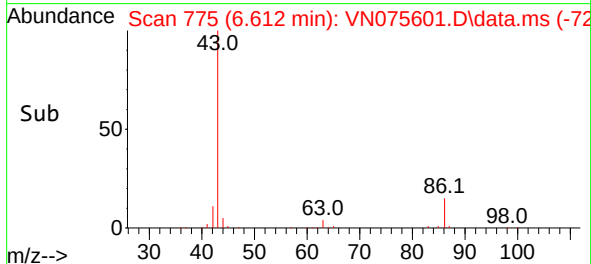
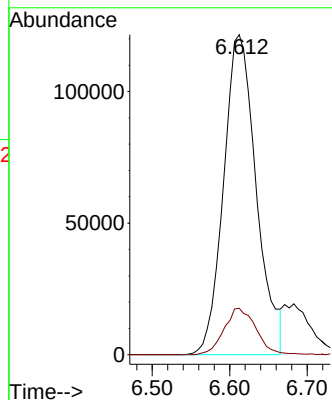
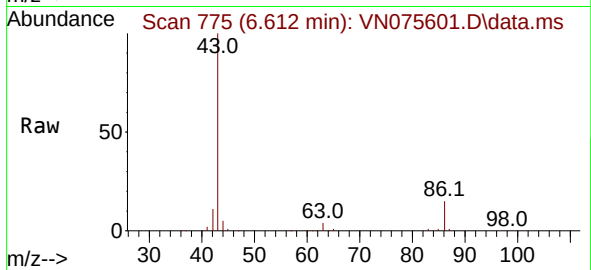
#23
 Vinyl Acetate
 Concen: 87.393 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075601.D
 Acq: 07 Dec 2022 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBS01

Tgt Ion: 43 Resp: 35770
 Ion Ratio Lower Upper
 43 100
 86 14.5 10.7 16.1

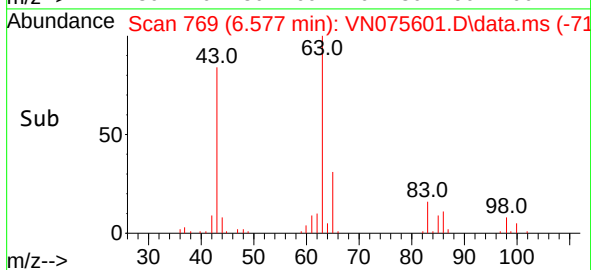
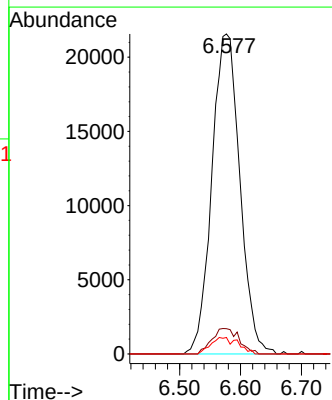
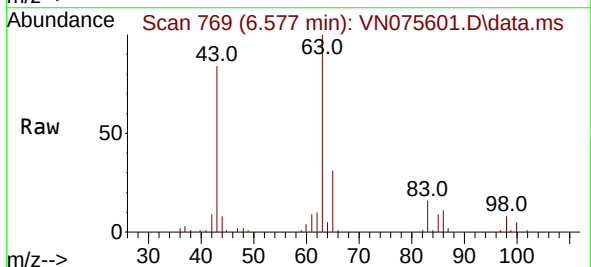
Manual Integrations
 APPROVED

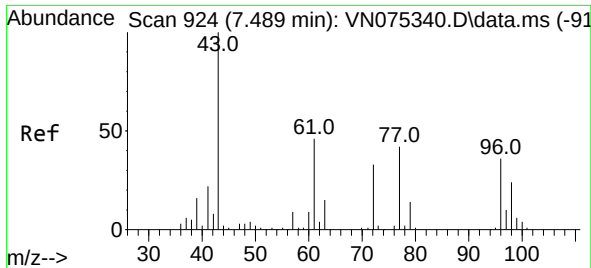
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#24
 1,1-Dichloroethane
 Concen: 20.858 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075601.D
 Acq: 07 Dec 2022 11:45

Tgt Ion: 63 Resp: 68880
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 5.2 2.4 7.2





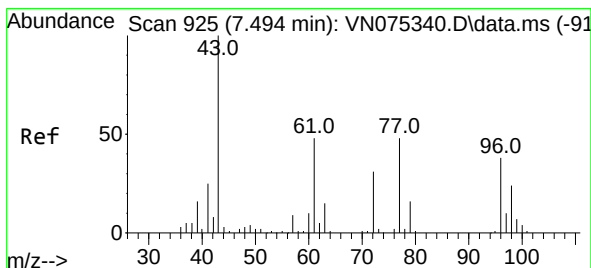
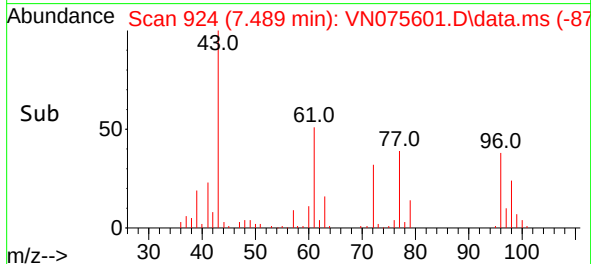
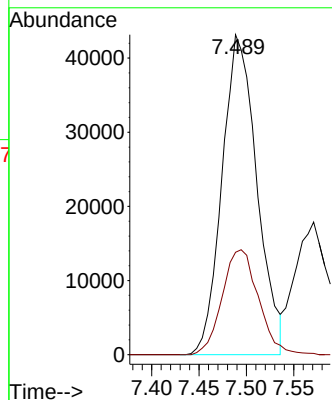
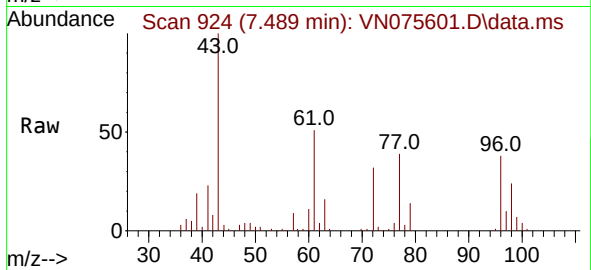
#25
2-Butanone
Concen: 84.164 ug/l
RT: 7.489 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01

Tgt Ion: 43 Resp: 11073
Ion Ratio Lower Upper
43 100
72 32.0 25.5 38.3

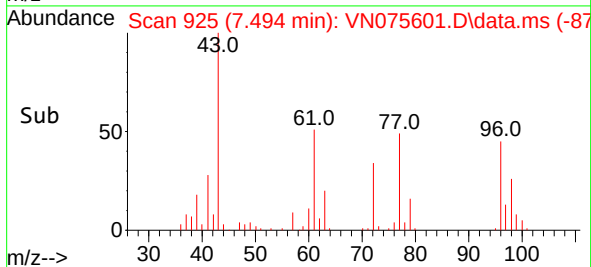
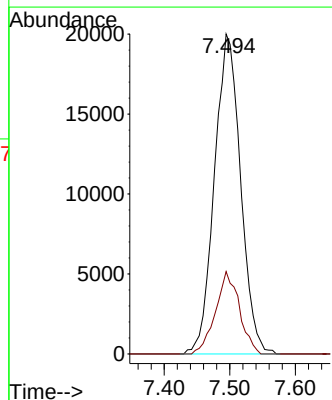
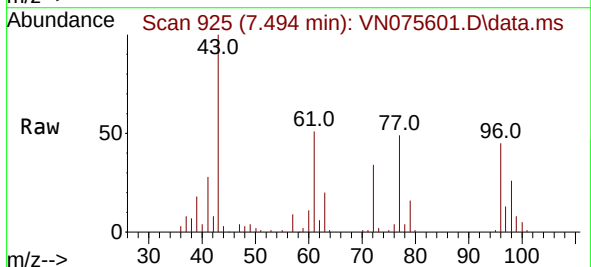
Manual Integrations
APPROVED

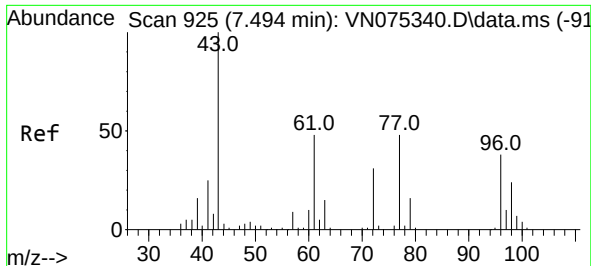
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#26
2,2-Dichloropropane
Concen: 18.021 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

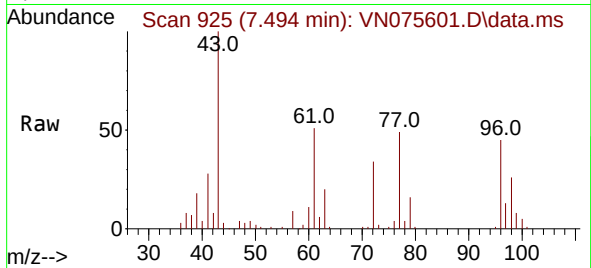
Tgt Ion: 77 Resp: 55308
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 21.058 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075601.D
 Acq: 07 Dec 2022 11:45

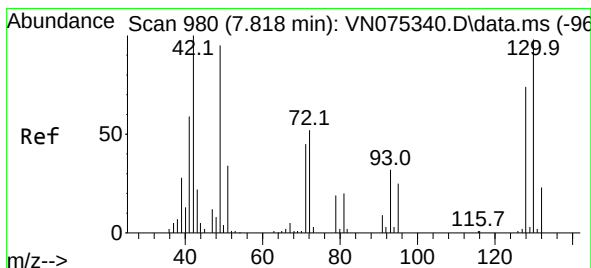
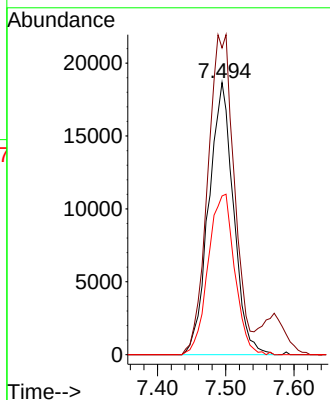
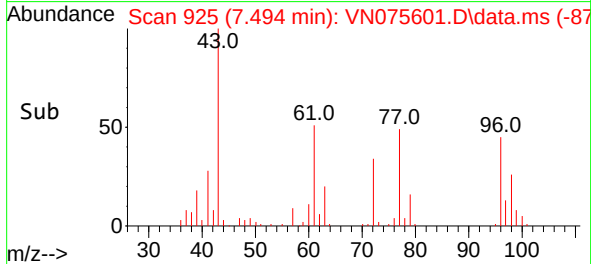
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBS01



Tgt Ion: 96 Resp: 4729
 Ion Ratio Lower Upper
 96 100
 61 126.4 0.0 278.8
 98 63.0 0.0 128.4

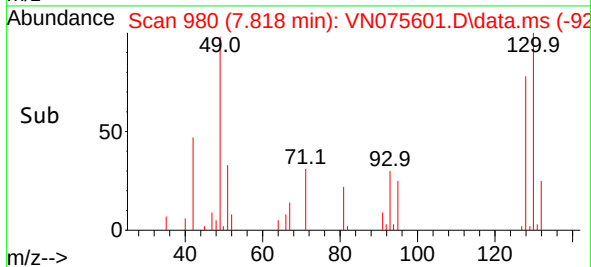
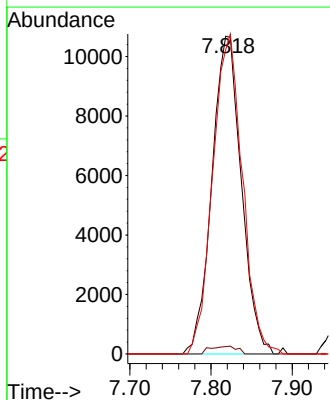
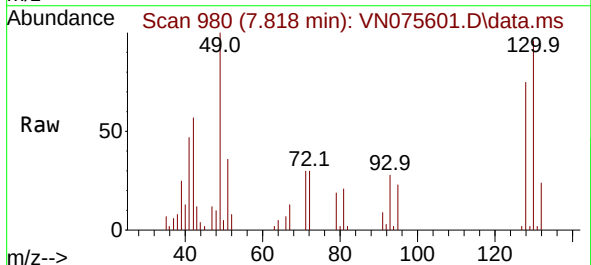
Manual Integrations
 APPROVED

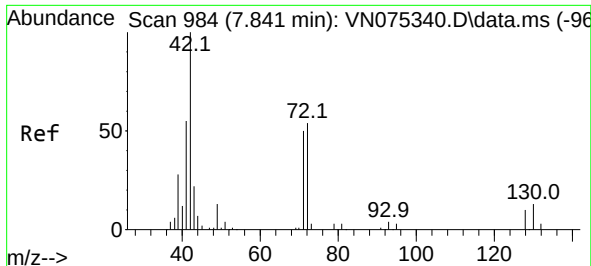
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#28
 Bromochloromethane
 Concen: 20.087 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075601.D
 Acq: 07 Dec 2022 11:45

Tgt Ion: 49 Resp: 26926
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 101.3 66.2 99.4#





#29

Tetrahydrofuran

Concen: 87.345 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075601.D

Acq: 07 Dec 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBS01

Tgt Ion: 42 Resp: 69900

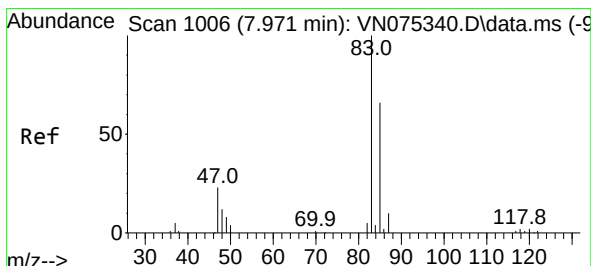
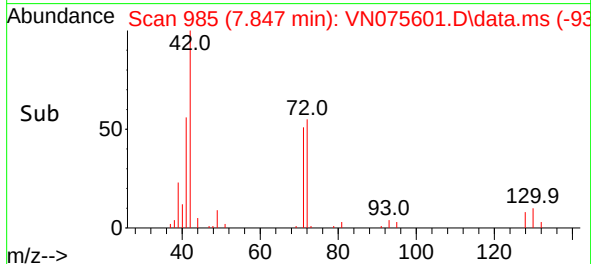
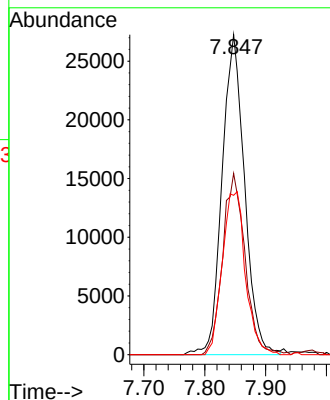
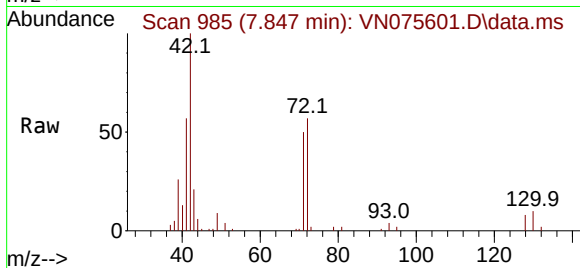
Ion	Ratio	Lower	Upper
42	100		
72	56.6	43.0	64.6
71	52.5	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#30

Chloroform

Concen: 19.678 ug/l

RT: 7.965 min Scan# 1005

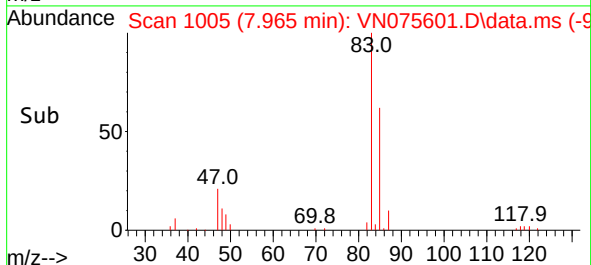
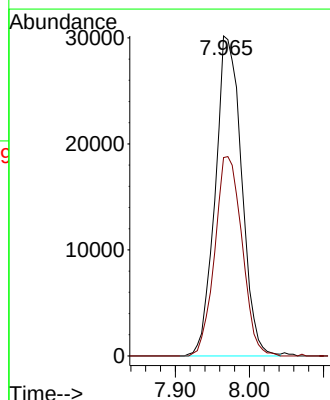
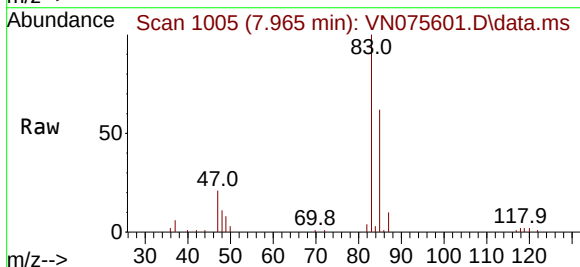
Delta R.T. -0.006 min

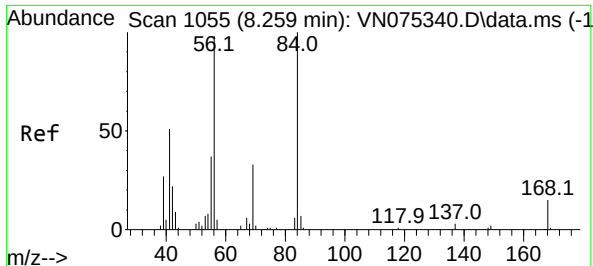
Lab File: VN075601.D

Acq: 07 Dec 2022 11:45

Tgt Ion: 83 Resp: 74625

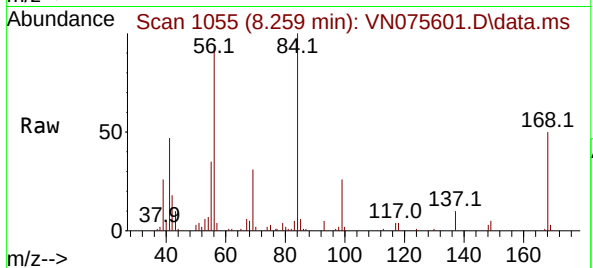
Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.4	77.0





#31
Cyclohexane
Concen: 18.534 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

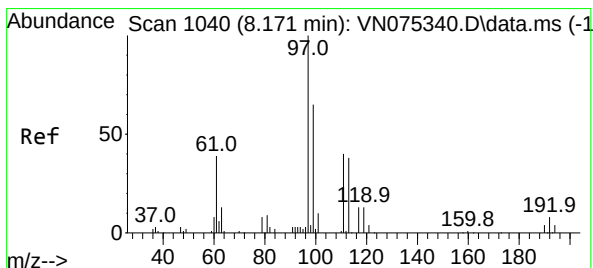
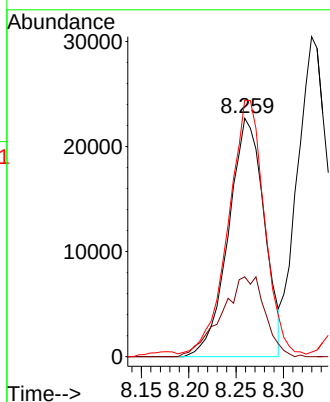
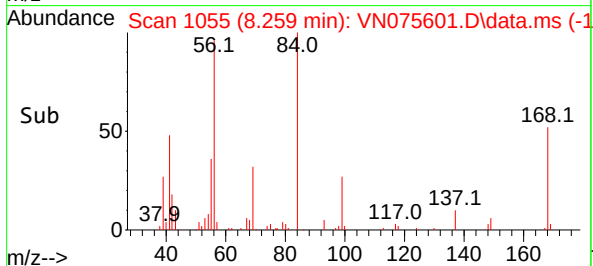
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01



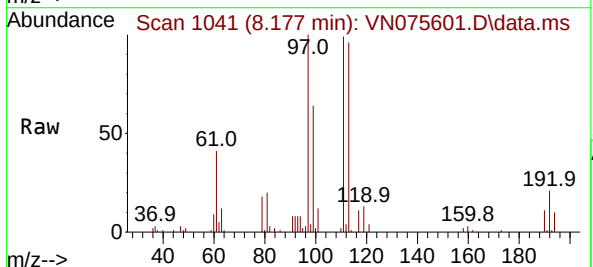
Tgt Ion: 56 Resp: 5949
Ion Ratio Lower Upper
56 100
69 33.5 25.2 37.8
84 106.5 77.8 116.8

Manual Integrations
APPROVED

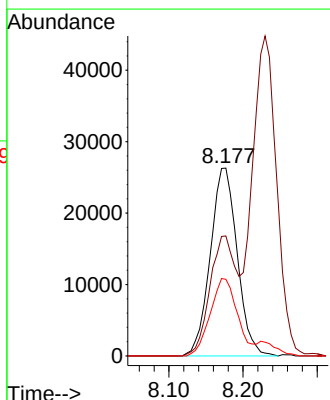
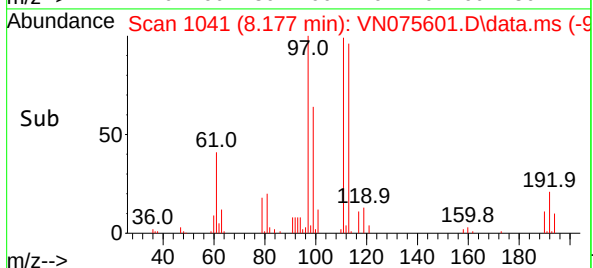
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

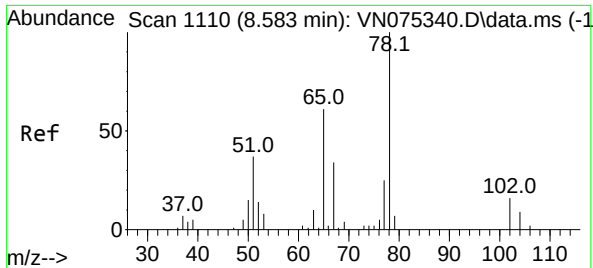


#32
1,1,1-Trichloroethane
Concen: 19.283 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45



Tgt Ion: 97 Resp: 66398
Ion Ratio Lower Upper
97 100
99 61.9 50.2 75.2
61 42.3 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 49.925 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075601.D

Acq: 07 Dec 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBS01

Tgt Ion: 65 Resp: 50439

Ion Ratio Lower Upper

65 100

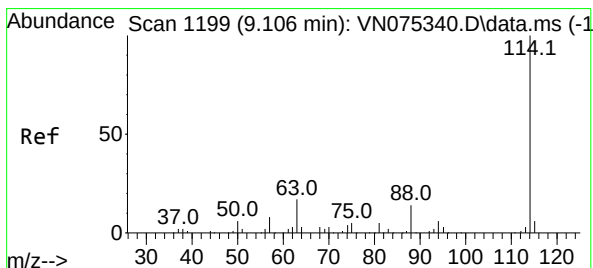
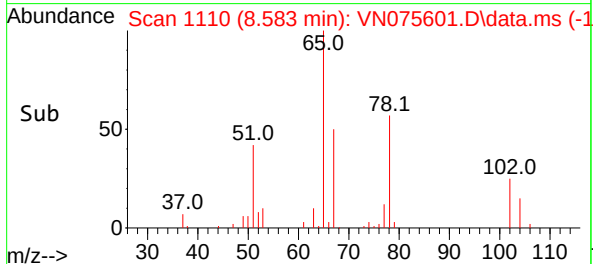
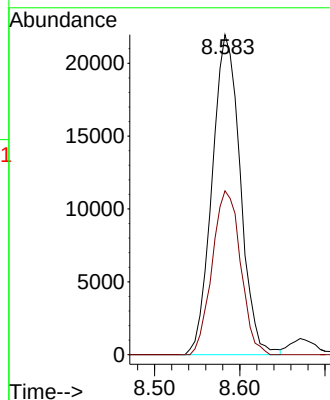
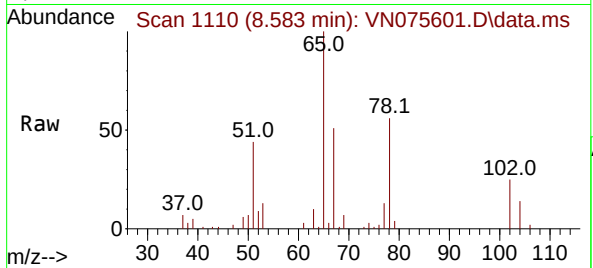
67 51.6 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075601.D

Acq: 07 Dec 2022 11:45

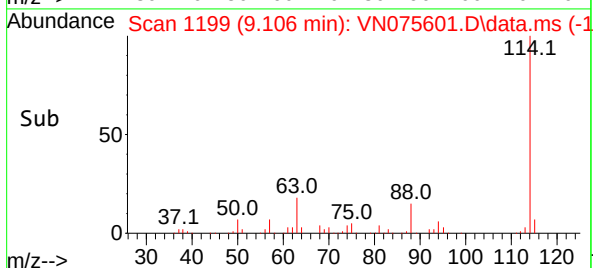
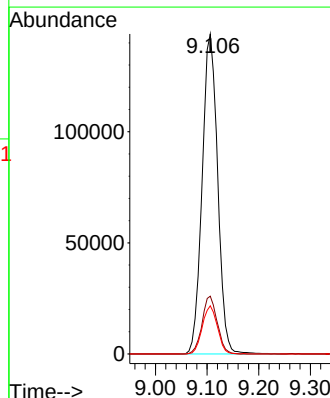
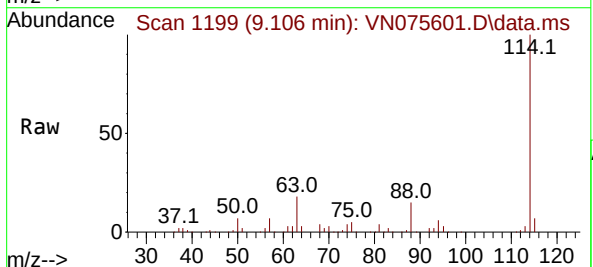
Tgt Ion:114 Resp: 300199

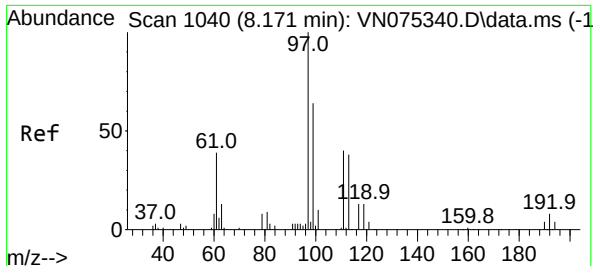
Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 56.076 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075601.D

Acq: 07 Dec 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBS01

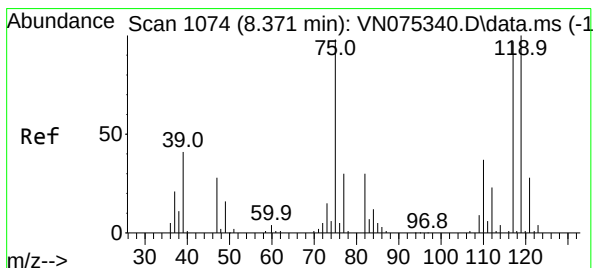
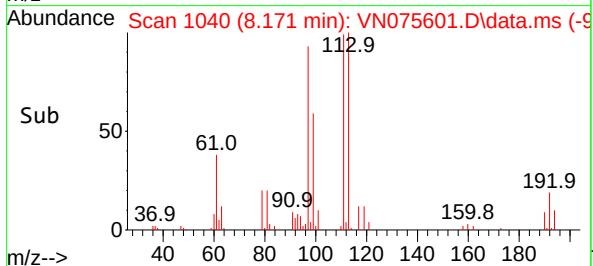
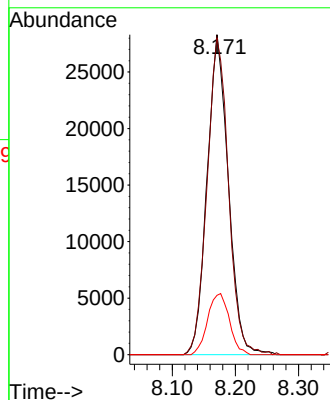
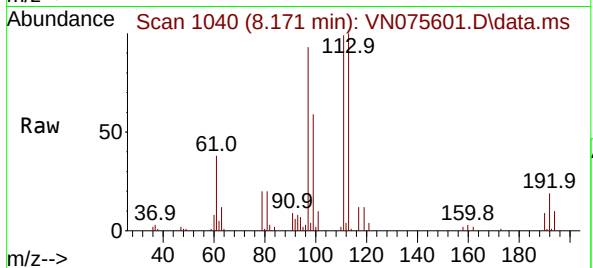
Tgt Ion:	113	Resp:	66129
Ion Ratio	Lower	Upper	
113	100		
111	100.0	80.5	120.7
192	19.6	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#36

1,1-Dichloropropene

Concen: 21.294 ug/l

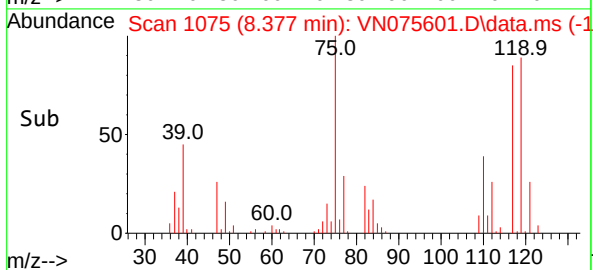
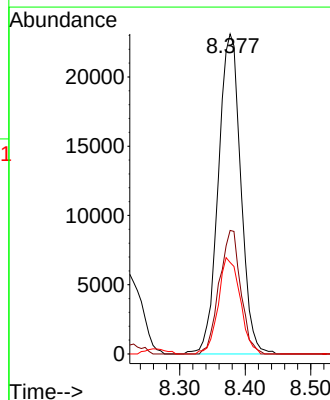
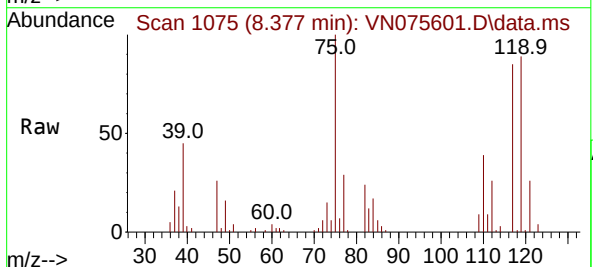
RT: 8.377 min Scan# 1075

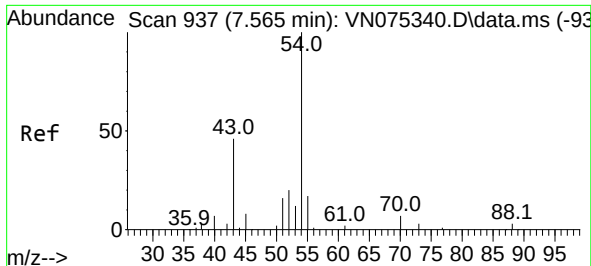
Delta R.T. 0.006 min

Lab File: VN075601.D

Acq: 07 Dec 2022 11:45

Tgt Ion:	75	Resp:	54762
Ion Ratio	Lower	Upper	
75	100		
110	37.0	17.8	53.3
77	29.4	24.6	37.0





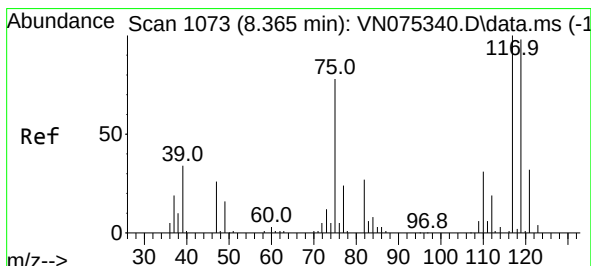
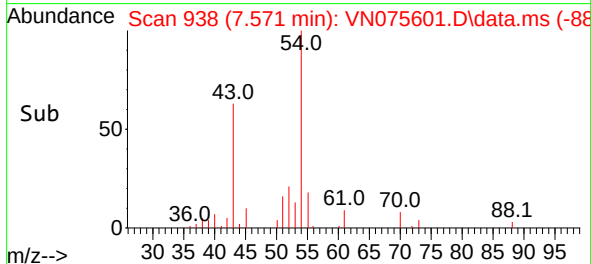
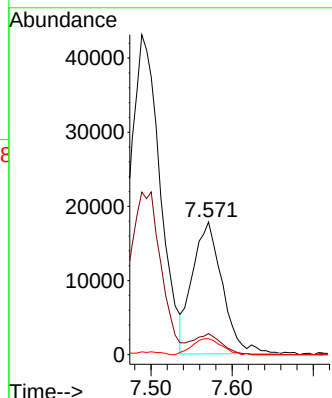
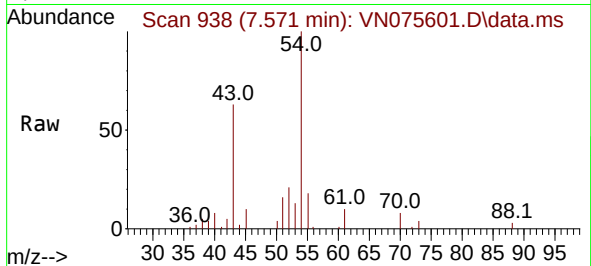
#37
Ethyl Acetate
Concen: 19.683 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01

Tgt Ion: 43 Resp: 45580
Ion Ratio Lower Upper
43 100
61 14.9 12.2 18.4
70 12.0 9.4 14.2

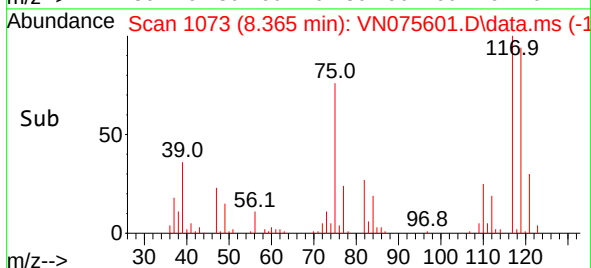
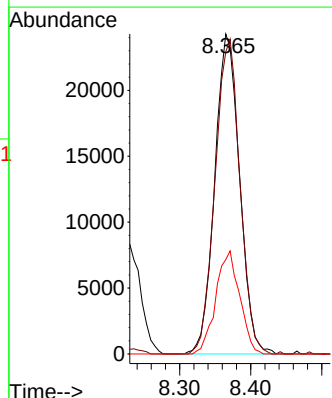
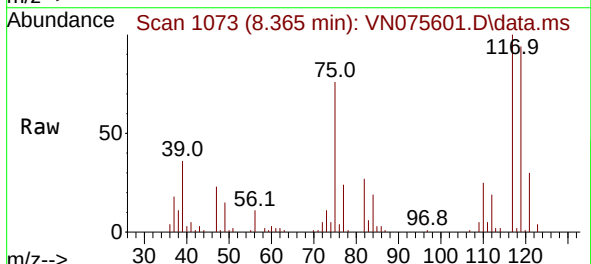
Manual Integrations
APPROVED

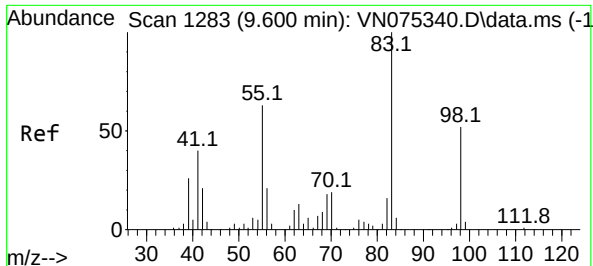
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#38
Carbon Tetrachloride
Concen: 20.847 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Tgt Ion:117 Resp: 58895
Ion Ratio Lower Upper
117 100
119 94.4 76.7 115.1
121 29.5 23.9 35.9





#39

Methylcyclohexane

Concen: 21.263 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075601.D

Acq: 07 Dec 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBS01

Tgt Ion: 83 Resp: 68439

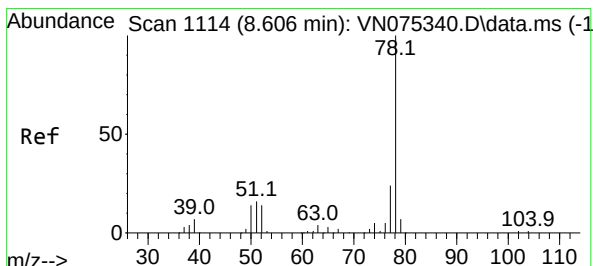
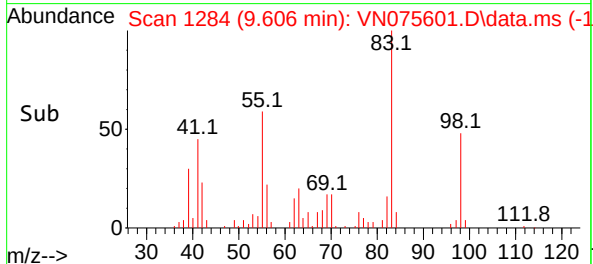
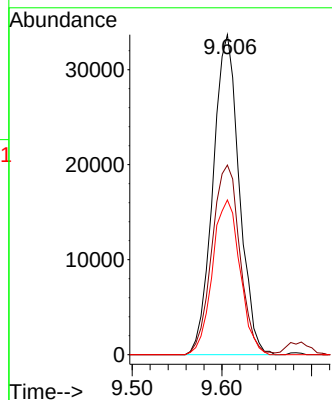
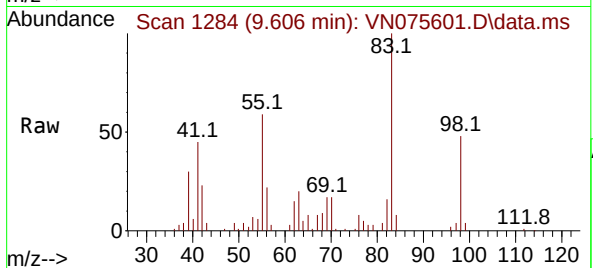
Ion	Ratio	Lower	Upper
83	100		
55	59.3	53.6	80.4
98	48.4	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#40

Benzene

Concen: 21.052 ug/l

RT: 8.612 min Scan# 1115

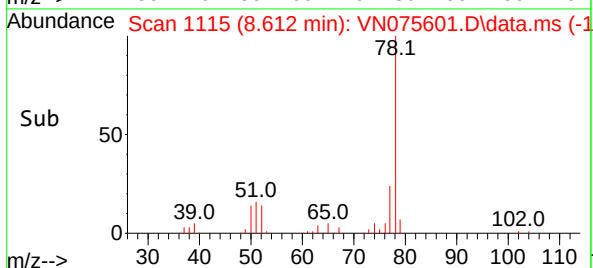
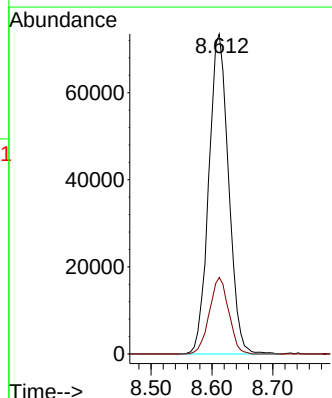
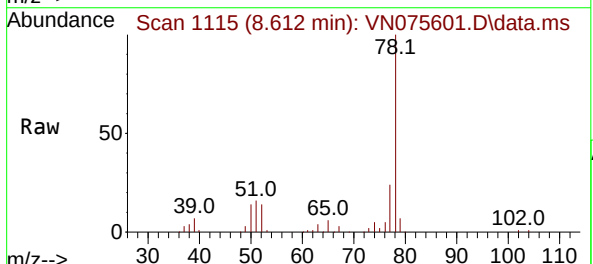
Delta R.T. 0.006 min

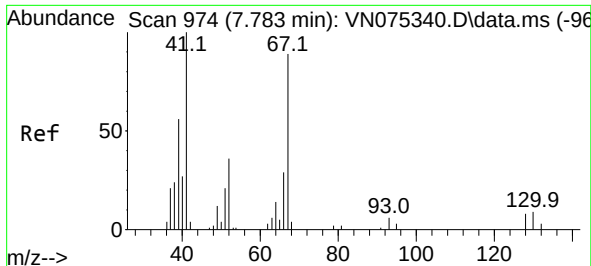
Lab File: VN075601.D

Acq: 07 Dec 2022 11:45

Tgt Ion: 78 Resp: 165758

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.0





#41
Methacrylonitrile
Concen: 21.714 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

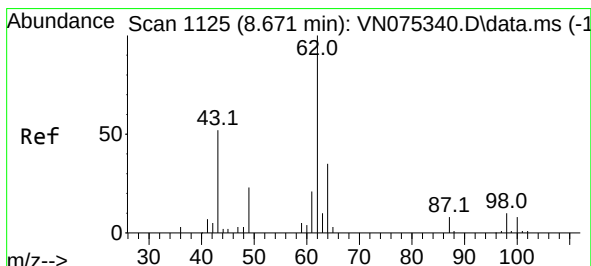
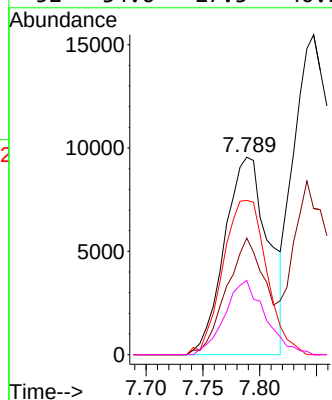
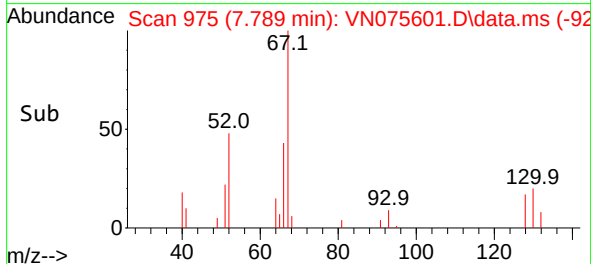
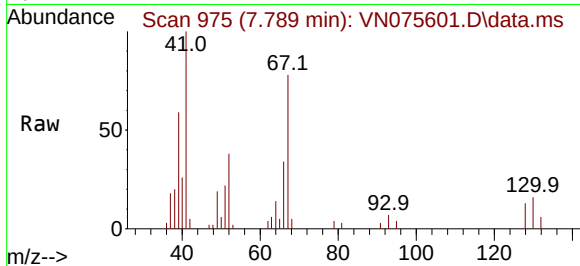
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01

Tgt Ion: 41 Resp: 2570

Ion	Ratio	Lower	Upper
41	100		
39	51.3	44.4	66.6
67	77.7	69.8	104.6
52	34.6	27.3	40.9

Manual Integrations
APPROVED

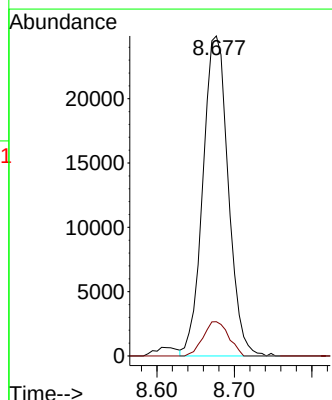
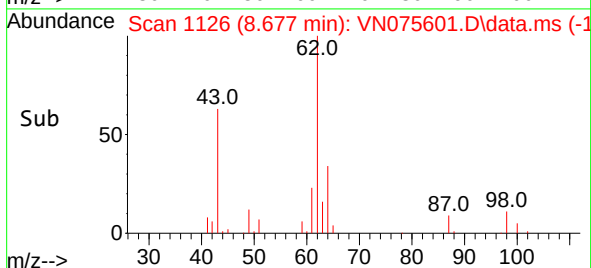
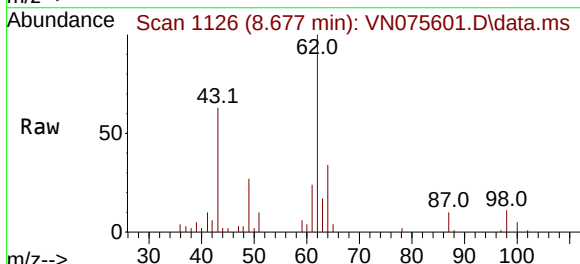
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

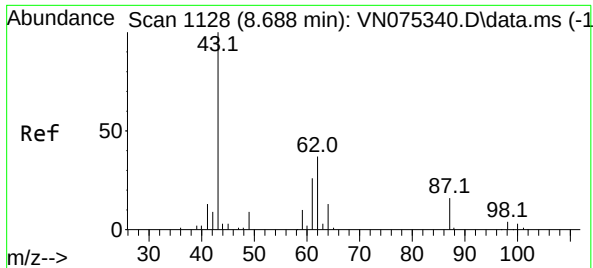


#42
1,2-Dichloroethane
Concen: 21.442 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Tgt Ion: 62 Resp: 56545

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	18.2





#43

Isopropyl Acetate

Concen: 20.417 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075601.D

Acq: 07 Dec 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBS01

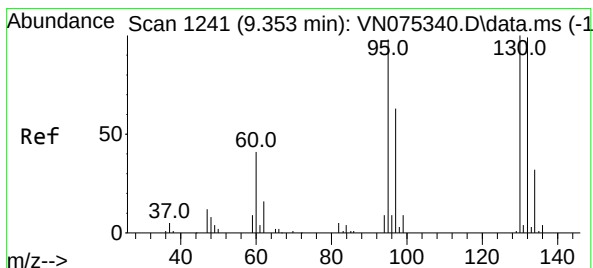
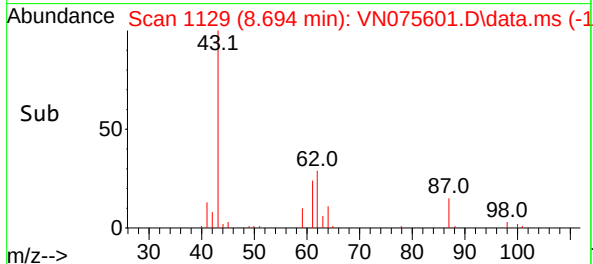
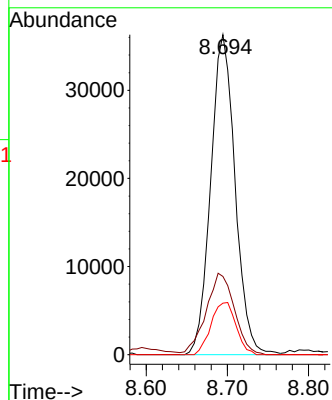
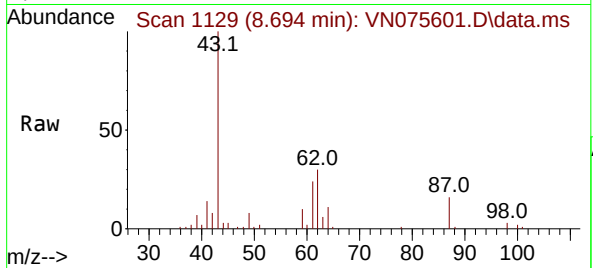
Tgt Ion: 43	Resp: 75889
Ion Ratio	Lower Upper
43 100	
61 29.6	22.4 33.6
87 16.7	12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#44

Trichloroethene

Concen: 21.275 ug/l

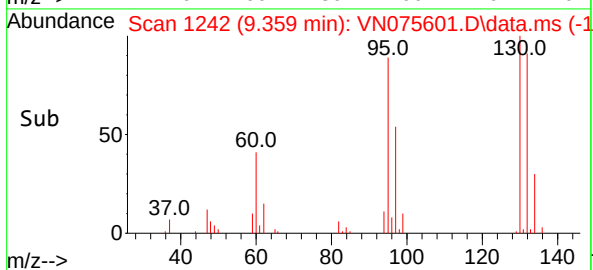
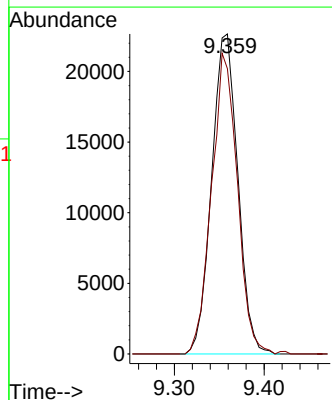
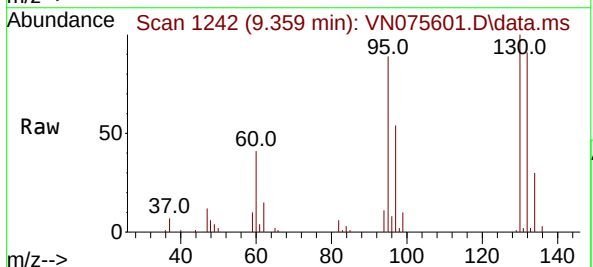
RT: 9.359 min Scan# 1242

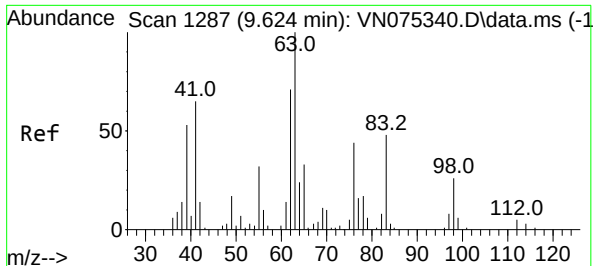
Delta R.T. 0.006 min

Lab File: VN075601.D

Acq: 07 Dec 2022 11:45

Tgt Ion:130	Resp: 45836
Ion Ratio	Lower Upper
130 100	
95 89.2	0.0 198.4





#45

1,2-Dichloropropane

Concen: 20.849 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075601.D

Acq: 07 Dec 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBS01

Tgt Ion: 63 Resp: 39120

Ion Ratio Lower Upper

63 100

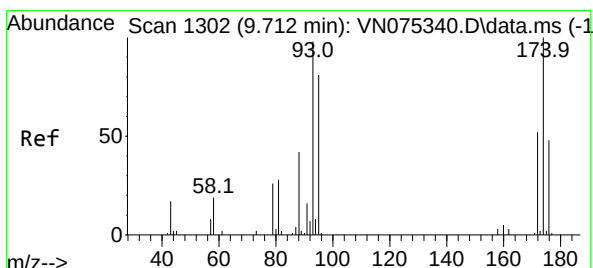
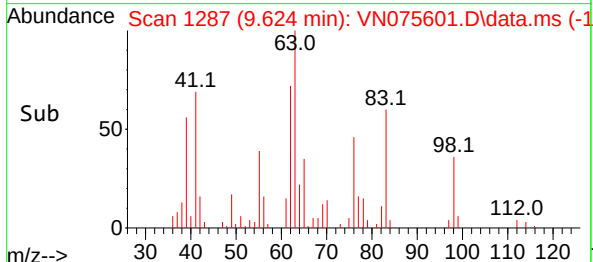
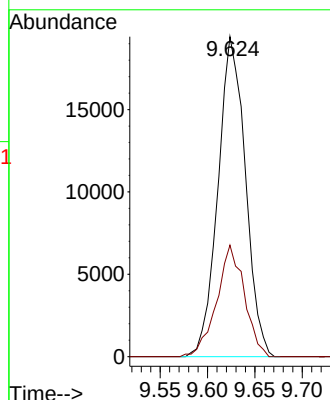
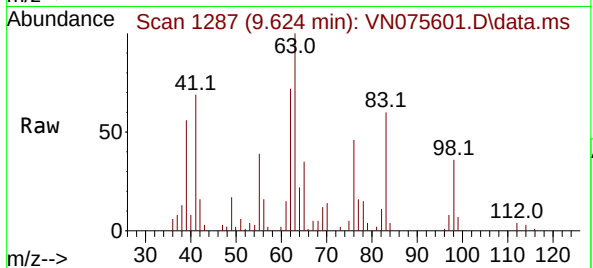
65 34.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#46

Dibromomethane

Concen: 21.840 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075601.D

Acq: 07 Dec 2022 11:45

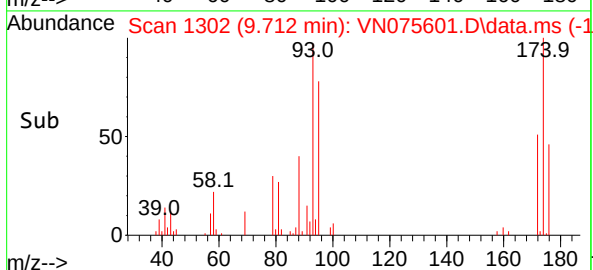
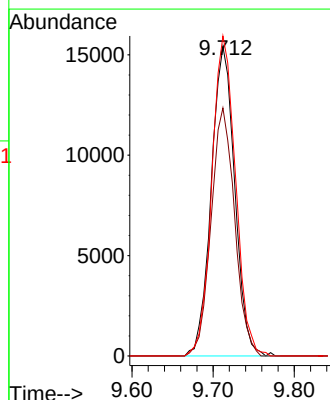
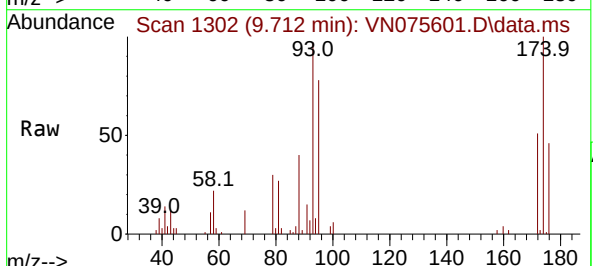
Tgt Ion: 93 Resp: 30997

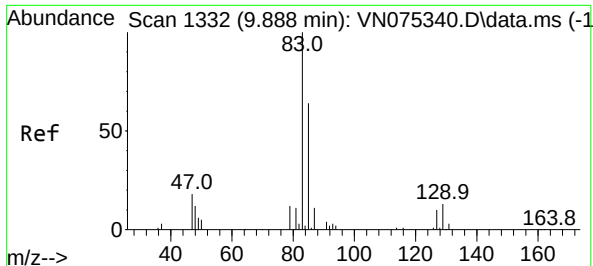
Ion Ratio Lower Upper

93 100

95 80.4 66.6 99.8

174 104.0 70.3 105.5





#47

Bromodichloromethane

Concen: 21.784 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. 0.000 min

Lab File: VN075601.D

Acq: 07 Dec 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBS01

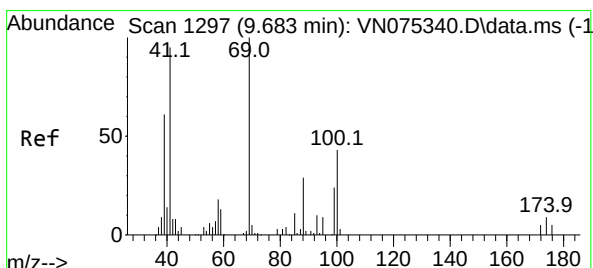
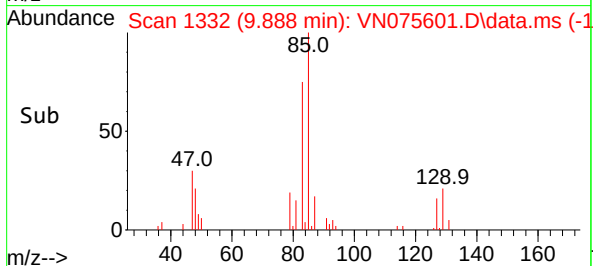
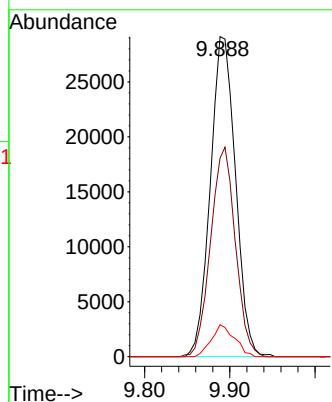
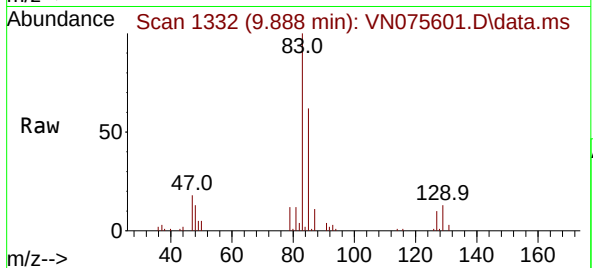
Tgt Ion: 83	Resp: 5987
Ion Ratio	Lower Upper
83 100	
85 62.1	52.1 78.1
127 10.0	6.6 10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#48

Methyl methacrylate

Concen: 20.704 ug/l

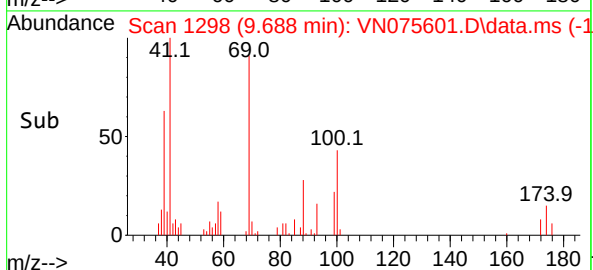
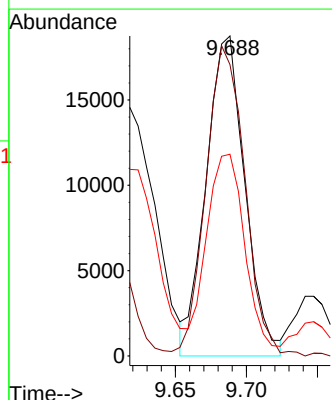
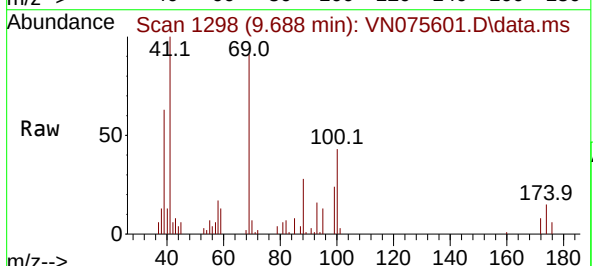
RT: 9.688 min Scan# 1298

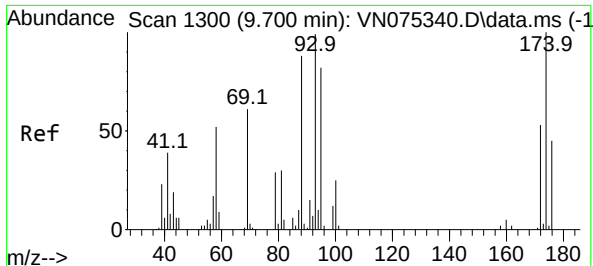
Delta R.T. 0.005 min

Lab File: VN075601.D

Acq: 07 Dec 2022 11:45

Tgt Ion: 41	Resp: 35583
Ion Ratio	Lower Upper
41 100	
69 97.6	80.2 120.2
39 62.8	56.2 84.2





#49

1,4-Dioxane

Concen: 373.542 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075601.D

Acq: 07 Dec 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBS01

Tgt Ion: 88 Resp: 18230

Ion Ratio Lower Upper

88 100

43 19.4 17.5 26.3

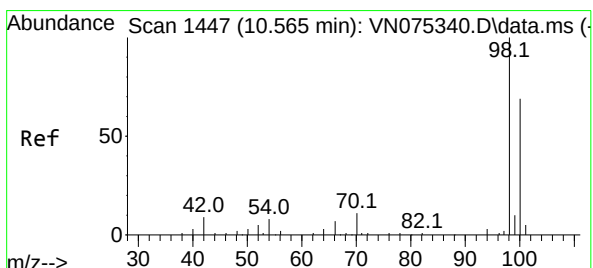
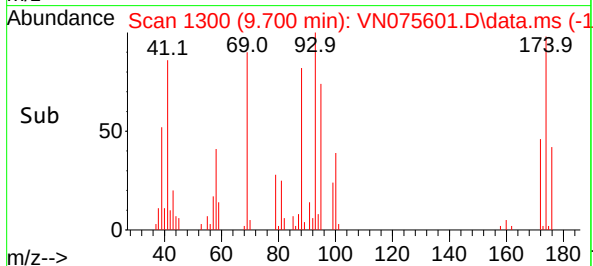
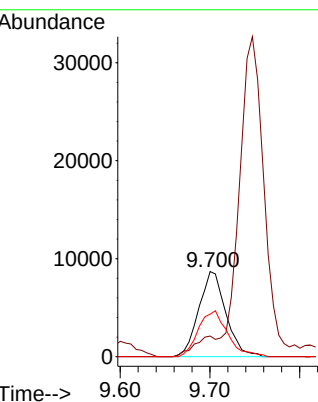
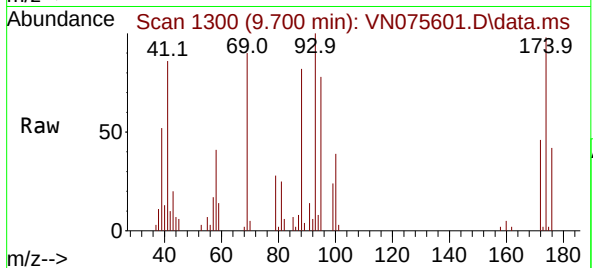
58 58.2 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#50

Toluene-d8

Concen: 51.286 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075601.D

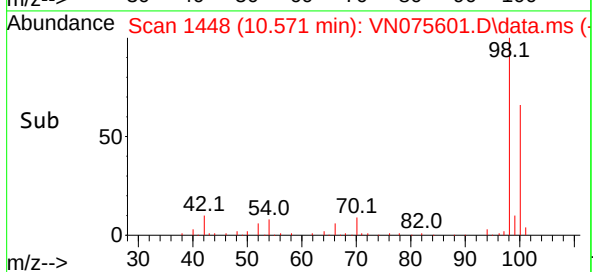
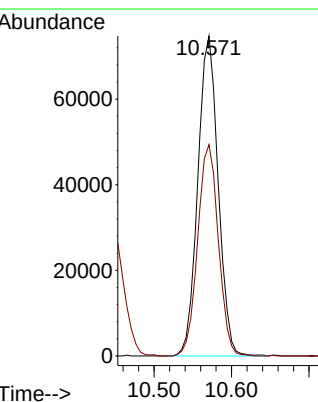
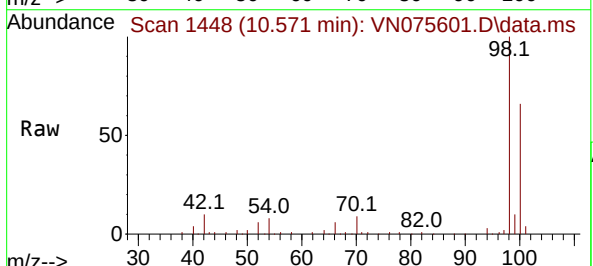
Acq: 07 Dec 2022 11:45

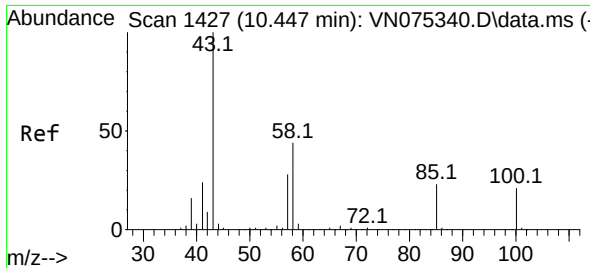
Tgt Ion: 98 Resp: 136218

Ion Ratio Lower Upper

98 100

100 67.1 53.0 79.6





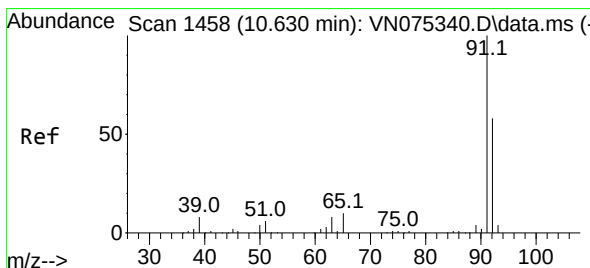
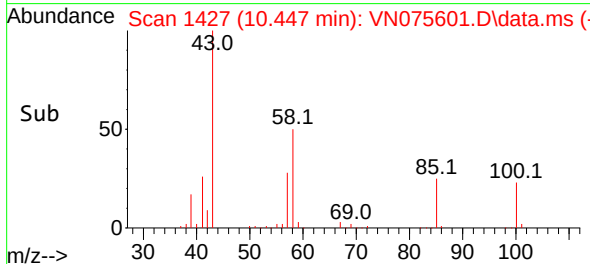
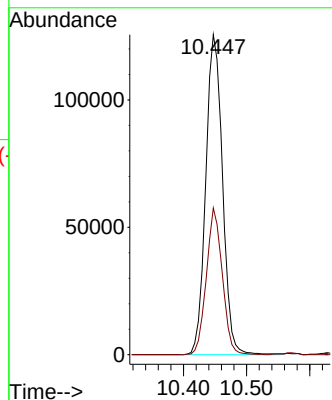
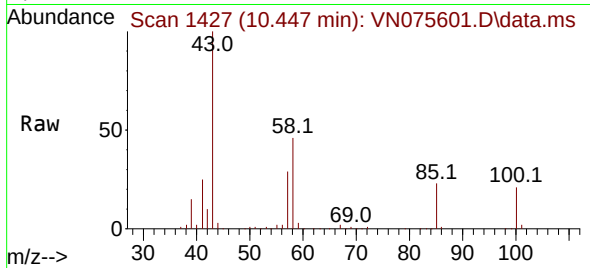
#51
4-Methyl-2-Pentanone
Concen: 97.728 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01

Tgt Ion: 43 Resp: 231360
Ion Ratio Lower Upper
43 100
58 43.5 33.6 50.4

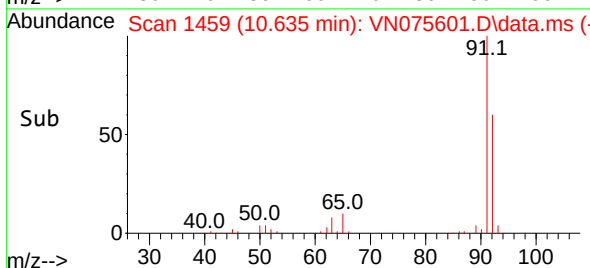
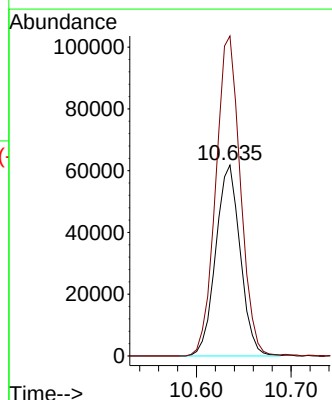
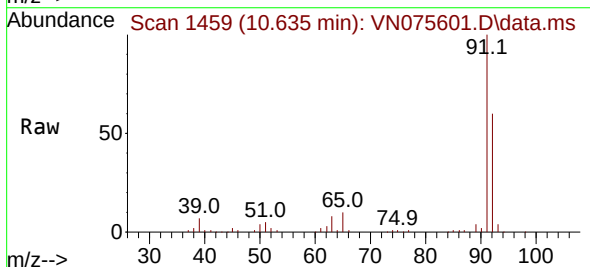
Manual Integrations
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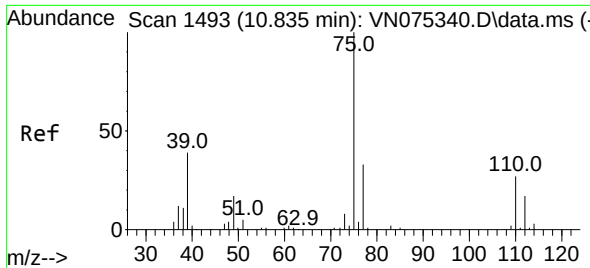
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#52
Toluene
Concen: 21.875 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Tgt Ion: 92 Resp: 110995
Ion Ratio Lower Upper
92 100
91 169.1 135.4 203.2





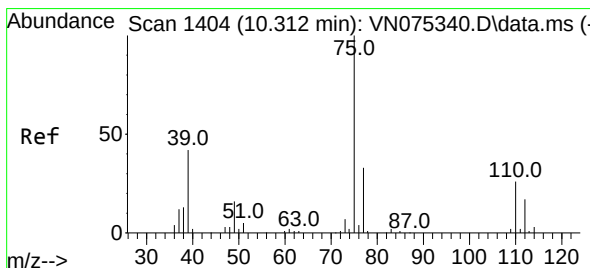
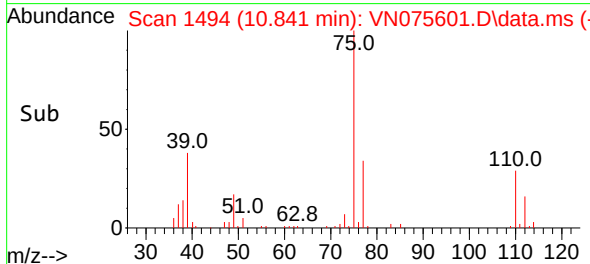
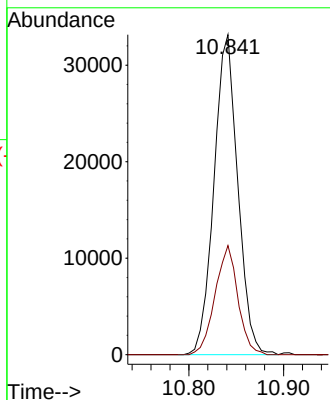
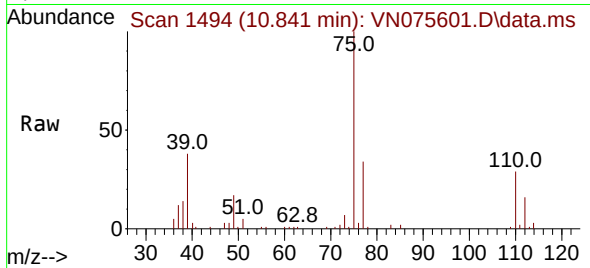
#53
 t-1,3-Dichloropropene
 Concen: 20.986 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN075601.D
 Acq: 07 Dec 2022 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBS01

Tgt Ion: 75 Resp: 57904
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.4 38.2

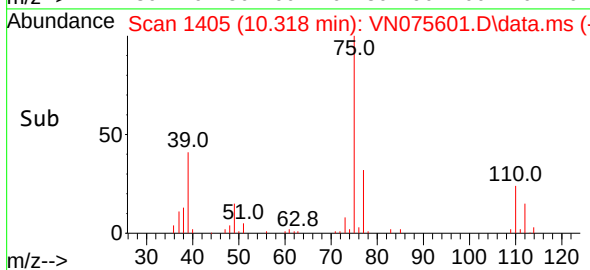
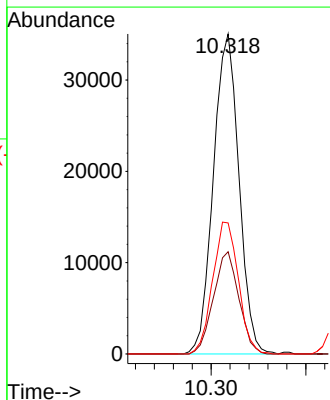
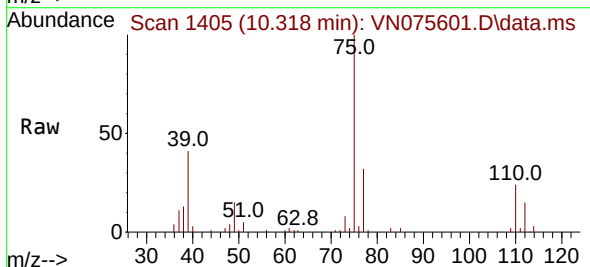
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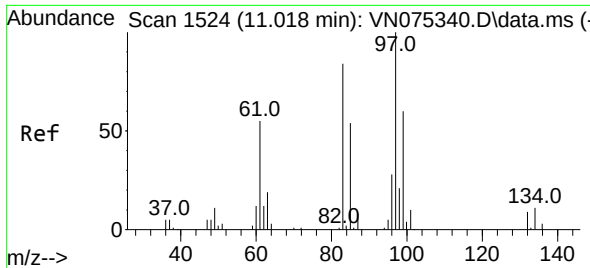
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#54
 cis-1,3-Dichloropropene
 Concen: 21.919 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075601.D
 Acq: 07 Dec 2022 11:45

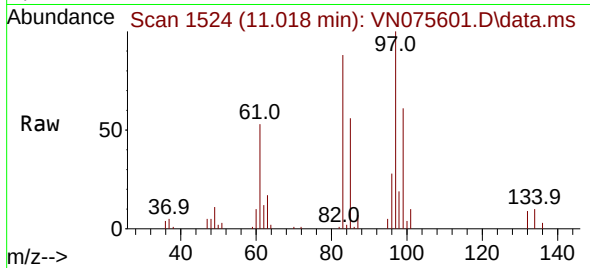
Tgt Ion: 75 Resp: 65687
 Ion Ratio Lower Upper
 75 100
 77 31.9 23.7 35.5
 39 41.0 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 20.826 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

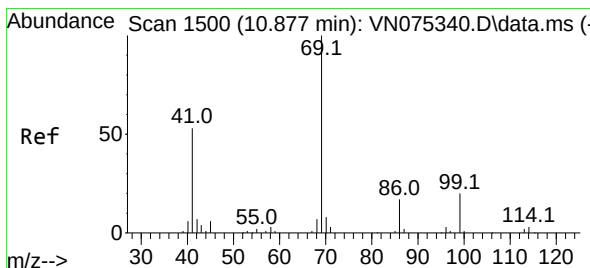
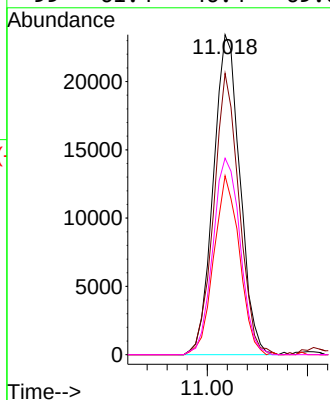
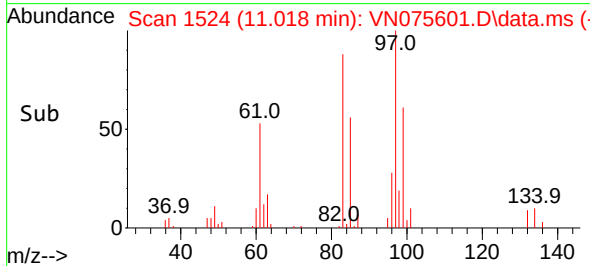
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01



Tgt Ion: 97 Resp: 43040
Ion Ratio Lower Upper
97 100
83 87.9 65.9 98.9
85 55.9 40.4 60.6
99 61.4 46.4 69.6

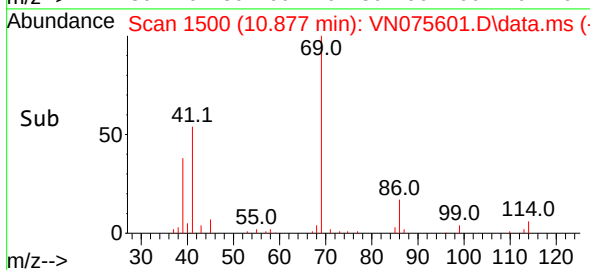
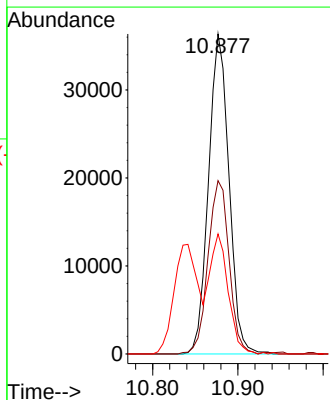
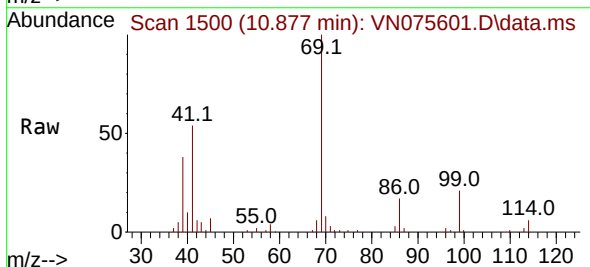
Manual Integrations
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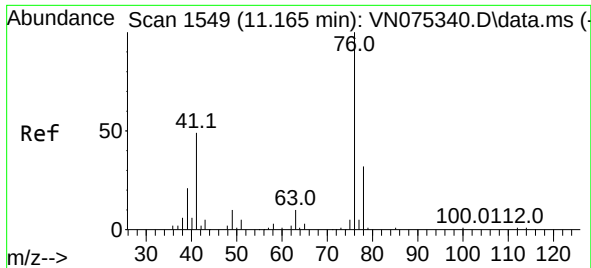
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#56
Ethyl methacrylate
Concen: 21.708 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Tgt Ion: 69 Resp: 60585
Ion Ratio Lower Upper
69 100
41 55.7 45.6 68.4
39 34.3 28.5 42.7





#57

1,3-Dichloropropane

Concen: 21.391 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075601.D

Acq: 07 Dec 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBS01

Tgt Ion: 76 Resp: 7208

Ion Ratio Lower Upper

76 100

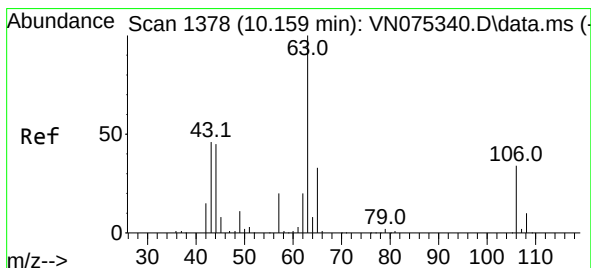
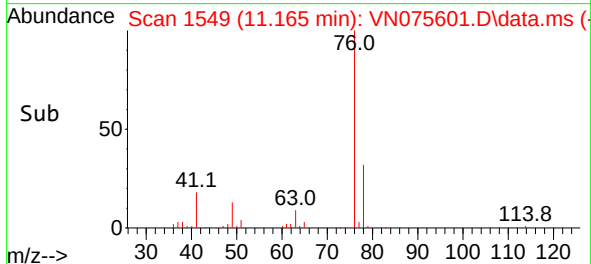
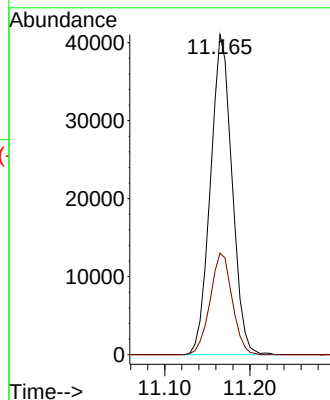
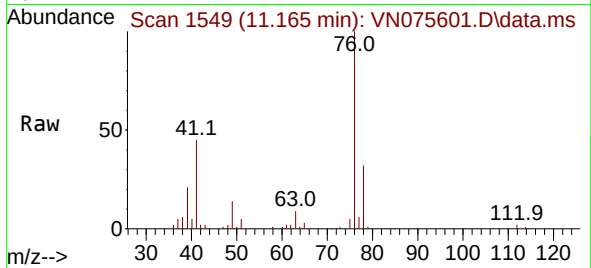
78 32.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#58

2-Chloroethyl Vinyl ether

Concen: 98.685 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VN075601.D

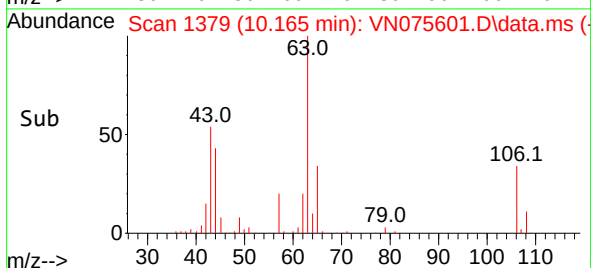
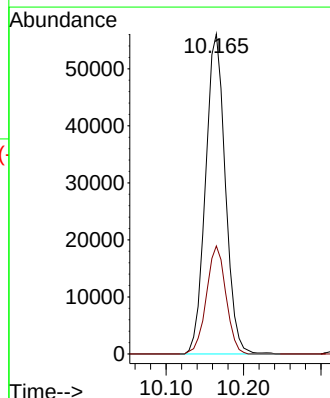
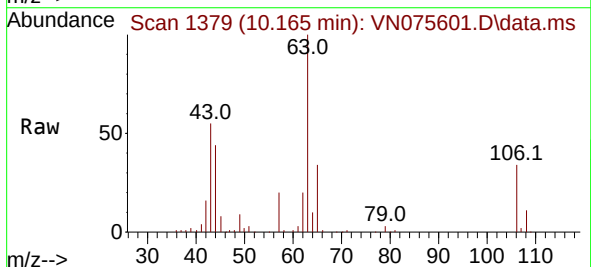
Acq: 07 Dec 2022 11:45

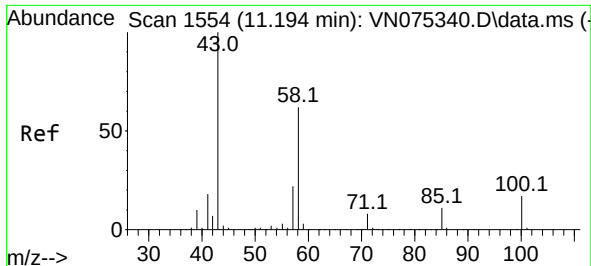
Tgt Ion: 63 Resp: 99332

Ion Ratio Lower Upper

63 100

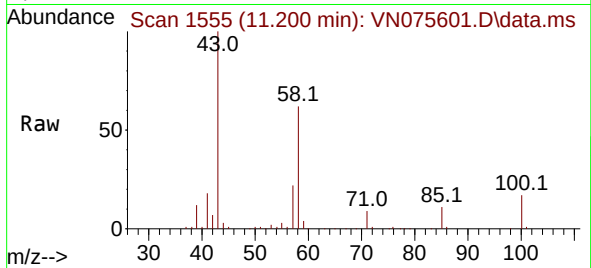
106 33.3 24.8 37.2





#59
2-Hexanone
Concen: 97.229 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

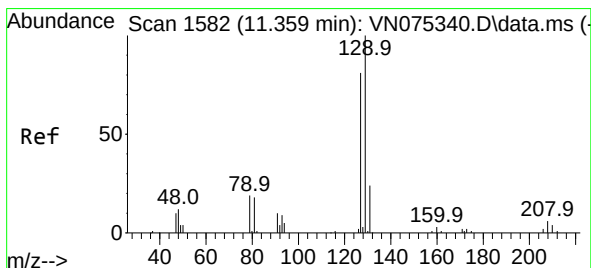
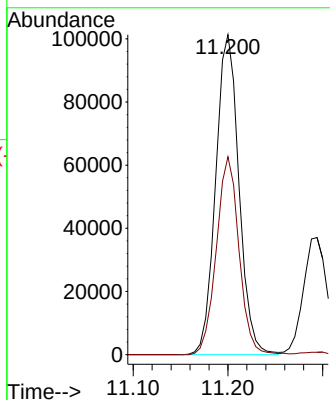
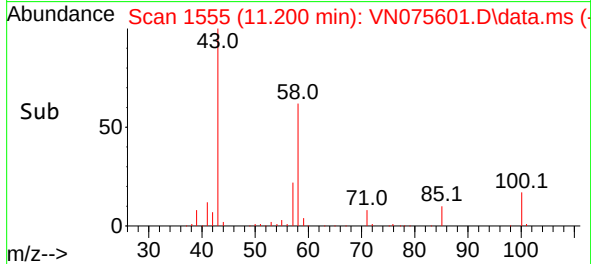
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01



Tgt Ion: 43 Resp: 17284
Ion Ratio Lower Upper
43 100
58 60.2 29.6 88.8

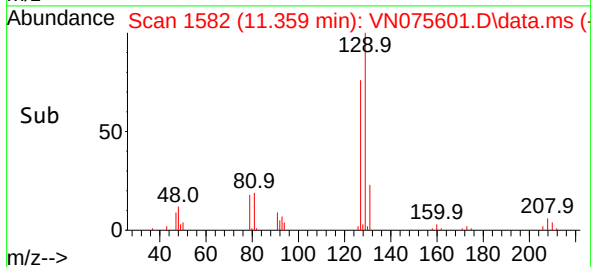
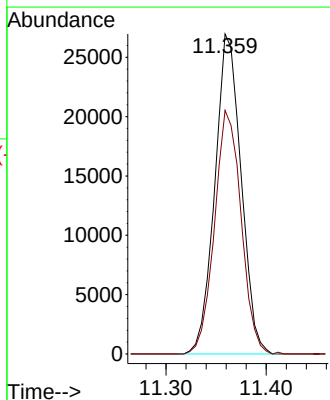
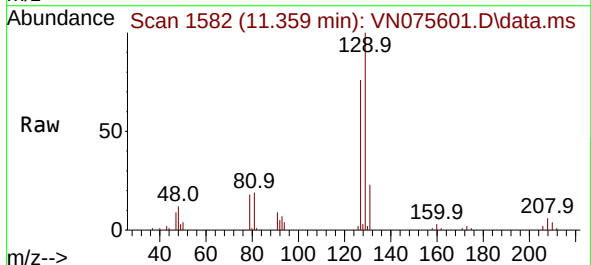
Manual Integrations
APPROVED

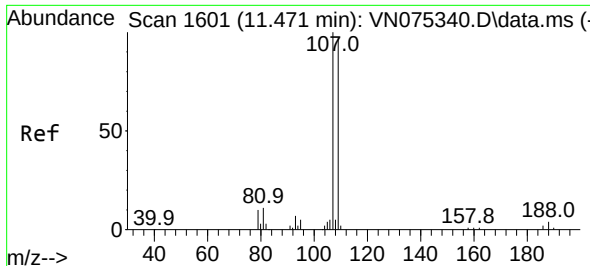
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#60
Dibromochloromethane
Concen: 23.093 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

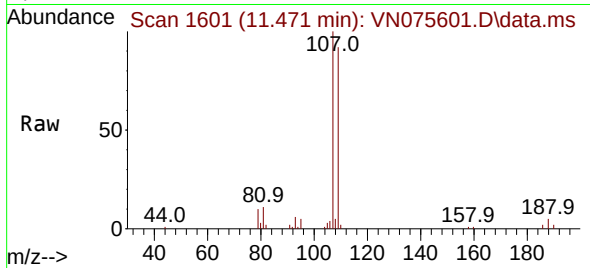
Tgt Ion:129 Resp: 48986
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 21.086 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

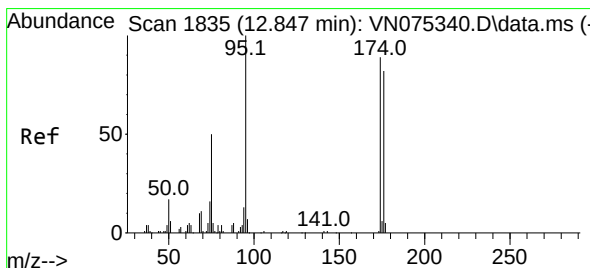
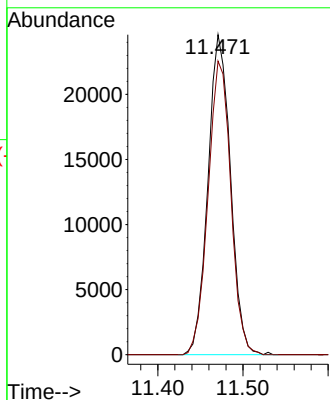
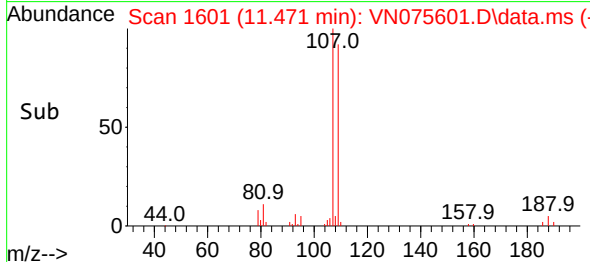
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01



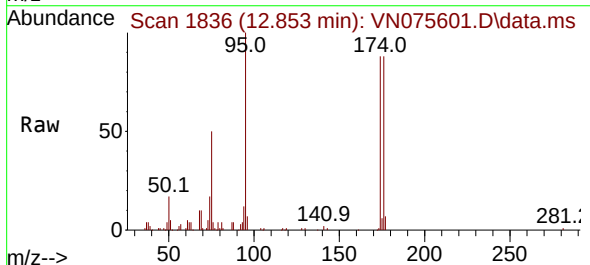
Tgt Ion:107 Resp: 45229
Ion Ratio Lower Upper
107 100
109 92.7 75.6 113.4

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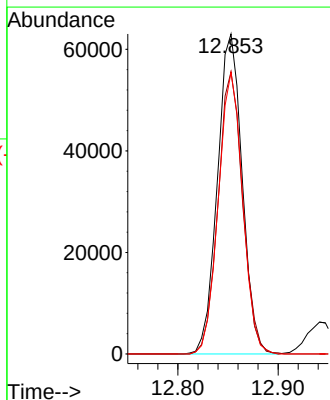
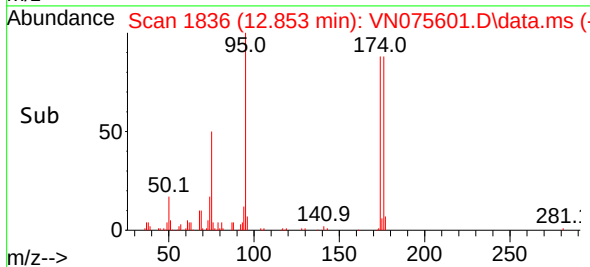
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

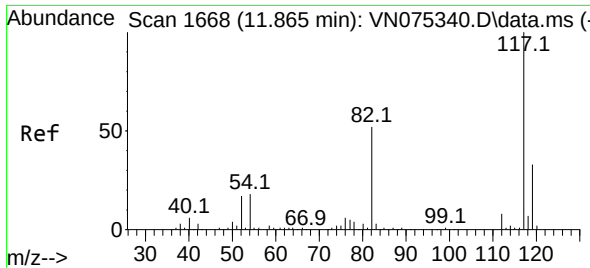


#62
4-Bromofluorobenzene
Concen: 55.054 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45



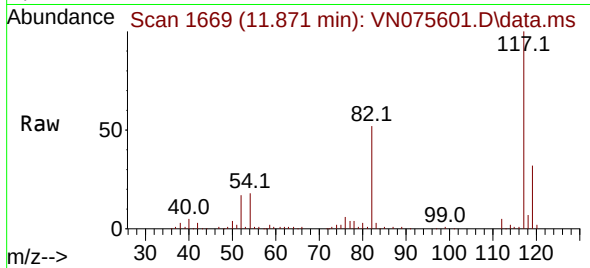
Tgt Ion: 95 Resp: 107931
Ion Ratio Lower Upper
95 100
174 87.4 0.0 147.4
176 86.4 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

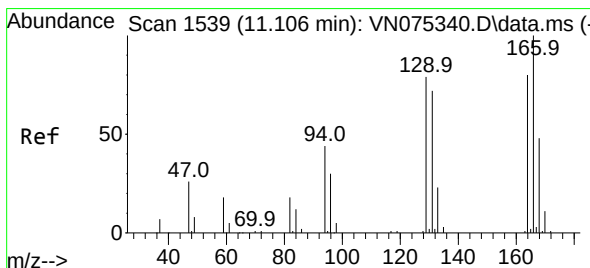
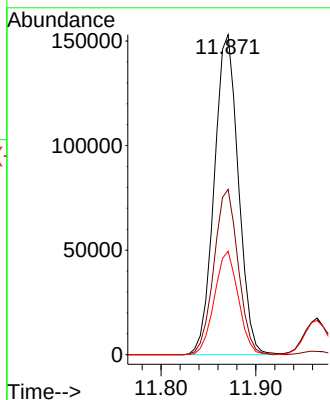
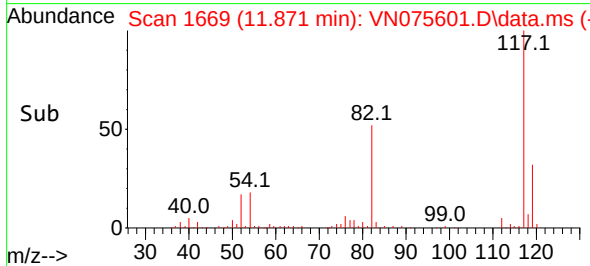
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01



Tgt Ion:117 Resp: 27089
Ion Ratio Lower Upper
117 100
82 51.6 43.1 64.7
119 32.3 25.5 38.3

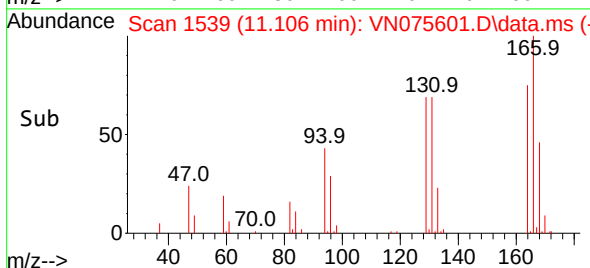
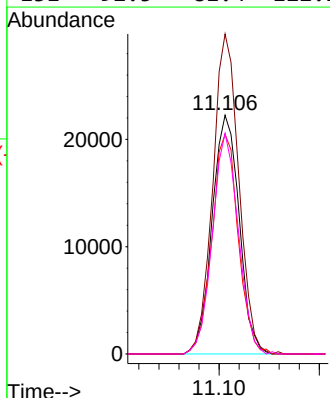
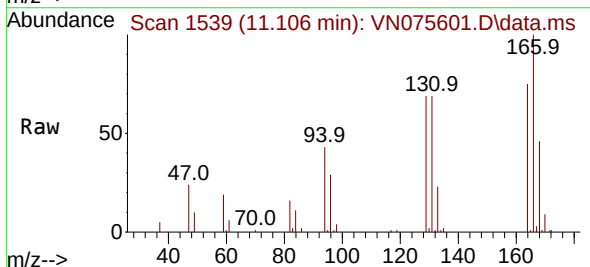
Manual Integrations
APPROVED

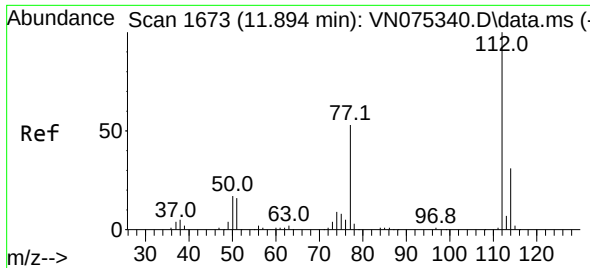
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#64
Tetrachloroethene
Concen: 20.124 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

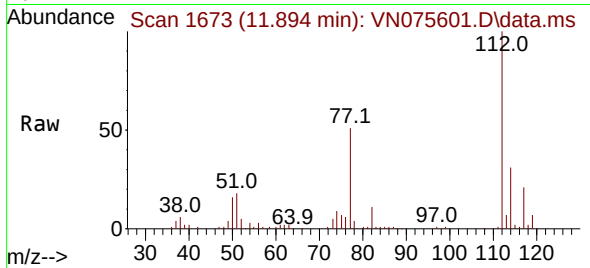
Tgt Ion:164 Resp: 41631
Ion Ratio Lower Upper
164 100
166 134.1 106.5 159.7
129 92.1 81.9 122.9
131 92.5 81.4 122.2





#65
Chlorobenzene
Concen: 21.807 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

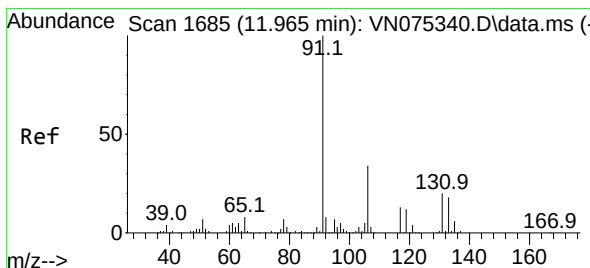
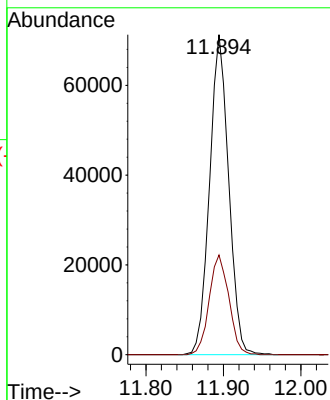
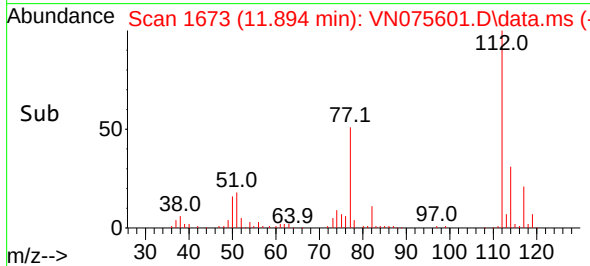
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01



Tgt Ion:112 Resp: 12199
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2

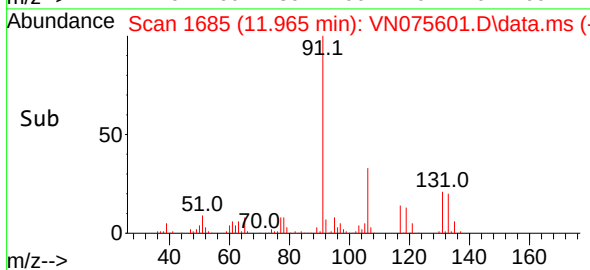
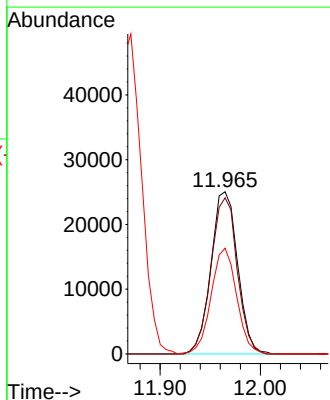
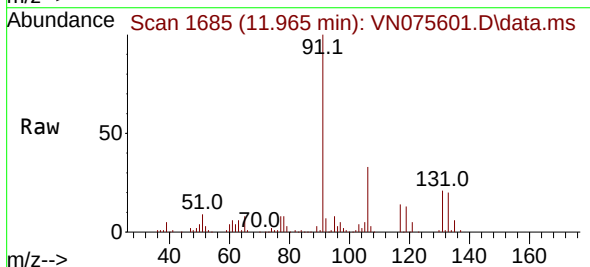
Manual Integrations
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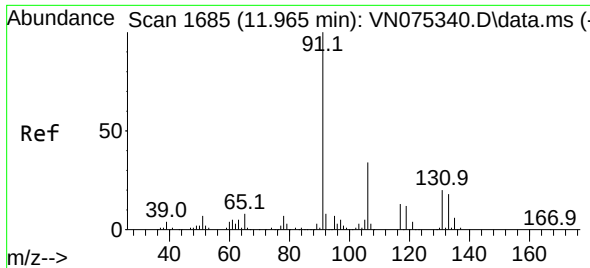
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 22.162 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

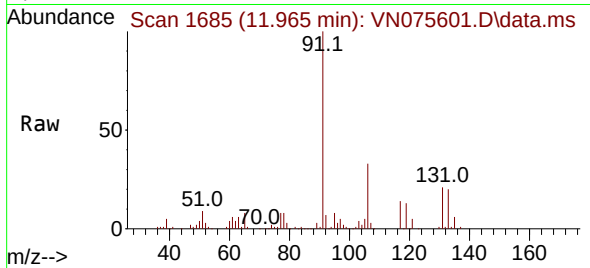
Tgt Ion:131 Resp: 46274
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.4
119 62.4 33.0 99.0





#67
Ethyl Benzene
Concen: 21.747 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

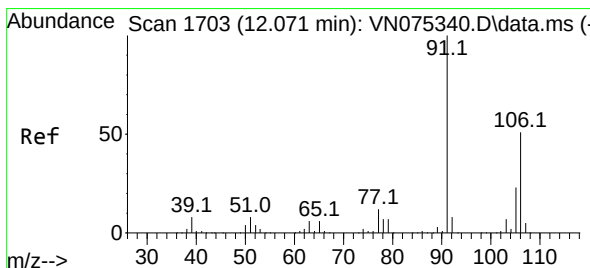
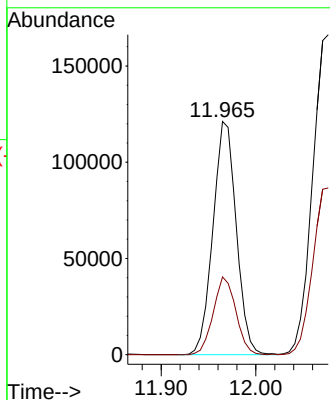
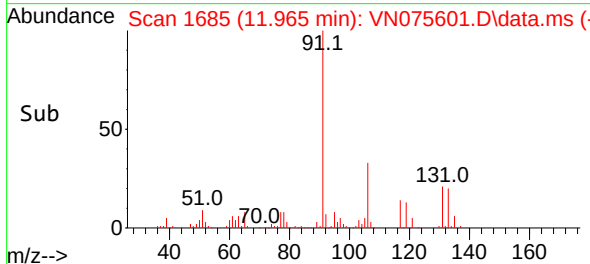
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01



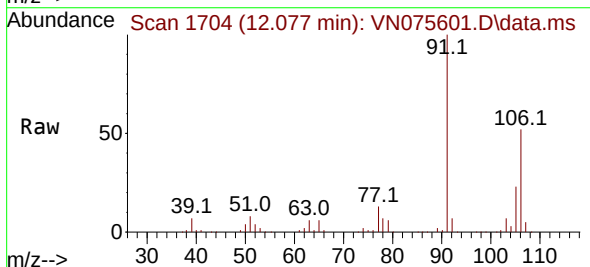
Tgt Ion: 91 Resp: 207562
Ion Ratio Lower Upper
91 100
106 33.3 24.9 37.3

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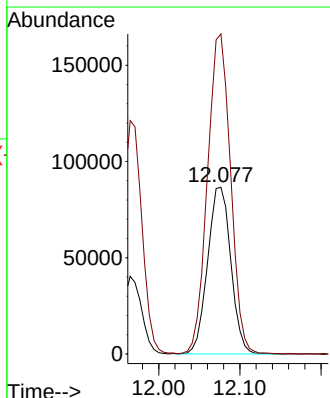
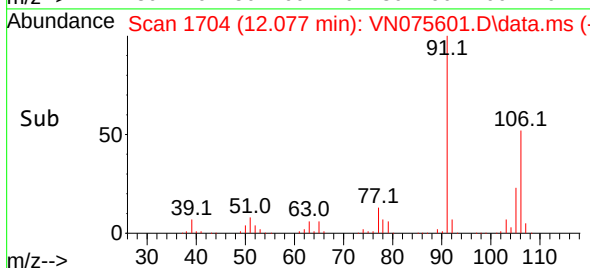
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

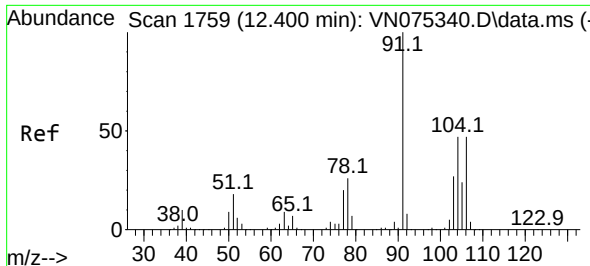


#68
m/p-Xylenes
Concen: 44.466 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45



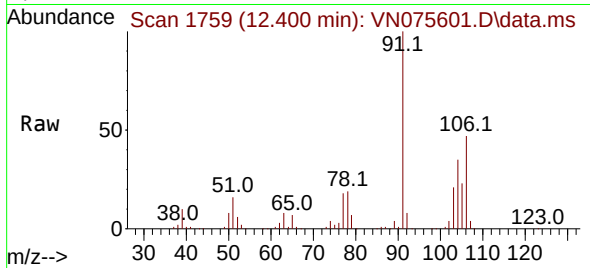
Tgt Ion:106 Resp: 172346
Ion Ratio Lower Upper
106 100
91 191.3 156.0 234.0





#69
o-Xylene
Concen: 21.810 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01



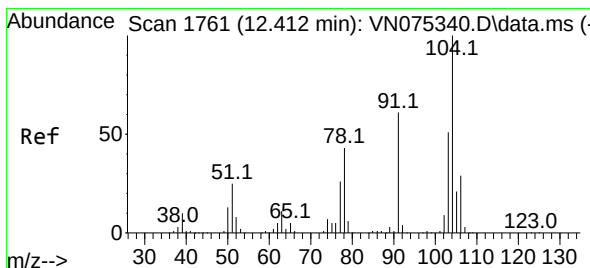
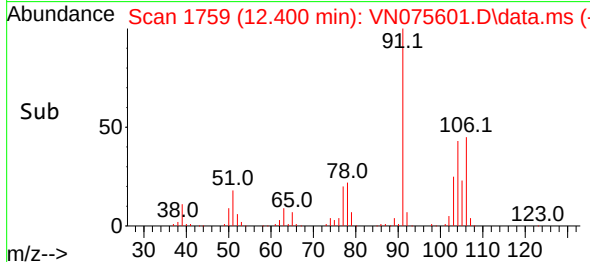
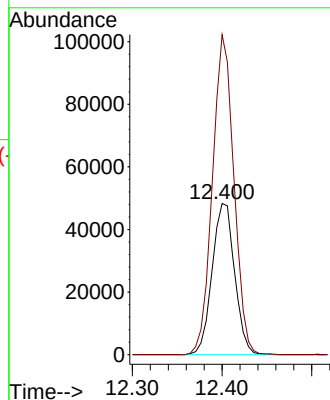
Tgt Ion:106 Resp: 83988
Ion Ratio Lower Upper
106 100
91 202.1 105.2 315.5

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Reviewed By :John
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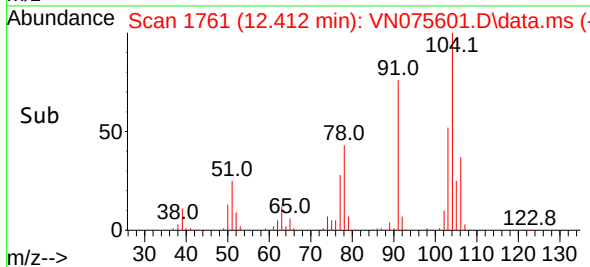
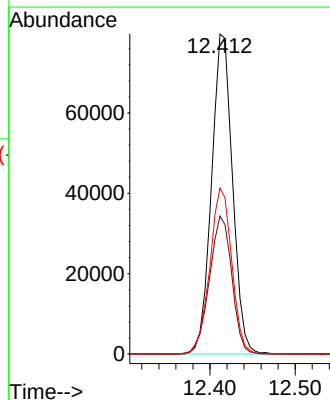
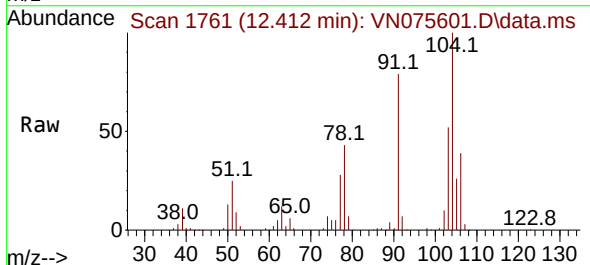
12/08/2022
Supervised By :Mahesh
Dadoda

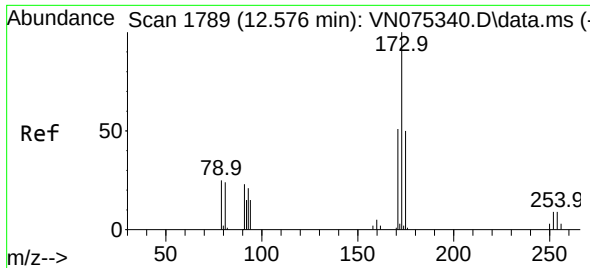
12/08/2022



#70
Styrene
Concen: 22.455 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

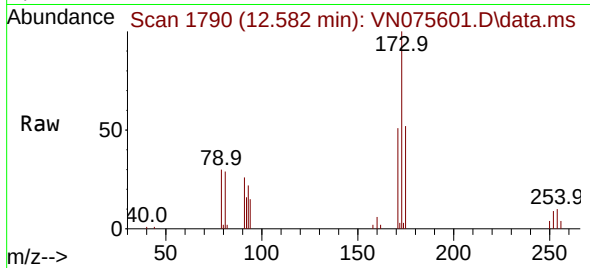
Tgt Ion:104 Resp: 136415
Ion Ratio Lower Upper
104 100
78 45.9 38.1 57.1
103 54.3 44.6 66.8





#71
Bromoform
Concen: 21.562 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01



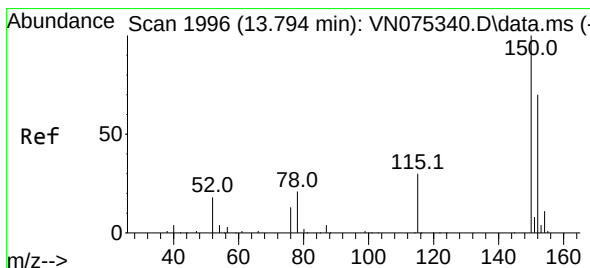
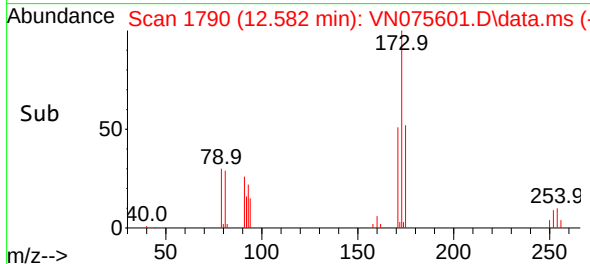
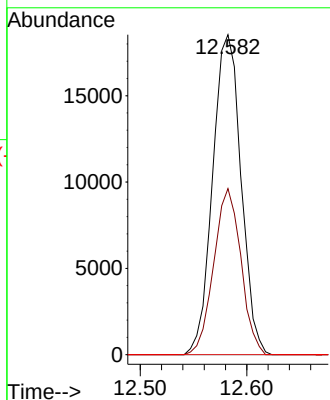
Tgt Ion:173 Resp: 3426
Ion Ratio Lower Upper
173 100
175 49.7 24.6 74.0
254 0.0 0.0 0.0

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Reviewed By :John
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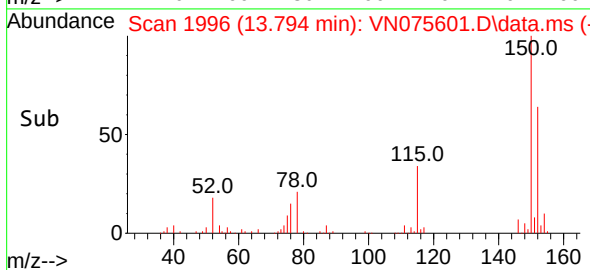
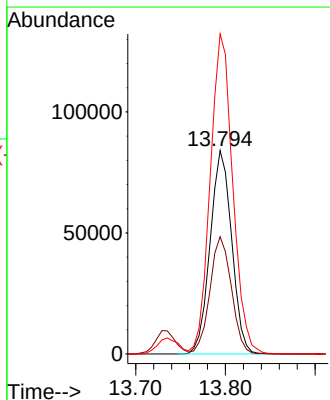
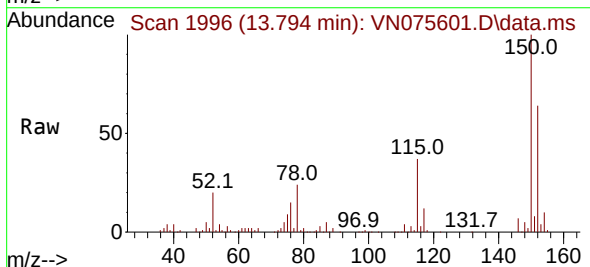
12/08/2022
Supervised By :Mahesh
Dadoda

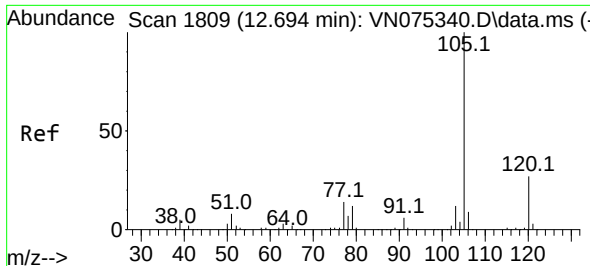
12/08/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

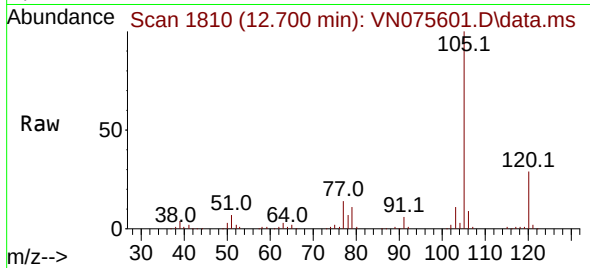
Tgt Ion:152 Resp: 140207
Ion Ratio Lower Upper
152 100
115 57.4 30.2 90.6
150 164.0 0.0 348.4





#73
Isopropylbenzene
Concen: 21.125 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01



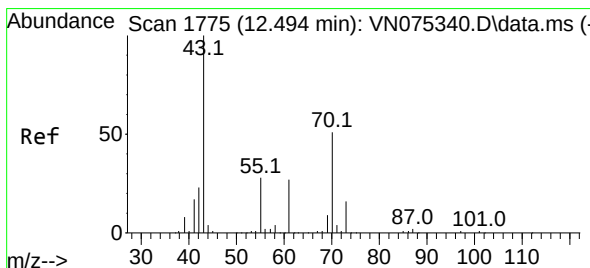
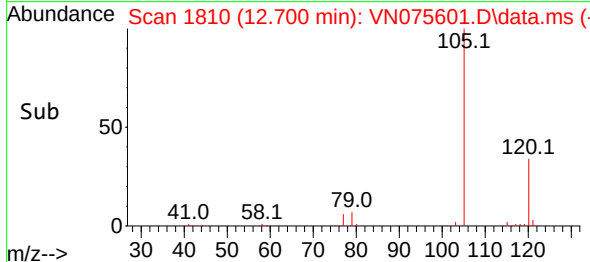
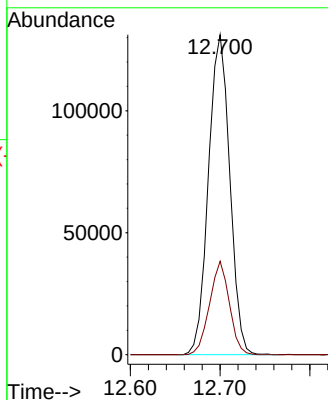
Tgt Ion:105 Resp: 21639
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.1

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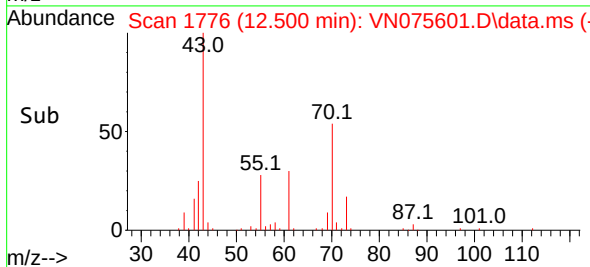
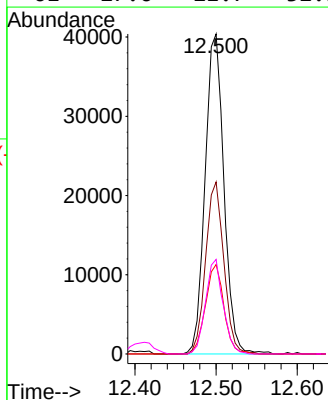
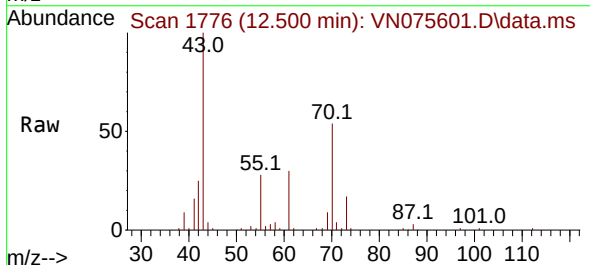
12/08/2022
Supervised By :Mahesh
Dadoda

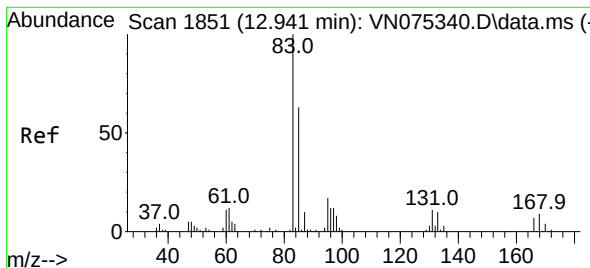
12/08/2022



#74
N-ethyl acetate
Concen: 20.642 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

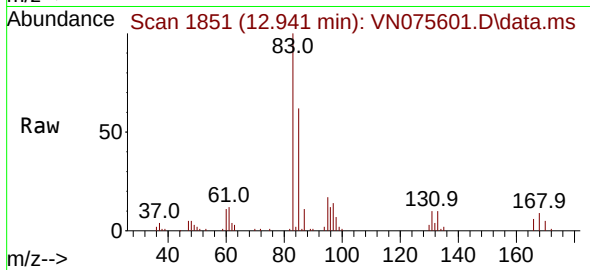
Tgt Ion: 43 Resp: 65004
Ion Ratio Lower Upper
43 100
70 52.0 39.8 59.8
55 27.4 19.9 29.9
61 27.6 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 20.102 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01



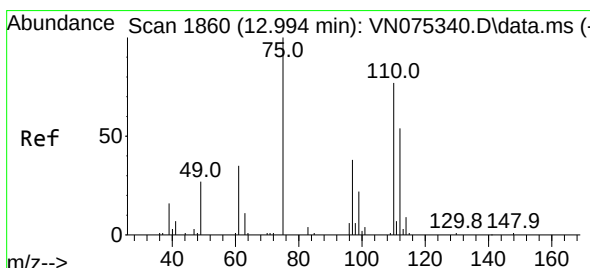
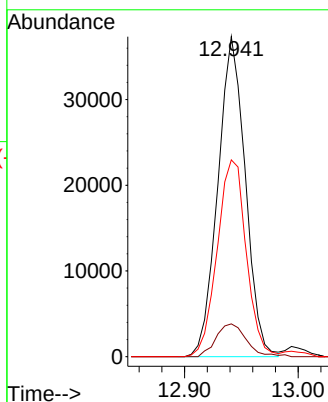
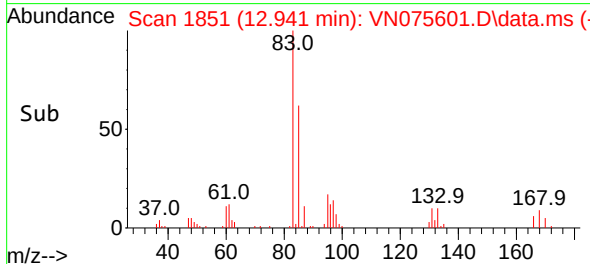
Tgt Ion: 83 Resp: 62778
Ion Ratio Lower Upper
83 100
131 11.3 5.1 15.3
85 64.9 31.6 94.7

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Reviewed By :John
Carlone

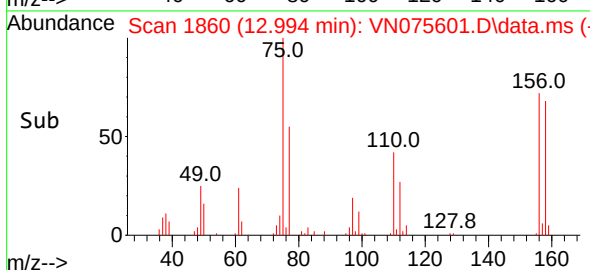
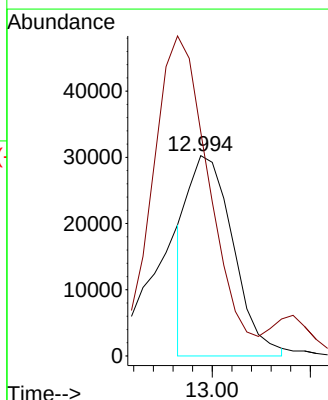
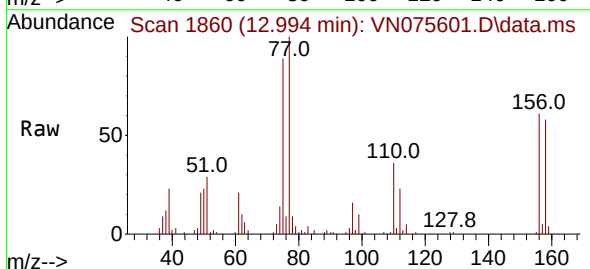
12/08/2022
Supervised By :Mahesh
Dadoda

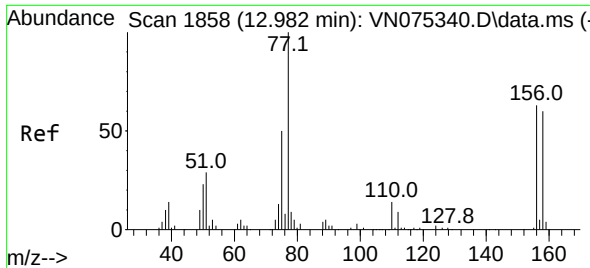
12/08/2022



#76
1,2,3-Trichloropropane
Concen: 18.322 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Tgt Ion: 75 Resp: 48570
Ion Ratio Lower Upper
75 100
77 200.3 75.6 226.8





#77
Bromobenzene
Concen: 21.219 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01

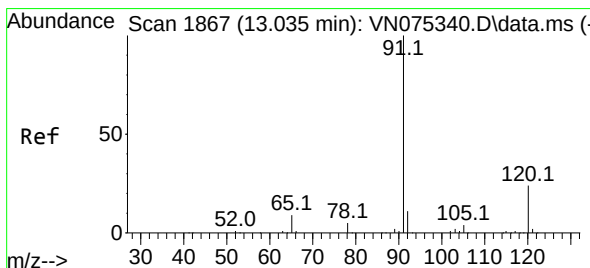
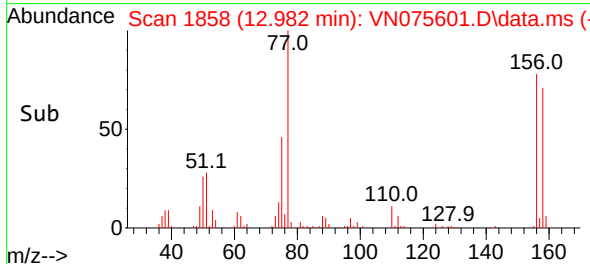
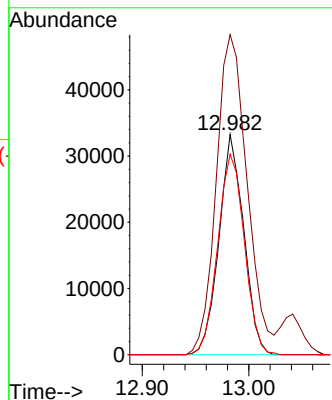
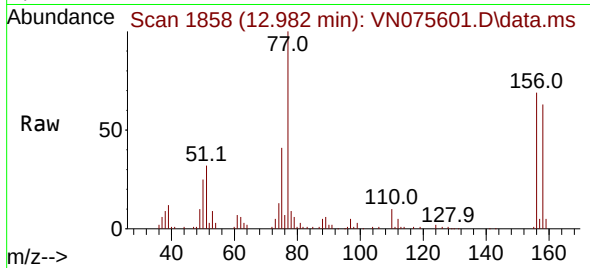
Tgt Ion:156 Resp: 5366
Ion Ratio Lower Upper
156 100
77 181.3 108.5 325.5
158 98.0 47.7 143.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

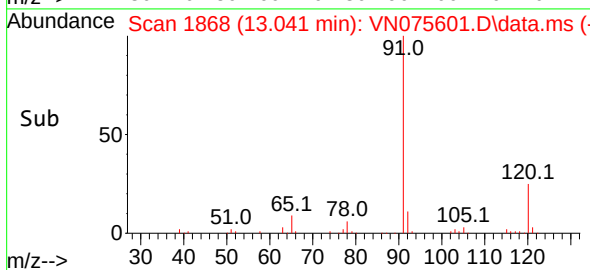
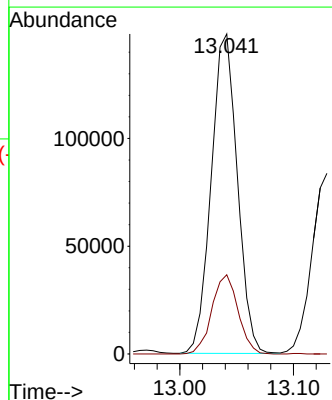
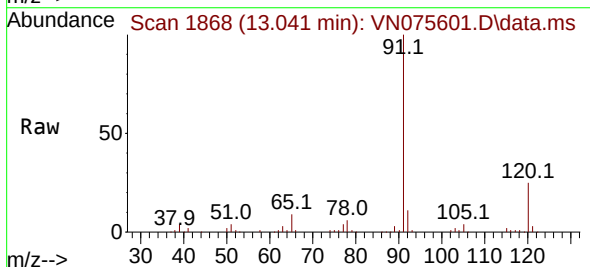
12/08/2022
Supervised By :Mahesh
Dadoda

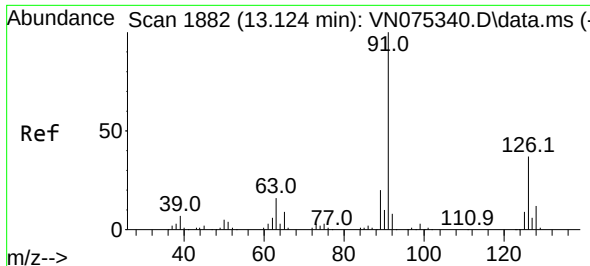
12/08/2022



#78
n-propylbenzene
Concen: 20.750 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Tgt Ion: 91 Resp: 237208
Ion Ratio Lower Upper
91 100
120 24.8 11.9 35.5





#79

2-Chlorotoluene

Concen: 20.792 ug/l

RT: 13.129 min Scan# 1882

Delta R.T. 0.005 min

Lab File: VN075601.D

Acq: 07 Dec 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBS01

Tgt Ion: 91 Resp: 14321

Ion Ratio Lower Upper

91 100

126 36.8 16.9 50.7

Manual Integrations

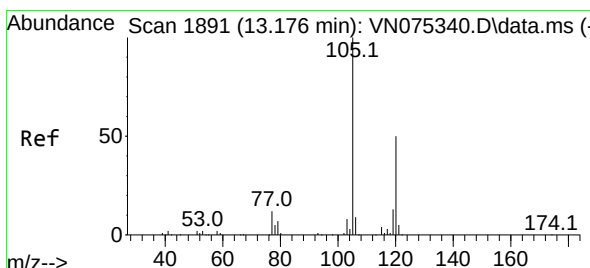
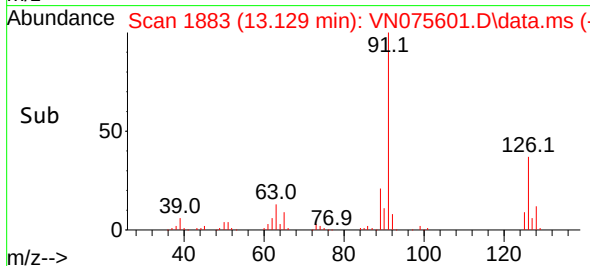
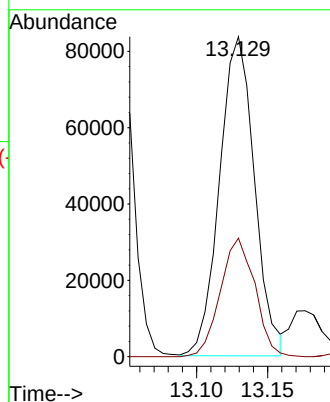
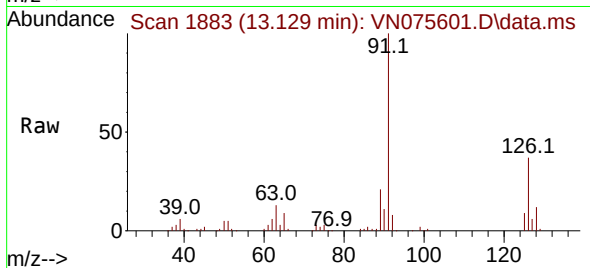
APPROVED

Reviewed By :John
Carlone

12/08/2022

Supervised By :Mahesh
Dadoda

12/08/2022



#80

1,3,5-Trimethylbenzene

Concen: 21.870 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075601.D

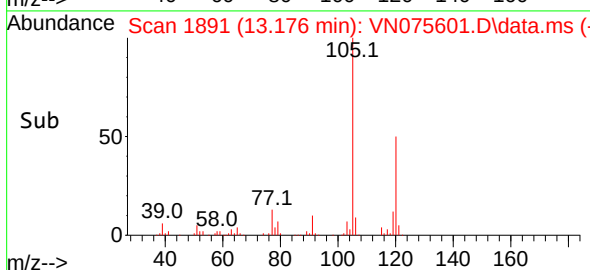
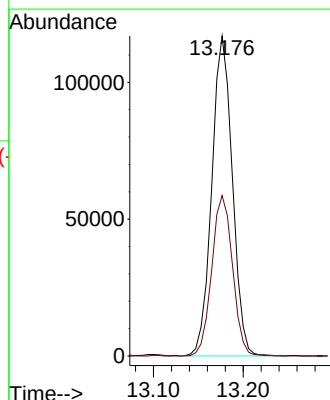
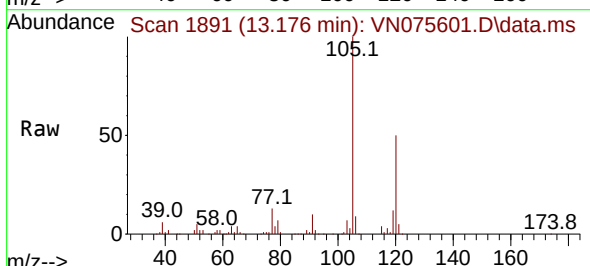
Acq: 07 Dec 2022 11:45

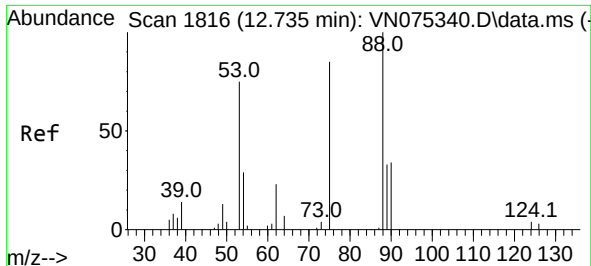
Tgt Ion:105 Resp: 186123

Ion Ratio Lower Upper

105 100

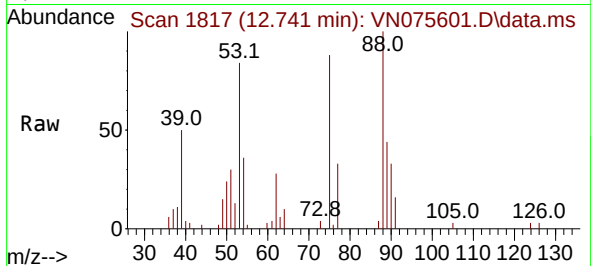
120 50.6 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 18.438 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01



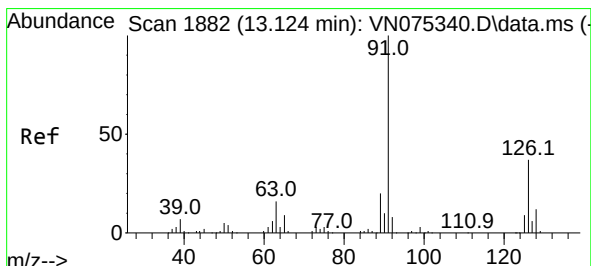
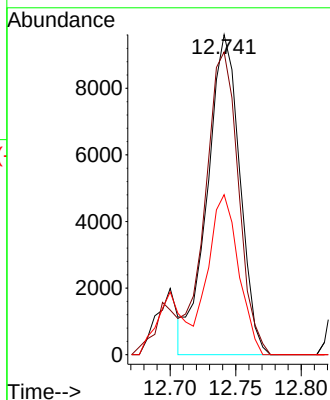
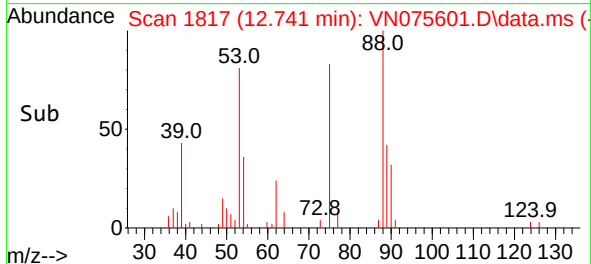
Tgt Ion: 75 Resp: 16520
Ion Ratio Lower Upper
75 100
53 97.2 78.5 117.7
89 46.3 37.7 56.5

Manual Integrations
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Reviewed By :John
Carlone

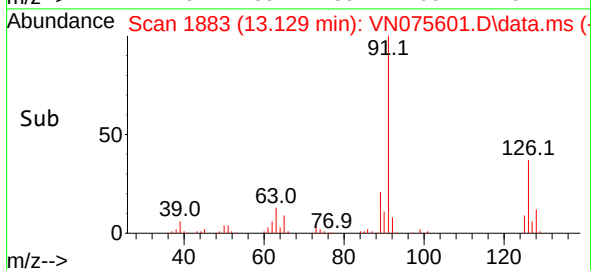
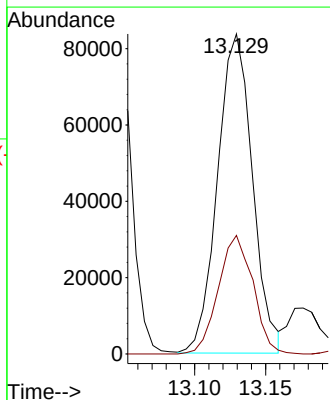
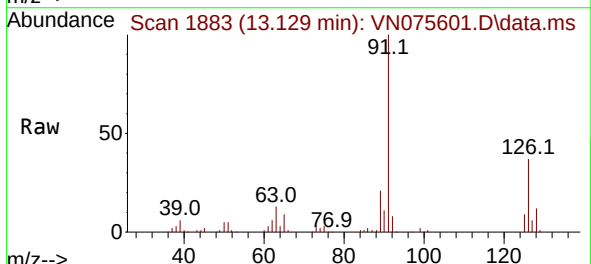
12/08/2022
Supervised By :Mahesh
Dadoda

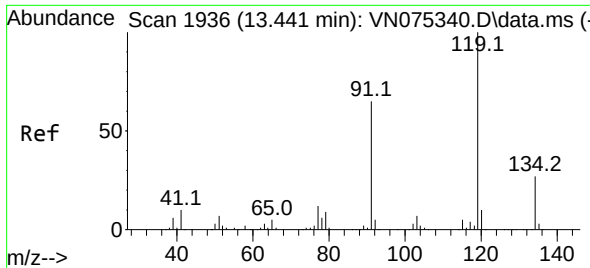
12/08/2022



#82
4-Chlorotoluene
Concen: 20.792 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

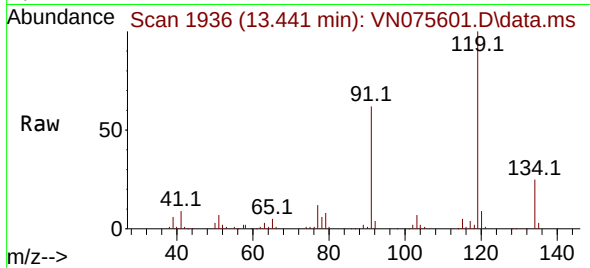
Tgt Ion: 91 Resp: 143211
Ion Ratio Lower Upper
91 100
126 36.8 16.9 50.7





#83
tert-Butylbenzene
Concen: 21.971 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01



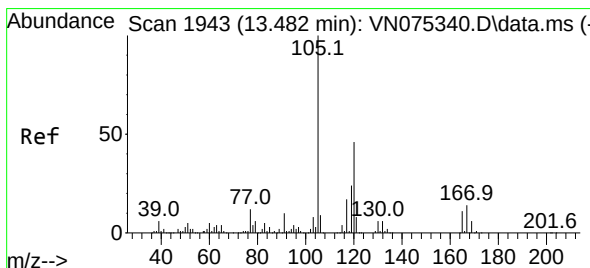
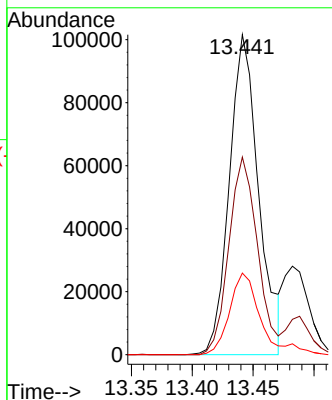
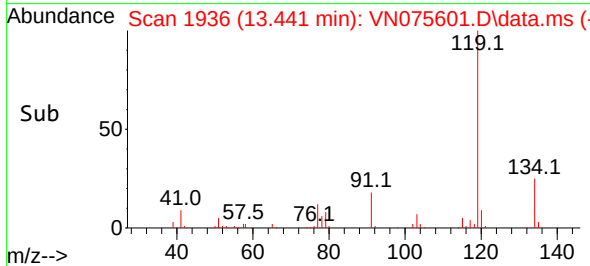
Tgt Ion:119 Resp: 17048
Ion Ratio Lower Upper
119 100
91 60.4 32.8 98.4
134 27.0 12.3 36.9

Manual Integrations
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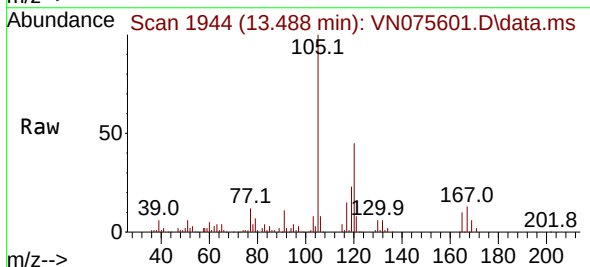
Reviewed By :John
Carlone

12/08/2022
Supervised By :Mahesh
Dadoda

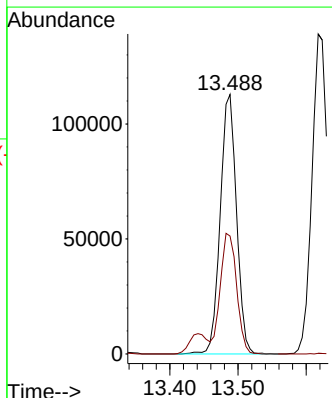
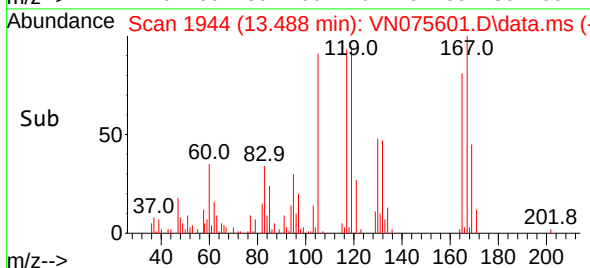
12/08/2022

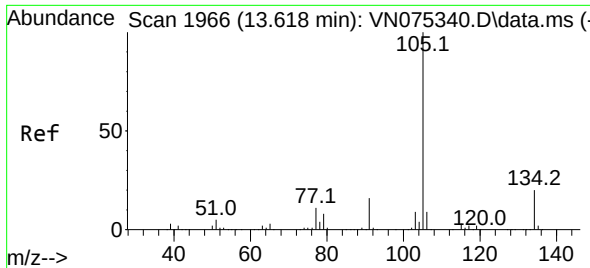


#84
1,2,4-Trimethylbenzene
Concen: 21.944 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45



Tgt Ion:105 Resp: 187320
Ion Ratio Lower Upper
105 100
120 46.7 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 21.363 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075601.D
 Acq: 07 Dec 2022 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBS01

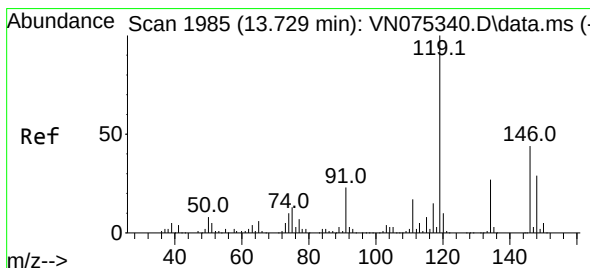
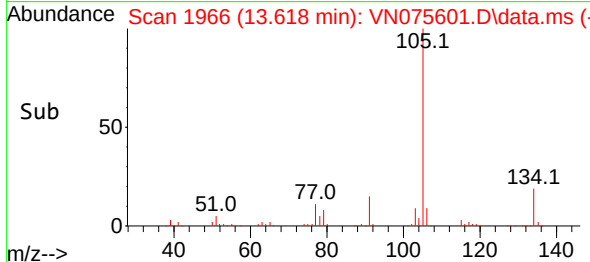
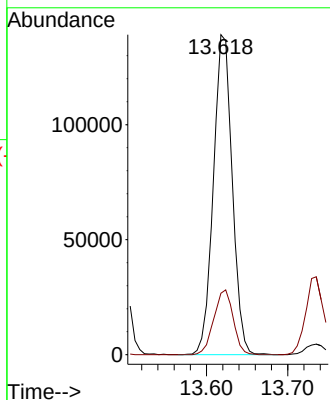
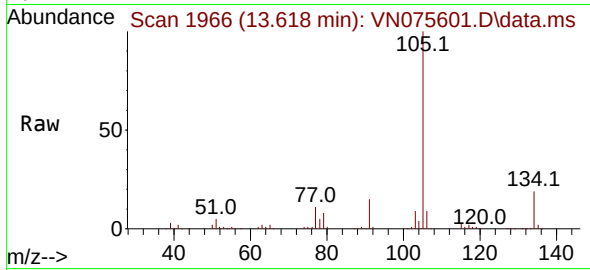
Tgt Ion:105 Resp: 22492
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6

Manual Integrations
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Reviewed By :John
 Carlone

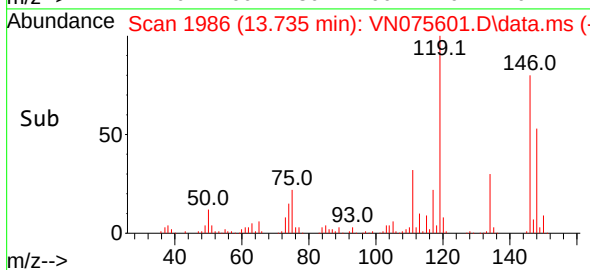
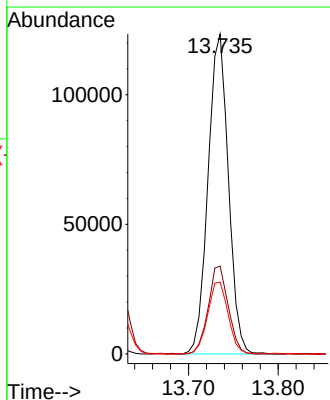
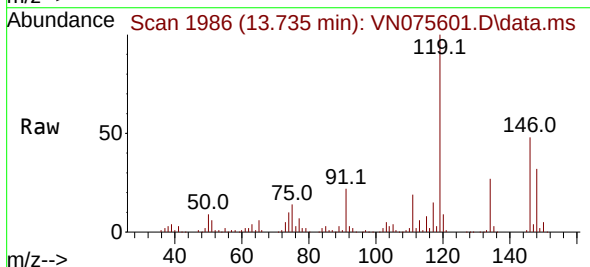
12/08/2022
 Supervised By :Mahesh
 Dadoda

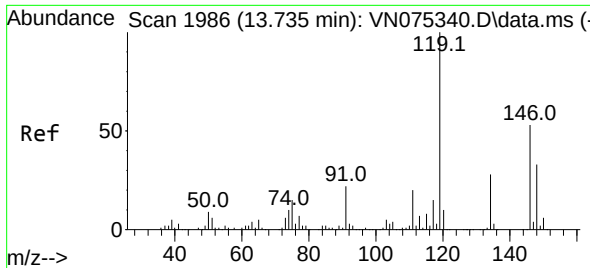
12/08/2022



#86
 p-Isopropyltoluene
 Concen: 21.913 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075601.D
 Acq: 07 Dec 2022 11:45

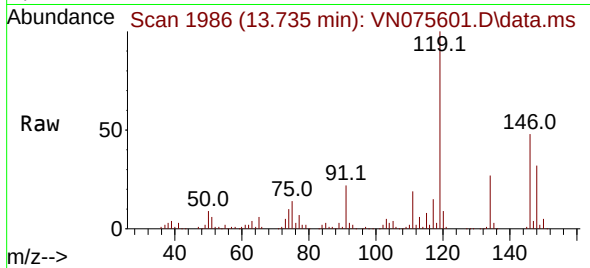
Tgt Ion:119 Resp: 194111
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.1 39.3
 91 22.7 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 21.006 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01



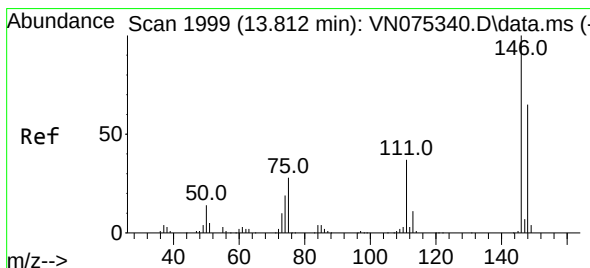
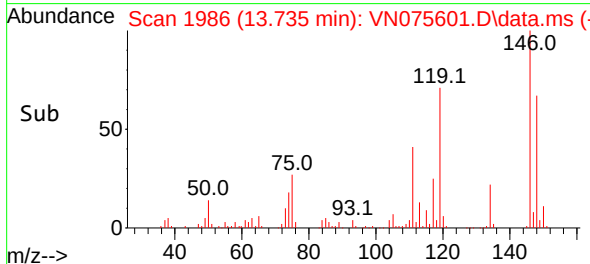
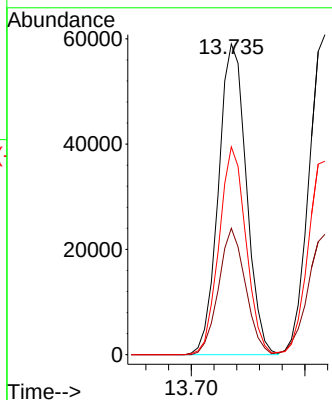
Tgt Ion:146 Resp: 10065
Ion Ratio Lower Upper
146 100
111 39.2 20.8 62.5
148 64.7 31.1 93.5

Manual Integrations
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Reviewed By :John
Carlone

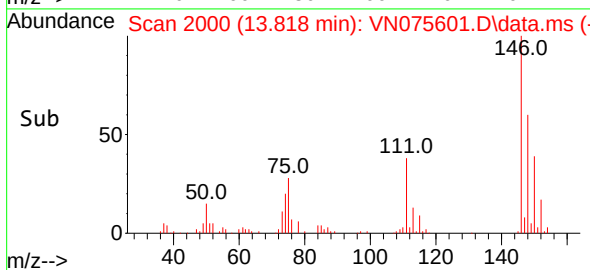
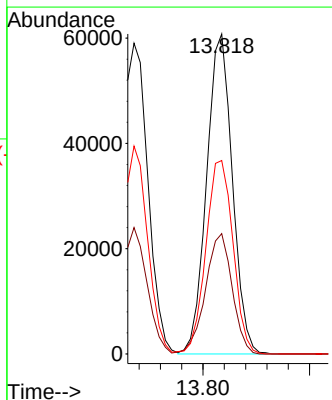
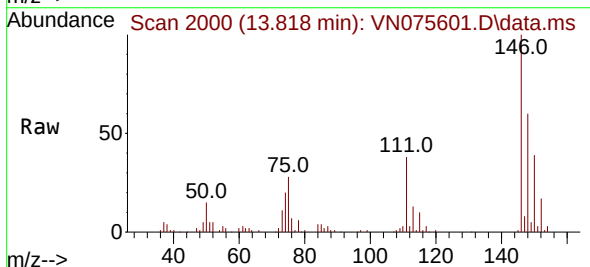
12/08/2022
Supervised By :Mahesh
Dadoda

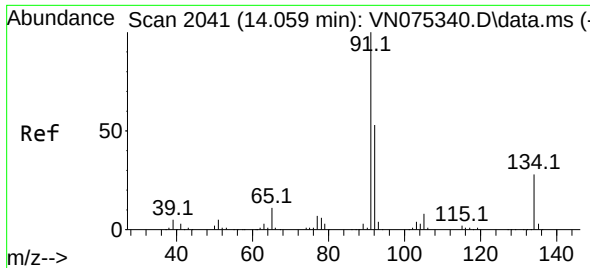
12/08/2022



#88
1,4-Dichlorobenzene
Concen: 20.953 ug/l
RT: 13.818 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Tgt Ion:146 Resp: 101986
Ion Ratio Lower Upper
146 100
111 38.9 20.1 60.3
148 63.7 31.9 95.7





#89
n-Butylbenzene
Concen: 20.662 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01

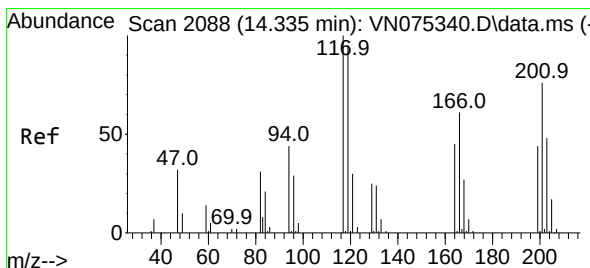
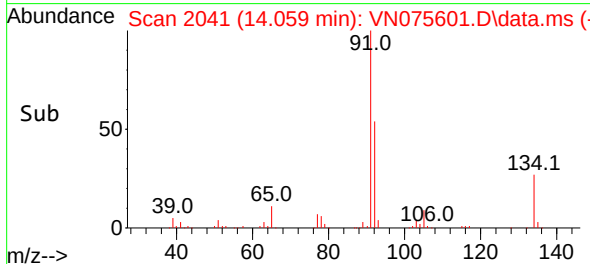
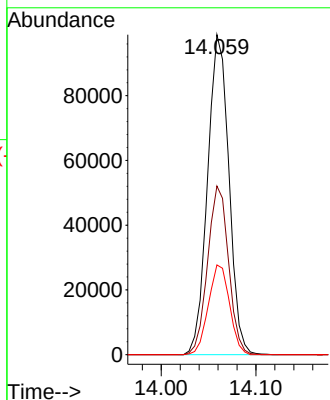
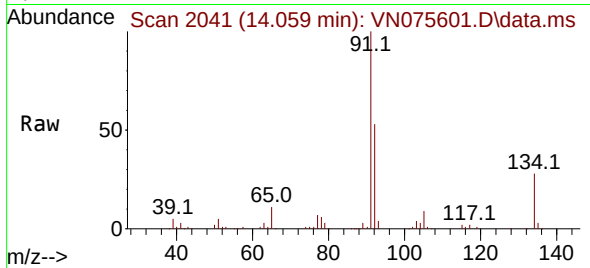
Tgt Ion: 91 Resp: 154580
Ion Ratio Lower Upper
91 100
92 51.7 26.5 79.4
134 27.8 13.0 39.0

Manual Integrations
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Reviewed By :John
Carlone

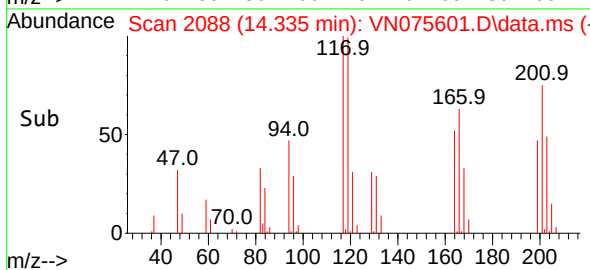
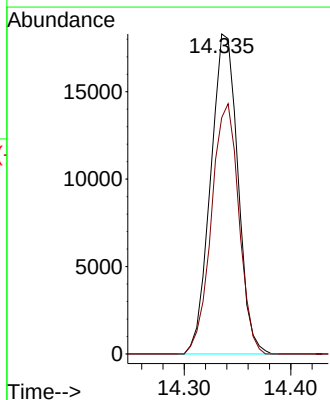
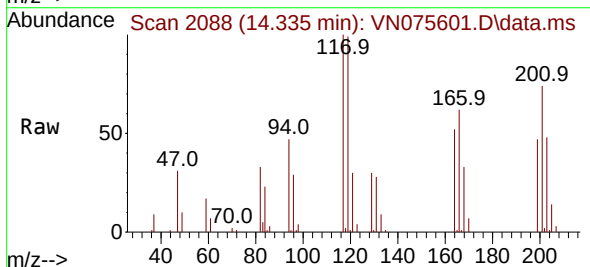
12/08/2022
Supervised By :Mahesh
Dadoda

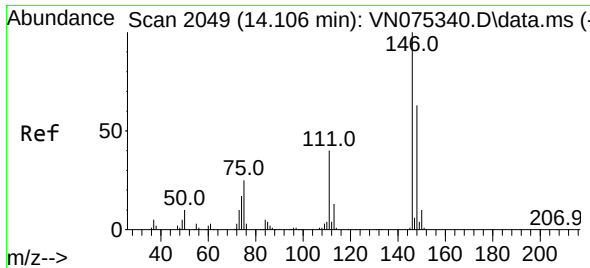
12/08/2022



#90
Hexachloroethane
Concen: 21.264 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

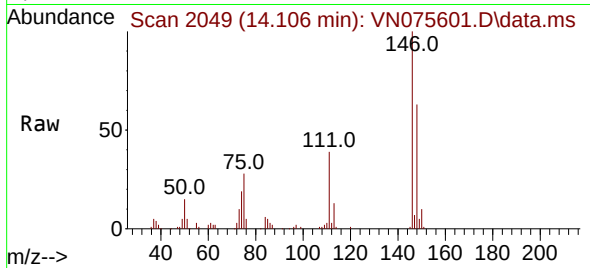
Tgt Ion:117 Resp: 32494
Ion Ratio Lower Upper
117 100
201 78.7 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 21.530 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01



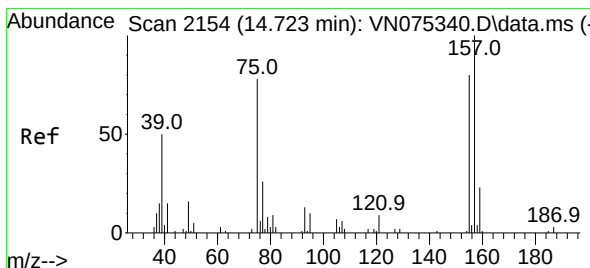
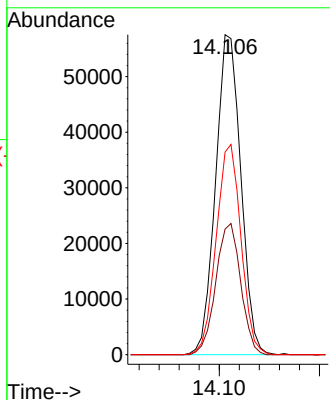
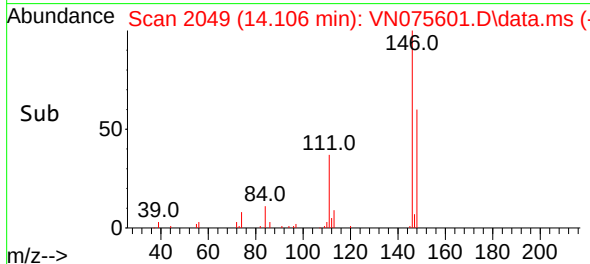
Tgt Ion:146 Resp: 100550
Ion Ratio Lower Upper
146 100
111 40.4 21.3 63.9
148 64.5 31.4 94.2

Manual Integrations
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Reviewed By :John
Carlone

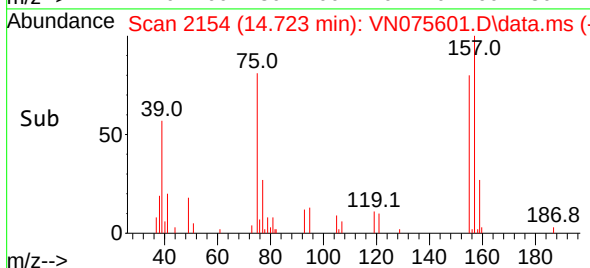
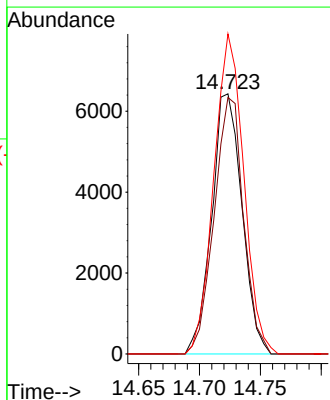
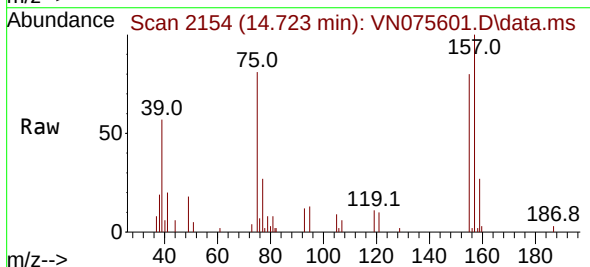
12/08/2022
Supervised By :Mahesh
Dadoda

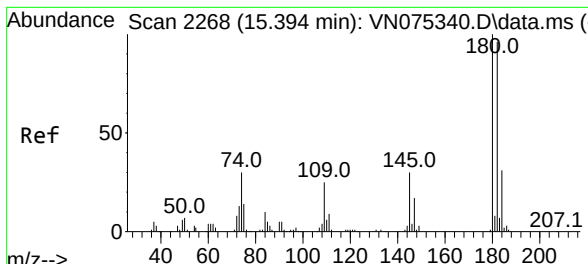
12/08/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.836 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

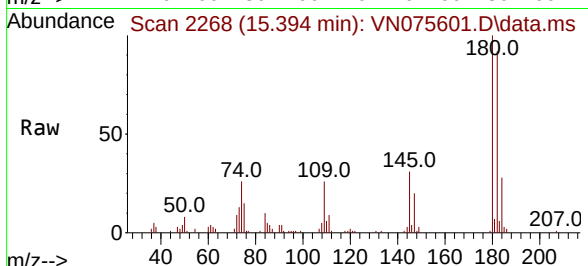
Tgt Ion: 75 Resp: 11143
Ion Ratio Lower Upper
75 100
155 95.8 42.1 126.3
157 120.9 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 21.764 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01



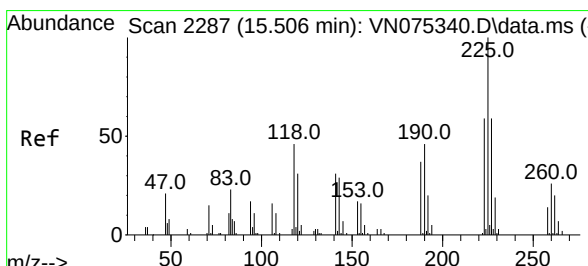
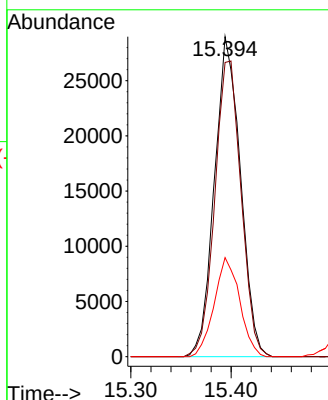
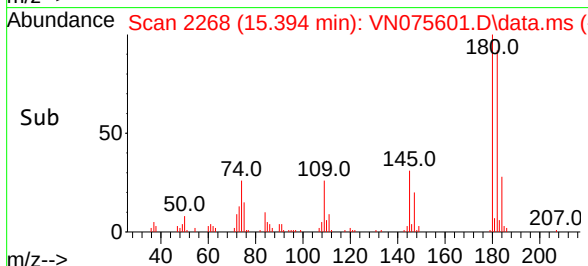
Tgt Ion:180 Resp: 5209
Ion Ratio Lower Upper
180 100
182 93.4 47.8 143.4
145 30.4 16.8 50.3

Manual Integrations
APPROVED

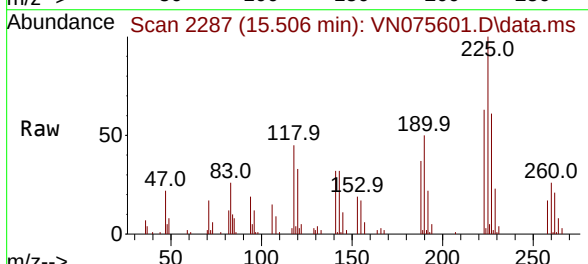
Reviewed By :John
Carlone

12/08/2022
Supervised By :Mahesh
Dadoda

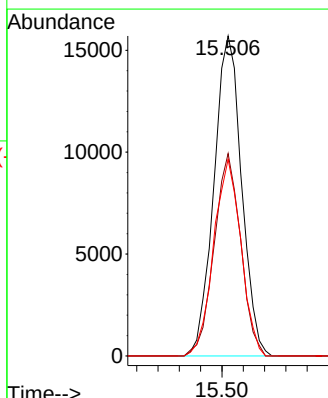
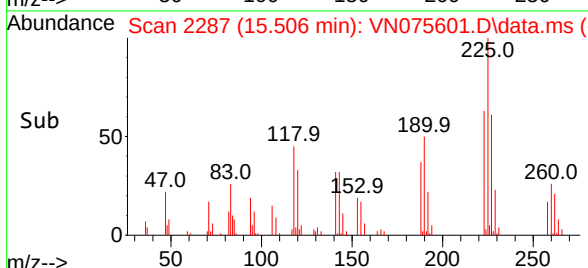
12/08/2022

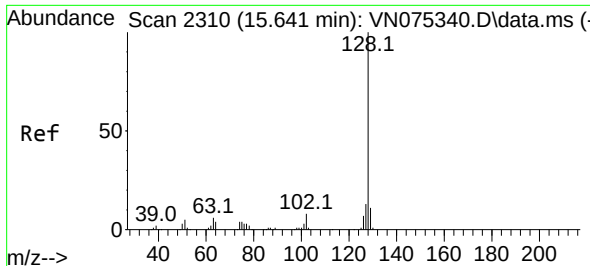


#94
Hexachlorobutadiene
Concen: 22.713 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45



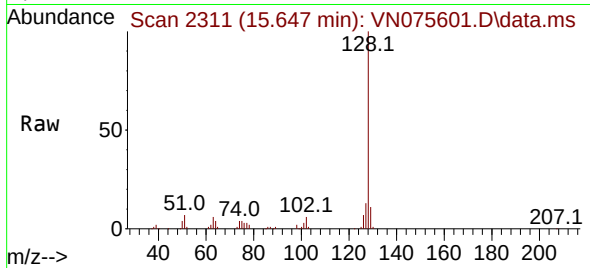
Tgt Ion:225 Resp: 28316
Ion Ratio Lower Upper
225 100
223 60.6 32.3 96.9
227 60.5 32.0 96.2





#95
Naphthalene
Concen: 19.831 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS01



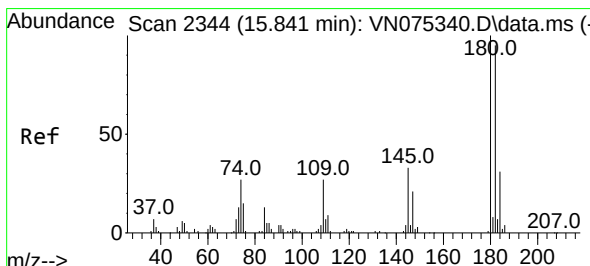
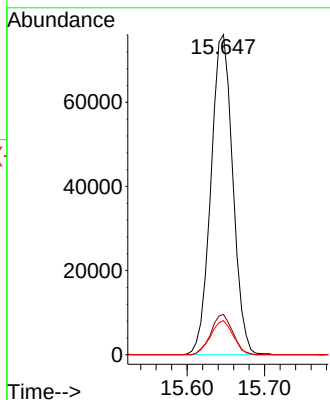
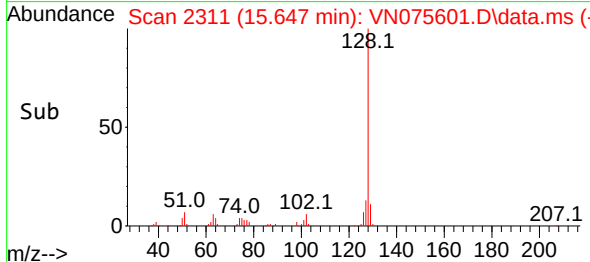
Tgt Ion:128 Resp: 14932
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

12/08/2022
Supervised By :Mahesh
Dadoda

12/08/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.350 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075601.D
Acq: 07 Dec 2022 11:45

Tgt Ion:180 Resp: 50224
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.8
145 32.1 17.6 52.9

