

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033123\
 Data File : VN077247.D
 Acq On : 31 Mar 2023 11:33
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 31 23:20:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 22:50:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	596957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	910962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	810817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	373483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	132567	21.571	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	43.140%#		
35) Dibromofluoromethane	8.172	113	114957	21.454	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	42.900%#		
50) Toluene-d8	10.566	98	436656	21.480	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	42.960%#		
62) 4-Bromofluorobenzene	12.848	95	143727	21.358	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	42.720%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	59779	19.595	ug/l	98
3) Chloromethane	2.372	50	69639	17.689	ug/l	98
4) Vinyl Chloride	2.525	62	81233	18.933	ug/l	93
5) Bromomethane	2.972	94	58438	18.945	ug/l	89
6) Chloroethane	3.131	64	71852	20.028	ug/l	100
7) Trichlorofluoromethane	3.513	101	190665	19.616	ug/l	99
8) Diethyl Ether	3.972	74	73919	19.747	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	117034	20.167	ug/l	98
10) Methyl Iodide	4.601	142	144911	20.364	ug/l	99
11) Tert butyl alcohol	5.525	59	99362	99.646	ug/l	99
12) 1,1-Dichloroethene	4.354	96	104864	19.541	ug/l	99
13) Acrolein	4.190	56	92715	87.625	ug/l	99
14) Allyl chloride	5.037	41	185449	19.938	ug/l	98
15) Acrylonitrile	5.725	53	333951	101.854	ug/l	99
16) Acetone	4.437	43	300960	98.492	ug/l	96
17) Carbon Disulfide	4.719	76	268389	18.786	ug/l	99
18) Methyl Acetate	5.037	43	218233	18.990	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	365883	20.375	ug/l	100
20) Methylene Chloride	5.290	84	130870	19.133	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	116418	19.840	ug/l	96
22) Diisopropyl ether	6.678	45	407450	20.714	ug/l	97
23) Vinyl Acetate	6.613	43	1221560	103.490	ug/l	98
24) 1,1-Dichloroethane	6.578	63	228151	19.745	ug/l	98
25) 2-Butanone	7.489	43	439158	101.103	ug/l	99
26) 2,2-Dichloropropane	7.495	77	172306	20.156	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	137765	19.631	ug/l	99
28) Bromochloromethane	7.819	49	96766	19.191	ug/l	99
29) Tetrahydrofuran	7.842	42	288705	105.712	ug/l	99
30) Chloroform	7.972	83	224373	19.713	ug/l	98
31) Cyclohexane	8.260	56	209063	19.287	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	189308	19.716	ug/l	98
36) 1,1-Dichloropropene	8.378	75	162648	19.709	ug/l	98
37) Ethyl Acetate	7.566	43	175644	21.214	ug/l	98
38) Carbon Tetrachloride	8.366	117	167865	19.837	ug/l	98
39) Methylcyclohexane	9.601	83	204918	20.246	ug/l	94
40) Benzene	8.613	78	521555	20.130	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	90953m	19.621	ug/l	
42) 1,2-Dichloroethane	8.672	62	173236	20.434	ug/l	99
43) Isopropyl Acetate	8.689	43	265485	20.440	ug/l	98
44) Trichloroethene	9.354	130	131856	19.669	ug/l	97
45) 1,2-Dichloropropane	9.625	63	136085	19.744	ug/l	98
46) Dibromomethane	9.713	93	87733	20.022	ug/l	98
47) Bromodichloromethane	9.889	83	175030	20.287	ug/l	95
48) Methyl methacrylate	9.683	41	127822	20.403	ug/l	98
49) 1,4-Dioxane	9.701	88	50879	426.906	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	863968	105.055	ug/l	99
52) Toluene	10.630	92	321250	20.498	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	177587	20.868	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	203976	20.632	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	127463	19.662	ug/l	98
56) Ethyl methacrylate	10.878	69	188771	21.035	ug/l	98
57) 1,3-Dichloropropane	11.166	76	223449	20.291	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	317554	102.366	ug/l	100
59) 2-Hexanone	11.195	43	629863	105.535	ug/l	98
60) Dibromochloromethane	11.360	129	134797	20.013	ug/l	98
61) 1,2-Dibromoethane	11.472	107	127347	20.233	ug/l	100
64) Tetrachloroethene	11.107	164	115620	19.475	ug/l	96
65) Chlorobenzene	11.895	112	340923	19.916	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	129868	19.796	ug/l	98
67) Ethyl Benzene	11.966	91	594793	20.609	ug/l	98
68) m/p-Xylenes	12.072	106	465220	41.445	ug/l	100
69) o-Xylene	12.401	106	225121	20.798	ug/l	98
70) Styrene	12.413	104	363794	21.110	ug/l	100
71) Bromoform	12.577	173	102974	19.997	ug/l #	100
73) Isopropylbenzene	12.701	105	581767	20.889	ug/l	100
74) N-amyl acetate	12.495	43	214411	20.882	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	189816	19.597	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	162084m	20.601	ug/l	
77) Bromobenzene	12.983	156	147561	19.786	ug/l	99
78) n-propylbenzene	13.036	91	651523	21.213	ug/l	99
79) 2-Chlorotoluene	13.130	91	406915	20.597	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	482052	21.533	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	60848	23.423	ug/l	91
82) 4-Chlorotoluene	13.224	91	385122	20.746	ug/l	100
83) tert-Butylbenzene	13.442	119	430697	21.116	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	481604	22.028	ug/l	100
85) sec-Butylbenzene	13.619	105	587563	21.336	ug/l	99
86) p-Isopropyltoluene	13.730	119	486300	21.651	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	264280	20.197	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	257897	19.976	ug/l	99
89) n-Butylbenzene	14.060	91	373796	20.778	ug/l	99
90) Hexachloroethane	14.336	117	90492	19.367	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	263479	20.501	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	32720	20.221	ug/l	100
93) 1,2,4-Trichlorobenzene	15.371	180	107464	21.489	ug/l	98
94) Hexachlorobutadiene	15.465	225	84499	19.751	ug/l	98
95) Naphthalene	15.589	128	307083	23.097	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	106263	21.638	ug/l	100

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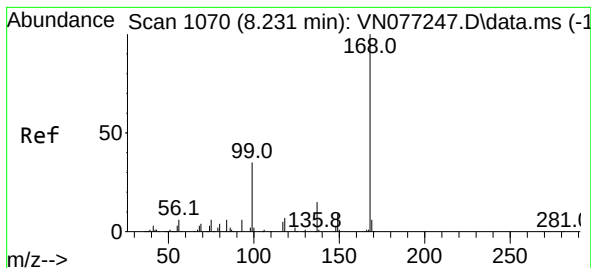
Manual Integrations
APPROVED

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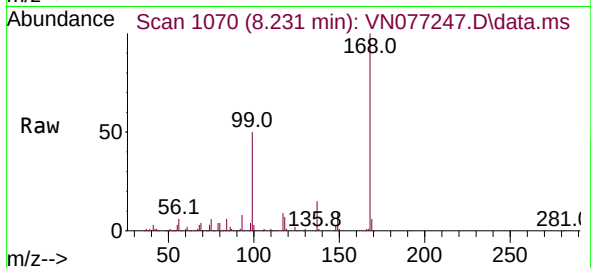
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. 0.001 min
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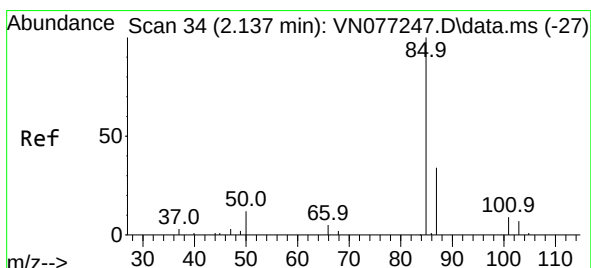
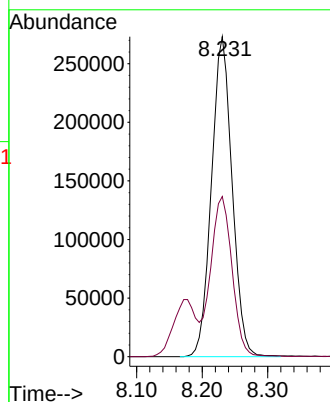
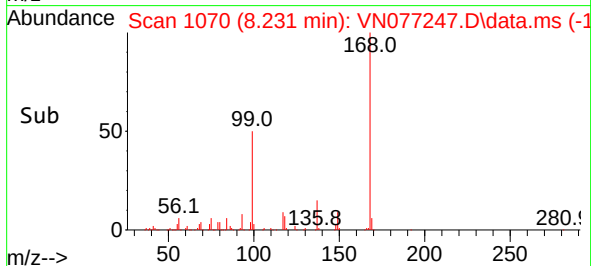
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 59695
Ion Ratio Lower Upper
168 100
99 49.8 41.8 62.8

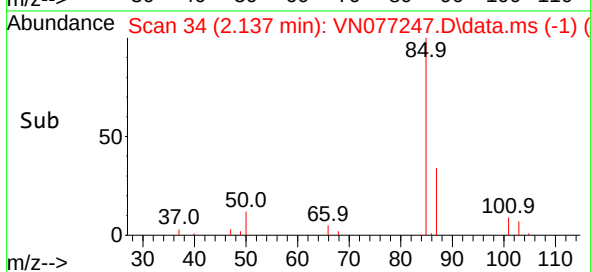
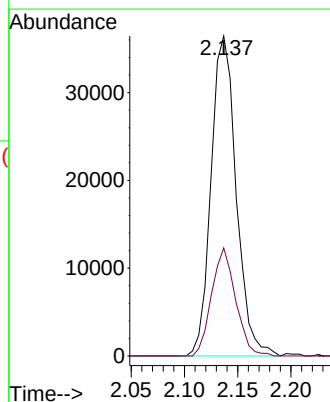
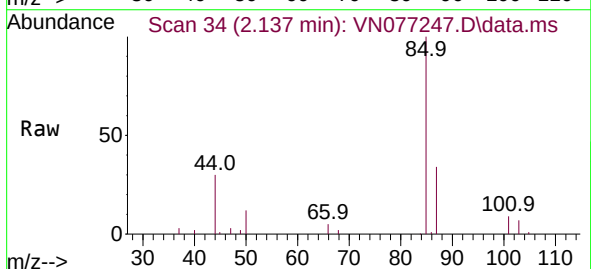
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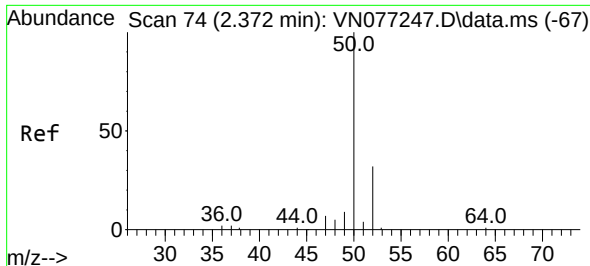
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#2
Dichlorodifluoromethane
Concen: 19.595 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Tgt Ion: 85 Resp: 59779
Ion Ratio Lower Upper
85 100
87 33.7 16.3 48.8





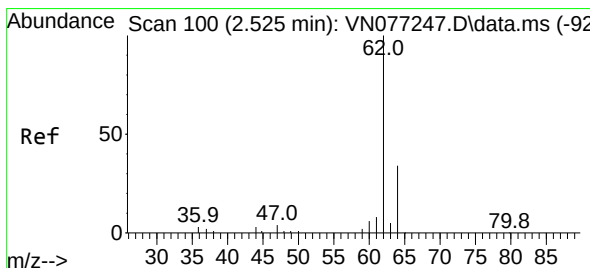
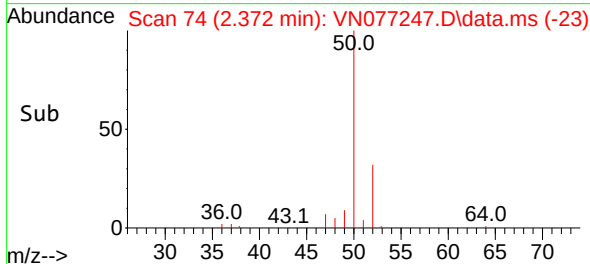
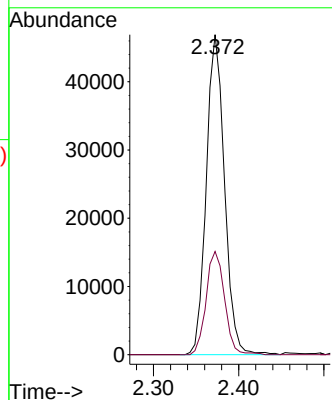
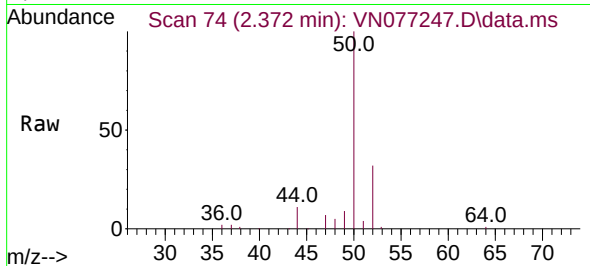
#3
Chloromethane
Concen: 17.689 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077247.D
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Tgt Ion: 50 Resp: 69639
Ion Ratio Lower Upper
50 100
52 32.3 26.9 40.3

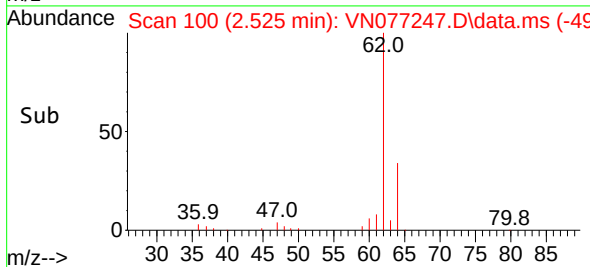
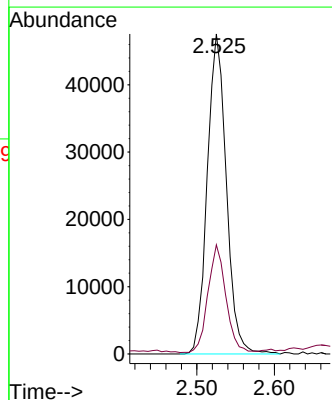
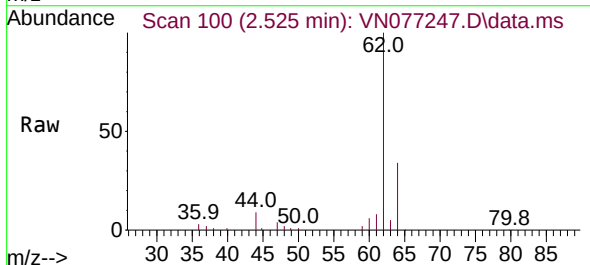
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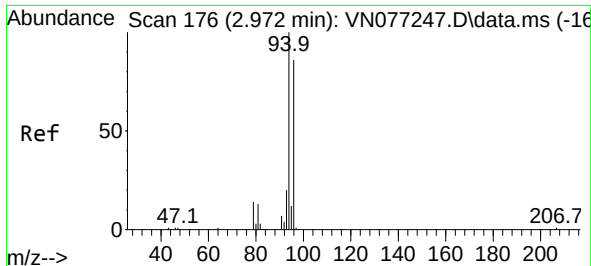
Reviewed By :John Carlone 04/03/2023
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#4
Vinyl Chloride
Concen: 18.933 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077247.D
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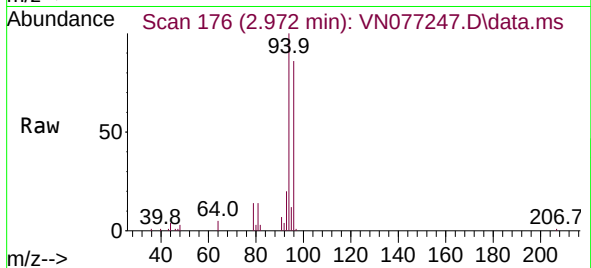
Tgt Ion: 62 Resp: 81233
Ion Ratio Lower Upper
62 100
64 33.7 23.9 35.9





#5
Bromomethane
Concen: 18.945 ug/l
RT: 2.972 min Scan# 176
Delta R.T. 0.024 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

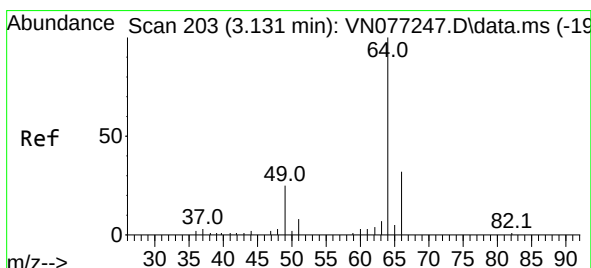
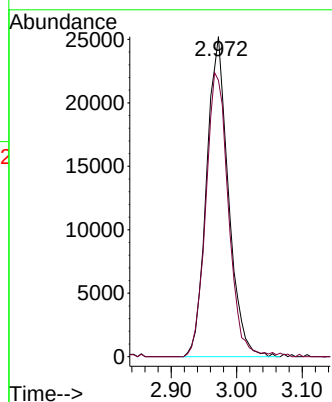
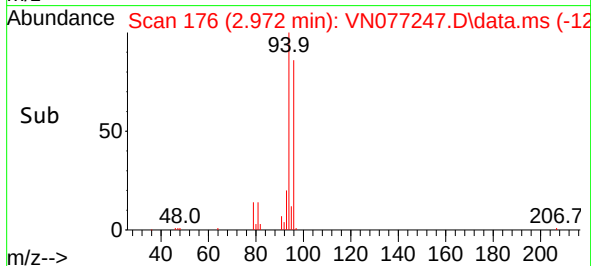
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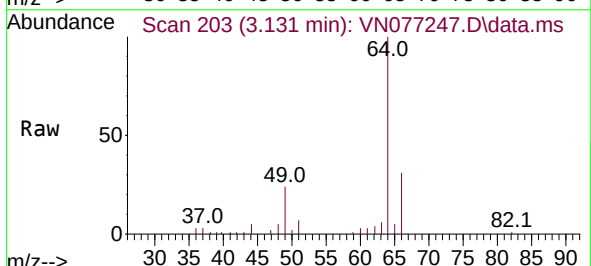
Tgt Ion: 94 Resp: 58438
Ion Ratio Lower Upper
94 100
96 86.4 78.1 117.1

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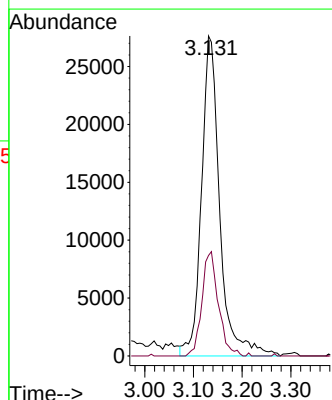
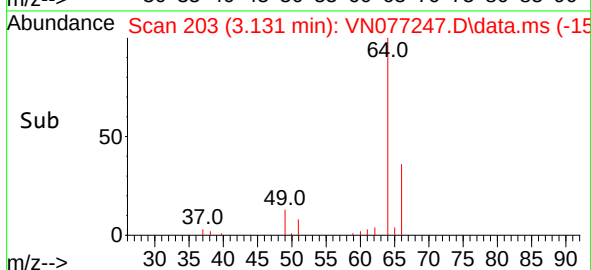
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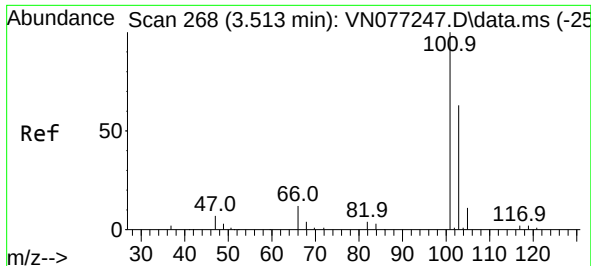


#6
Chloroethane
Concen: 20.028 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077247.D
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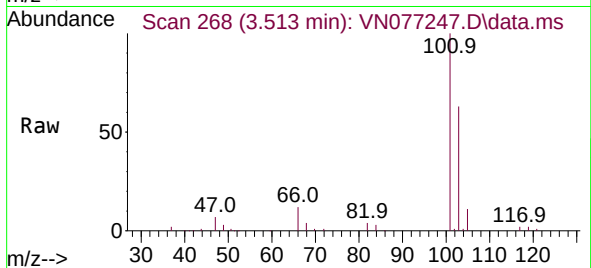
Tgt Ion: 64 Resp: 71852
Ion Ratio Lower Upper
64 100
66 31.4 25.0 37.6





#7
Trichlorofluoromethane
Concen: 19.616 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.006 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

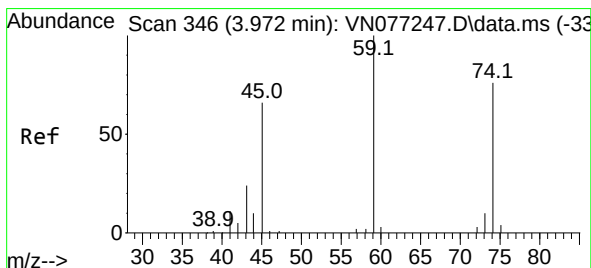
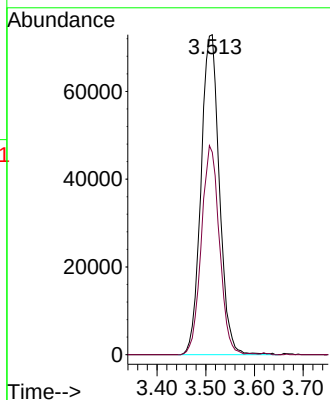
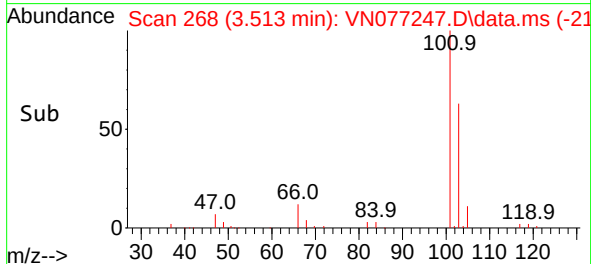
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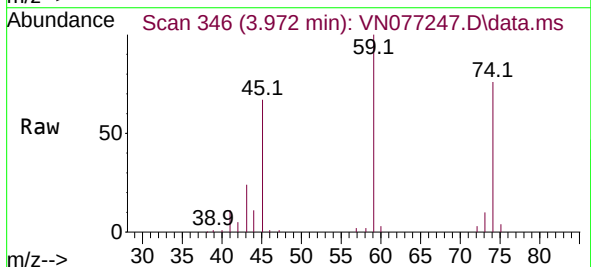
Tgt Ion:101 Resp: 19066
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.2

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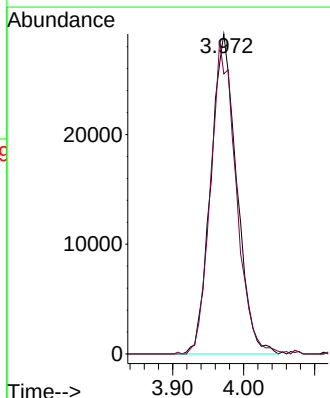
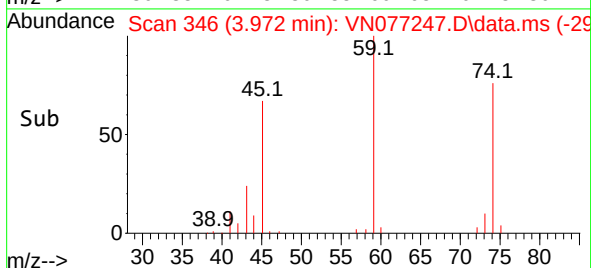
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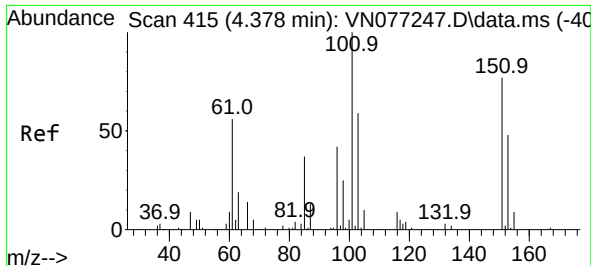


#8
Diethyl Ether
Concen: 19.747 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 73919
Ion Ratio Lower Upper
74 100
45 96.4 47.8 143.3





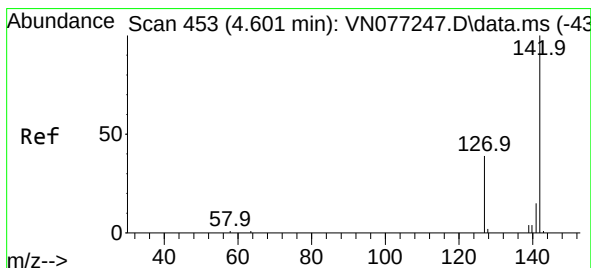
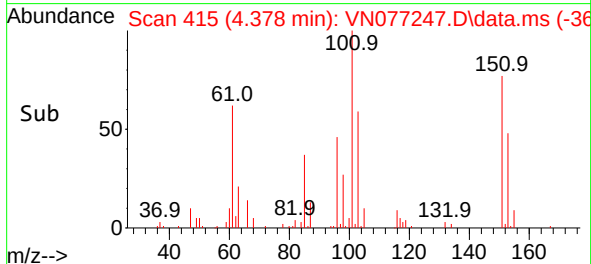
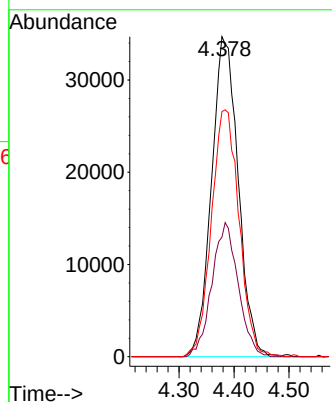
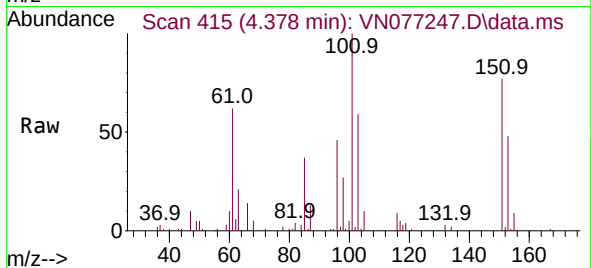
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.167 ug/l
RT: 4.378 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 117034
Ion Ratio Lower Upper
101 100
85 41.2 33.5 50.3
151 80.0 65.3 97.9

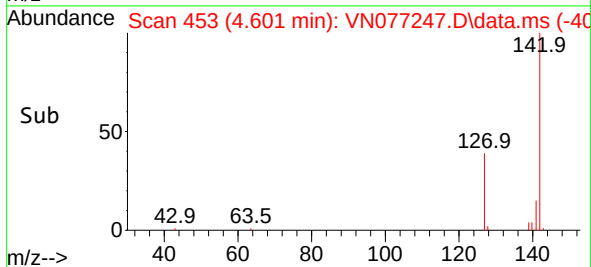
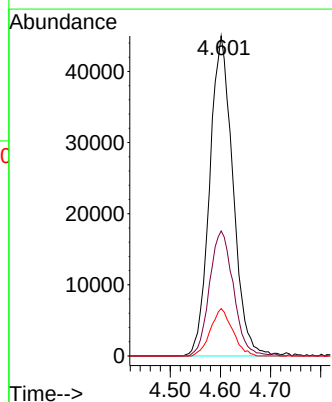
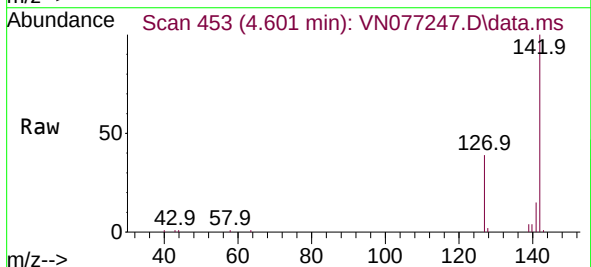
Manual Integrations
APPROVED

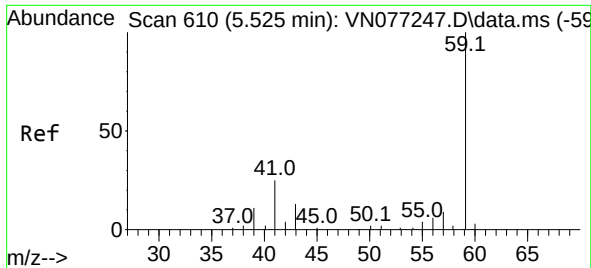
Reviewed By :John Carbone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#10
Methyl Iodide
Concen: 20.364 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Tgt Ion:142 Resp: 144911
Ion Ratio Lower Upper
142 100
127 39.1 31.8 47.8
141 14.8 11.2 16.8





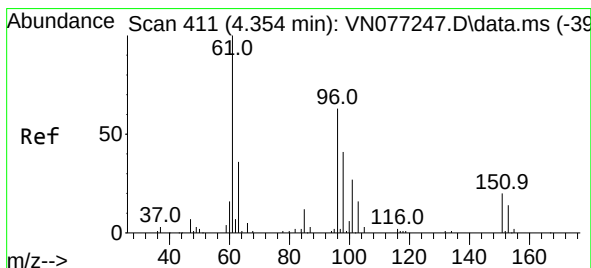
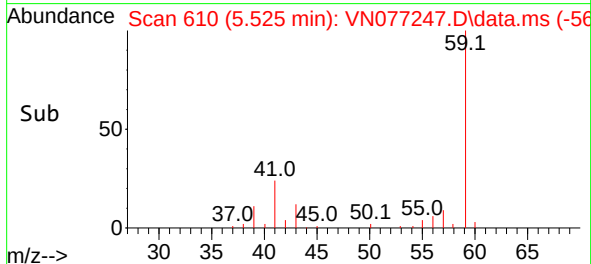
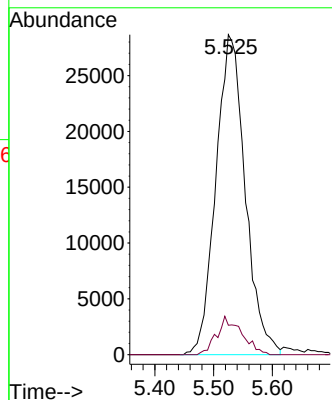
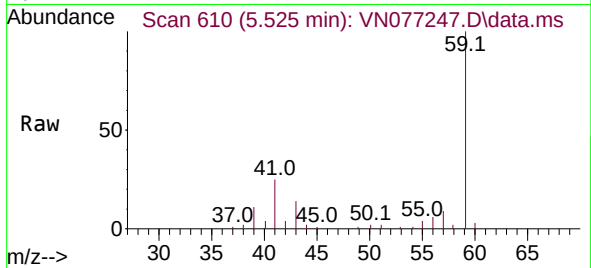
#11
Tert butyl alcohol
Concen: 99.646 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 99362
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

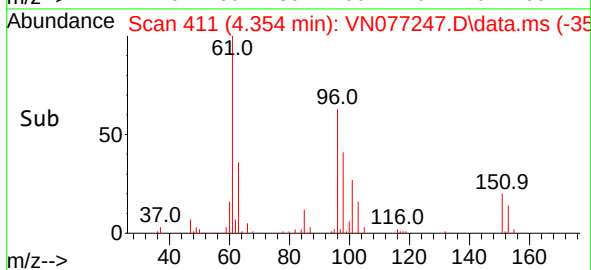
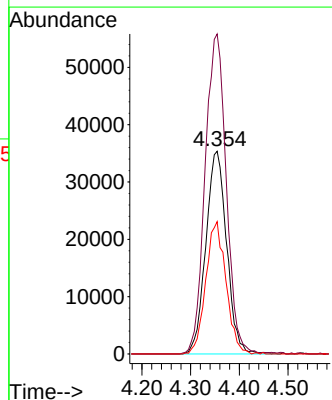
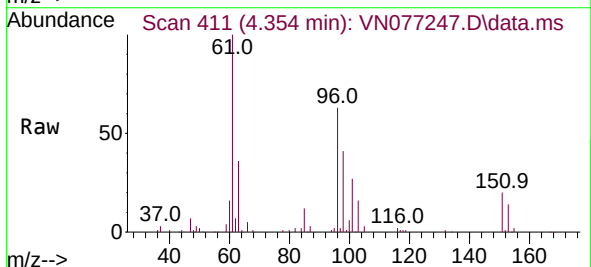
Manual Integrations
APPROVED

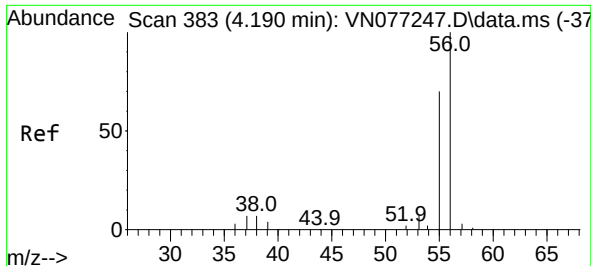
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#12
1,1-Dichloroethene
Concen: 19.541 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Tgt Ion: 96 Resp: 104864
Ion Ratio Lower Upper
96 100
61 157.9 126.4 189.6
98 65.3 50.8 76.2





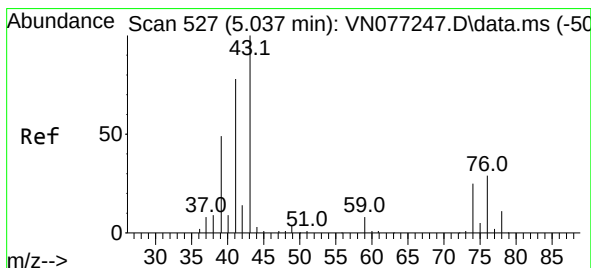
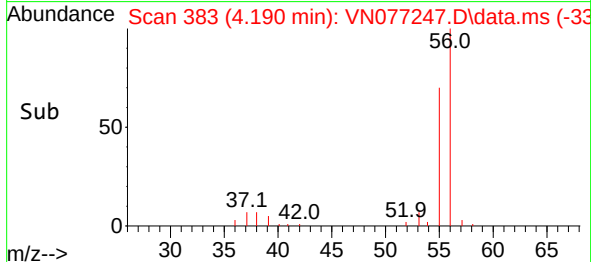
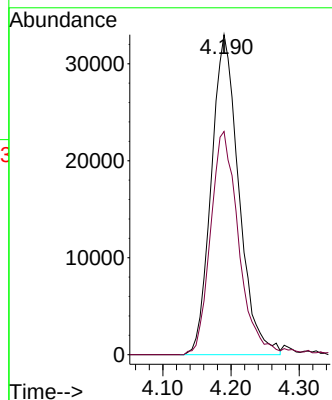
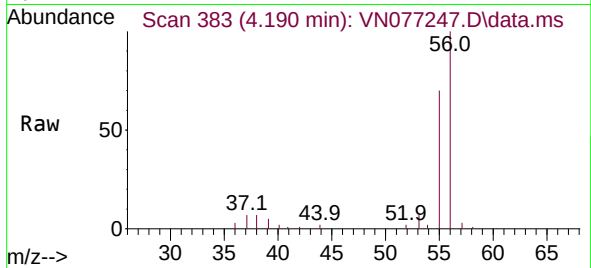
#13
Acrolein
Concen: 87.625 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 92715
Ion Ratio Lower Upper
56 100
55 70.7 56.0 84.0

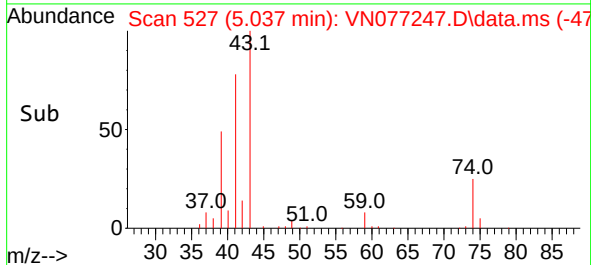
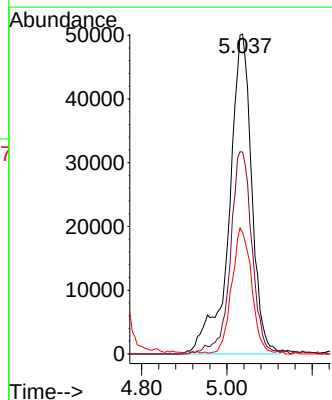
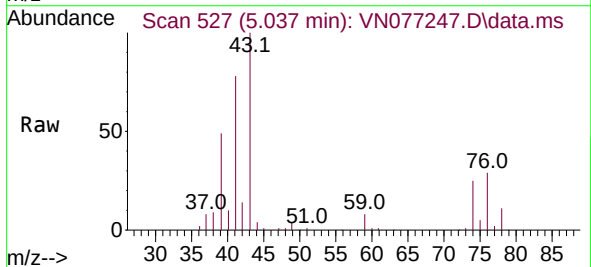
Manual Integrations
APPROVED

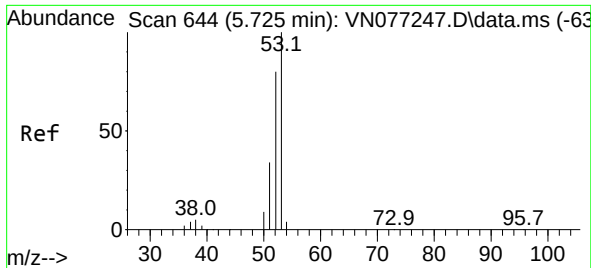
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#14
Allyl chloride
Concen: 19.938 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

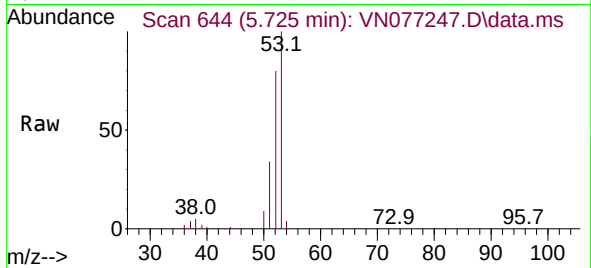
Tgt Ion: 41 Resp: 185449
Ion Ratio Lower Upper
41 100
39 60.4 46.8 70.2
76 33.8 27.3 40.9





#15
Acrylonitrile
Concen: 101.854 ug/l
RT: 5.725 min Scan# 644
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

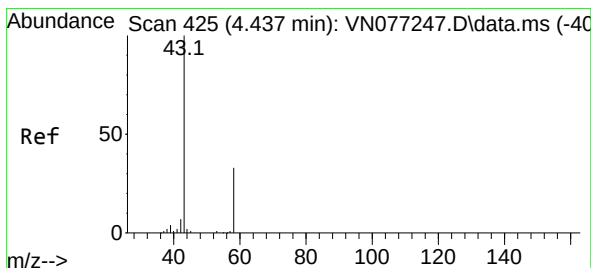
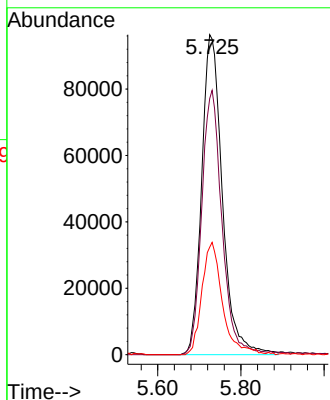
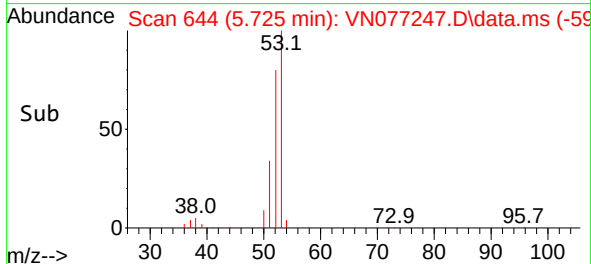
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



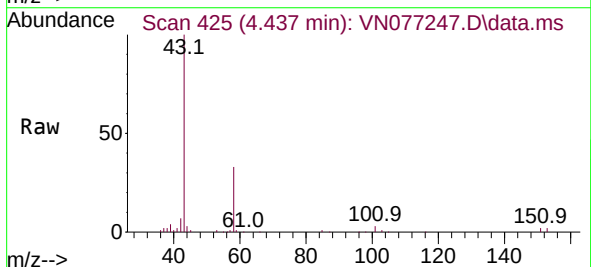
Tgt Ion: 53 Resp: 33395
Ion Ratio Lower Upper
53 100
52 80.6 65.8 98.6
51 34.8 28.2 42.2

Manual Integrations
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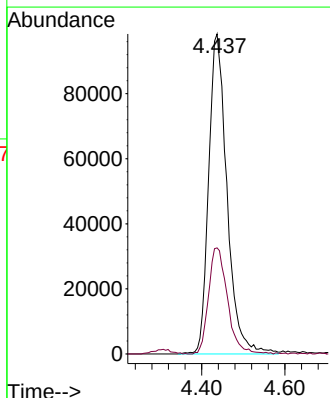
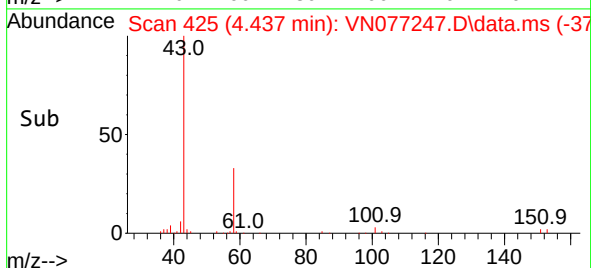
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

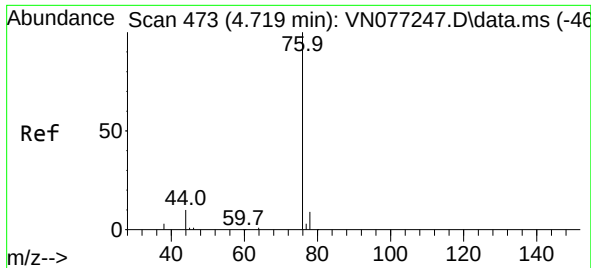


#16
Acetone
Concen: 98.492 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33



Tgt Ion: 43 Resp: 300960
Ion Ratio Lower Upper
43 100
58 32.9 28.2 42.4





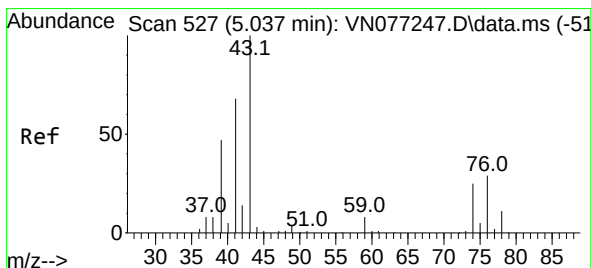
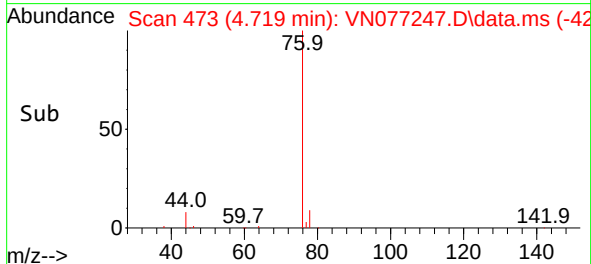
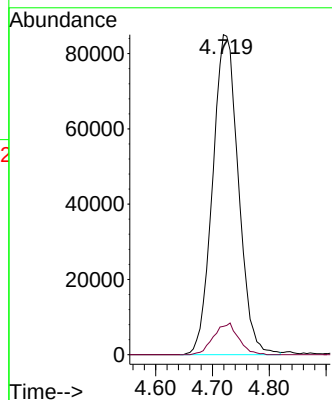
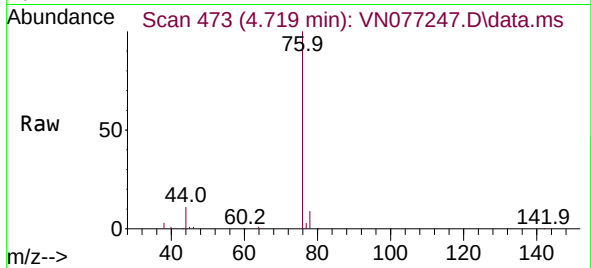
#17
Carbon Disulfide
Concen: 18.786 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 268389
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

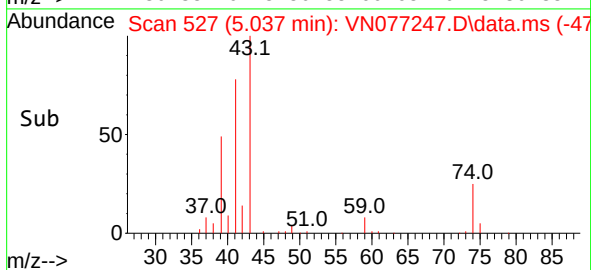
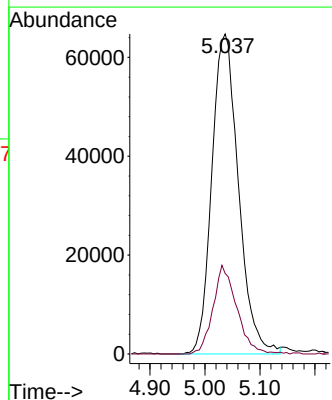
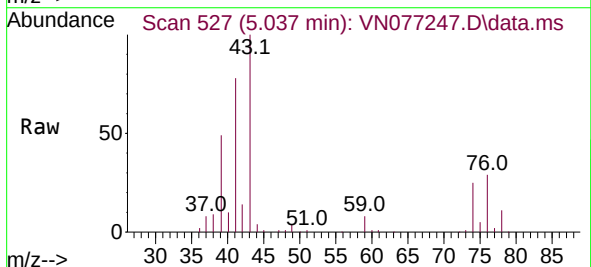
Manual Integrations
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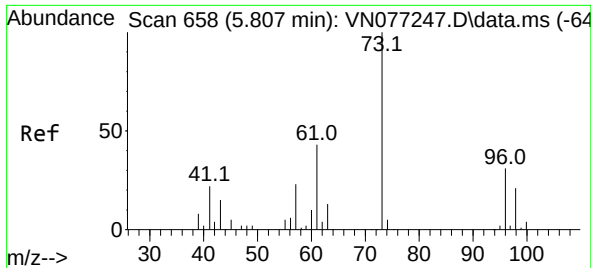
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#18
Methyl Acetate
Concen: 18.990 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Tgt Ion: 43 Resp: 218233
Ion Ratio Lower Upper
43 100
74 24.7 19.6 29.4





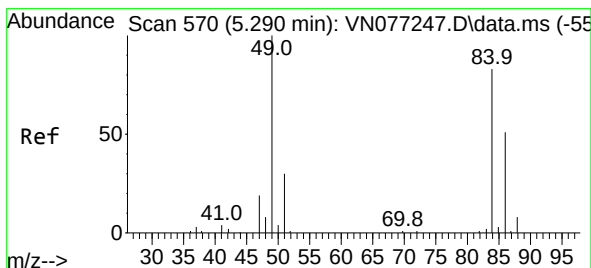
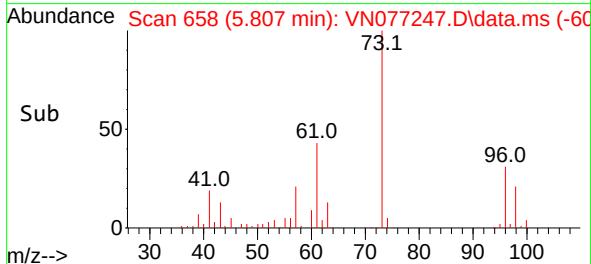
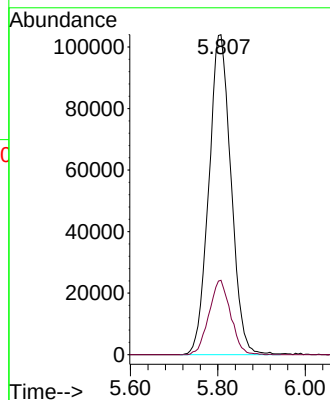
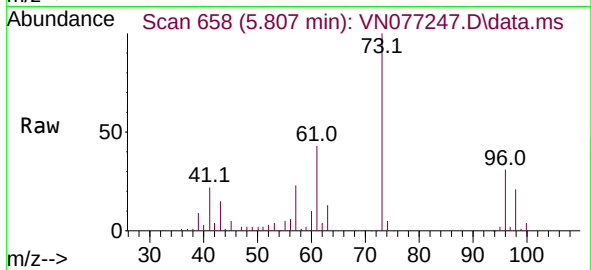
#19
Methyl tert-butyl Ether
Concen: 20.375 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 36588
Ion Ratio Lower Upper
73 100
57 23.2 18.7 28.1

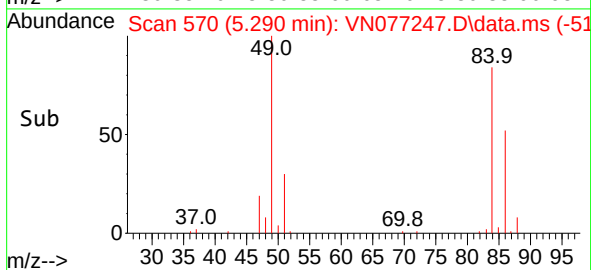
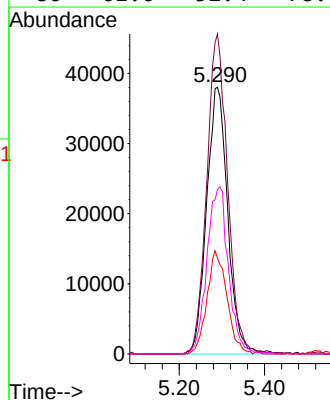
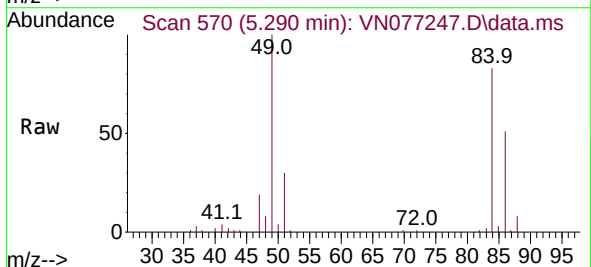
Manual Integrations
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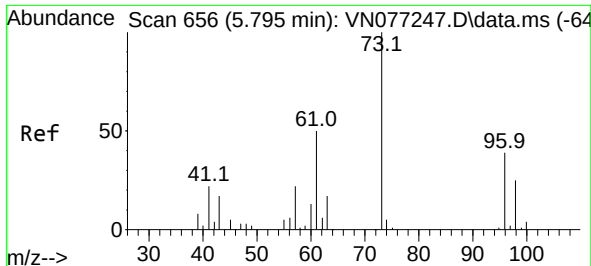
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#20
Methylene Chloride
Concen: 19.133 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

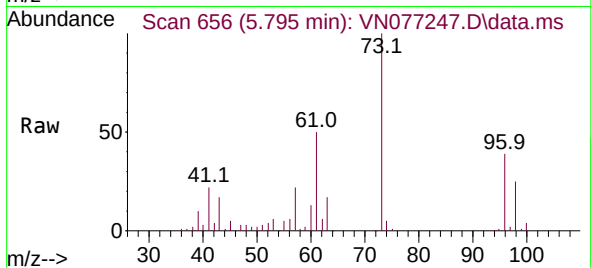
Tgt Ion: 84 Resp: 130870
Ion Ratio Lower Upper
84 100
49 119.9 97.8 146.8
51 35.9 29.8 44.8
86 61.6 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 19.840 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

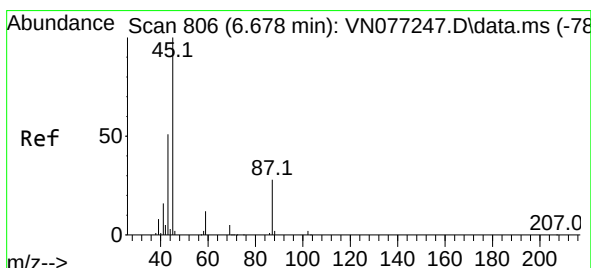
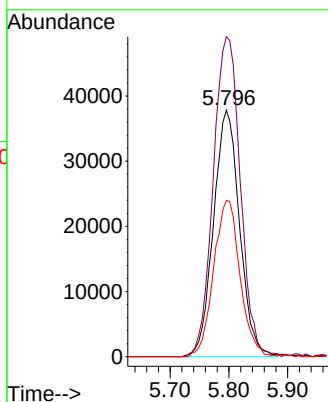
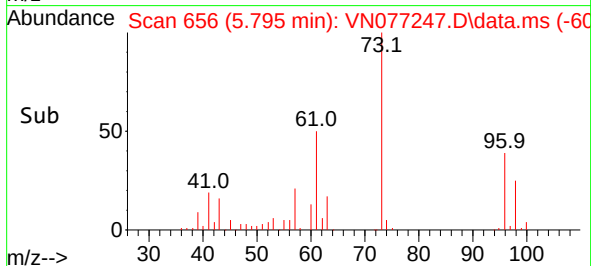
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



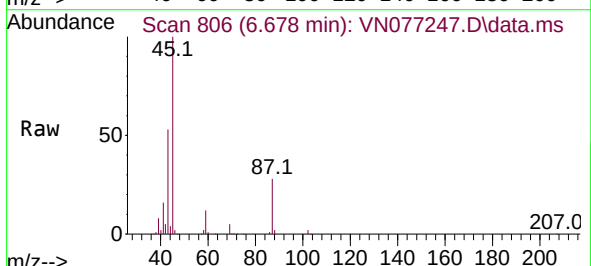
Tgt Ion: 96 Resp: 116418
Ion Ratio Lower Upper
96 100
61 129.8 109.7 164.5
98 63.3 50.4 75.6

Manual Integrations
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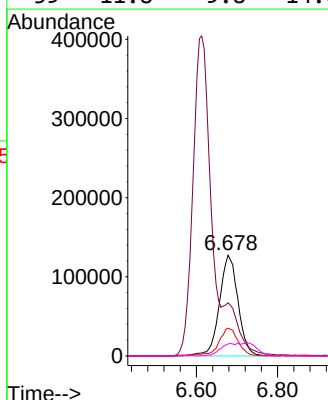
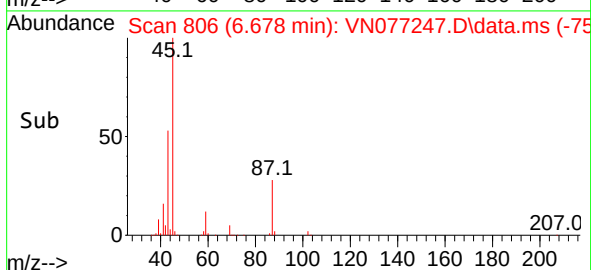
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

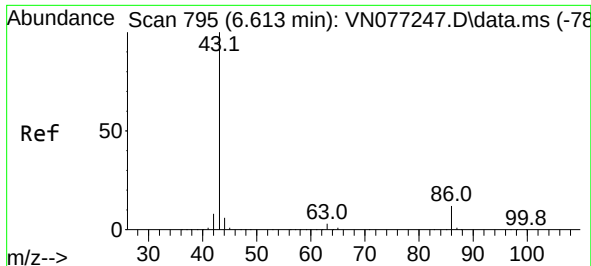


#22
Diisopropyl ether
Concen: 20.714 ug/l
RT: 6.678 min Scan# 806
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33



Tgt Ion: 45 Resp: 407450
Ion Ratio Lower Upper
45 100
43 51.8 39.6 59.4
87 27.7 21.0 31.4
59 11.8 9.8 14.6





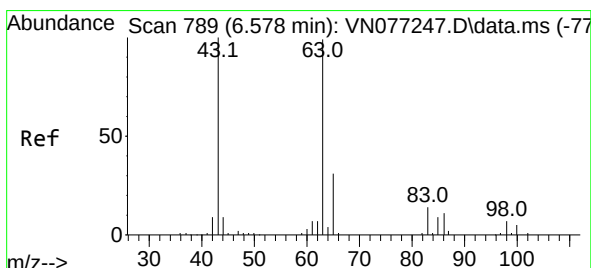
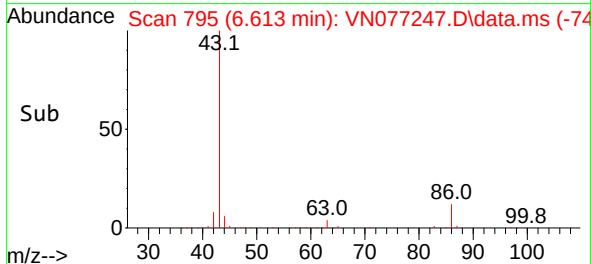
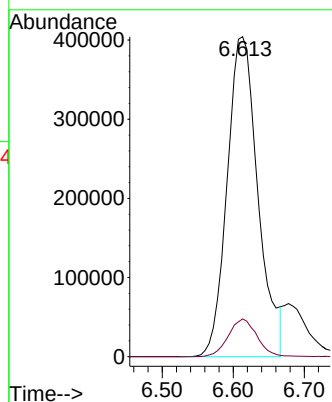
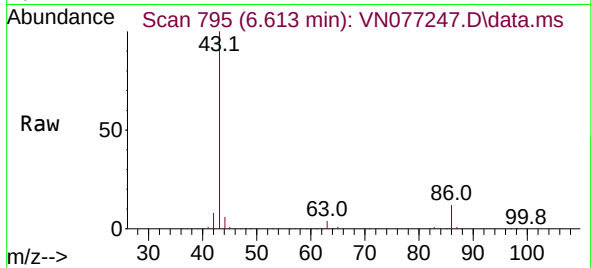
#23
 Vinyl Acetate
 Concen: 103.490 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN077247.D
 Acq: 31 Mar 2023 11:33

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC020

Tgt Ion: 43 Resp: 1221560
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.0 13.4

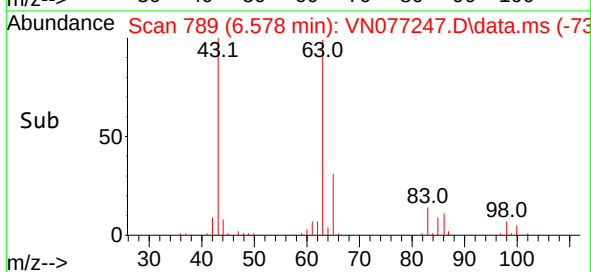
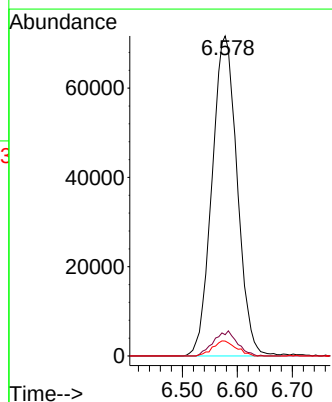
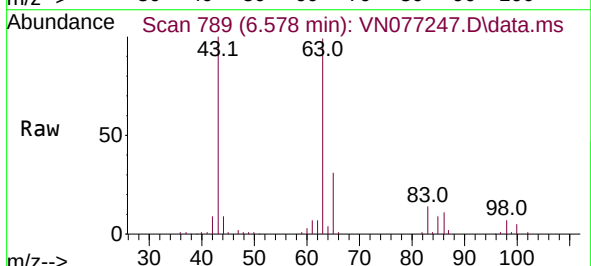
Manual Integrations
 APPROVED

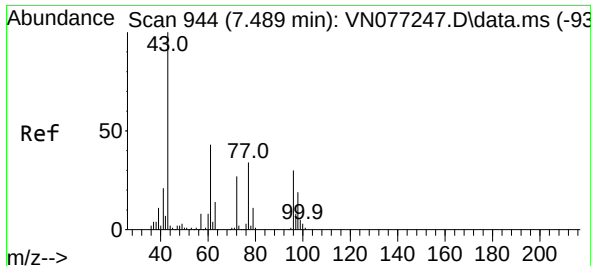
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#24
 1,1-Dichloroethane
 Concen: 19.745 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN077247.D
 Acq: 31 Mar 2023 11:33

Tgt Ion: 63 Resp: 228151
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.5
 100 4.6 2.4 7.1





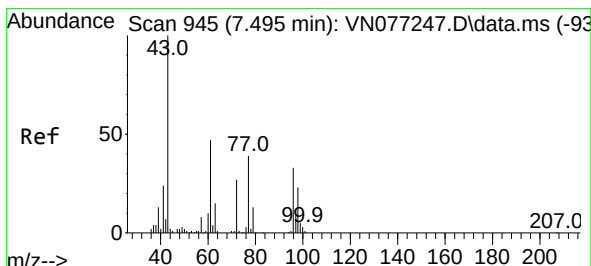
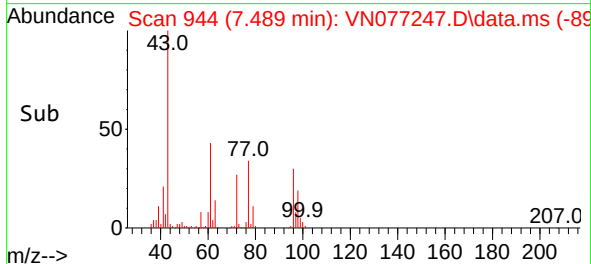
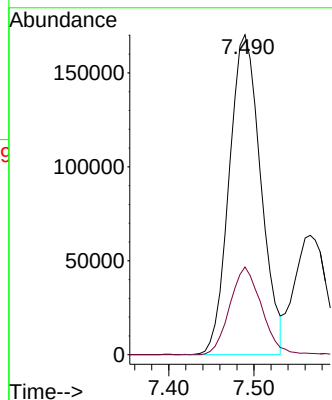
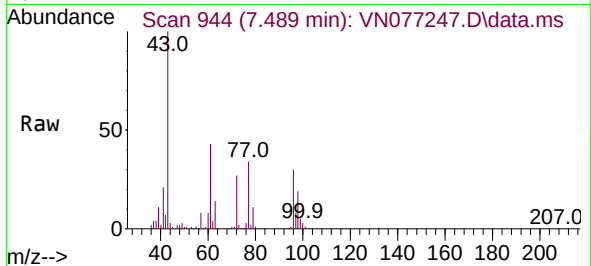
#25
2-Butanone
Concen: 101.103 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 439158
Ion Ratio Lower Upper
43 100
72 27.4 22.2 33.2

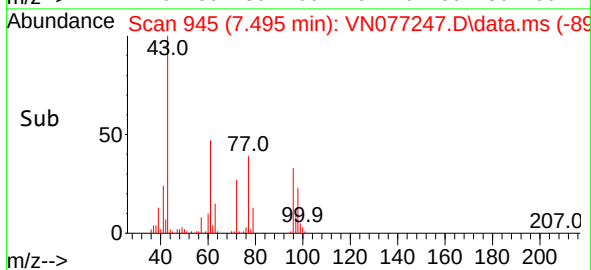
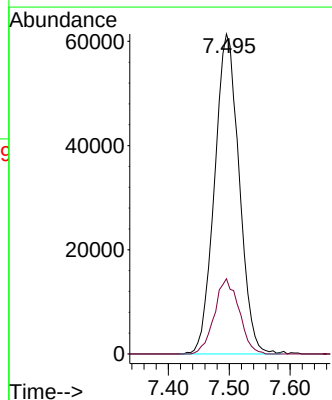
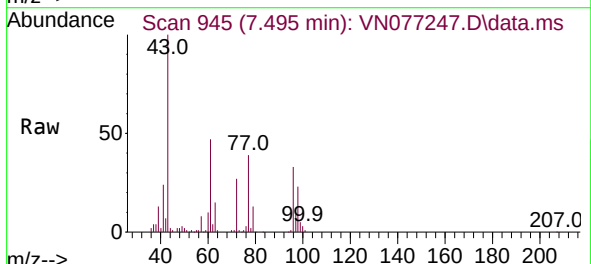
Manual Integrations
APPROVED

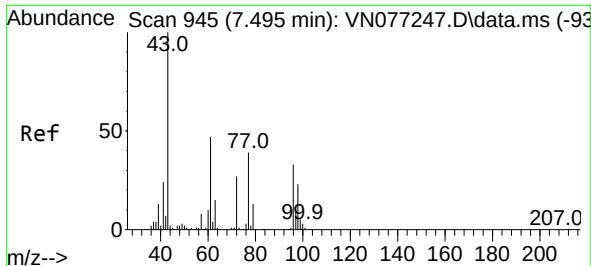
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#26
2,2-Dichloropropane
Concen: 20.156 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

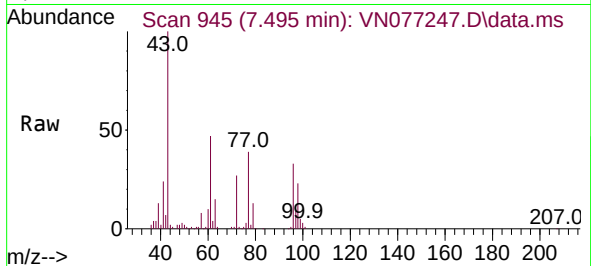
Tgt Ion: 77 Resp: 172306
Ion Ratio Lower Upper
77 100
97 23.5 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 19.631 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.006 min
 Lab File: VN077247.D
 Acq: 31 Mar 2023 11:33

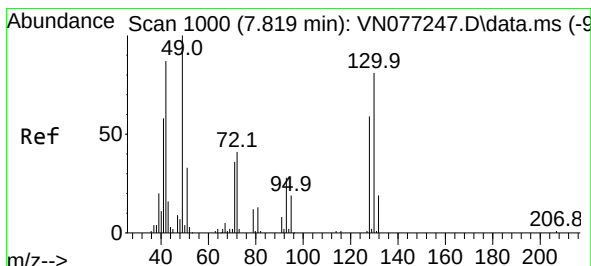
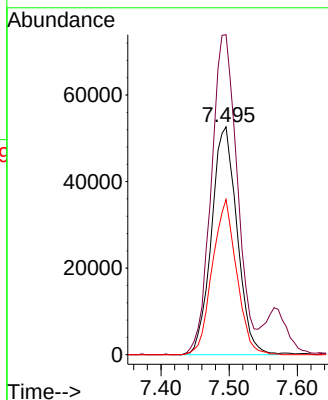
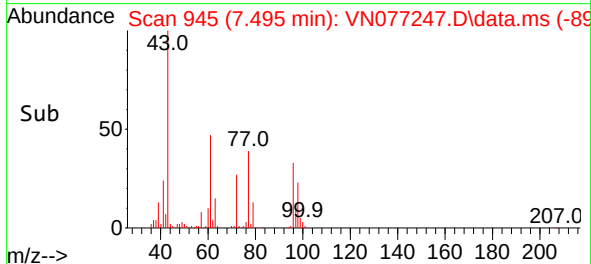
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 13776
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 286.0
 98 64.7 0.0 127.8

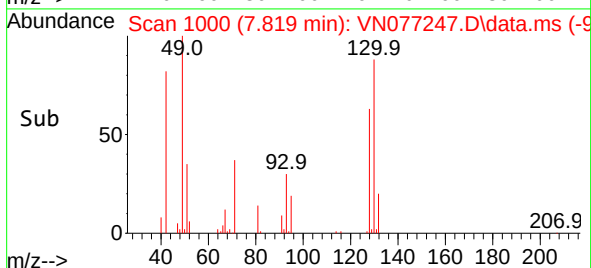
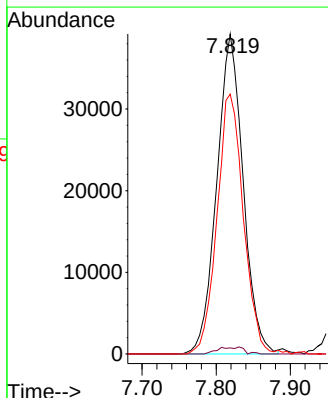
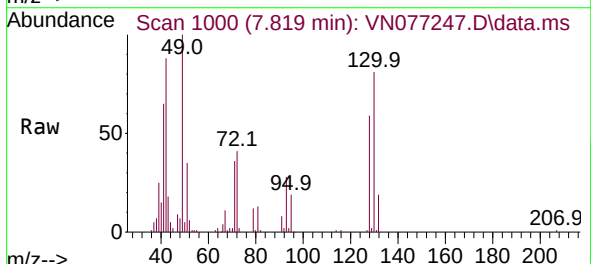
Manual Integrations
 APPROVED

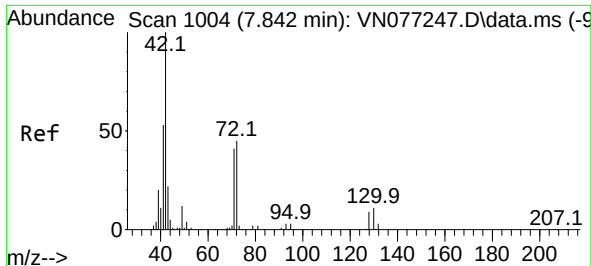
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#28
 Bromochloromethane
 Concen: 19.191 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. 0.006 min
 Lab File: VN077247.D
 Acq: 31 Mar 2023 11:33

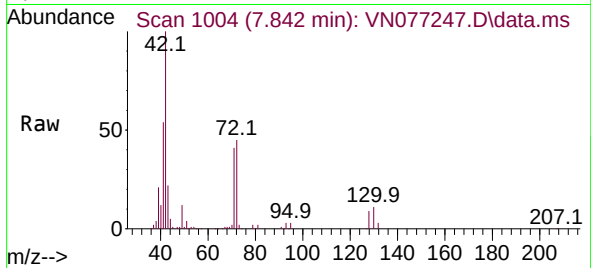
Tgt Ion: 49 Resp: 96766
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 81.0 63.9 95.9





#29
Tetrahydrofuran
Concen: 105.712 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

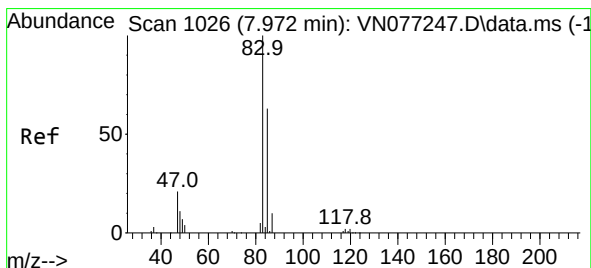
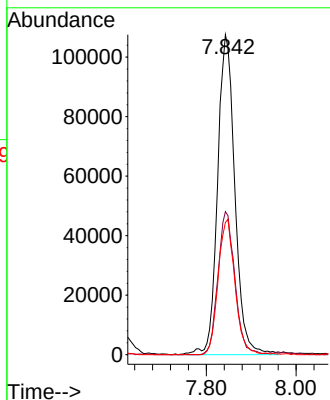
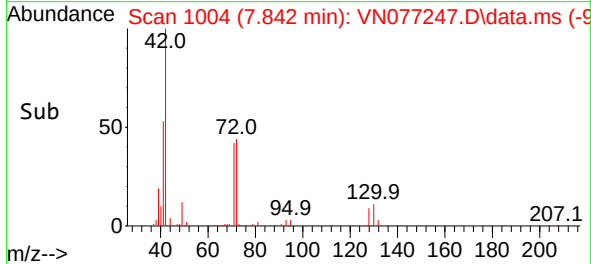
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 42 Resp: 28870
Ion Ratio Lower Upper
42 100
72 43.7 35.6 53.4
71 41.1 33.2 49.8

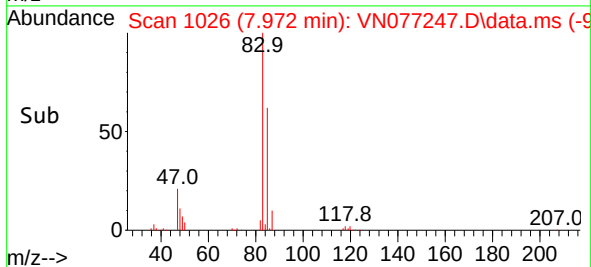
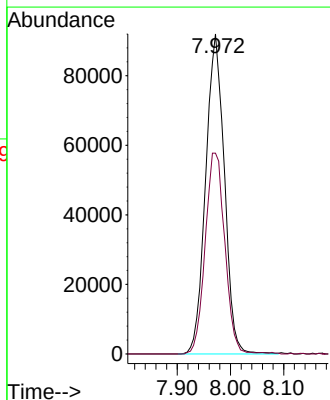
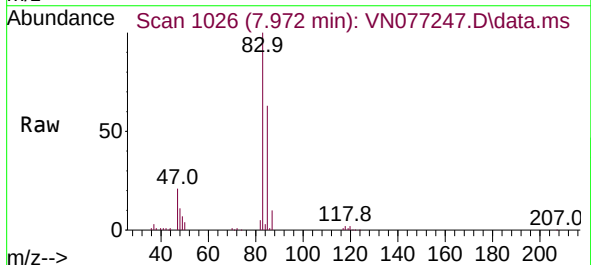
Manual Integrations
APPROVED

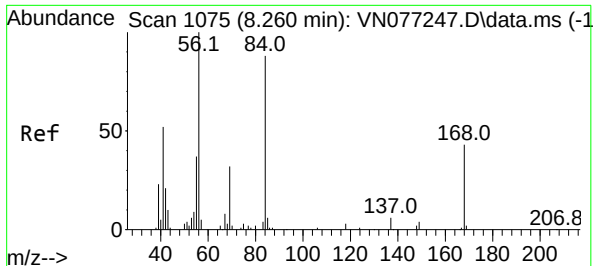
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#30
Chloroform
Concen: 19.713 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

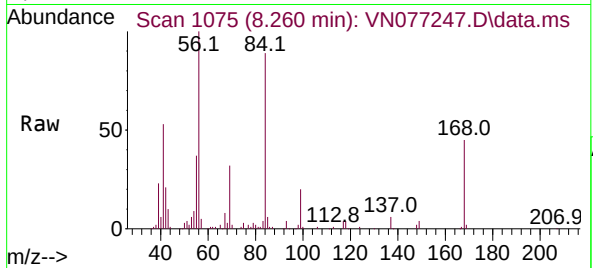
Tgt Ion: 83 Resp: 224373
Ion Ratio Lower Upper
83 100
85 62.8 51.4 77.0





#31
Cyclohexane
Concen: 19.287 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

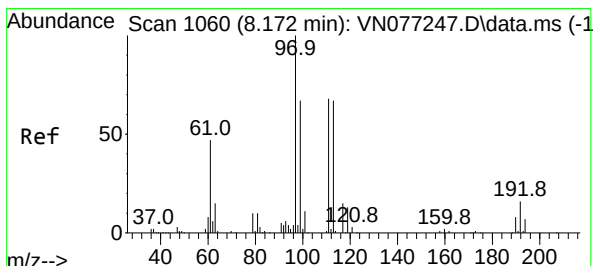
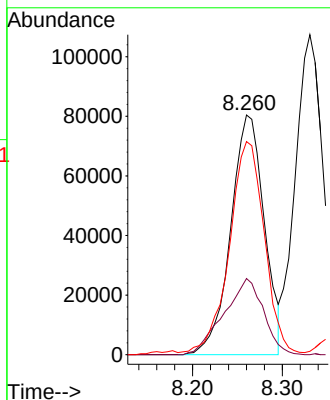
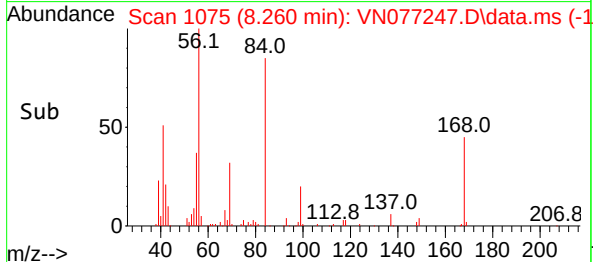
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



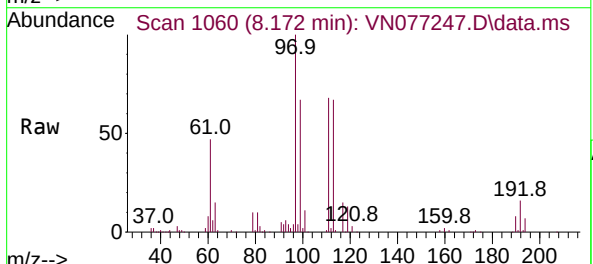
Tgt Ion: 56 Resp: 20906
Ion Ratio Lower Upper
56 100
69 31.8 25.1 37.7
84 88.1 69.0 103.4

Manual Integrations
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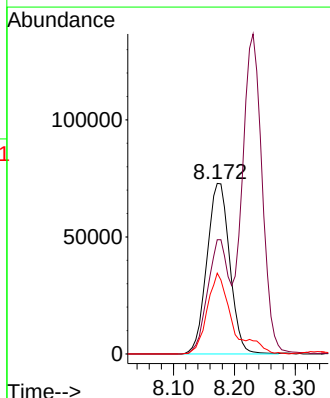
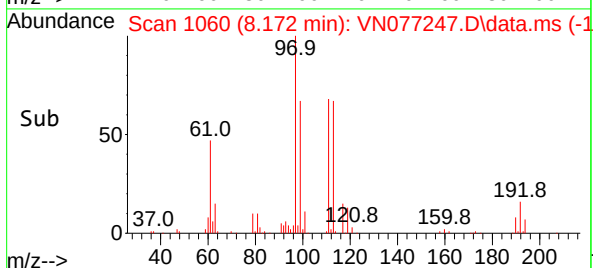
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

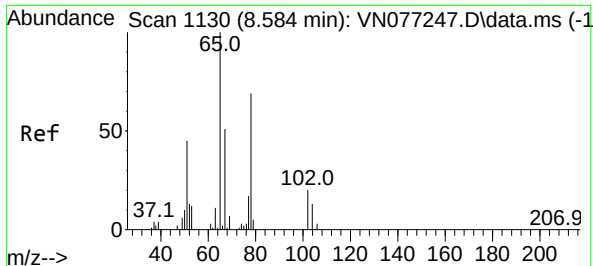


#32
1,1,1-Trichloroethane
Concen: 19.716 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33



Tgt Ion: 97 Resp: 189308
Ion Ratio Lower Upper
97 100
99 61.9 51.8 77.8
61 46.2 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 21.571 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077247.D

Acq: 31 Mar 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 13256

Ion Ratio Lower Upper

65 100

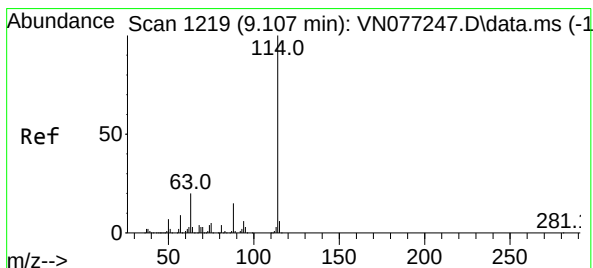
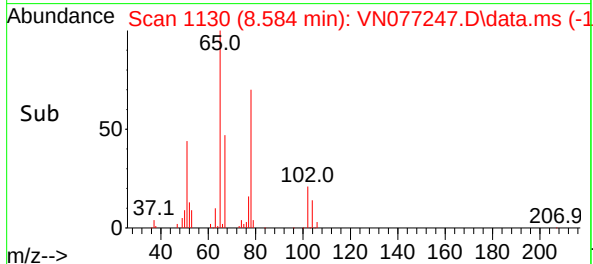
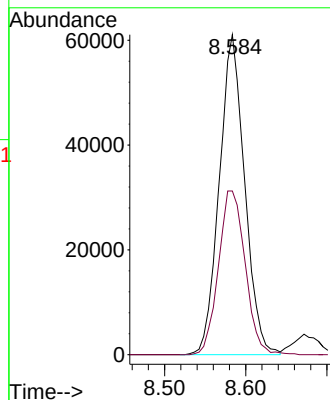
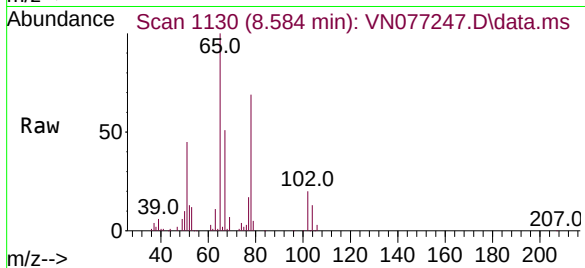
67 54.0 0.0 109.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077247.D

Acq: 31 Mar 2023 11:33

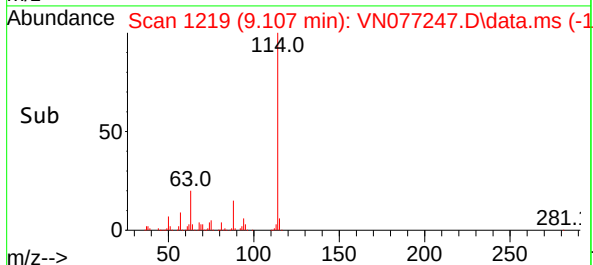
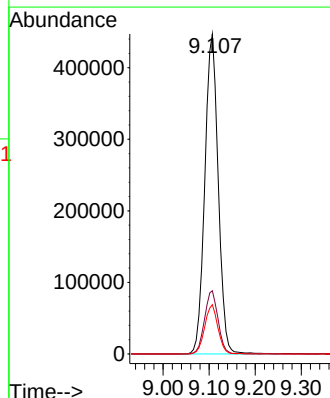
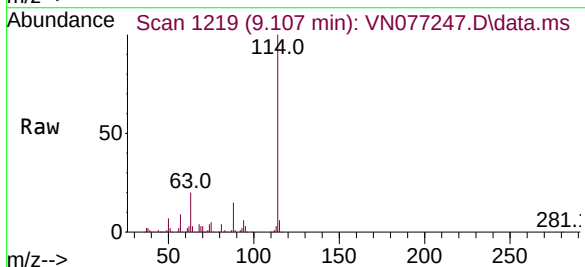
Tgt Ion:114 Resp: 910962

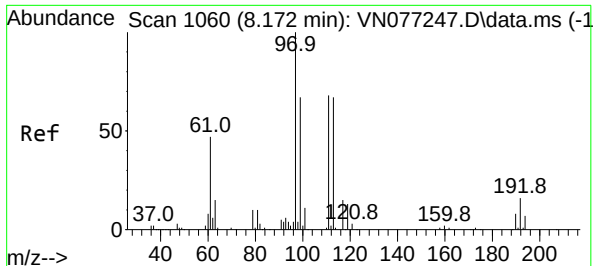
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

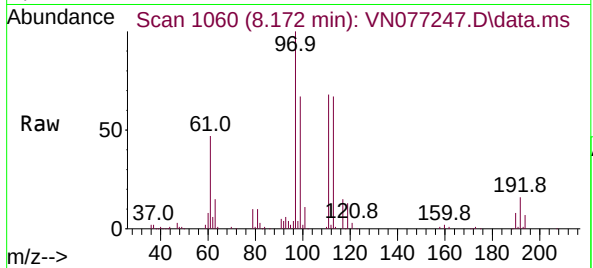
88 15.4 0.0 29.8





#35
Dibromofluoromethane
Concen: 21.454 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

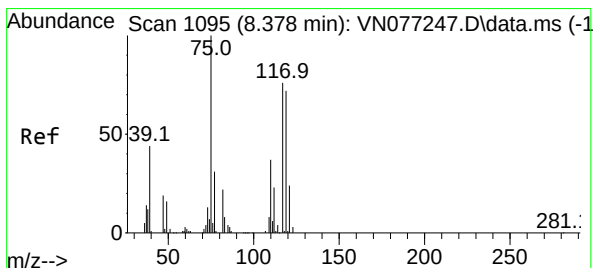
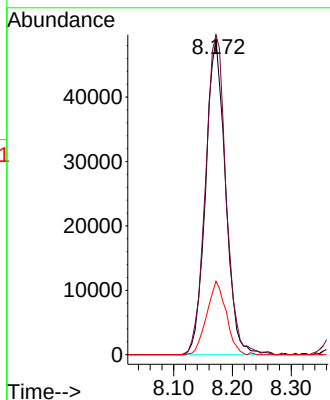
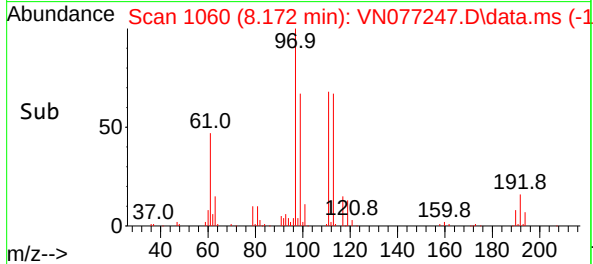
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



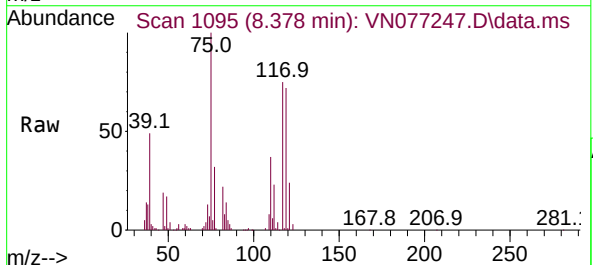
Tgt Ion: 113 Resp: 11495
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.2
192 22.7 18.5 27.7

Manual Integrations
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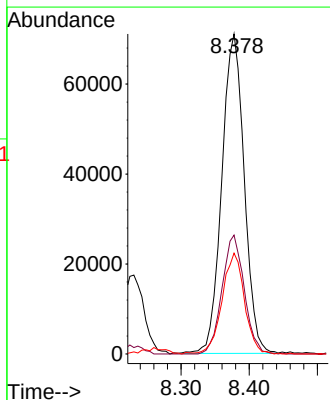
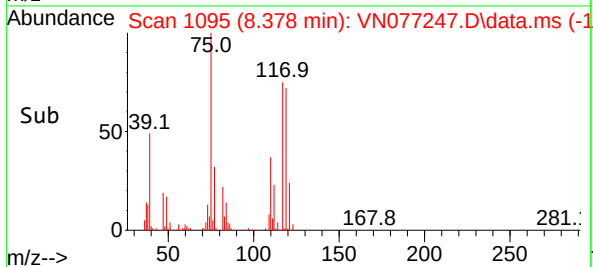
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

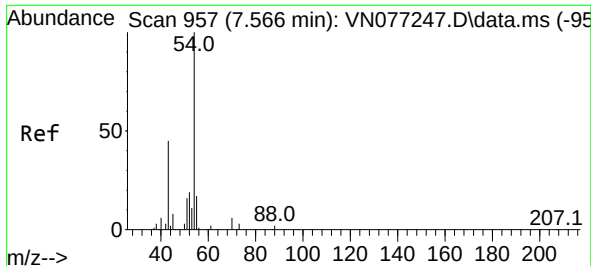


#36
1,1-Dichloropropene
Concen: 19.709 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33



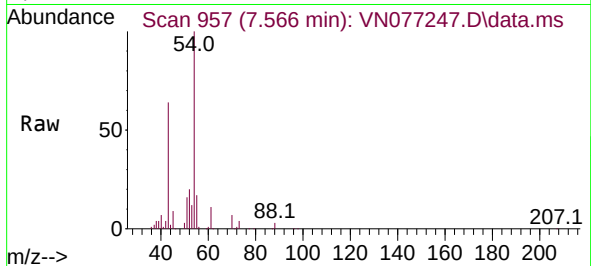
Tgt Ion: 75 Resp: 162648
Ion Ratio Lower Upper
75 100
110 36.8 17.6 52.9
77 31.7 24.4 36.6





#37
Ethyl Acetate
Concen: 21.214 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

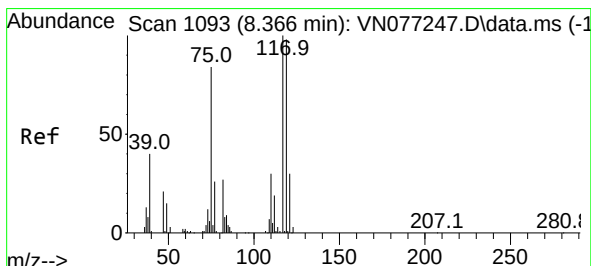
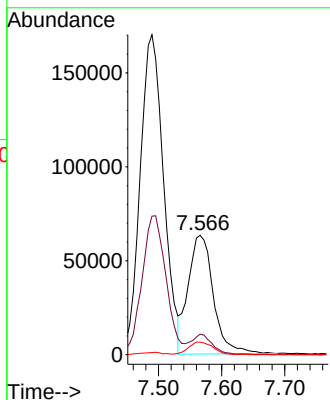
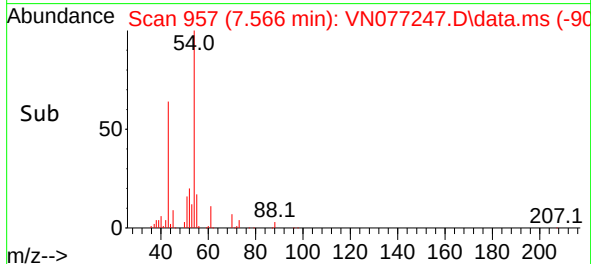
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 175644
Ion Ratio Lower Upper
43 100
61 14.4 10.9 16.3
70 10.3 8.8 13.2

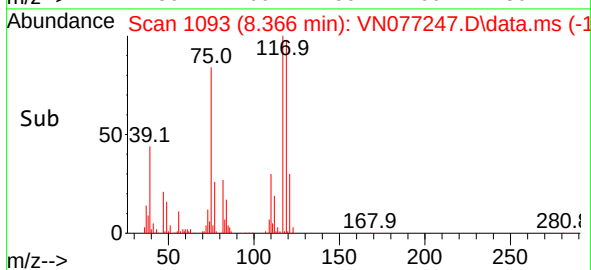
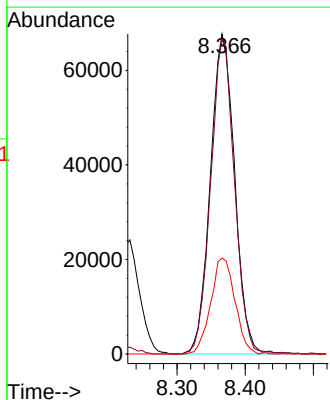
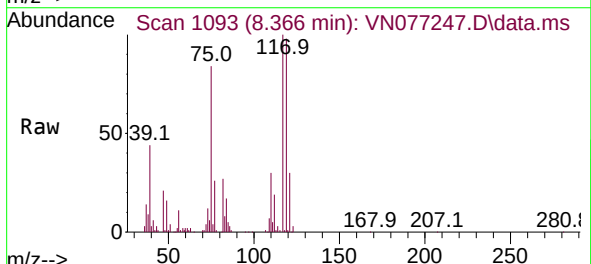
Manual Integrations
APPROVED

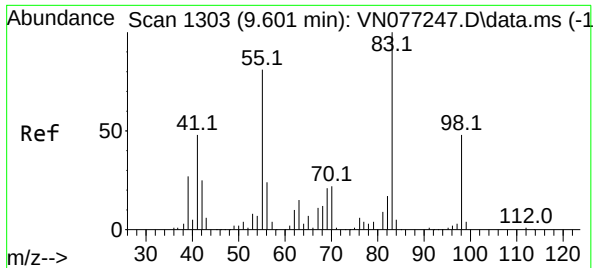
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#38
Carbon Tetrachloride
Concen: 19.837 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Tgt Ion:117 Resp: 167865
Ion Ratio Lower Upper
117 100
119 98.0 76.5 114.7
121 29.9 23.8 35.8





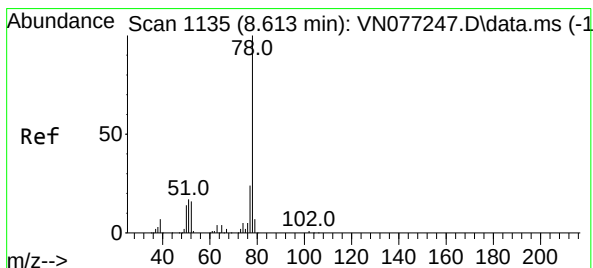
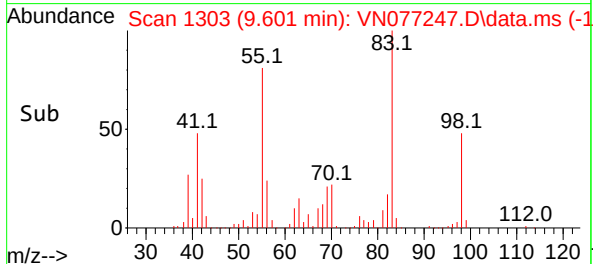
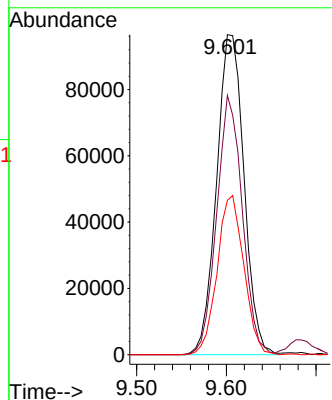
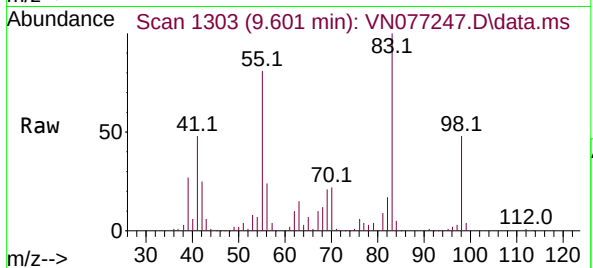
#39
Methylcyclohexane
Concen: 20.246 ug/l
RT: 9.601 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 204918
Ion Ratio Lower Upper
83 100
55 81.1 59.7 89.5
98 48.3 37.2 55.8

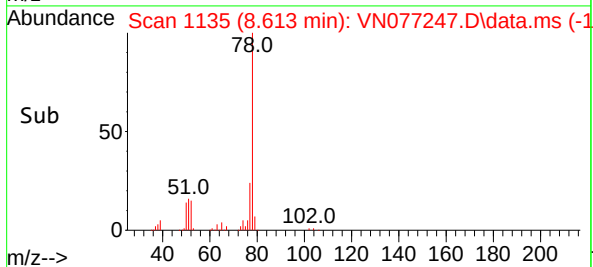
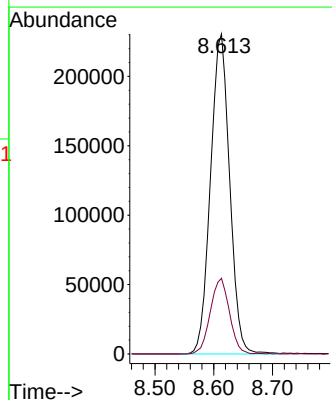
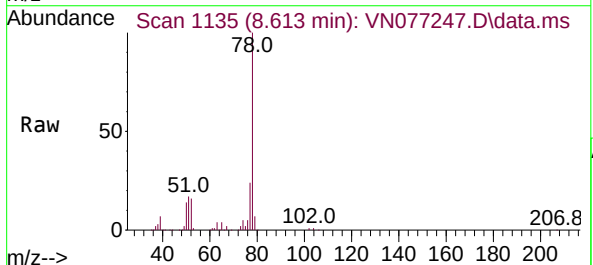
Manual Integrations
APPROVED

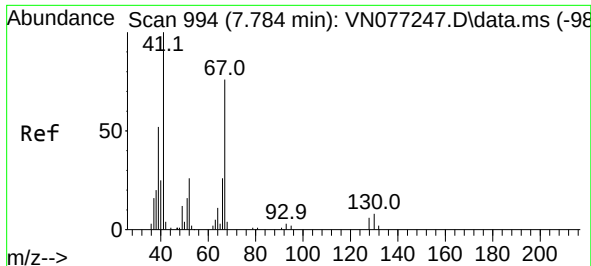
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#40
Benzene
Concen: 20.130 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

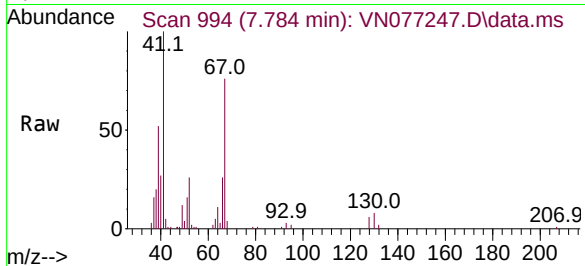
Tgt Ion: 78 Resp: 521555
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1





#41
Methacrylonitrile
Concen: 19.621 ug/l m
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

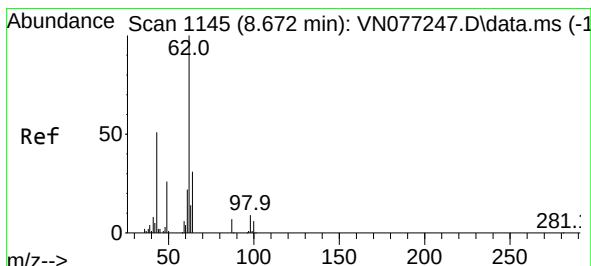
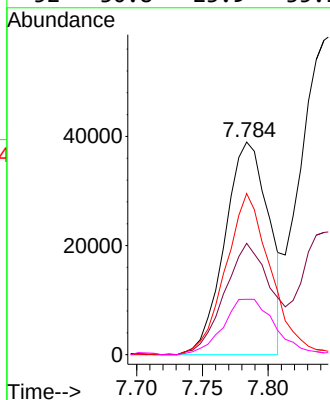
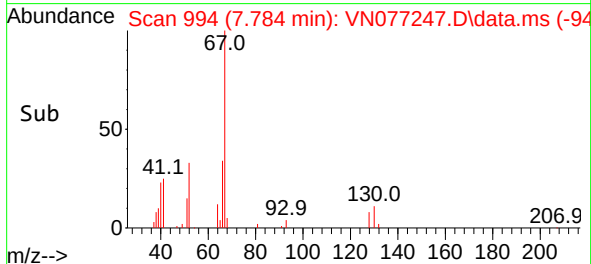
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



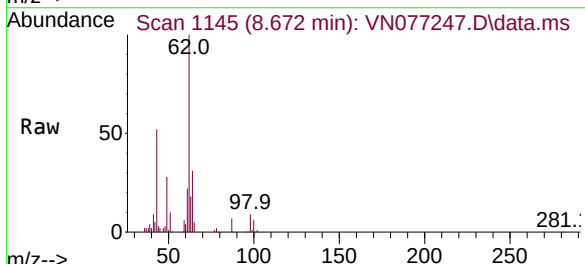
Tgt Ion: 41 Resp: 9095
Ion Ratio Lower Upper
41 100
39 56.2 44.0 66.0
67 77.9 60.7 91.1
52 30.8 23.9 35.9

Manual Integrations
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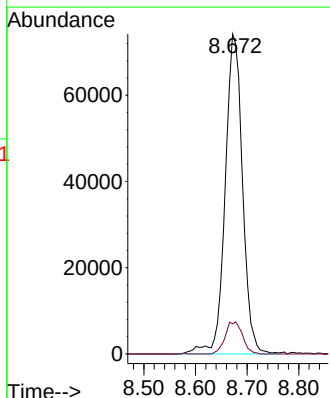
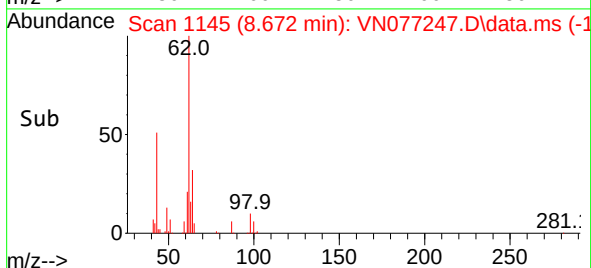
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

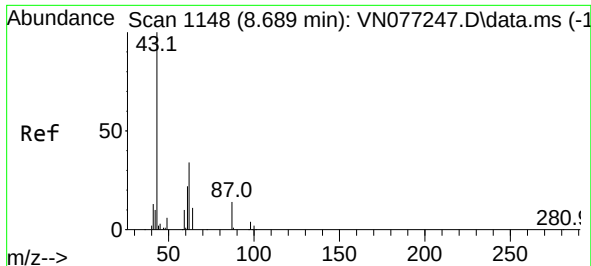


#42
1,2-Dichloroethane
Concen: 20.434 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33



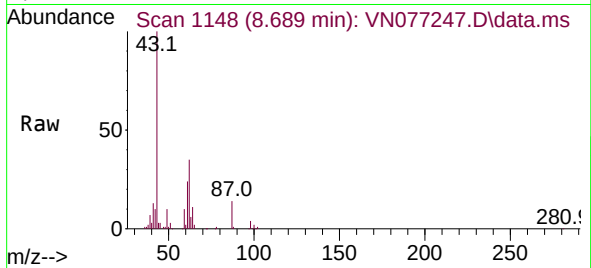
Tgt Ion: 62 Resp: 173236
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.8





#43
Isopropyl Acetate
Concen: 20.440 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

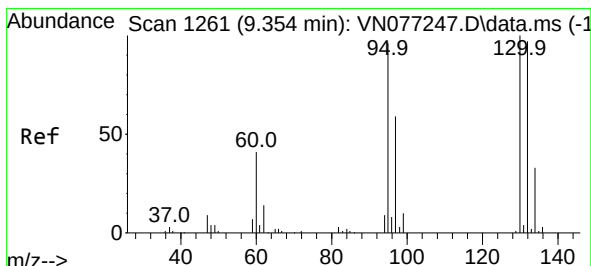
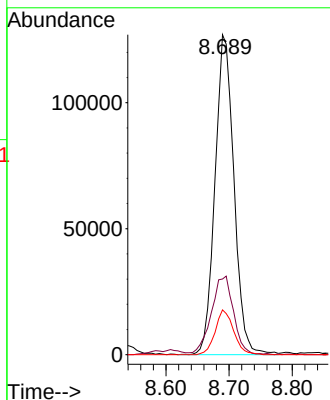
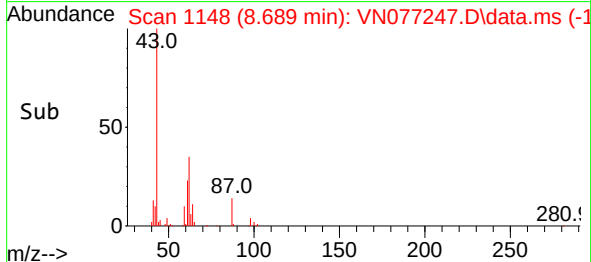
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



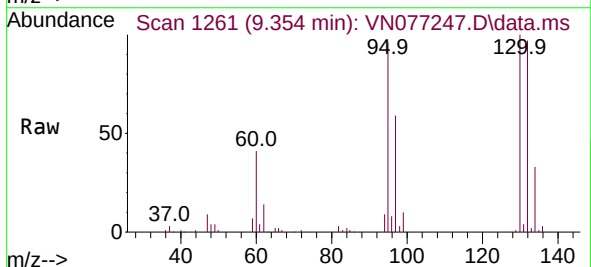
Tgt Ion: 43 Resp: 265485
Ion Ratio Lower Upper
43 100
61 28.9 22.2 33.2
87 13.6 11.3 16.9

Manual Integrations
APPROVED

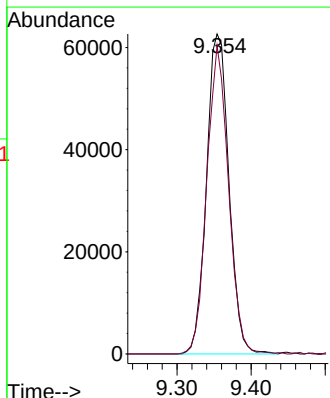
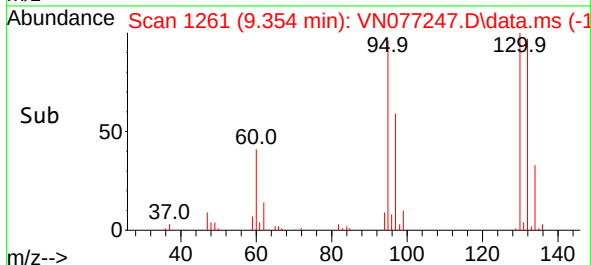
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

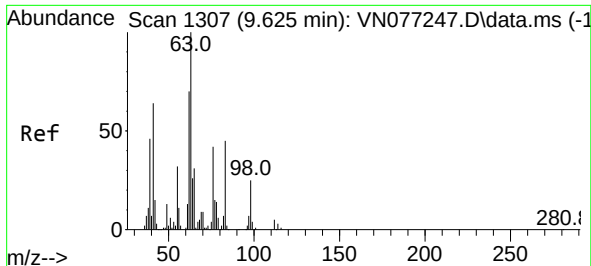


#44
Trichloroethene
Concen: 19.669 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33



Tgt Ion:130 Resp: 131856
Ion Ratio Lower Upper
130 100
95 96.3 0.0 197.8





#45

1,2-Dichloropropane

Concen: 19.744 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077247.D

Acq: 31 Mar 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 13608

Ion Ratio Lower Upper

63 100

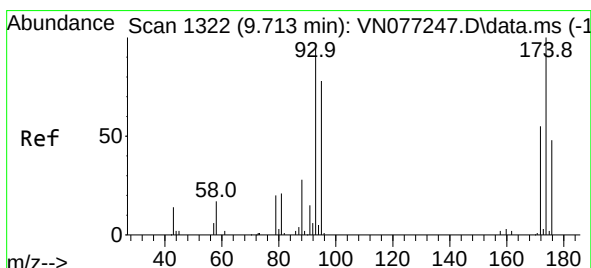
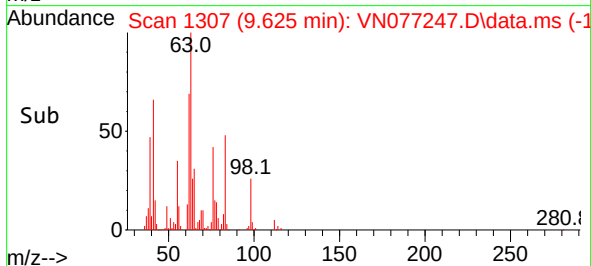
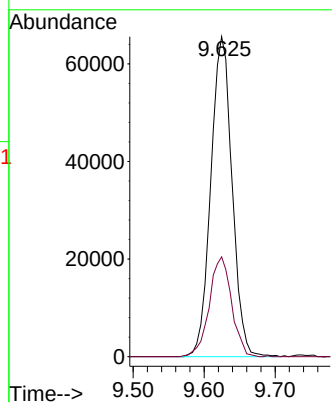
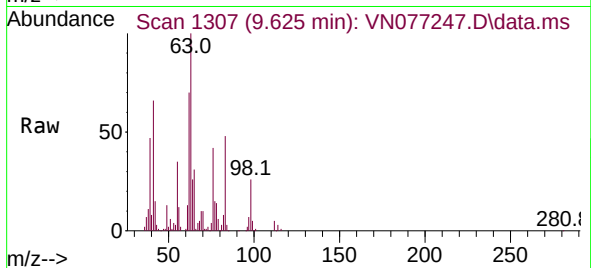
65 31.2 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#46

Dibromomethane

Concen: 20.022 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077247.D

Acq: 31 Mar 2023 11:33

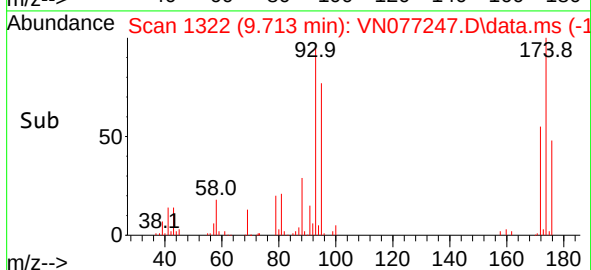
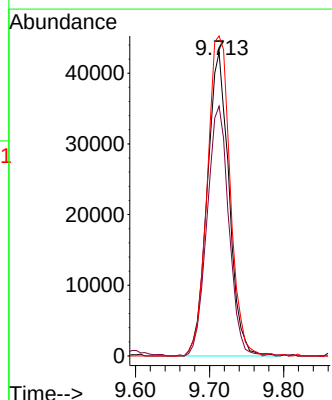
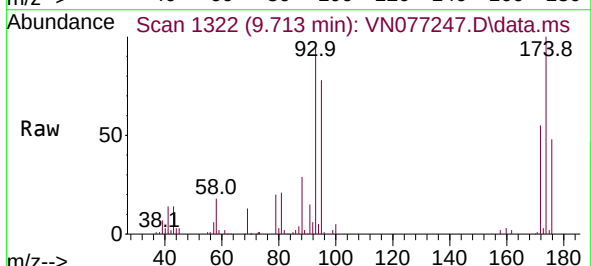
Tgt Ion: 93 Resp: 87733

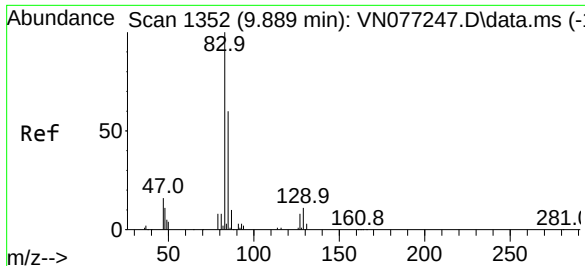
Ion Ratio Lower Upper

93 100

95 82.8 66.1 99.1

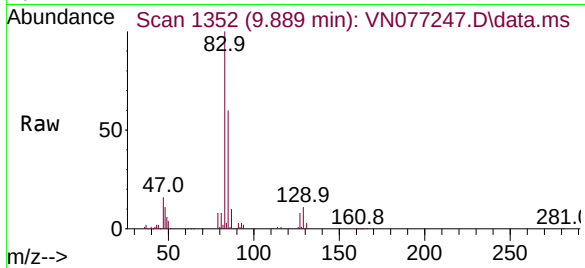
174 110.5 91.0 136.4





#47
Bromodichloromethane
Concen: 20.287 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

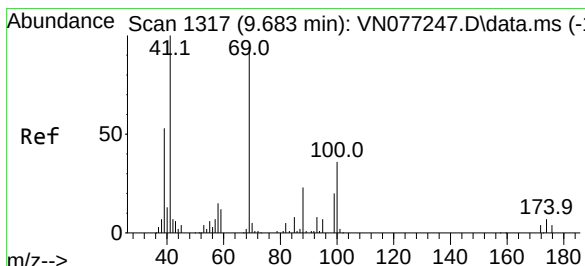
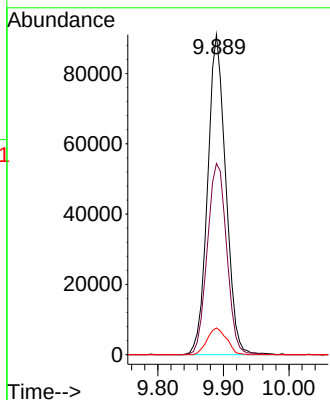
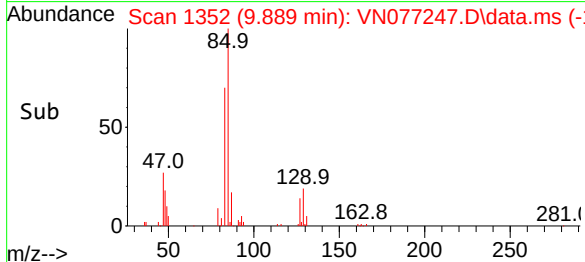
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 175030
Ion Ratio Lower Upper
83 100
85 59.8 51.3 76.9
127 8.3 6.6 10.0

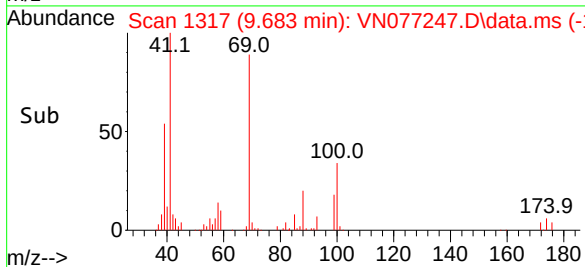
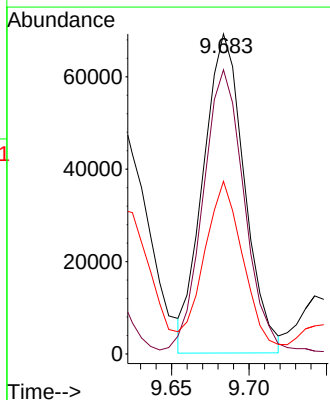
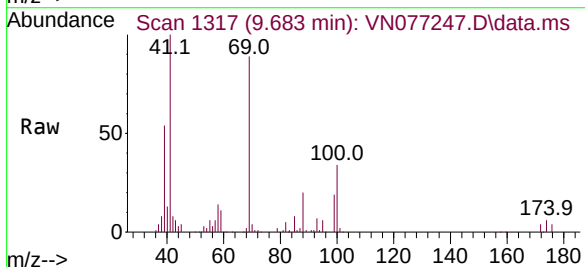
Manual Integrations
APPROVED

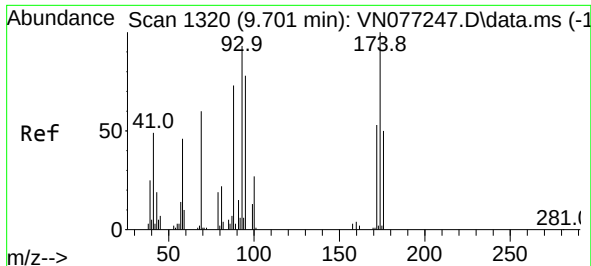
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#48
Methyl methacrylate
Concen: 20.403 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Tgt Ion: 41 Resp: 127822
Ion Ratio Lower Upper
41 100
69 90.7 70.7 106.1
39 52.4 40.6 61.0





#49

1,4-Dioxane

Concen: 426.906 ug/l

RT: 9.701 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077247.D

Acq: 31 Mar 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

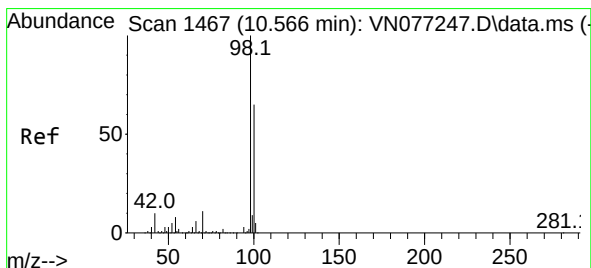
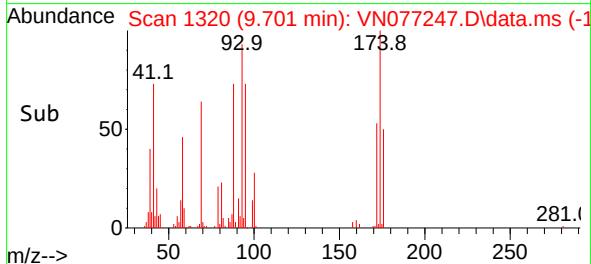
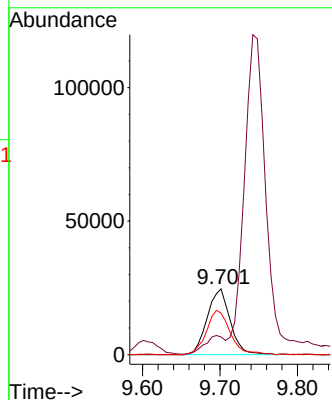
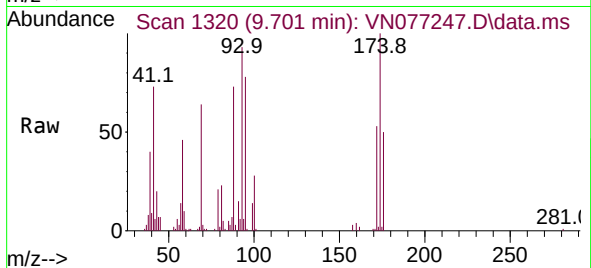
Tgt Ion: 88	Resp: 50879
Ion Ratio	Lower Upper
88 100	
43 24.9	21.2 31.8
58 69.7	56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#50

Toluene-d8

Concen: 21.480 ug/l

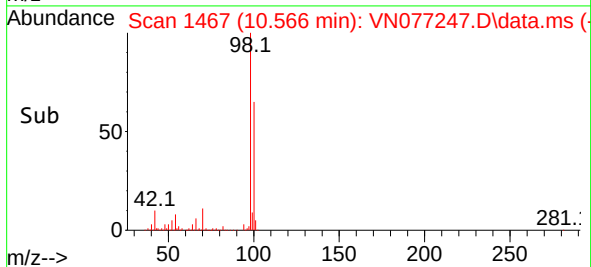
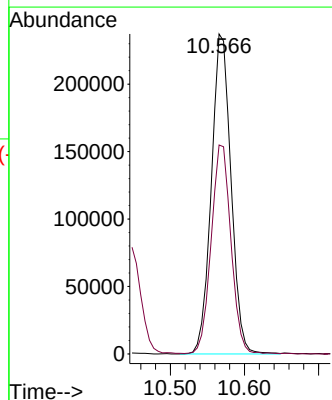
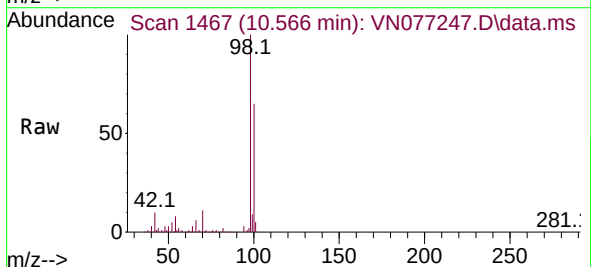
RT: 10.566 min Scan# 1467

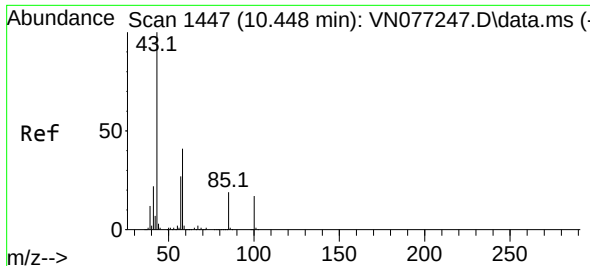
Delta R.T. 0.000 min

Lab File: VN077247.D

Acq: 31 Mar 2023 11:33

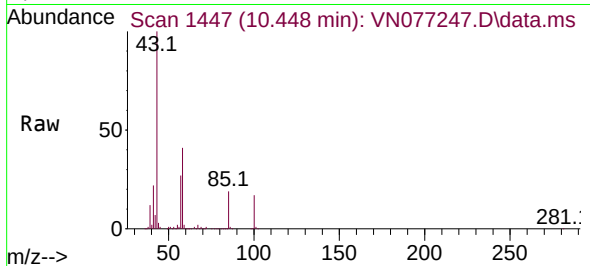
Tgt Ion: 98	Resp: 436656
Ion Ratio	Lower Upper
98 100	
100 65.5	52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 105.055 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

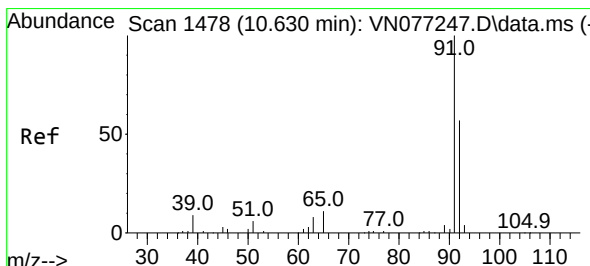
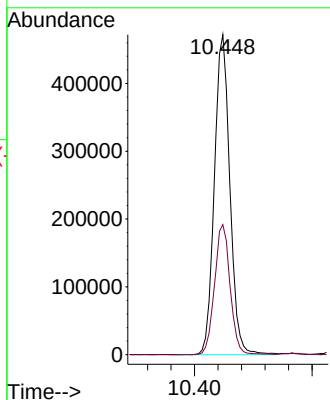
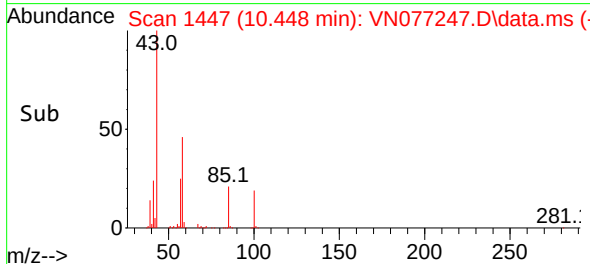
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



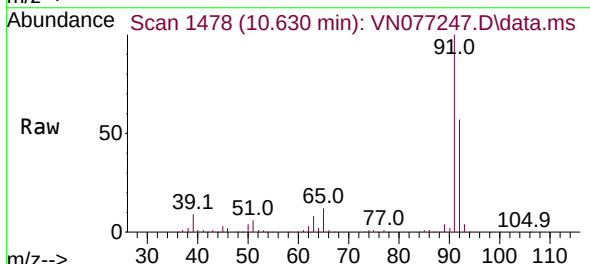
Tgt Ion: 43 Resp: 863968
Ion Ratio Lower Upper
43 100
58 40.9 33.3 49.9

Manual Integrations
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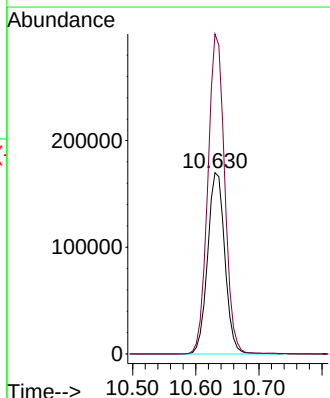
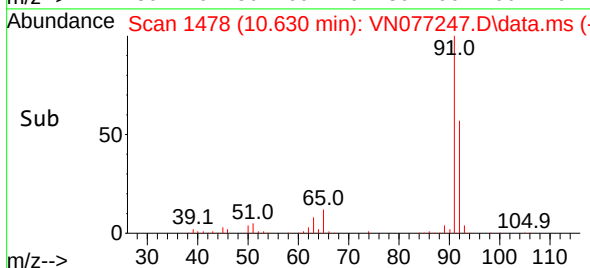
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

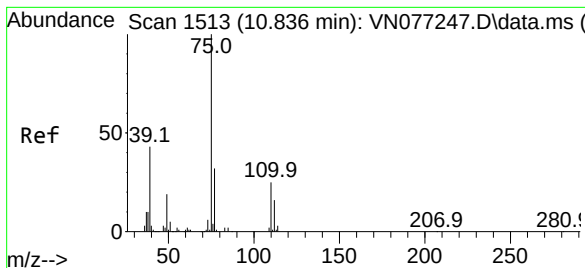


#52
Toluene
Concen: 20.498 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33



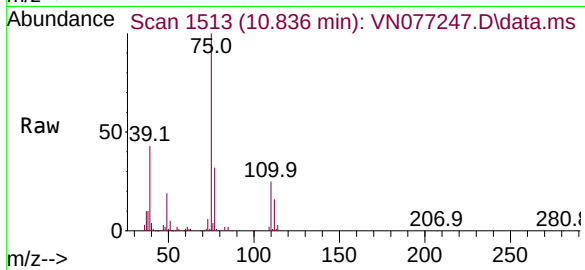
Tgt Ion: 92 Resp: 321250
Ion Ratio Lower Upper
92 100
91 172.6 138.8 208.2





#53
t-1,3-Dichloropropene
Concen: 20.868 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

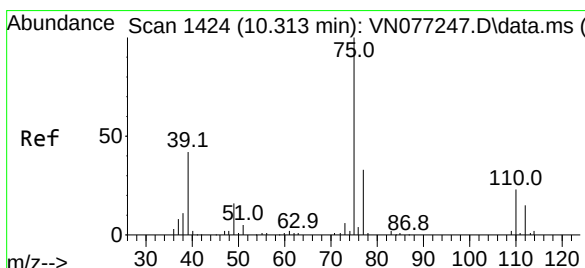
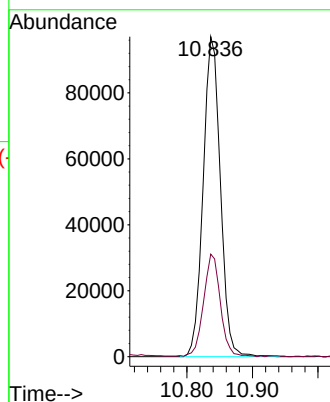
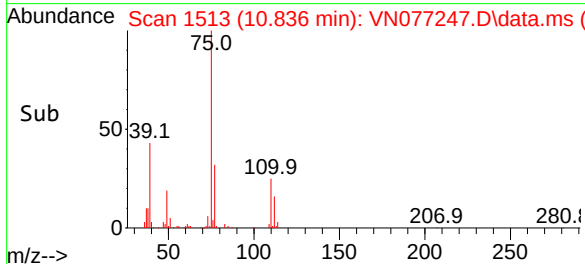
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



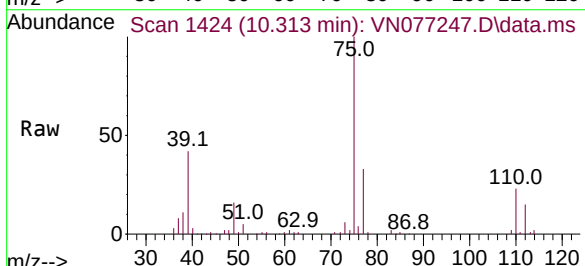
Tgt Ion: 75 Resp: 17758
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8

Manual Integrations
APPROVED

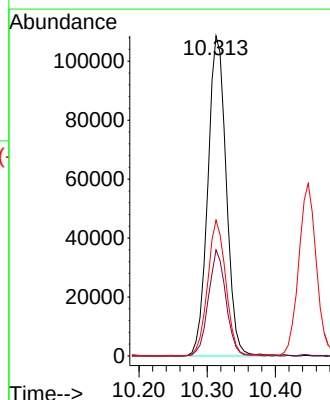
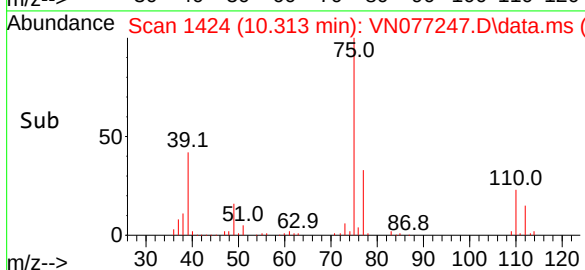
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

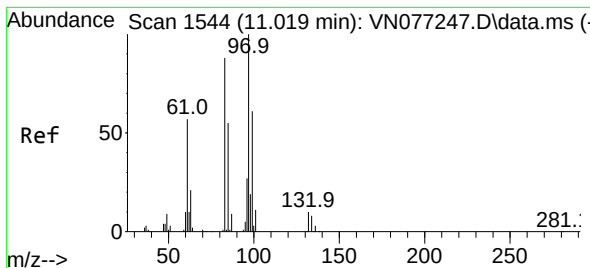


#54
cis-1,3-Dichloropropene
Concen: 20.632 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33



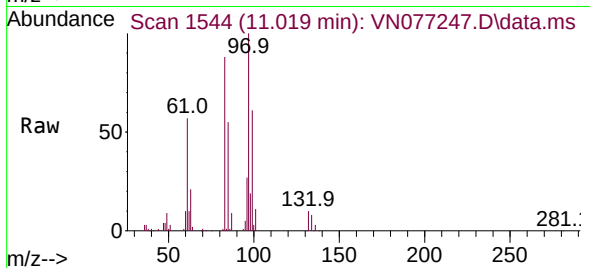
Tgt Ion: 75 Resp: 203976
Ion Ratio Lower Upper
75 100
77 33.1 24.8 37.2
39 42.5 33.3 49.9





#55
1,1,2-Trichloroethane
Concen: 19.662 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

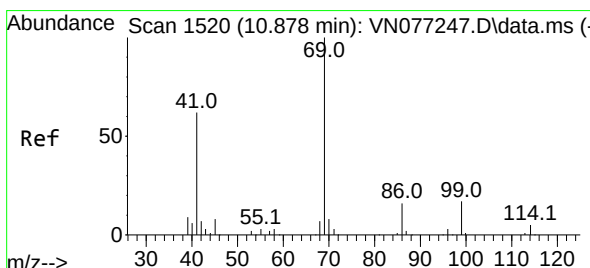
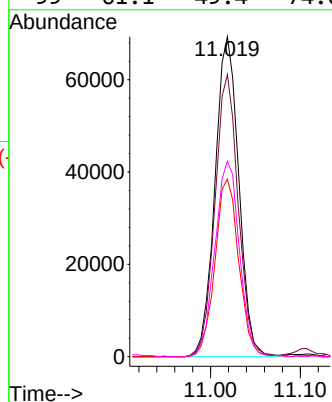
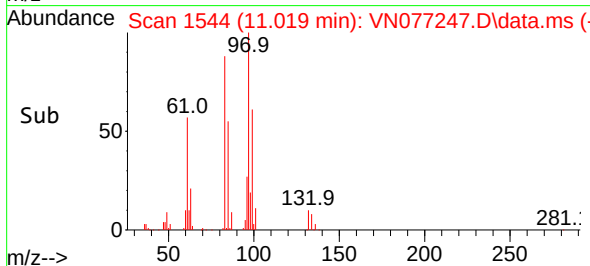
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 97 Resp: 127463
Ion Ratio Lower Upper
97 100
83 88.1 68.4 102.6
85 55.5 43.2 64.8
99 61.1 49.4 74.0

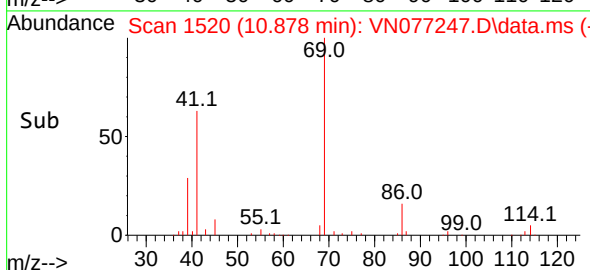
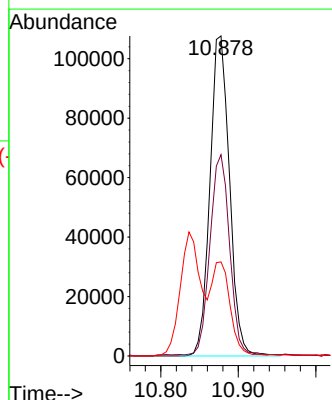
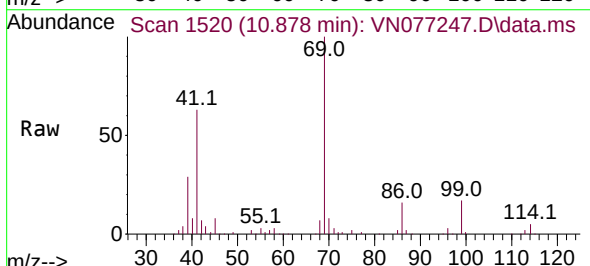
Manual Integrations
APPROVED

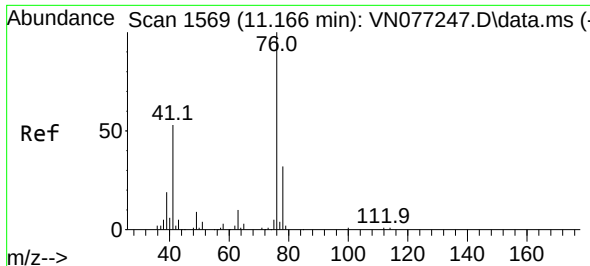
Reviewed By :John Carbone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#56
Ethyl methacrylate
Concen: 21.035 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Tgt Ion: 69 Resp: 188771
Ion Ratio Lower Upper
69 100
41 64.4 49.9 74.9
39 27.3 21.9 32.9





#57

1,3-Dichloropropane

Concen: 20.291 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077247.D

Acq: 31 Mar 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 223449

Ion Ratio Lower Upper

76 100

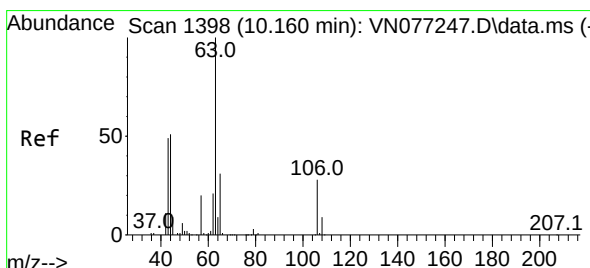
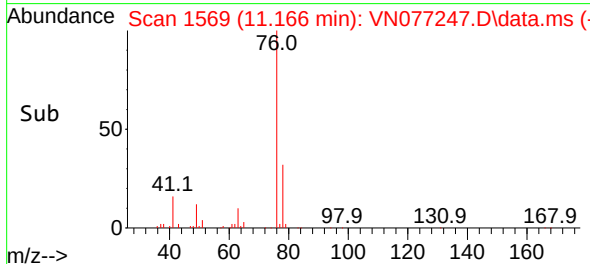
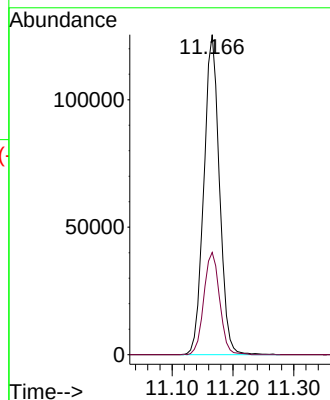
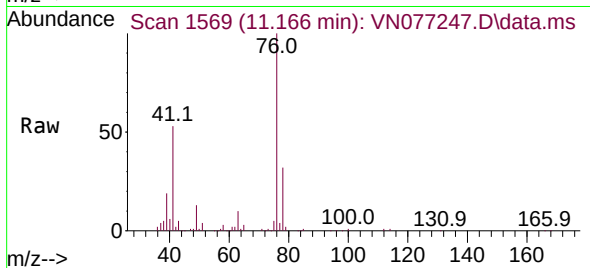
78 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#58

2-Chloroethyl Vinyl ether

Concen: 102.366 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VN077247.D

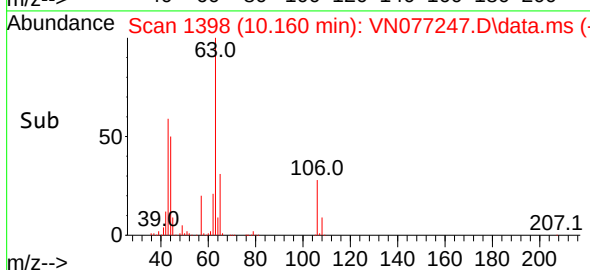
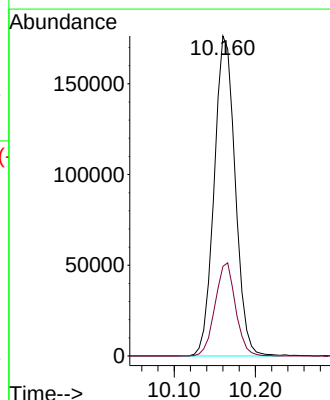
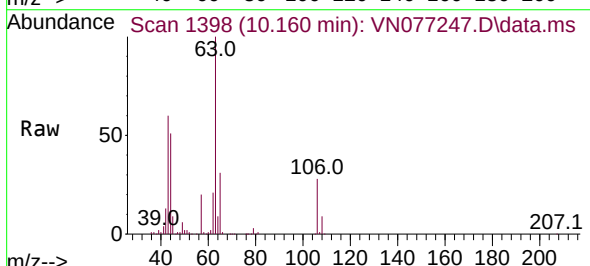
Acq: 31 Mar 2023 11:33

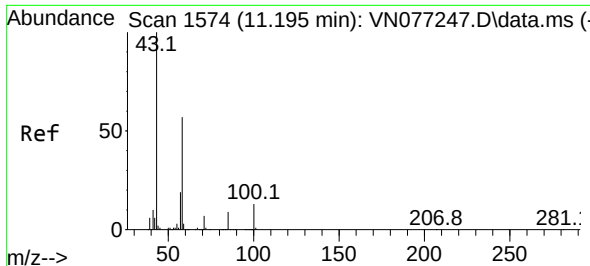
Tgt Ion: 63 Resp: 317554

Ion Ratio Lower Upper

63 100

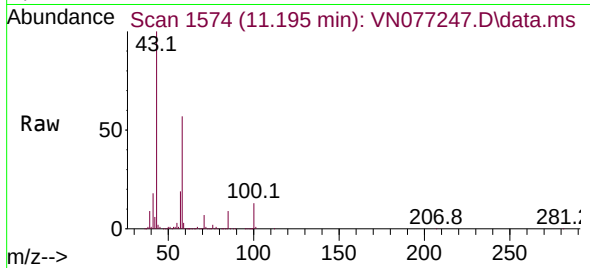
106 28.4 22.6 33.8





#59
2-Hexanone
Concen: 105.535 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

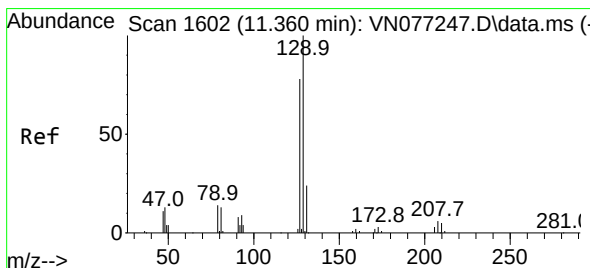
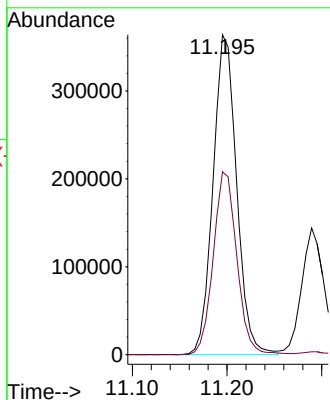
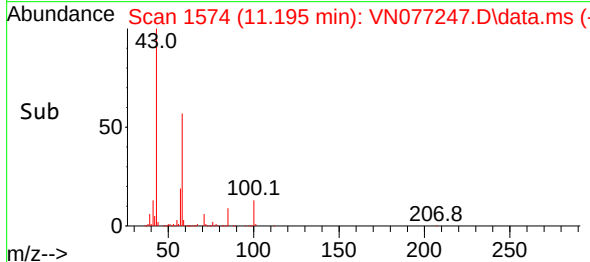
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



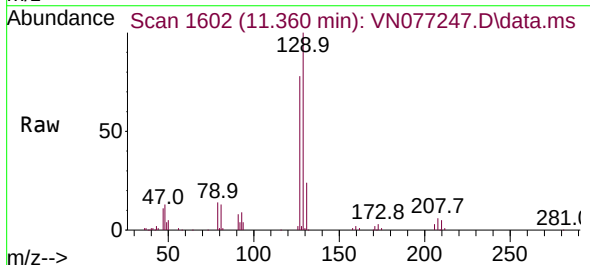
Tgt Ion: 43 Resp: 62986
Ion Ratio Lower Upper
43 100
58 57.3 29.3 88.0

Manual Integrations
APPROVED

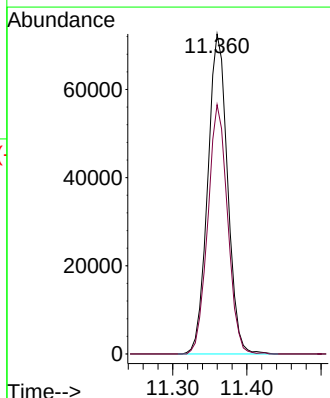
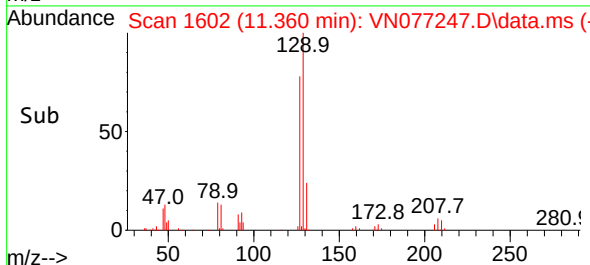
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

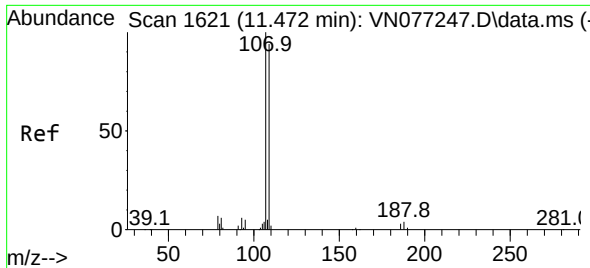


#60
Dibromochloromethane
Concen: 20.013 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33



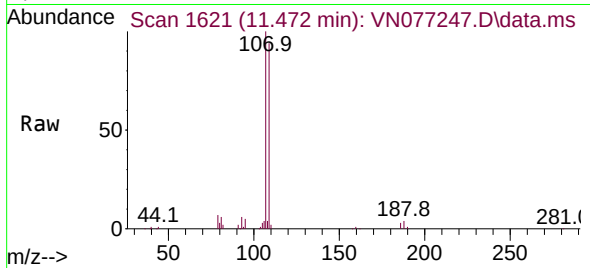
Tgt Ion:129 Resp: 134797
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.3





#61
1,2-Dibromoethane
Concen: 20.233 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

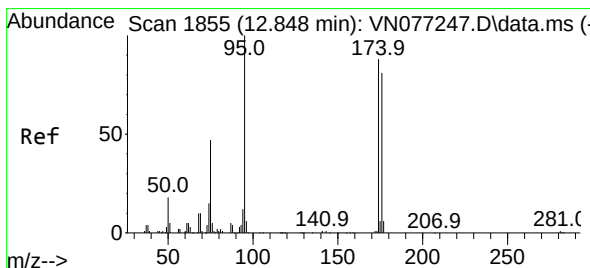
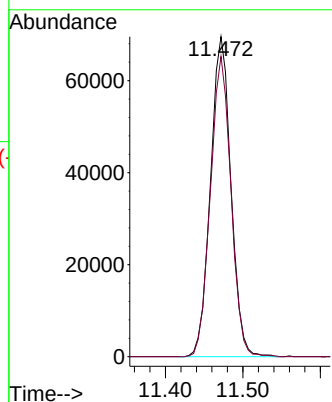
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:107 Resp: 12734
Ion Ratio Lower Upper
107 100
109 94.3 75.7 113.5

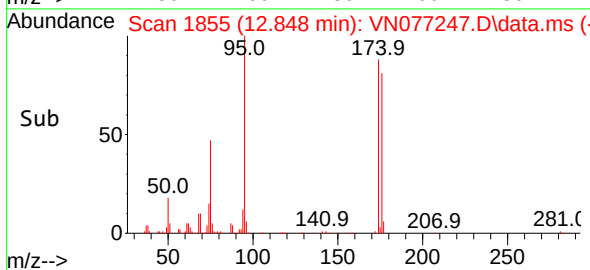
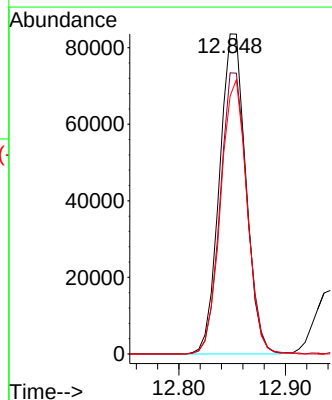
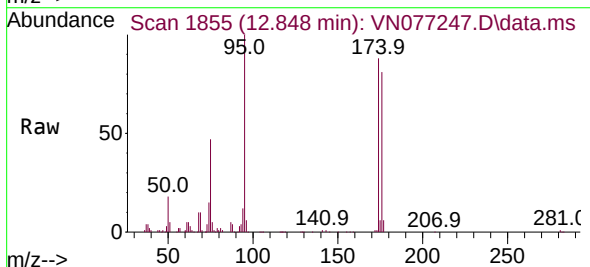
Manual Integrations
APPROVED

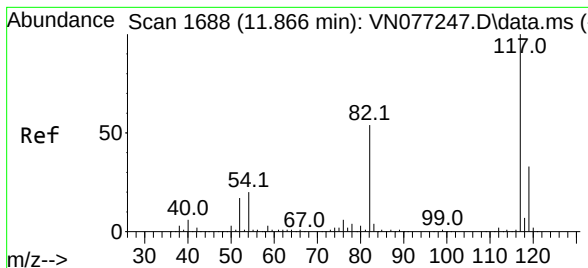
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#62
4-Bromofluorobenzene
Concen: 21.358 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

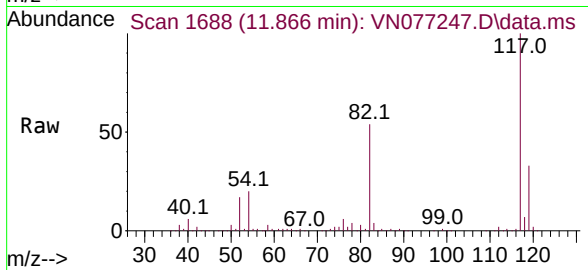
Tgt Ion: 95 Resp: 143727
Ion Ratio Lower Upper
95 100
174 89.2 0.0 179.2
176 85.5 0.0 171.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

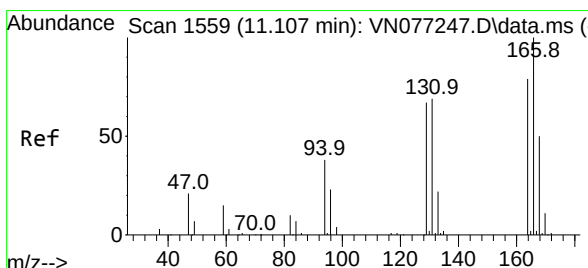
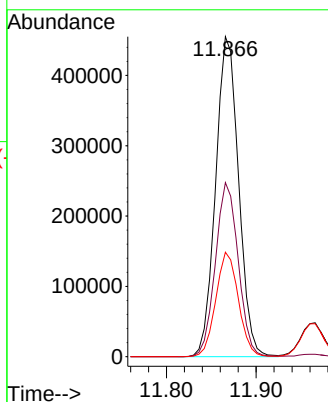
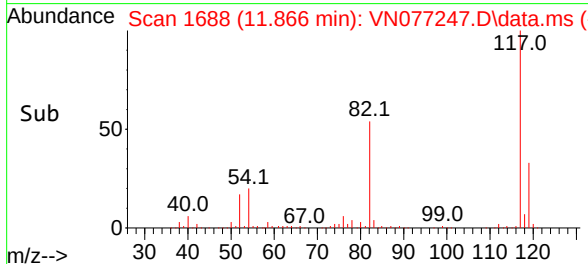
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



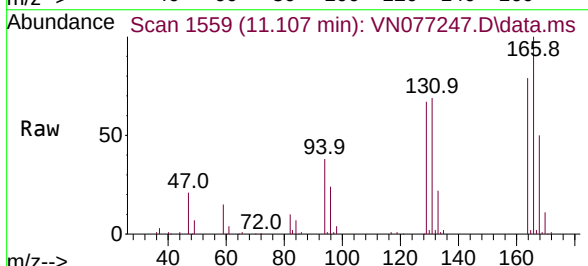
Tgt Ion:117 Resp: 81081
Ion Ratio Lower Upper
117 100
82 54.4 42.9 64.3
119 32.6 25.3 37.9

Manual Integrations
APPROVED

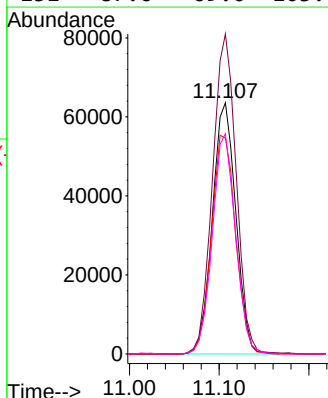
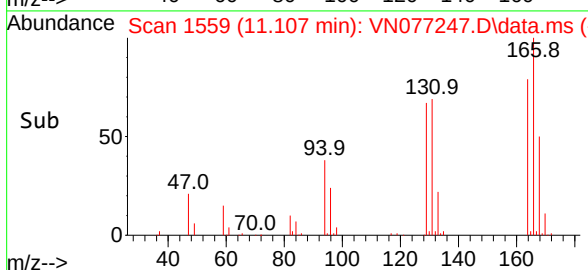
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

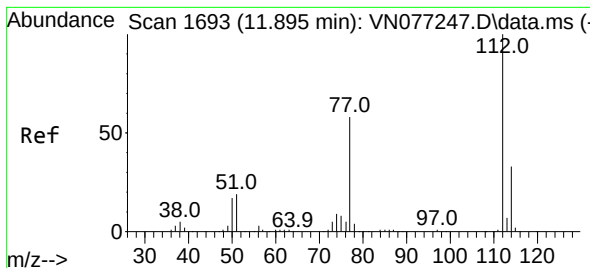


#64
Tetrachloroethene
Concen: 19.475 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33



Tgt Ion:164 Resp: 115620
Ion Ratio Lower Upper
164 100
166 127.3 106.0 159.0
129 85.9 72.4 108.6
131 87.6 69.0 103.6





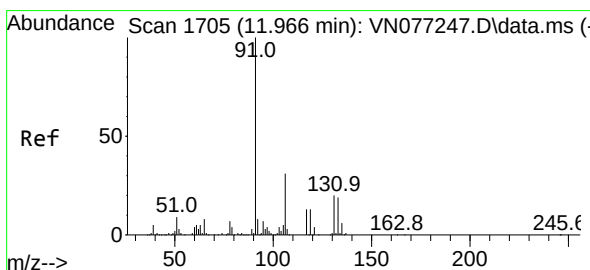
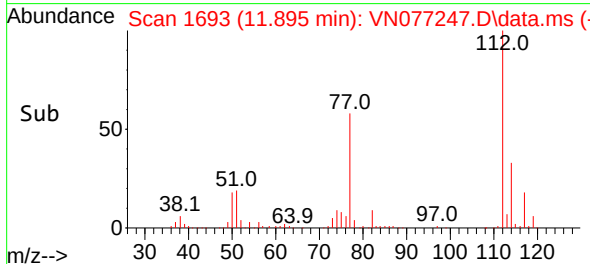
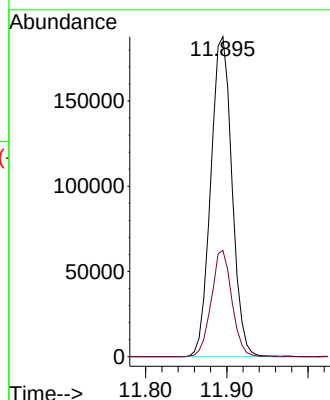
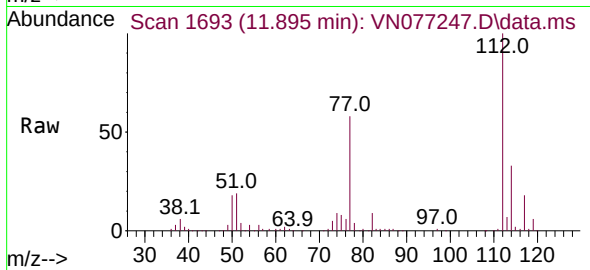
#65
Chlorobenzene
Concen: 19.916 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 340923
Ion Ratio Lower Upper
112 100
114 33.2 25.9 38.9

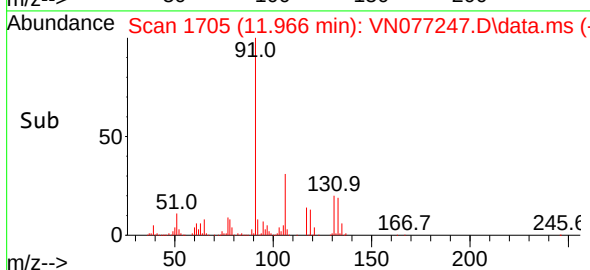
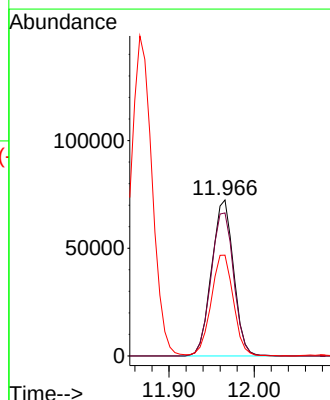
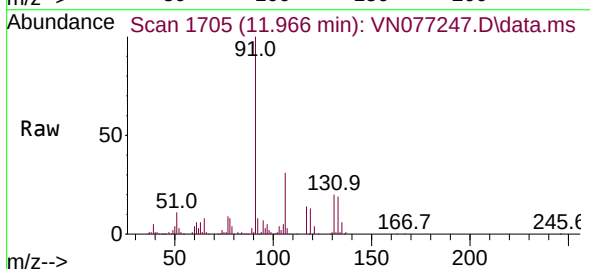
Manual Integrations
APPROVED

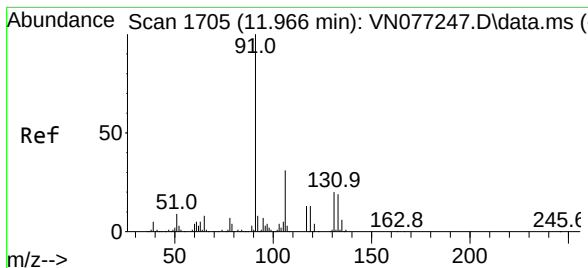
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.796 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

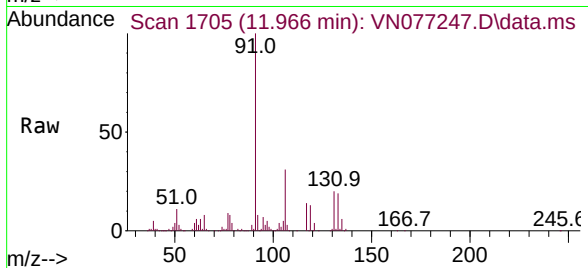
Tgt Ion:131 Resp: 129868
Ion Ratio Lower Upper
131 100
133 95.0 46.5 139.5
119 65.5 32.0 96.2





#67
Ethyl Benzene
Concen: 20.609 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

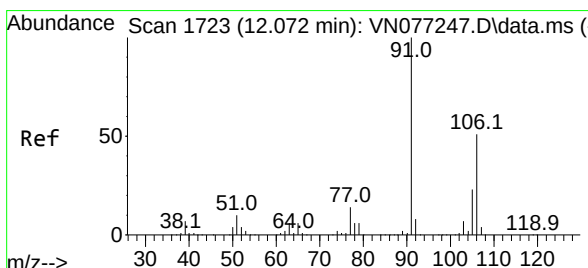
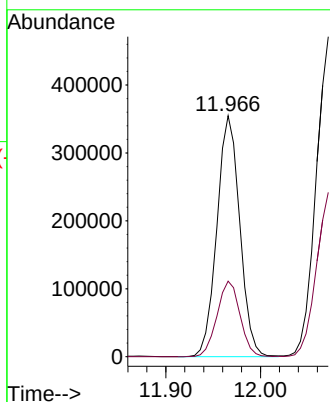
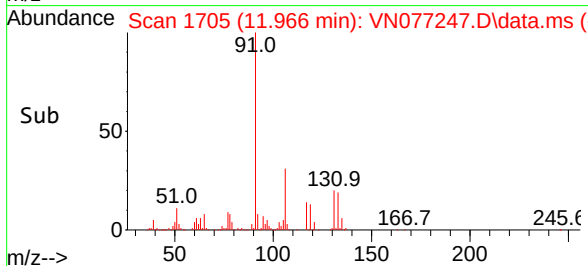
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



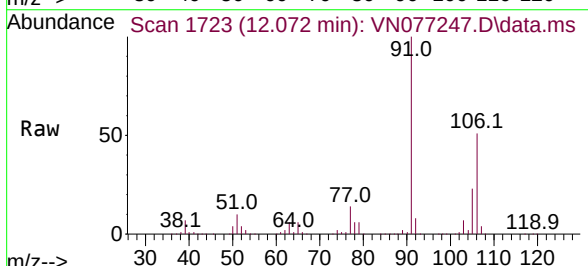
Tgt Ion: 91 Resp: 594793
Ion Ratio Lower Upper
91 100
106 31.3 24.3 36.5

Manual Integrations
APPROVED

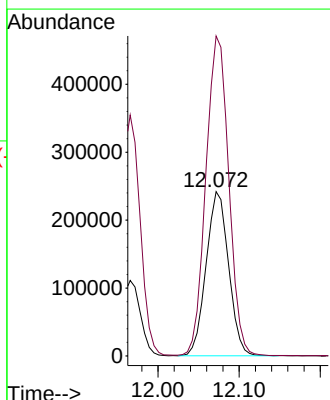
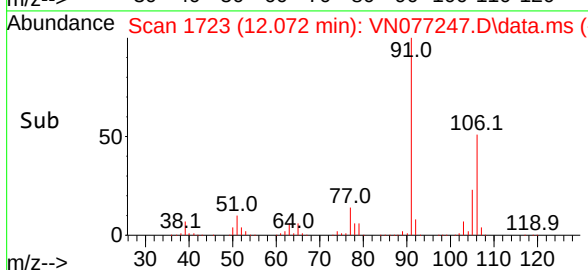
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

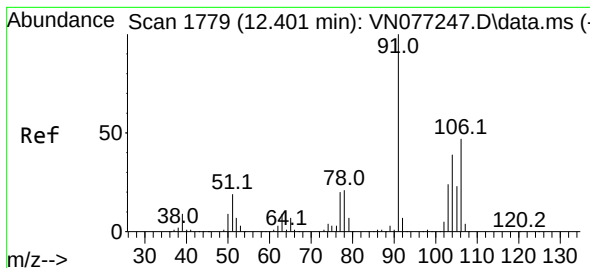


#68
m/p-Xylenes
Concen: 41.445 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33



Tgt Ion:106 Resp: 465220
Ion Ratio Lower Upper
106 100
91 198.1 158.6 238.0





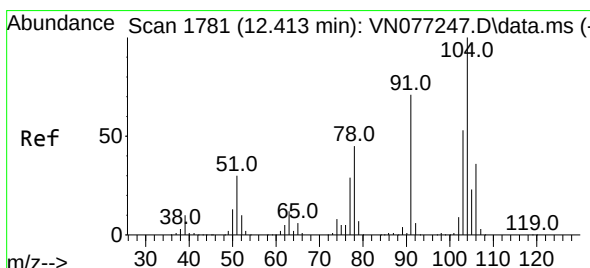
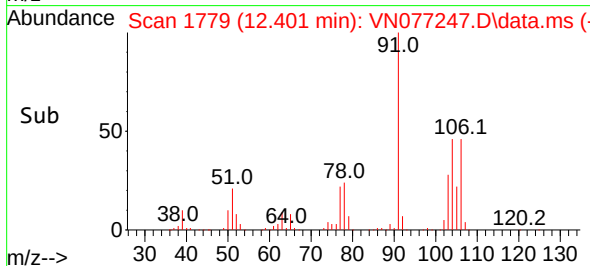
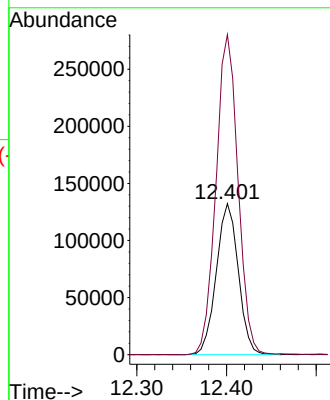
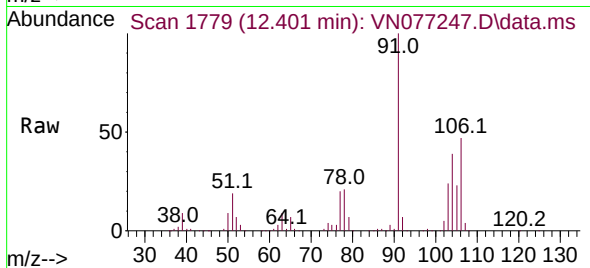
#69
o-Xylene
Concen: 20.798 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 22512
Ion Ratio Lower Upper
106 100
91 212.6 104.7 314.1

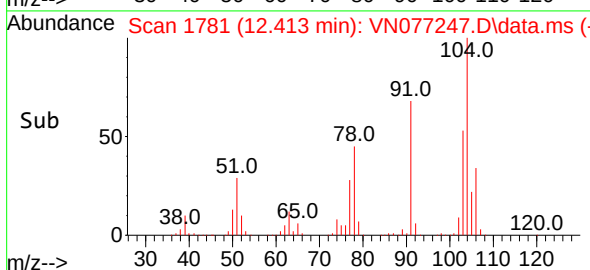
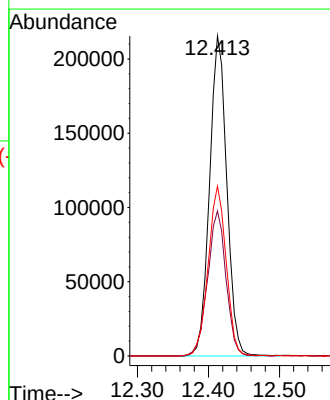
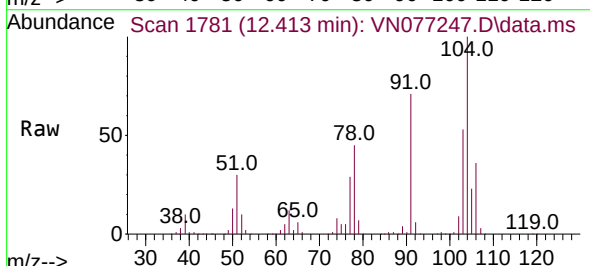
Manual Integrations
APPROVED

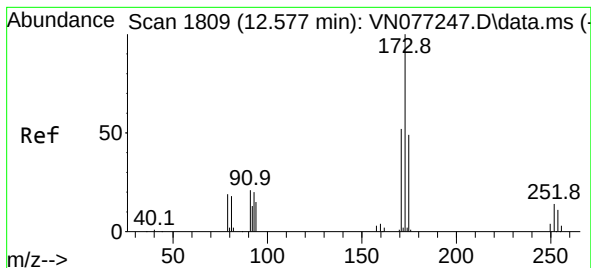
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#70
Styrene
Concen: 21.110 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Tgt Ion:104 Resp: 363794
Ion Ratio Lower Upper
104 100
78 48.3 38.7 58.1
103 55.4 44.5 66.7





#71

Bromoform

Concen: 19.997 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VN077247.D

Acq: 31 Mar 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:173 Resp: 102974

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.8

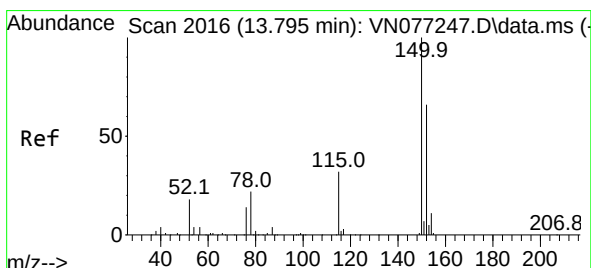
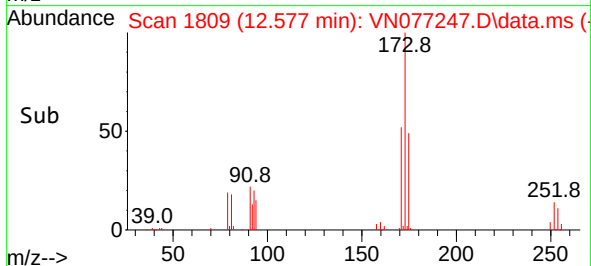
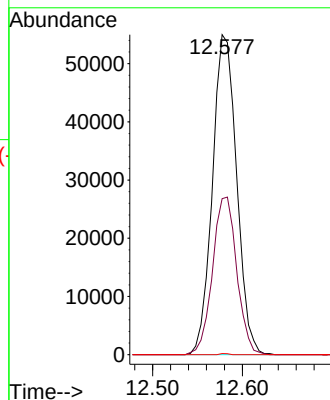
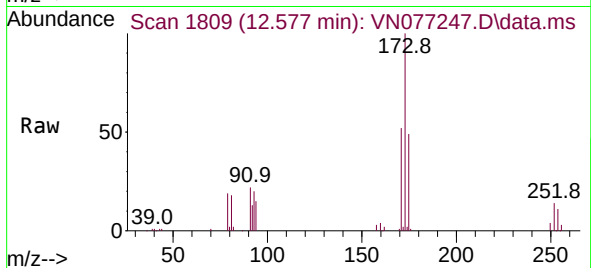
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN077247.D

Acq: 31 Mar 2023 11:33

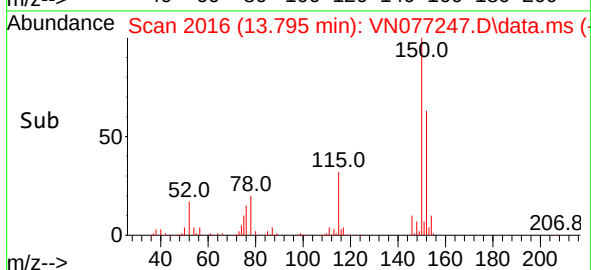
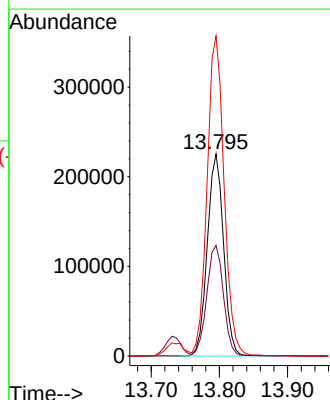
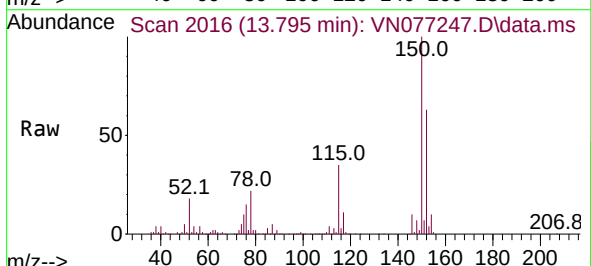
Tgt Ion:152 Resp: 373483

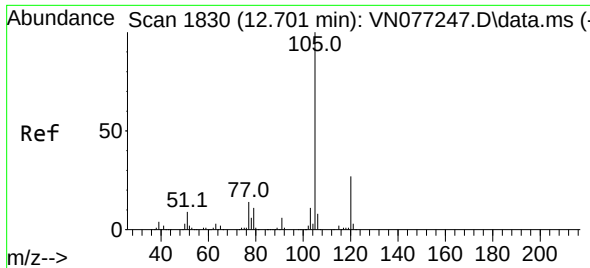
Ion Ratio Lower Upper

152 100

115 56.4 27.9 83.6

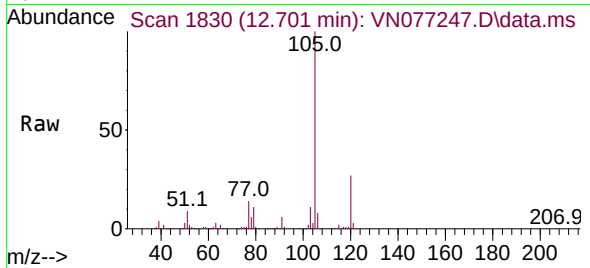
150 165.1 0.0 346.4





#73
Isopropylbenzene
Concen: 20.889 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

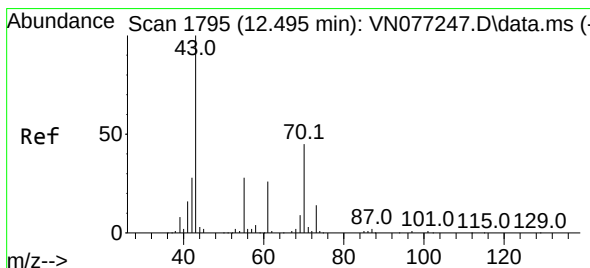
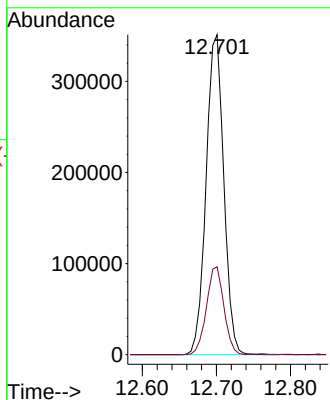
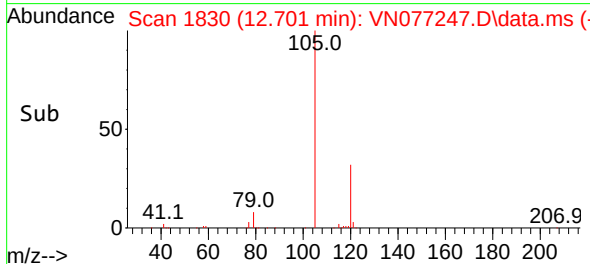
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:105 Resp: 58176
Ion Ratio Lower Upper
105 100
120 27.2 13.7 41.1

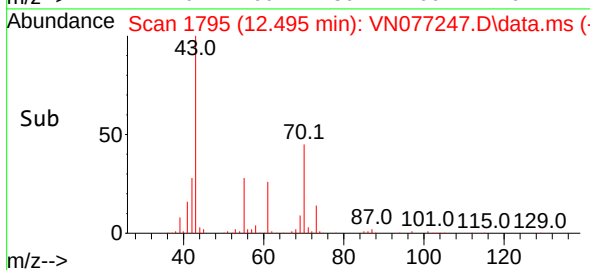
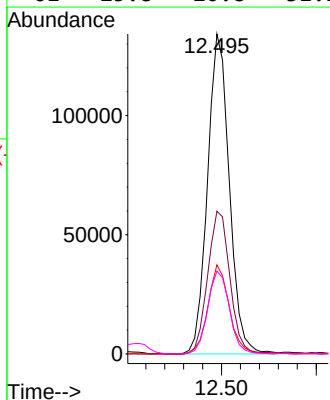
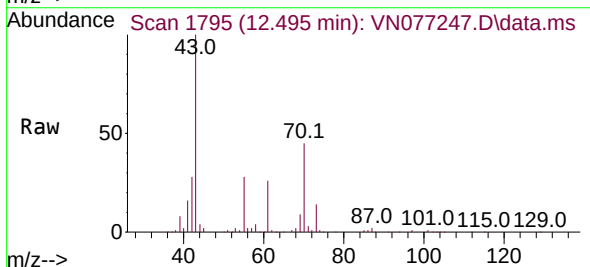
Manual Integrations
APPROVED

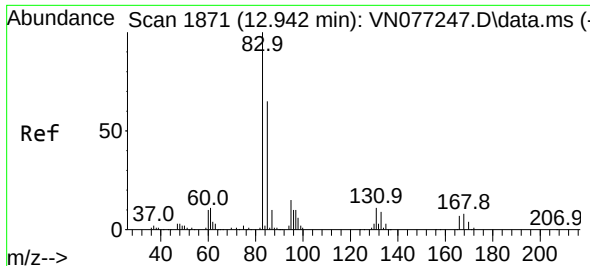
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#74
N-ethyl acetate
Concen: 20.882 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

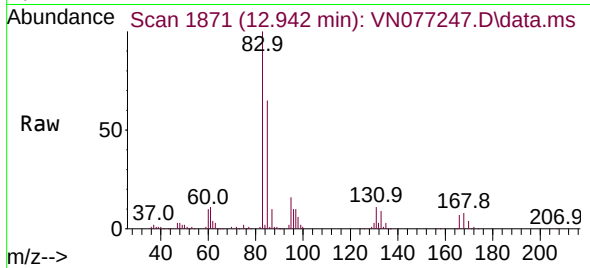
Tgt Ion: 43 Resp: 214411
Ion Ratio Lower Upper
43 100
70 45.5 37.5 56.3
55 27.2 21.4 32.0
61 25.8 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.597 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

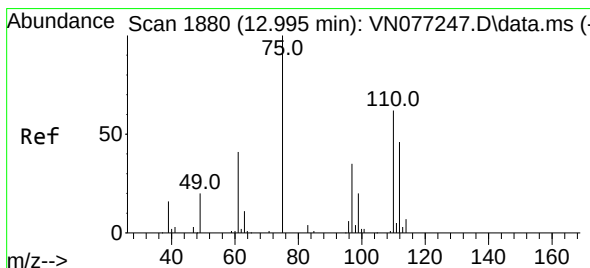
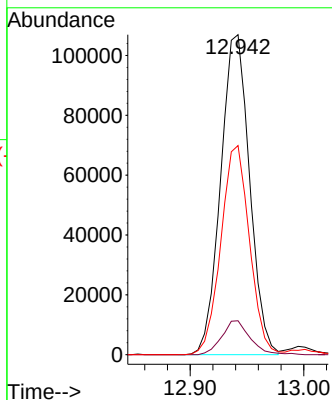
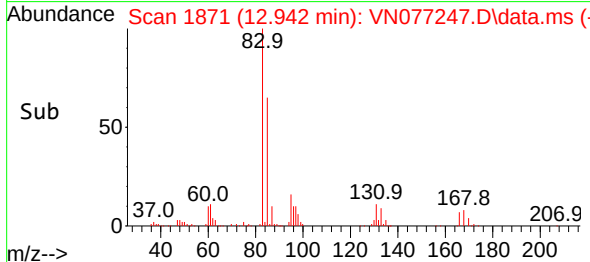
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 189810
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 64.6 32.3 96.9

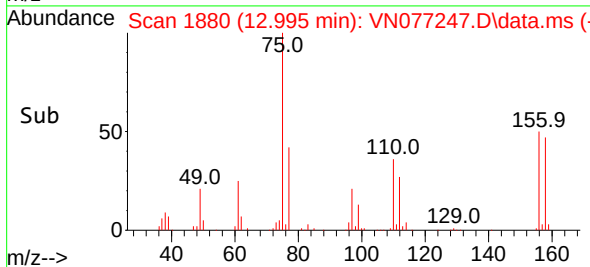
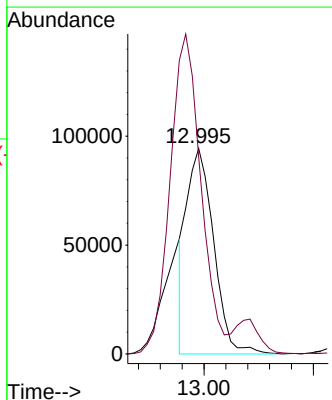
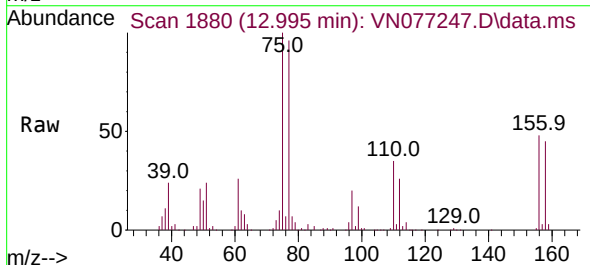
Manual Integrations
APPROVED

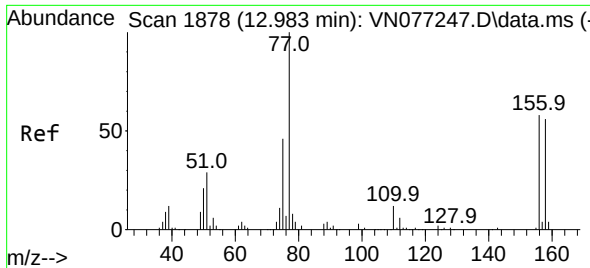
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#76
1,2,3-Trichloropropane
Concen: 20.601 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

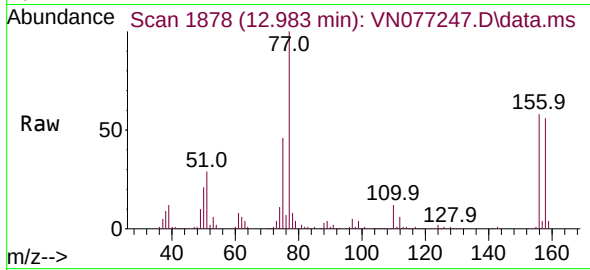
Tgt Ion: 75 Resp: 162084
Ion Ratio Lower Upper
75 100
77 176.9 93.7 280.9





#77
Bromobenzene
Concen: 19.786 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

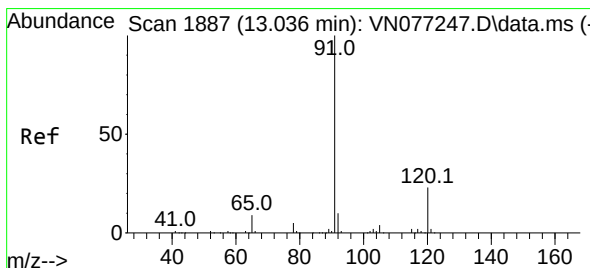
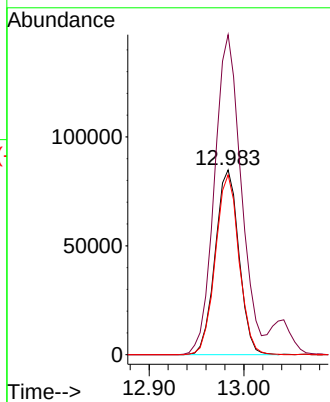
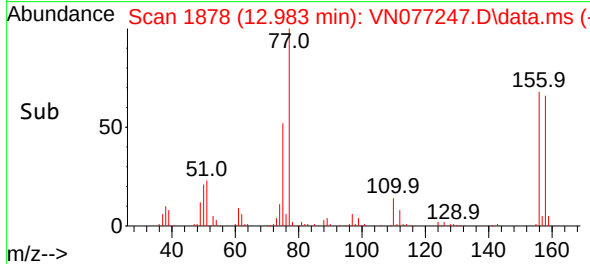
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:156 Resp: 14756
Ion Ratio Lower Upper
156 100
77 194.3 97.0 291.2
158 96.7 49.1 147.3

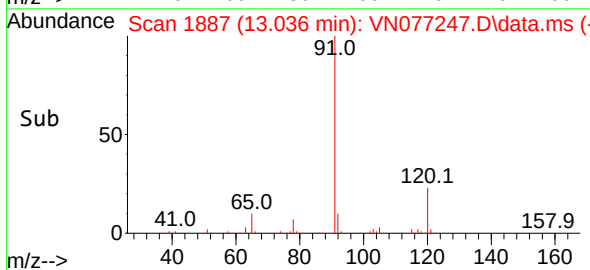
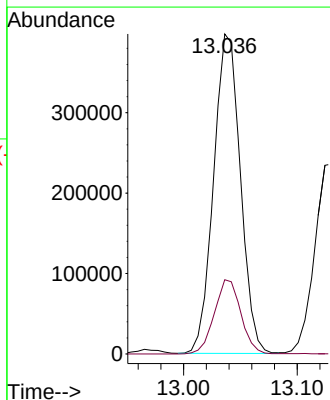
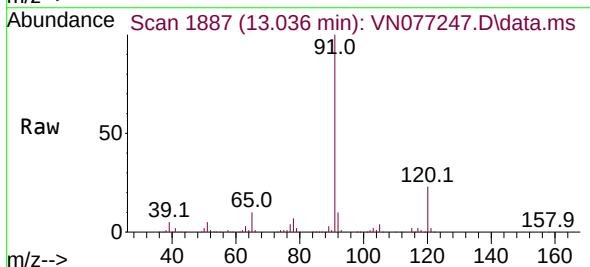
Manual Integrations
APPROVED

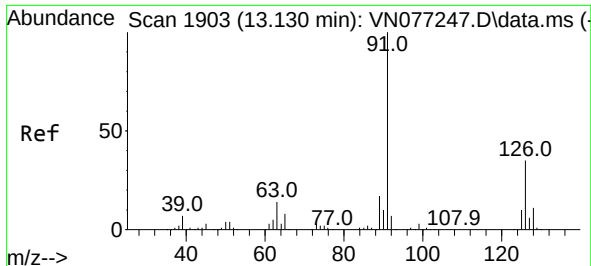
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#78
n-propylbenzene
Concen: 21.213 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Tgt Ion: 91 Resp: 651523
Ion Ratio Lower Upper
91 100
120 23.0 11.7 35.1





#79

2-Chlorotoluene

Concen: 20.597 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VN077247.D

Acq: 31 Mar 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 406915

Ion Ratio Lower Upper

91 100

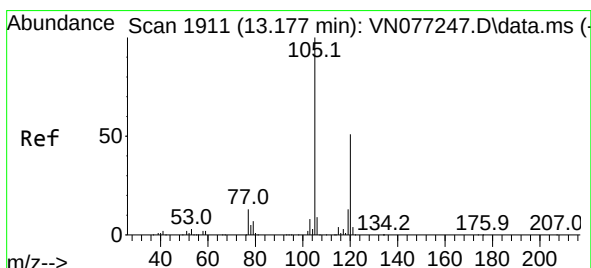
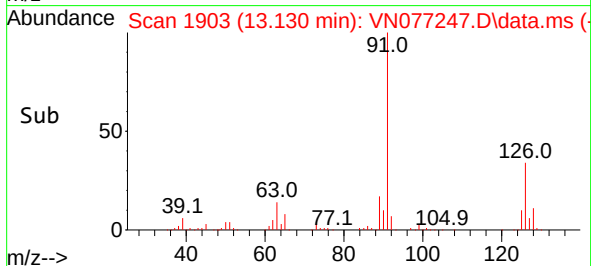
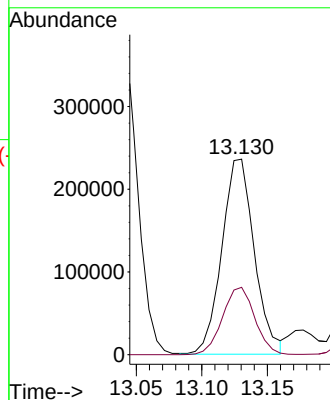
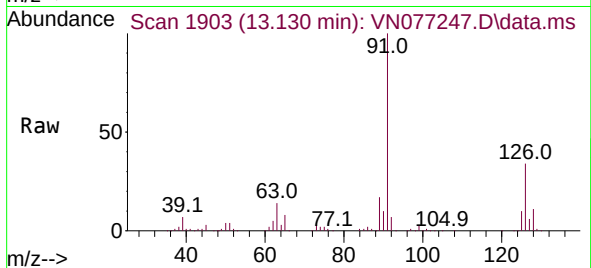
126 34.3 17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#80

1,3,5-Trimethylbenzene

Concen: 21.533 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077247.D

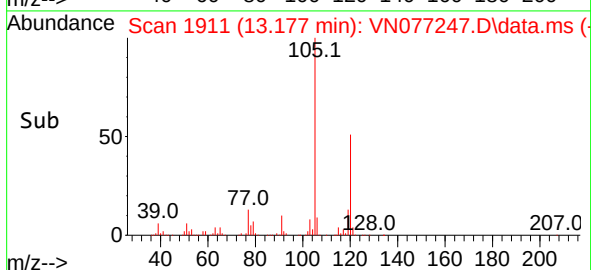
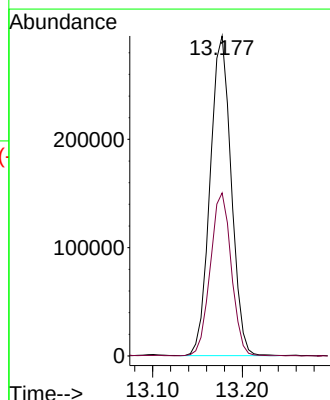
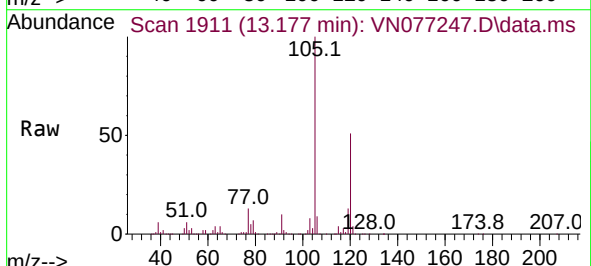
Acq: 31 Mar 2023 11:33

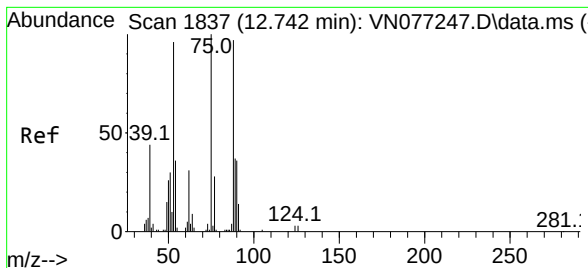
Tgt Ion:105 Resp: 482052

Ion Ratio Lower Upper

105 100

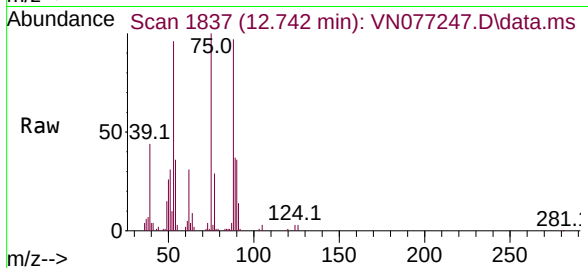
120 50.5 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 23.423 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

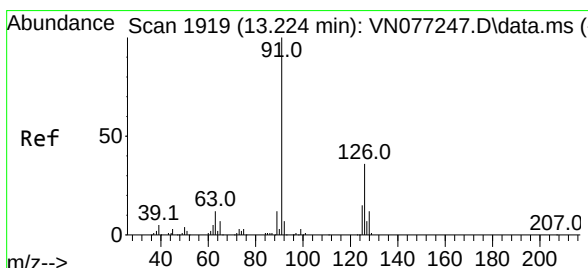
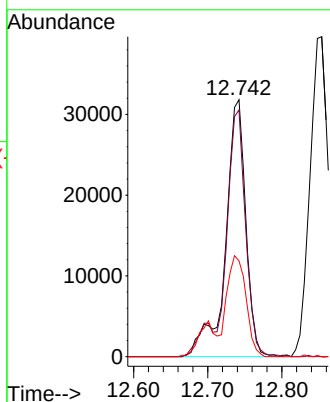
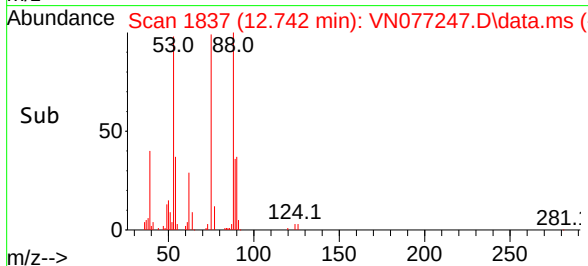
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



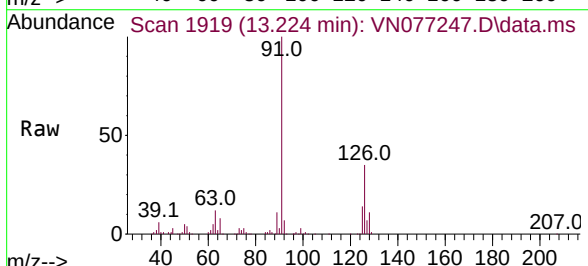
Tgt Ion: 75 Resp: 60848
Ion Ratio Lower Upper
75 100
53 85.4 74.1 111.1
89 37.2 36.3 54.5

Manual Integrations
APPROVED

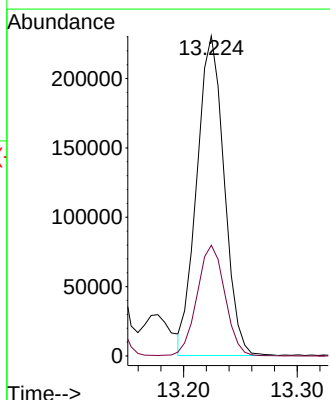
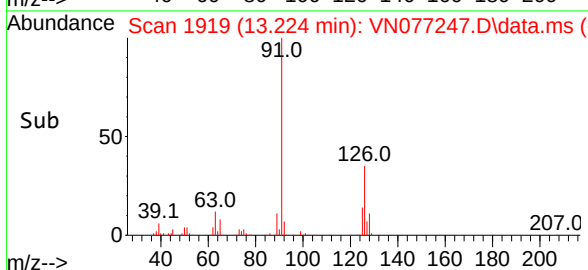
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

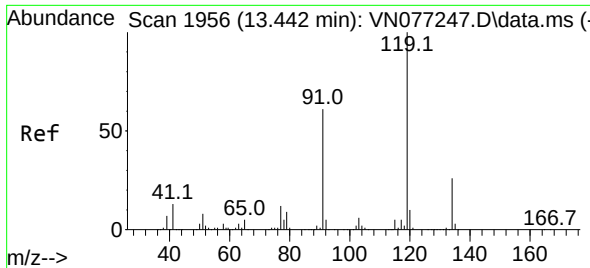


#82
4-Chlorotoluene
Concen: 20.746 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33



Tgt Ion: 91 Resp: 385122
Ion Ratio Lower Upper
91 100
126 35.4 17.6 52.8





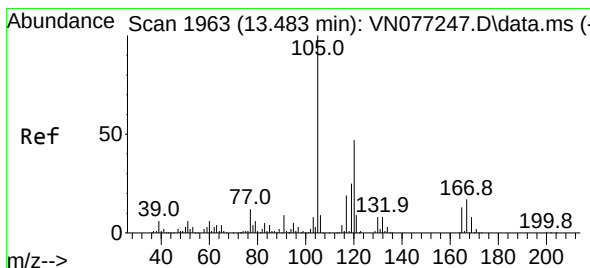
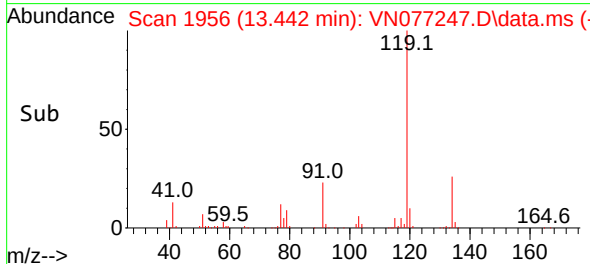
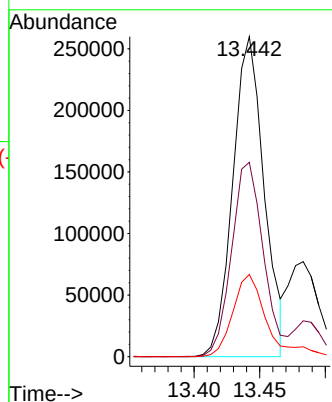
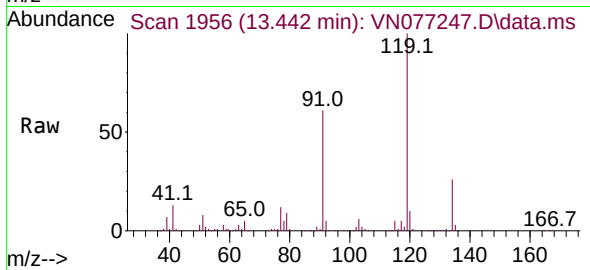
#83
tert-Butylbenzene
Concen: 21.116 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 430697
Ion Ratio Lower Upper
119 100
91 62.4 31.4 94.0
134 27.9 13.7 41.0

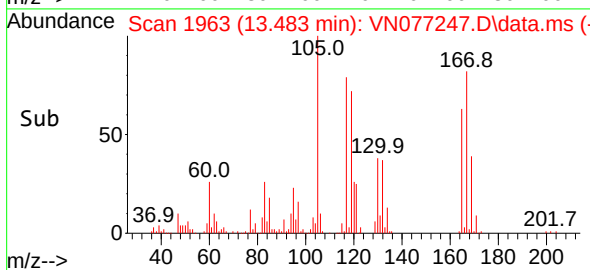
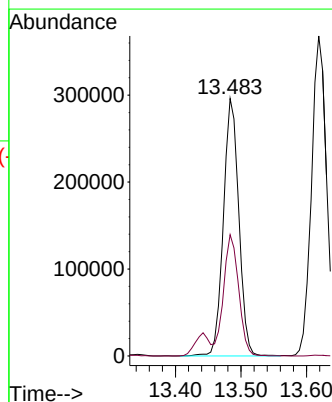
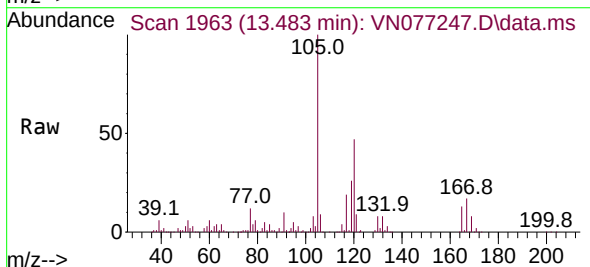
Manual Integrations
APPROVED

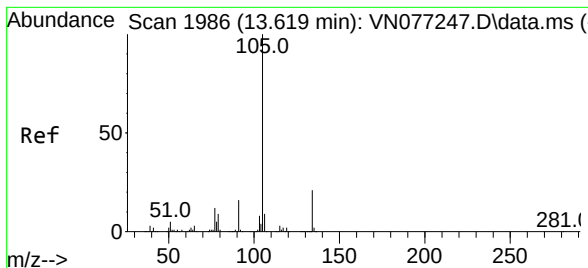
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#84
1,2,4-Trimethylbenzene
Concen: 22.028 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

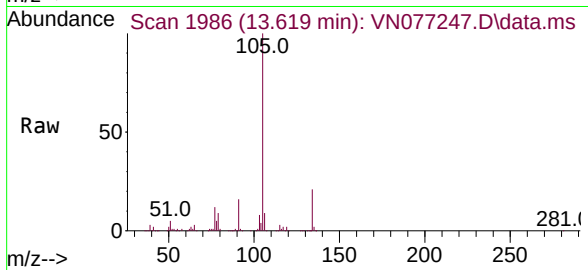
Tgt Ion:105 Resp: 481604
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.0





#85
 sec-Butylbenzene
 Concen: 21.336 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077247.D
 Acq: 31 Mar 2023 11:33

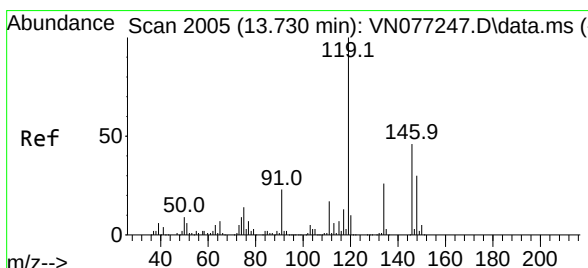
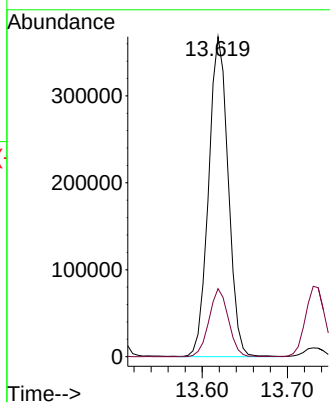
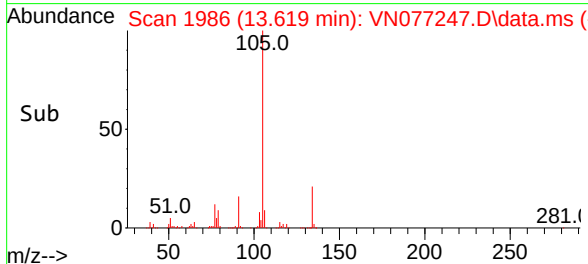
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion:105 Resp: 58756
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.2

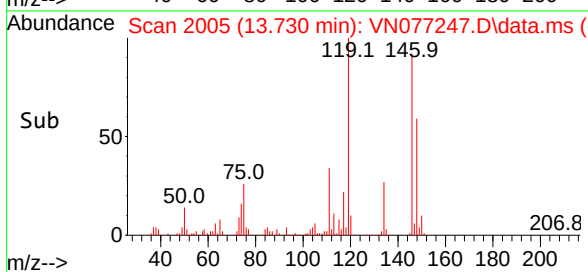
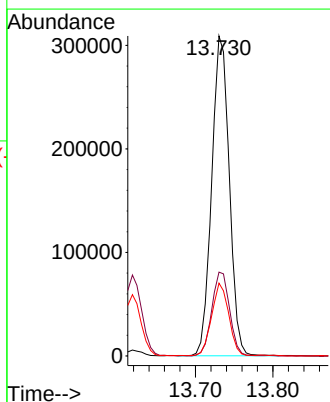
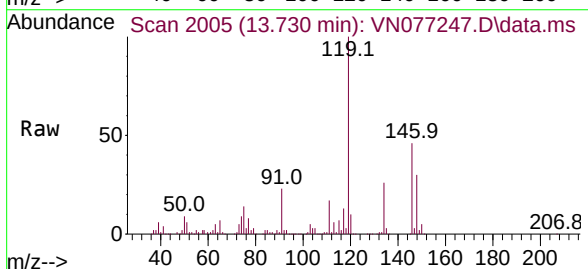
Manual Integrations
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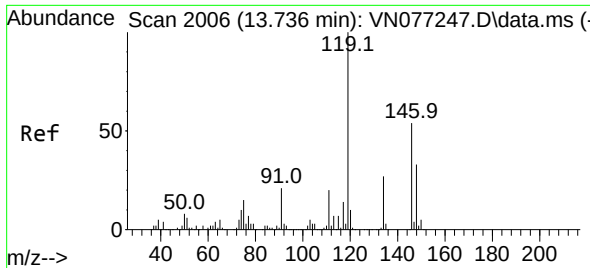
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#86
 p-Isopropyltoluene
 Concen: 21.651 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077247.D
 Acq: 31 Mar 2023 11:33

Tgt Ion:119 Resp: 486300
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.4
 91 22.0 10.9 32.6





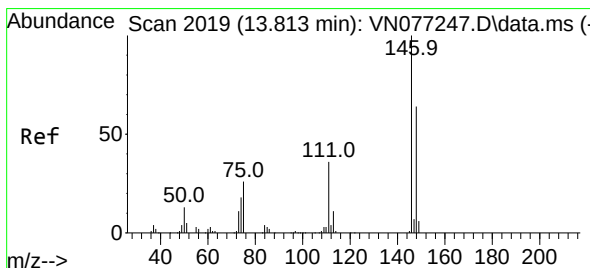
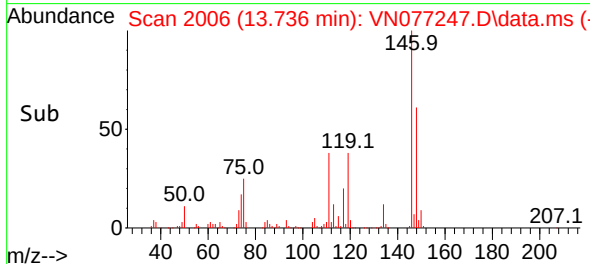
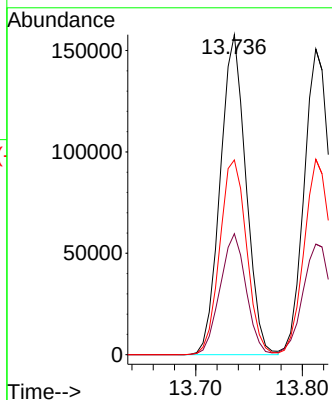
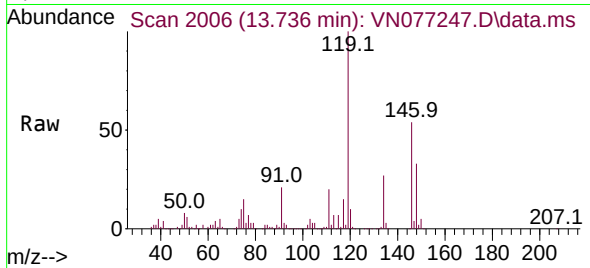
#87
1,3-Dichlorobenzene
Concen: 20.197 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 264280
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.1
148 63.5 31.9 95.9

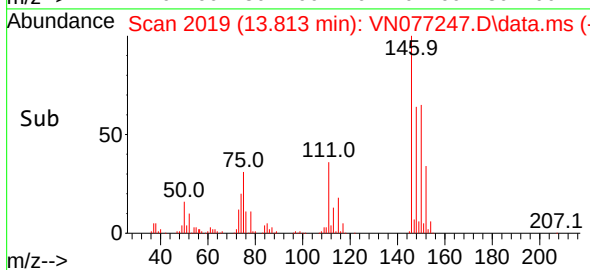
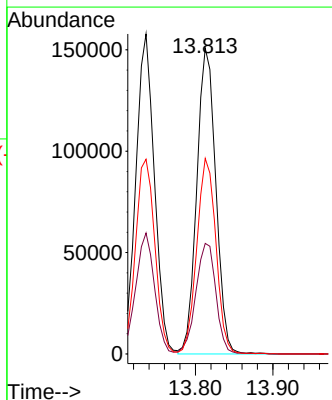
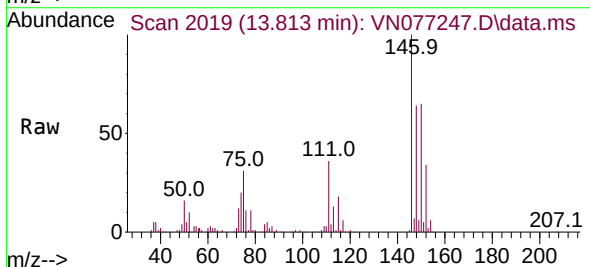
Manual Integrations
APPROVED

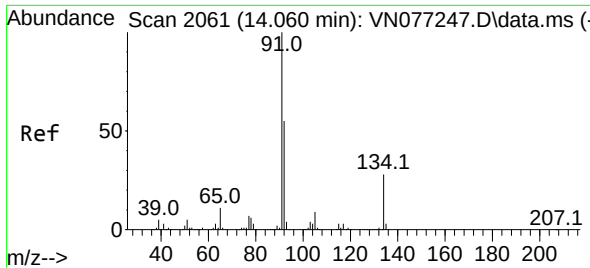
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#88
1,4-Dichlorobenzene
Concen: 19.976 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Tgt Ion:146 Resp: 257897
Ion Ratio Lower Upper
146 100
111 37.7 18.6 56.0
148 64.4 31.9 95.5





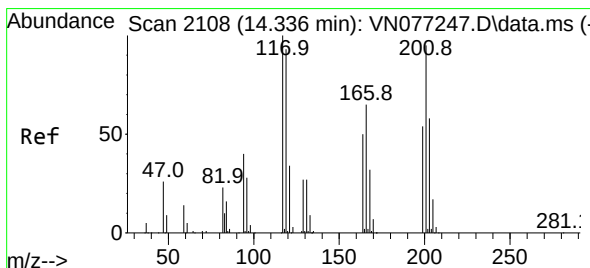
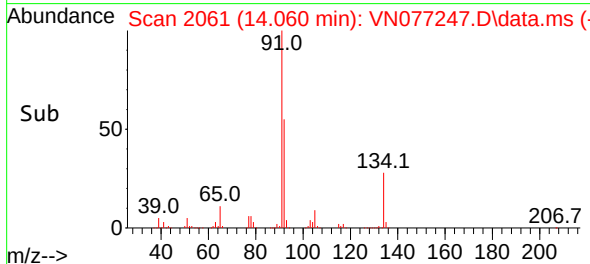
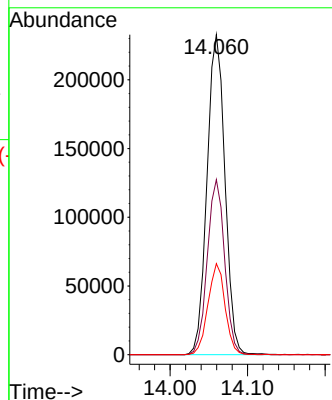
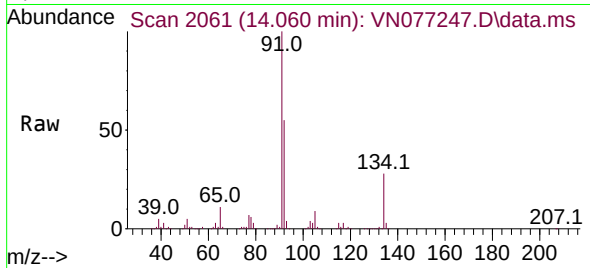
#89
n-Butylbenzene
Concen: 20.778 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 373790
Ion Ratio Lower Upper
91 100
92 52.8 27.0 80.8
134 27.1 13.6 40.7

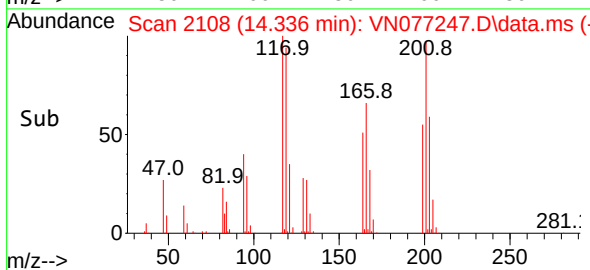
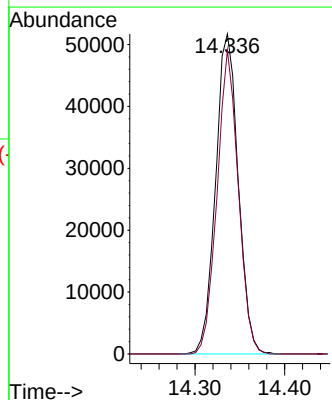
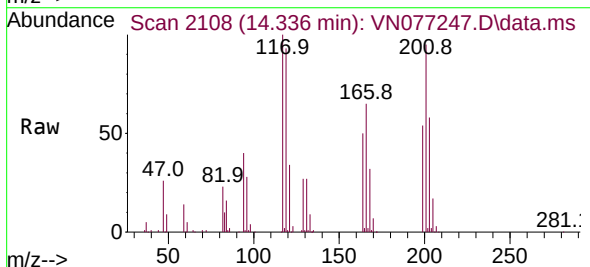
Manual Integrations
APPROVED

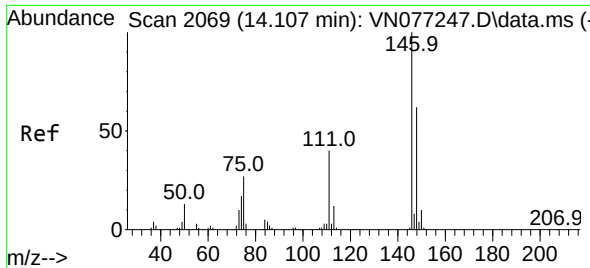
Reviewed By :John Carbone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#90
Hexachloroethane
Concen: 19.367 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Tgt Ion:117 Resp: 90492
Ion Ratio Lower Upper
117 100
201 89.1 45.1 135.2





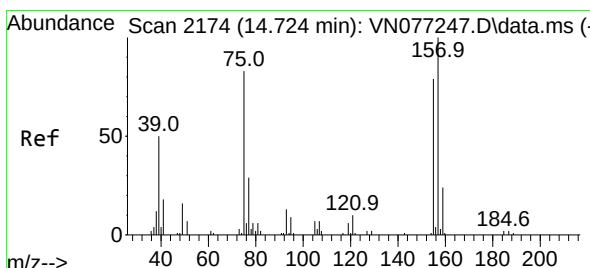
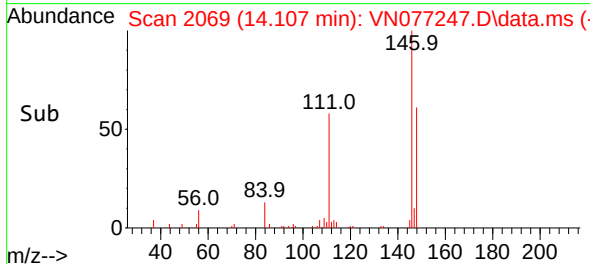
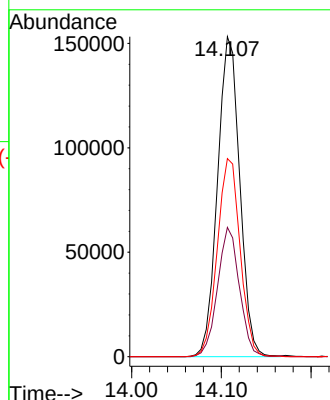
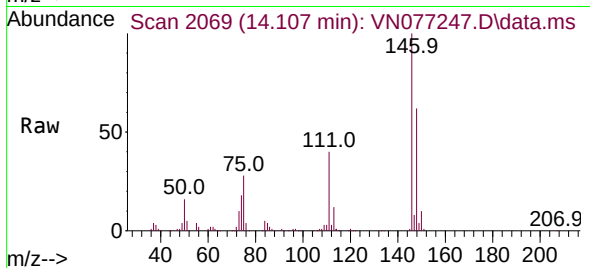
#91
1,2-Dichlorobenzene
Concen: 20.501 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 263479
Ion Ratio Lower Upper
146 100
111 39.7 19.6 58.7
148 63.6 31.8 95.4

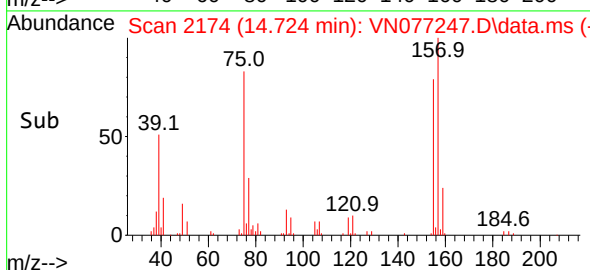
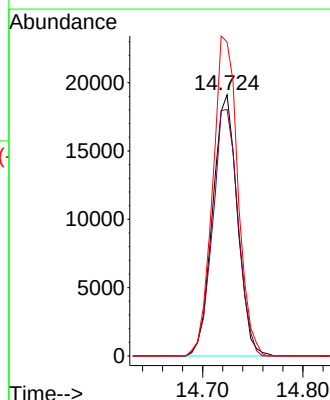
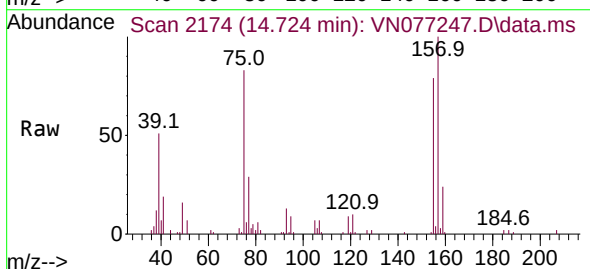
Manual Integrations
APPROVED

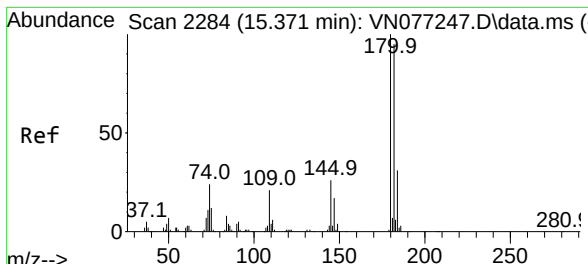
Reviewed By :John Carbone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.221 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

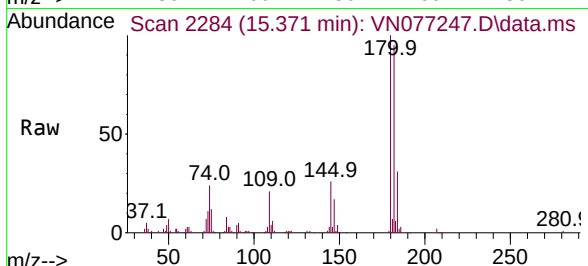
Tgt Ion: 75 Resp: 32720
Ion Ratio Lower Upper
75 100
155 96.6 48.1 144.3
157 124.3 62.2 186.5





#93
1,2,4-Trichlorobenzene
Concen: 21.489 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

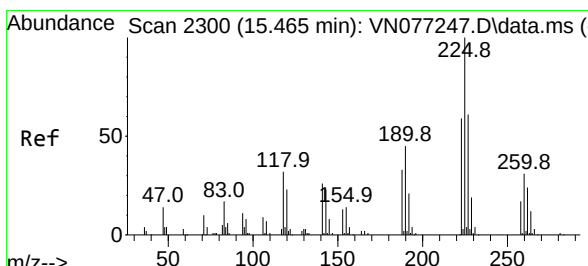
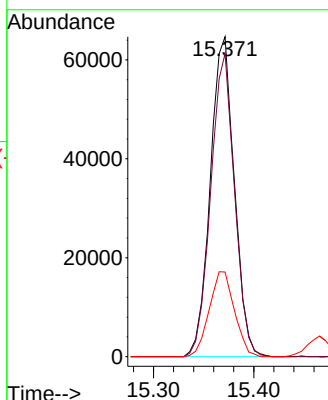
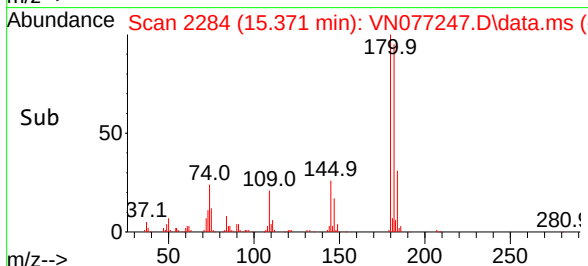
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



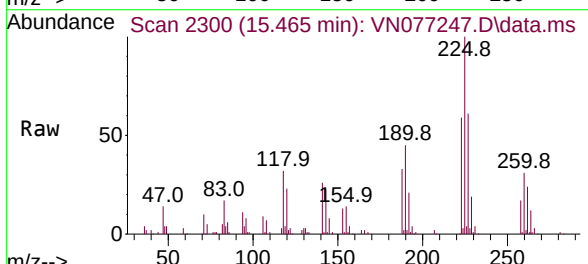
Tgt Ion:180 Resp: 107464
Ion Ratio Lower Upper
180 100
182 93.6 47.9 143.8
145 27.9 13.9 41.6

Manual Integrations
APPROVED

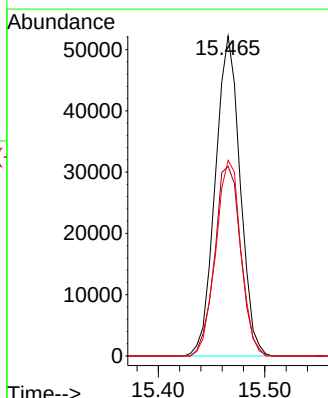
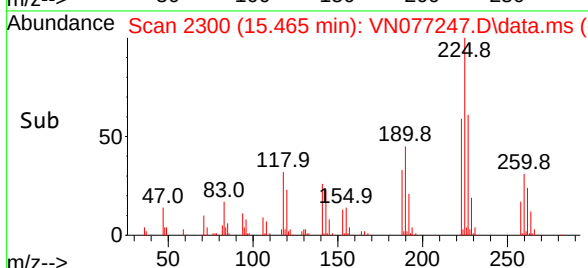
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

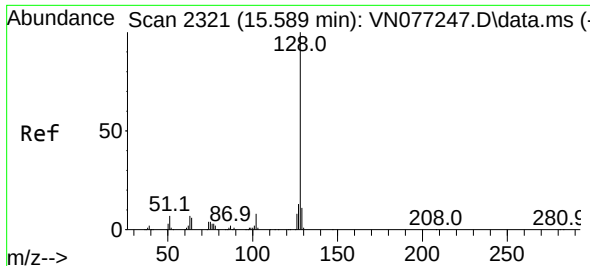


#94
Hexachlorobutadiene
Concen: 19.751 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33



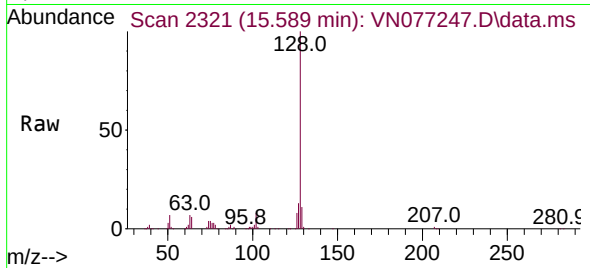
Tgt Ion:225 Resp: 84499
Ion Ratio Lower Upper
225 100
223 62.2 31.1 93.2
227 62.0 32.3 96.8





#95
Naphthalene
Concen: 23.097 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33

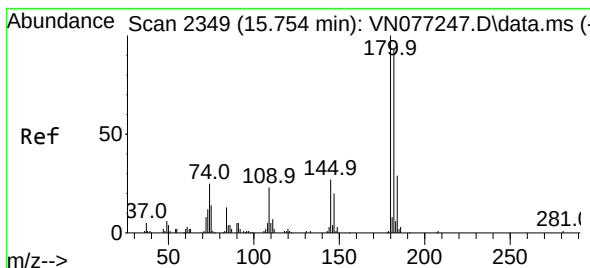
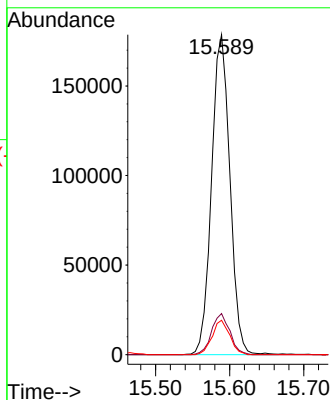
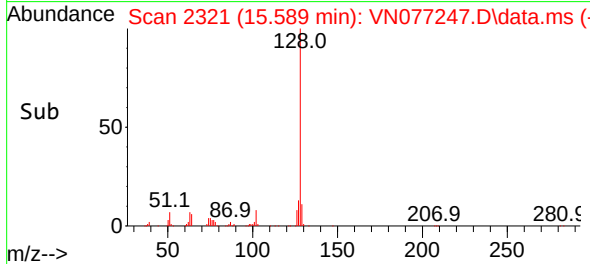
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



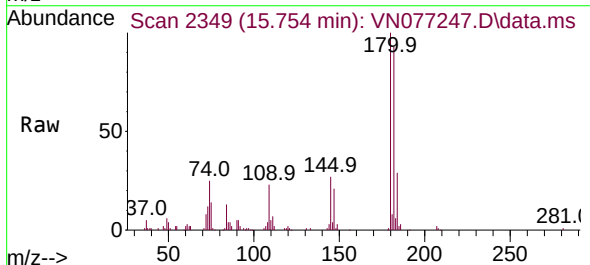
Tgt Ion:128 Resp: 307083
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#96
1,2,3-Trichlorobenzene
Concen: 21.638 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. 0.000 min
Lab File: VN077247.D
Acq: 31 Mar 2023 11:33



Tgt Ion:180 Resp: 106263
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.8
145 29.5 14.8 44.3

