

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033123\
 Data File : VN077249.D
 Acq On : 31 Mar 2023 12:21
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Mar 31 23:24:13 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	630068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	962050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	879690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	446124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	512334	78.984	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 157.960%#			
35) Dibromofluoromethane	8.172	113	456106	80.600	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 161.200%#			
50) Toluene-d8	10.566	98	1773063	82.590	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 165.180%#			
62) 4-Bromofluorobenzene	12.848	95	632869	89.050	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 178.100%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	218119	67.742	ug/l	100
3) Chloromethane	2.372	50	256002	61.611	ug/l	98
4) Vinyl Chloride	2.525	62	307459	67.893	ug/l	96
5) Bromomethane	2.943	94	218153	67.005	ug/l	94
6) Chloroethane	3.119	64	231736	61.199	ug/l	98
7) Trichlorofluoromethane	3.502	101	702331	68.460	ug/l	100
8) Diethyl Ether	3.966	74	293259	74.227	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	424609	69.321	ug/l	100
10) Methyl Iodide	4.601	142	577931	76.946	ug/l	99
11) Tert butyl alcohol	5.537	59	394575	374.910	ug/l	99
12) 1,1-Dichloroethene	4.349	96	409537	72.307	ug/l	100
13) Acrolein	4.184	56	439746	393.763	ug/l	97
14) Allyl chloride	5.031	41	751213	76.521	ug/l	99
15) Acrylonitrile	5.725	53	1265704	365.749	ug/l	100
16) Acetone	4.431	43	1063520	329.758	ug/l	98
17) Carbon Disulfide	4.725	76	1051977	69.764	ug/l	98
18) Methyl Acetate	5.031	43	826903	68.173	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	1424606	75.163	ug/l	99
20) Methylene Chloride	5.284	84	483147	66.922	ug/l	98
21) trans-1,2-Dichloroethene	5.796	96	443503	71.611	ug/l	100
22) Diisopropyl ether	6.678	45	1549435	74.629	ug/l	99
23) Vinyl Acetate	6.607	43	4954903	397.717	ug/l	100
24) 1,1-Dichloroethane	6.578	63	866135	71.019	ug/l	99
25) 2-Butanone	7.490	43	1645711	358.966	ug/l	99
26) 2,2-Dichloropropane	7.495	77	661812	73.350	ug/l	99
27) cis-1,2-Dichloroethene	7.490	96	532808	71.934	ug/l	98
28) Bromochloromethane	7.819	49	393115	73.866	ug/l	99
29) Tetrahydrofuran	7.842	42	1087102	377.135	ug/l	100
30) Chloroform	7.966	83	837051	69.676	ug/l	99
31) Cyclohexane	8.260	56	787904	68.866	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	724902	71.529	ug/l	98
36) 1,1-Dichloropropene	8.372	75	644016	73.893	ug/l	99
37) Ethyl Acetate	7.566	43	662151	75.727	ug/l	99
38) Carbon Tetrachloride	8.366	117	650124	72.747	ug/l	98
39) Methylcyclohexane	9.601	83	831977	77.836	ug/l	99
40) Benzene	8.613	78	1954874	71.443	ug/l	99

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 Supervised By : Mahesh Dadoda 04/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	362507	74.051	ug/l	97
42) 1,2-Dichloroethane	8.672	62	631488	70.530	ug/l	100
43) Isopropyl Acetate	8.689	43	1058093	77.139	ug/l	100
44) Trichloroethene	9.354	130	510201	72.064	ug/l	94
45) 1,2-Dichloropropane	9.625	63	517915	71.153	ug/l	97
46) Dibromomethane	9.713	93	325014	70.233	ug/l	99
47) Bromodichloromethane	9.889	83	663942	72.868	ug/l	100
48) Methyl methacrylate	9.684	41	520486	78.668	ug/l	98
49) 1,4-Dioxane	9.695	88	193624	1538.350	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	3325216	382.861	ug/l	100
52) Toluene	10.631	92	1229008	74.256	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	736601	81.962	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	816986	78.251	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	490554	71.652	ug/l	99
56) Ethyl methacrylate	10.878	69	790780	83.439	ug/l	99
57) 1,3-Dichloropropane	11.166	76	849676	73.059	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	1430174	436.544	ug/l	99
59) 2-Hexanone	11.195	43	2444168	387.780	ug/l	100
60) Dibromochloromethane	11.360	129	539859	75.895	ug/l	100
61) 1,2-Dibromoethane	11.472	107	500466	75.293	ug/l	99
64) Tetrachloroethene	11.107	164	451368	70.075	ug/l	98
65) Chlorobenzene	11.895	112	1348622	72.614	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	508767	71.481	ug/l	97
67) Ethyl Benzene	11.966	91	2408678	76.925	ug/l	98
68) m/p-Xylenes	12.072	106	1869529	153.510	ug/l	99
69) o-Xylene	12.401	106	926529	78.895	ug/l	99
70) Styrene	12.413	104	1531209	81.897	ug/l	100
71) Bromoform	12.577	173	433500	77.593	ug/l	100
73) Isopropylbenzene	12.695	105	2386642	71.741	ug/l	100
74) N-amyl acetate	12.495	43	923924	75.332	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	730743	63.161	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	634329m	67.498	ug/l	
77) Bromobenzene	12.983	156	609147	68.380	ug/l	99
78) n-propylbenzene	13.036	91	2766692	75.414	ug/l	99
79) 2-Chlorotoluene	13.124	91	1640981	69.539	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	2012058	75.242	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	261445	84.254	ug/l	89
82) 4-Chlorotoluene	13.224	91	1618393	72.987	ug/l	100
83) tert-Butylbenzene	13.442	119	1811466	74.351	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	2010005	76.967	ug/l	99
85) sec-Butylbenzene	13.619	105	2532834	76.997	ug/l	99
86) p-Isopropyltoluene	13.730	119	2165210	80.702	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	1105286	70.714	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	1081809	70.151	ug/l	100
89) n-Butylbenzene	14.060	91	1792647	83.423	ug/l	100
90) Hexachloroethane	14.336	117	385643	69.095	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	1078320	70.240	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	137564	71.172	ug/l	98
93) 1,2,4-Trichlorobenzene	15.366	180	624473	104.540	ug/l	99
94) Hexachlorobutadiene	15.466	225	366364	71.691	ug/l	99
95) Naphthalene	15.589	128	1817847	114.466	ug/l	100
96) 1,2,3-Trichlorobenzene	15.754	180	603090	102.807	ug/l	99

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MSVOA_N
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VSTDICC075

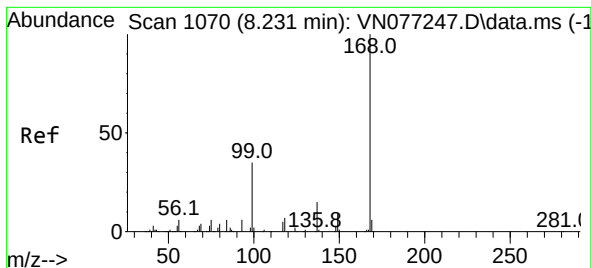
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Mar 31 23:24:13 2023
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Quant Title : SW846 8260
QLast Update : Fri Mar 31 22:50:34 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077249.D

Acq: 31 Mar 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:168 Resp: 63006

Ion Ratio Lower Upper

168 100

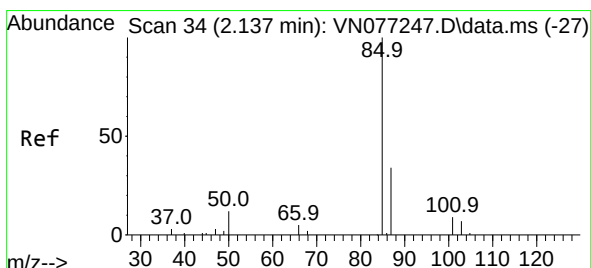
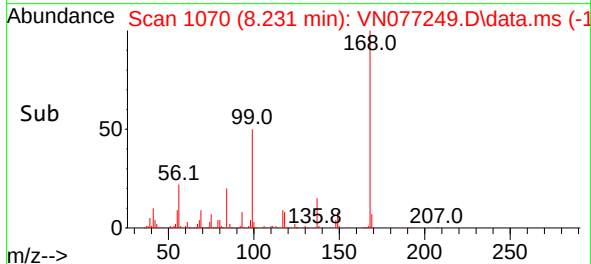
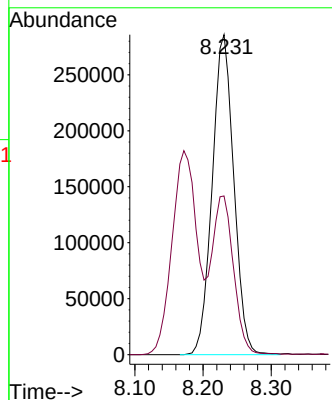
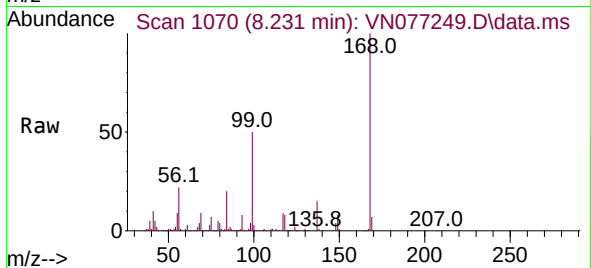
99 49.4 41.8 62.8

Manual Integrations

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Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#2

Dichlorodifluoromethane

Concen: 67.742 ug/l

RT: 2.137 min Scan# 34

Delta R.T. 0.000 min

Lab File: VN077249.D

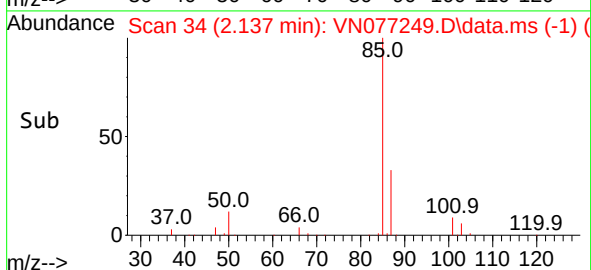
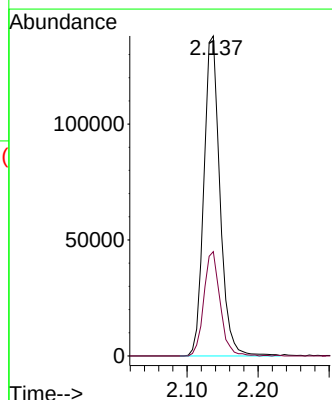
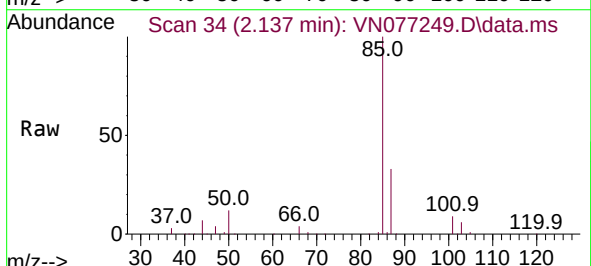
Acq: 31 Mar 2023 12:21

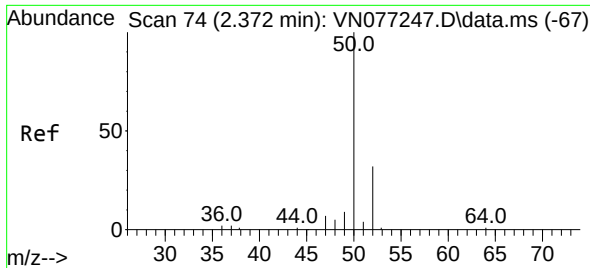
Tgt Ion: 85 Resp: 218119

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.8





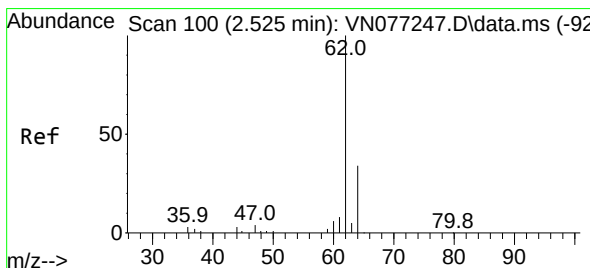
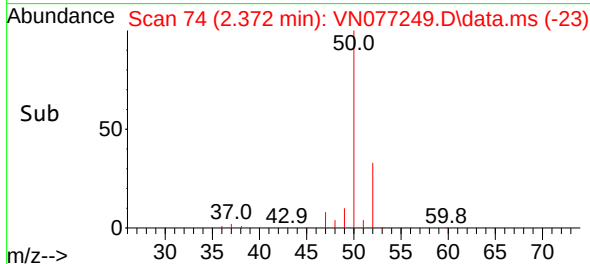
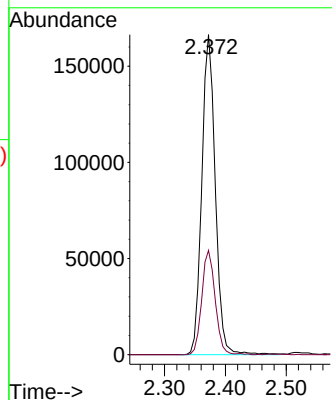
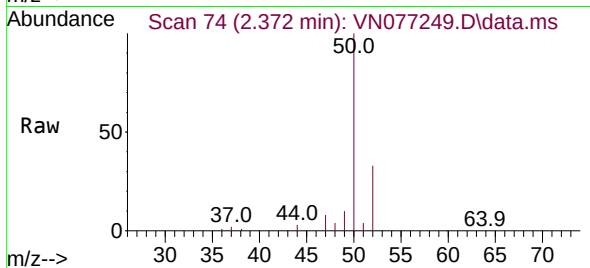
#3
Chloromethane
Concen: 61.611 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 50 Resp: 256000
Ion Ratio Lower Upper
50 100
52 32.6 26.9 40.3

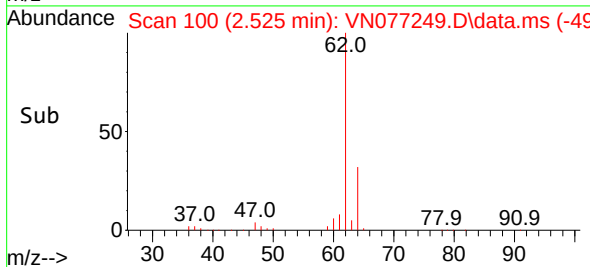
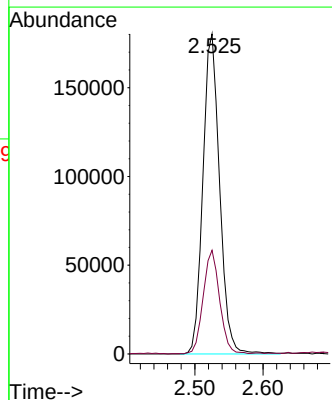
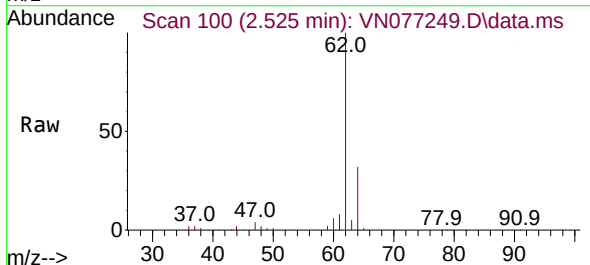
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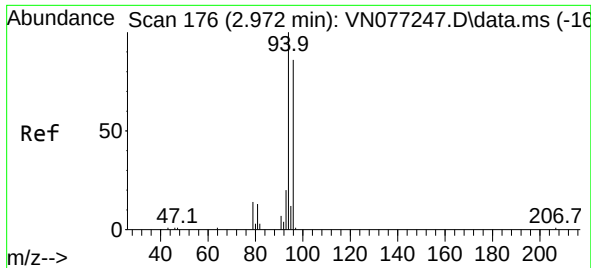
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#4
Vinyl Chloride
Concen: 67.893 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

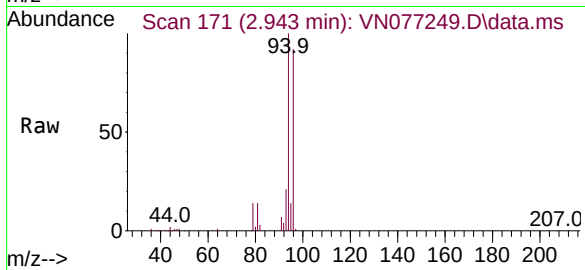
Tgt Ion: 62 Resp: 307459
Ion Ratio Lower Upper
62 100
64 32.3 23.9 35.9





#5
Bromomethane
Concen: 67.005 ug/l
RT: 2.943 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077249.D
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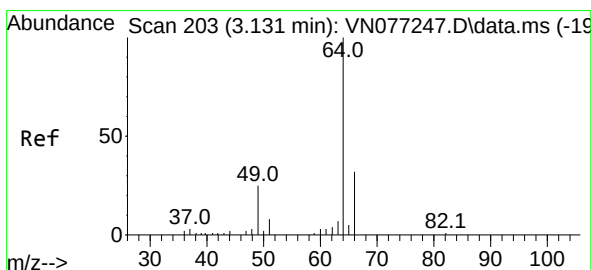
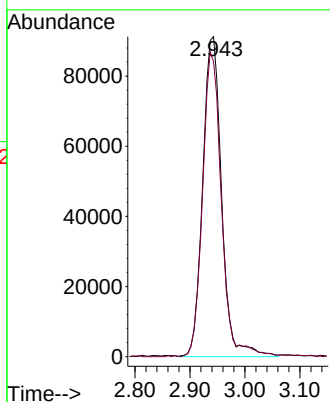
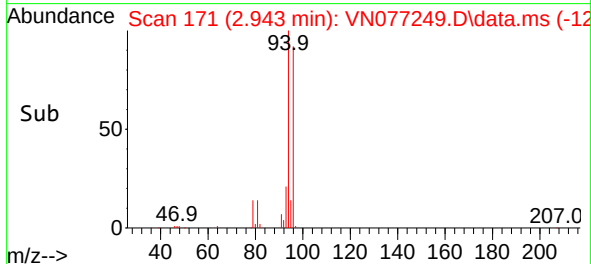
Instrument :
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Tgt Ion: 94 Resp: 21815
Ion Ratio Lower Upper
94 100
96 92.0 78.1 117.1

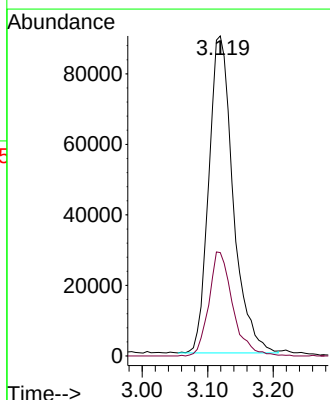
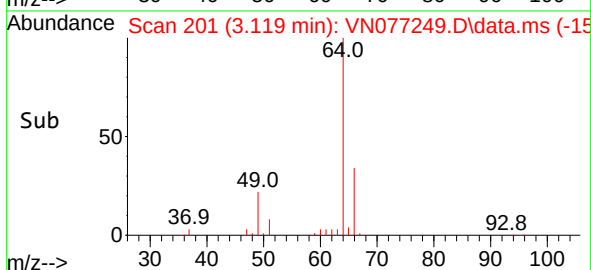
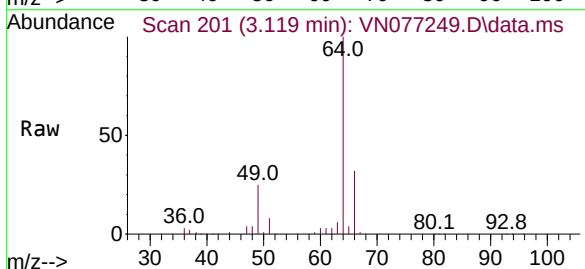
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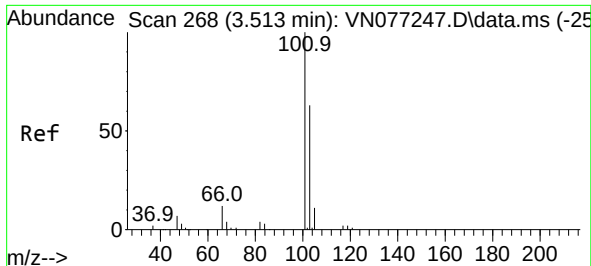
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#6
Chloroethane
Concen: 61.199 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Tgt Ion: 64 Resp: 231736
Ion Ratio Lower Upper
64 100
66 32.6 25.0 37.6





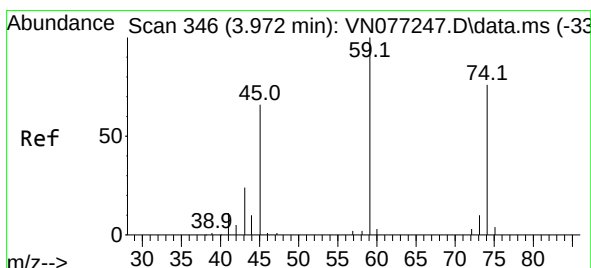
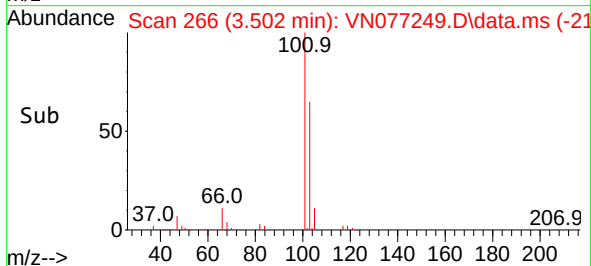
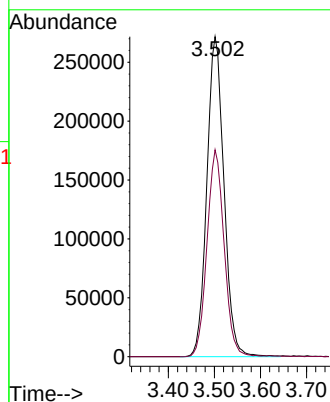
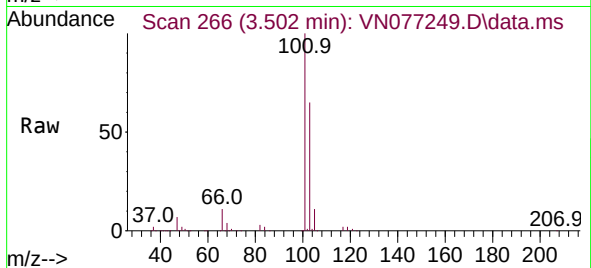
#7
Trichlorofluoromethane
Concen: 68.460 ug/l
RT: 3.502 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:101 Resp: 70233
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

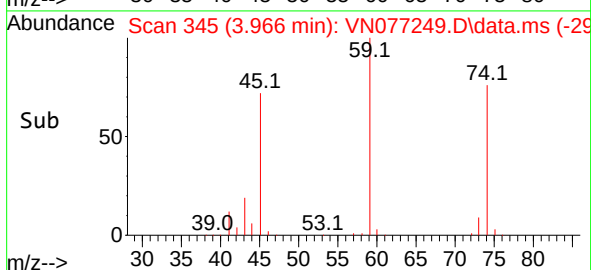
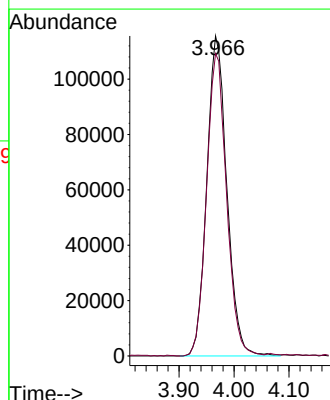
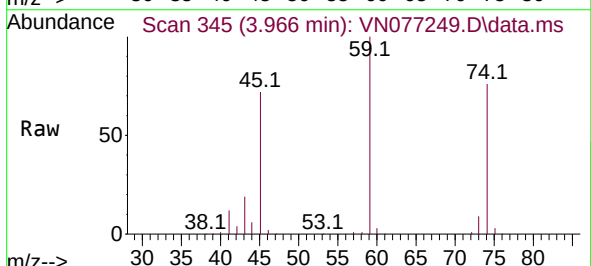
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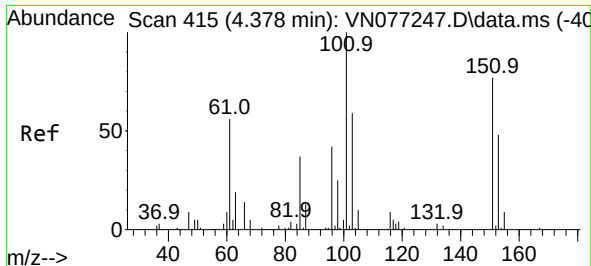
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#8
Diethyl Ether
Concen: 74.227 ug/l
RT: 3.966 min Scan# 345
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Tgt Ion: 74 Resp: 293259
Ion Ratio Lower Upper
74 100
45 94.2 47.8 143.3





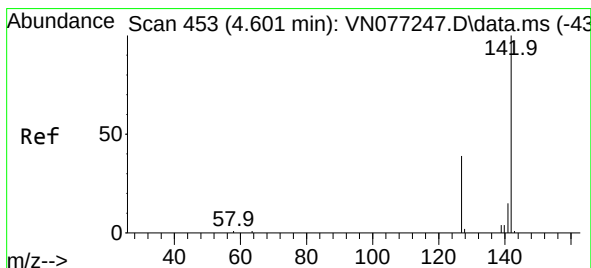
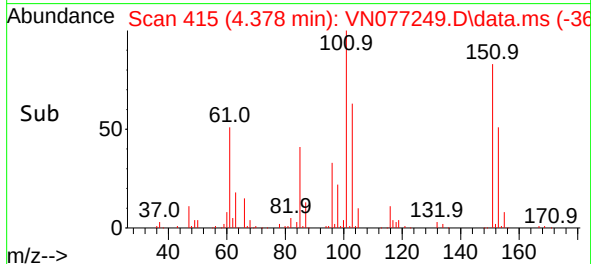
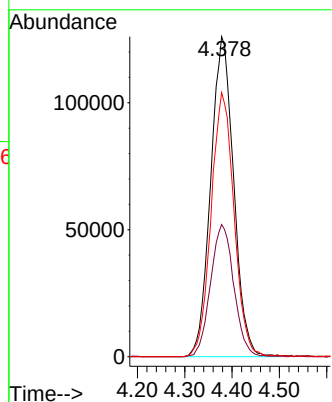
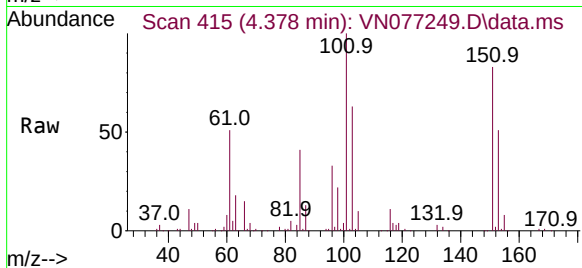
#9
1,1,2-Trichlorotrifluoroethane
Concen: 69.321 ug/l
RT: 4.378 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:101 Resp: 424609
Ion Ratio Lower Upper
101 100
85 41.8 33.5 50.3
151 82.2 65.3 97.9

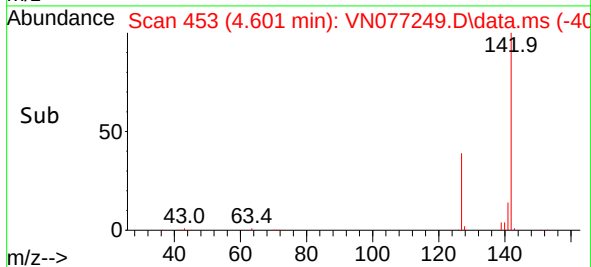
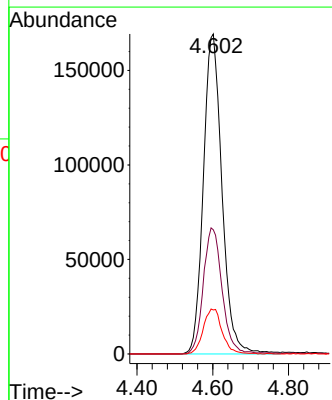
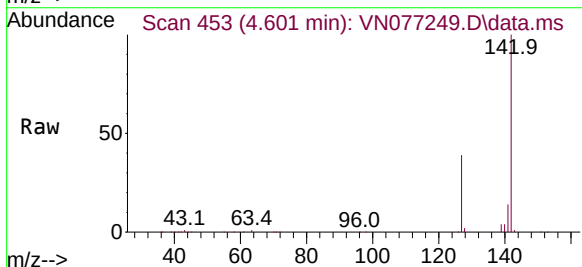
Manual Integrations
APPROVED

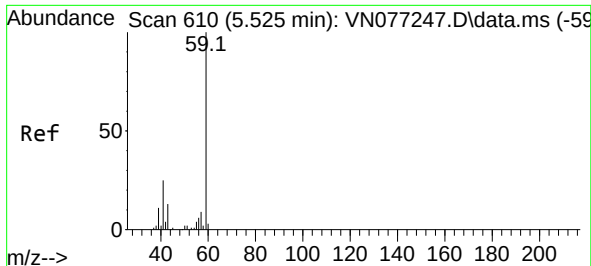
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#10
Methyl Iodide
Concen: 76.946 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

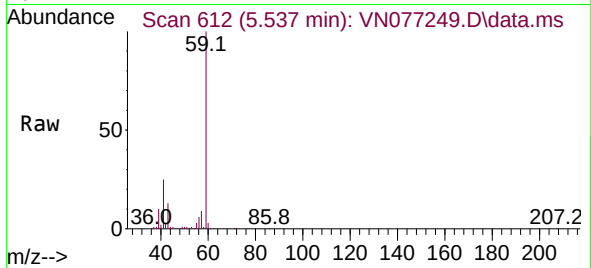
Tgt Ion:142 Resp: 577931
Ion Ratio Lower Upper
142 100
127 38.8 31.8 47.8
141 13.7 11.2 16.8





#11
Tert butyl alcohol
Concen: 374.910 ug/l
RT: 5.537 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

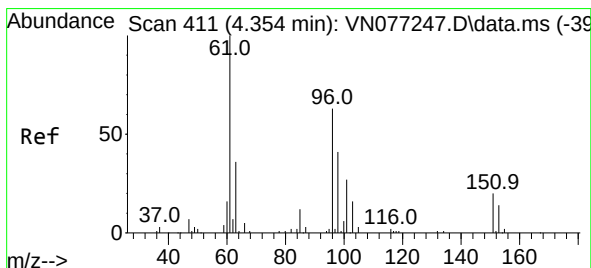
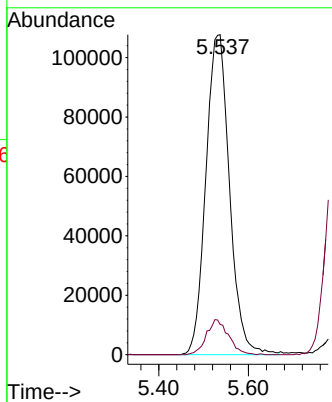
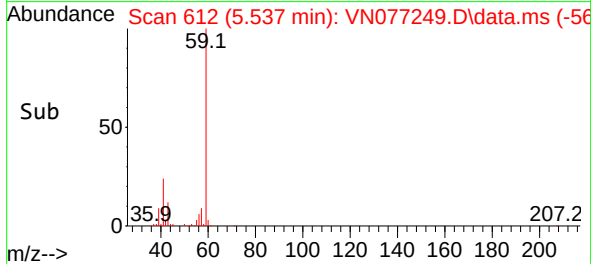
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 59 Resp: 39457
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

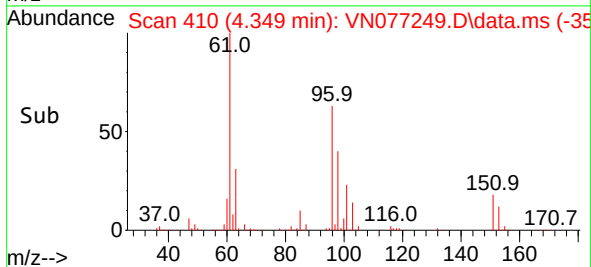
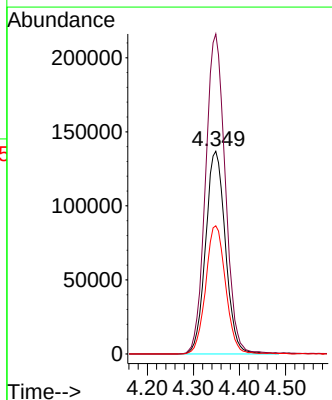
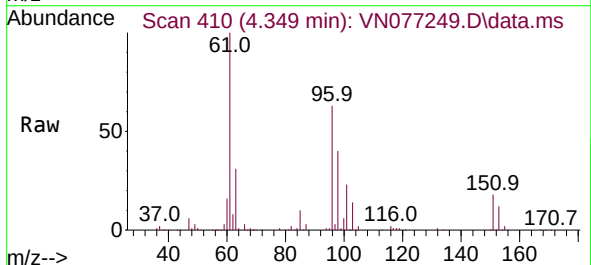
Manual Integrations
APPROVED

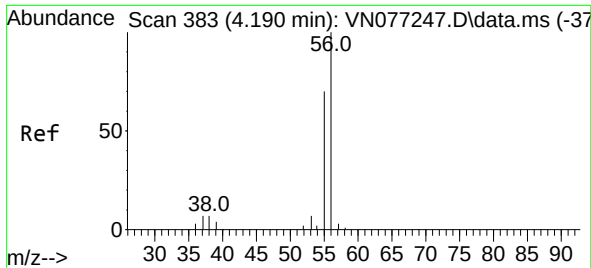
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#12
1,1-Dichloroethene
Concen: 72.307 ug/l
RT: 4.349 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

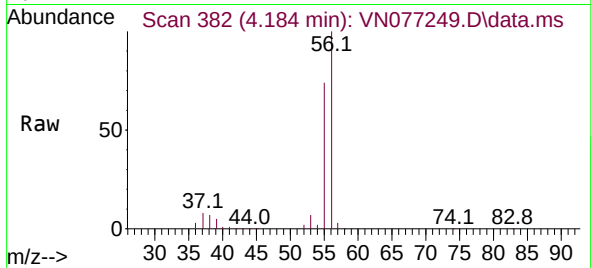
Tgt Ion: 96 Resp: 409537
Ion Ratio Lower Upper
96 100
61 157.9 126.4 189.6
98 63.3 50.8 76.2





#13
Acrolein
Concen: 393.763 ug/l
RT: 4.184 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

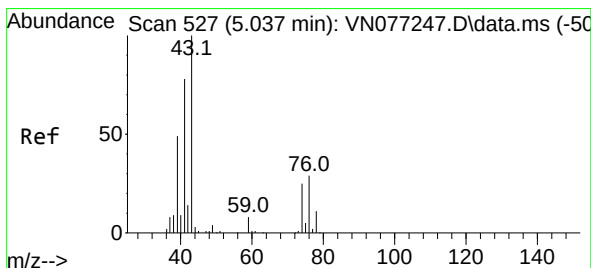
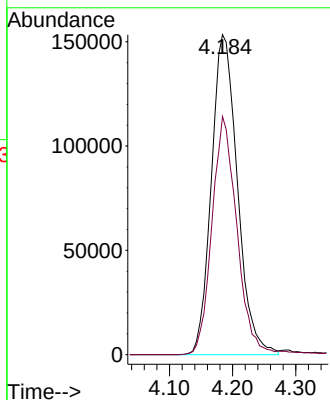
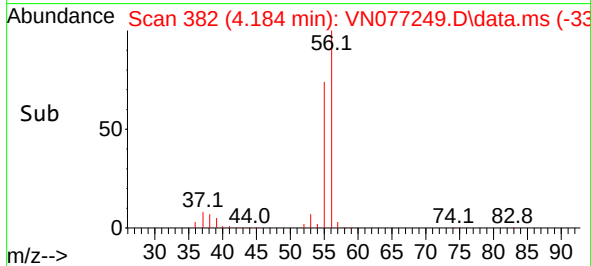
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



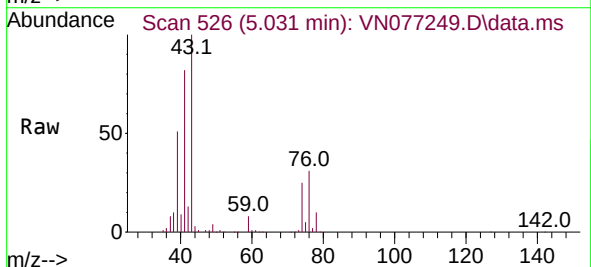
Tgt Ion: 56 Resp: 439740
Ion Ratio Lower Upper
56 100
55 72.3 56.0 84.0

Manual Integrations
APPROVED

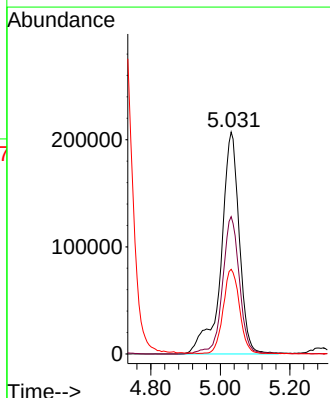
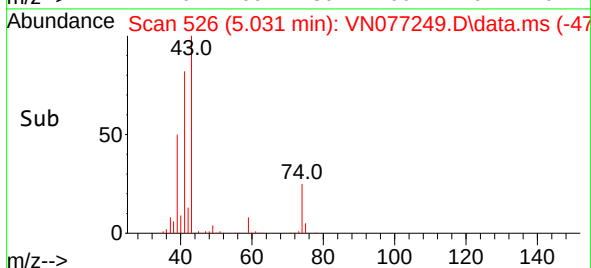
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

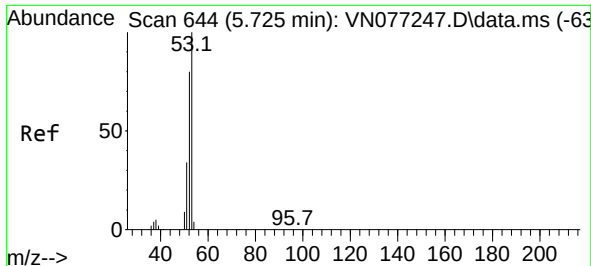


#14
Allyl chloride
Concen: 76.521 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21



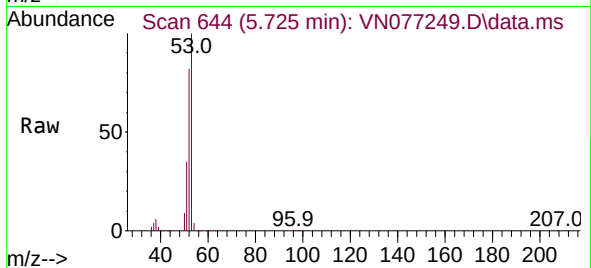
Tgt Ion: 41 Resp: 751213
Ion Ratio Lower Upper
41 100
39 57.6 46.8 70.2
76 33.9 27.3 40.9





#15
Acrylonitrile
Concen: 365.749 ug/l
RT: 5.725 min Scan# 644
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

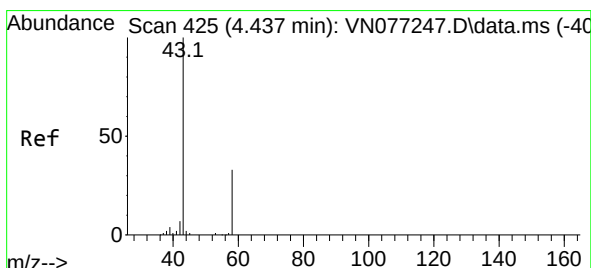
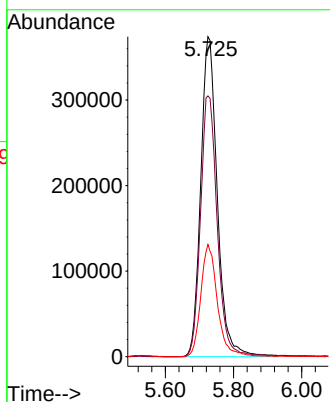
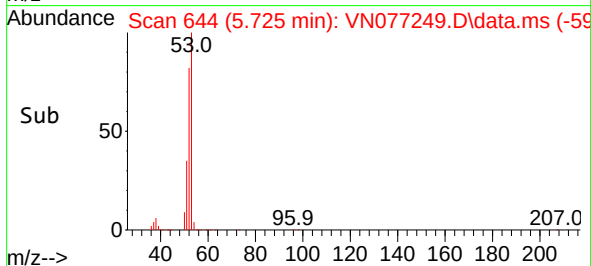
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 53 Resp: 1265704
Ion Ratio Lower Upper
53 100
52 82.0 65.8 98.6
51 35.1 28.2 42.2

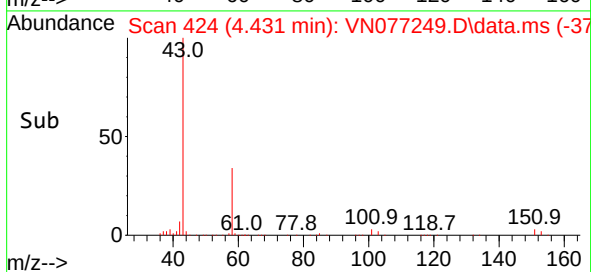
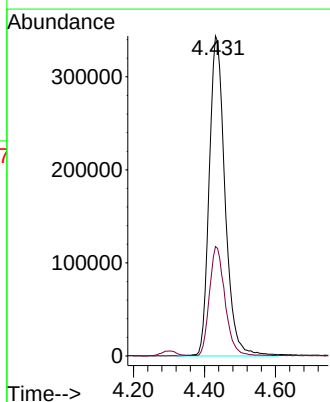
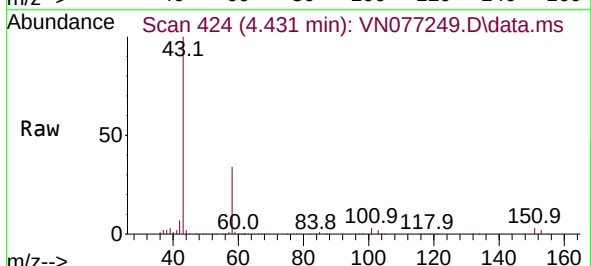
Manual Integrations
APPROVED

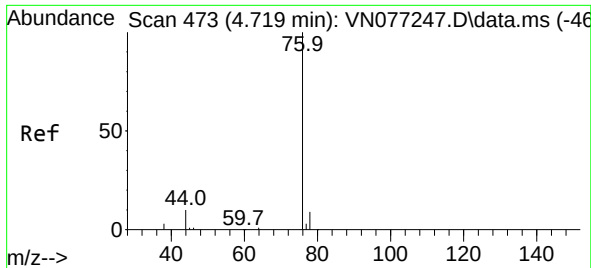
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#16
Acetone
Concen: 329.758 ug/l
RT: 4.431 min Scan# 424
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Tgt Ion: 43 Resp: 1063520
Ion Ratio Lower Upper
43 100
58 34.0 28.2 42.4





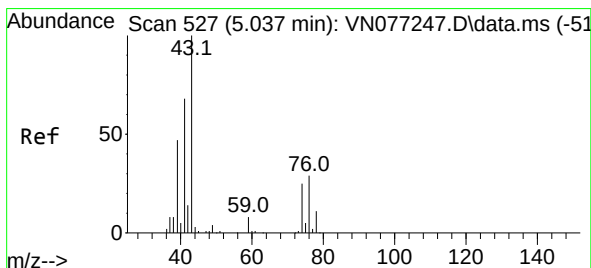
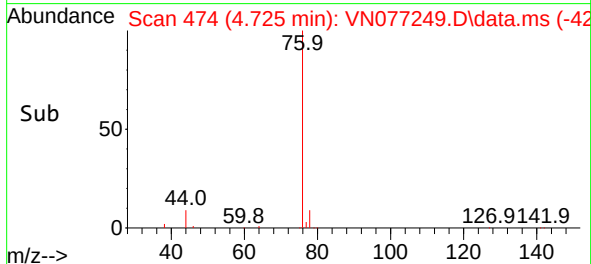
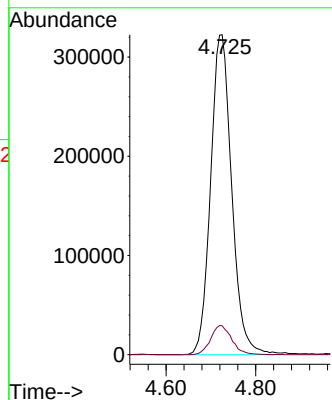
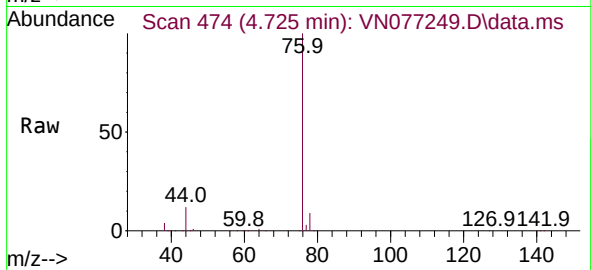
#17
Carbon Disulfide
Concen: 69.764 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 76 Resp: 105197
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2

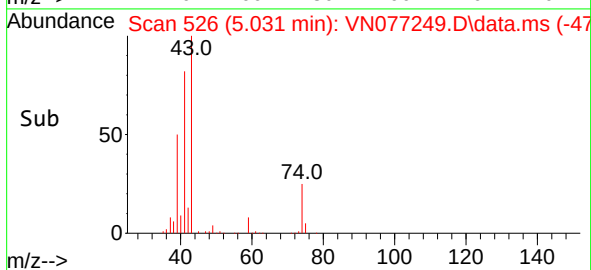
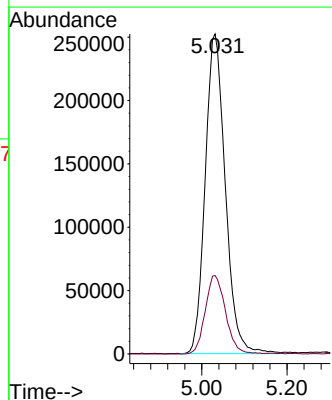
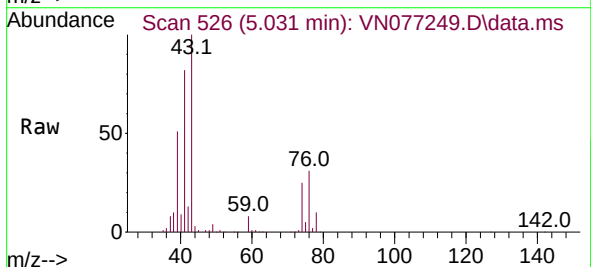
Manual Integrations
APPROVED

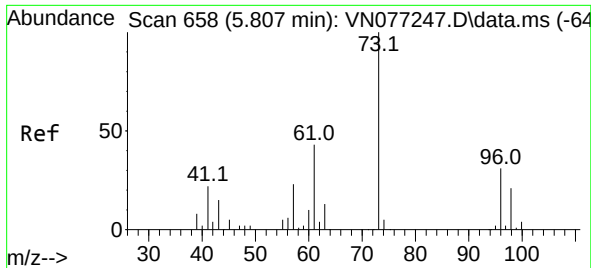
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#18
Methyl Acetate
Concen: 68.173 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Tgt Ion: 43 Resp: 826903
Ion Ratio Lower Upper
43 100
74 24.9 19.6 29.4





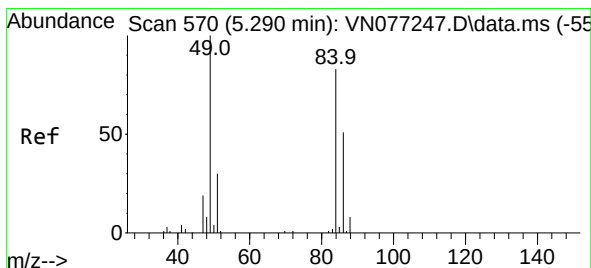
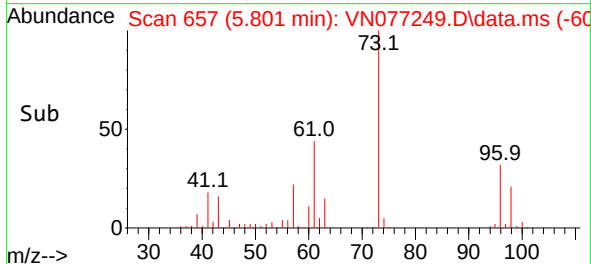
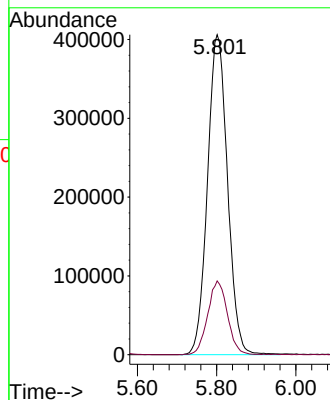
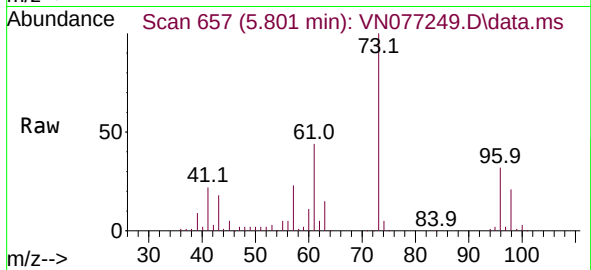
#19
Methyl tert-butyl Ether
Concen: 75.163 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 73 Resp: 1424600
Ion Ratio Lower Upper
73 100
57 23.0 18.7 28.1

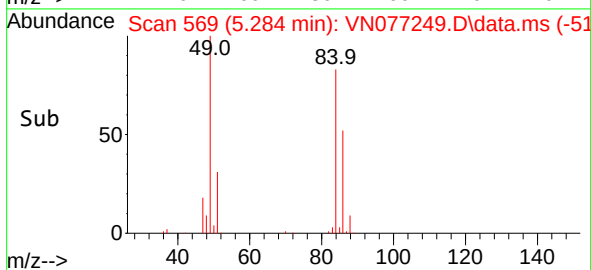
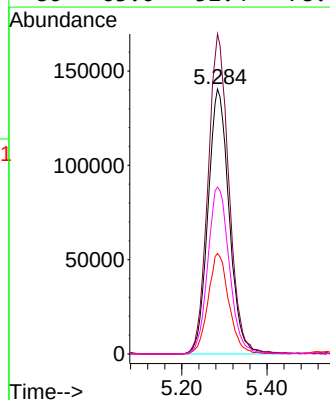
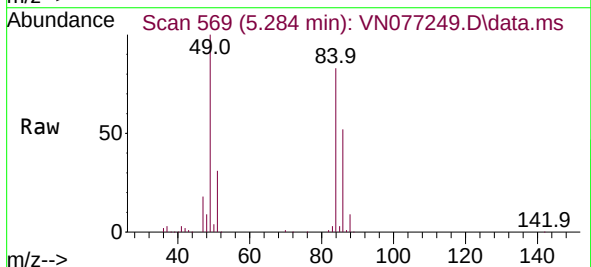
Manual Integrations
APPROVED

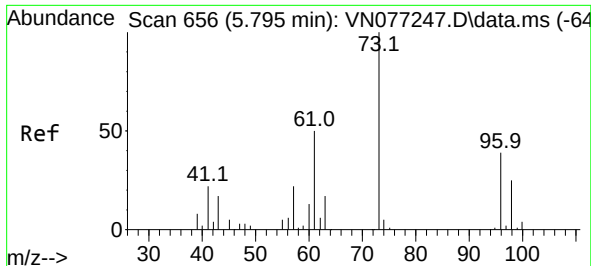
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#20
Methylene Chloride
Concen: 66.922 ug/l
RT: 5.284 min Scan# 569
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Tgt Ion: 84 Resp: 483147
Ion Ratio Lower Upper
84 100
49 120.8 97.8 146.8
51 37.9 29.8 44.8
86 63.0 52.4 78.6





#21

trans-1,2-Dichloroethene

Concen: 71.611 ug/l

RT: 5.796 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN077249.D

Acq: 31 Mar 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 96 Resp: 44350

Ion Ratio Lower Upper

96 100

61 137.3 109.7 164.5

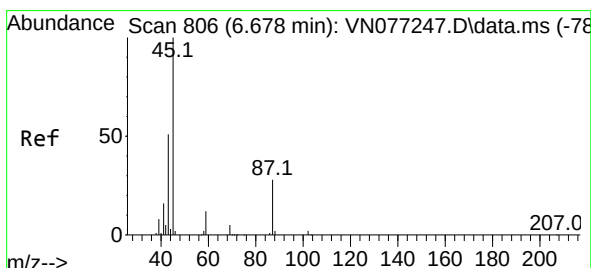
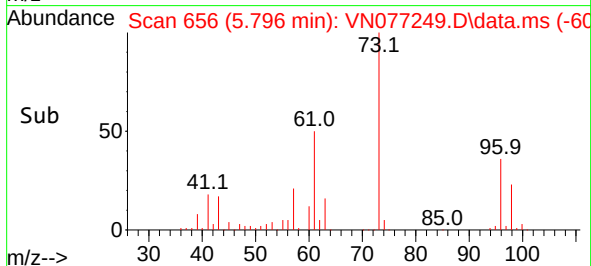
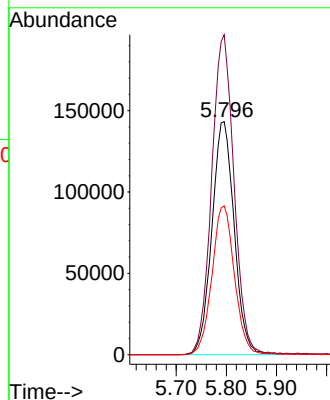
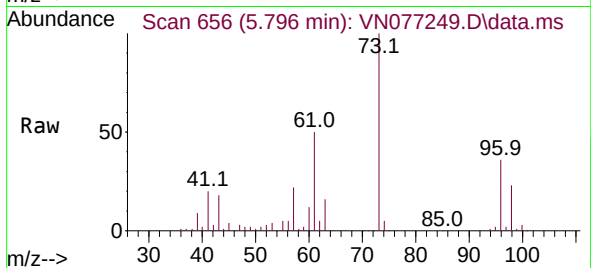
98 63.8 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#22

Diisopropyl ether

Concen: 74.629 ug/l

RT: 6.678 min Scan# 806

Delta R.T. 0.000 min

Lab File: VN077249.D

Acq: 31 Mar 2023 12:21

Tgt Ion: 45 Resp: 1549435

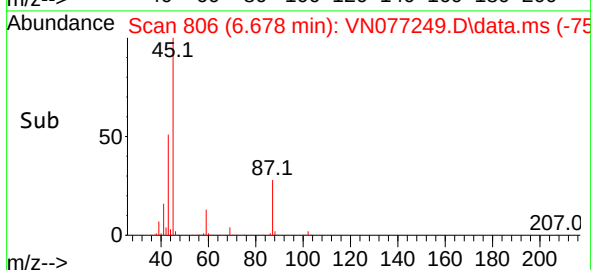
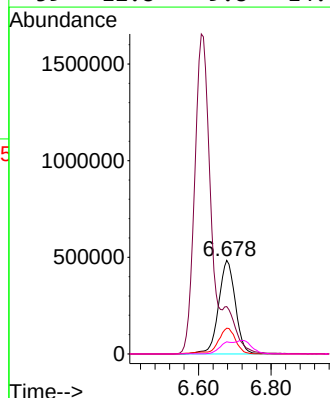
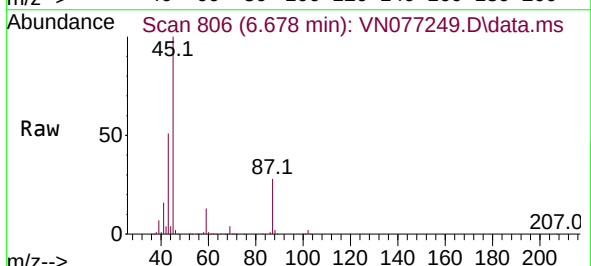
Ion Ratio Lower Upper

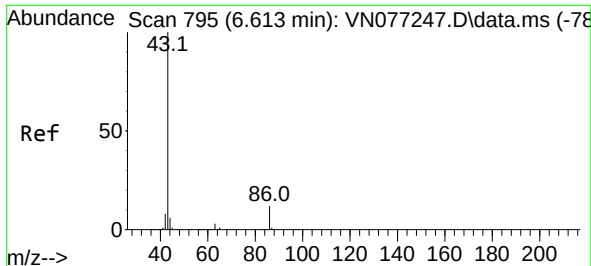
45 100

43 49.8 39.6 59.4

87 27.5 21.0 31.4

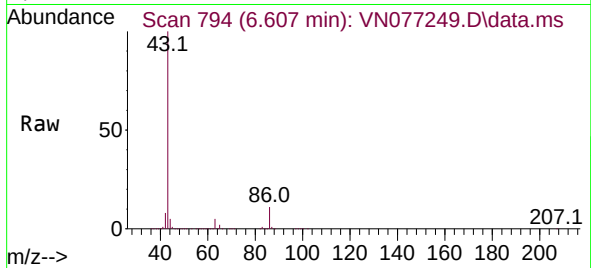
59 12.8 9.8 14.6





#23
 Vinyl Acetate
 Concen: 397.717 ug/l
 RT: 6.607 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077249.D
 Acq: 31 Mar 2023 12:21

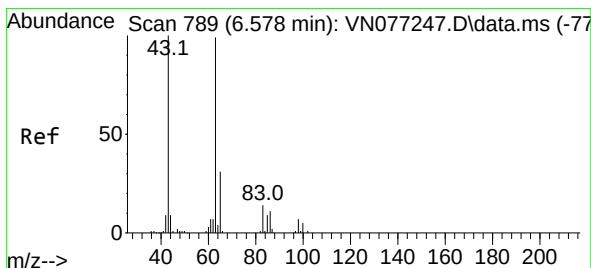
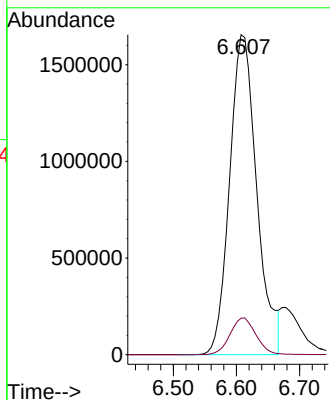
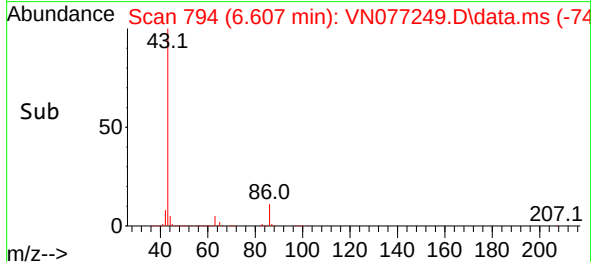
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075



Tgt Ion: 43 Resp: 495490
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.0 13.4

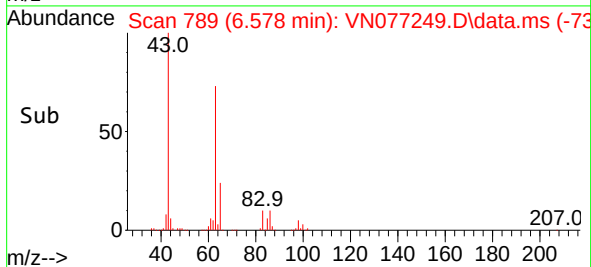
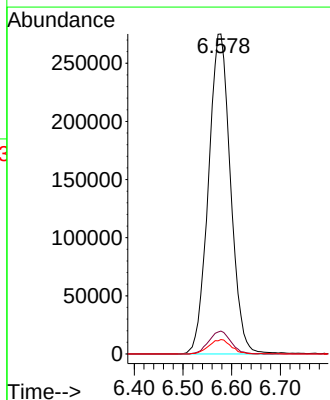
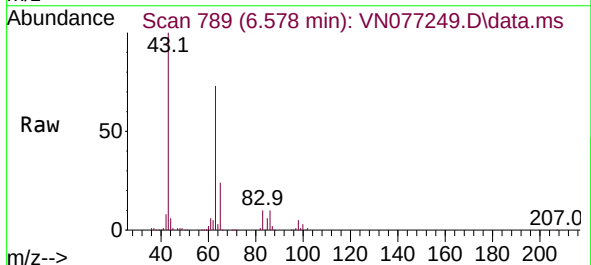
Manual Integrations
 APPROVED

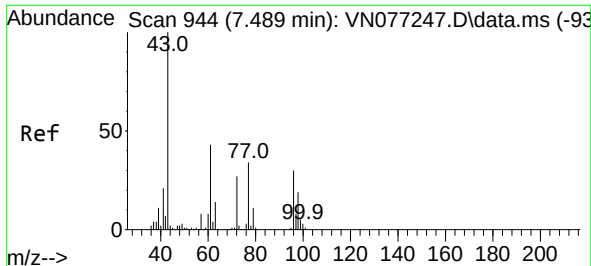
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#24
 1,1-Dichloroethane
 Concen: 71.019 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN077249.D
 Acq: 31 Mar 2023 12:21

Tgt Ion: 63 Resp: 866135
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.5
 100 4.5 2.4 7.1





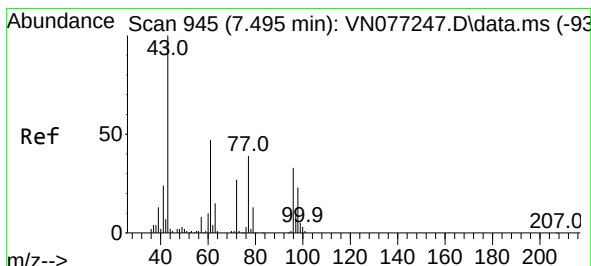
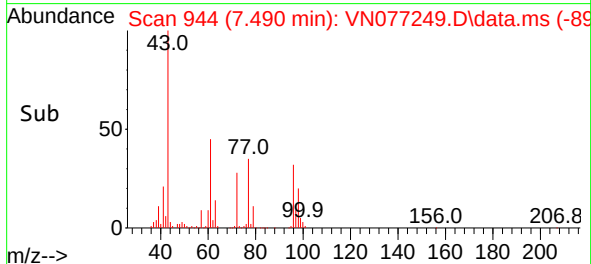
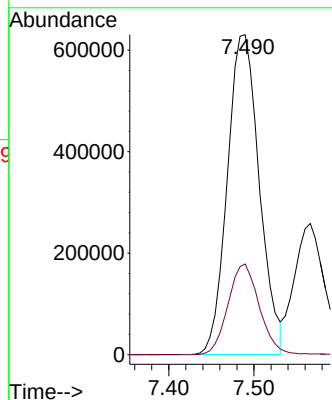
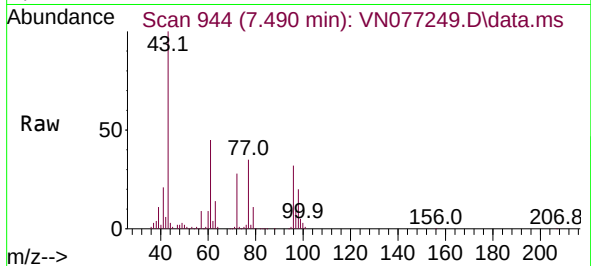
#25
2-Butanone
Concen: 358.966 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 43 Resp: 164571
Ion Ratio Lower Upper
43 100
72 28.4 22.2 33.2

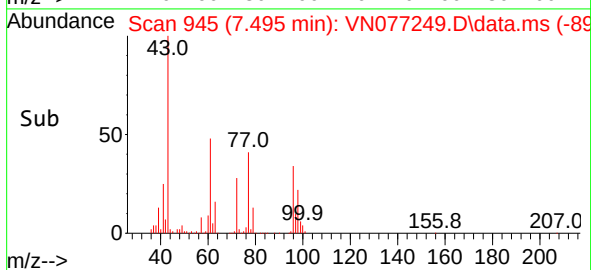
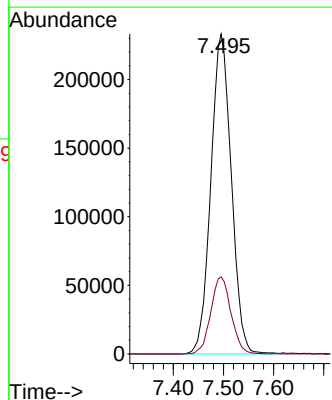
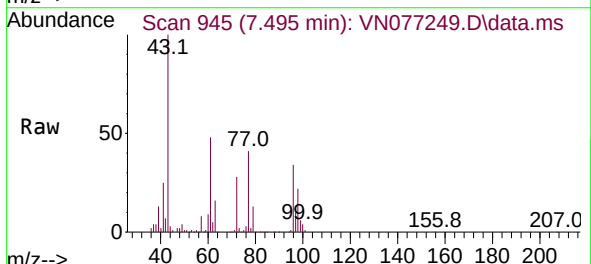
Manual Integrations
APPROVED

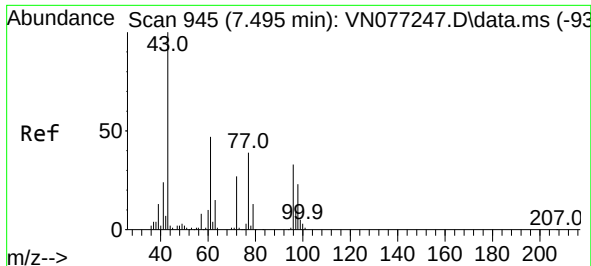
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#26
2,2-Dichloropropane
Concen: 73.350 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

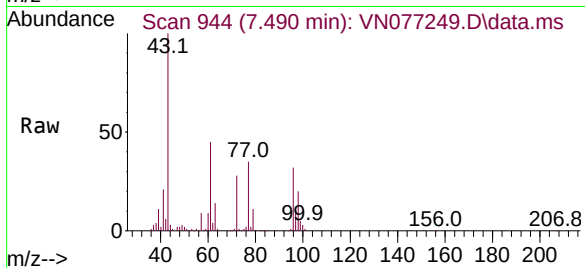
Tgt Ion: 77 Resp: 661812
Ion Ratio Lower Upper
77 100
97 23.8 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 71.934 ug/l
 RT: 7.490 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VN077249.D
 Acq: 31 Mar 2023 12:21

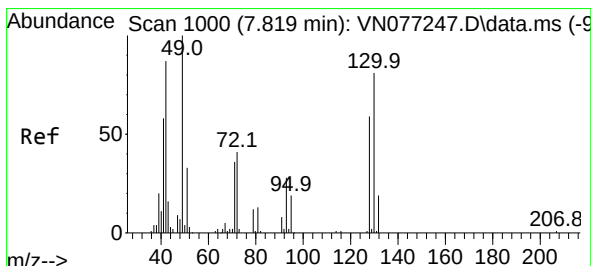
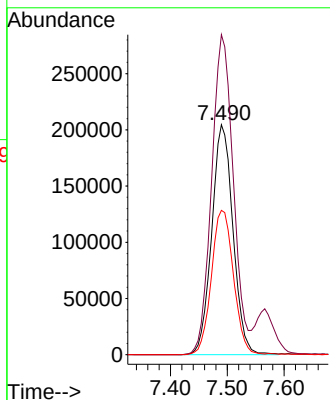
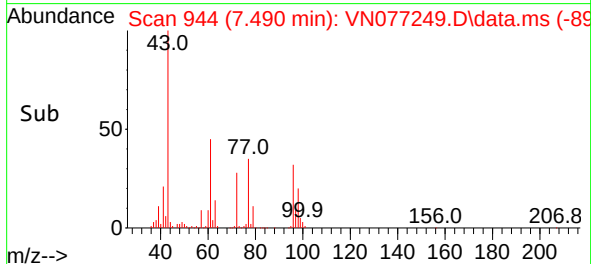
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



Tgt Ion: 96 Resp: 532808
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 286.0
 98 64.9 0.0 127.8

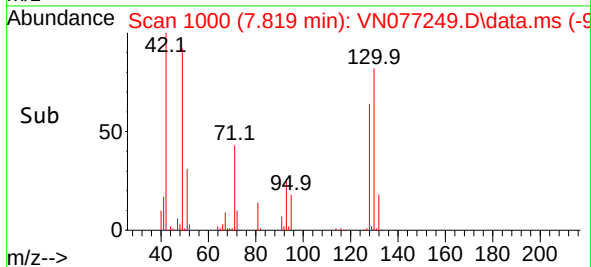
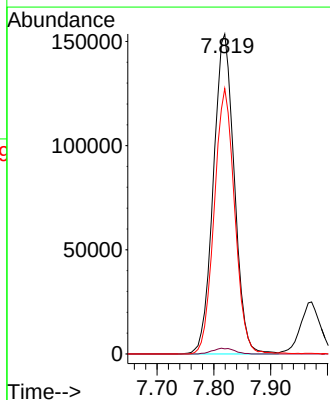
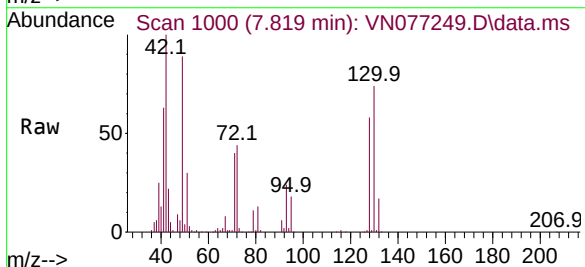
Manual Integrations
 APPROVED

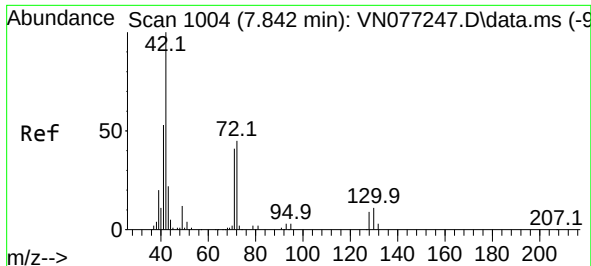
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#28
 Bromochloromethane
 Concen: 73.866 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. 0.006 min
 Lab File: VN077249.D
 Acq: 31 Mar 2023 12:21

Tgt Ion: 49 Resp: 393115
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 81.0 63.9 95.9





#29

Tetrahydrofuran

Concen: 377.135 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077249.D

Acq: 31 Mar 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 42 Resp: 108710

Ion Ratio Lower Upper

42 100

72 44.1 35.6 53.4

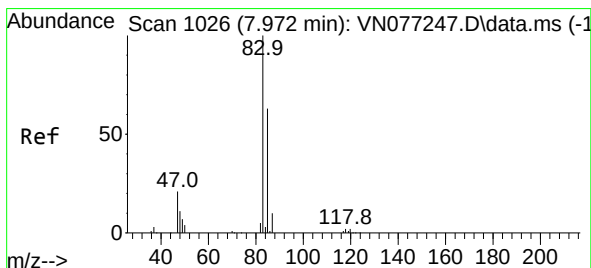
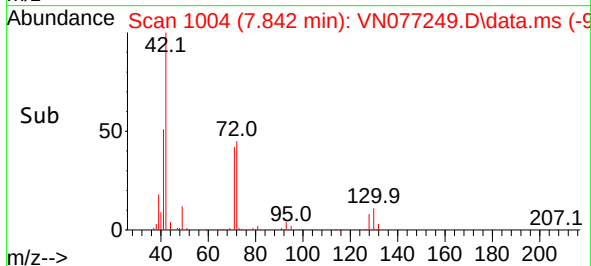
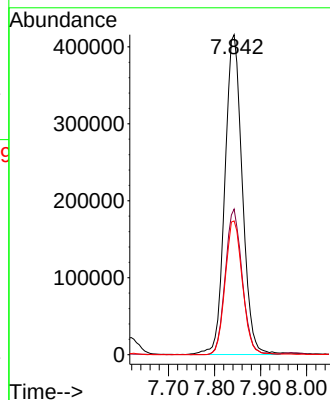
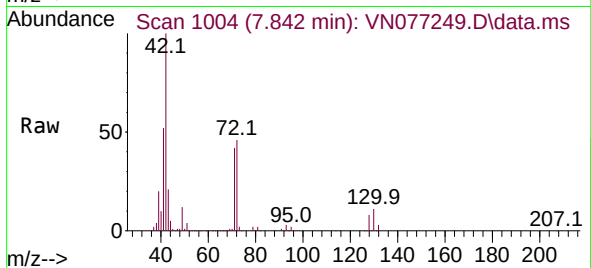
71 41.6 33.2 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#30

Chloroform

Concen: 69.676 ug/l

RT: 7.966 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN077249.D

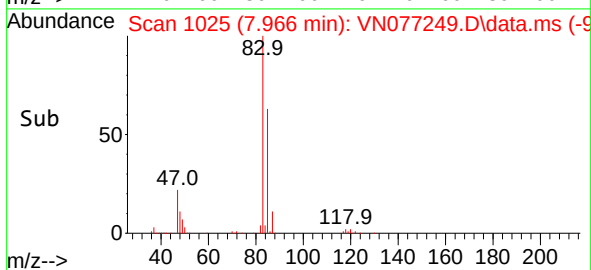
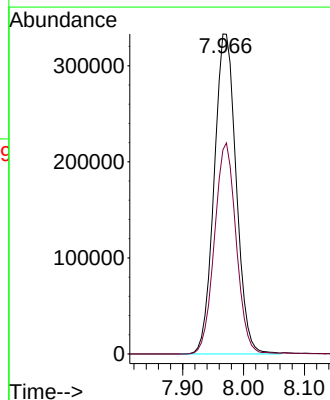
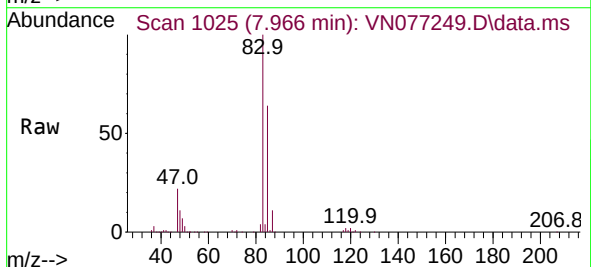
Acq: 31 Mar 2023 12:21

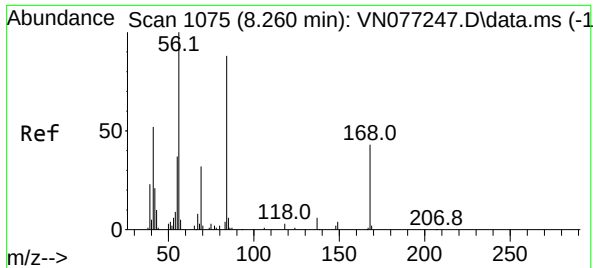
Tgt Ion: 83 Resp: 837051

Ion Ratio Lower Upper

83 100

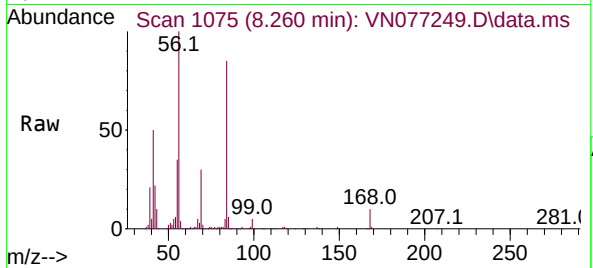
85 63.8 51.4 77.0





#31
Cyclohexane
Concen: 68.866 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

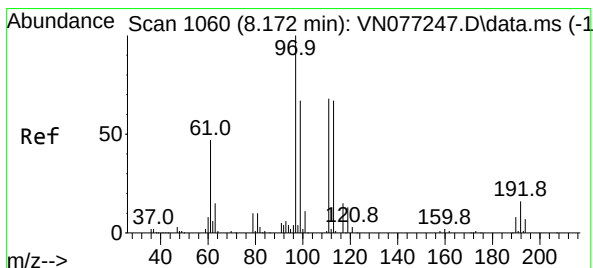
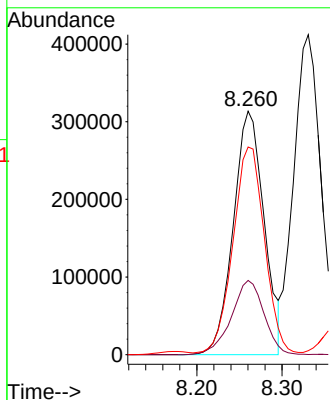
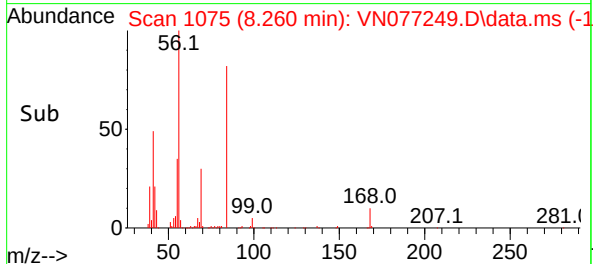
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



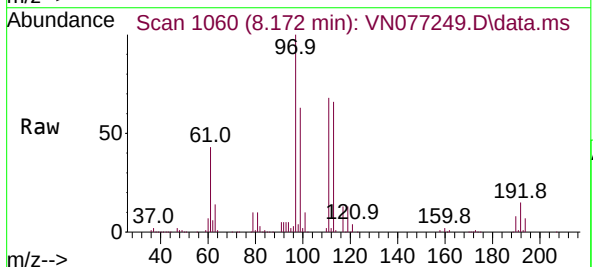
Tgt Ion: 56 Resp: 787904
Ion Ratio Lower Upper
56 100
69 30.5 25.1 37.7
84 83.9 69.0 103.4

Manual Integrations
APPROVED

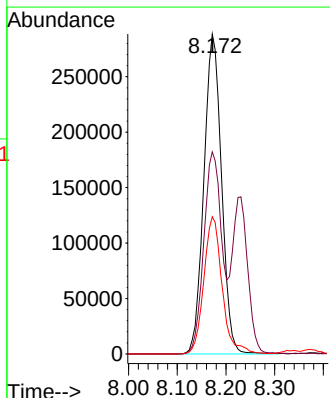
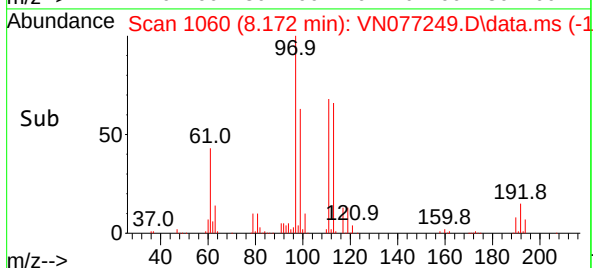
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

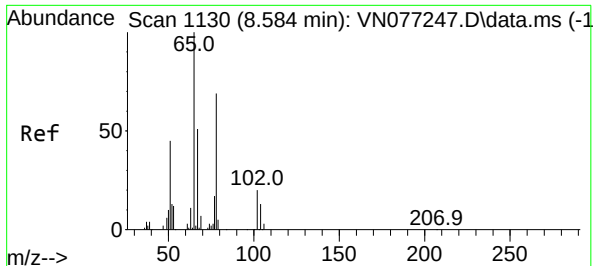


#32
1,1,1-Trichloroethane
Concen: 71.529 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21



Tgt Ion: 97 Resp: 724902
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.8
61 44.6 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 78.984 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077249.D

Acq: 31 Mar 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 65 Resp: 512334

Ion Ratio Lower Upper

65 100

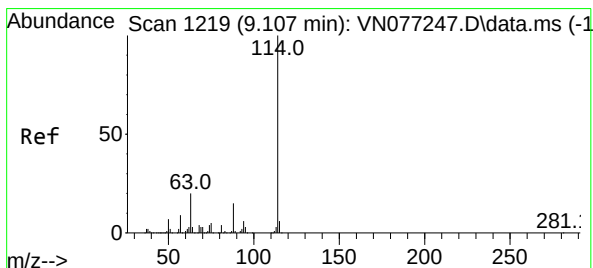
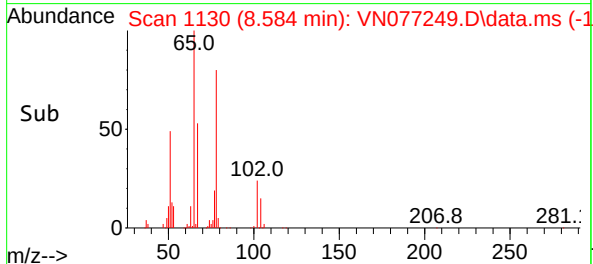
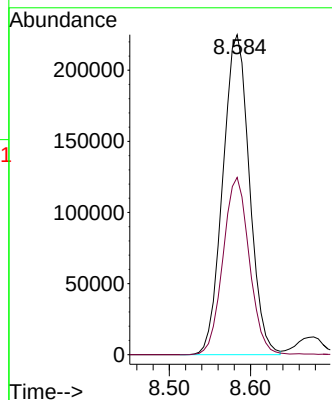
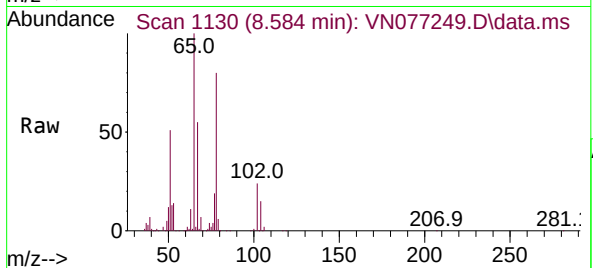
67 54.8 0.0 109.4

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: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077249.D

Acq: 31 Mar 2023 12:21

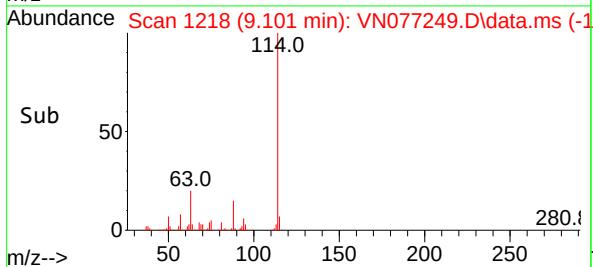
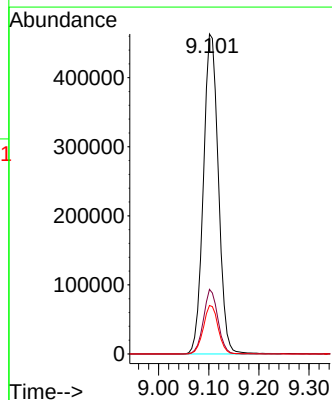
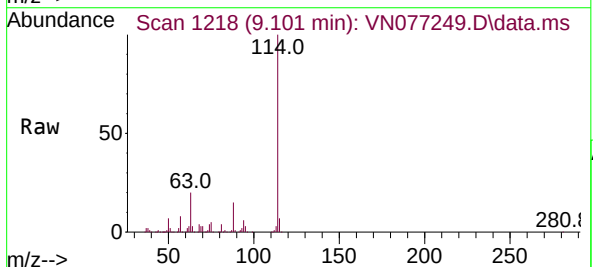
Tgt Ion:114 Resp: 962050

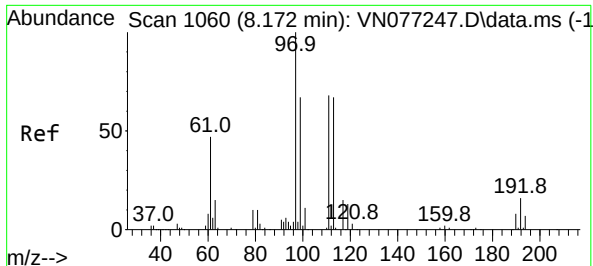
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

88 15.1 0.0 29.8





#35

Dibromofluoromethane

Concen: 80.600 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077249.D

Acq: 31 Mar 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:113 Resp: 456100

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

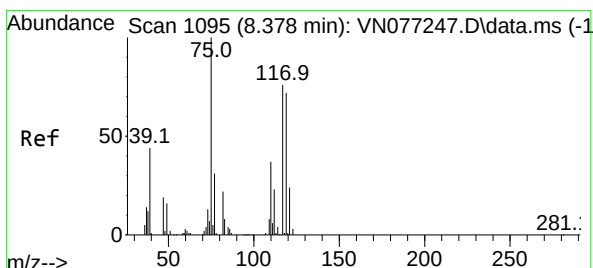
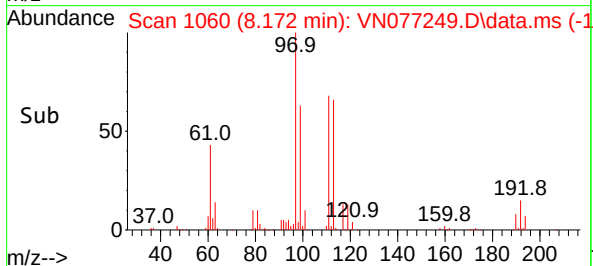
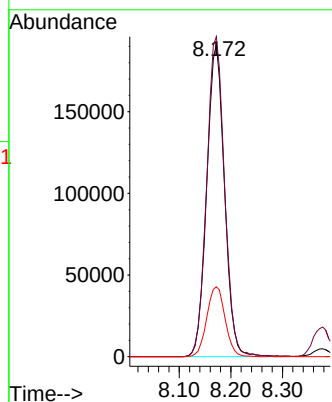
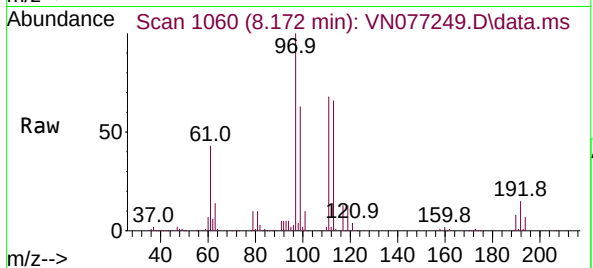
192 23.1 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#36

1,1-Dichloropropene

Concen: 73.893 ug/l

RT: 8.372 min Scan# 1094

Delta R.T. -0.006 min

Lab File: VN077249.D

Acq: 31 Mar 2023 12:21

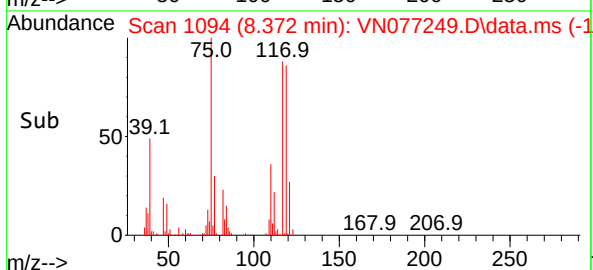
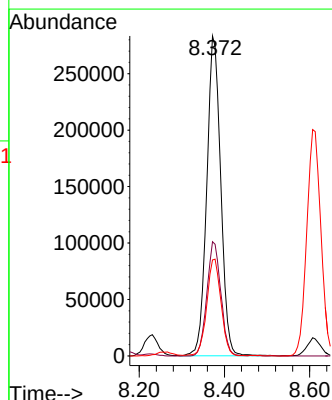
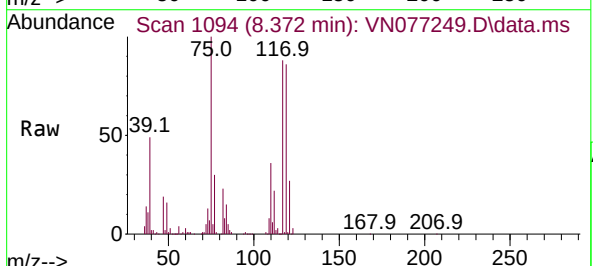
Tgt Ion: 75 Resp: 644016

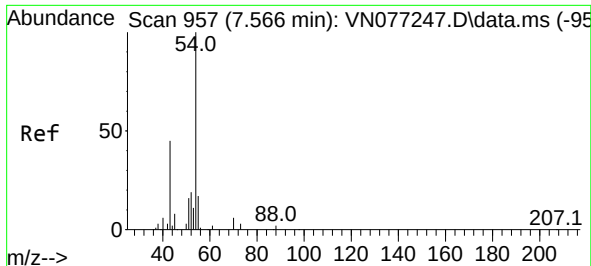
Ion Ratio Lower Upper

75 100

110 35.8 17.6 52.9

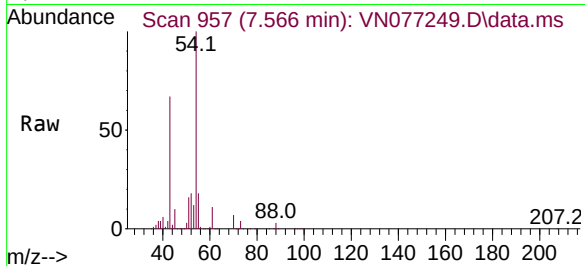
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 75.727 ug/l
RT: 7.566 min Scan# 957
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

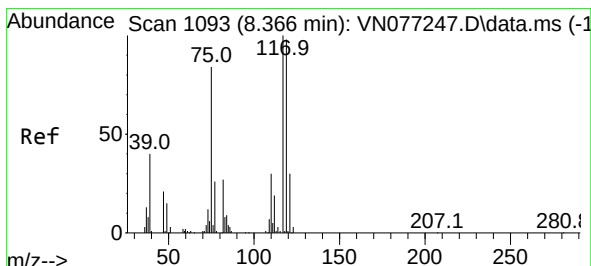
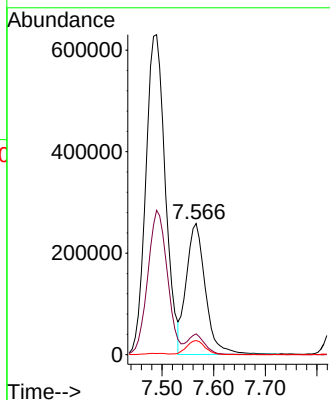
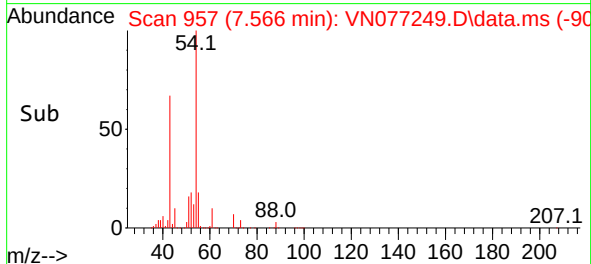
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



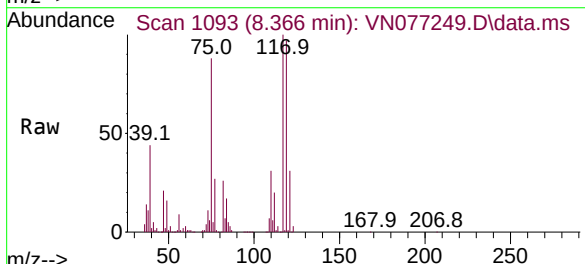
Tgt Ion: 43 Resp: 66215
Ion Ratio Lower Upper
43 100
61 13.7 10.9 16.3
70 10.3 8.8 13.2

Manual Integrations
APPROVED

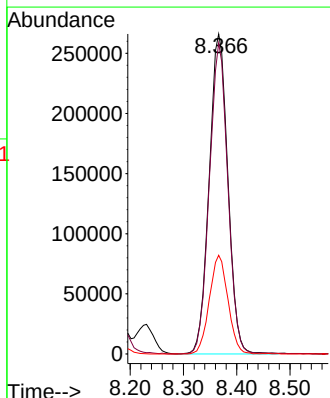
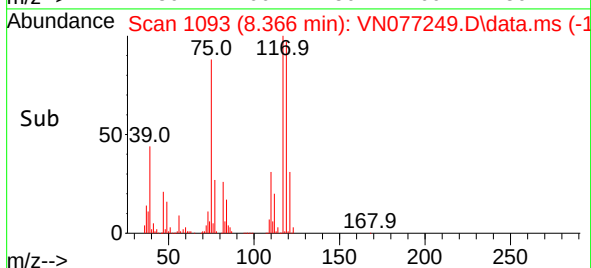
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

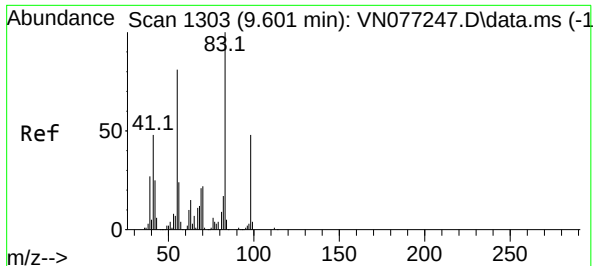


#38
Carbon Tetrachloride
Concen: 72.747 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21



Tgt Ion:117 Resp: 650124
Ion Ratio Lower Upper
117 100
119 97.1 76.5 114.7
121 30.8 23.8 35.8





#39

Methylcyclohexane

Concen: 77.836 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. 0.000 min

Lab File: VN077249.D

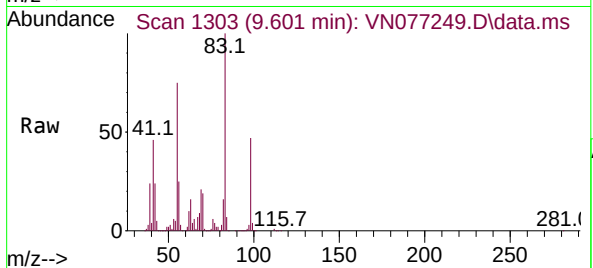
Acq: 31 Mar 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075



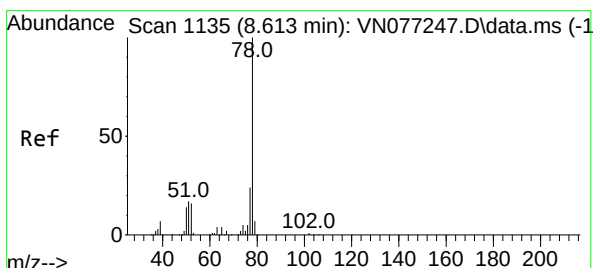
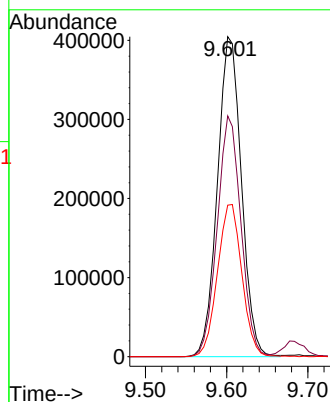
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.2	59.7	89.5
98	47.3	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#40

Benzene

Concen: 71.443 ug/l

RT: 8.613 min Scan# 1135

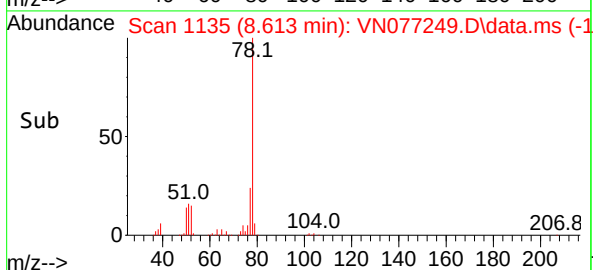
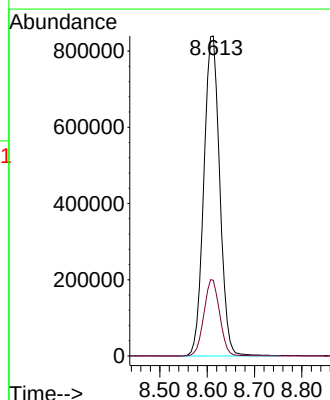
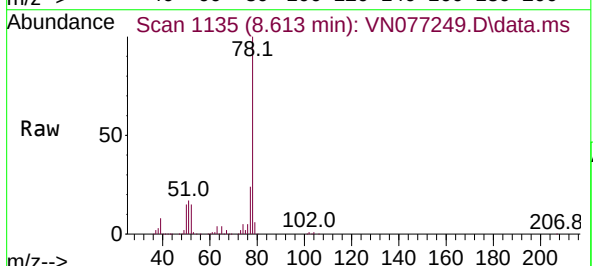
Delta R.T. 0.006 min

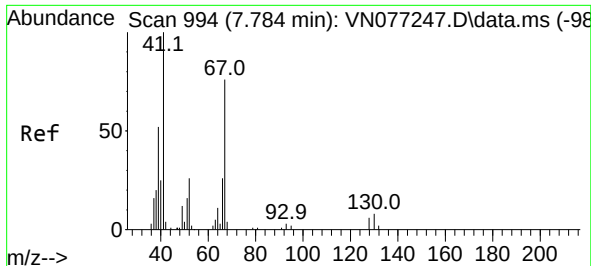
Lab File: VN077249.D

Acq: 31 Mar 2023 12:21

Tgt Ion: 78 Resp: 1954874

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1





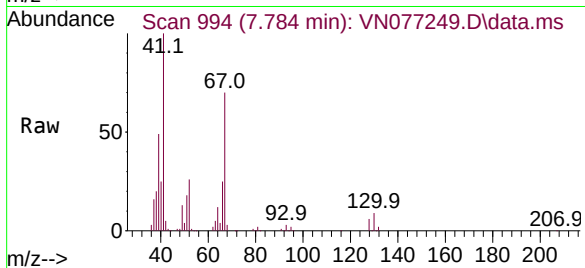
#41
Methacrylonitrile
Concen: 74.051 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075



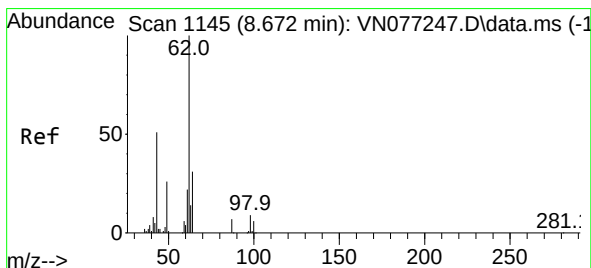
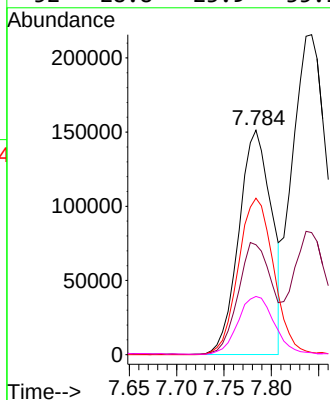
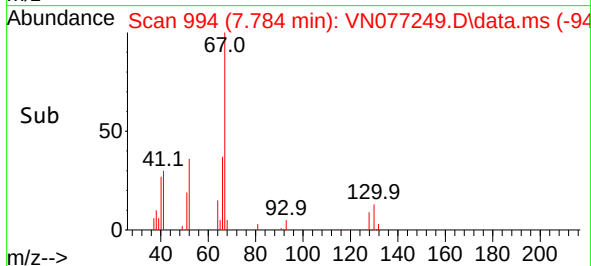
Tgt Ion: 41 Resp: 36250
Ion Ratio Lower Upper
41 100
39 50.8 44.0 66.0
67 76.3 60.7 91.1
52 28.8 23.9 35.9

Manual Integrations

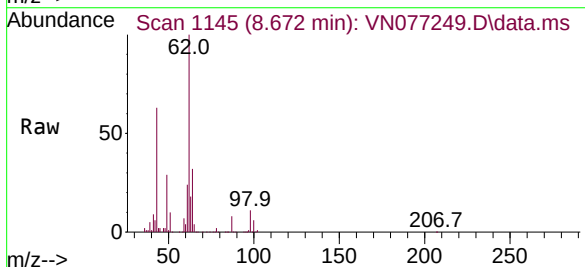
APPROVED

Reviewed By :John Carlone 04/03/2023

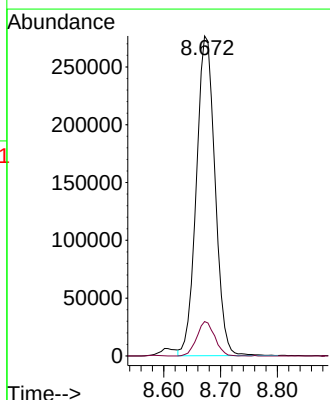
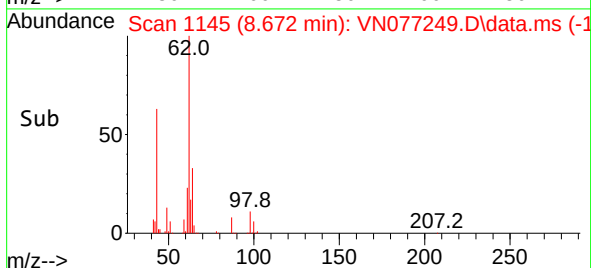
Supervised By :Mahesh Dadoda 04/03/2023

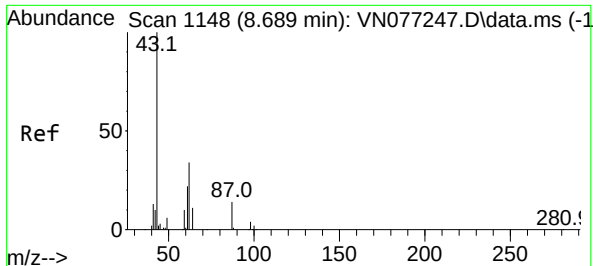


#42
1,2-Dichloroethane
Concen: 70.530 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21



Tgt Ion: 62 Resp: 631488
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.8





#43

Isopropyl Acetate

Concen: 77.139 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VN077249.D

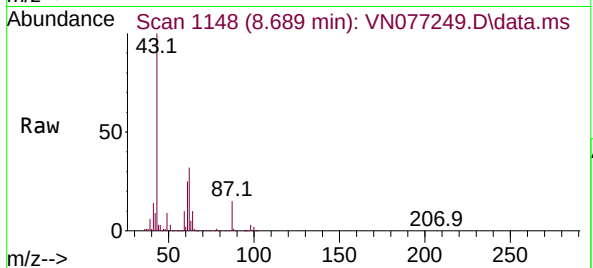
Acq: 31 Mar 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075



Tgt Ion: 43 Resp: 105809

Ion Ratio Lower Upper

43 100

61 28.0 22.2 33.2

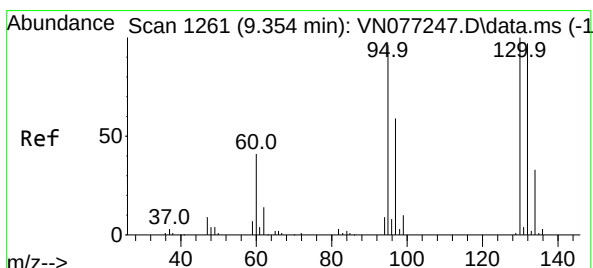
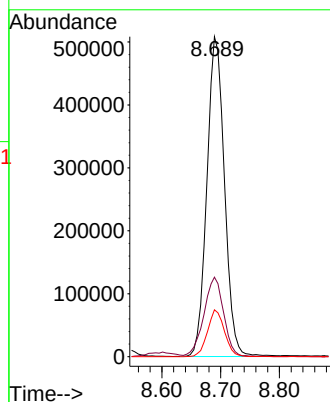
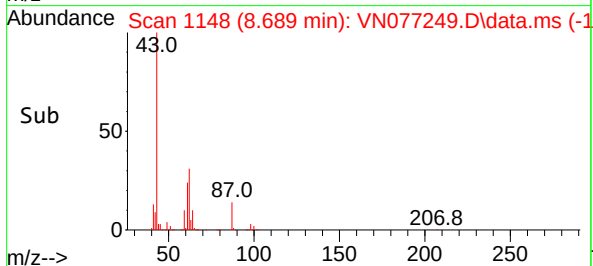
87 14.1 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#44

Trichloroethene

Concen: 72.064 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VN077249.D

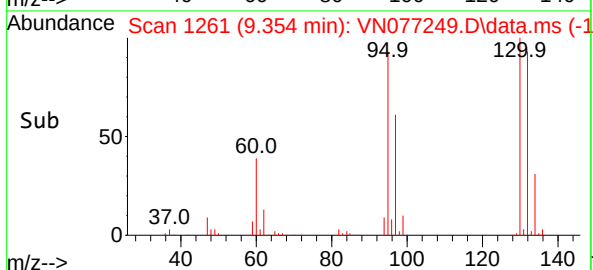
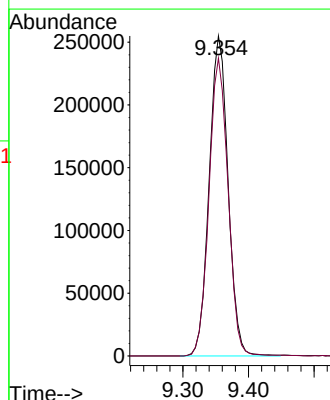
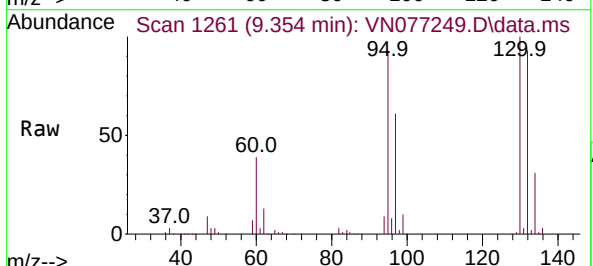
Acq: 31 Mar 2023 12:21

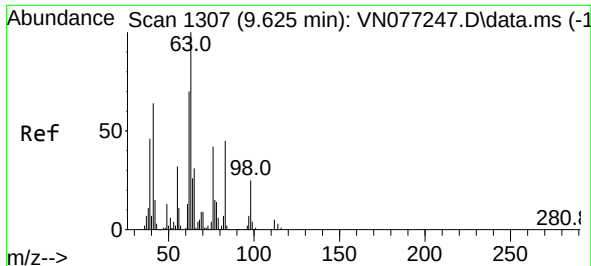
Tgt Ion:130 Resp: 510201

Ion Ratio Lower Upper

130 100

95 93.1 0.0 197.8





#45

1,2-Dichloropropane

Concen: 71.153 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077249.D

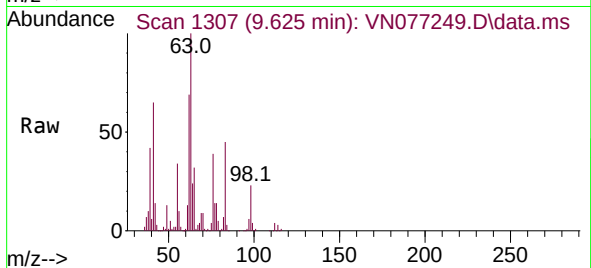
Acq: 31 Mar 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075



Tgt Ion: 63 Resp: 51791

Ion Ratio Lower Upper

63 100

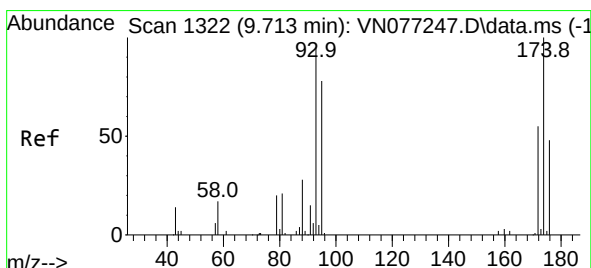
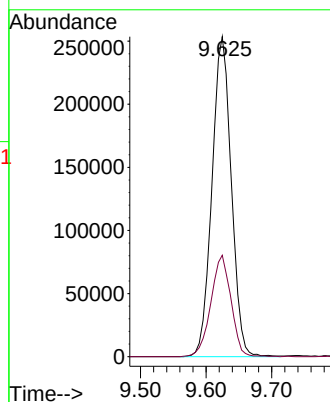
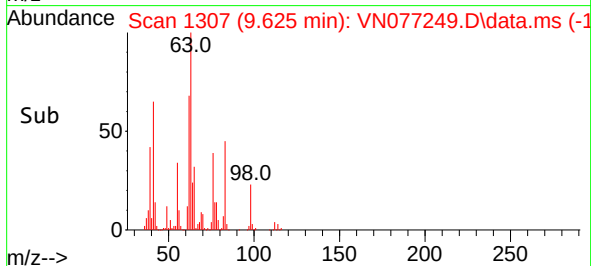
65 31.7 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#46

Dibromomethane

Concen: 70.233 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077249.D

Acq: 31 Mar 2023 12:21

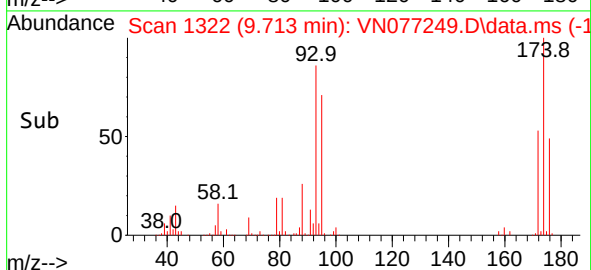
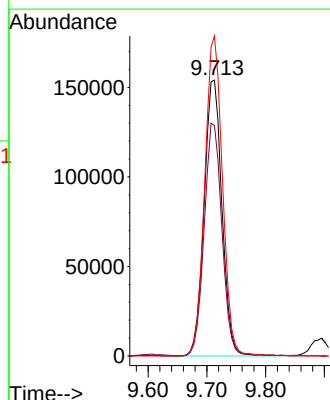
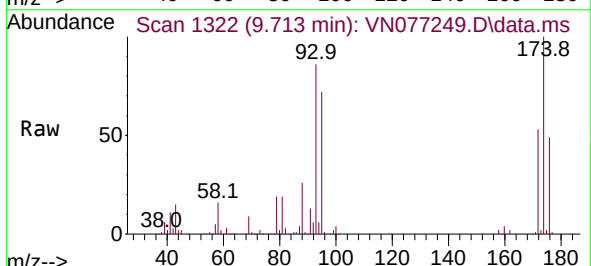
Tgt Ion: 93 Resp: 325014

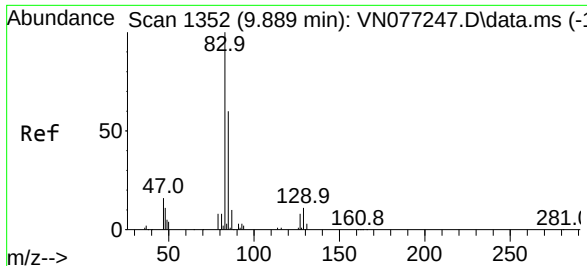
Ion Ratio Lower Upper

93 100

95 83.4 66.1 99.1

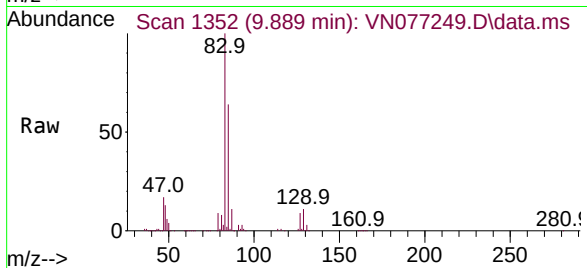
174 115.1 91.0 136.4





#47
Bromodichloromethane
Concen: 72.868 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

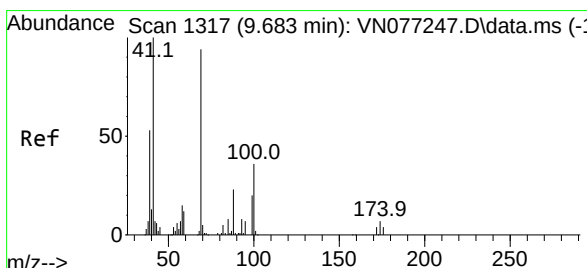
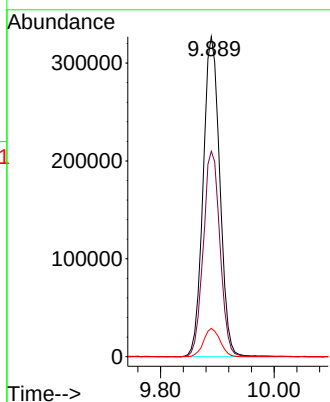
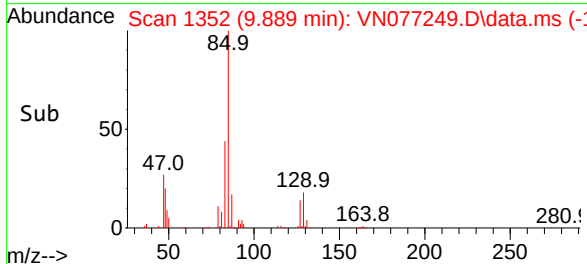
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



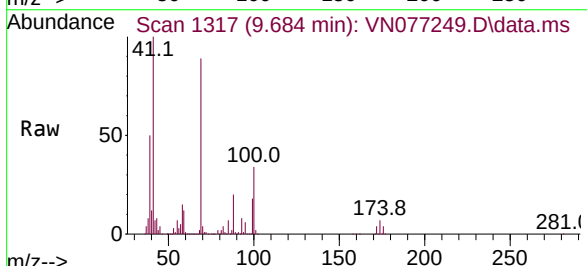
Tgt Ion: 83 Resp: 66394
Ion Ratio Lower Upper
83 100
85 64.2 51.3 76.9
127 8.9 6.6 10.0

Manual Integrations
APPROVED

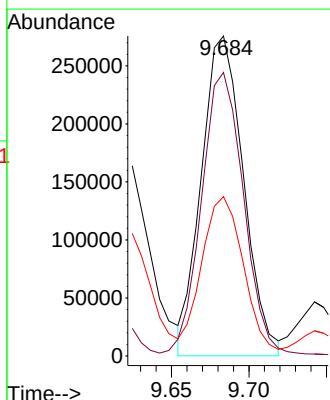
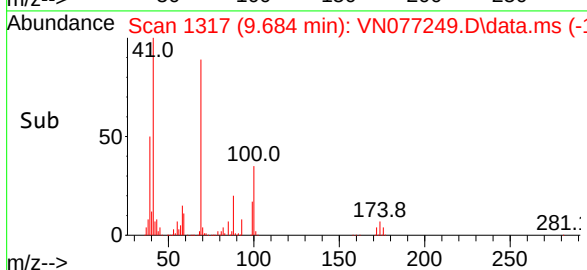
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

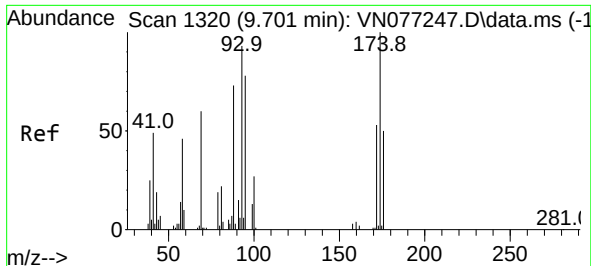


#48
Methyl methacrylate
Concen: 78.668 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21



Tgt Ion: 41 Resp: 520486
Ion Ratio Lower Upper
41 100
69 90.0 70.7 106.1
39 49.9 40.6 61.0





#49

1,4-Dioxane

Concen: 1538.350 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077249.D

Acq: 31 Mar 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 88 Resp: 193624

Ion Ratio Lower Upper

88 100

43 25.6 21.2 31.8

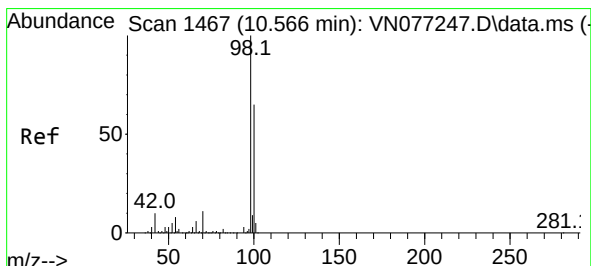
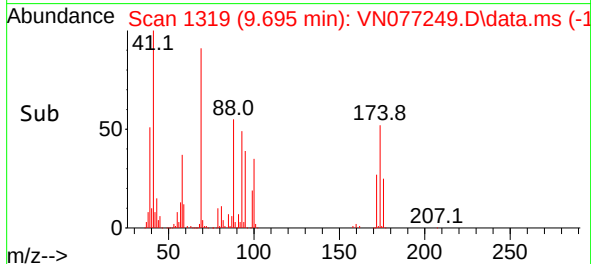
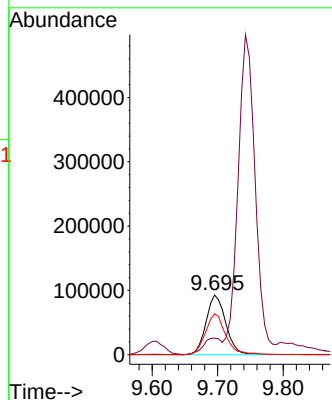
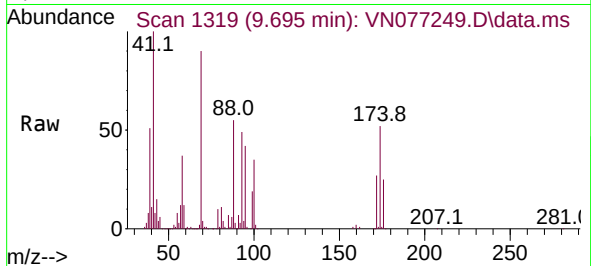
58 70.2 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#50

Toluene-d8

Concen: 82.590 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. 0.000 min

Lab File: VN077249.D

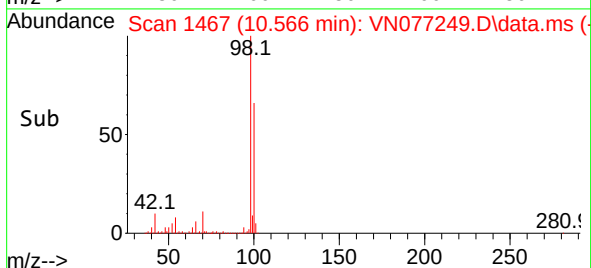
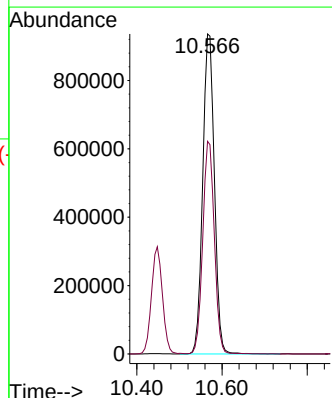
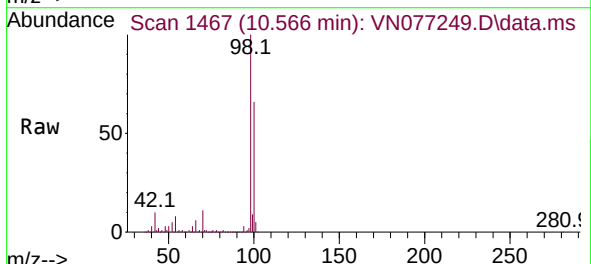
Acq: 31 Mar 2023 12:21

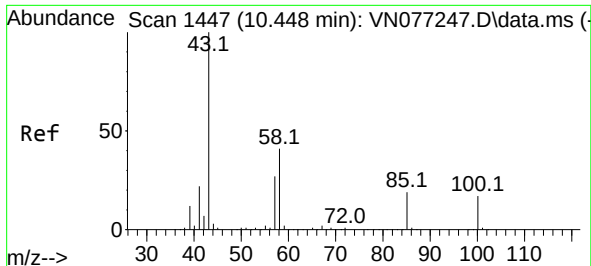
Tgt Ion: 98 Resp: 1773063

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0





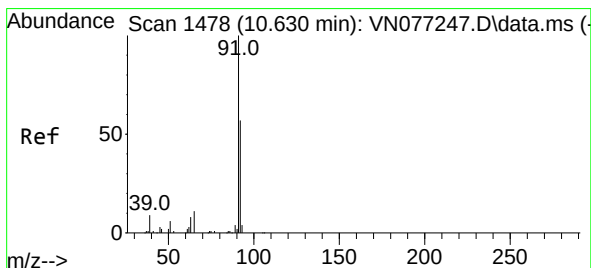
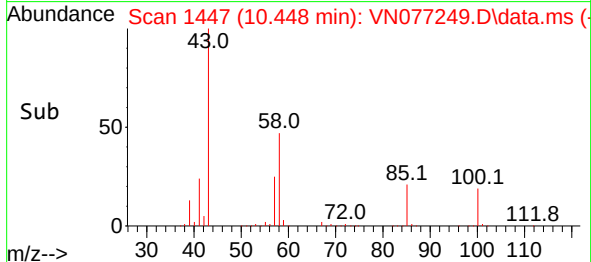
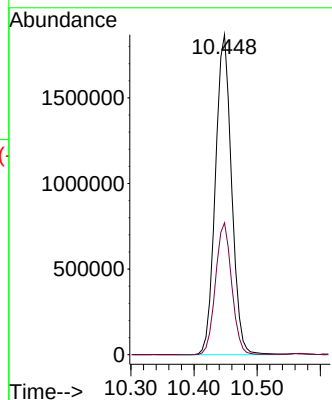
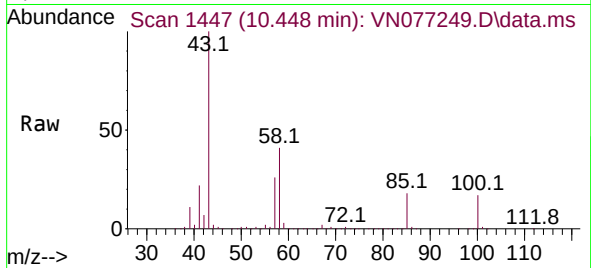
#51
4-Methyl-2-Pentanone
Concen: 382.861 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 3325210
Ion Ratio Lower Upper
43 100
58 41.4 33.3 49.9

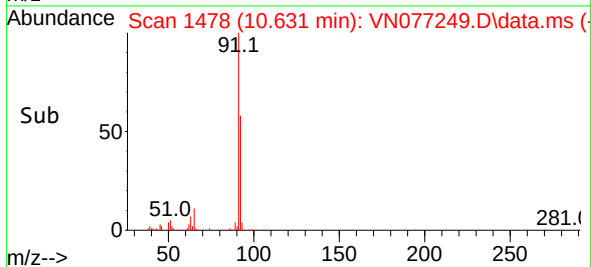
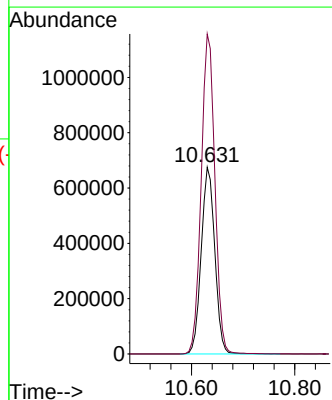
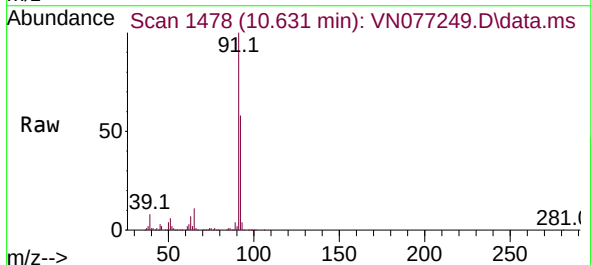
Manual Integrations
APPROVED

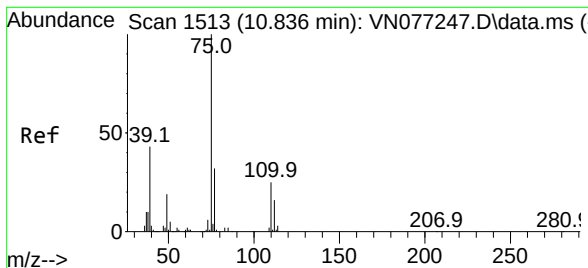
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#52
Toluene
Concen: 74.256 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

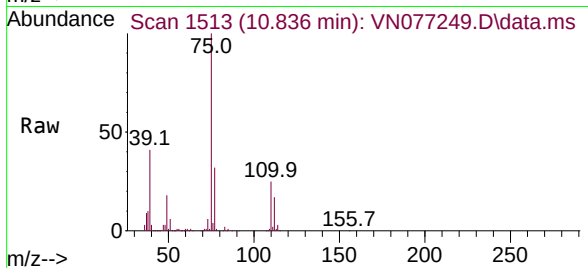
Tgt Ion: 92 Resp: 1229008
Ion Ratio Lower Upper
92 100
91 173.1 138.8 208.2





#53
t-1,3-Dichloropropene
Concen: 81.962 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

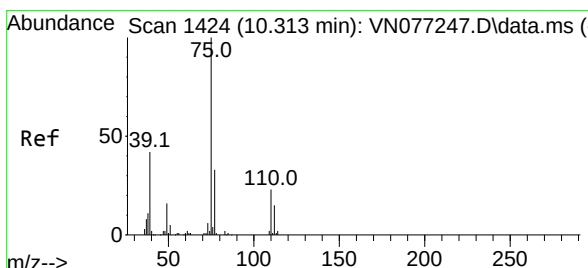
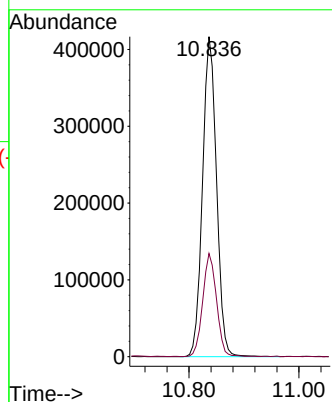
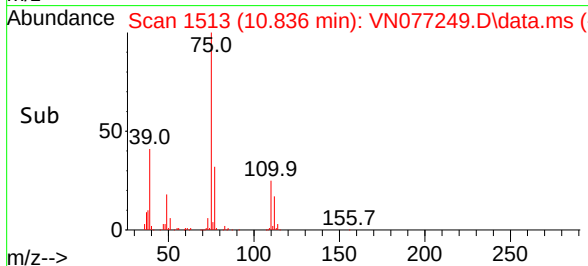
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



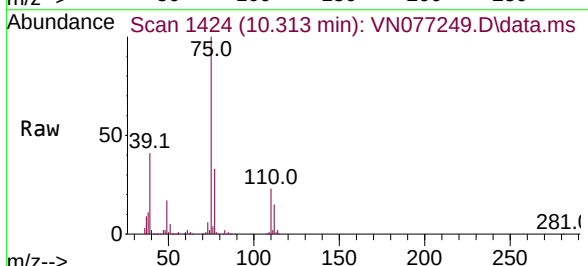
Tgt Ion: 75 Resp: 73660
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8

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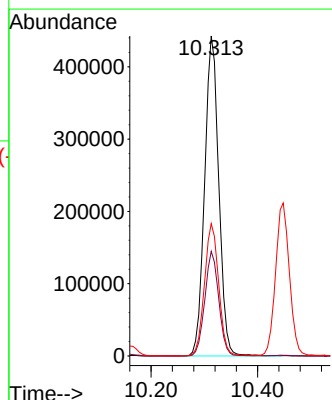
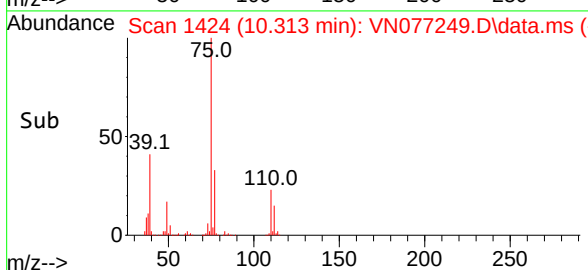
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

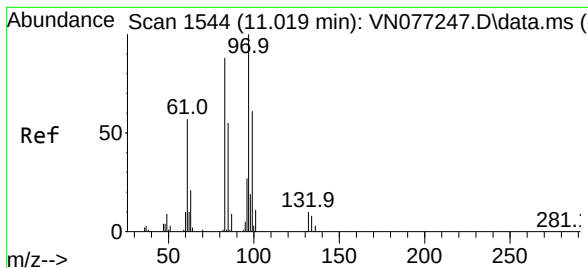


#54
cis-1,3-Dichloropropene
Concen: 78.251 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21



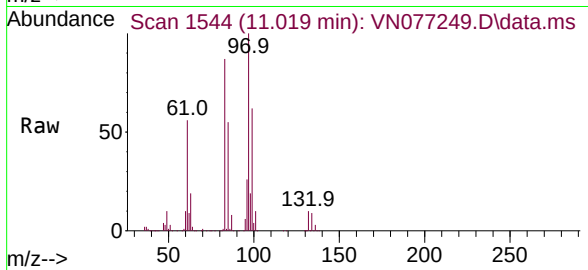
Tgt Ion: 75 Resp: 816986
Ion Ratio Lower Upper
75 100
77 32.7 24.8 37.2
39 41.4 33.3 49.9





#55
1,1,2-Trichloroethane
Concen: 71.652 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

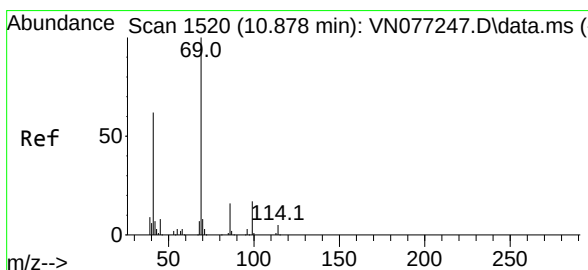
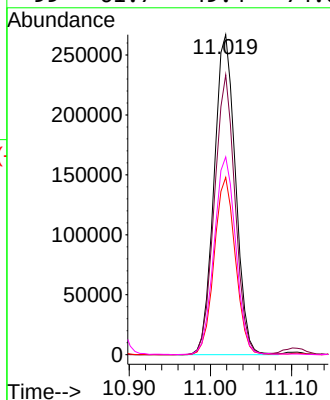
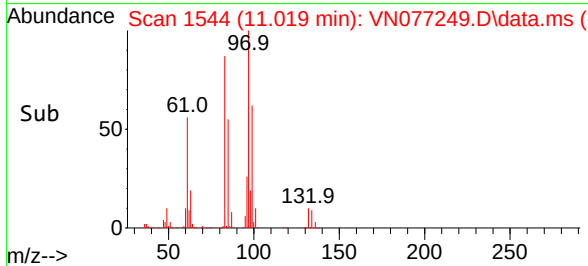
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 97 Resp: 490554
Ion Ratio Lower Upper
97 100
83 87.4 68.4 102.6
85 55.3 43.2 64.8
99 61.7 49.4 74.0

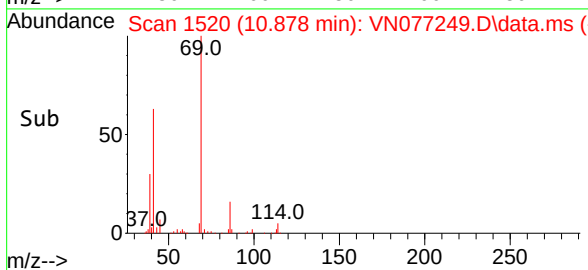
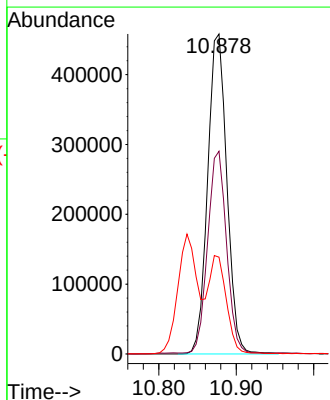
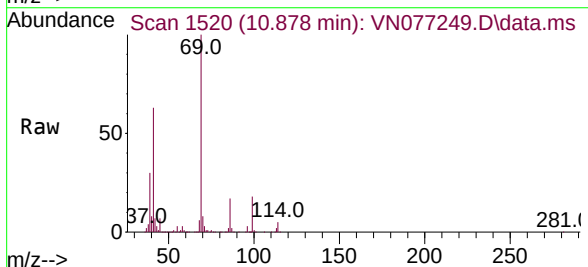
Manual Integrations
APPROVED

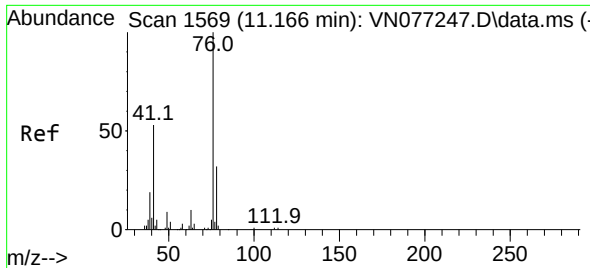
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#56
Ethyl methacrylate
Concen: 83.439 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

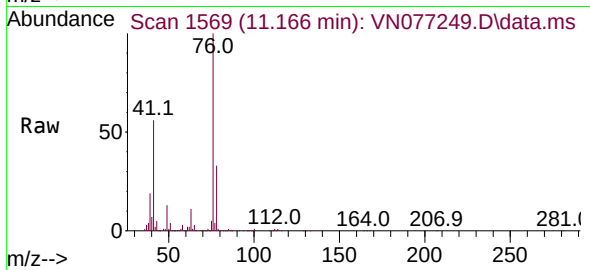
Tgt Ion: 69 Resp: 790780
Ion Ratio Lower Upper
69 100
41 62.0 49.9 74.9
39 26.7 21.9 32.9





#57
1,3-Dichloropropane
Concen: 73.059 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

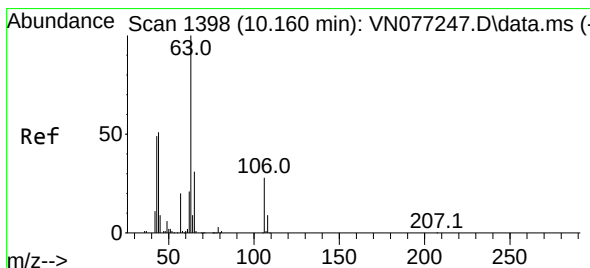
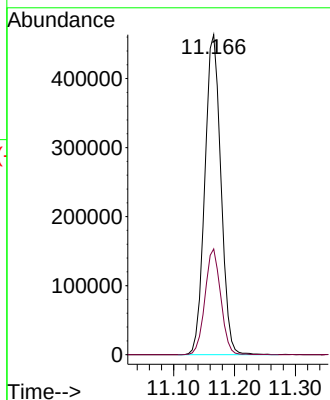
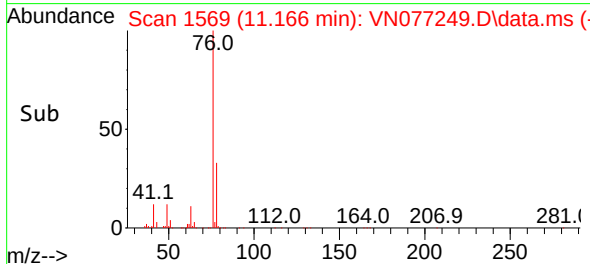
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



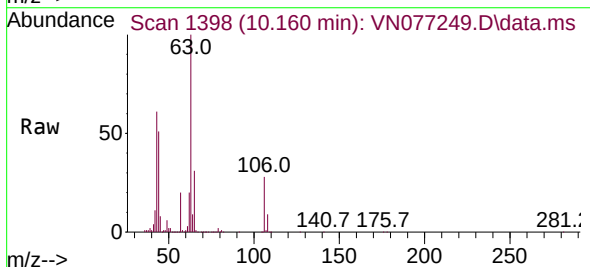
Tgt Ion: 76 Resp: 849670
Ion Ratio Lower Upper
76 100
78 32.4 25.9 38.9

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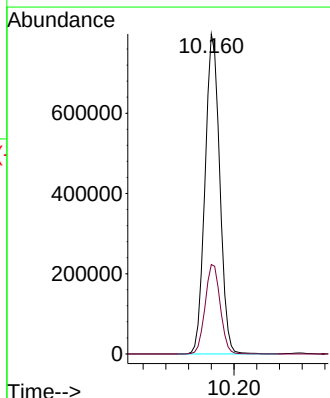
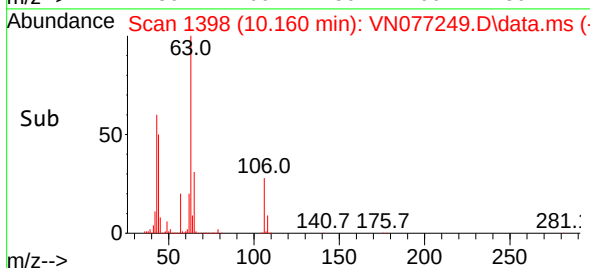
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

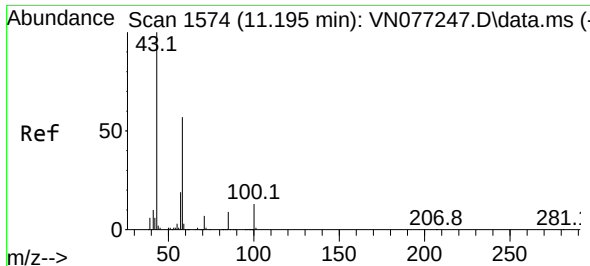


#58
2-Chloroethyl Vinyl ether
Concen: 436.544 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21



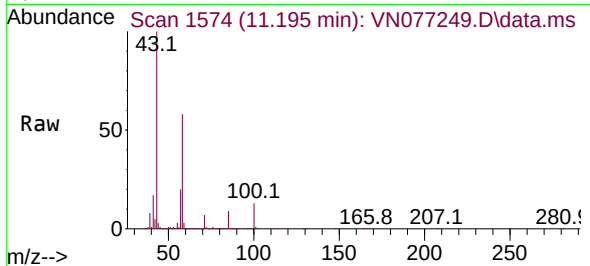
Tgt Ion: 63 Resp: 1430174
Ion Ratio Lower Upper
63 100
106 28.6 22.6 33.8





#59
2-Hexanone
Concen: 387.780 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

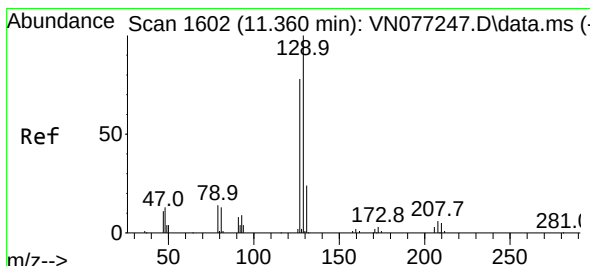
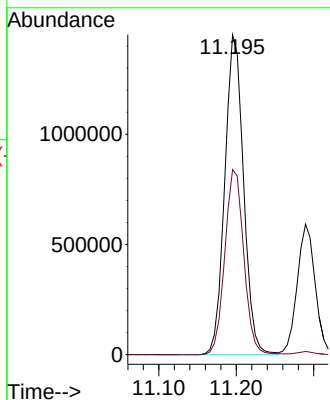
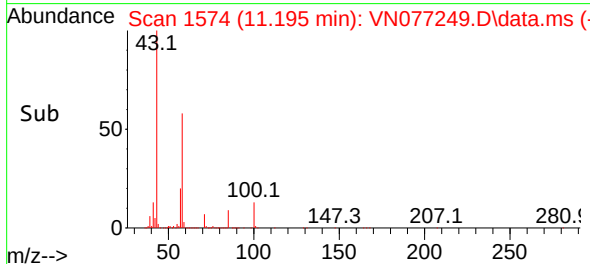
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



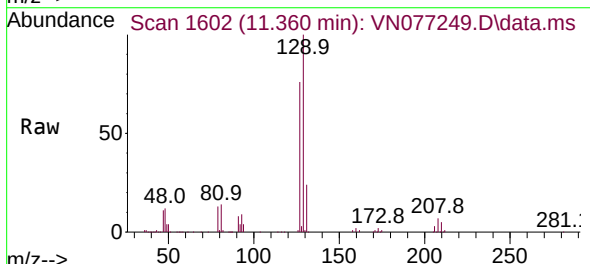
Tgt Ion: 43 Resp: 2444168
Ion Ratio Lower Upper
43 100
58 58.6 29.3 88.0

Manual Integrations
APPROVED

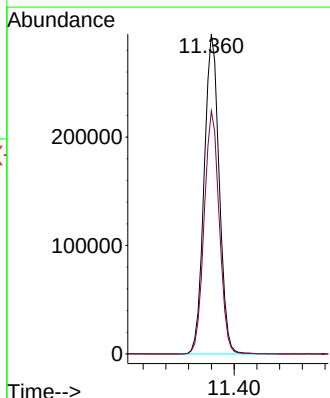
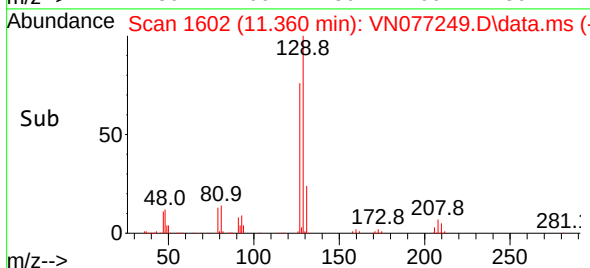
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

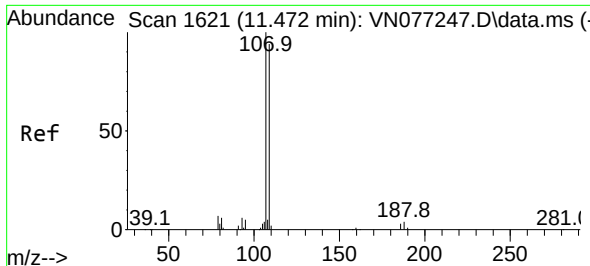


#60
Dibromochloromethane
Concen: 75.895 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21



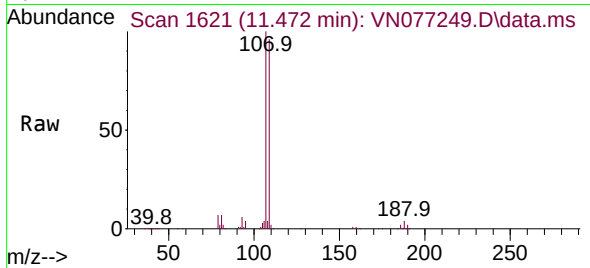
Tgt Ion:129 Resp: 539859
Ion Ratio Lower Upper
129 100
127 76.3 38.1 114.3





#61
1,2-Dibromoethane
Concen: 75.293 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

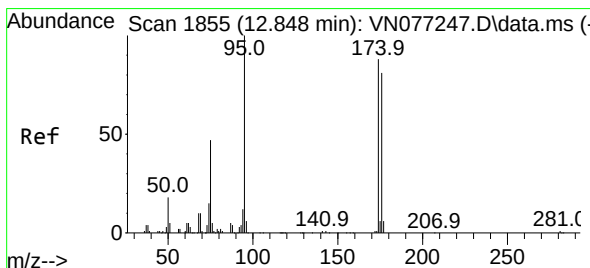
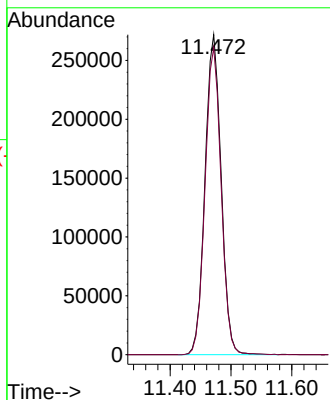
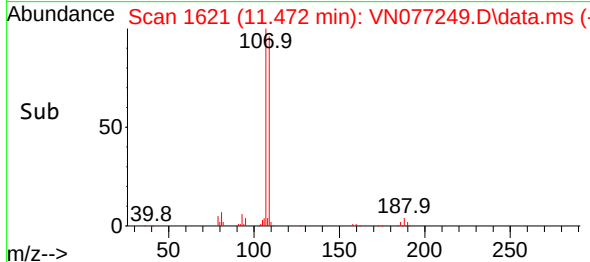
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:107 Resp: 500460
Ion Ratio Lower Upper
107 100
109 95.6 75.7 113.5

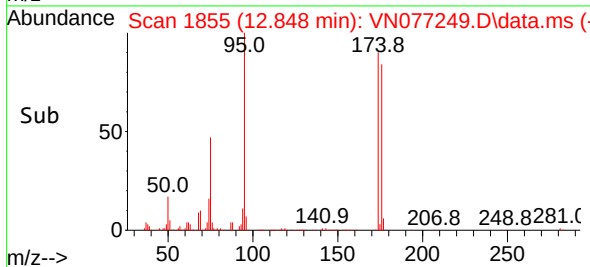
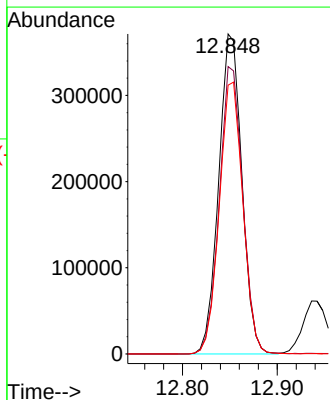
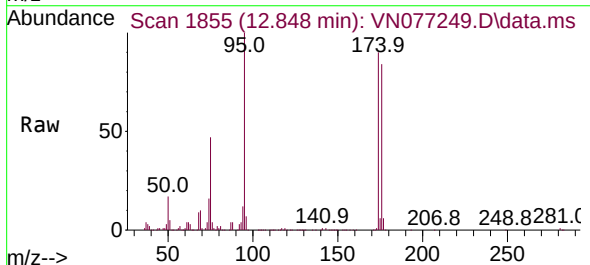
Manual Integrations
APPROVED

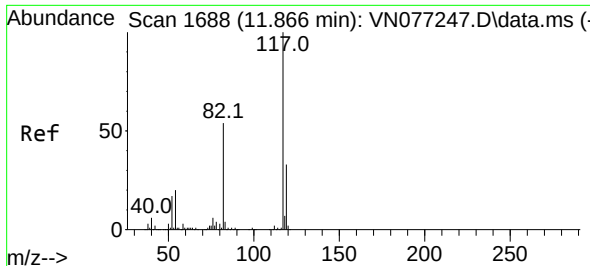
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#62
4-Bromofluorobenzene
Concen: 89.050 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

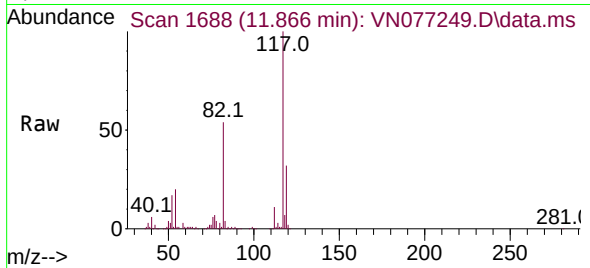
Tgt Ion: 95 Resp: 632869
Ion Ratio Lower Upper
95 100
174 90.3 0.0 179.2
176 86.3 0.0 171.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

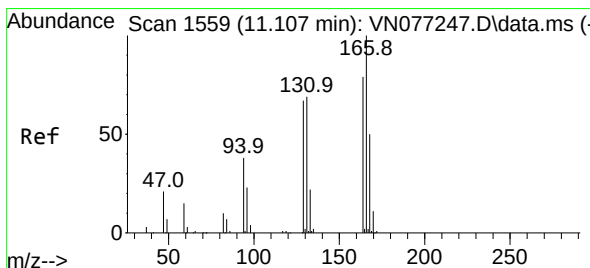
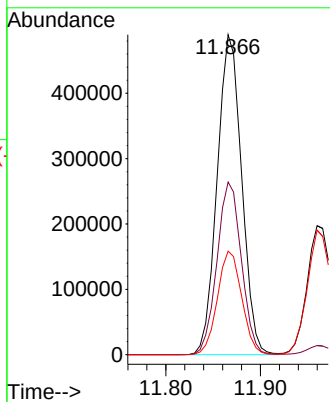
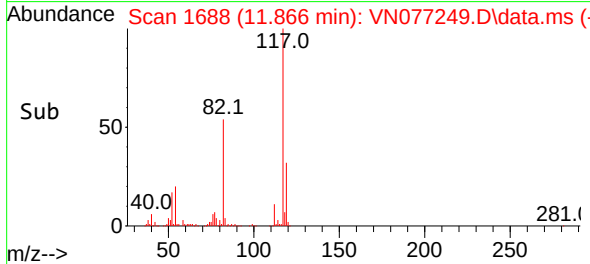
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:117 Resp: 879690
Ion Ratio Lower Upper
117 100
82 53.9 42.9 64.3
119 32.3 25.3 37.9

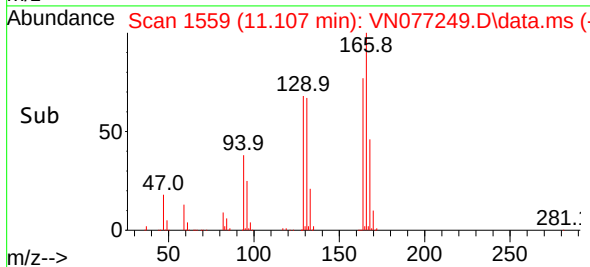
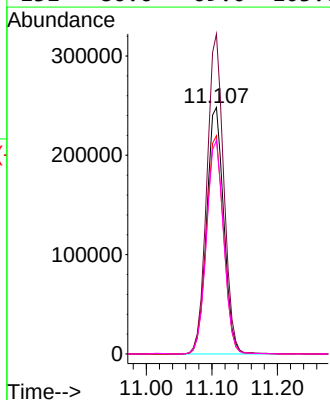
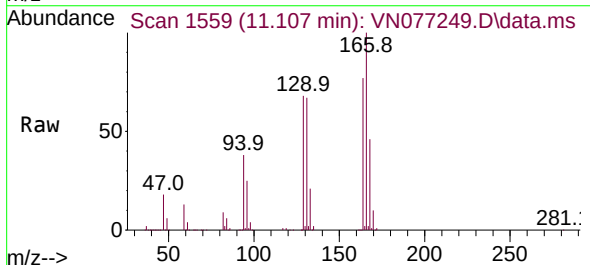
Manual Integrations
APPROVED

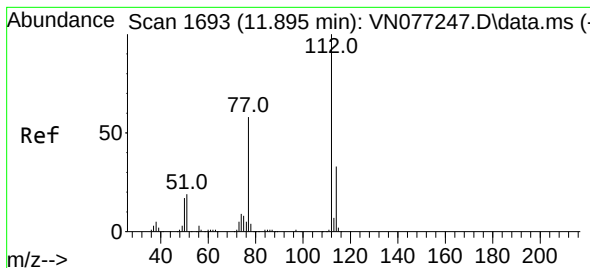
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#64
Tetrachloroethene
Concen: 70.075 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Tgt Ion:164 Resp: 451368
Ion Ratio Lower Upper
164 100
166 129.8 106.0 159.0
129 88.5 72.4 108.6
131 86.6 69.0 103.6





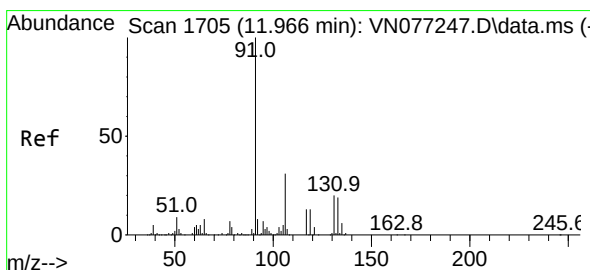
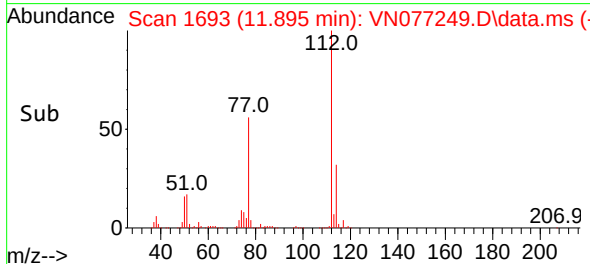
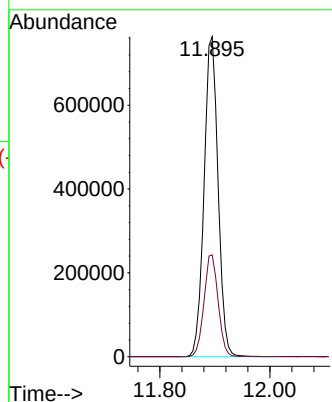
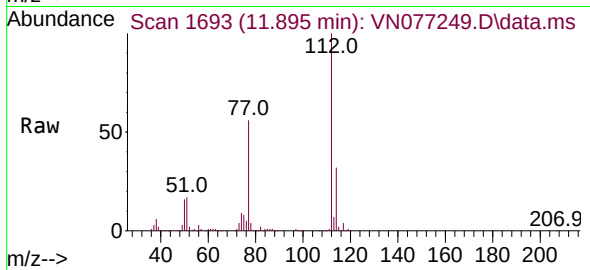
#65
Chlorobenzene
Concen: 72.614 ug/l
RT: 11.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion:112 Resp: 134862
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9

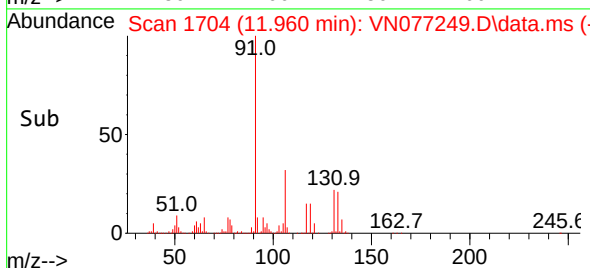
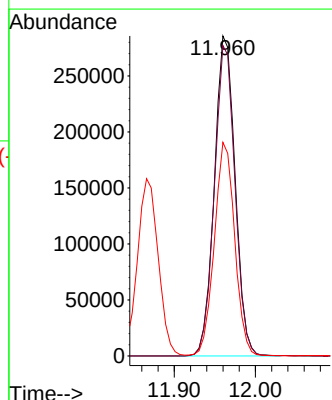
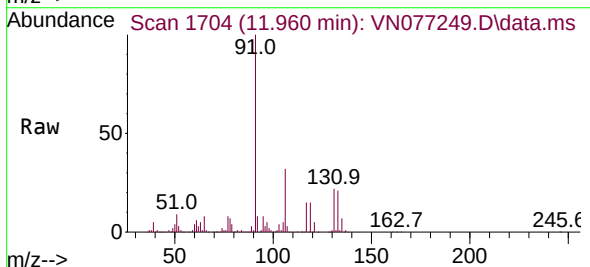
Manual Integrations
APPROVED

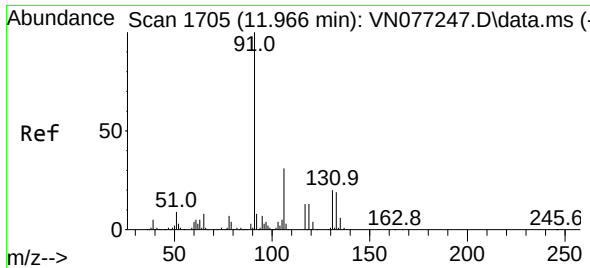
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 71.481 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

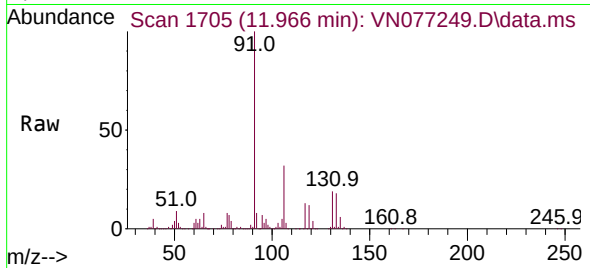
Tgt Ion:131 Resp: 508767
Ion Ratio Lower Upper
131 100
133 96.1 46.5 139.5
119 65.4 32.0 96.2





#67
Ethyl Benzene
Concen: 76.925 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

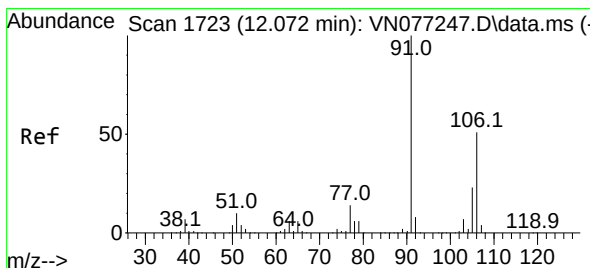
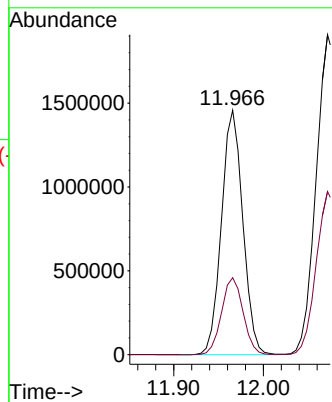
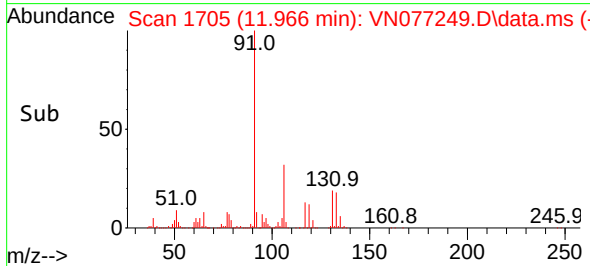
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



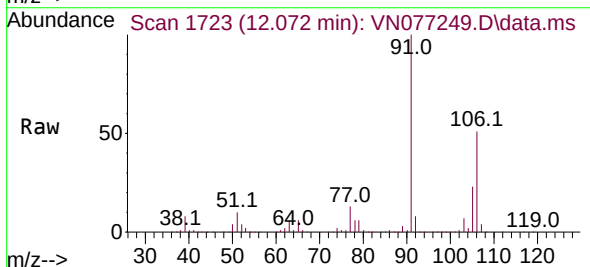
Tgt Ion: 91 Resp: 2408678
Ion Ratio Lower Upper
91 100
106 31.5 24.3 36.5

Manual Integrations
APPROVED

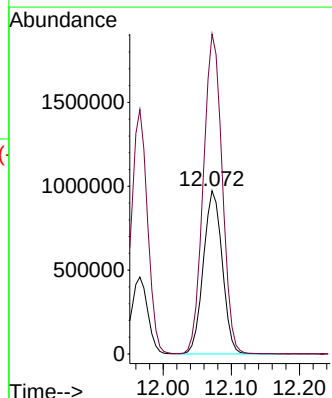
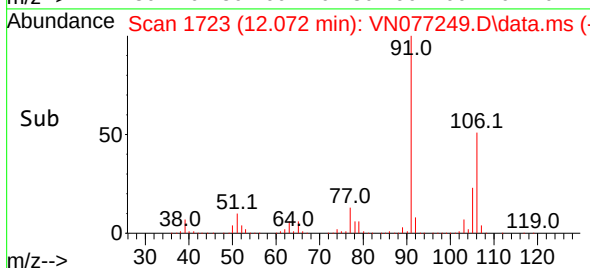
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

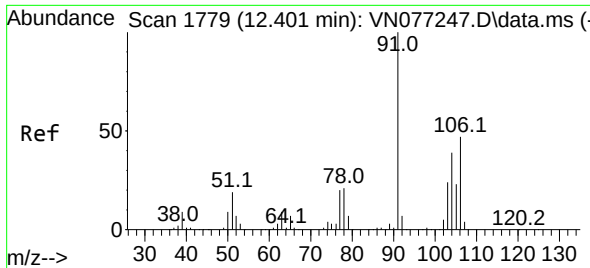


#68
m/p-Xylenes
Concen: 153.510 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21



Tgt Ion:106 Resp: 1869529
Ion Ratio Lower Upper
106 100
91 196.5 158.6 238.0





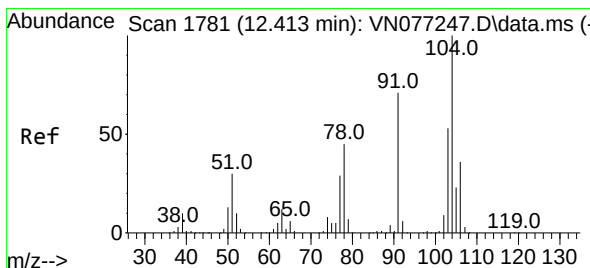
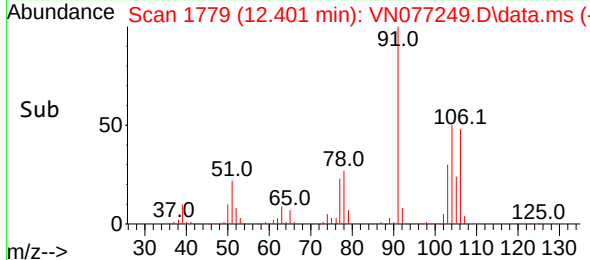
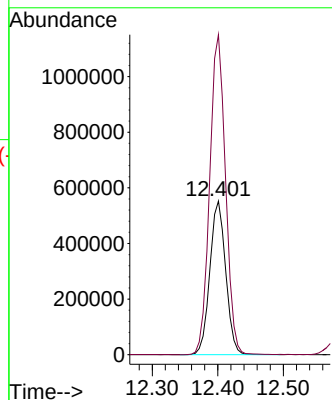
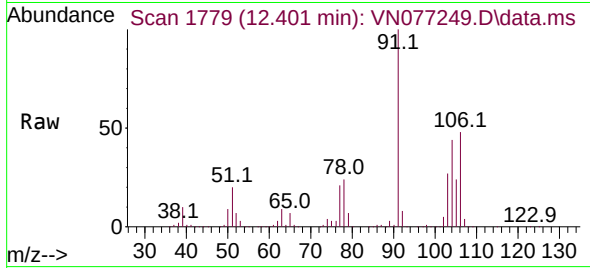
#69
o-Xylene
Concen: 78.895 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:106 Resp: 926529
Ion Ratio Lower Upper
106 100
91 208.4 104.7 314.1

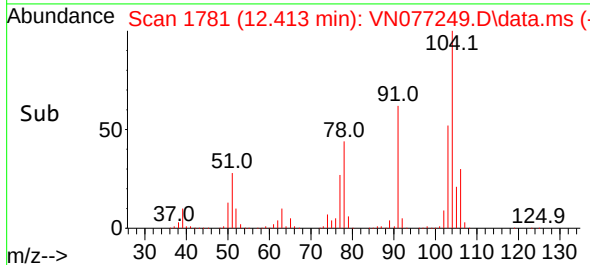
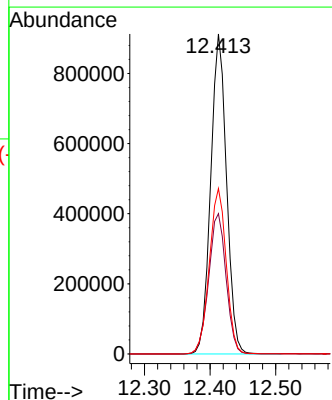
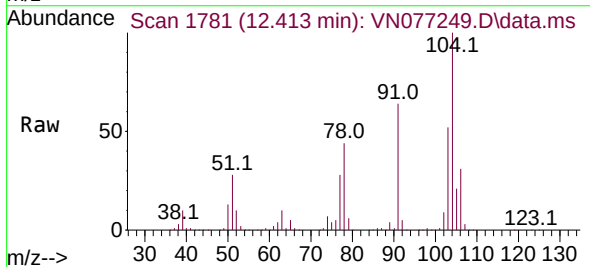
Manual Integrations
APPROVED

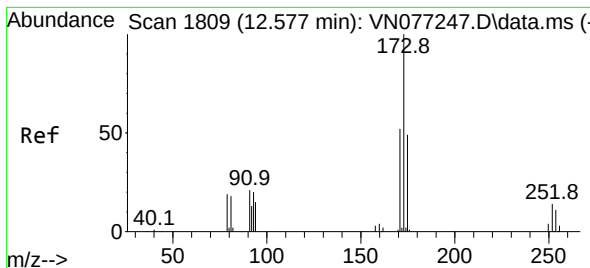
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#70
Styrene
Concen: 81.897 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

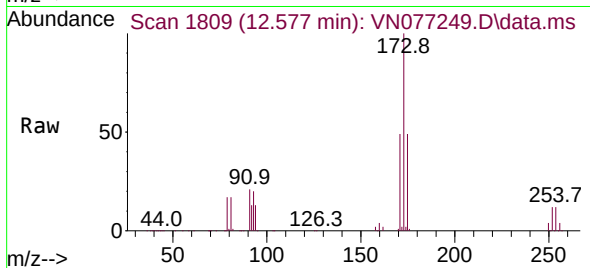
Tgt Ion:104 Resp: 1531209
Ion Ratio Lower Upper
104 100
78 48.1 38.7 58.1
103 55.3 44.5 66.7





#71
Bromoform
Concen: 77.593 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

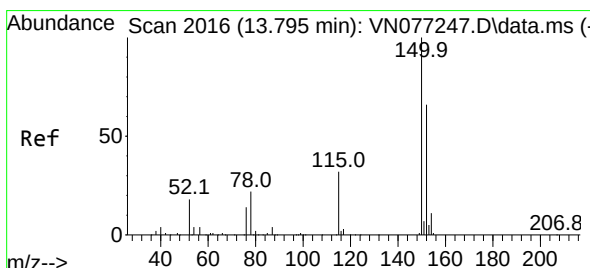
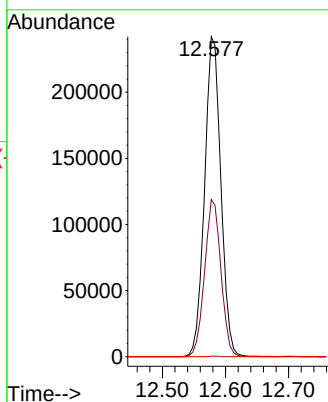
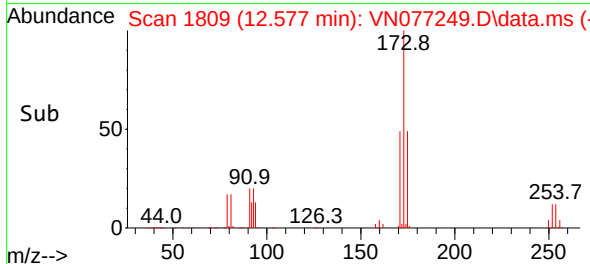
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



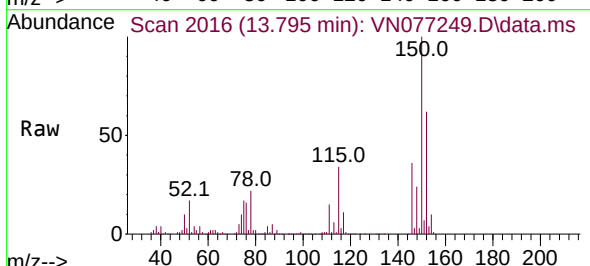
Tgt Ion:173 Resp: 433500
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.8
254 0.1 0.1 0.1

Manual Integrations
APPROVED

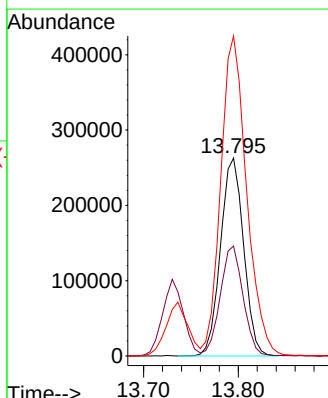
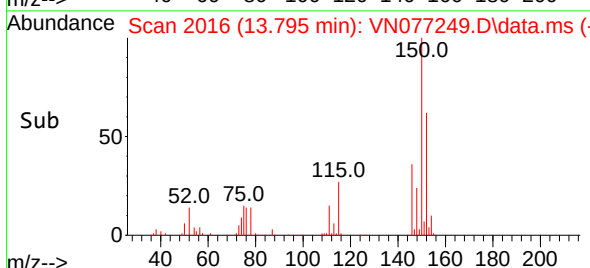
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

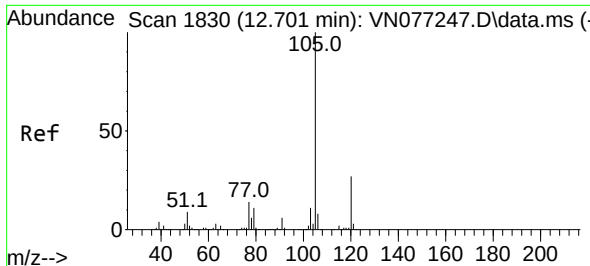


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21



Tgt Ion:152 Resp: 446124
Ion Ratio Lower Upper
152 100
115 54.4 27.9 83.6
150 180.7 0.0 346.4





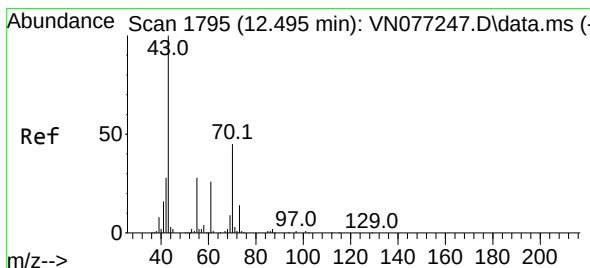
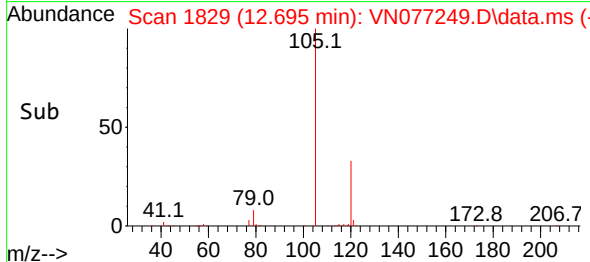
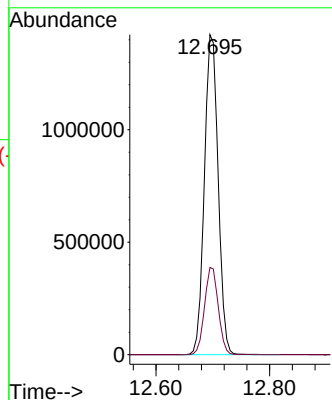
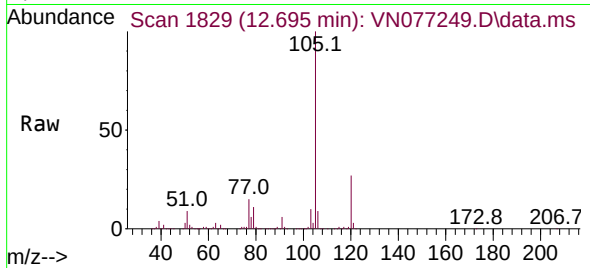
#73
Isopropylbenzene
Concen: 71.741 ug/l
RT: 12.695 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion:105 Resp: 238664
Ion Ratio Lower Upper
105 100
120 27.2 13.7 41.1

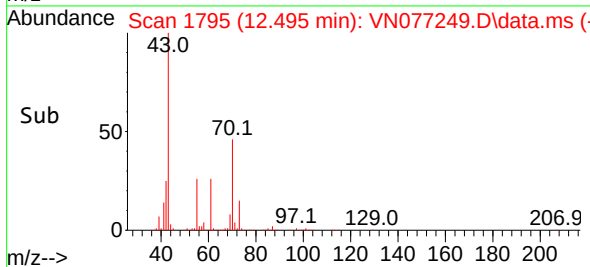
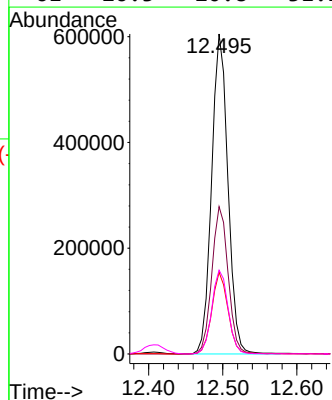
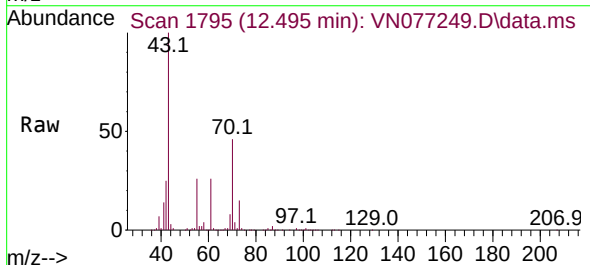
Manual Integrations
APPROVED

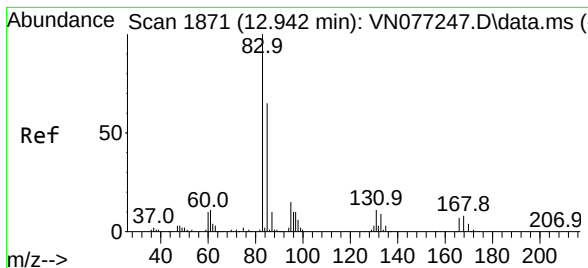
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#74
N-amy1 acetate
Concen: 75.332 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

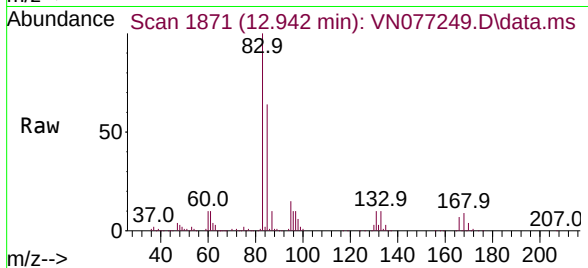
Tgt Ion: 43 Resp: 923924
Ion Ratio Lower Upper
43 100
70 46.2 37.5 56.3
55 25.5 21.4 32.0
61 26.3 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 63.161 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

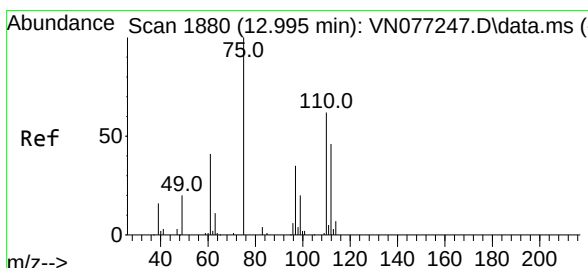
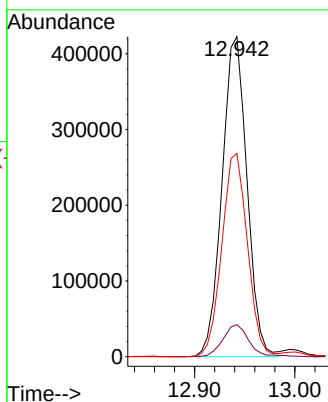
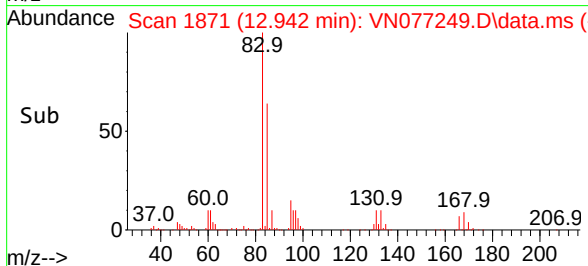
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 83 Resp: 73074
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 65.1 32.3 96.9

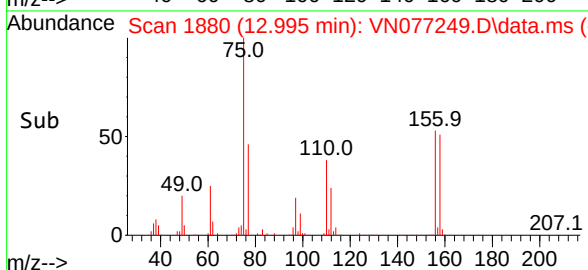
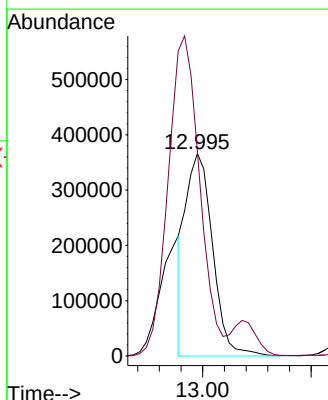
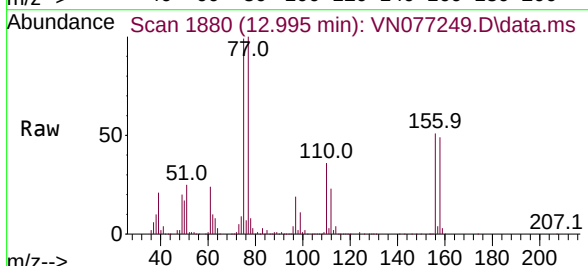
Manual Integrations
APPROVED

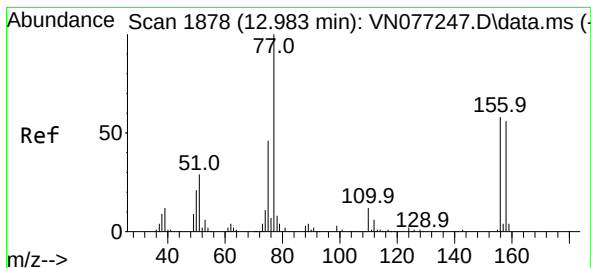
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#76
1,2,3-Trichloropropane
Concen: 67.498 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Tgt Ion: 75 Resp: 634329
Ion Ratio Lower Upper
75 100
77 184.3 93.7 280.9





#77

Bromobenzene

Concen: 68.380 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077249.D

Acq: 31 Mar 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

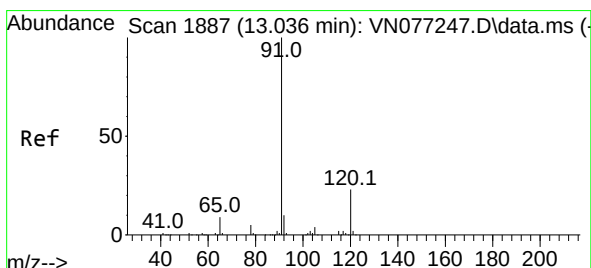
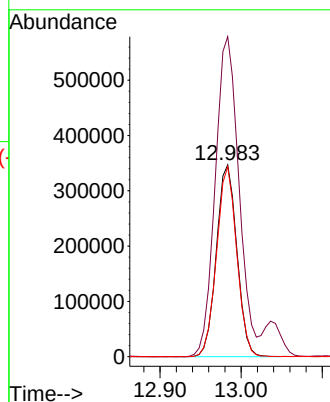
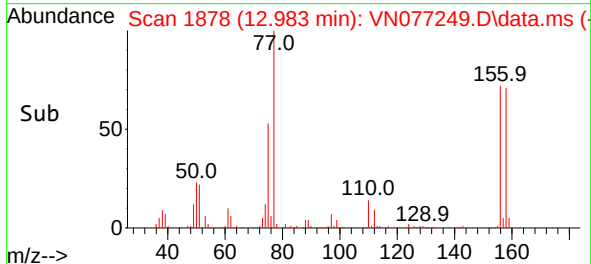
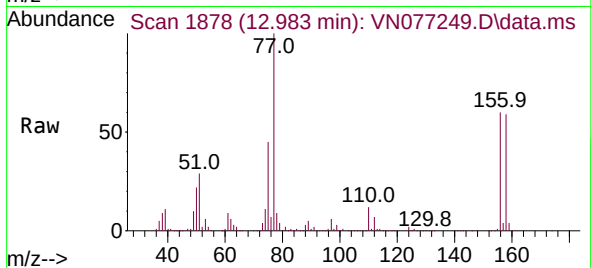
Tgt Ion:156 Resp: 60914
 Ion Ratio Lower Upper
 156 100
 77 191.9 97.0 291.2
 158 97.4 49.1 147.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#78

n-propylbenzene

Concen: 75.414 ug/l

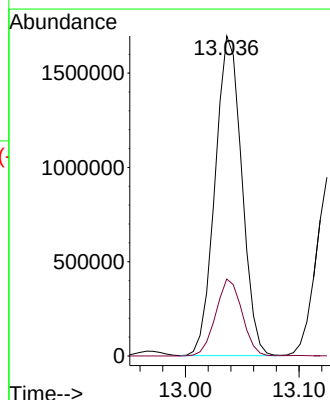
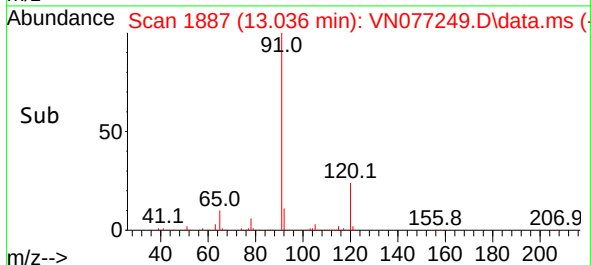
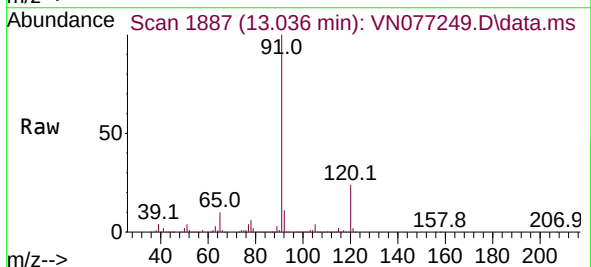
RT: 13.036 min Scan# 1887

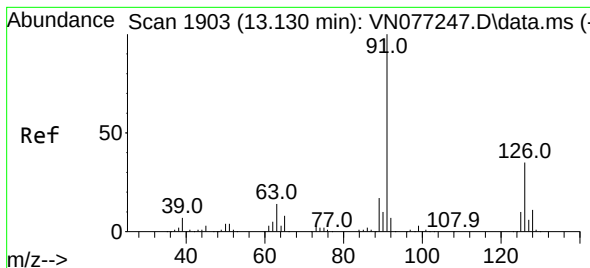
Delta R.T. 0.000 min

Lab File: VN077249.D

Acq: 31 Mar 2023 12:21

Tgt Ion: 91 Resp: 2766692
 Ion Ratio Lower Upper
 91 100
 120 23.7 11.7 35.1





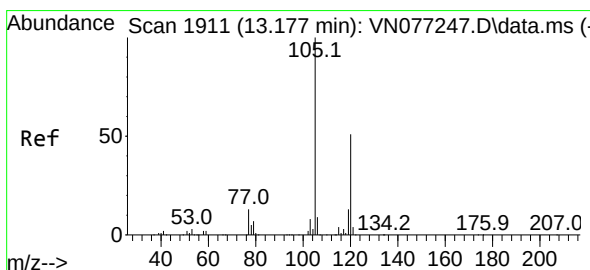
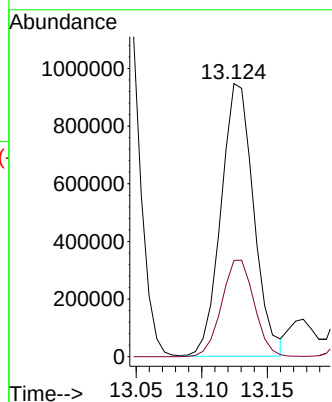
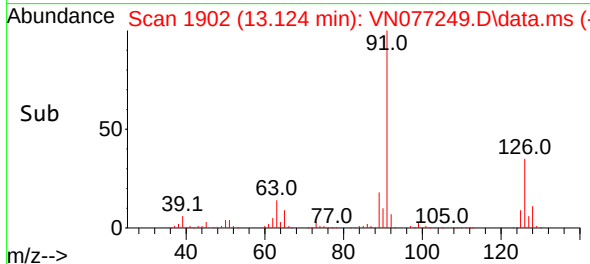
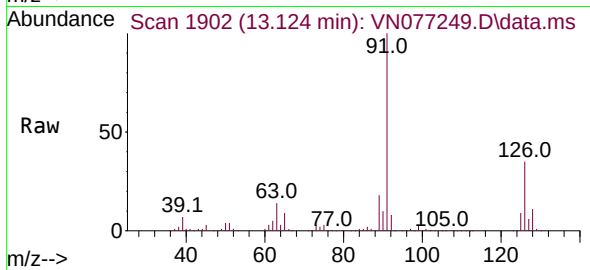
#79
2-Chlorotoluene
Concen: 69.539 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 91 Resp: 164098
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.9

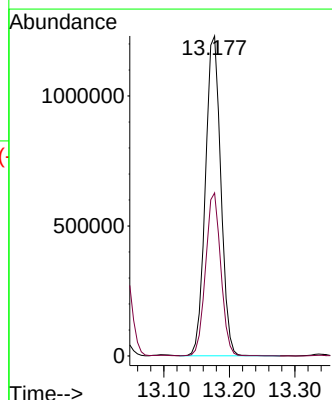
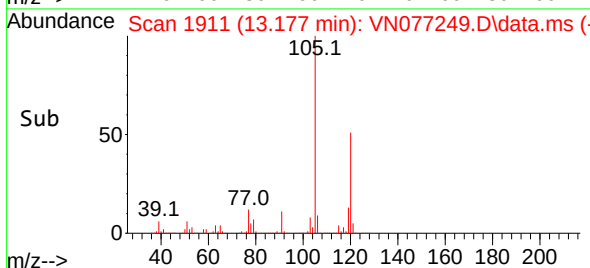
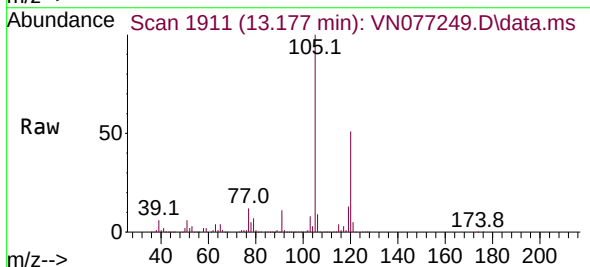
Manual Integrations
APPROVED

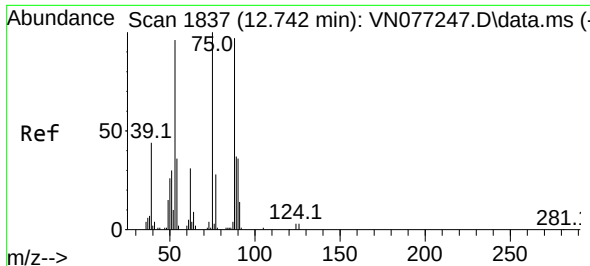
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#80
1,3,5-Trimethylbenzene
Concen: 75.242 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

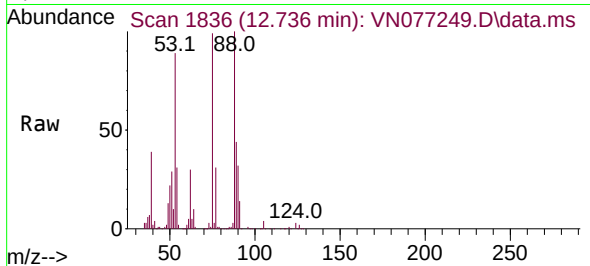
Tgt Ion:105 Resp: 2012058
Ion Ratio Lower Upper
105 100
120 50.4 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 84.254 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

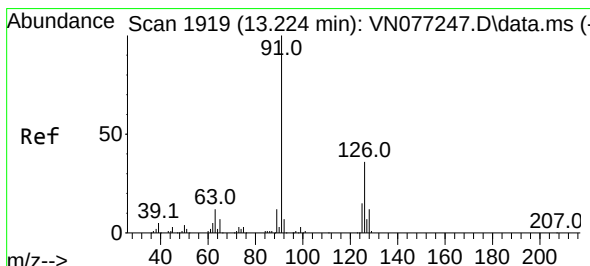
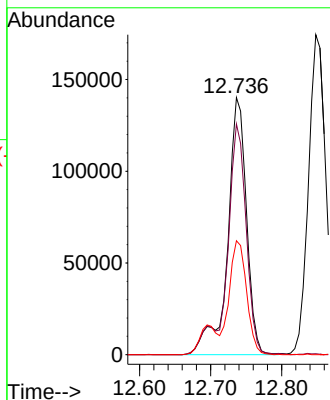
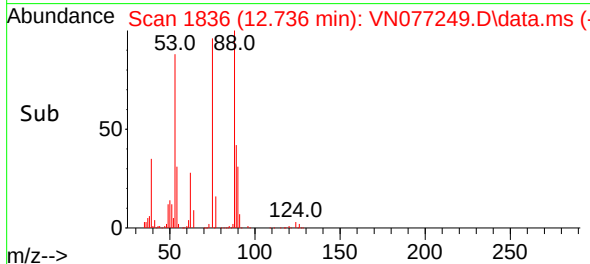
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 75 Resp: 26144
Ion Ratio Lower Upper
75 100
53 81.1 74.1 111.1
89 40.2 36.3 54.5

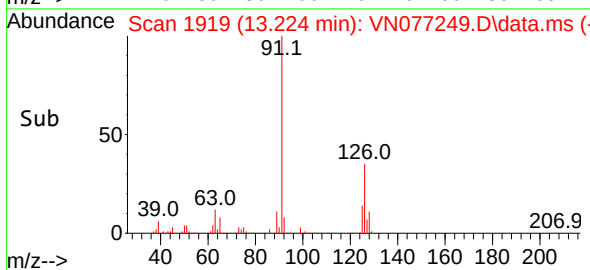
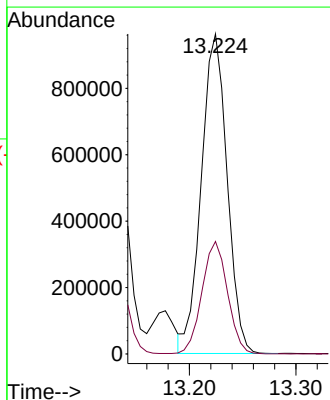
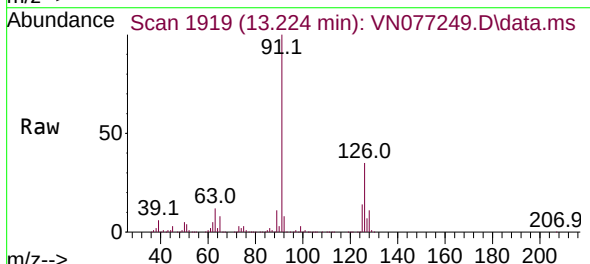
Manual Integrations
APPROVED

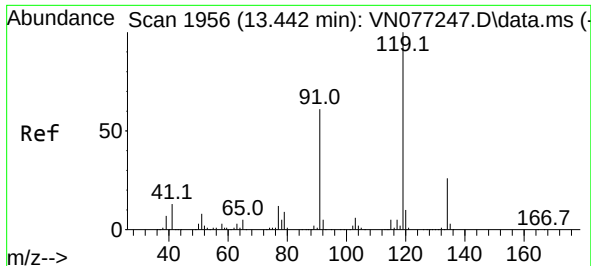
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#82
4-Chlorotoluene
Concen: 72.987 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

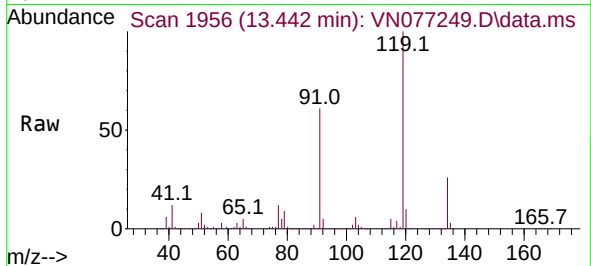
Tgt Ion: 91 Resp: 1618393
Ion Ratio Lower Upper
91 100
126 34.9 17.6 52.8





#83
tert-Butylbenzene
Concen: 74.351 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

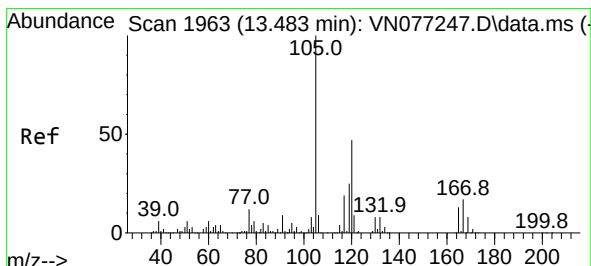
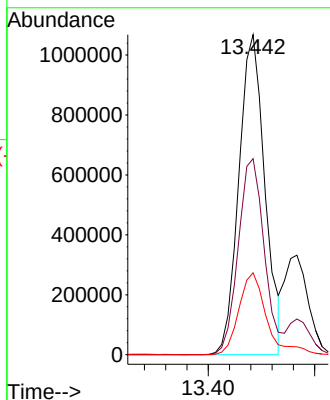
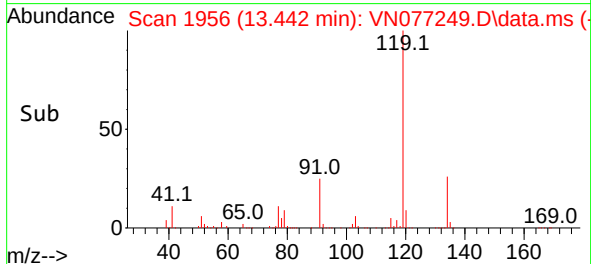
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:119 Resp: 1811460
Ion Ratio Lower Upper
119 100
91 62.2 31.4 94.0
134 27.3 13.7 41.0

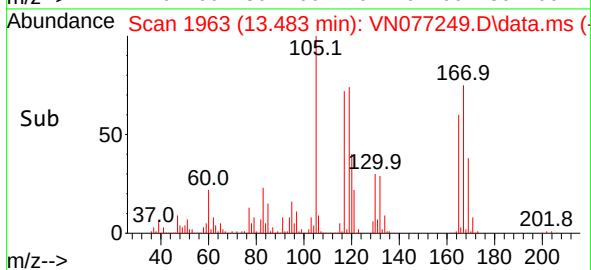
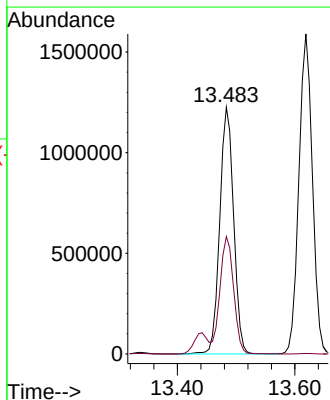
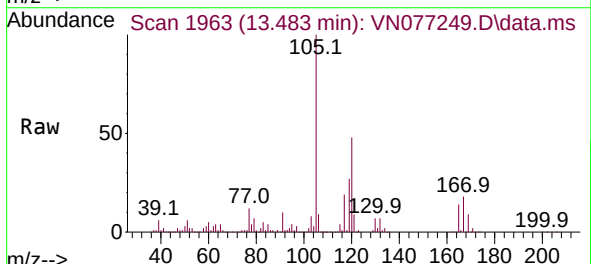
Manual Integrations
APPROVED

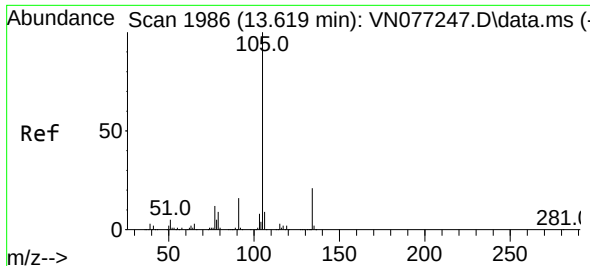
Reviewed By :John Carbone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#84
1,2,4-Trimethylbenzene
Concen: 76.967 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

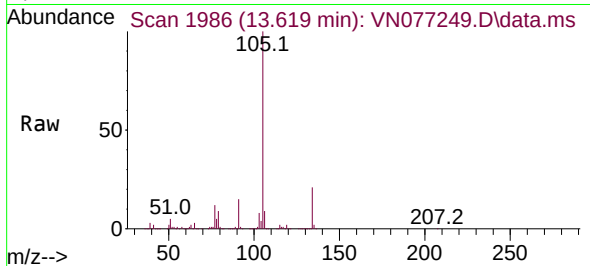
Tgt Ion:105 Resp: 2010005
Ion Ratio Lower Upper
105 100
120 47.3 23.4 70.0





#85
 sec-Butylbenzene
 Concen: 76.997 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077249.D
 Acq: 31 Mar 2023 12:21

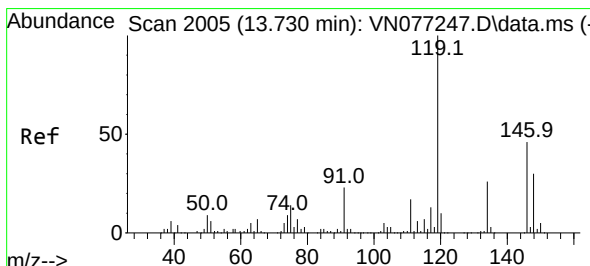
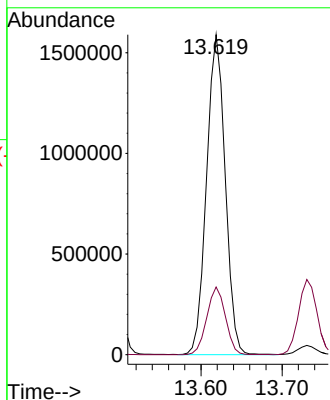
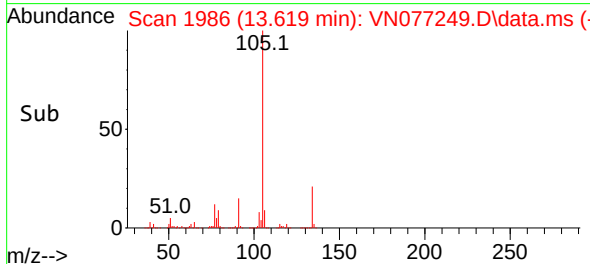
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



Tgt Ion:105 Resp: 2532834
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.2

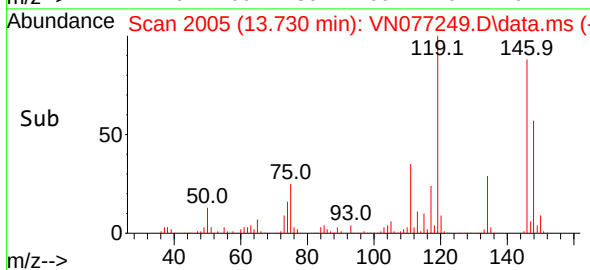
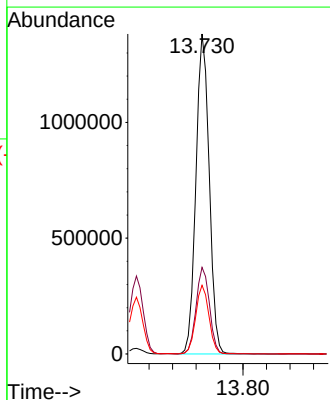
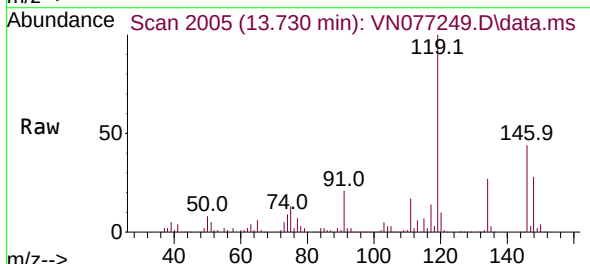
Manual Integrations
 APPROVED

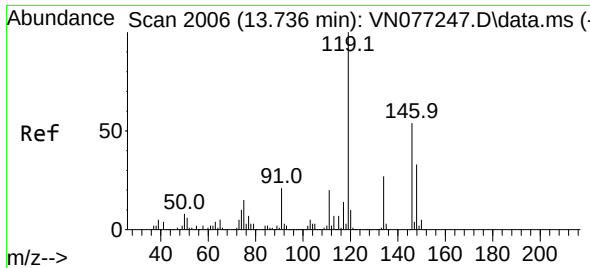
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#86
 p-Isopropyltoluene
 Concen: 80.702 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077249.D
 Acq: 31 Mar 2023 12:21

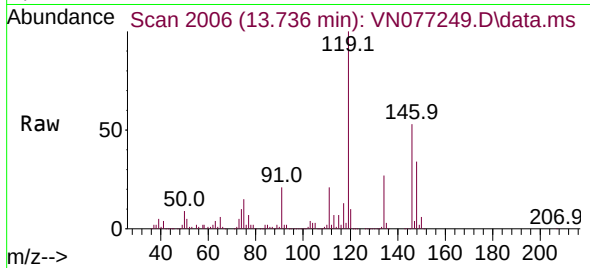
Tgt Ion:119 Resp: 2165210
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.5 40.4
 91 21.4 10.9 32.6





#87
1,3-Dichlorobenzene
Concen: 70.714 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

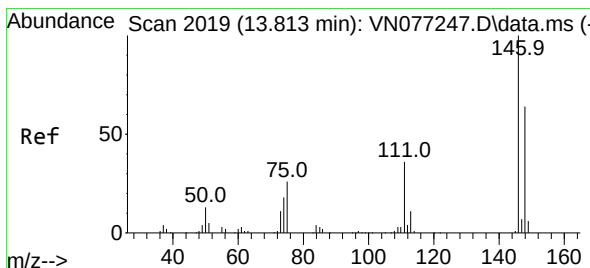
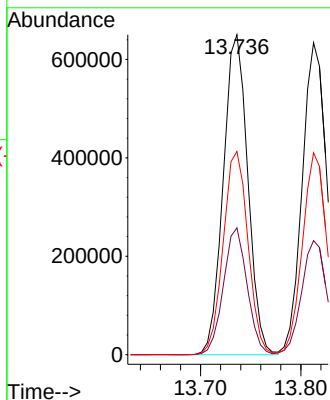
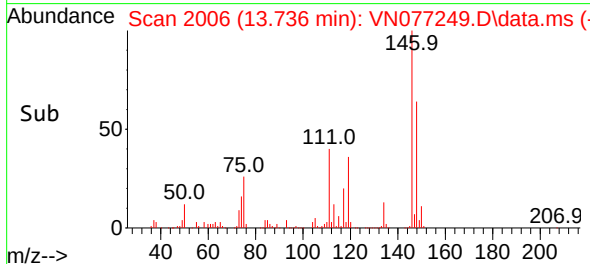
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



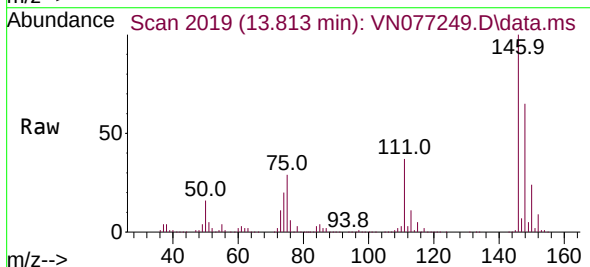
Tgt Ion:146 Resp: 1105280
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.1
148 64.0 31.9 95.9

Manual Integrations
APPROVED

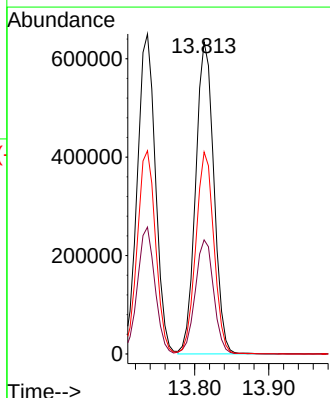
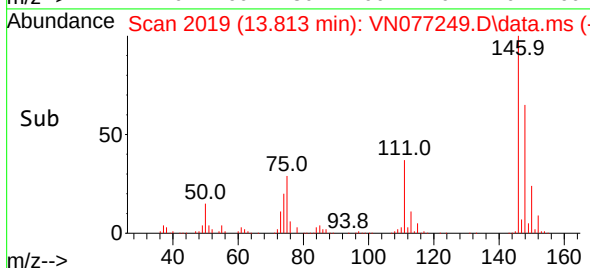
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

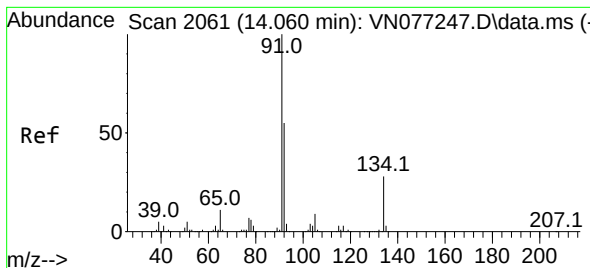


#88
1,4-Dichlorobenzene
Concen: 70.151 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21



Tgt Ion:146 Resp: 1081809
Ion Ratio Lower Upper
146 100
111 37.3 18.6 56.0
148 64.2 31.9 95.5





#89

n-Butylbenzene

Concen: 83.423 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VN077249.D

Acq: 31 Mar 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 91 Resp: 179264

Ion Ratio Lower Upper

91 100

92 53.9 27.0 80.8

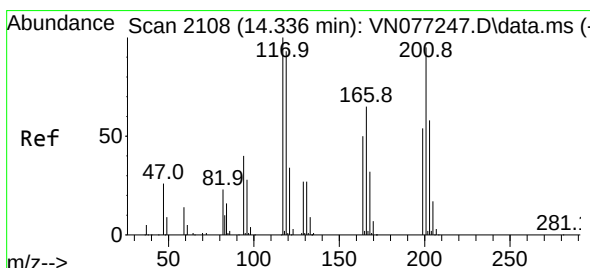
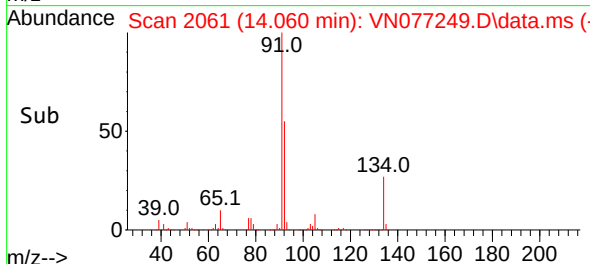
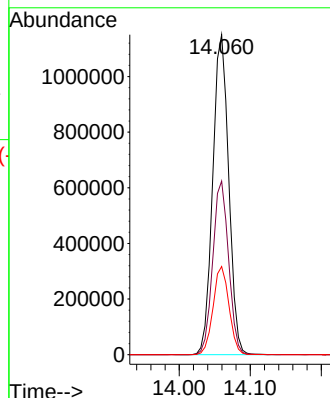
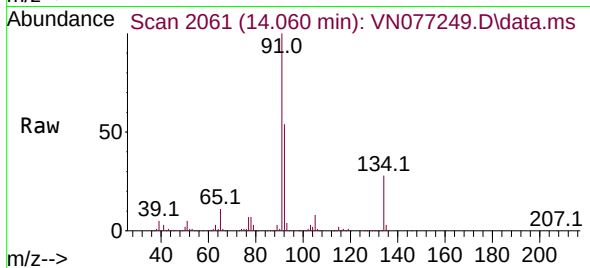
134 27.5 13.6 40.7

Manual Integrations

APPROVED

Reviewed By :John Carbone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#90

Hexachloroethane

Concen: 69.095 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN077249.D

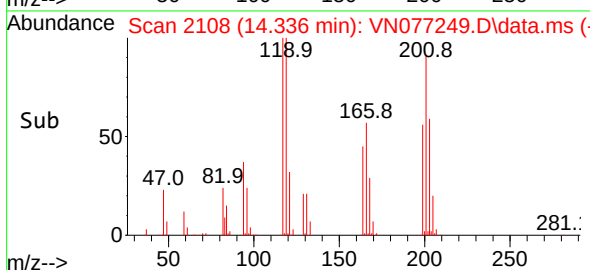
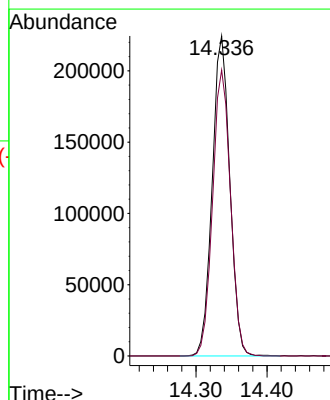
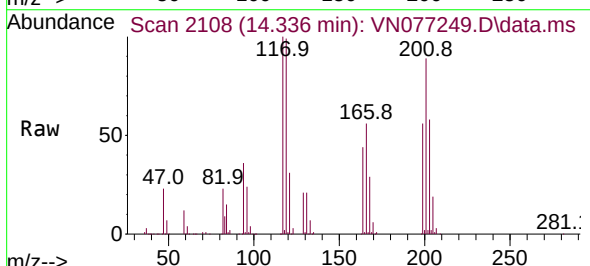
Acq: 31 Mar 2023 12:21

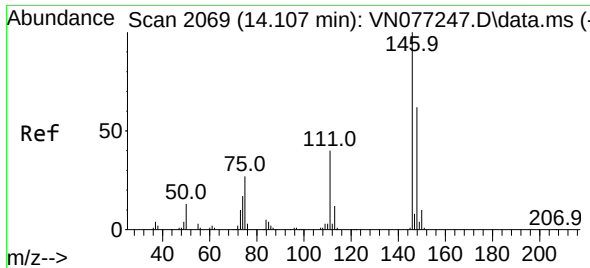
Tgt Ion:117 Resp: 385643

Ion Ratio Lower Upper

117 100

201 90.8 45.1 135.2





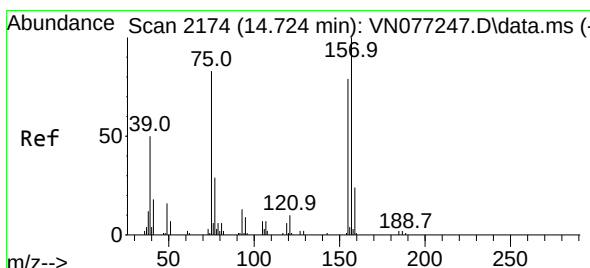
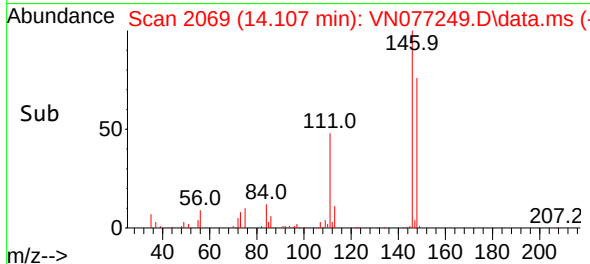
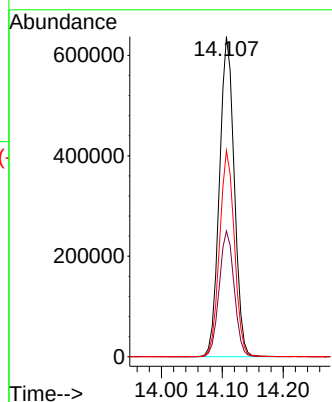
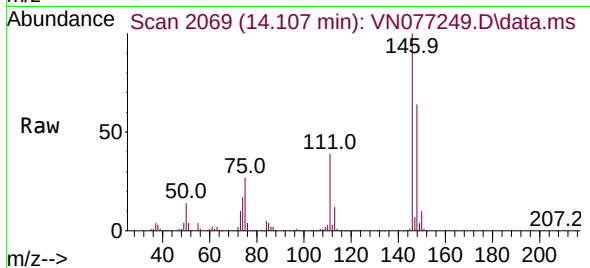
#91
1,2-Dichlorobenzene
Concen: 70.240 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:146 Resp: 1078320
Ion Ratio Lower Upper
146 100
111 39.6 19.6 58.7
148 64.4 31.8 95.4

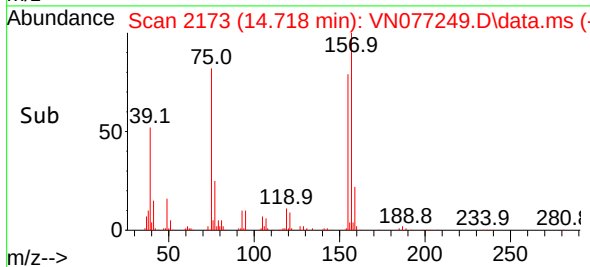
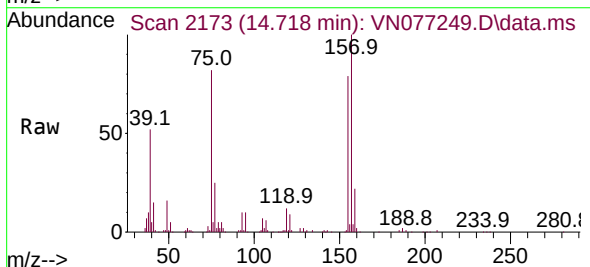
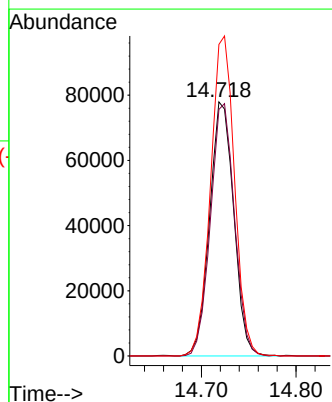
Manual Integrations
APPROVED

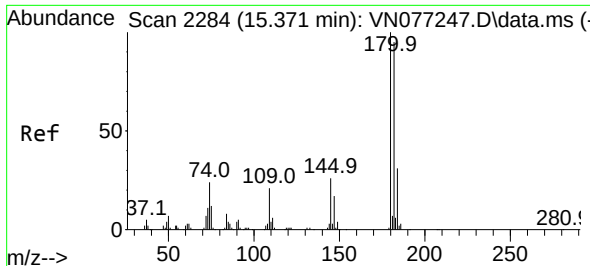
Reviewed By :John Carbone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 71.172 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

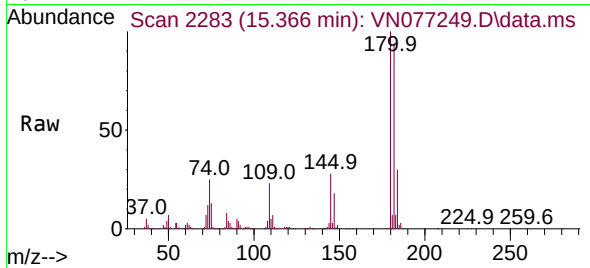
Tgt Ion: 75 Resp: 137564
Ion Ratio Lower Upper
75 100
155 98.7 48.1 144.3
157 125.1 62.2 186.5





#93
1,2,4-Trichlorobenzene
Concen: 104.540 ug/l
RT: 15.366 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

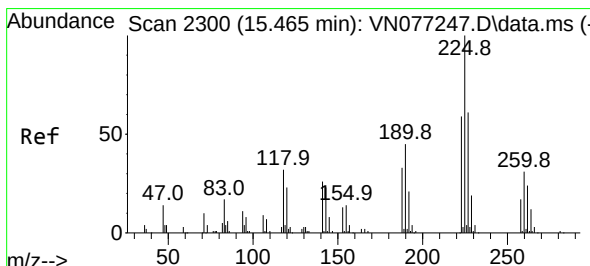
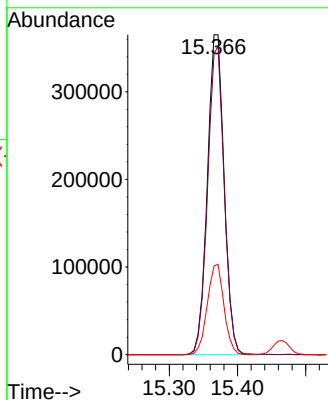
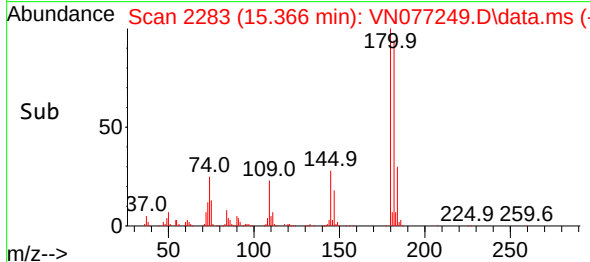
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



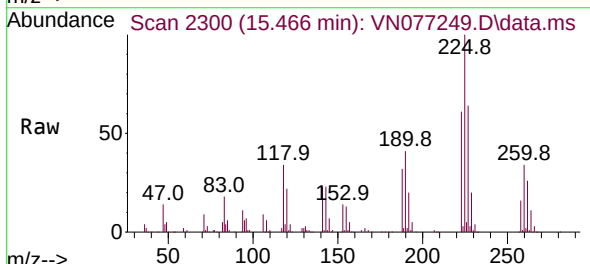
Tgt Ion:180 Resp: 62447
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.8
145 28.1 13.9 41.6

Manual Integrations
APPROVED

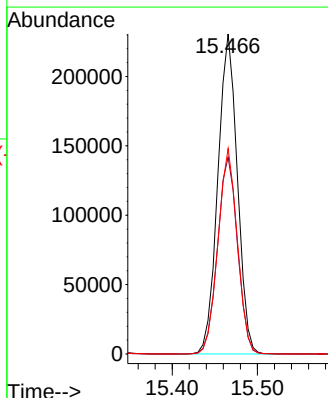
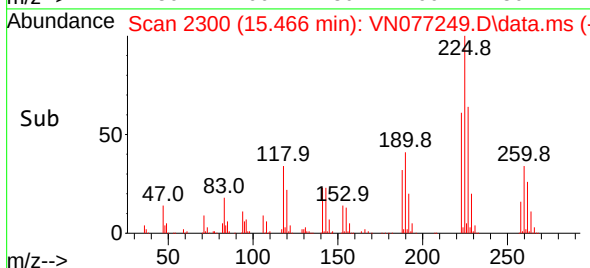
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

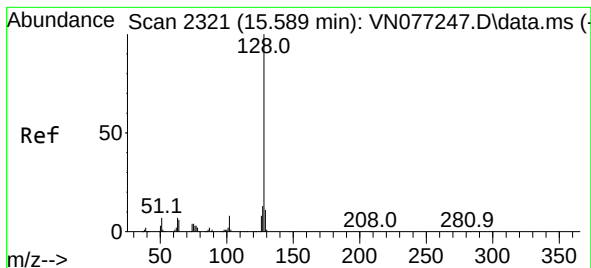


#94
Hexachlorobutadiene
Concen: 71.691 ug/l
RT: 15.466 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21



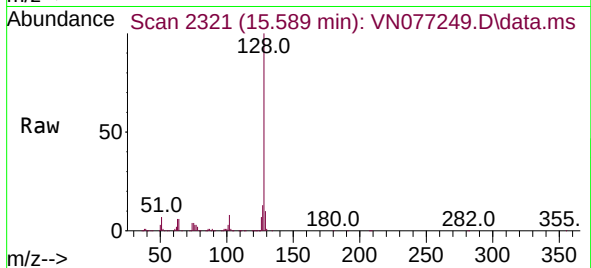
Tgt Ion:225 Resp: 366364
Ion Ratio Lower Upper
225 100
223 62.9 31.1 93.2
227 63.5 32.3 96.8





#95
Naphthalene
Concen: 114.466 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21

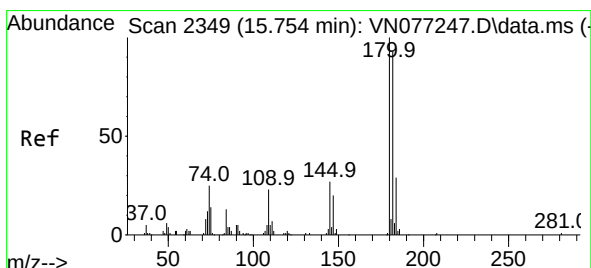
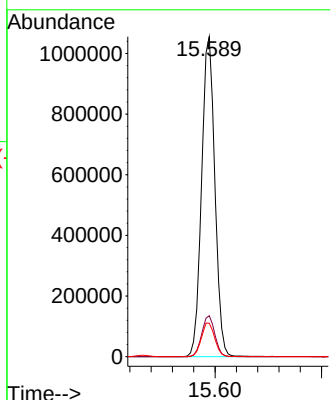
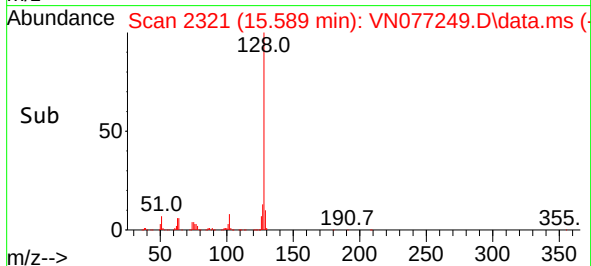
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



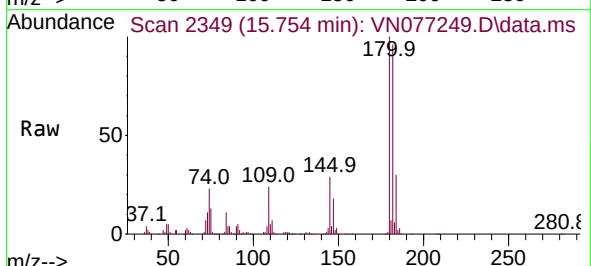
Tgt Ion:128 Resp: 181784
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 102.807 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. 0.000 min
Lab File: VN077249.D
Acq: 31 Mar 2023 12:21



Tgt Ion:180 Resp: 603090
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.8
145 29.1 14.8 44.3

