

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042723\
 Data File : VN077484.D
 Acq On : 27 Apr 2023 09:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 28 03:20:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2023
 Supervised By : Mahesh Dadoda 04/28/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	679700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1265454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1145704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	487773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	487443	54.959	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.920%			
35) Dibromofluoromethane	8.172	113	424621	55.828	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.660%			
50) Toluene-d8	10.566	98	1661515	56.998	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 114.000%#			
62) 4-Bromofluorobenzene	12.848	95	581184	60.938	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 121.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.131	85	385834	44.502	ug/l	97
3) Chloromethane	2.372	50	304727	44.725	ug/l	100
4) Vinyl Chloride	2.525	62	421649	46.456	ug/l	100
5) Bromomethane	2.943	94	341709	43.462	ug/l	100
6) Chloroethane	3.119	64	304913	44.218	ug/l	99
7) Trichlorofluoromethane	3.507	101	641681	48.101	ug/l	99
8) Diethyl Ether	3.966	74	228354	47.106	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.378	101	376809	48.568	ug/l	98
10) Methyl Iodide	4.596	142	436867	45.833	ug/l	98
11) Tert butyl alcohol	5.525	59	302460	212.426	ug/l	100
12) 1,1-Dichloroethene	4.349	96	348728	45.975	ug/l	98
13) Acrolein	4.184	56	322880	227.955	ug/l	97
14) Allyl chloride	5.031	41	382235	45.325	ug/l	88
15) Acrylonitrile	5.731	53	756979	234.355	ug/l	100
16) Acetone	4.431	43	816893	289.506	ug/l	100
17) Carbon Disulfide	4.719	76	863217	44.786	ug/l	100
18) Methyl Acetate	5.031	43	490675	45.030	ug/l	98
19) Methyl tert-butyl Ether	5.801	73	1243618	49.299	ug/l	96
20) Methylene Chloride	5.290	84	409783	45.794	ug/l	97
21) trans-1,2-Dichloroethene	5.796	96	396474	48.338	ug/l	99
22) Diisopropyl ether	6.678	45	942218	48.682	ug/l	97
23) Vinyl Acetate	6.607	43	2863918	236.934	ug/l	100
24) 1,1-Dichloroethane	6.578	63	671939	49.045	ug/l	99
25) 2-Butanone	7.484	43	972544	243.008	ug/l	99
26) 2,2-Dichloropropane	7.490	77	675715	50.865	ug/l	99
27) cis-1,2-Dichloroethene	7.490	96	468111	48.189	ug/l	98
28) Bromochloromethane	7.819	49	298055	56.969	ug/l	99
29) Tetrahydrofuran	7.842	42	557146	222.190	ug/l	99
30) Chloroform	7.966	83	778298	50.408	ug/l	94
31) Cyclohexane	8.260	56	563754	44.870	ug/l	90
32) 1,1,1-Trichloroethane	8.172	97	723192	50.946	ug/l	98
36) 1,1-Dichloropropene	8.378	75	555961	50.595	ug/l	99
37) Ethyl Acetate	7.566	43	373375	44.716	ug/l	99
38) Carbon Tetrachloride	8.366	117	604627	49.871	ug/l	98
39) Methylcyclohexane	9.601	83	729564	50.393	ug/l	99
40) Benzene	8.607	78	1642322	49.061	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	200761	46.163	ug/l	96
42) 1,2-Dichloroethane	8.672	62	563808	49.038	ug/l	99
43) Isopropyl Acetate	8.689	43	680041	47.077	ug/l	98
44) Trichloroethene	9.354	130	437958	51.098	ug/l	95
45) 1,2-Dichloropropane	9.625	63	390134	49.753	ug/l	95
46) Dibromomethane	9.707	93	308779	48.530	ug/l	98
47) Bromodichloromethane	9.889	83	626046	50.868	ug/l	100
48) Methyl methacrylate	9.684	41	299962	45.619	ug/l	98
49) 1,4-Dioxane	9.695	88	147142	892.133	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	1887387	222.757	ug/l	97
52) Toluene	10.631	92	1127596	51.419	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	665729	53.420	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	701732	51.731	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	430137	48.777	ug/l	98
56) Ethyl methacrylate	10.878	69	627272	50.764	ug/l	96
57) 1,3-Dichloropropane	11.166	76	720438	51.290	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	1058766	253.326	ug/l	100
59) 2-Hexanone	11.195	43	1484387	241.018	ug/l	98
60) Dibromochloromethane	11.360	129	479351	52.376	ug/l	100
61) 1,2-Dibromoethane	11.472	107	446624	49.608	ug/l	97
64) Tetrachloroethene	11.107	164	337466	49.205	ug/l	98
65) Chlorobenzene	11.889	112	1191902	49.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	440032	49.887	ug/l	99
67) Ethyl Benzene	11.966	91	2189887	51.311	ug/l	99
68) m/p-Xylenes	12.072	106	1709040	103.033	ug/l	99
69) o-Xylene	12.401	106	831316	50.953	ug/l	96
70) Styrene	12.413	104	1378590	54.030	ug/l	99
71) Bromoform	12.583	173	300709	52.109	ug/l #	100
73) Isopropylbenzene	12.695	105	2228119	49.226	ug/l	100
74) N-amyl acetate	12.495	43	583432	43.538	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	617492	43.418	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	509255m	44.897	ug/l	
77) Bromobenzene	12.983	156	444821	45.092	ug/l	96
78) n-propylbenzene	13.036	91	2541202	50.776	ug/l	99
79) 2-Chlorotoluene	13.124	91	1517525	49.179	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1853793	55.150	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	224405	55.894	ug/l	89
82) 4-Chlorotoluene	13.224	91	1455072	50.464	ug/l	99
83) tert-Butylbenzene	13.442	119	1578228	48.348	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	1783762	56.821	ug/l	97
85) sec-Butylbenzene	13.619	105	2296661	51.258	ug/l	100
86) p-Isopropyltoluene	13.730	119	1850513	53.678	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	874301	49.836	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	847974	48.953	ug/l	98
89) n-Butylbenzene	14.060	91	1588420	59.538	ug/l	99
90) Hexachloroethane	14.336	117	371252	48.745	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	850819	48.897	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	114906	43.692	ug/l	97
93) 1,2,4-Trichlorobenzene	15.371	180	275295	49.452	ug/l	97
94) Hexachlorobutadiene	15.466	225	184113	52.361	ug/l	99
95) Naphthalene	15.589	128	1008690	48.202	ug/l	100
96) 1,2,3-Trichlorobenzene	15.754	180	253811	48.927	ug/l	99

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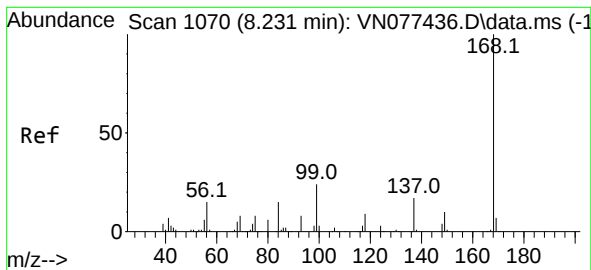
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/28/2023

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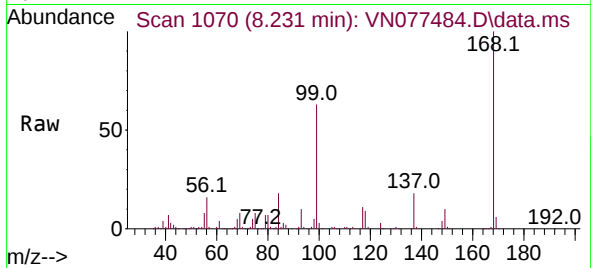
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

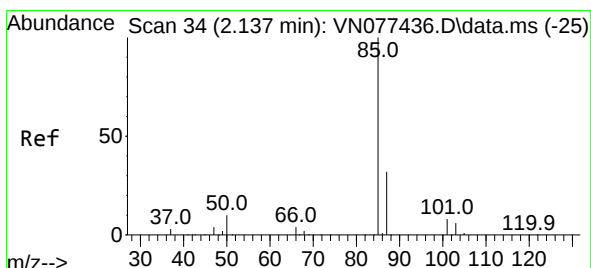
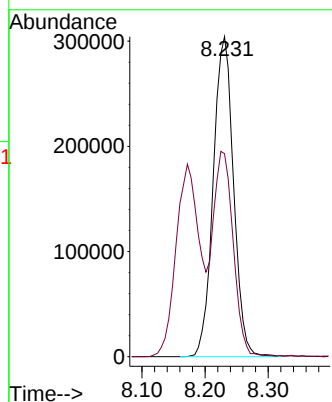
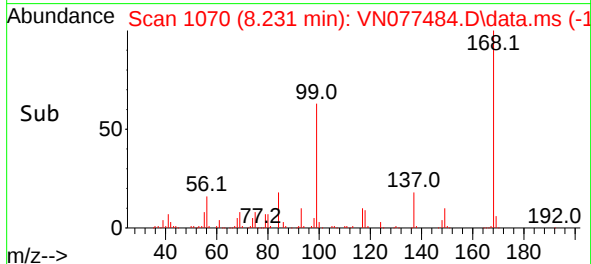
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 679700
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6

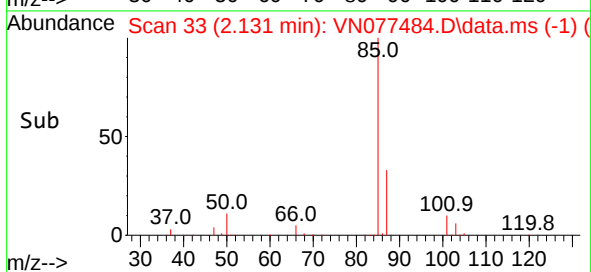
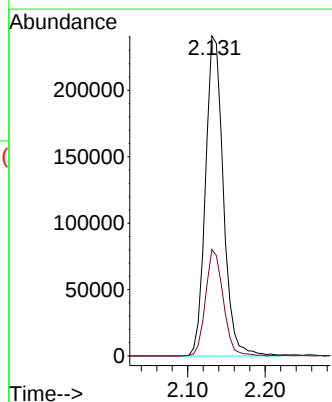
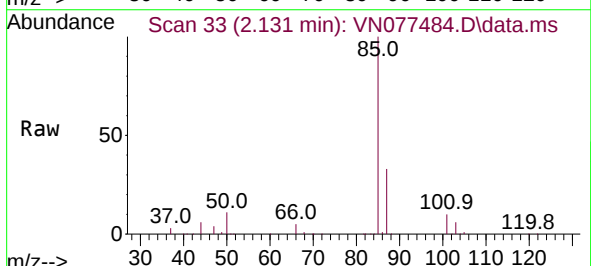
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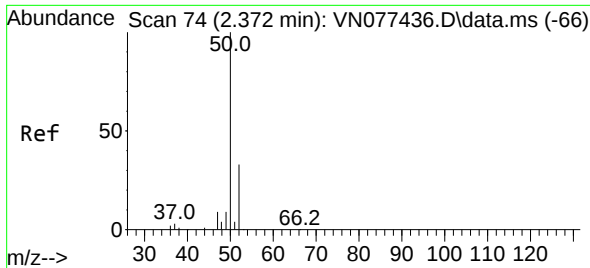
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#2
Dichlorodifluoromethane
Concen: 44.502 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

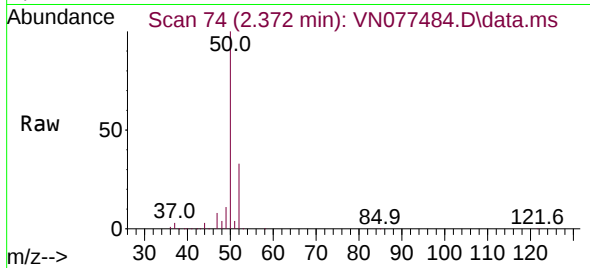
Tgt Ion: 85 Resp: 385834
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





#3
Chloromethane
Concen: 44.725 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

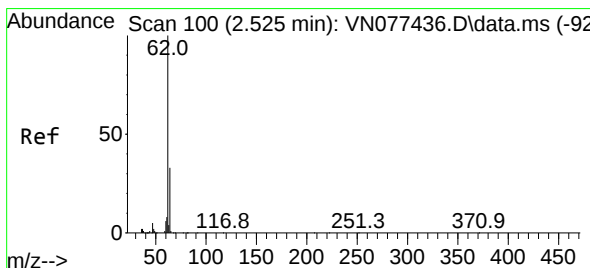
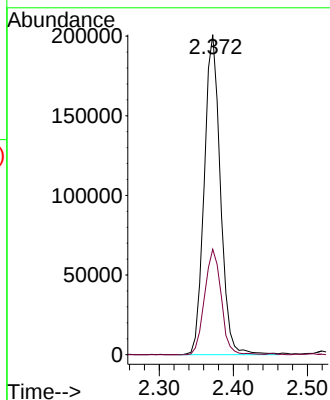
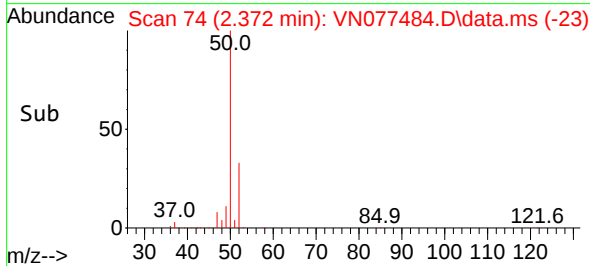
Instrument :
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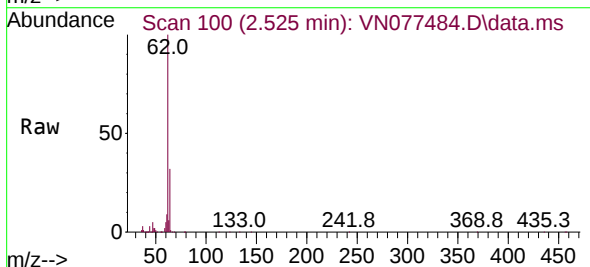
Tgt Ion: 50 Resp: 30472
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7

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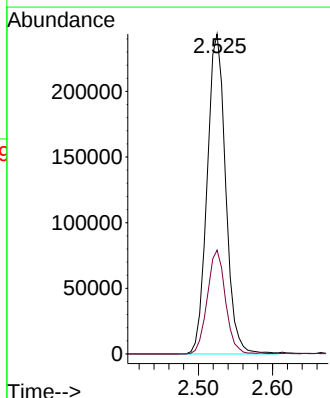
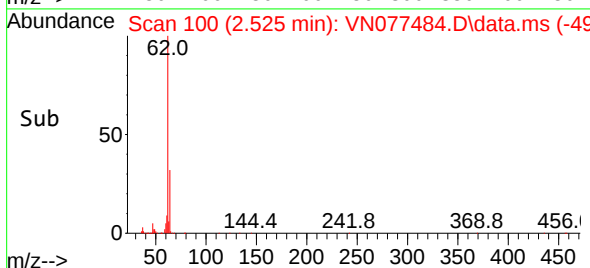
Reviewed By :John Carlone 04/28/2023
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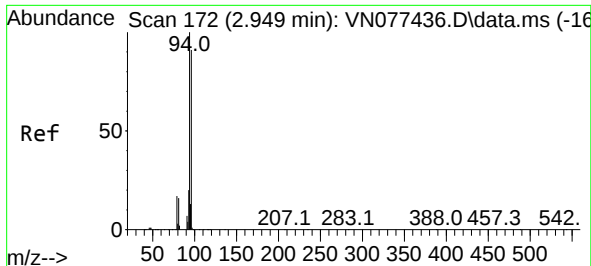


#4
Vinyl Chloride
Concen: 46.456 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15



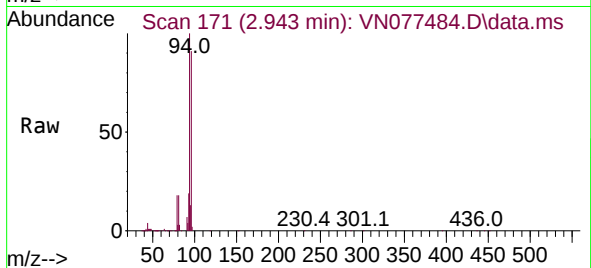
Tgt Ion: 62 Resp: 421649
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.2





#5
Bromomethane
Concen: 43.462 ug/l
RT: 2.943 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

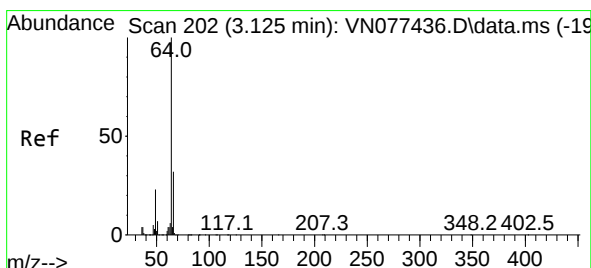
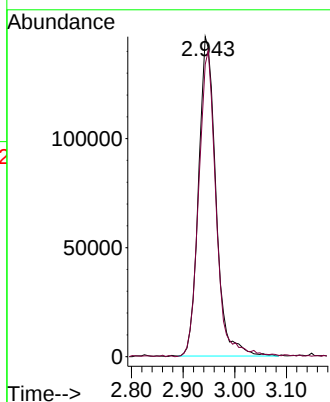
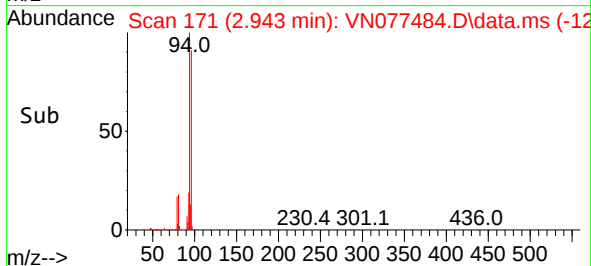
Instrument :
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Tgt Ion: 94 Resp: 341709
Ion Ratio Lower Upper
94 100
96 91.4 73.1 109.7

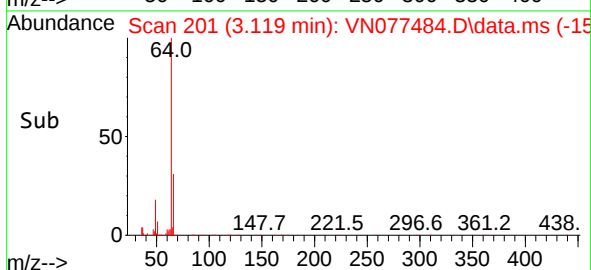
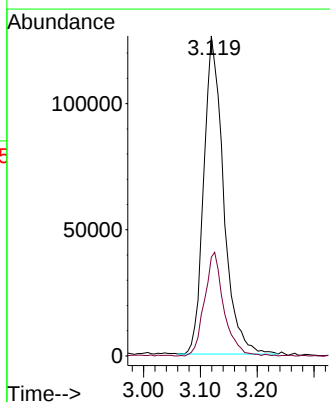
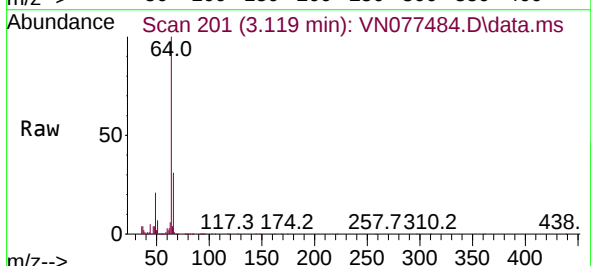
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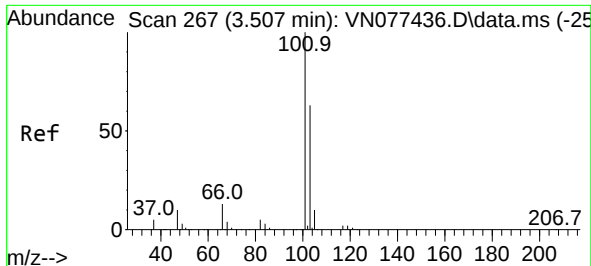
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#6
Chloroethane
Concen: 44.218 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

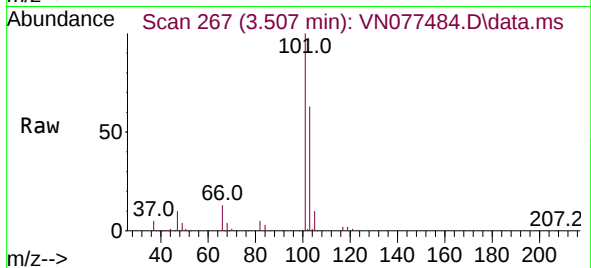
Tgt Ion: 64 Resp: 304913
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 48.101 ug/l
 RT: 3.507 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN077484.D
 Acq: 27 Apr 2023 09:15

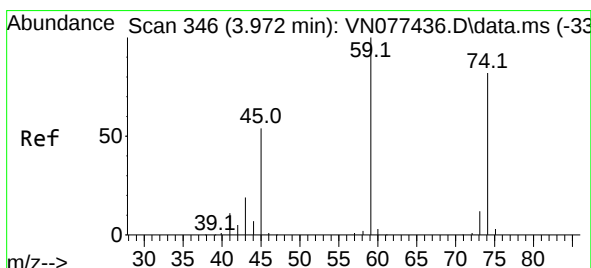
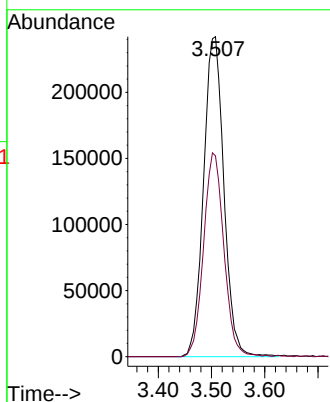
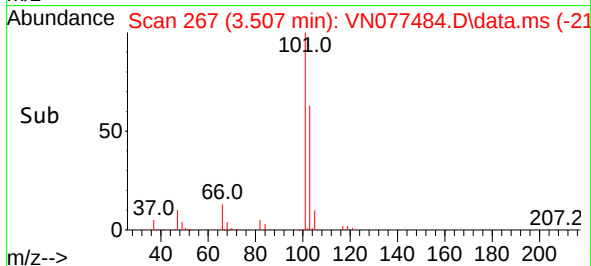
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 101 Resp: 64168
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.7 76.1

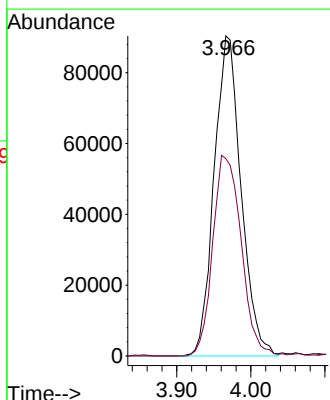
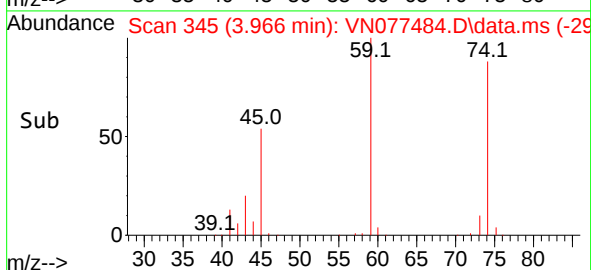
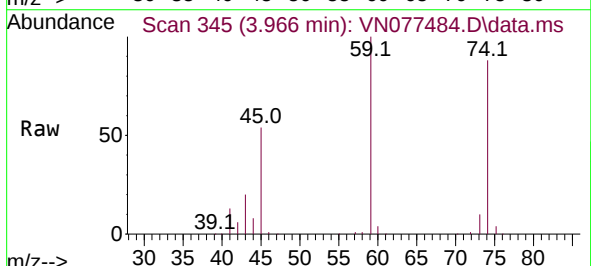
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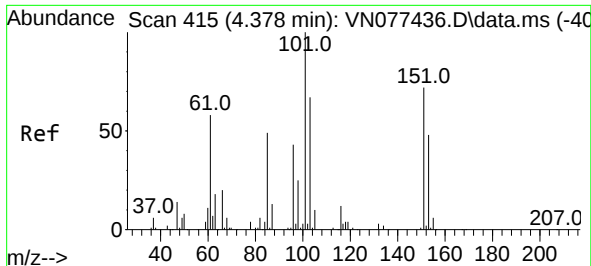
Reviewed By :John Carlone 04/28/2023
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#8
 Diethyl Ether
 Concen: 47.106 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. -0.006 min
 Lab File: VN077484.D
 Acq: 27 Apr 2023 09:15

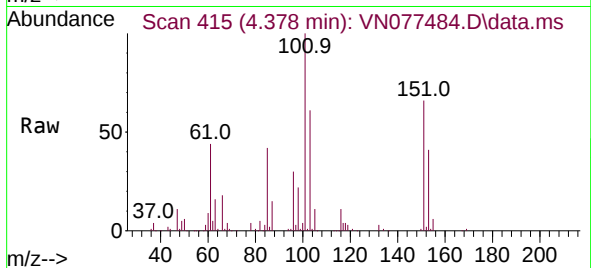
Tgt Ion: 74 Resp: 228354
 Ion Ratio Lower Upper
 74 100
 45 66.2 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.568 ug/l
RT: 4.378 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

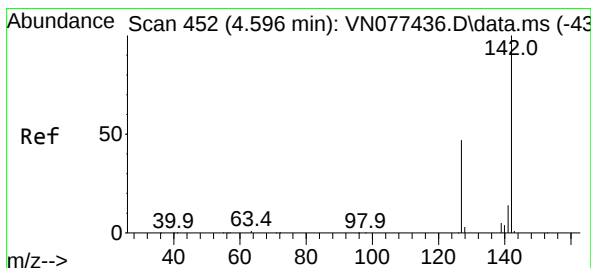
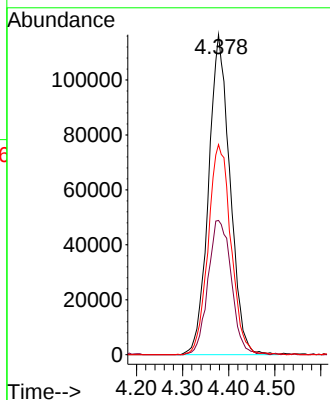
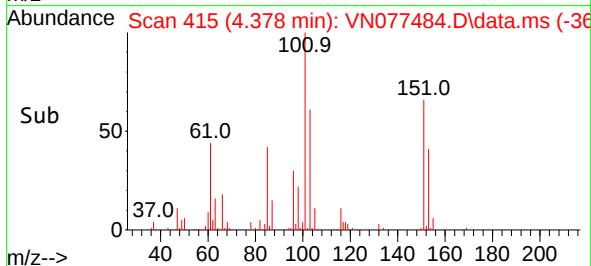
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 376809
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 69.7 57.6 86.4

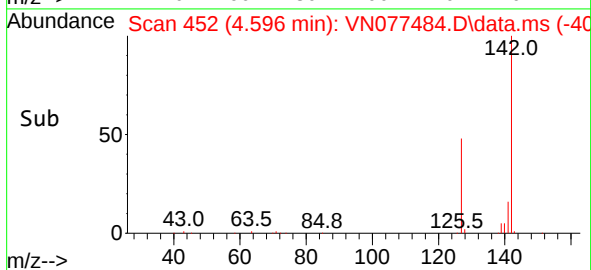
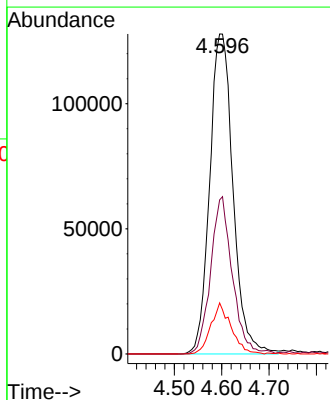
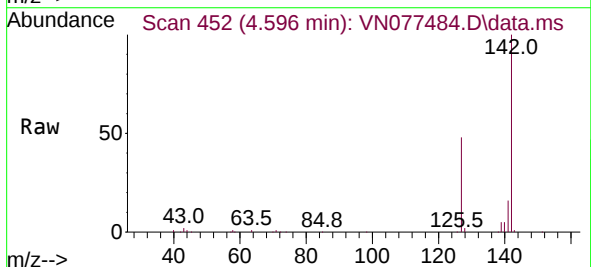
Manual Integrations
APPROVED

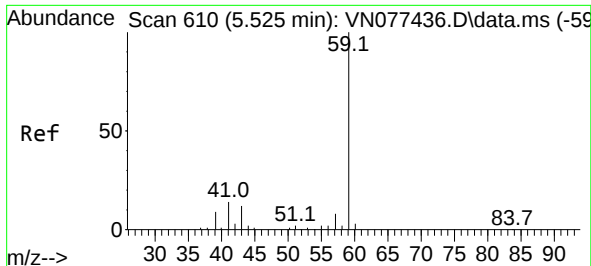
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#10
Methyl Iodide
Concen: 45.833 ug/l
RT: 4.596 min Scan# 452
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

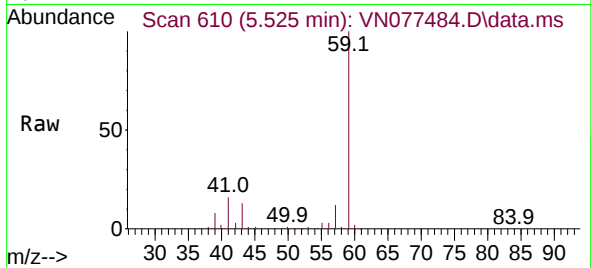
Tgt Ion:142 Resp: 436867
Ion Ratio Lower Upper
142 100
127 48.2 37.6 56.4
141 15.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 212.426 ug/l
RT: 5.525 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

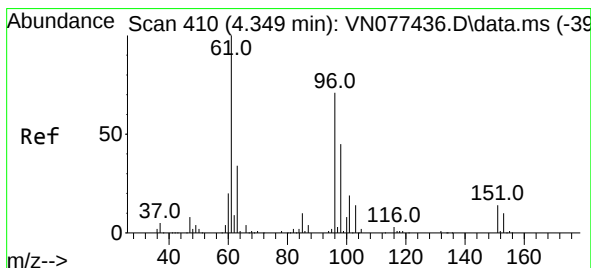
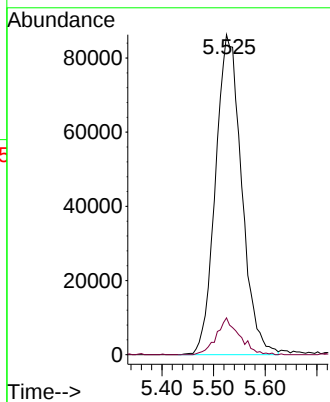
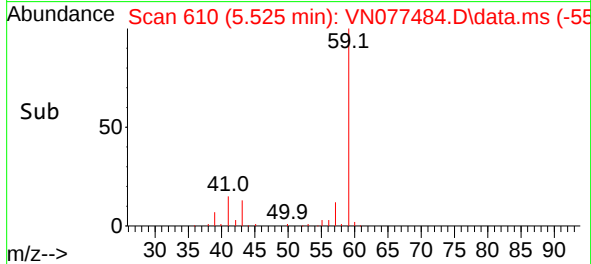
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 302460
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

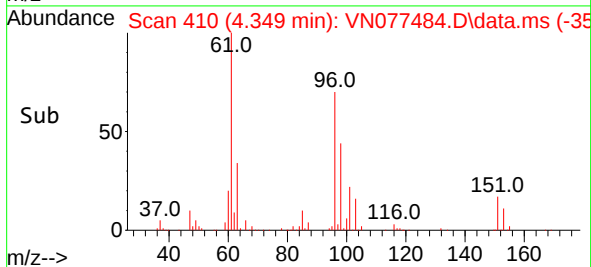
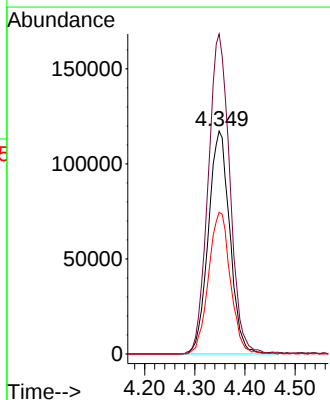
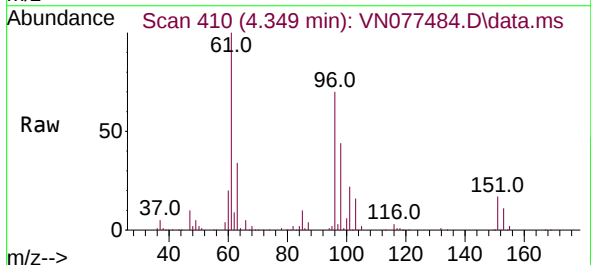
Manual Integrations
APPROVED

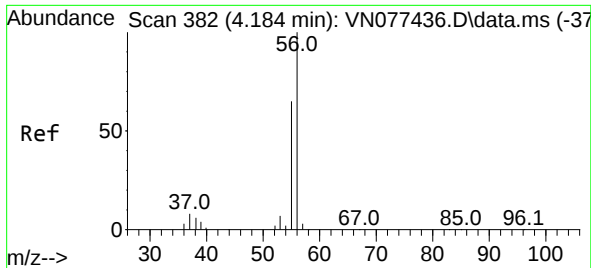
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#12
1,1-Dichloroethene
Concen: 45.975 ug/l
RT: 4.349 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

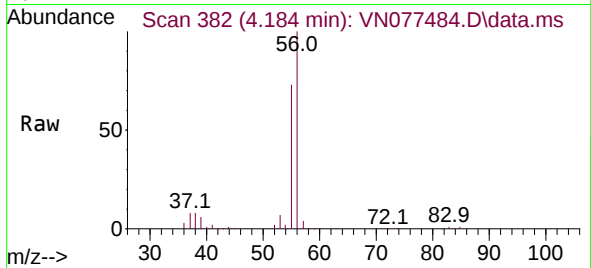
Tgt Ion: 96 Resp: 348728
Ion Ratio Lower Upper
96 100
61 143.6 112.7 169.1
98 63.6 51.2 76.8





#13
Acrolein
Concen: 227.955 ug/l
RT: 4.184 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

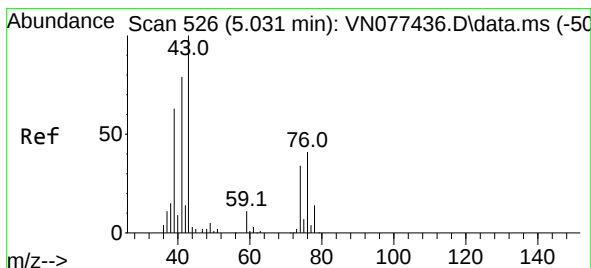
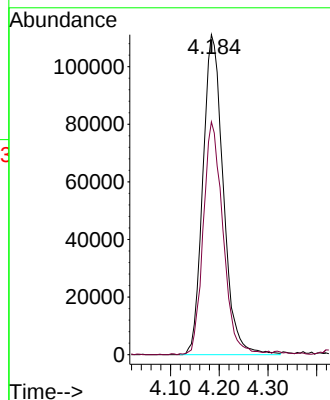
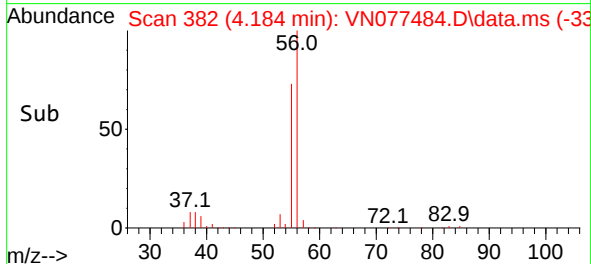
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



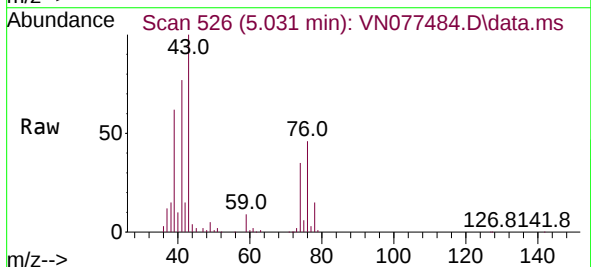
Tgt Ion: 56 Resp: 322880
Ion Ratio Lower Upper
56 100
55 70.3 54.5 81.7

Manual Integrations
APPROVED

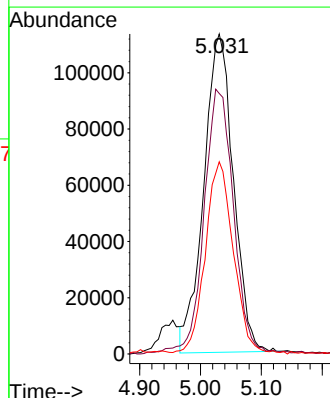
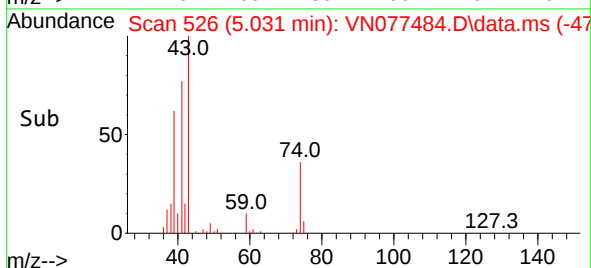
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

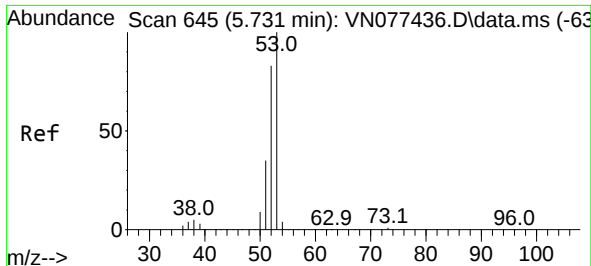


#14
Allyl chloride
Concen: 45.325 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15



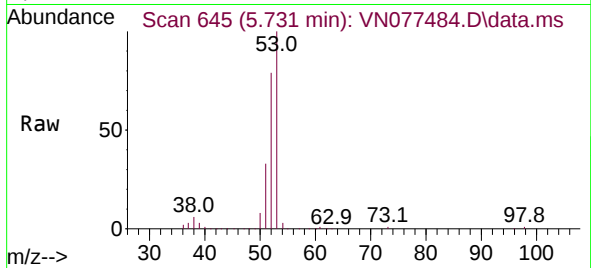
Tgt Ion: 41 Resp: 382235
Ion Ratio Lower Upper
41 100
39 83.3 58.8 88.2
76 57.6 39.1 58.7





#15
Acrylonitrile
Concen: 234.355 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

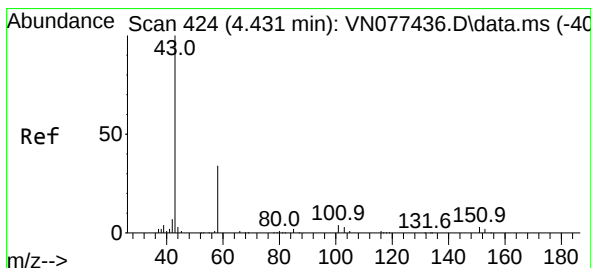
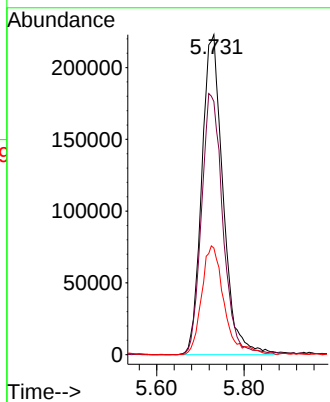
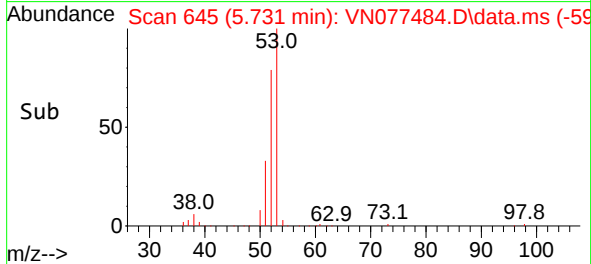
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



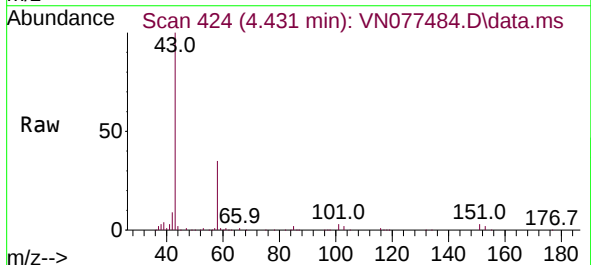
Tgt Ion: 53 Resp: 756979
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 35.8 28.9 43.3

Manual Integrations
APPROVED

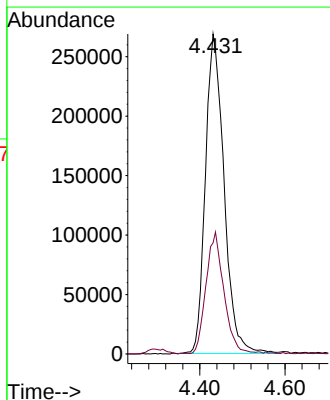
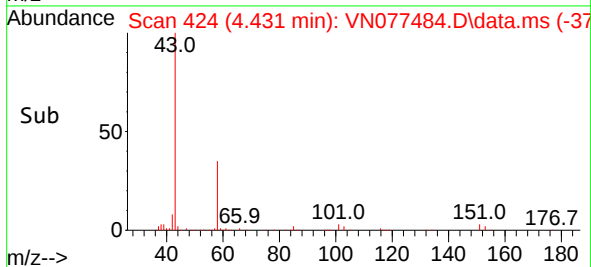
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

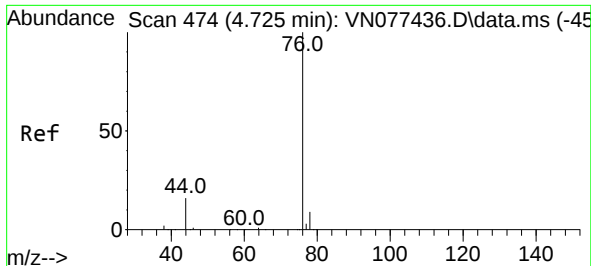


#16
Acetone
Concen: 289.506 ug/l
RT: 4.431 min Scan# 424
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15



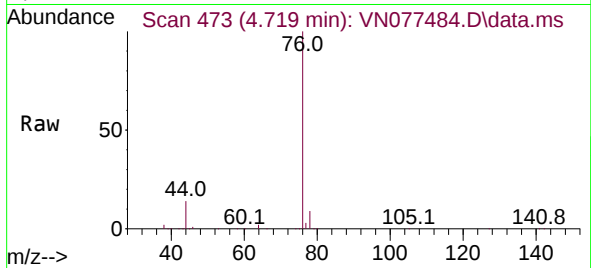
Tgt Ion: 43 Resp: 816893
Ion Ratio Lower Upper
43 100
58 34.8 28.0 42.0





#17
Carbon Disulfide
Concen: 44.786 ug/l
RT: 4.719 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

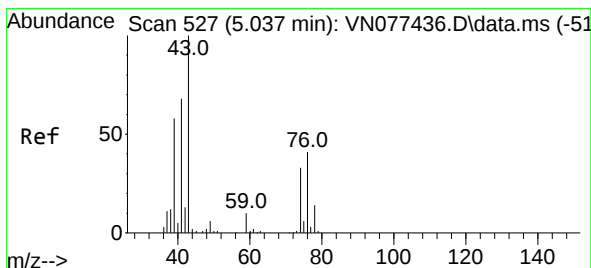
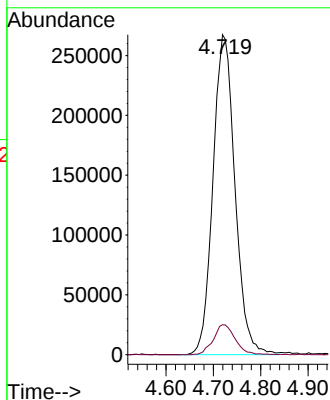
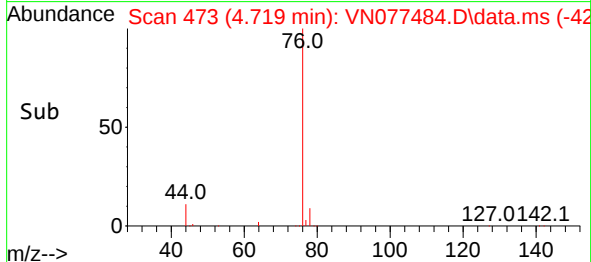
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 86321
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

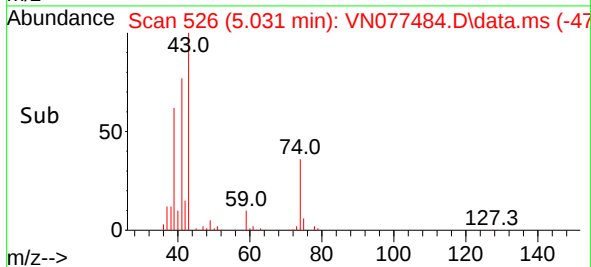
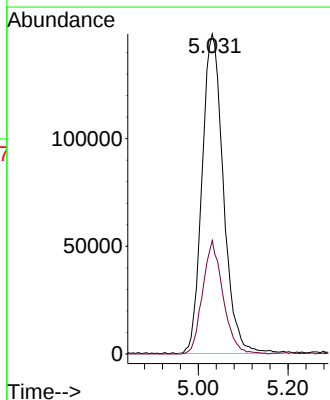
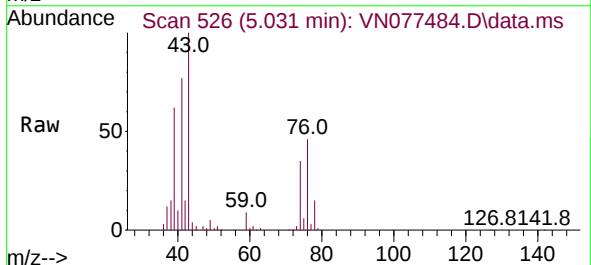
Manual Integrations
APPROVED

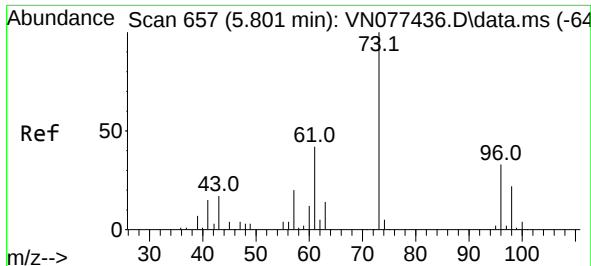
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#18
Methyl Acetate
Concen: 45.030 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

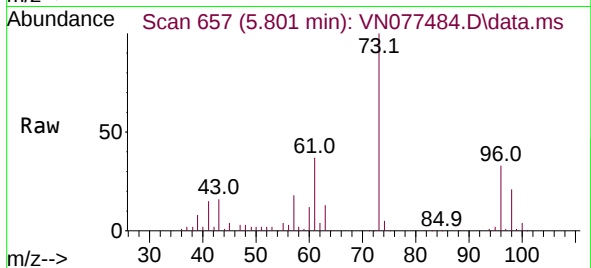
Tgt Ion: 43 Resp: 490675
Ion Ratio Lower Upper
43 100
74 33.9 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 49.299 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

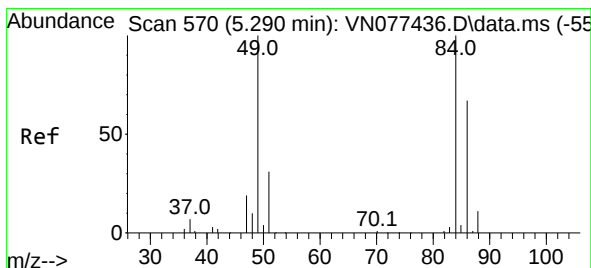
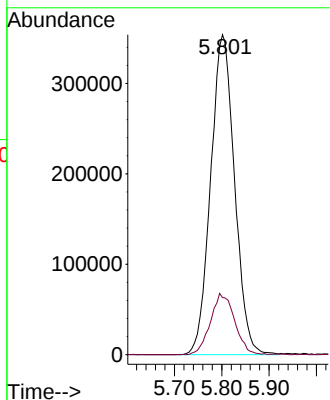
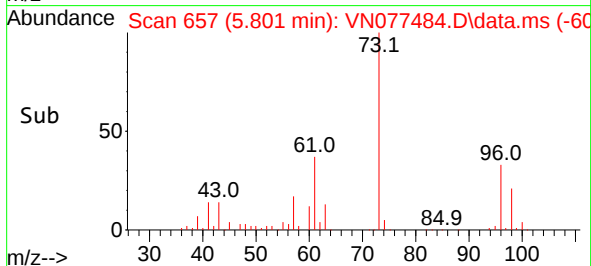
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 1243618
Ion Ratio Lower Upper
73 100
57 17.8 15.6 23.4

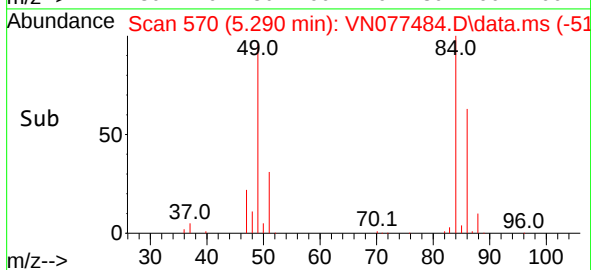
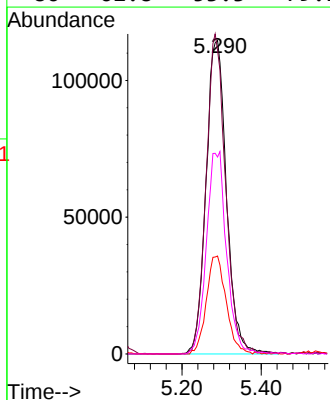
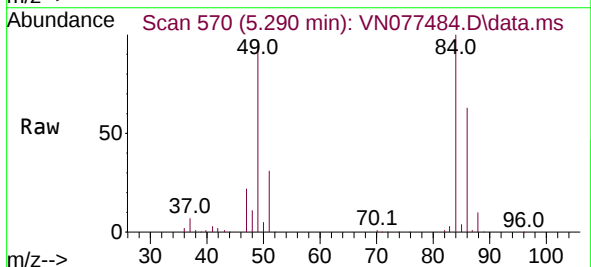
Manual Integrations
APPROVED

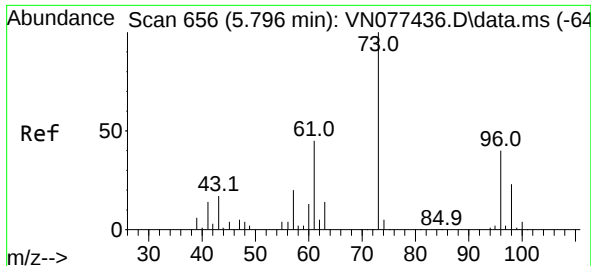
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#20
Methylene Chloride
Concen: 45.794 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

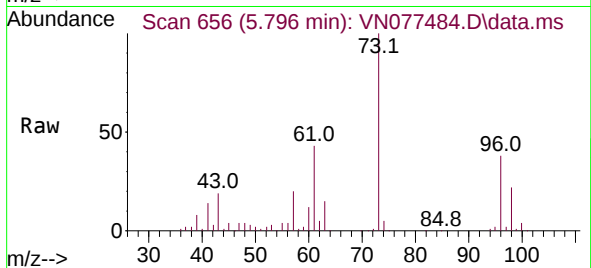
Tgt Ion: 84 Resp: 409783
Ion Ratio Lower Upper
84 100
49 96.9 79.7 119.5
51 31.2 25.2 37.8
86 62.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.338 ug/l
RT: 5.796 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

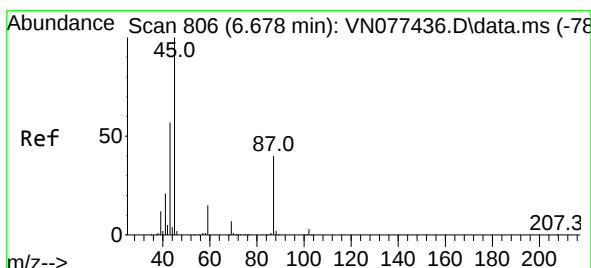
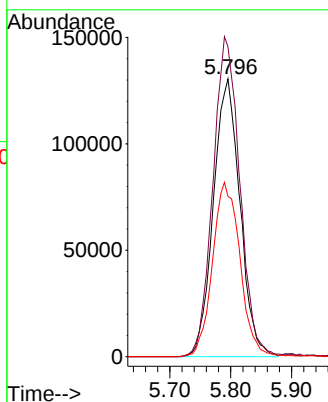
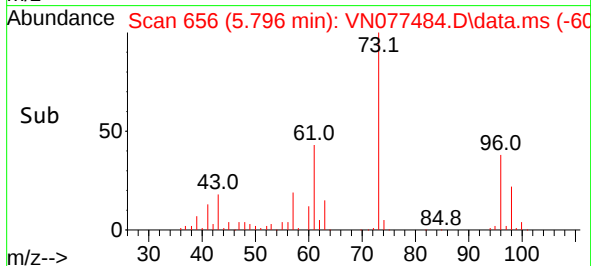
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 396474
Ion Ratio Lower Upper
96 100
61 111.6 90.1 135.1
98 57.7 46.4 69.6

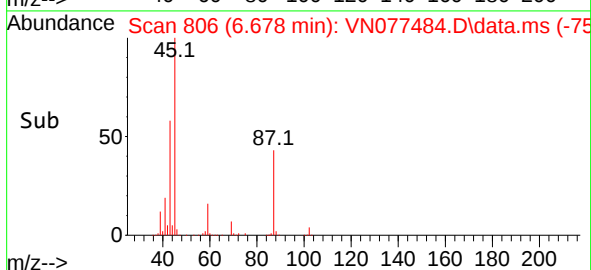
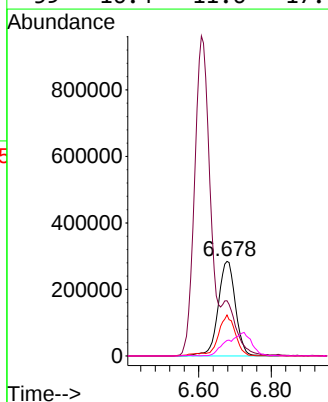
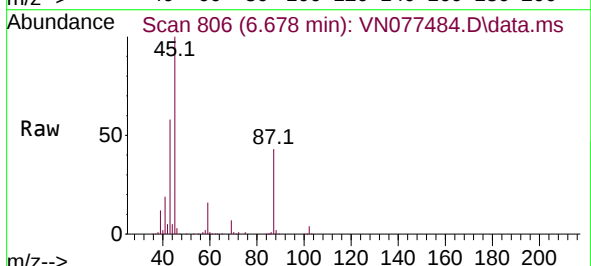
Manual Integrations
APPROVED

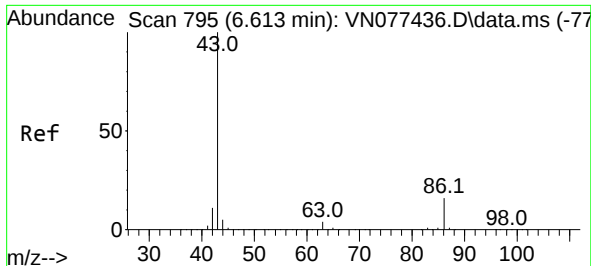
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#22
Diisopropyl ether
Concen: 48.682 ug/l
RT: 6.678 min Scan# 806
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

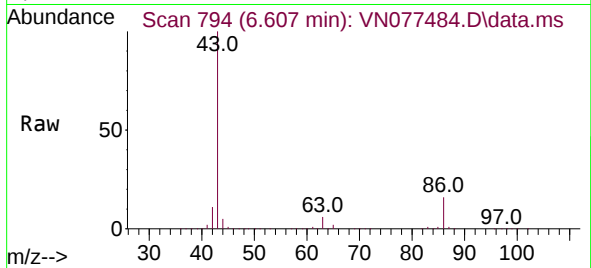
Tgt Ion: 45 Resp: 942218
Ion Ratio Lower Upper
45 100
43 57.7 45.5 68.3
87 43.2 31.8 47.8
59 16.4 11.6 17.4





#23
 Vinyl Acetate
 Concen: 236.934 ug/l
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077484.D
 Acq: 27 Apr 2023 09:15

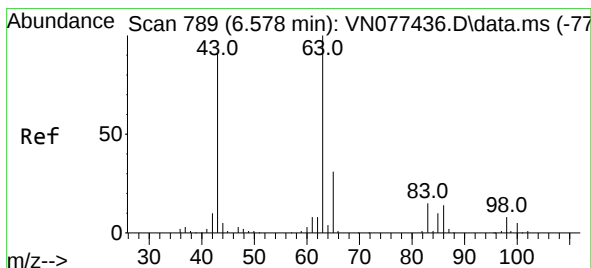
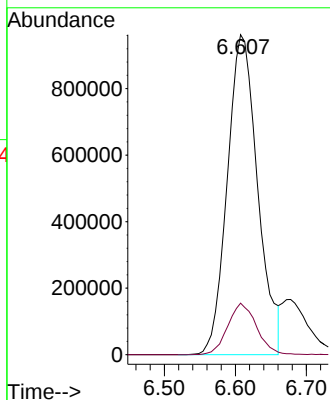
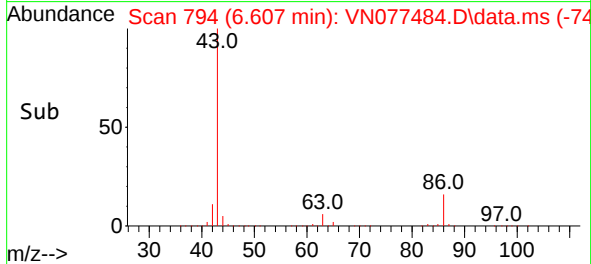
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 2863918
 Ion Ratio Lower Upper
 43 100
 86 16.1 13.0 19.6

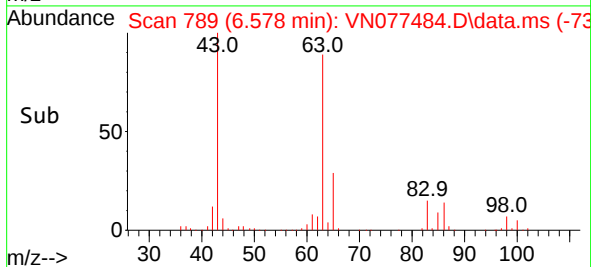
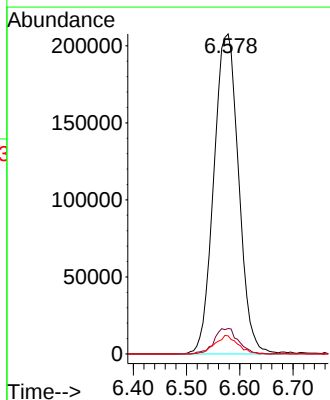
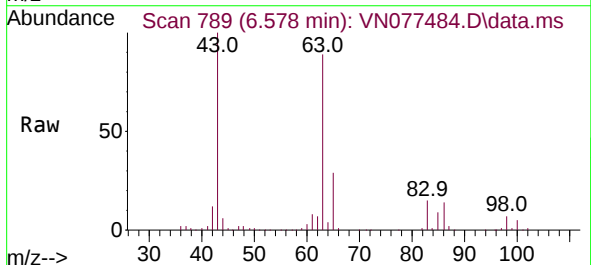
Manual Integrations
 APPROVED

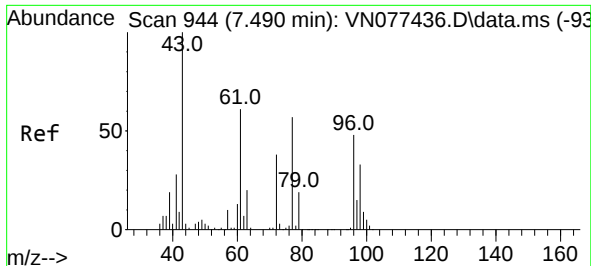
Reviewed By :John Carlone 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#24
 1,1-Dichloroethane
 Concen: 49.045 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN077484.D
 Acq: 27 Apr 2023 09:15

Tgt Ion: 63 Resp: 671939
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 5.6 2.5 7.4





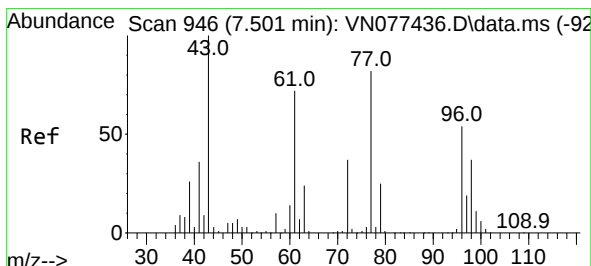
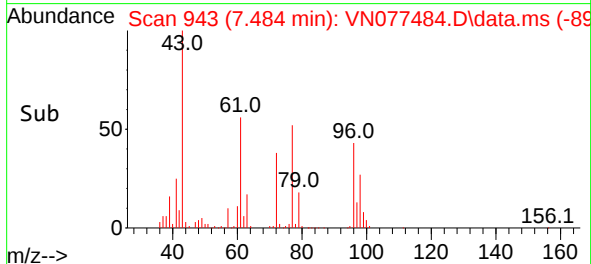
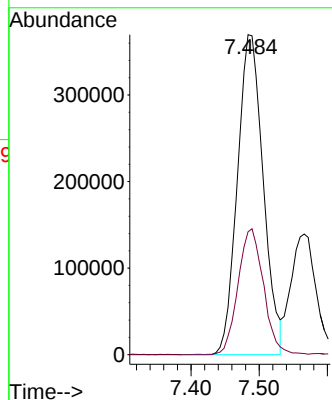
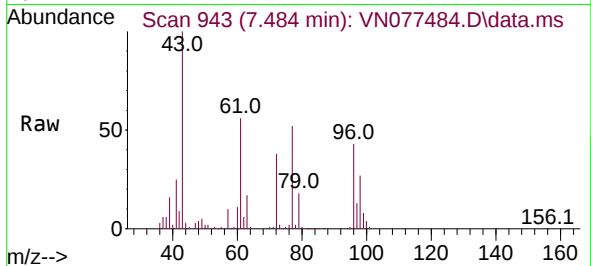
#25
2-Butanone
Concen: 243.008 ug/l
RT: 7.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 972544
Ion Ratio Lower Upper
43 100
72 38.4 30.2 45.2

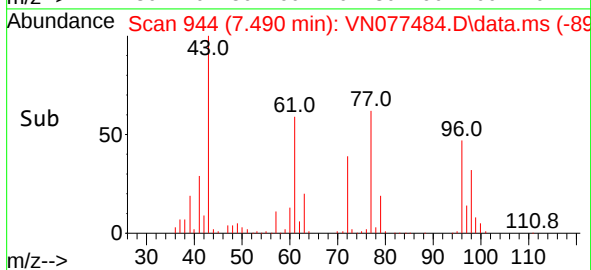
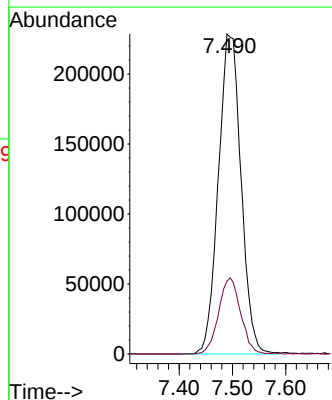
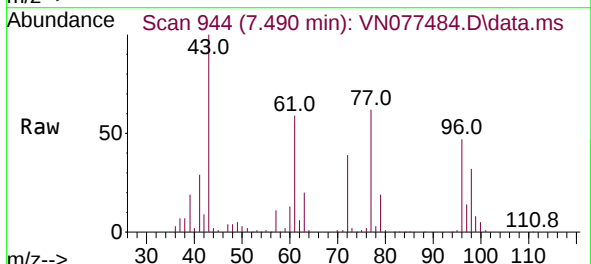
Manual Integrations
APPROVED

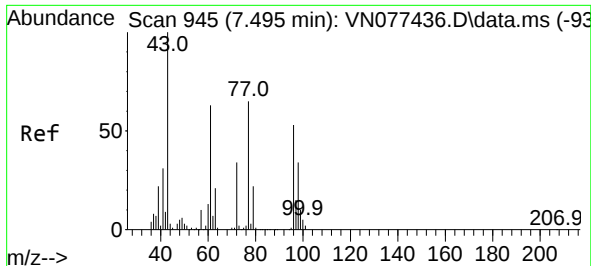
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#26
2,2-Dichloropropane
Concen: 50.865 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.012 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

Tgt Ion: 77 Resp: 675715
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 48.189 ug/l

RT: 7.490 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN077484.D

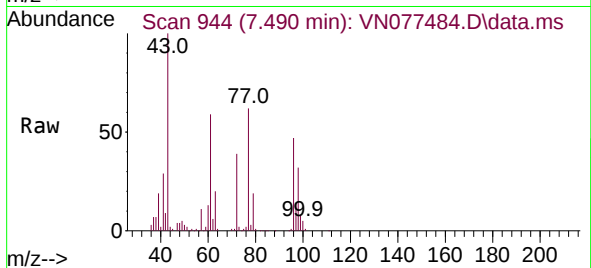
Acq: 27 Apr 2023 09:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 46811

Ion Ratio Lower Upper

96 100

61 130.2 0.0 255.2

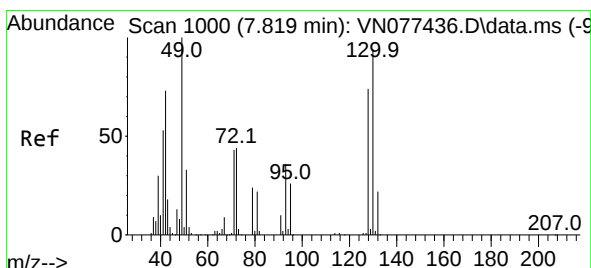
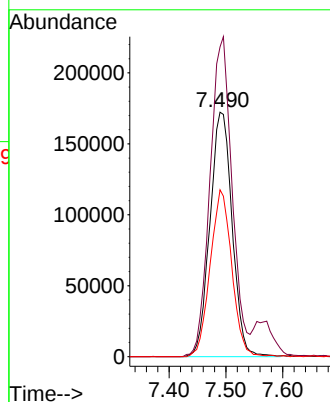
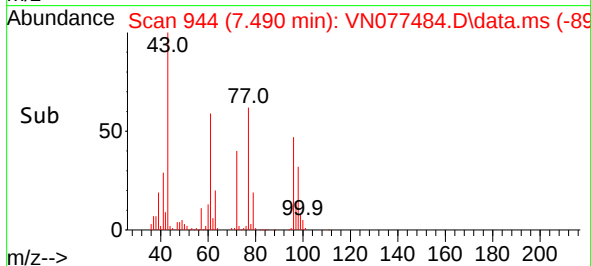
98 66.0 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#28

Bromochloromethane

Concen: 56.969 ug/l

RT: 7.819 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN077484.D

Acq: 27 Apr 2023 09:15

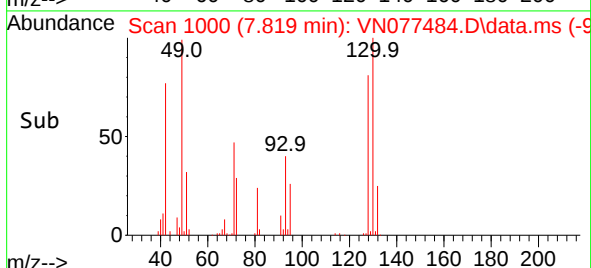
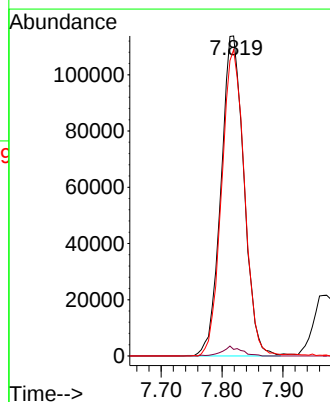
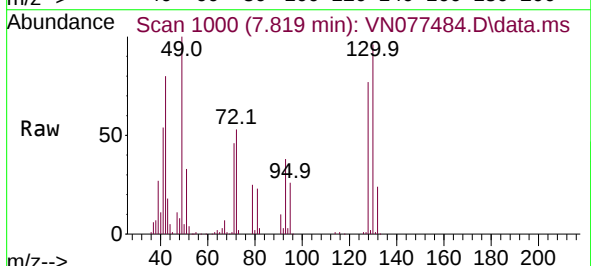
Tgt Ion: 49 Resp: 298055

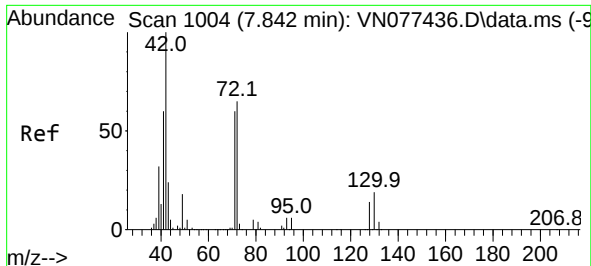
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

130 94.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 222.190 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077484.D

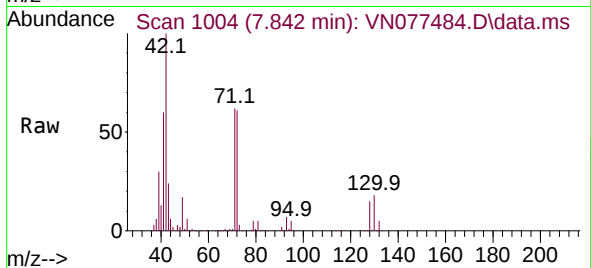
Acq: 27 Apr 2023 09:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



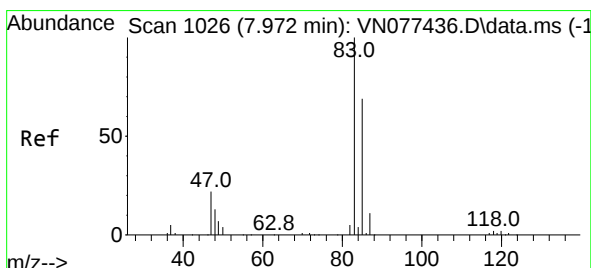
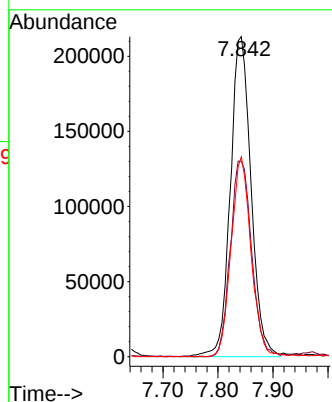
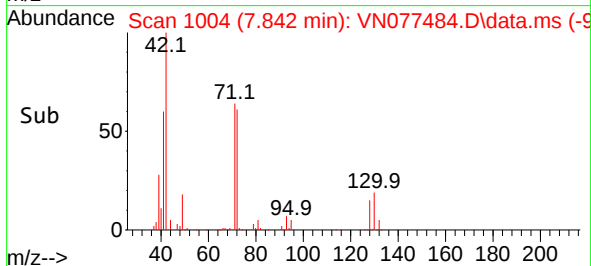
Tgt Ion:	42	Resp:	557140
Ion Ratio	Lower	Upper	
42	100		
72	63.3	49.8	74.6
71	60.1	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#30

Chloroform

Concen: 50.408 ug/l

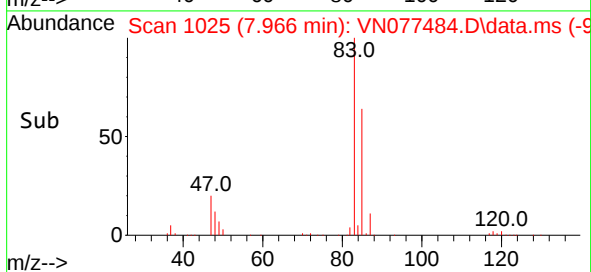
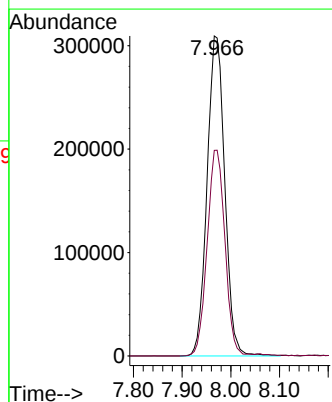
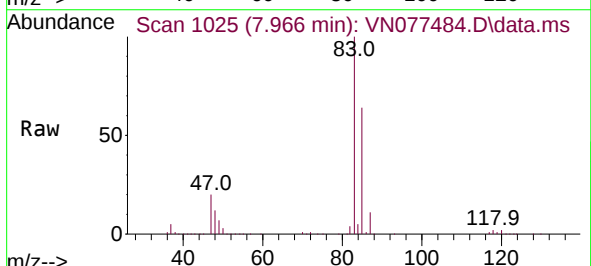
RT: 7.966 min Scan# 1025

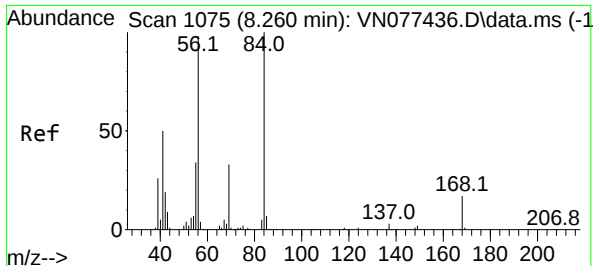
Delta R.T. -0.006 min

Lab File: VN077484.D

Acq: 27 Apr 2023 09:15

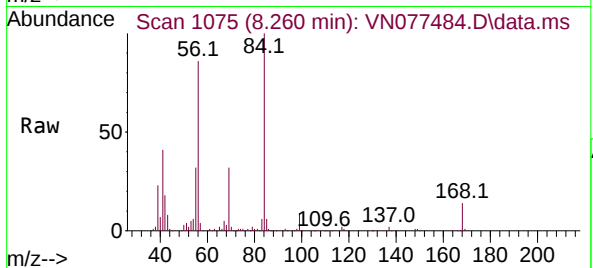
Tgt Ion:	83	Resp:	778298
Ion Ratio	Lower	Upper	
83	100		
85	64.3	55.4	83.0





#31
Cyclohexane
Concen: 44.870 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

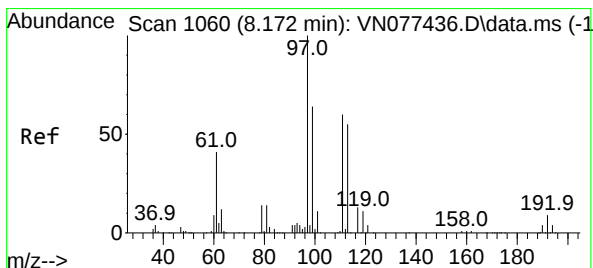
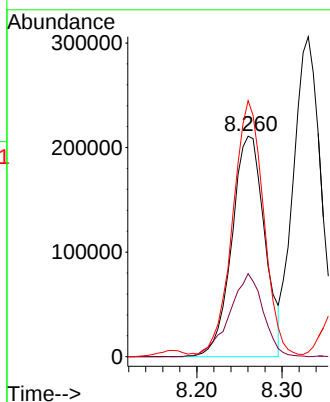
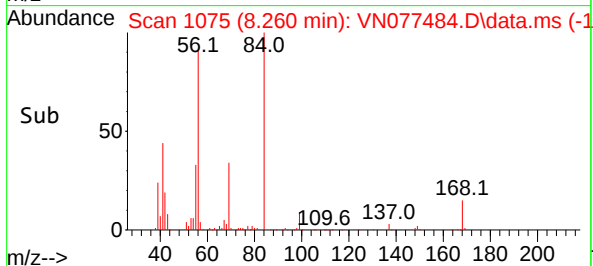
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



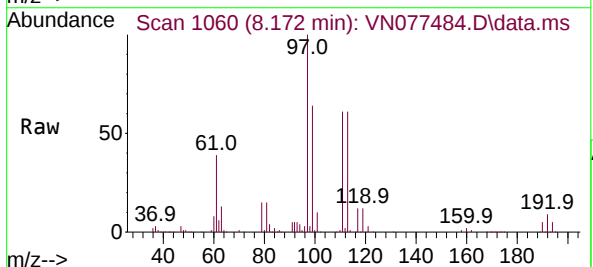
Tgt Ion: 56 Resp: 563754
Ion Ratio Lower Upper
56 100
69 37.6 26.8 40.2
84 113.4 81.8 122.6

Manual Integrations
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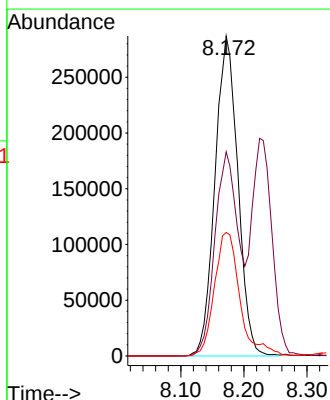
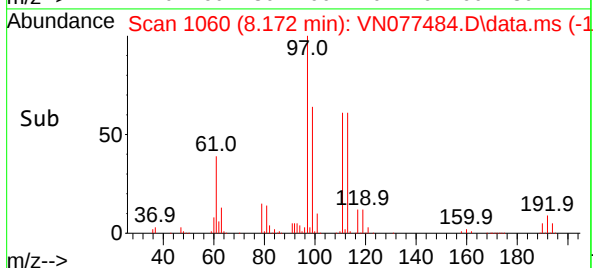
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

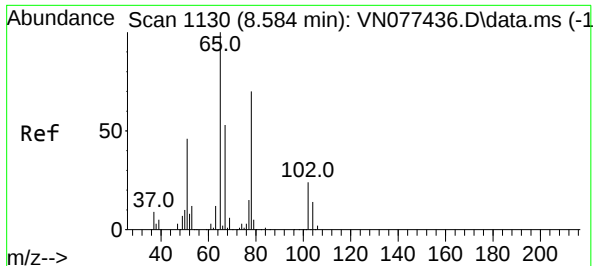


#32
1,1,1-Trichloroethane
Concen: 50.946 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15



Tgt Ion: 97 Resp: 723192
Ion Ratio Lower Upper
97 100
99 65.4 50.3 75.5
61 43.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.959 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077484.D

Acq: 27 Apr 2023 09:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 48744

Ion Ratio Lower Upper

65 100

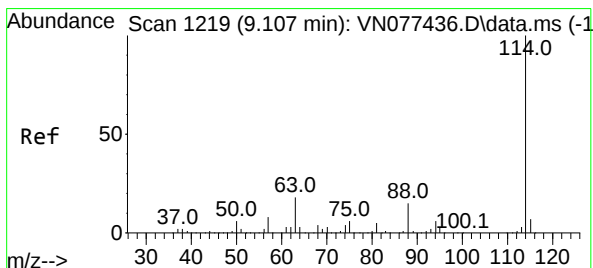
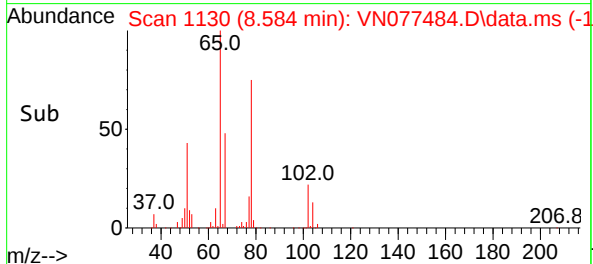
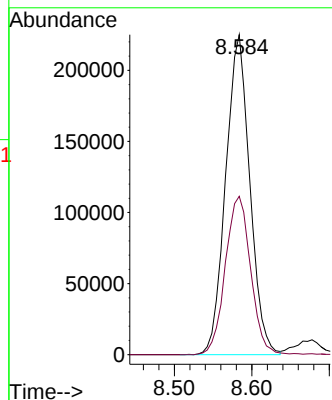
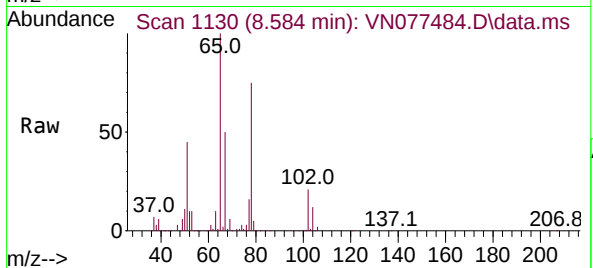
67 52.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077484.D

Acq: 27 Apr 2023 09:15

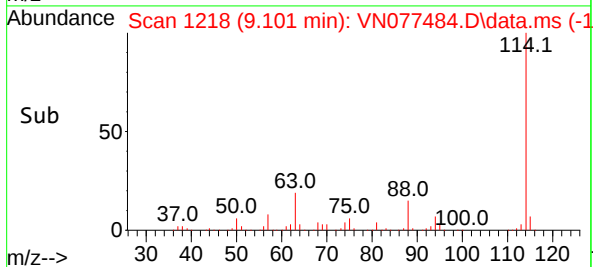
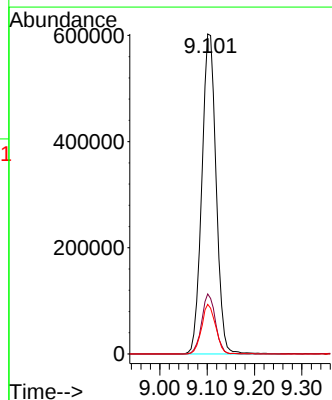
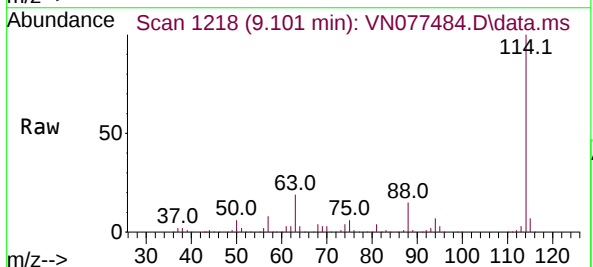
Tgt Ion:114 Resp: 1265454

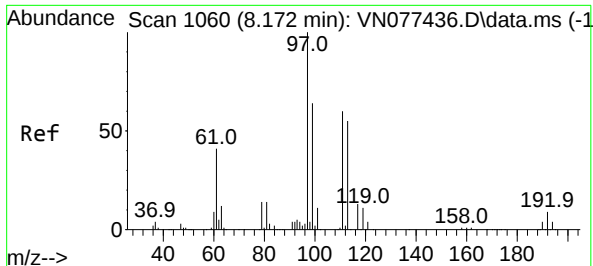
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.828 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077484.D

Acq: 27 Apr 2023 09:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 42462

Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

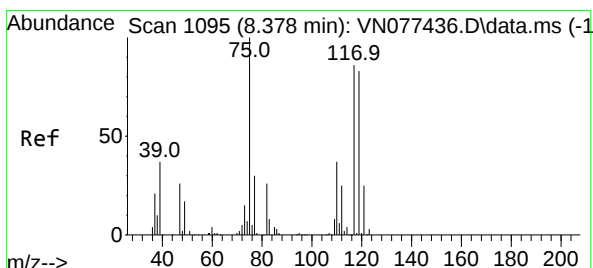
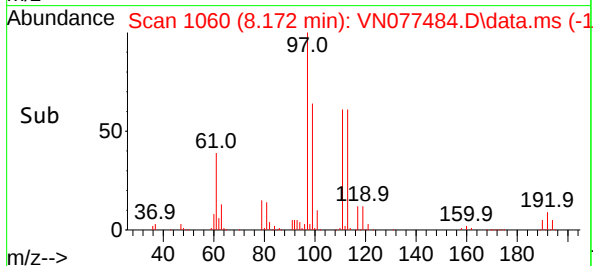
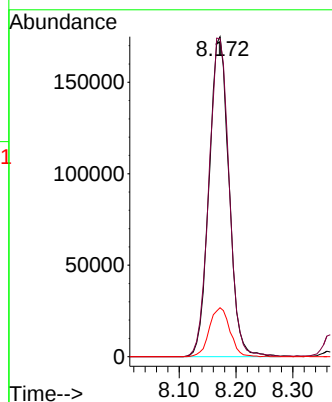
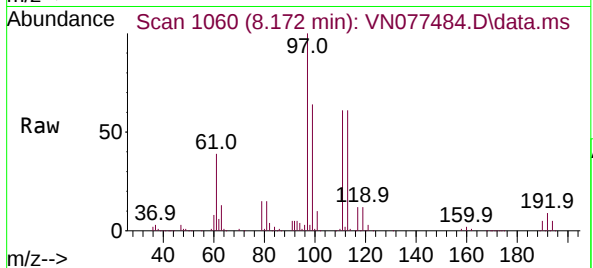
192 15.8 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#36

1,1-Dichloropropene

Concen: 50.595 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. 0.000 min

Lab File: VN077484.D

Acq: 27 Apr 2023 09:15

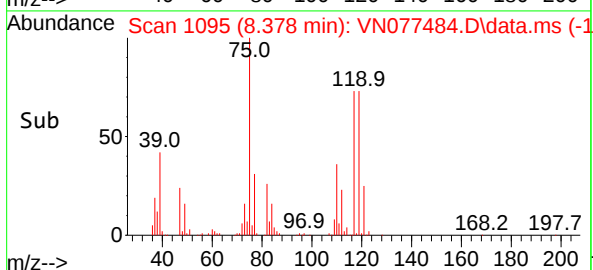
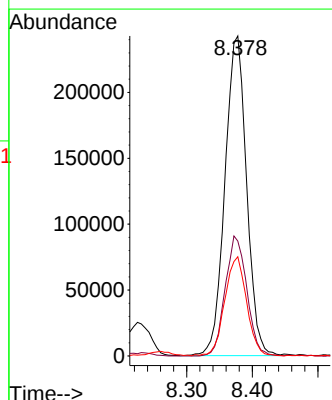
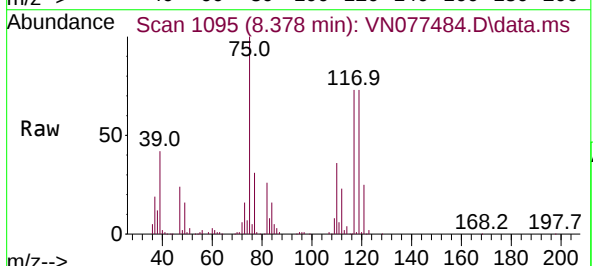
Tgt Ion: 75 Resp: 555961

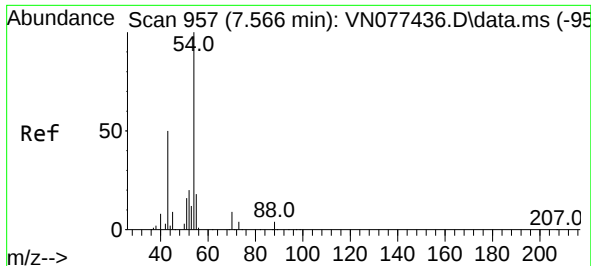
Ion Ratio Lower Upper

75 100

110 37.4 19.1 57.3

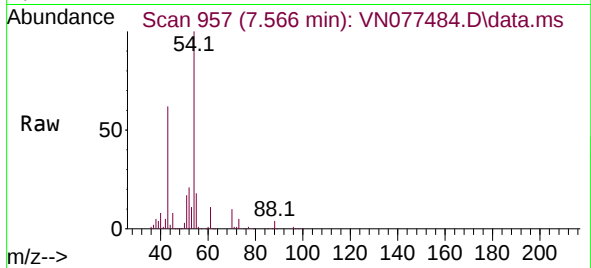
77 31.4 25.0 37.4





#37
Ethyl Acetate
Concen: 44.716 ug/l
RT: 7.566 min Scan# 957
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

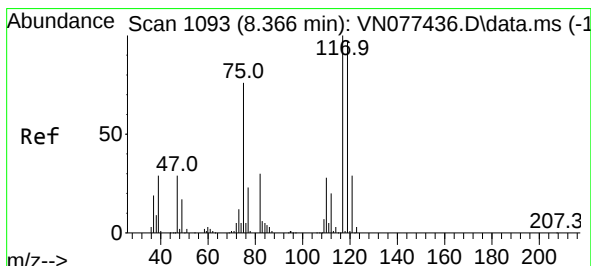
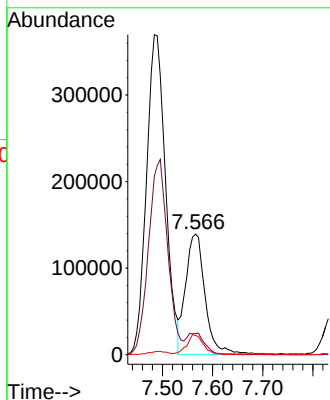
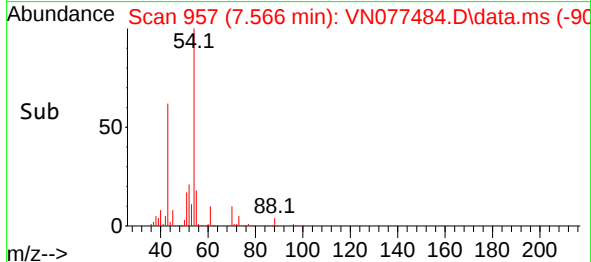
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 373375
Ion Ratio Lower Upper
43 100
61 15.9 13.2 19.8
70 13.9 11.3 16.9

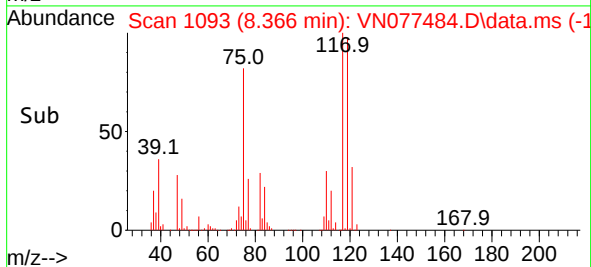
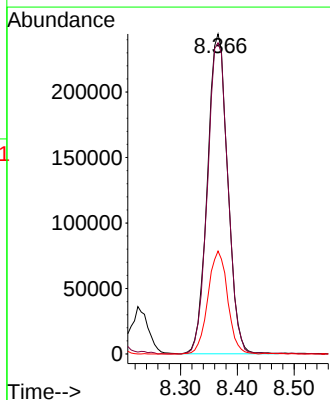
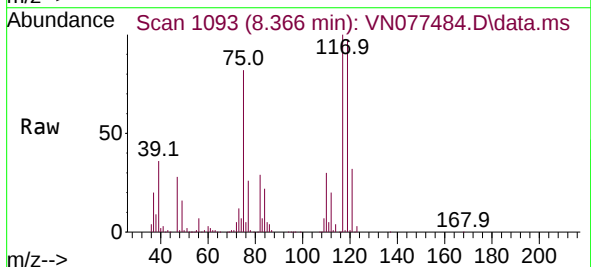
Manual Integrations
APPROVED

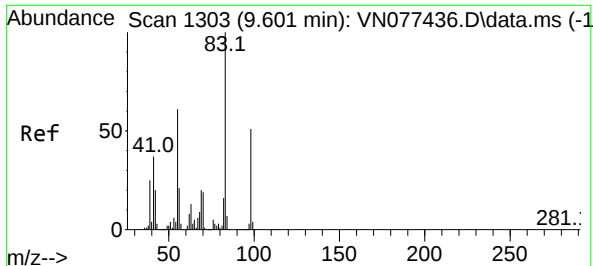
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#38
Carbon Tetrachloride
Concen: 49.871 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

Tgt Ion:117 Resp: 604627
Ion Ratio Lower Upper
117 100
119 97.3 77.3 115.9
121 32.2 23.3 34.9





#39

Methylcyclohexane

Concen: 50.393 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. 0.000 min

Lab File: VN077484.D

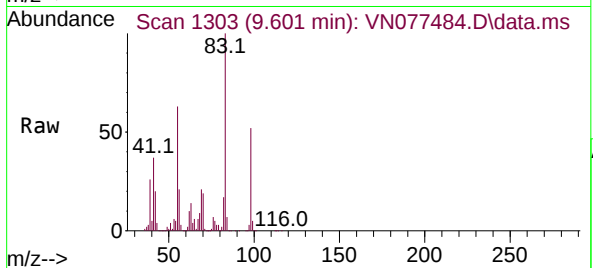
Acq: 27 Apr 2023 09:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



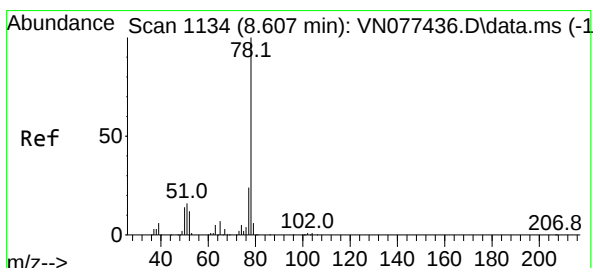
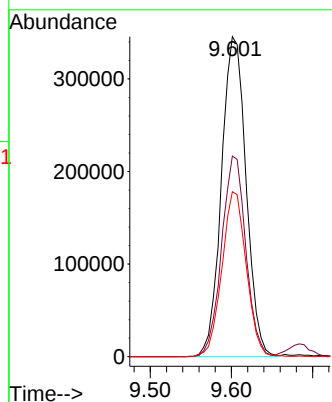
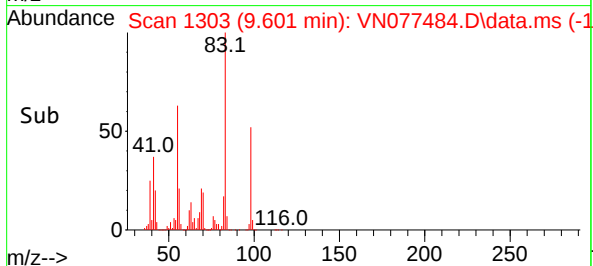
Tgt Ion:	83	Resp:	729564
Ion Ratio	Lower	Upper	
83	100		
55	62.7	49.1	73.7
98	51.6	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#40

Benzene

Concen: 49.061 ug/l

RT: 8.607 min Scan# 1134

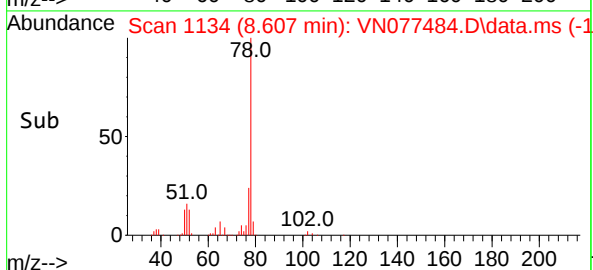
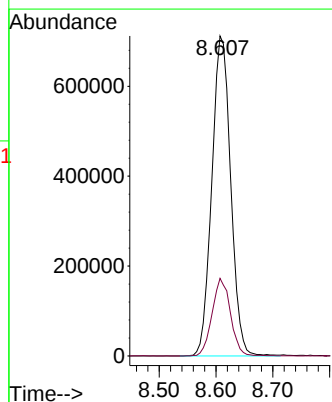
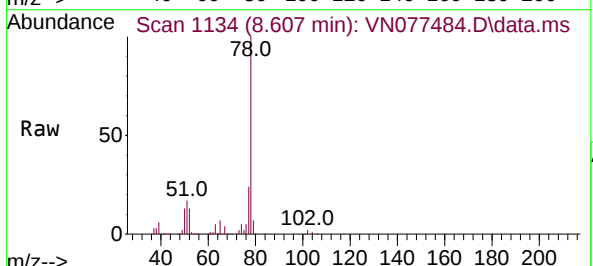
Delta R.T. 0.000 min

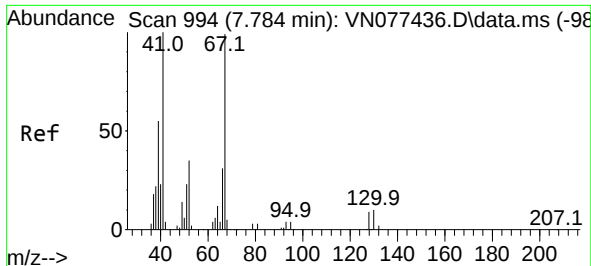
Lab File: VN077484.D

Acq: 27 Apr 2023 09:15

Tgt Ion: 78 Resp: 1642322

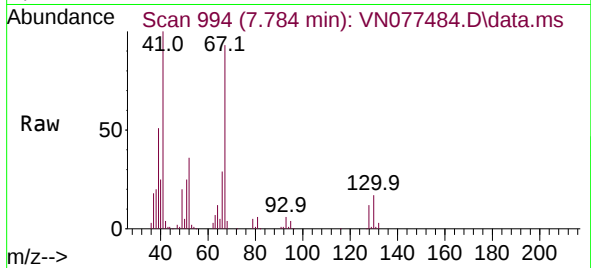
Ion Ratio	Lower	Upper
78	100	
77	24.2	19.0 28.6





#41
Methacrylonitrile
Concen: 46.163 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

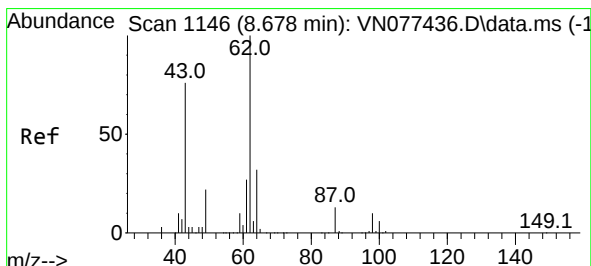
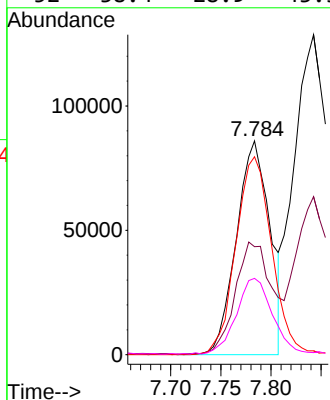
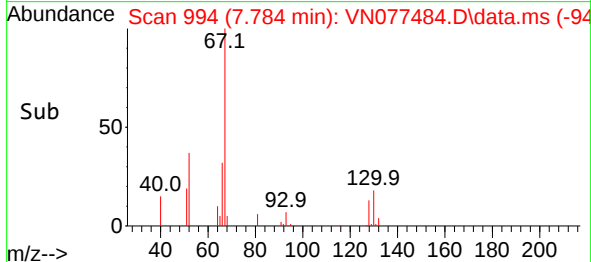
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



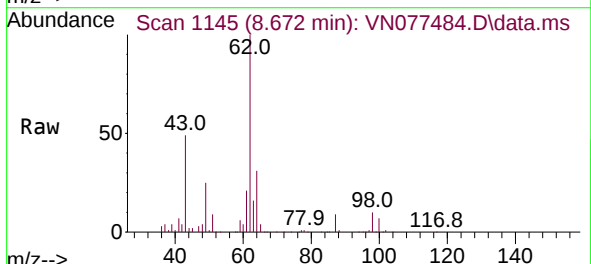
Tgt Ion: 41 Resp: 20076
Ion Ratio Lower Upper
41 100
39 59.2 42.6 64.0
67 98.8 77.5 116.3
52 38.4 28.9 43.3

Manual Integrations
APPROVED

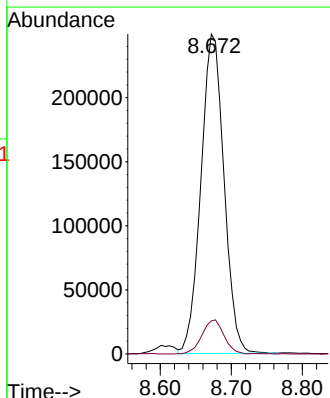
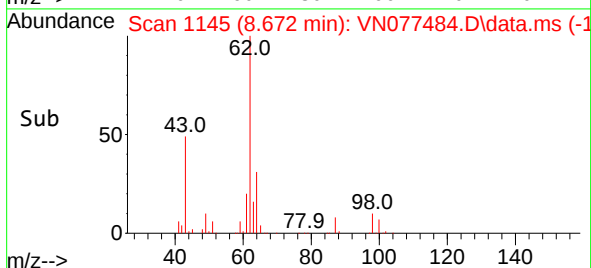
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

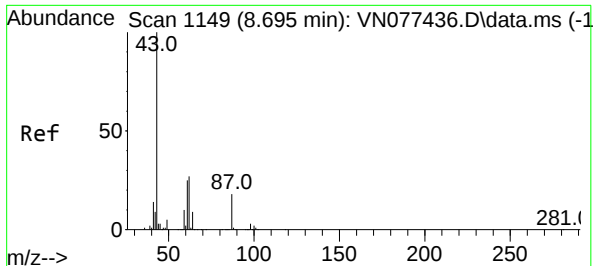


#42
1,2-Dichloroethane
Concen: 49.038 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15



Tgt Ion: 62 Resp: 563808
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 47.077 ug/l

RT: 8.689 min Scan# 1149

Delta R.T. -0.006 min

Lab File: VN077484.D

Acq: 27 Apr 2023 09:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

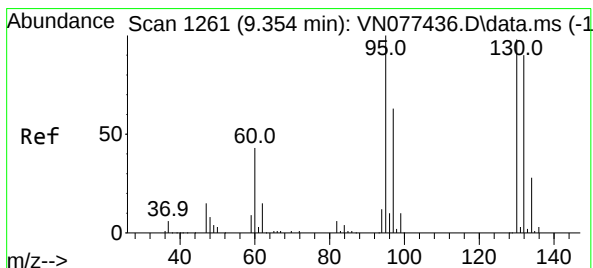
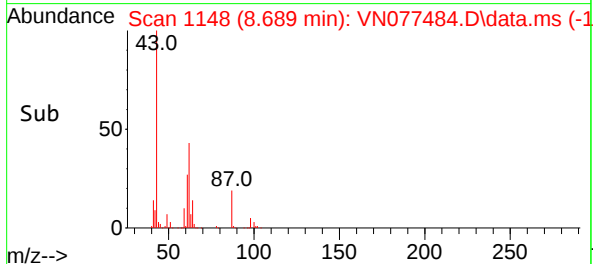
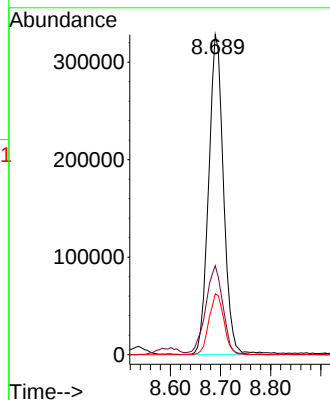
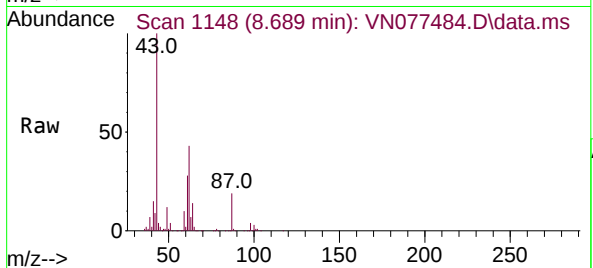
Tgt Ion: 43	Resp: 68004
Ion Ratio	Lower Upper
43	100
61	31.9 24.7 37.1
87	19.0 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#44

Trichloroethene

Concen: 51.098 ug/l

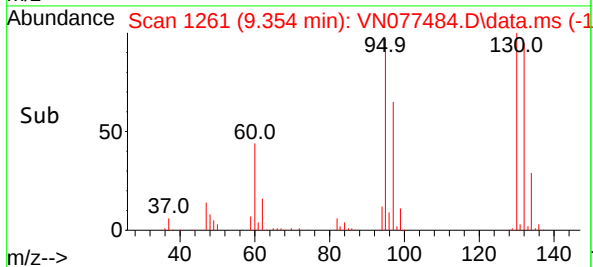
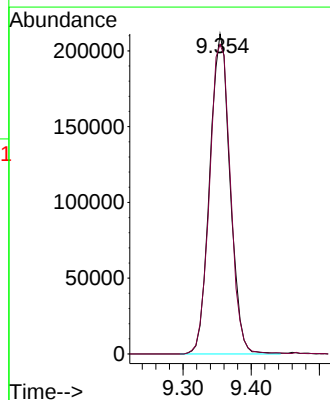
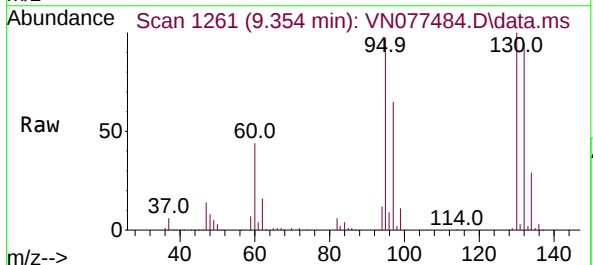
RT: 9.354 min Scan# 1261

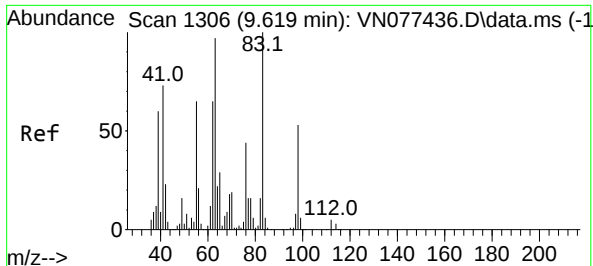
Delta R.T. 0.000 min

Lab File: VN077484.D

Acq: 27 Apr 2023 09:15

Tgt Ion:130	Resp: 437958
Ion Ratio	Lower Upper
130	100
95	96.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.753 ug/l

RT: 9.625 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077484.D

Acq: 27 Apr 2023 09:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 390134

Ion Ratio Lower Upper

63 100

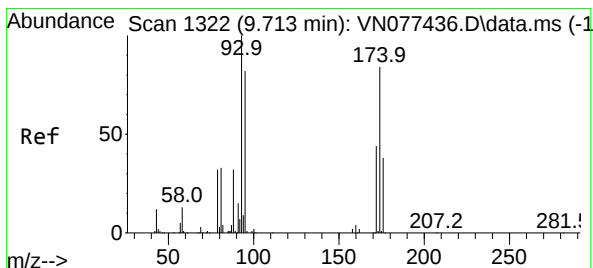
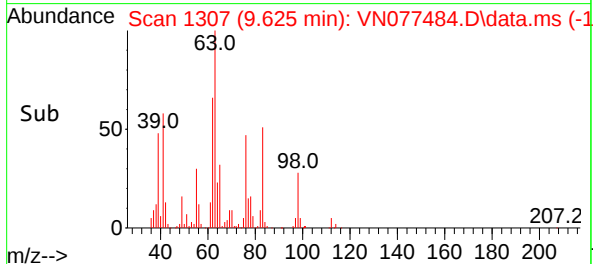
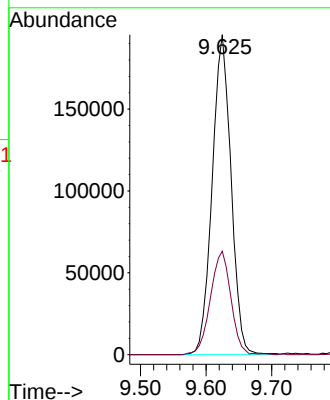
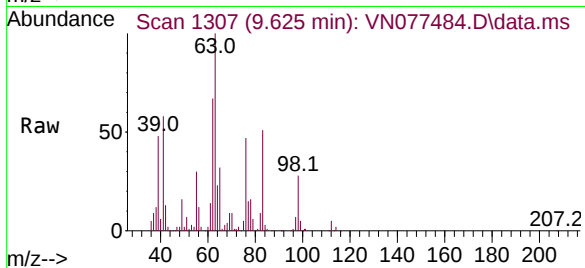
65 32.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#46

Dibromomethane

Concen: 48.530 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077484.D

Acq: 27 Apr 2023 09:15

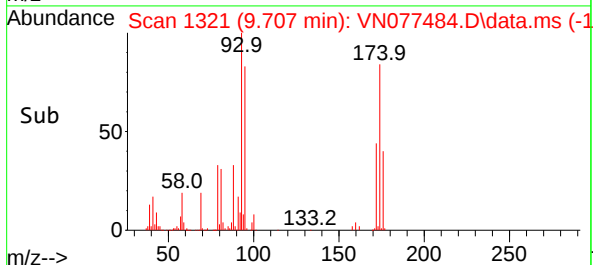
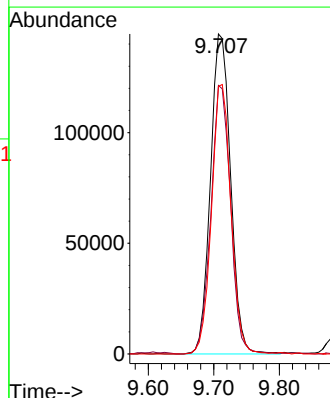
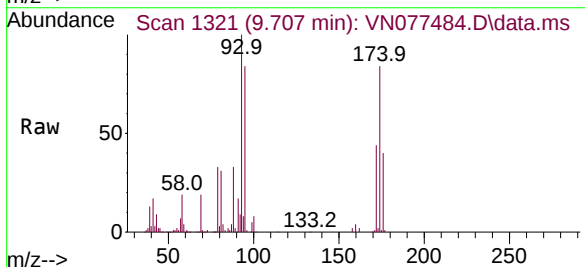
Tgt Ion: 93 Resp: 308779

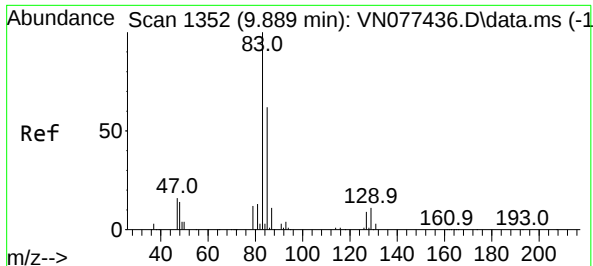
Ion Ratio Lower Upper

93 100

95 81.8 63.8 95.8

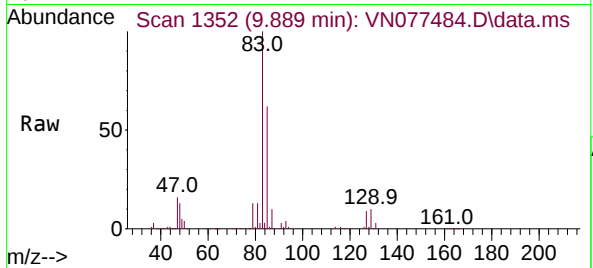
174 81.3 65.6 98.4





#47
Bromodichloromethane
Concen: 50.868 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

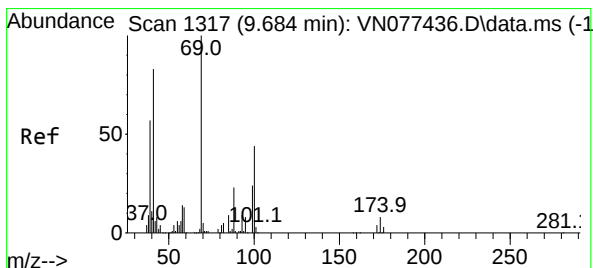
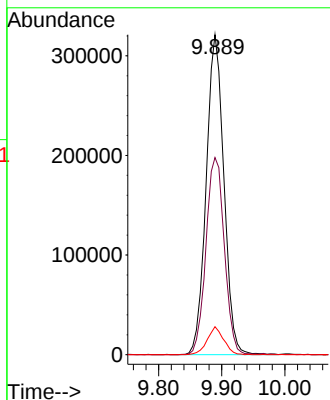
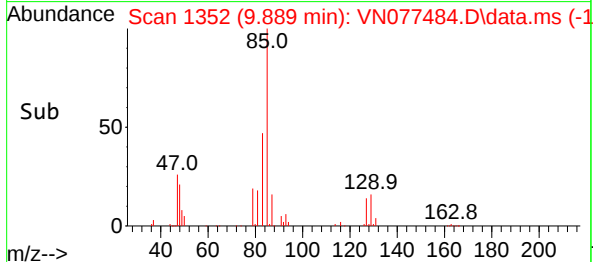
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



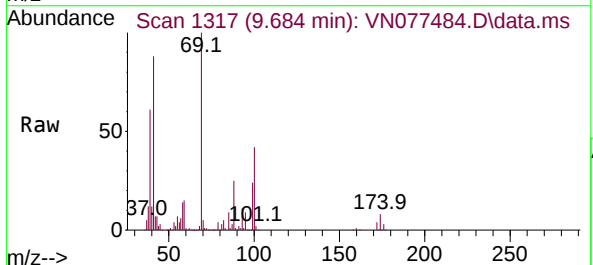
Tgt Ion: 83 Resp: 626040
Ion Ratio Lower Upper
83 100
85 61.6 49.6 74.4
127 8.7 7.0 10.6

Manual Integrations
APPROVED

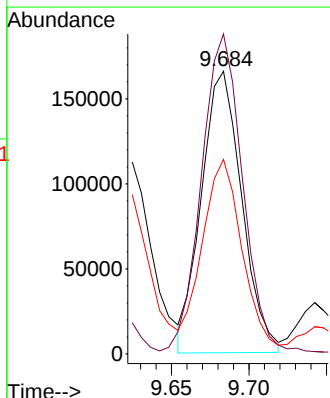
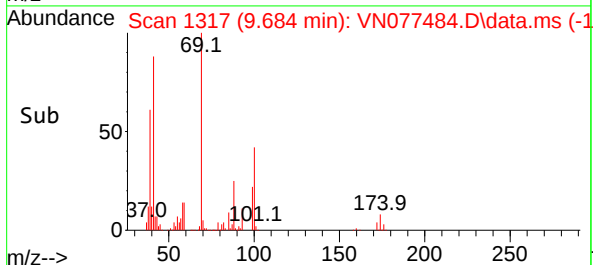
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

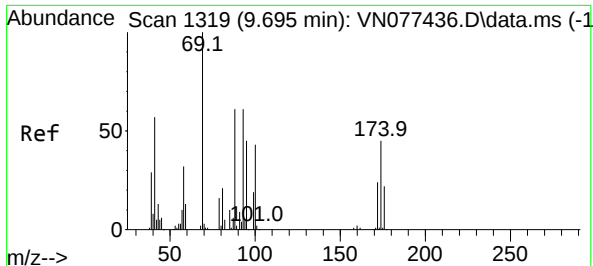


#48
Methyl methacrylate
Concen: 45.619 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15



Tgt Ion: 41 Resp: 299962
Ion Ratio Lower Upper
41 100
69 116.6 90.4 135.6
39 69.1 54.6 81.8





#49

1,4-Dioxane

Concen: 892.133 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077484.D

Acq: 27 Apr 2023 09:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 14714

Ion Ratio Lower Upper

88 100

43 17.7 17.0 25.6

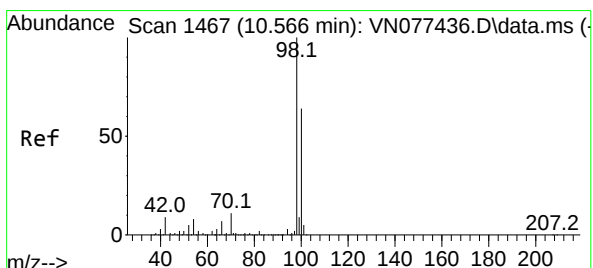
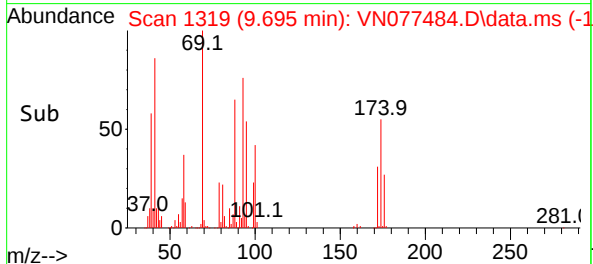
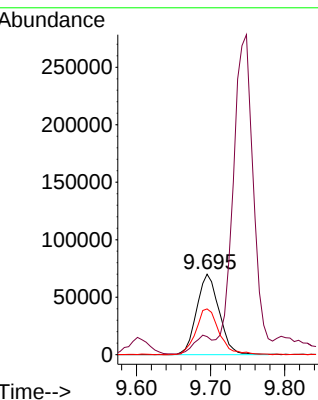
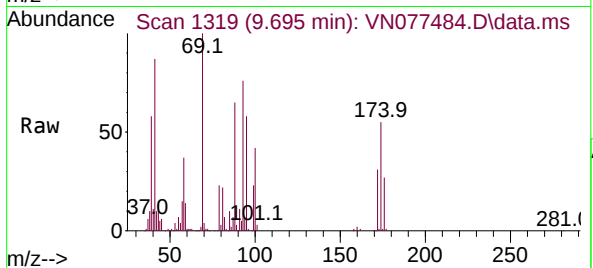
58 59.3 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#50

Toluene-d8

Concen: 56.998 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. 0.000 min

Lab File: VN077484.D

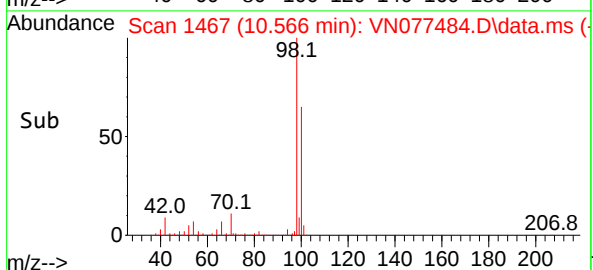
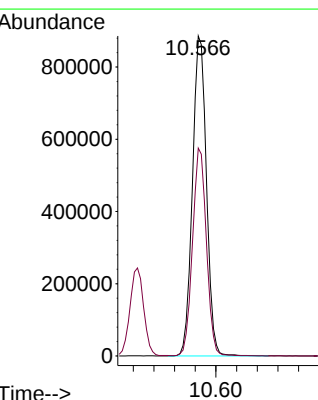
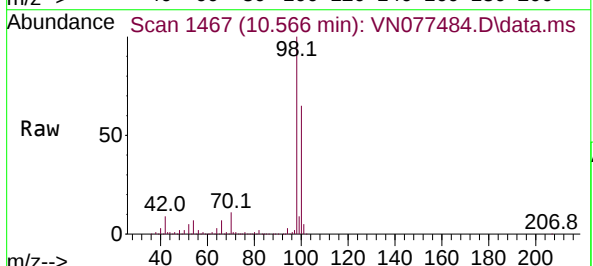
Acq: 27 Apr 2023 09:15

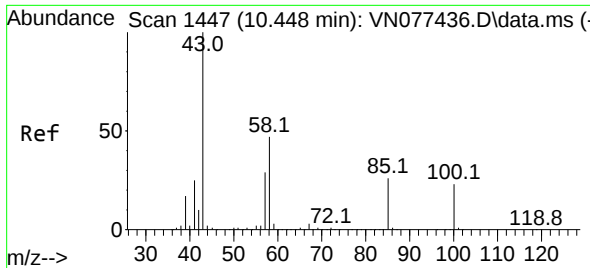
Tgt Ion: 98 Resp: 1661515

Ion Ratio Lower Upper

98 100

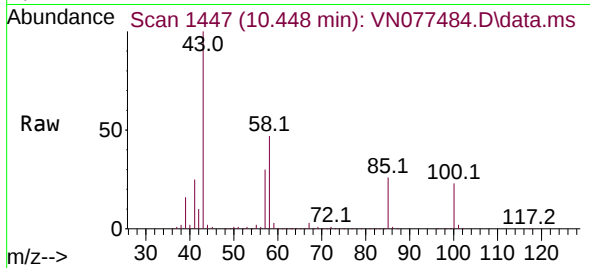
100 64.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 222.757 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

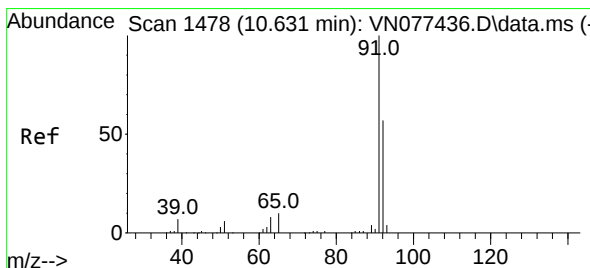
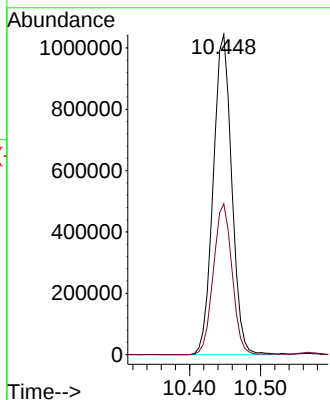
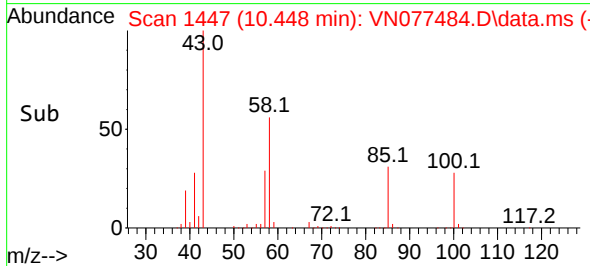
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 188738
Ion Ratio Lower Upper
43 100
58 47.6 36.6 54.8

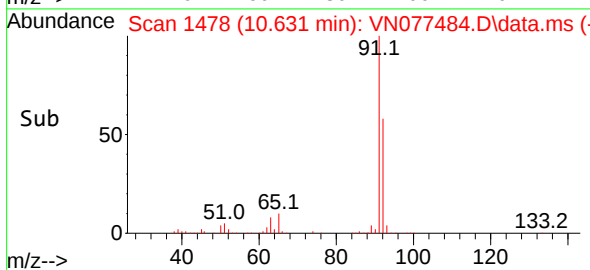
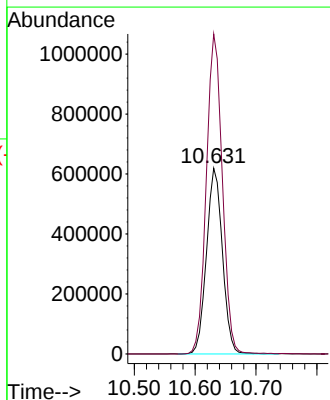
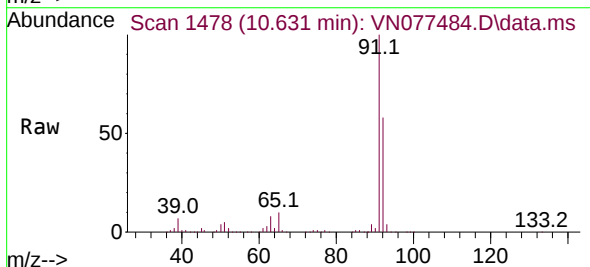
Manual Integrations
APPROVED

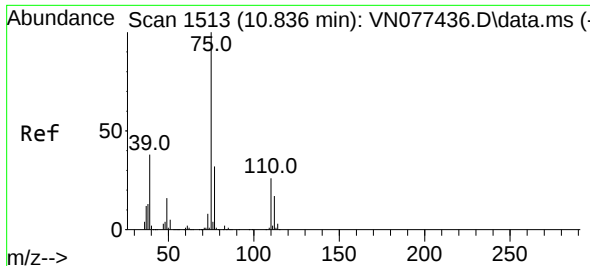
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#52
Toluene
Concen: 51.419 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

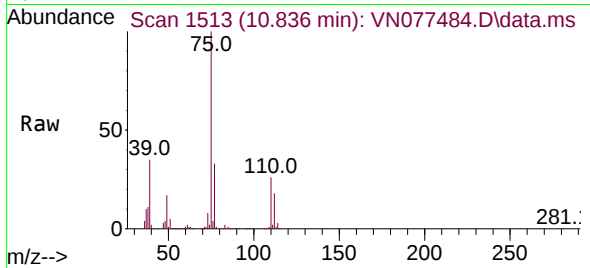
Tgt Ion: 92 Resp: 1127596
Ion Ratio Lower Upper
92 100
91 172.6 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 53.420 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN077484.D
 Acq: 27 Apr 2023 09:15

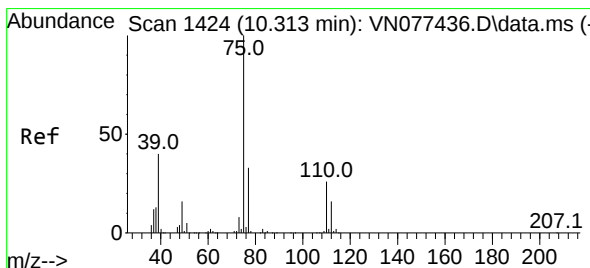
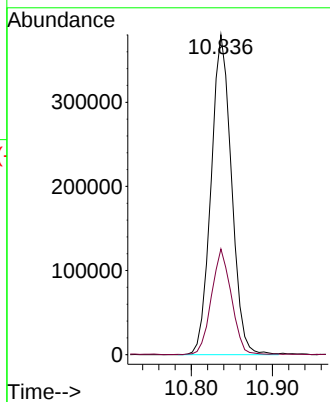
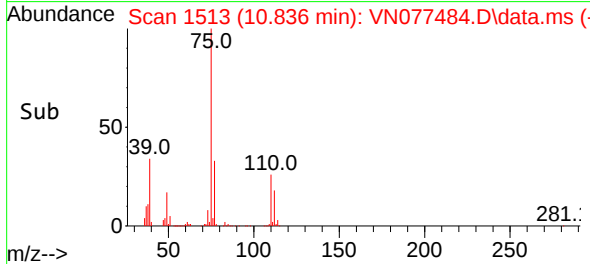
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



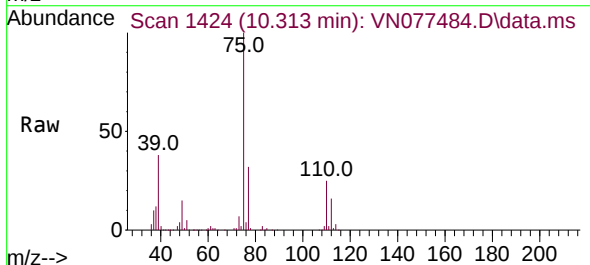
Tgt Ion: 75 Resp: 665729
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.0

Manual Integrations
 APPROVED

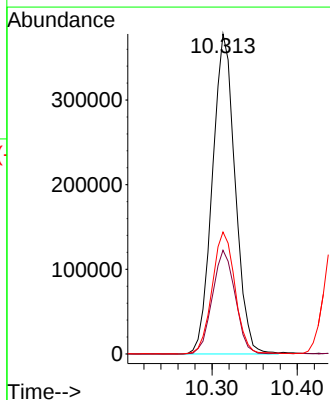
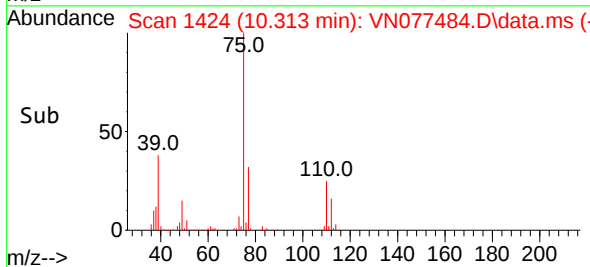
Reviewed By :John Carlone 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

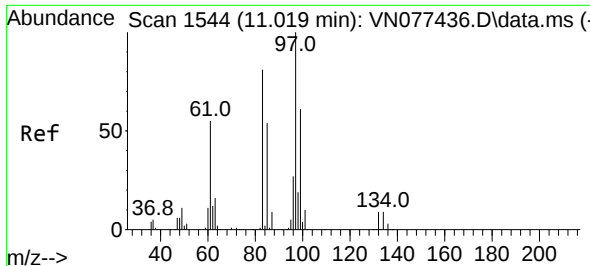


#54
 cis-1,3-Dichloropropene
 Concen: 51.731 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VN077484.D
 Acq: 27 Apr 2023 09:15



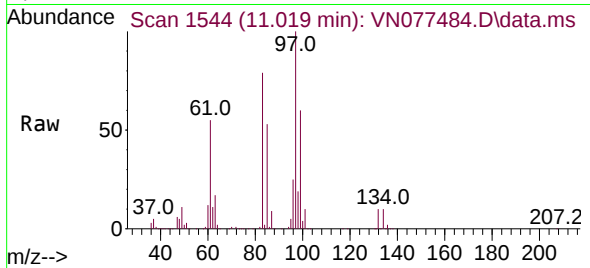
Tgt Ion: 75 Resp: 701732
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.1 39.1
 39 38.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 48.777 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

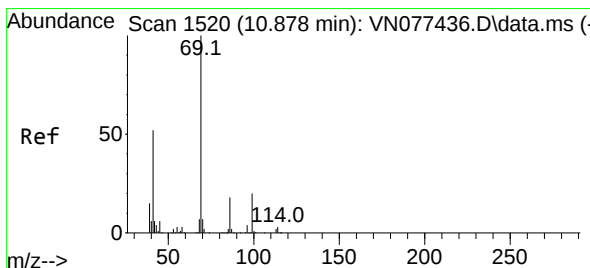
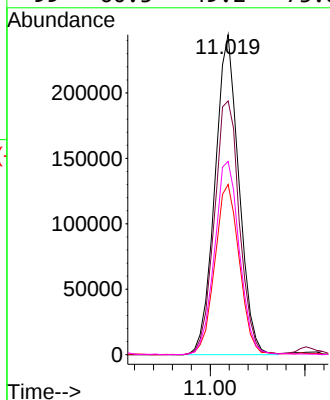
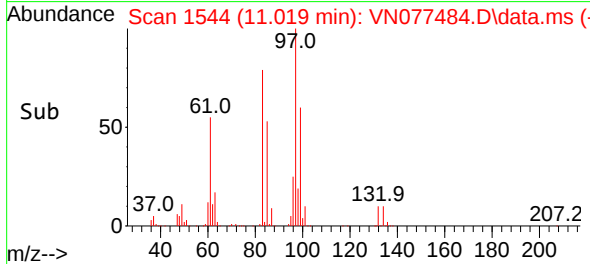
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	43013
Ion	Ratio	Lower	Upper
97	100		
83	79.3	65.1	97.7
85	53.2	43.4	65.2
99	60.3	49.2	73.8

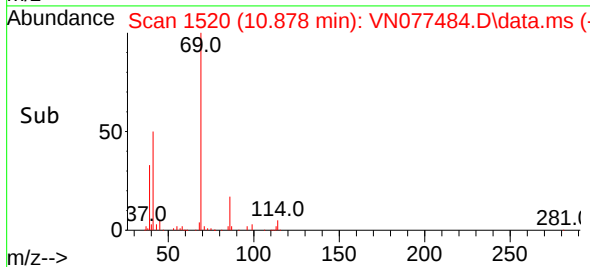
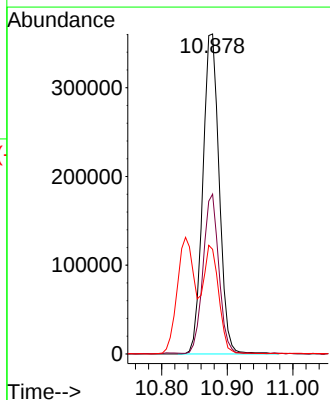
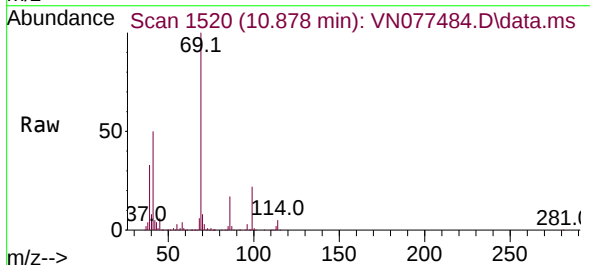
Manual Integrations
APPROVED

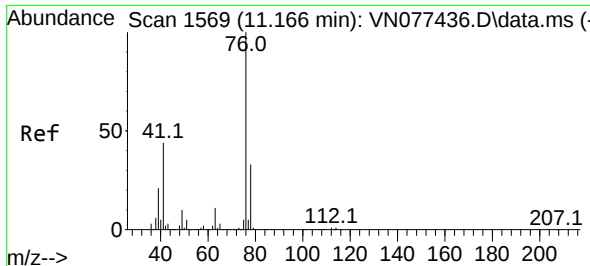
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#56
Ethyl methacrylate
Concen: 50.764 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

Tgt Ion:	69	Resp:	627272
Ion	Ratio	Lower	Upper
69	100		
41	47.8	39.6	59.4
39	32.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 51.290 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077484.D

Acq: 27 Apr 2023 09:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 720438

Ion Ratio Lower Upper

76 100

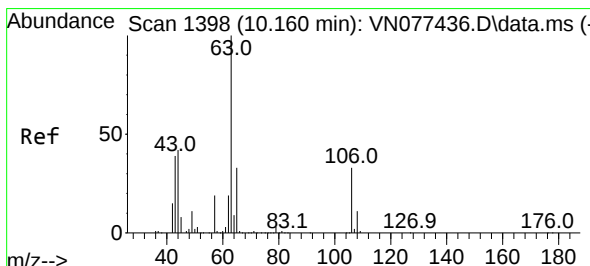
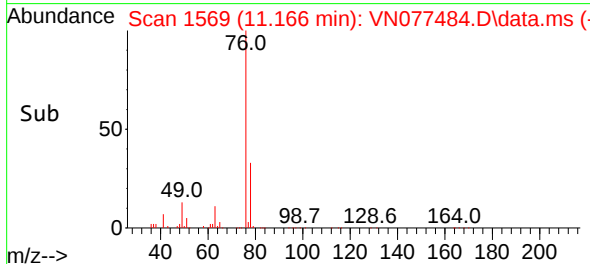
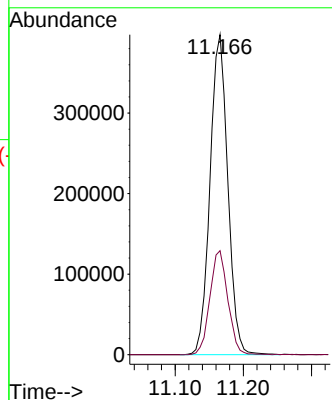
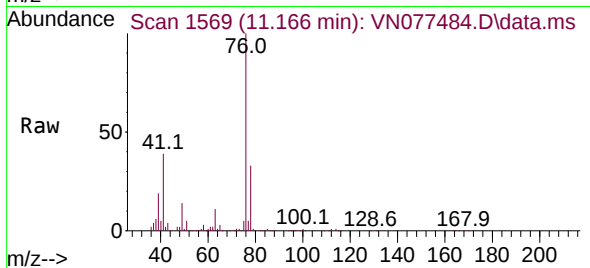
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 253.326 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077484.D

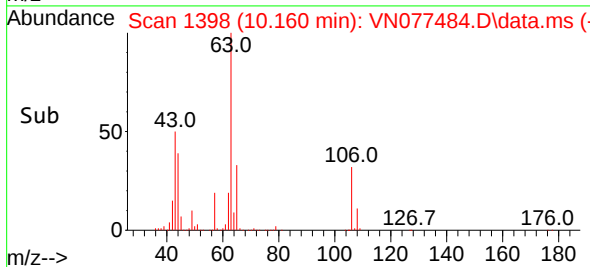
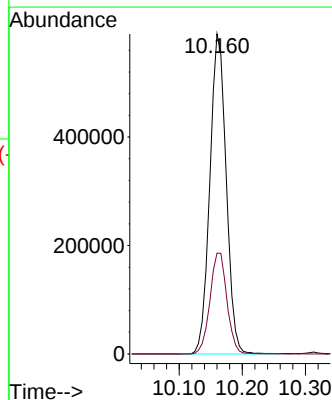
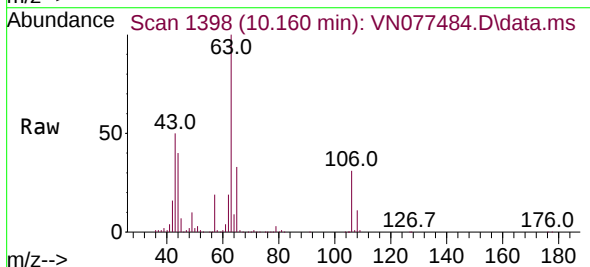
Acq: 27 Apr 2023 09:15

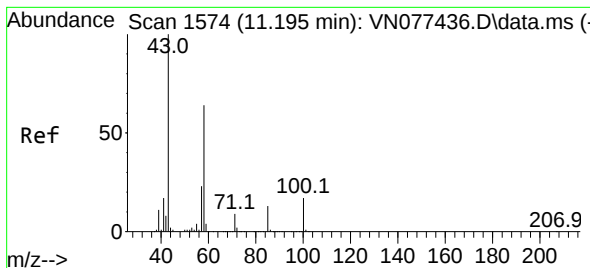
Tgt Ion: 63 Resp: 1058766

Ion Ratio Lower Upper

63 100

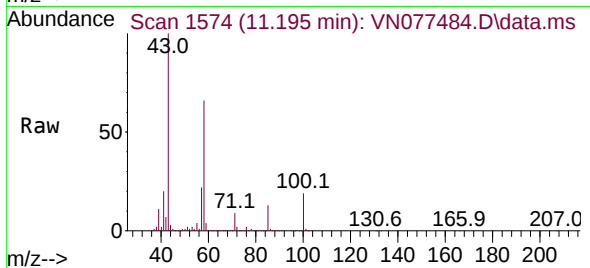
106 32.8 26.2 39.4





#59
2-Hexanone
Concen: 241.018 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

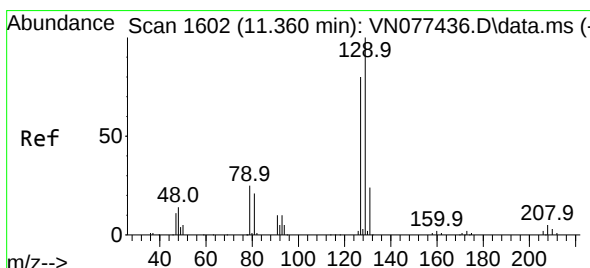
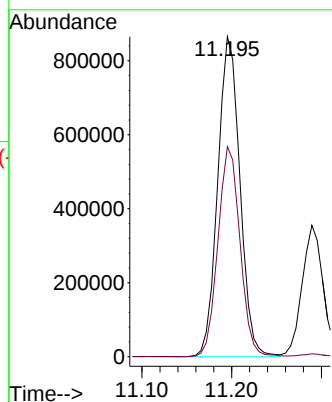
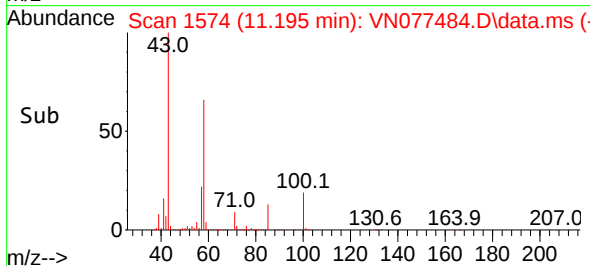
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 148438
Ion Ratio Lower Upper
43 100
58 65.3 31.7 95.1

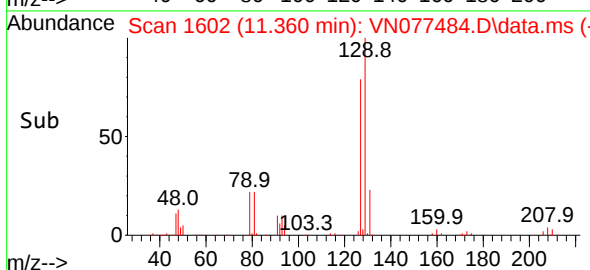
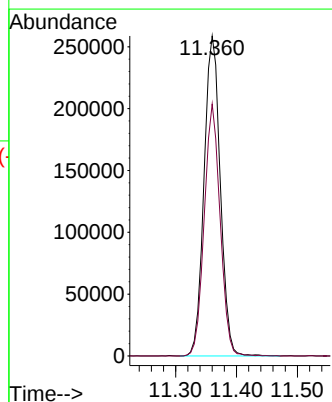
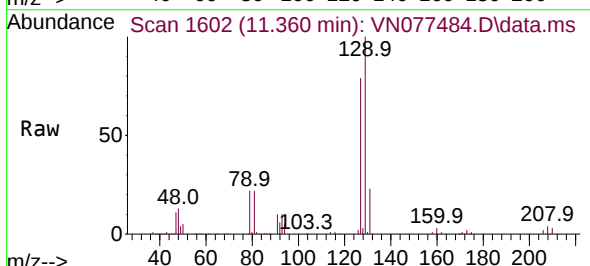
Manual Integrations
APPROVED

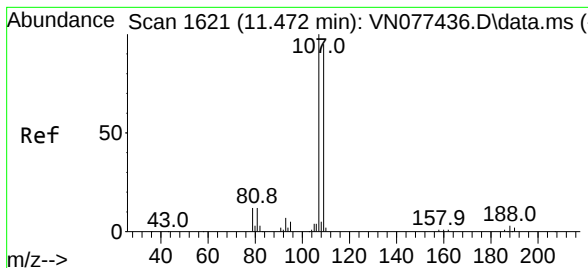
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#60
Dibromochloromethane
Concen: 52.376 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

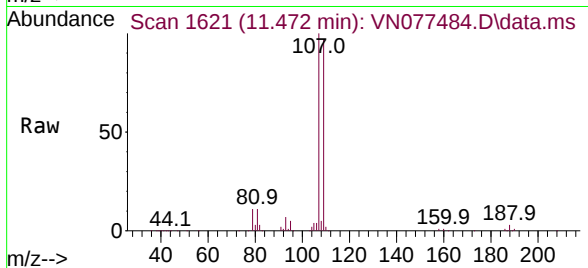
Tgt Ion:129 Resp: 479351
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.608 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

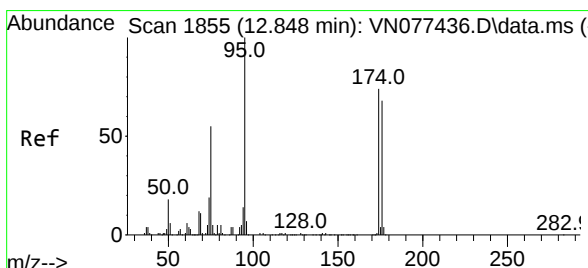
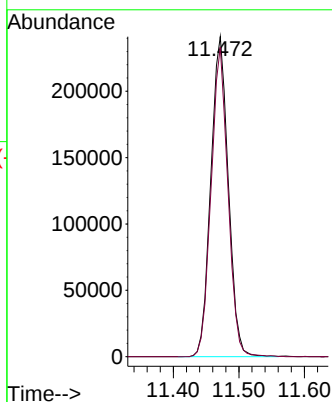
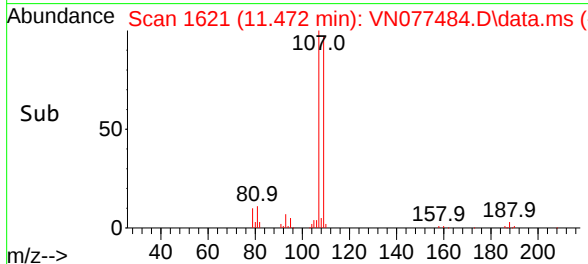
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



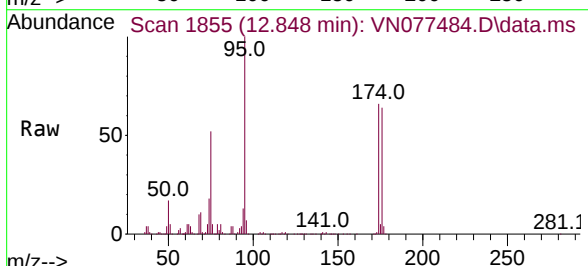
Tgt Ion:107 Resp: 446624
Ion Ratio Lower Upper
107 100
109 93.1 76.6 114.8

Manual Integrations
APPROVED

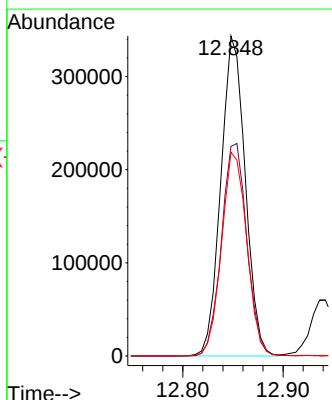
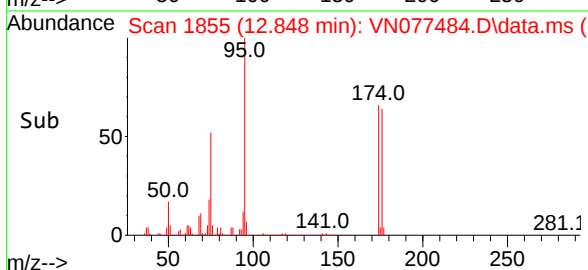
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

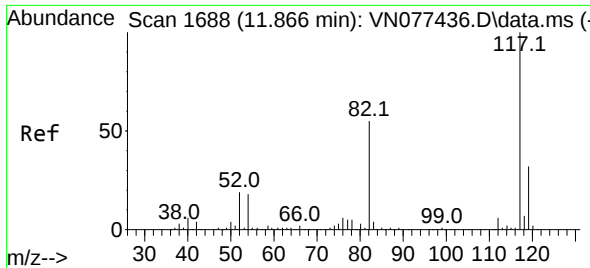


#62
4-Bromofluorobenzene
Concen: 60.938 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15



Tgt Ion: 95 Resp: 581184
Ion Ratio Lower Upper
95 100
174 69.0 0.0 143.8
176 66.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

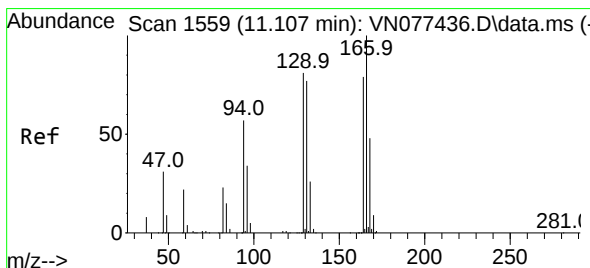
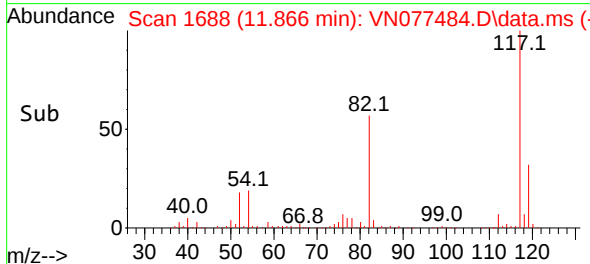
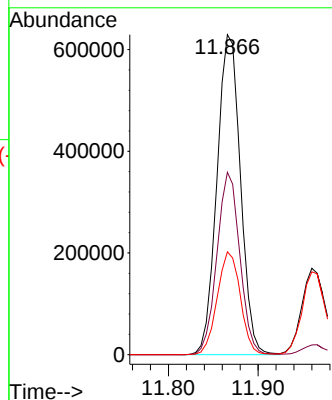
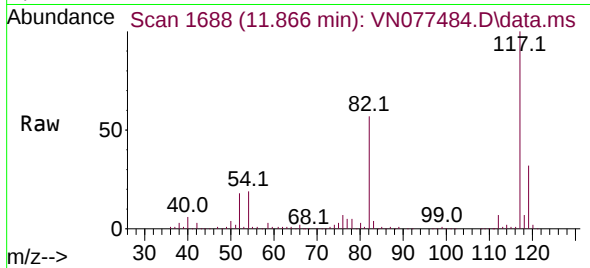
Tgt Ion:117 Resp: 1145704
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 32.2 25.6 38.4

Manual Integrations

APPROVED

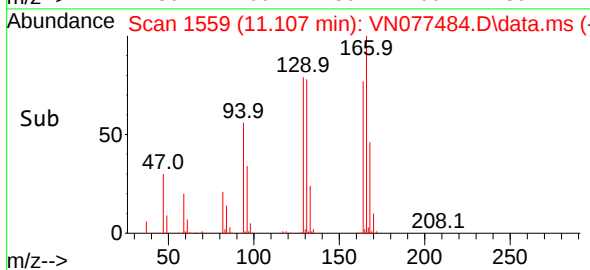
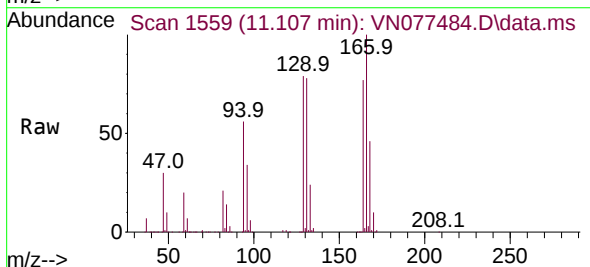
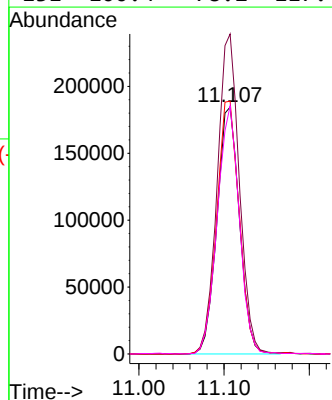
Reviewed By :John Carlone 04/28/2023

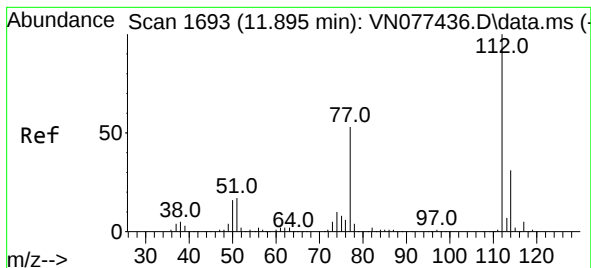
Supervised By :Mahesh Dadoda 04/28/2023



#64
Tetrachloroethene
Concen: 49.205 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

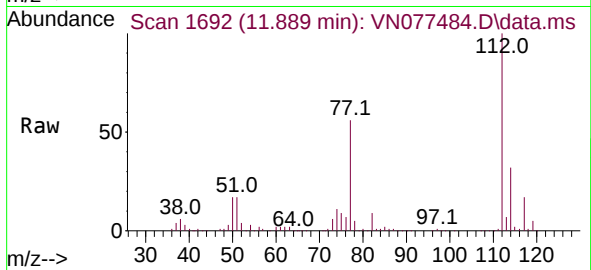
Tgt Ion:164 Resp: 337466
Ion Ratio Lower Upper
164 100
166 129.6 101.4 152.0
129 102.4 82.4 123.6
131 100.4 78.2 117.4





#65
Chlorobenzene
Concen: 49.163 ug/l
RT: 11.889 min Scan# 1119
Delta R.T. -0.006 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

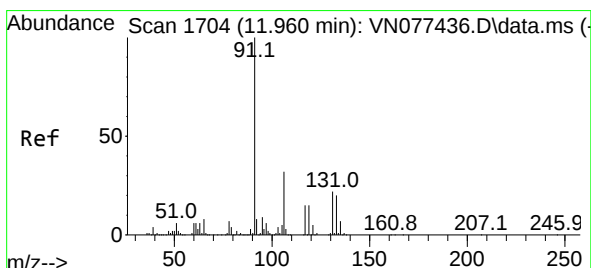
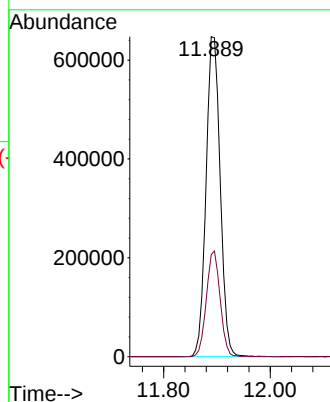
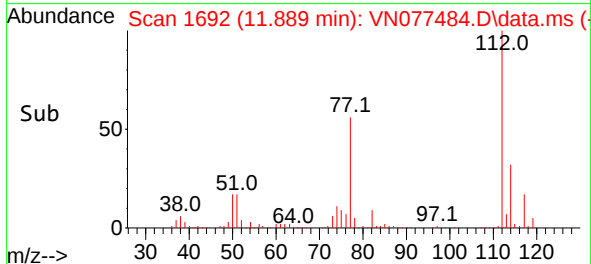
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 1191902
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4

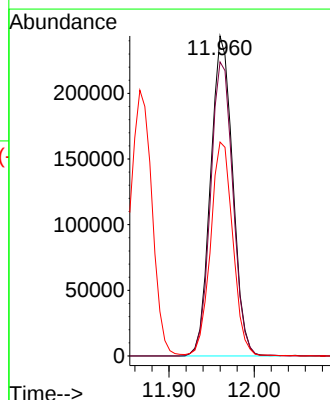
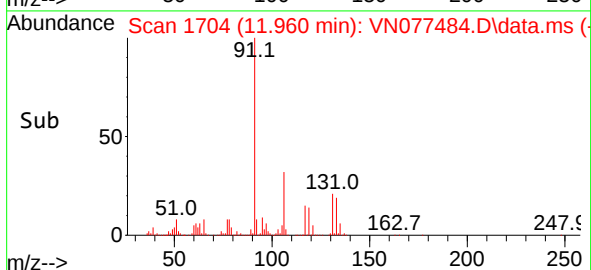
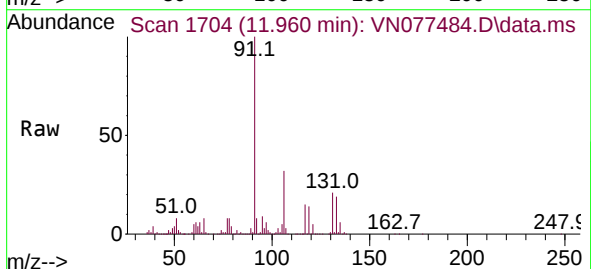
Manual Integrations
APPROVED

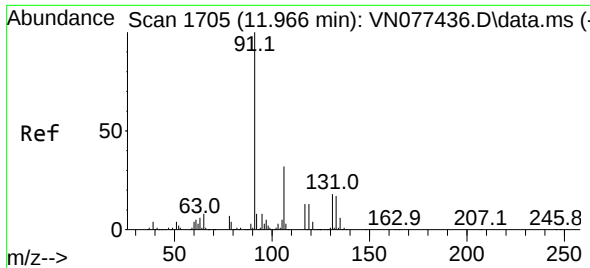
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.887 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

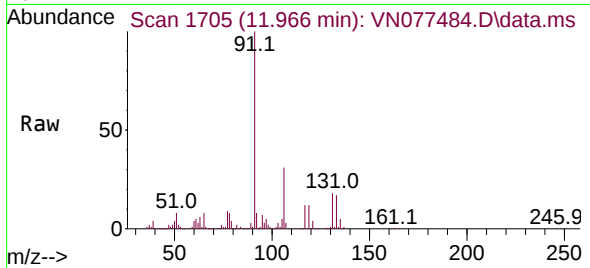
Tgt Ion:131 Resp: 440032
Ion Ratio Lower Upper
131 100
133 92.9 46.4 139.1
119 66.8 34.1 102.2





#67
Ethyl Benzene
Concen: 51.311 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

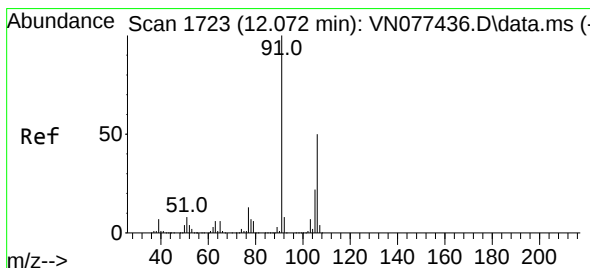
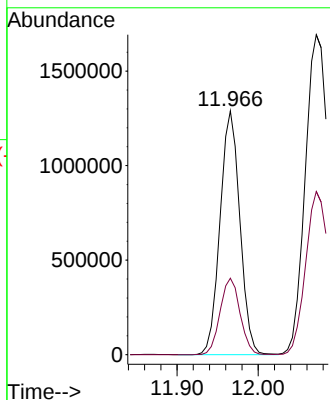
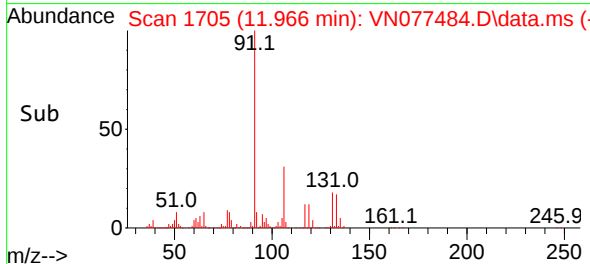
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 218988
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

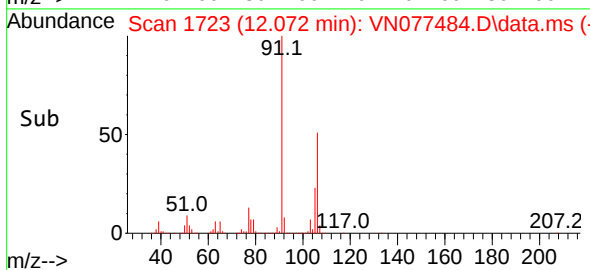
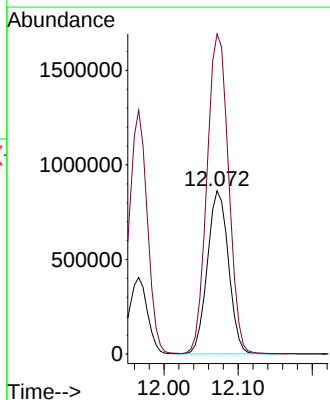
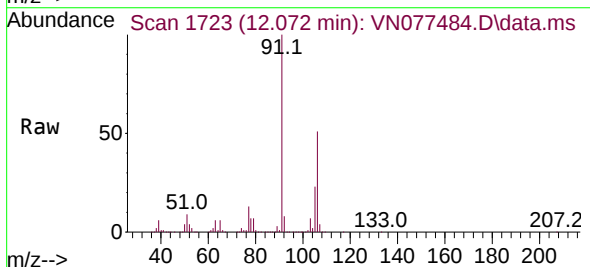
Manual Integrations
APPROVED

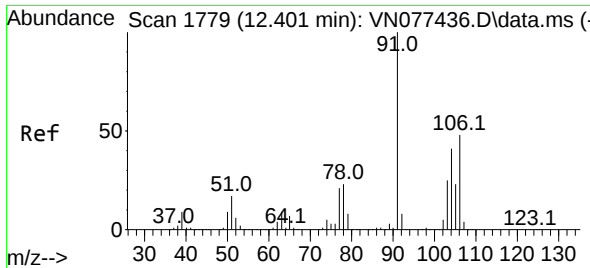
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#68
m/p-Xylenes
Concen: 103.033 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

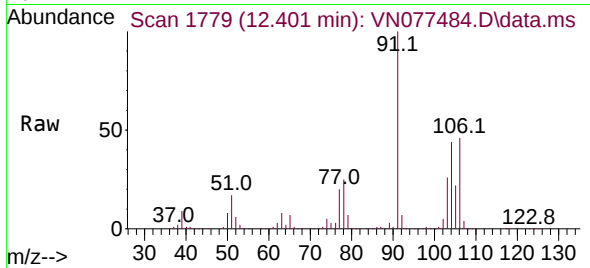
Tgt Ion:106 Resp: 1709040
Ion Ratio Lower Upper
106 100
91 200.4 159.6 239.4





#69
o-Xylene
Concen: 50.953 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

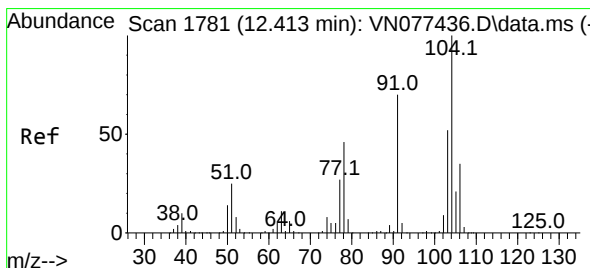
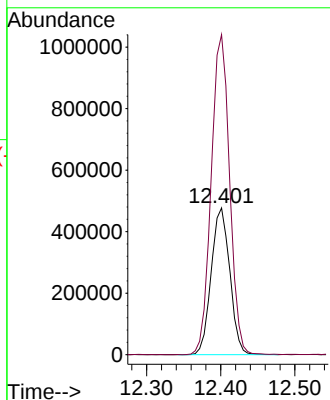
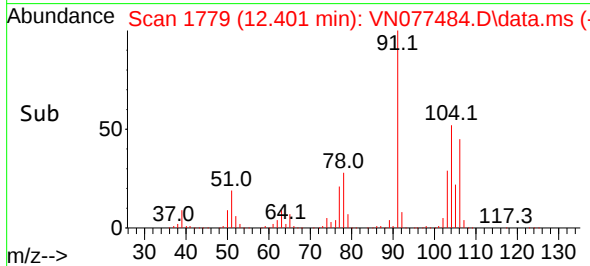
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 831310
Ion Ratio Lower Upper
106 100
91 215.8 105.2 315.5

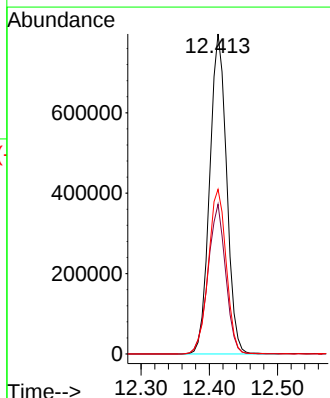
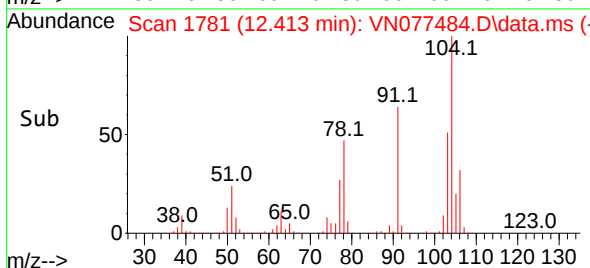
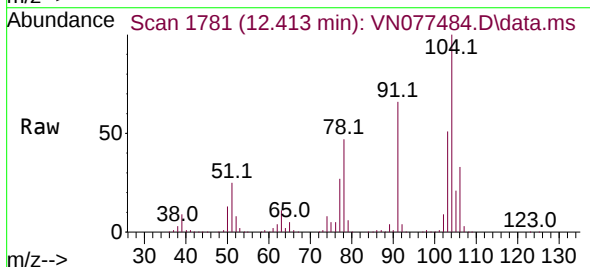
Manual Integrations
APPROVED

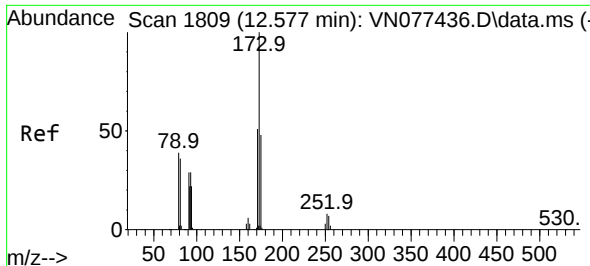
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#70
Styrene
Concen: 54.030 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

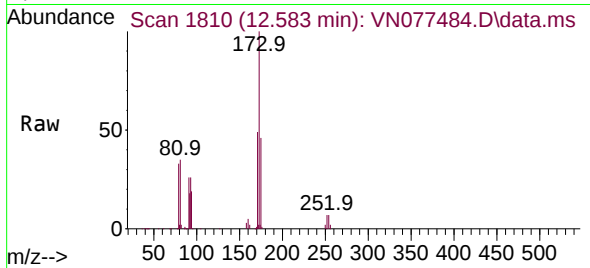
Tgt Ion:104 Resp: 1378590
Ion Ratio Lower Upper
104 100
78 48.6 39.5 59.3
103 54.3 43.2 64.8





#71
Bromoform
Concen: 52.109 ug/l
RT: 12.583 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

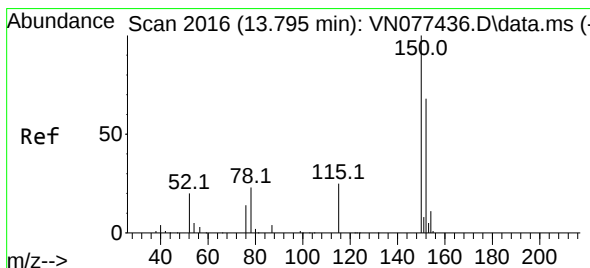
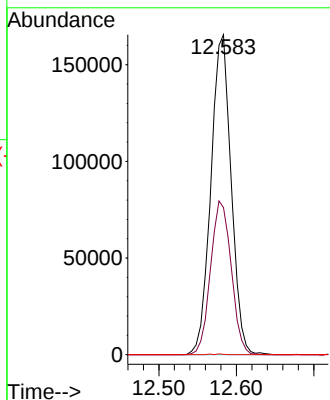
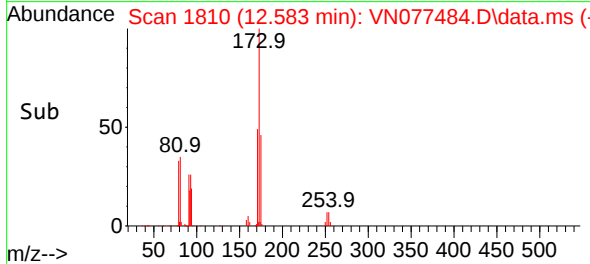
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



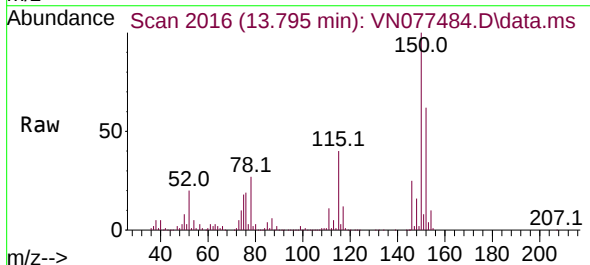
Tgt Ion:173 Resp: 300709
Ion Ratio Lower Upper
173 100
175 48.9 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

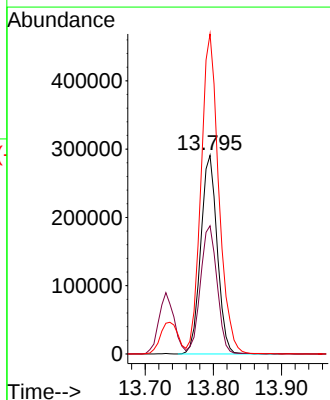
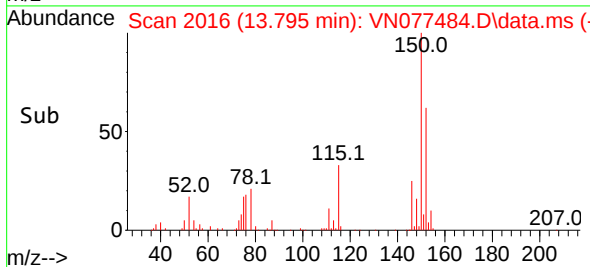
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

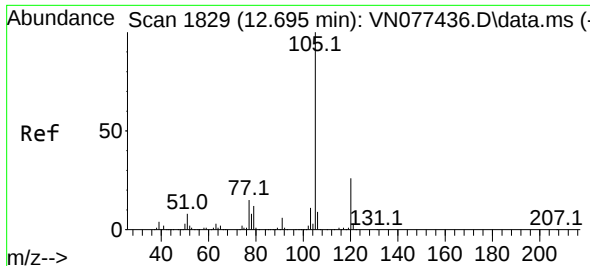


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15



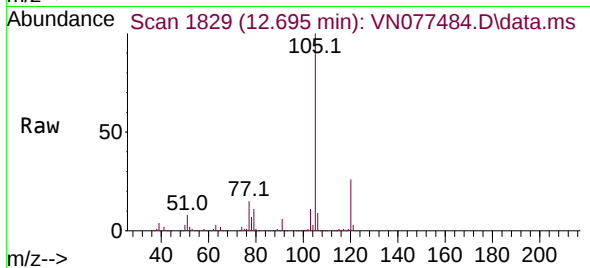
Tgt Ion:152 Resp: 487773
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 173.9 0.0 355.8





#73
Isopropylbenzene
Concen: 49.226 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

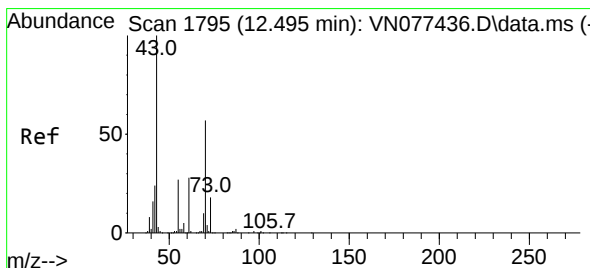
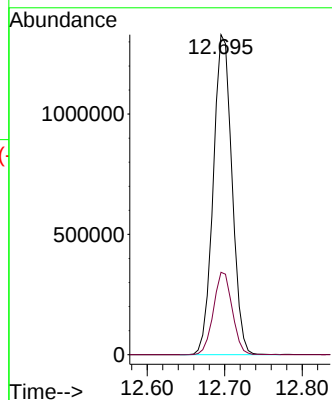
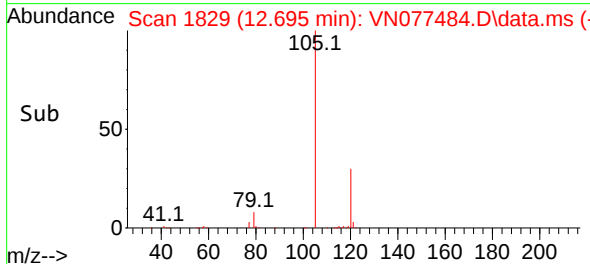
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 2228119
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

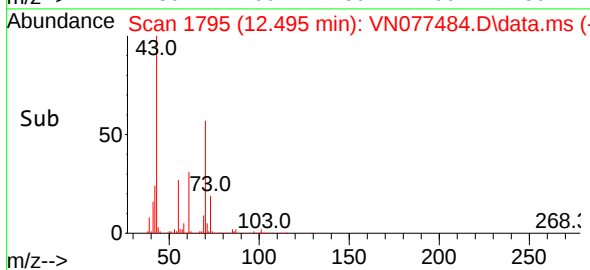
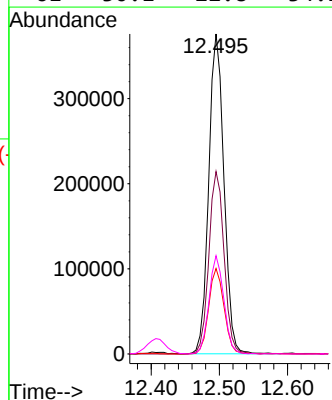
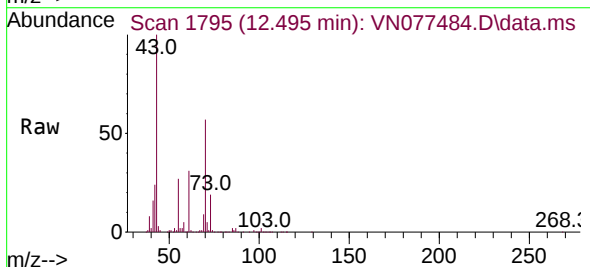
Manual Integrations
APPROVED

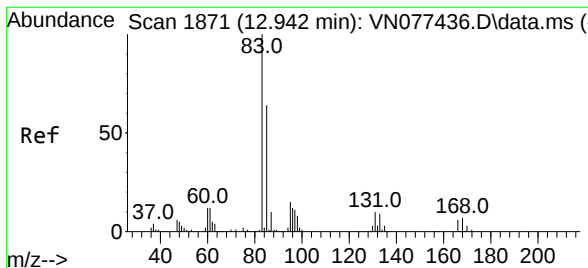
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#74
N-ethyl acetate
Concen: 43.538 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

Tgt Ion: 43 Resp: 583432
Ion Ratio Lower Upper
43 100
70 57.2 43.4 65.2
55 27.0 21.4 32.0
61 30.1 22.8 34.2





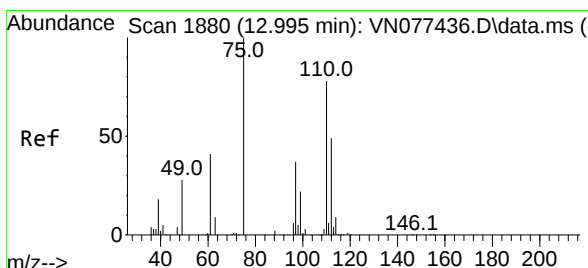
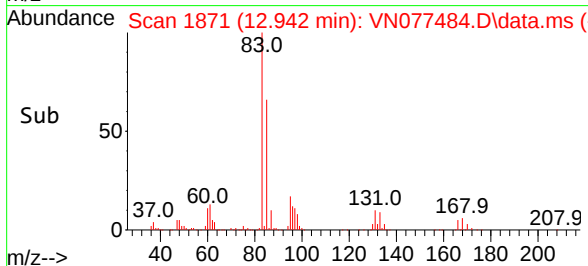
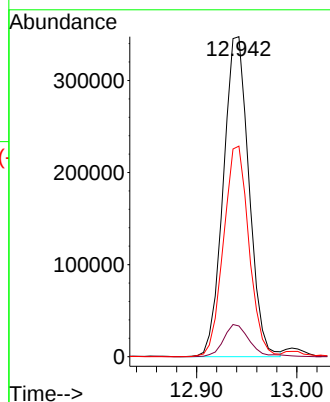
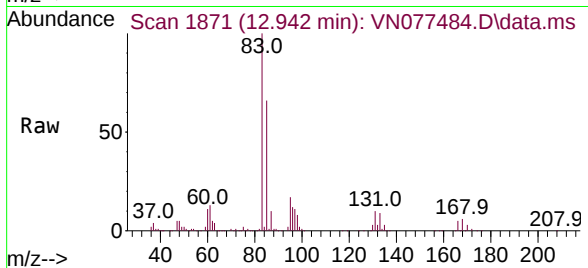
#75
1,1,2,2-Tetrachloroethane
Concen: 43.418 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 617492
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 65.2 31.9 95.7

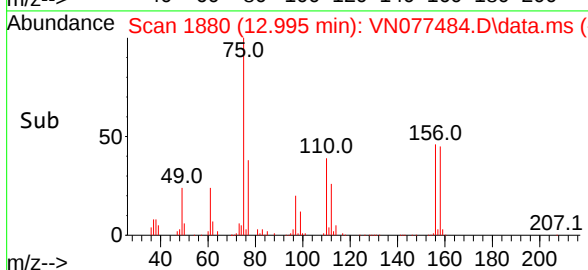
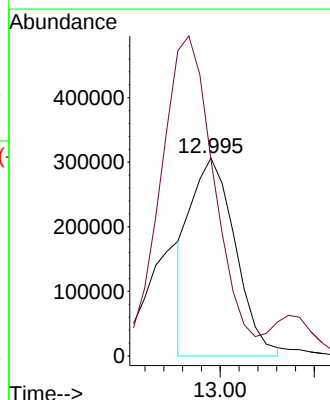
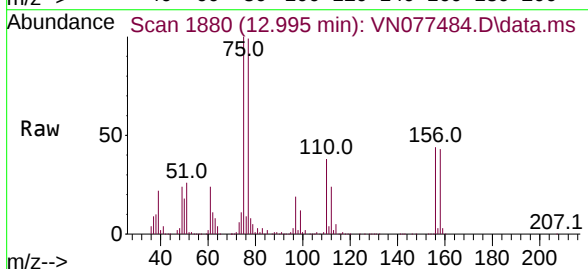
Manual Integrations
APPROVED

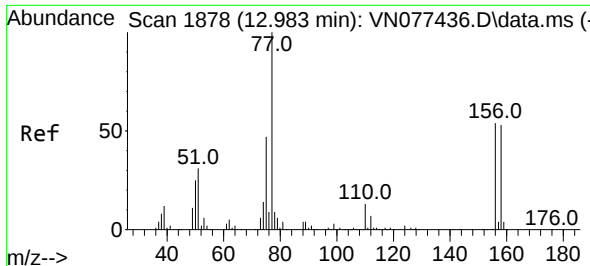
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#76
1,2,3-Trichloropropane
Concen: 44.897 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

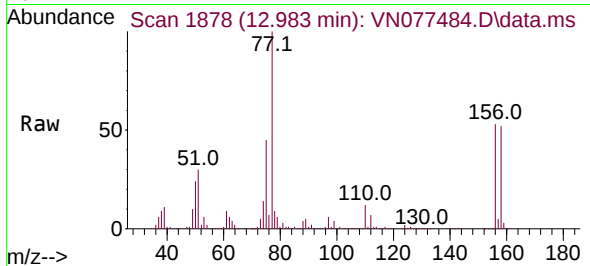
Tgt Ion: 75 Resp: 509255
Ion Ratio Lower Upper
75 100
77 194.5 84.5 253.5





#77
Bromobenzene
Concen: 45.092 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

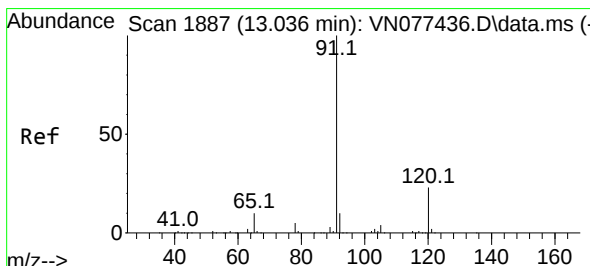
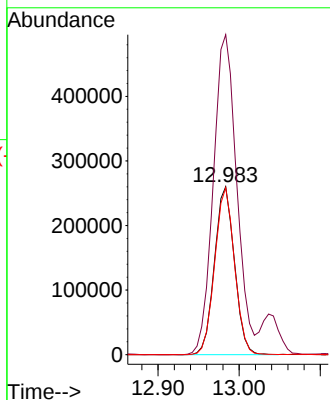
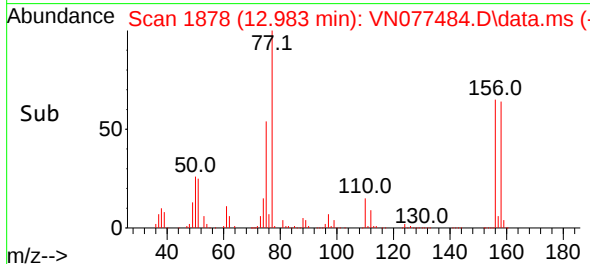
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 444822
Ion Ratio Lower Upper
156 100
77 222.6 107.7 323.3
158 98.6 48.4 145.3

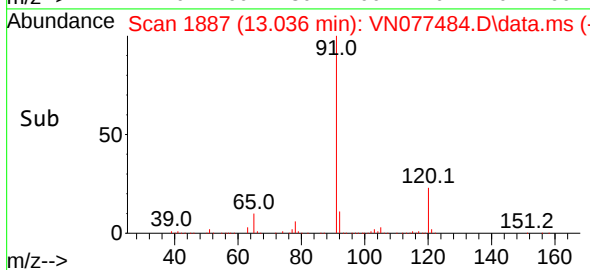
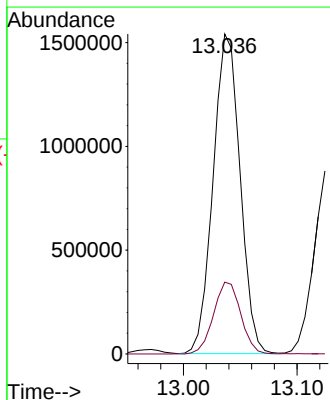
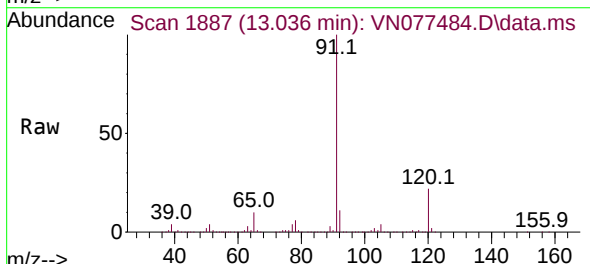
Manual Integrations
APPROVED

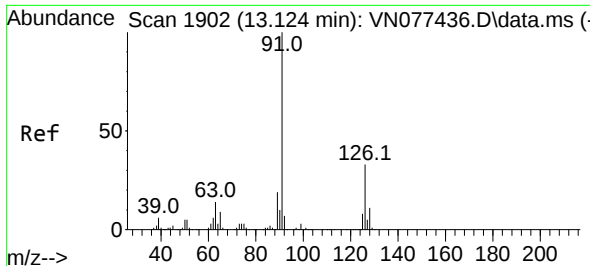
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#78
n-propylbenzene
Concen: 50.776 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

Tgt Ion: 91 Resp: 2541202
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





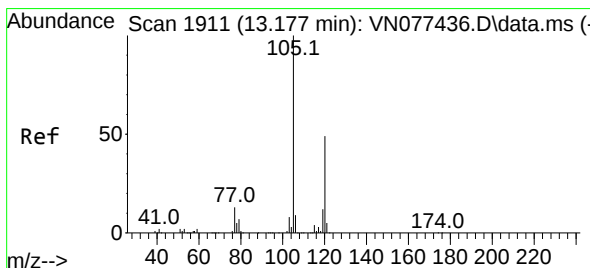
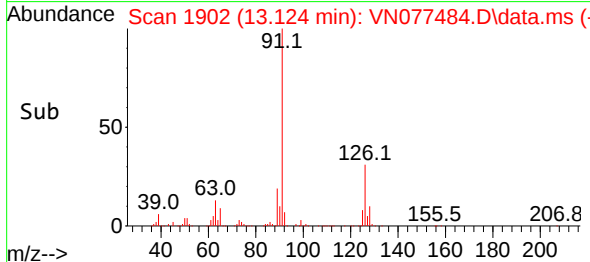
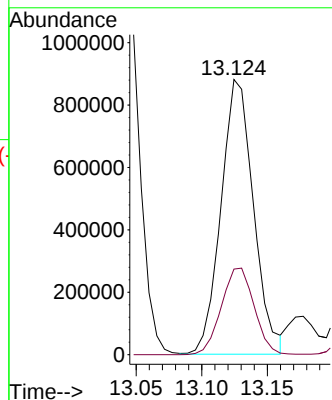
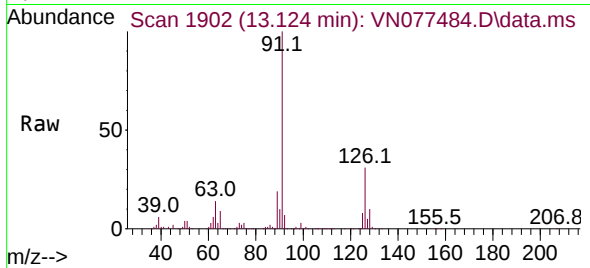
#79
2-Chlorotoluene
Concen: 49.179 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 151752
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8

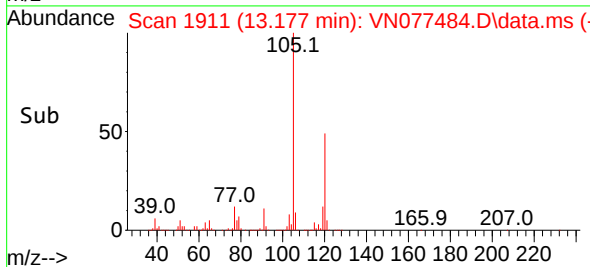
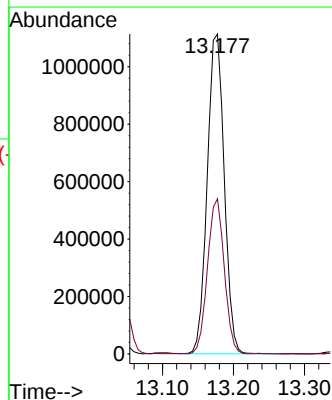
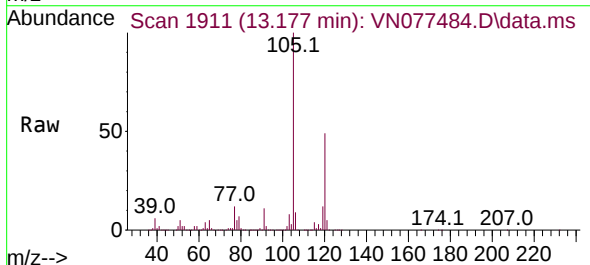
Manual Integrations
APPROVED

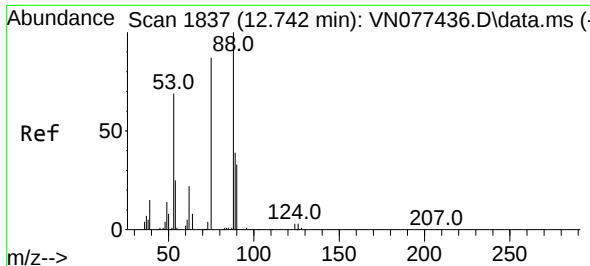
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 55.150 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

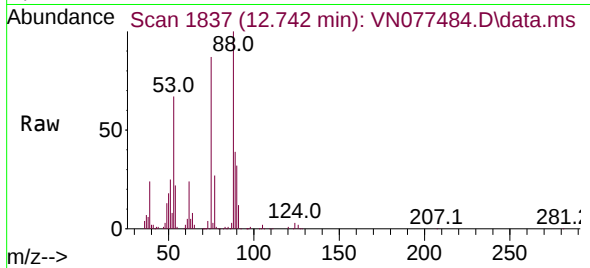
Tgt Ion:105 Resp: 1853793
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 55.894 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

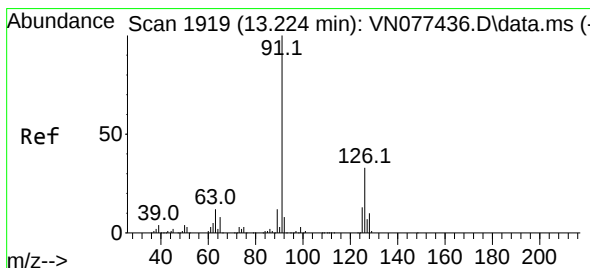
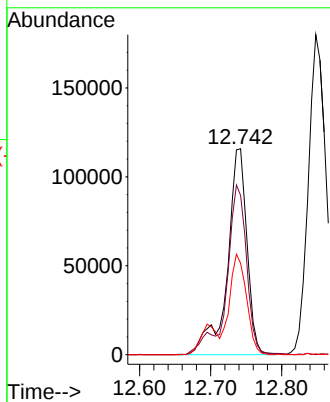
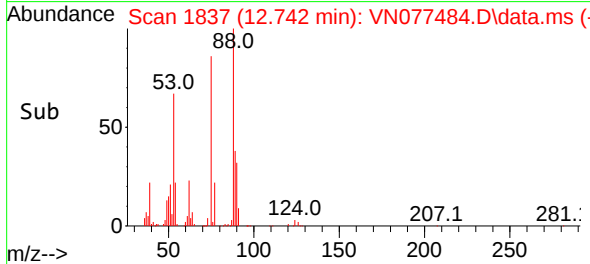
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 224405
Ion Ratio Lower Upper
75 100
53 74.1 67.4 101.2
89 41.9 38.8 58.2

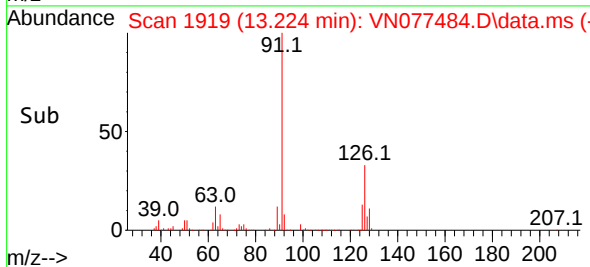
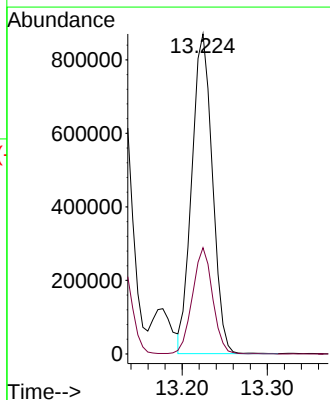
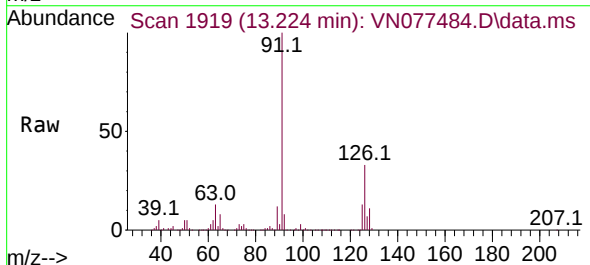
Manual Integrations
APPROVED

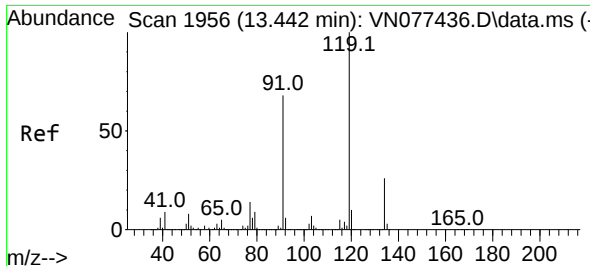
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#82
4-Chlorotoluene
Concen: 50.464 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

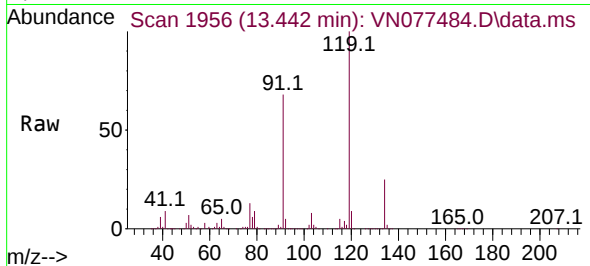
Tgt Ion: 91 Resp: 1455072
Ion Ratio Lower Upper
91 100
126 32.5 16.7 50.0





#83
tert-Butylbenzene
Concen: 48.348 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

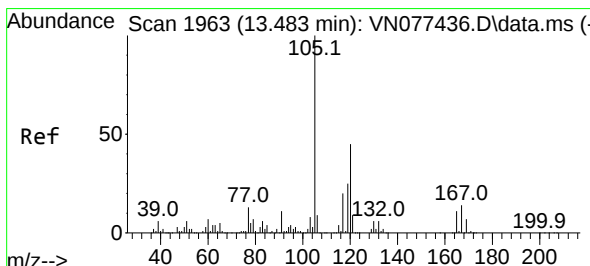
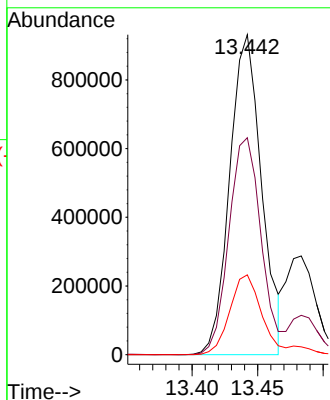
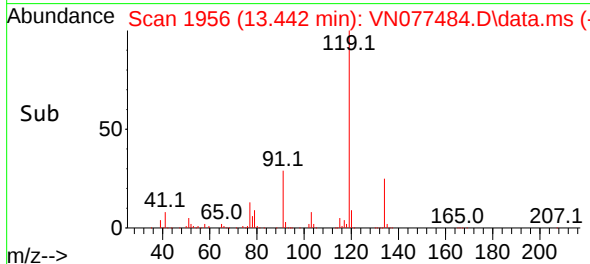
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



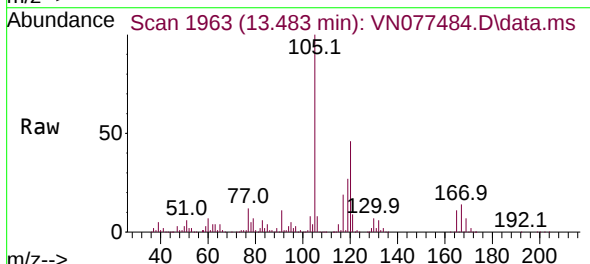
Tgt Ion:119 Resp: 1578228
Ion Ratio Lower Upper
119 100
91 69.4 33.9 101.7
134 26.6 13.2 39.6

Manual Integrations
APPROVED

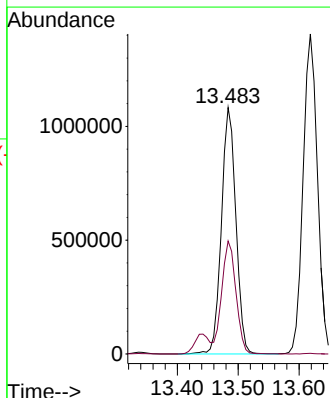
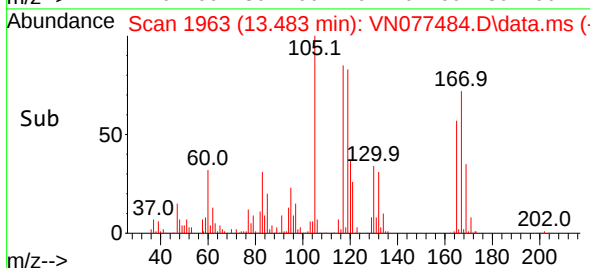
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

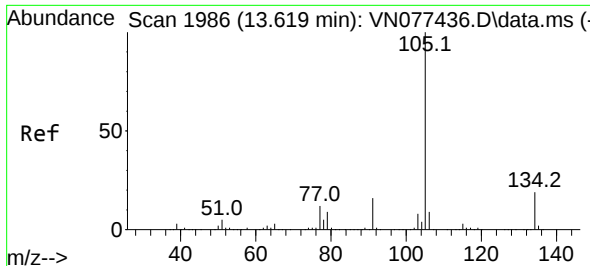


#84
1,2,4-Trimethylbenzene
Concen: 56.821 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15



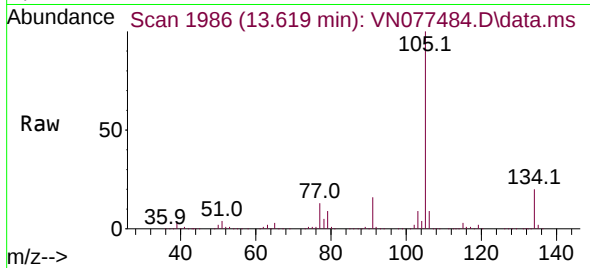
Tgt Ion:105 Resp: 1783762
Ion Ratio Lower Upper
105 100
120 45.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 51.258 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077484.D
 Acq: 27 Apr 2023 09:15

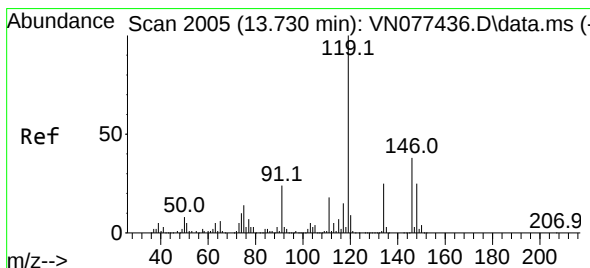
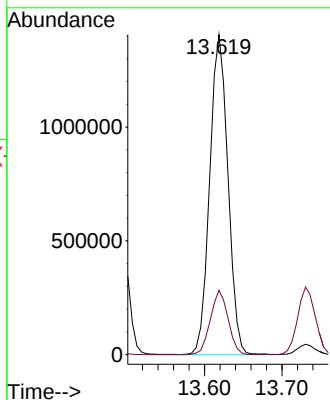
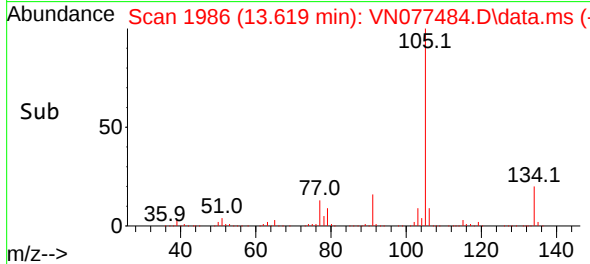
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



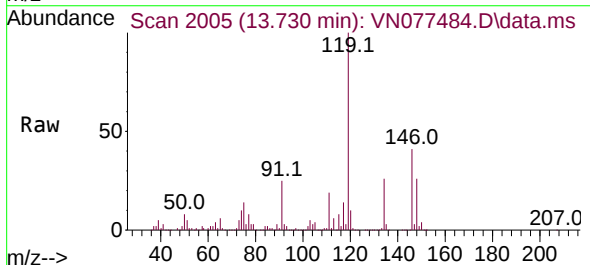
Tgt Ion:105 Resp: 229666
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

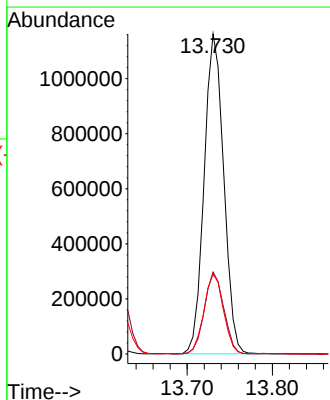
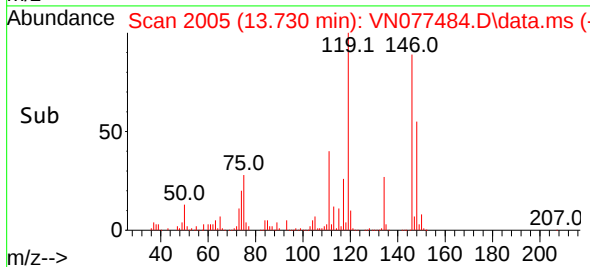
Reviewed By :John Carlone 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

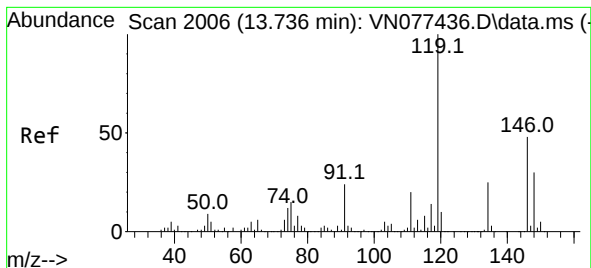


#86
 p-Isopropyltoluene
 Concen: 53.678 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077484.D
 Acq: 27 Apr 2023 09:15



Tgt Ion:119 Resp: 1850513
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.836 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077484.D

Acq: 27 Apr 2023 09:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 87430

Ion Ratio Lower Upper

146 100

111 43.4 22.1 66.3

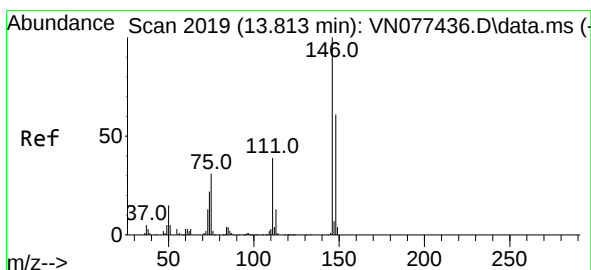
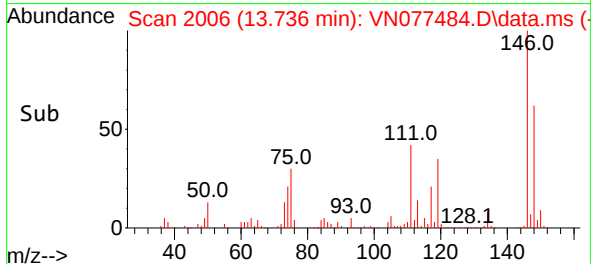
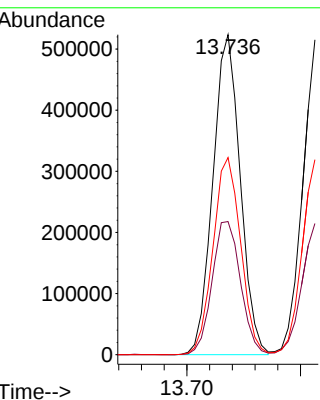
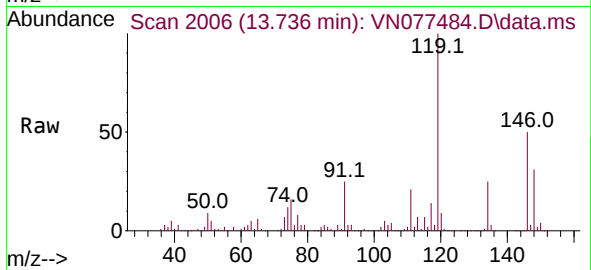
148 62.4 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#88

1,4-Dichlorobenzene

Concen: 48.953 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VN077484.D

Acq: 27 Apr 2023 09:15

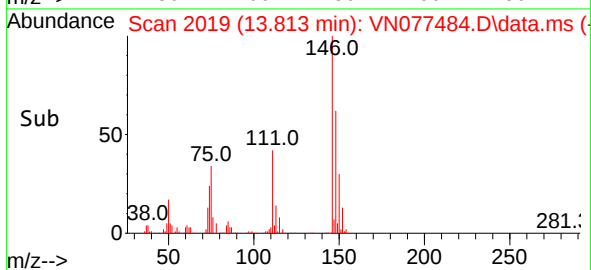
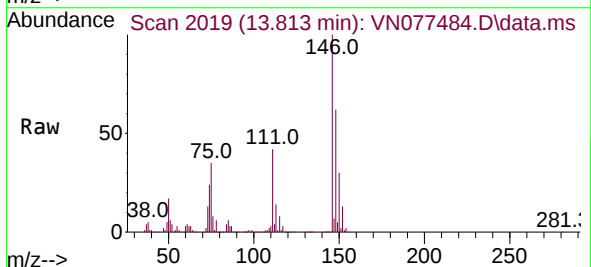
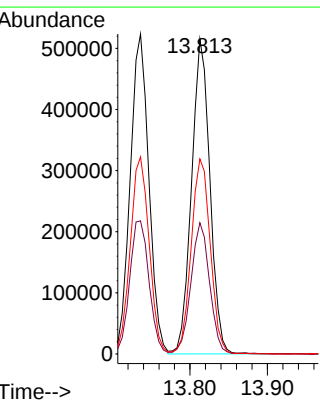
Tgt Ion:146 Resp: 847974

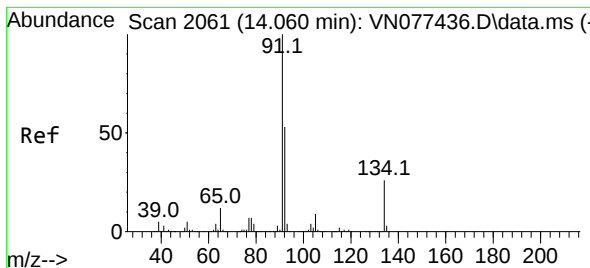
Ion Ratio Lower Upper

146 100

111 42.0 20.6 61.8

148 64.5 31.6 94.8





#89

n-Butylbenzene

Concen: 59.538 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077484.D

Acq: 27 Apr 2023 09:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1588420

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.0

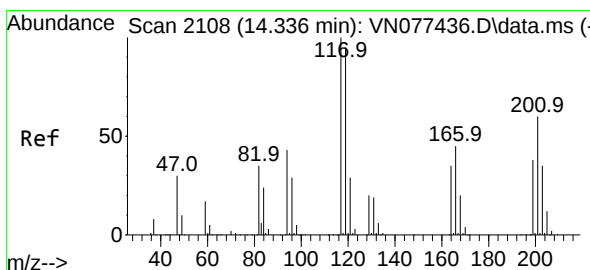
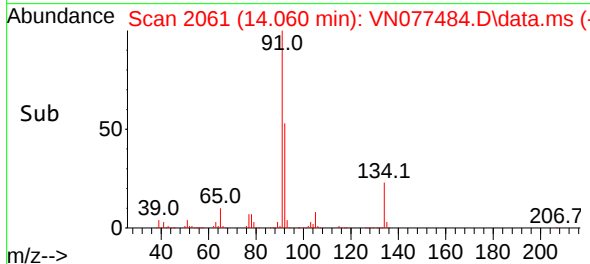
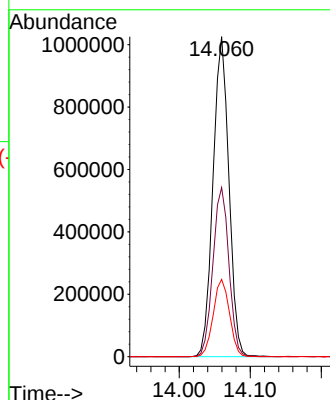
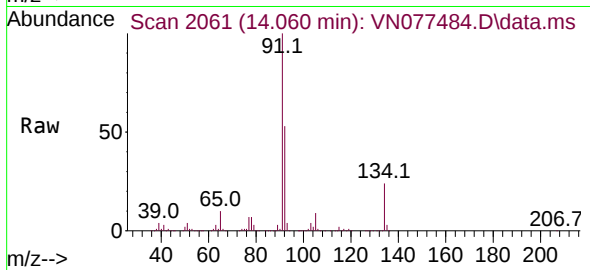
134 24.7 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#90

Hexachloroethane

Concen: 48.745 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN077484.D

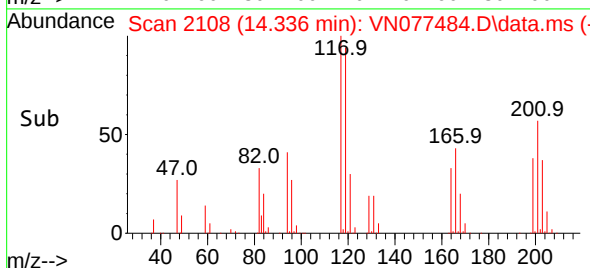
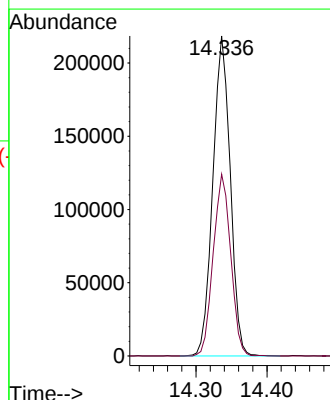
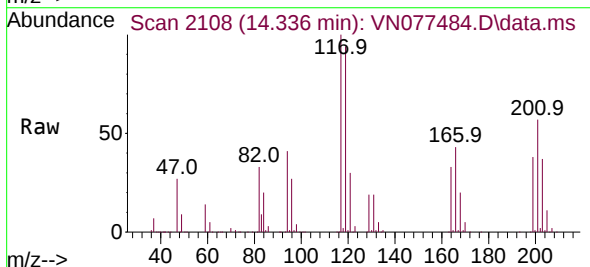
Acq: 27 Apr 2023 09:15

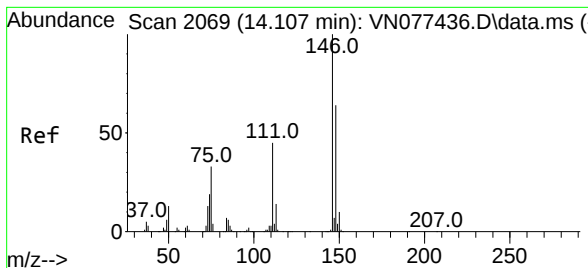
Tgt Ion:117 Resp: 371252

Ion Ratio Lower Upper

117 100

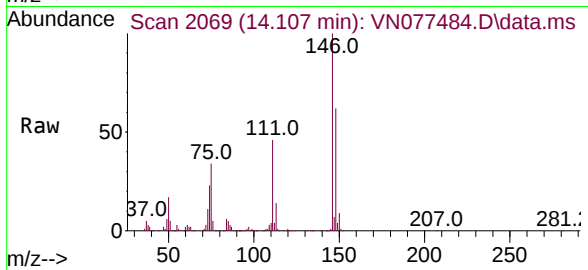
201 57.0 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 48.897 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

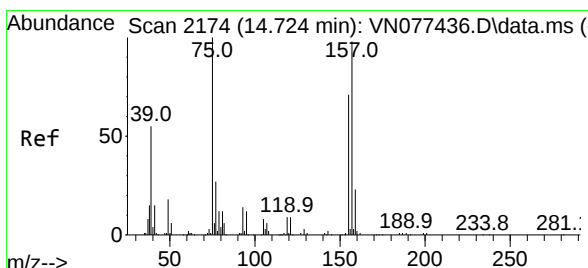
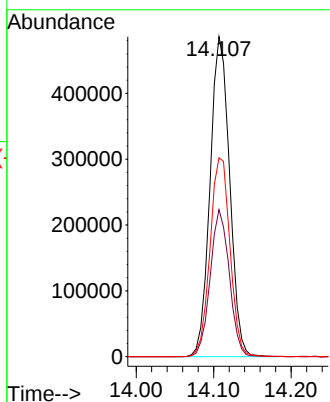
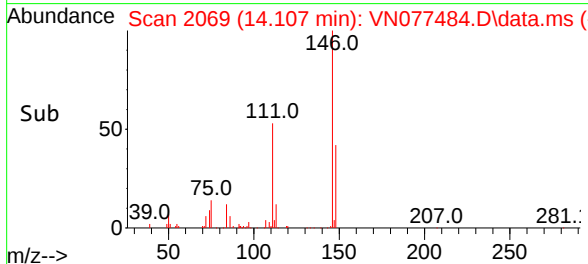
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 850819
Ion Ratio Lower Upper
146 100
111 45.0 22.0 66.0
148 63.6 31.8 95.3

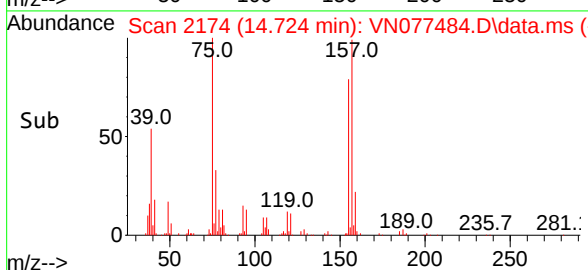
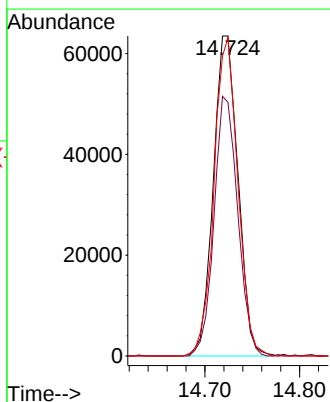
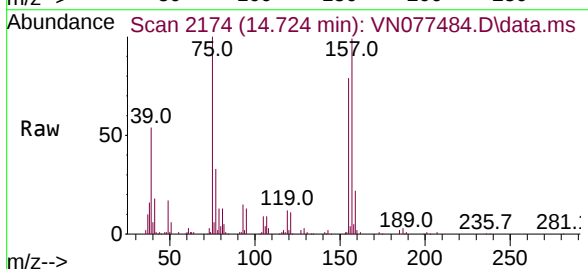
Manual Integrations
APPROVED

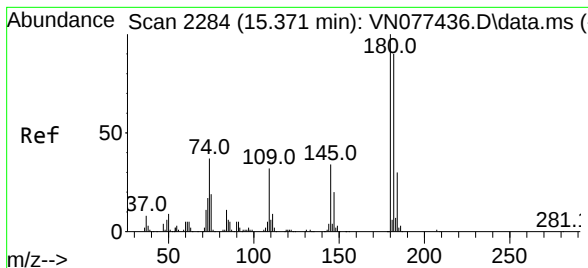
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.692 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

Tgt Ion: 75 Resp: 114906
Ion Ratio Lower Upper
75 100
155 78.2 39.1 117.2
157 96.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 49.452 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077484.D

Acq: 27 Apr 2023 09:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 27529

Ion Ratio Lower Upper

180 100

182 94.8 46.1 138.2

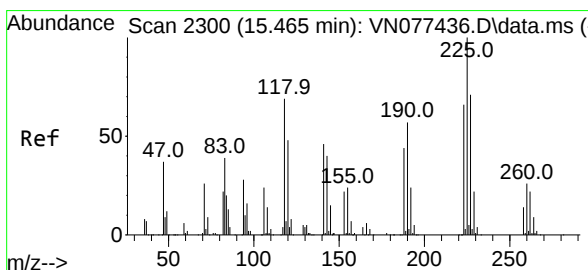
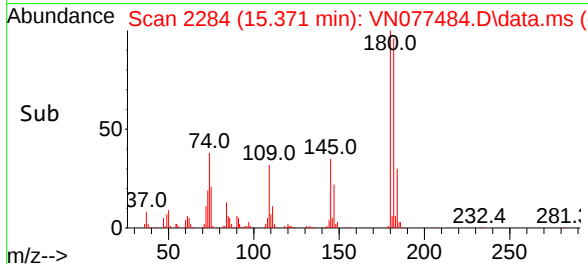
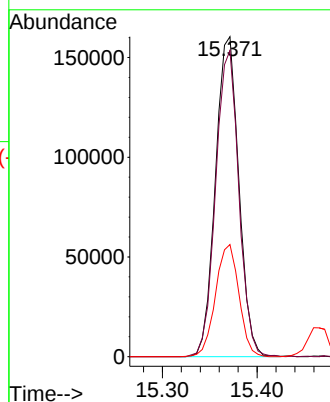
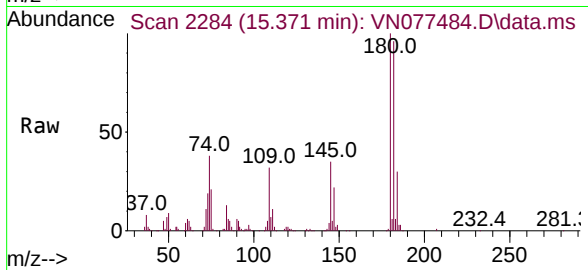
145 35.2 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#94

Hexachlorobutadiene

Concen: 52.361 ug/l

RT: 15.466 min Scan# 2300

Delta R.T. 0.001 min

Lab File: VN077484.D

Acq: 27 Apr 2023 09:15

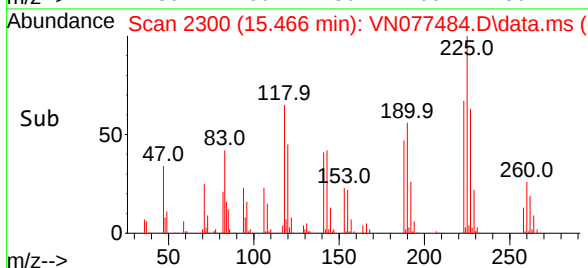
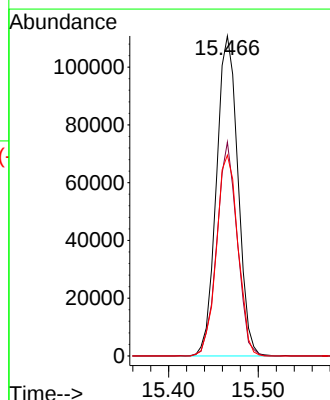
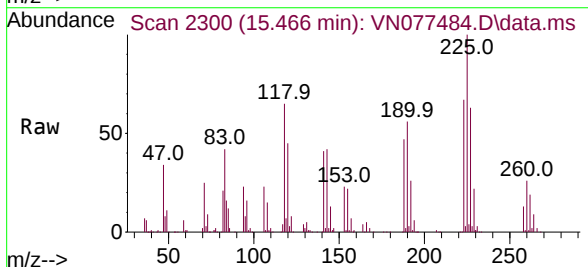
Tgt Ion:225 Resp: 184113

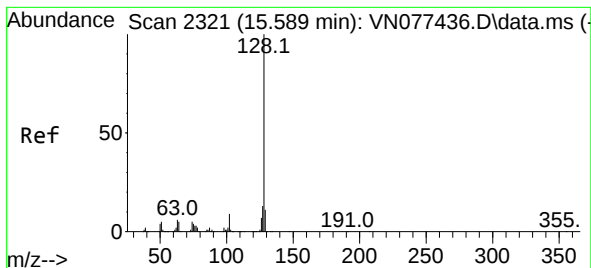
Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.8

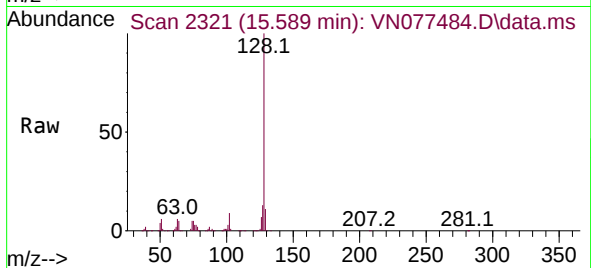
227 62.9 31.9 95.9





#95
Naphthalene
Concen: 48.202 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15

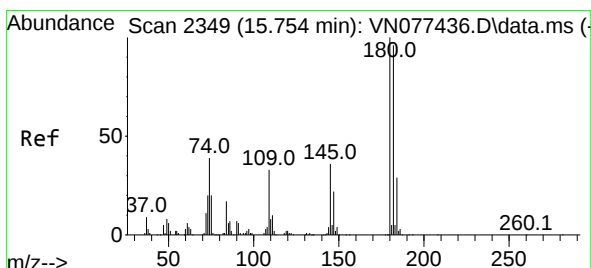
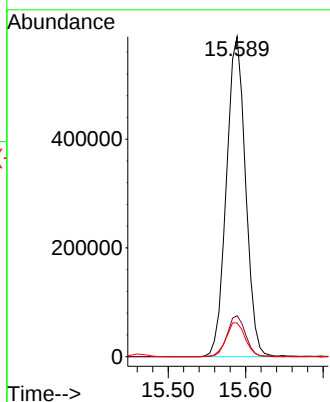
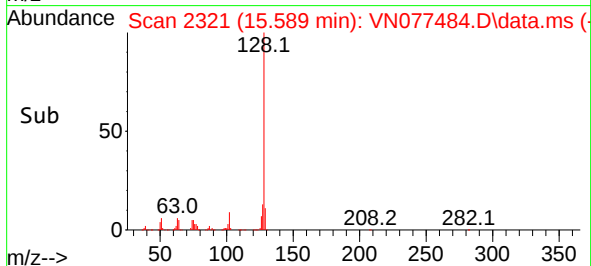
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



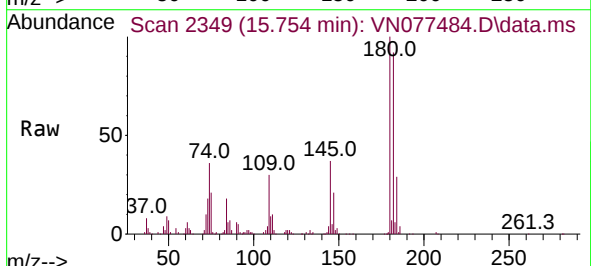
Tgt Ion:128 Resp: 1008690
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.927 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077484.D
Acq: 27 Apr 2023 09:15



Tgt Ion:180 Resp: 253811
Ion Ratio Lower Upper
180 100
182 93.3 46.2 138.6
145 36.1 17.5 52.6

