

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033123\
 Data File : VN077246.D
 Acq On : 31 Mar 2023 11:09
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Mar 31 23:17:49 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	581349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	888380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	779793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	346776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	46461	7.763	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	15.520%#		
35) Dibromofluoromethane	8.172	113	41088	7.863	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	15.720%#		
50) Toluene-d8	10.572	98	153731	7.755	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	15.500%#		
62) 4-Bromofluorobenzene	12.848	95	47848	7.291	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	14.580%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	29238	9.841	ug/l	100
3) Chloromethane	2.372	50	35750	9.325	ug/l	99
4) Vinyl Chloride	2.525	62	40306	9.646	ug/l	97
5) Bromomethane	2.972	94	32410	10.789	ug/l	88
6) Chloroethane	3.137	64	39143	11.204	ug/l	96
7) Trichlorofluoromethane	3.507	101	94963	10.032	ug/l	97
8) Diethyl Ether	3.972	74	36340	9.969	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.390	101	56210	9.946	ug/l	98
10) Methyl Iodide	4.607	142	65393	9.436	ug/l	99
11) Tert butyl alcohol	5.531	59	49171	50.636	ug/l	97
12) 1,1-Dichloroethene	4.354	96	51553	9.865	ug/l	96
13) Acrolein	4.184	56	51016	49.510	ug/l	97
14) Allyl chloride	5.031	41	90190	9.957	ug/l	96
15) Acrylonitrile	5.731	53	160143	50.154	ug/l	99
16) Acetone	4.437	43	153841	51.698	ug/l	100
17) Carbon Disulfide	4.725	76	129296	9.293	ug/l	97
18) Methyl Acetate	5.037	43	106873	9.549	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	171893	9.829	ug/l	99
20) Methylene Chloride	5.296	84	64499	9.683	ug/l	90
21) trans-1,2-Dichloroethene	5.796	96	55558	9.723	ug/l	95
22) Diisopropyl ether	6.684	45	194997	10.179	ug/l	99
23) Vinyl Acetate	6.613	43	562679	48.950	ug/l	99
24) 1,1-Dichloroethane	6.578	63	111896	9.944	ug/l	99
25) 2-Butanone	7.490	43	217876	51.506	ug/l	100
26) 2,2-Dichloropropane	7.501	77	80972	9.726	ug/l	96
27) cis-1,2-Dichloroethene	7.490	96	68002	9.950	ug/l	99
28) Bromochloromethane	7.813	49	53339	10.862	ug/l	96
29) Tetrahydrofuran	7.848	42	139021	52.271	ug/l	98
30) Chloroform	7.972	83	110124	9.935	ug/l	99
31) Cyclohexane	8.260	56	106971	10.133	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	92142	9.854	ug/l	94
36) 1,1-Dichloropropene	8.372	75	78722	9.781	ug/l	99
37) Ethyl Acetate	7.566	43	82374	10.202	ug/l	99
38) Carbon Tetrachloride	8.372	117	80457	9.750	ug/l	97
39) Methylcyclohexane	9.601	83	95547	9.680	ug/l	94
40) Benzene	8.613	78	250640	9.919	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033123\
 Data File : VN077246.D
 Acq On : 31 Mar 2023 11:09
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Mar 31 23:17:49 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	45832	10.139	ug/l	95
42) 1,2-Dichloroethane	8.672	62	84641	10.237	ug/l	100
43) Isopropyl Acetate	8.695	43	125426	9.902	ug/l	100
44) Trichloroethene	9.354	130	64071	9.800	ug/l	92
45) 1,2-Dichloropropane	9.625	63	67404	10.028	ug/l	97
46) Dibromomethane	9.707	93	41067	9.610	ug/l	100
47) Bromodichloromethane	9.889	83	83317	9.902	ug/l	99
48) Methyl methacrylate	9.684	41	61235	10.023	ug/l	99
49) 1,4-Dioxane	9.695	88	23525	202.406	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	406919	50.737	ug/l	99
52) Toluene	10.631	92	152227	9.960	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	76937	9.271	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	92866	9.632	ug/l	99
55) 1,1,2-Trichloroethane	11.013	97	64554	10.211	ug/l	94
56) Ethyl methacrylate	10.878	69	85296	9.746	ug/l	100
57) 1,3-Dichloropropane	11.166	76	107548	10.014	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	138365	45.737	ug/l	99
59) 2-Hexanone	11.195	43	299454	51.450	ug/l	97
60) Dibromochloromethane	11.360	129	64511	9.821	ug/l	97
61) 1,2-Dibromoethane	11.472	107	60665	9.884	ug/l	100
64) Tetrachloroethene	11.107	164	56816	9.951	ug/l	95
65) Chlorobenzene	11.895	112	164793	10.010	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	63142	10.008	ug/l	99
67) Ethyl Benzene	11.966	91	274320	9.883	ug/l	99
68) m/p-Xylenes	12.072	106	215514	19.963	ug/l	99
69) o-Xylene	12.401	106	103024	9.896	ug/l	100
70) Styrene	12.413	104	166289	10.033	ug/l	99
71) Bromoform	12.577	173	48766	9.847	ug/l #	99
73) Isopropylbenzene	12.701	105	265687	10.274	ug/l	100
74) N-amyl acetate	12.495	43	95405	10.007	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	90897	10.107	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	77710m	10.638	ug/l	
77) Bromobenzene	12.983	156	68635	9.912	ug/l	98
78) n-propylbenzene	13.036	91	290366	10.182	ug/l	99
79) 2-Chlorotoluene	13.124	91	186115	10.146	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	216502	10.416	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.736	75	25806	10.699	ug/l	95
82) 4-Chlorotoluene	13.224	91	175061	10.157	ug/l	100
83) tert-Butylbenzene	13.442	119	195738	10.336	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	206658	10.180	ug/l	98
85) sec-Butylbenzene	13.619	105	260826	10.201	ug/l	100
86) p-Isopropyltoluene	13.730	119	210799	10.108	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	120461	9.915	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	118222	9.862	ug/l	98
89) n-Butylbenzene	14.060	91	158023	9.461	ug/l	98
90) Hexachloroethane	14.330	117	41979	9.676	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	119174	9.987	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	15197	10.115	ug/l	94
93) 1,2,4-Trichlorobenzene	15.371	180	38121	8.210	ug/l	97
94) Hexachlorobutadiene	15.465	225	38309	9.644	ug/l	98
95) Naphthalene	15.589	128	98921	8.013	ug/l	100
96) 1,2,3-Trichlorobenzene	15.754	180	39578	8.680	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033123\
Data File : VN077246.D
Acq On : 31 Mar 2023 11:09
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

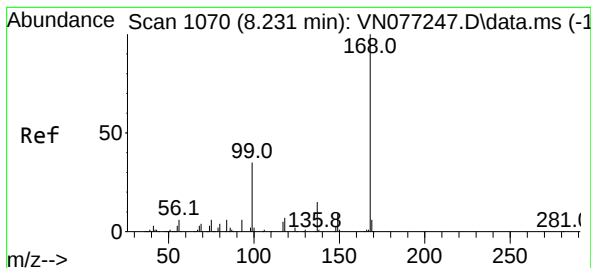
Manual Integrations
APPROVED

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

Quant Time: Mar 31 23:17:49 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

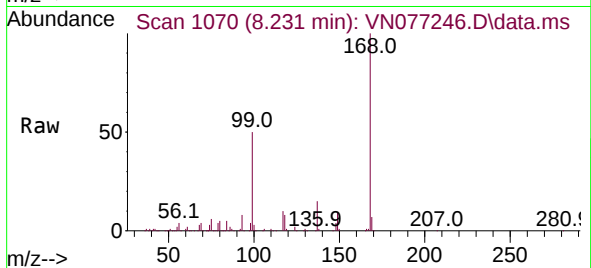
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. 0.001 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

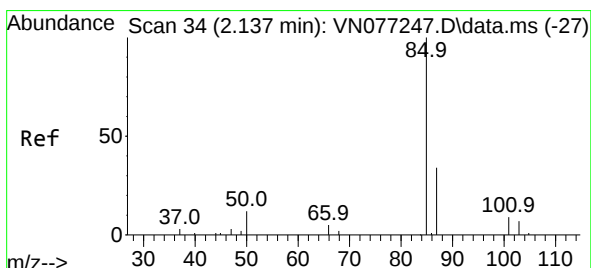
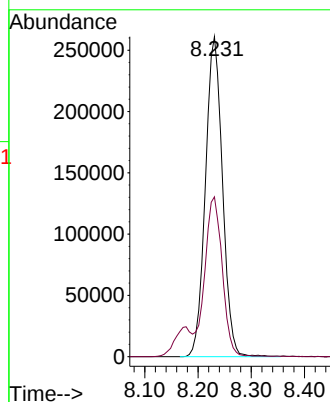
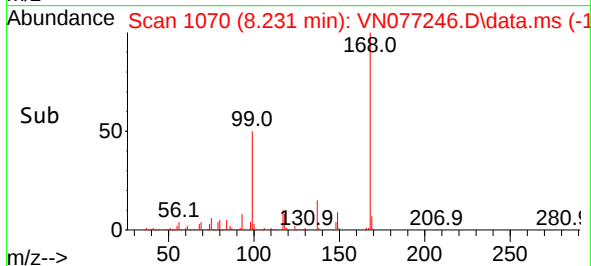
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:168 Resp: 581349
Ion Ratio Lower Upper
168 100
99 49.9 41.8 62.8

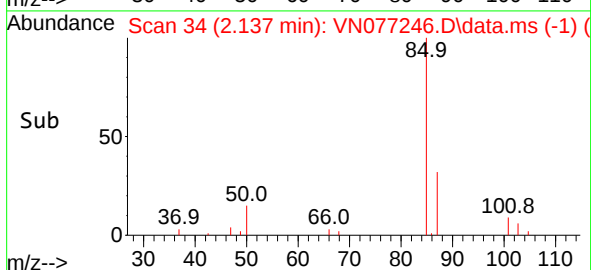
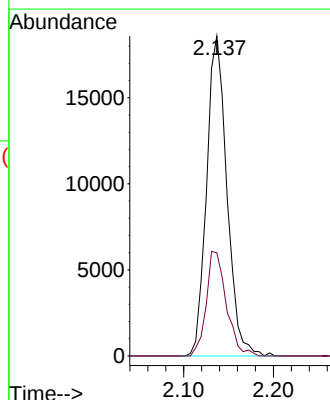
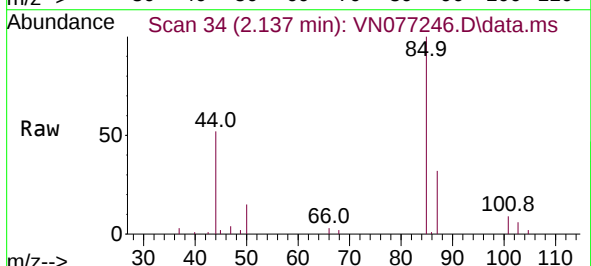
Manual Integrations
APPROVED

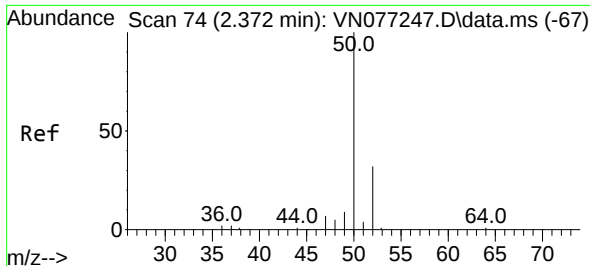
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#2
Dichlorodifluoromethane
Concen: 9.841 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Tgt Ion: 85 Resp: 29238
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.8





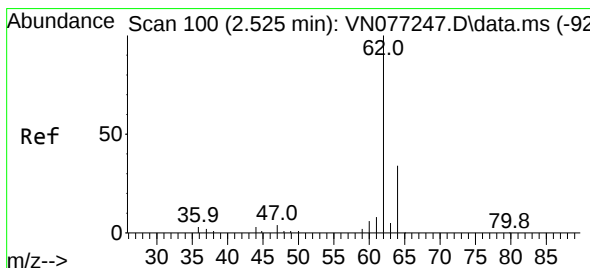
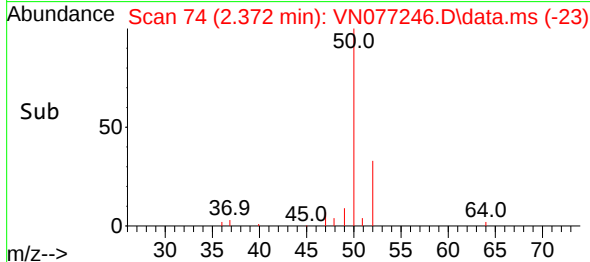
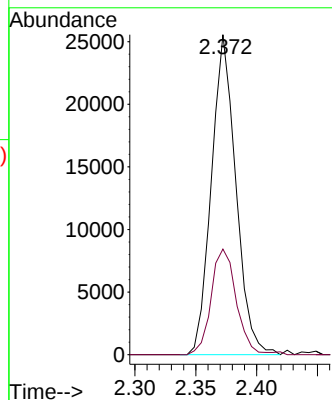
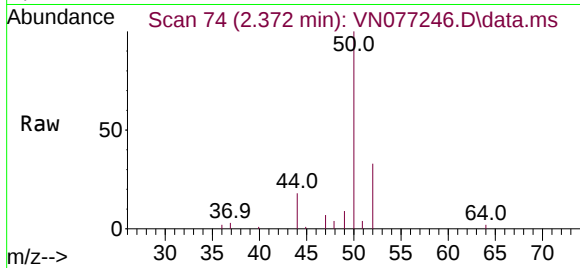
#3
Chloromethane
Concen: 9.325 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 50 Resp: 35750
Ion Ratio Lower Upper
50 100
52 33.0 26.9 40.3

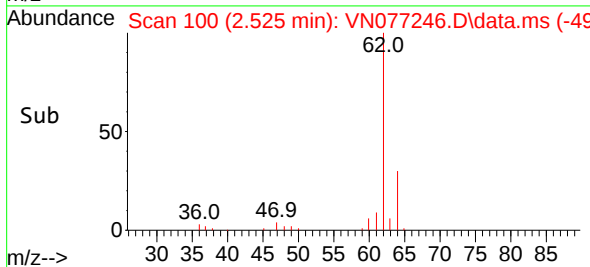
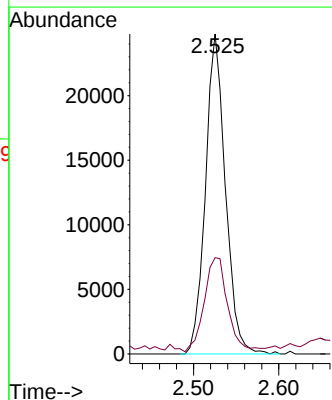
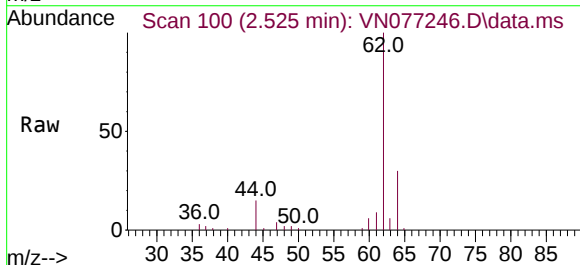
Manual Integrations
APPROVED

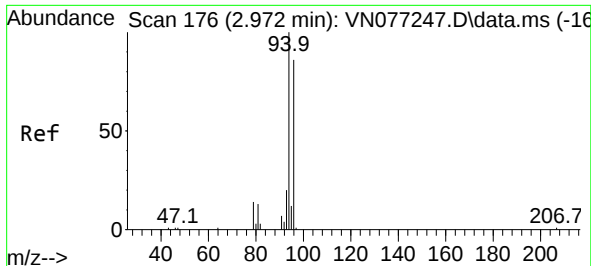
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#4
Vinyl Chloride
Concen: 9.646 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Tgt Ion: 62 Resp: 40306
Ion Ratio Lower Upper
62 100
64 28.4 23.9 35.9





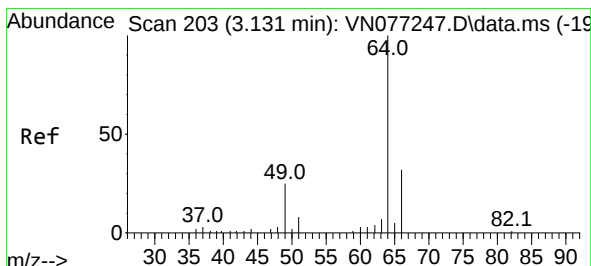
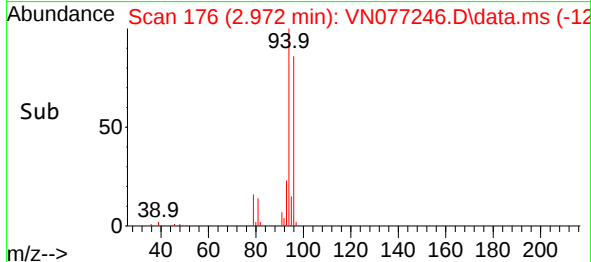
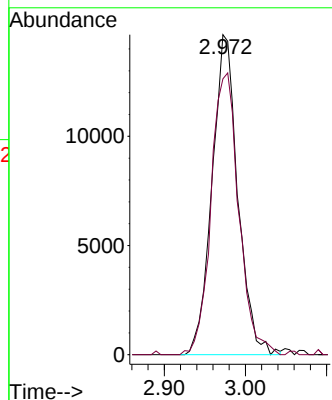
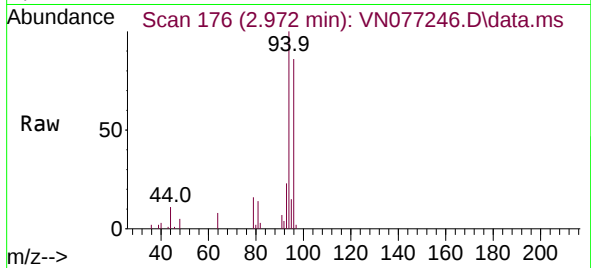
#5
Bromomethane
Concen: 10.789 ug/l
RT: 2.972 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 94 Resp: 32410
Ion Ratio Lower Upper
94 100
96 86.2 78.1 117.1

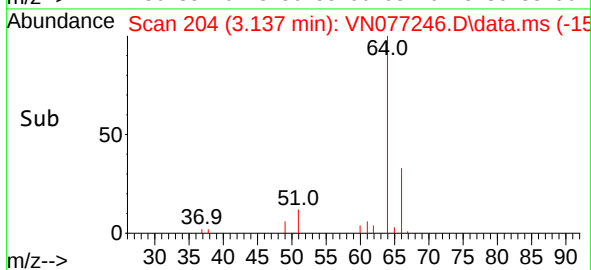
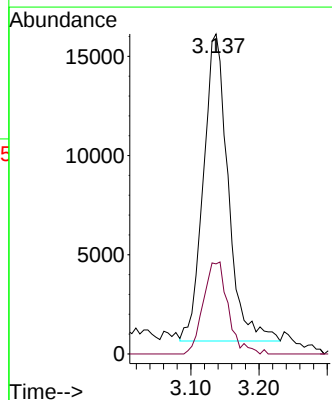
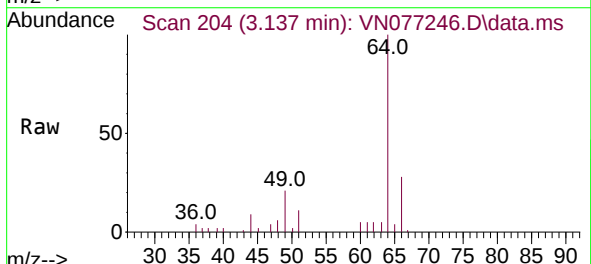
Manual Integrations
APPROVED

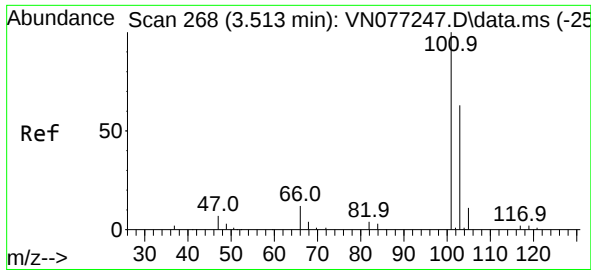
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#6
Chloroethane
Concen: 11.204 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.012 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Tgt Ion: 64 Resp: 39143
Ion Ratio Lower Upper
64 100
66 29.4 25.0 37.6





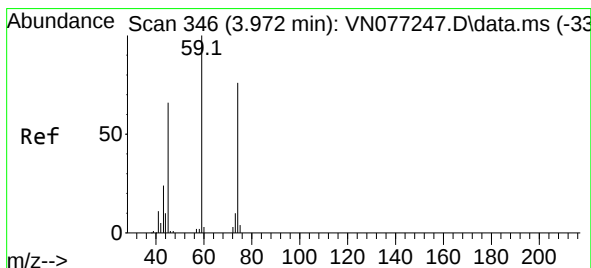
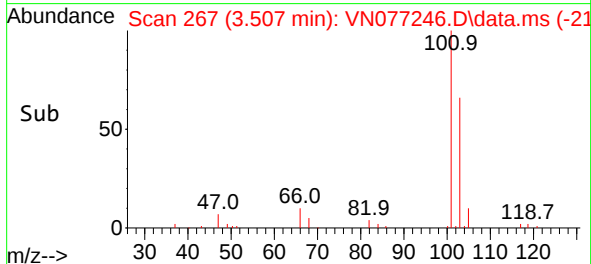
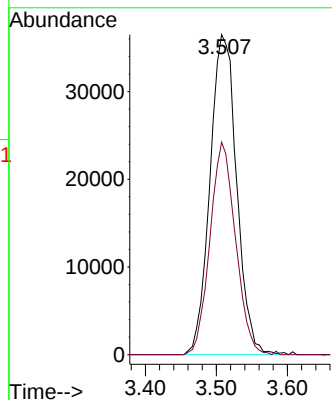
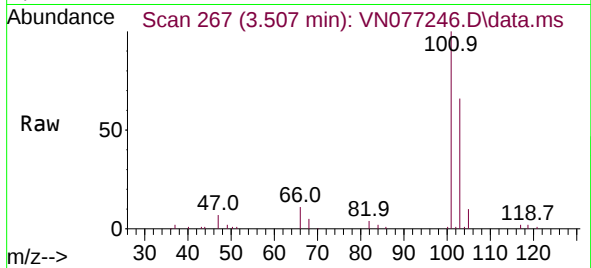
#7
Trichlorofluoromethane
Concen: 10.032 ug/l
RT: 3.507 min Scan# 267
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 9496
Ion Ratio Lower Upper
101 100
103 66.4 51.4 77.2

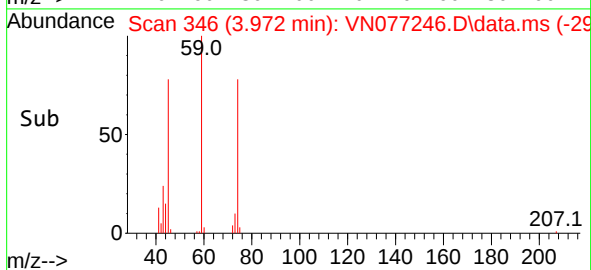
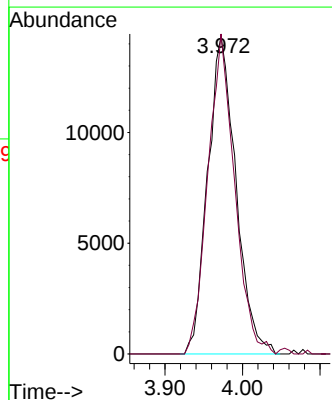
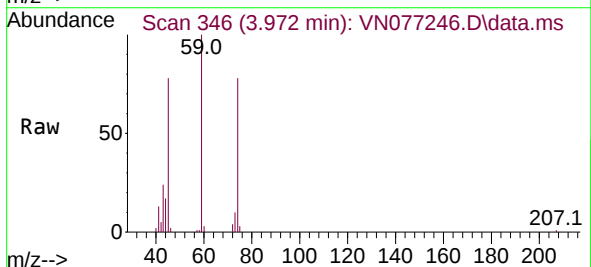
Manual Integrations
APPROVED

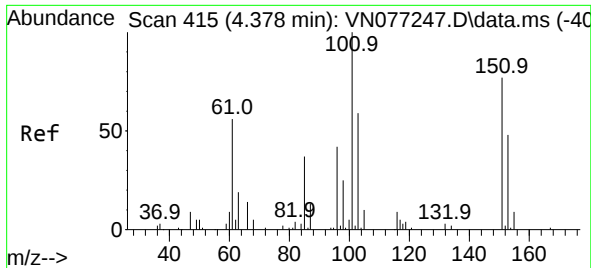
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#8
Diethyl Ether
Concen: 9.969 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Tgt Ion: 74 Resp: 36340
Ion Ratio Lower Upper
74 100
45 95.3 47.8 143.3





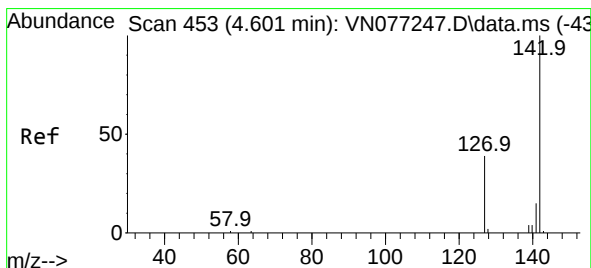
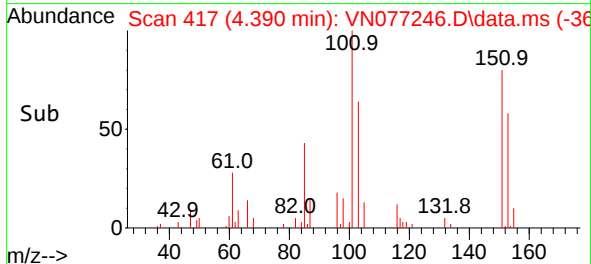
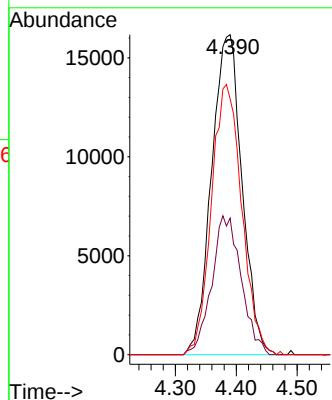
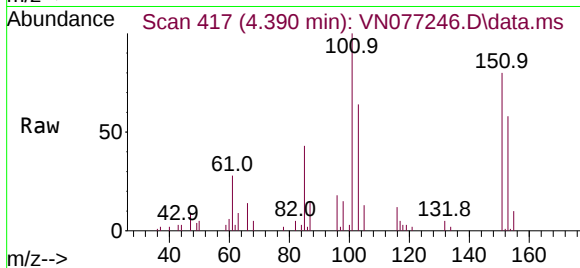
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.946 ug/l
RT: 4.390 min Scan# 415
Delta R.T. 0.012 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 56210
Ion Ratio Lower Upper
101 100
85 42.1 33.5 50.3
151 84.1 65.3 97.9

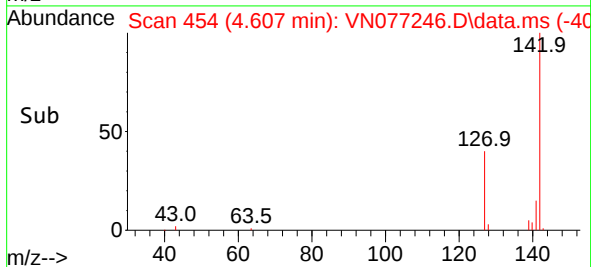
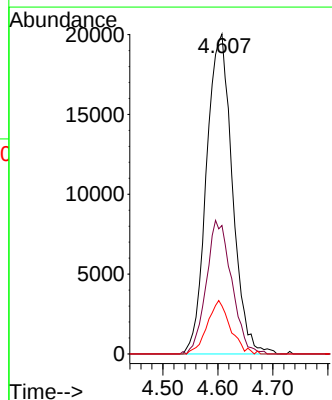
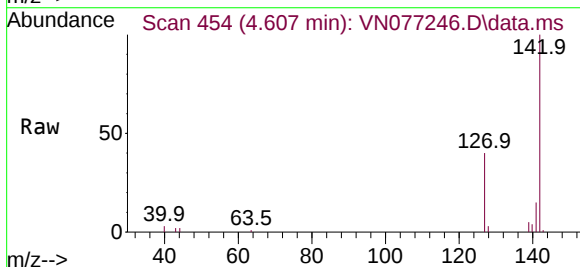
Manual Integrations
APPROVED

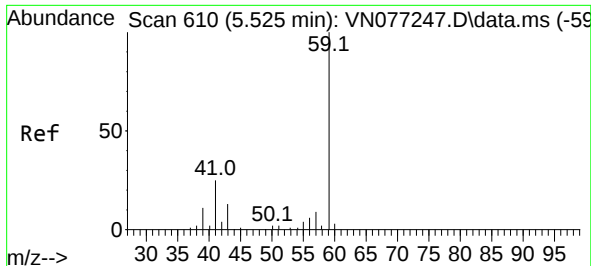
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#10
Methyl Iodide
Concen: 9.436 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.012 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Tgt Ion:142 Resp: 65393
Ion Ratio Lower Upper
142 100
127 40.1 31.8 47.8
141 15.0 11.2 16.8





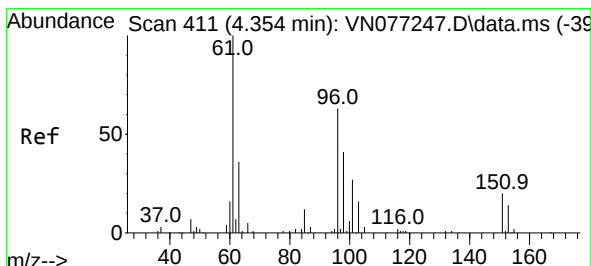
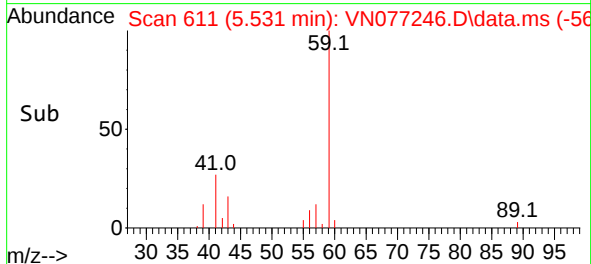
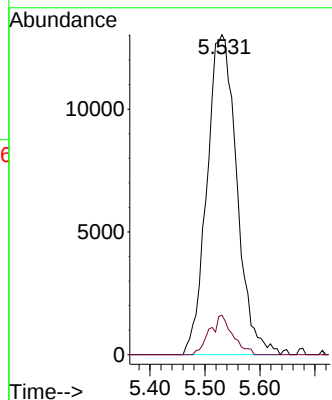
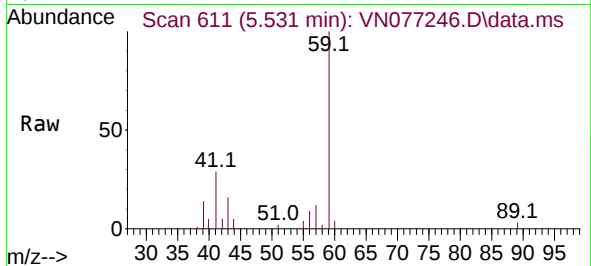
#11
Tert butyl alcohol
Concen: 50.636 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 4917
Ion Ratio Lower Upper
59 100
57 9.5 8.5 12.7

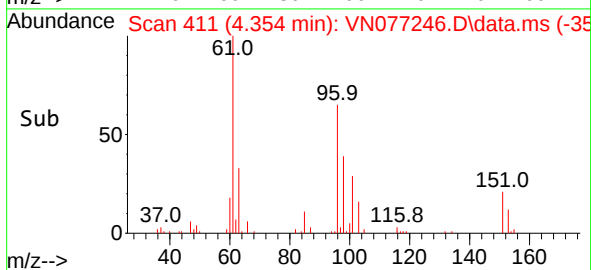
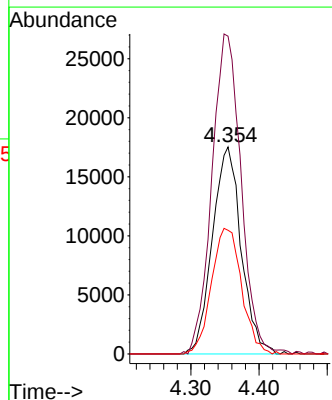
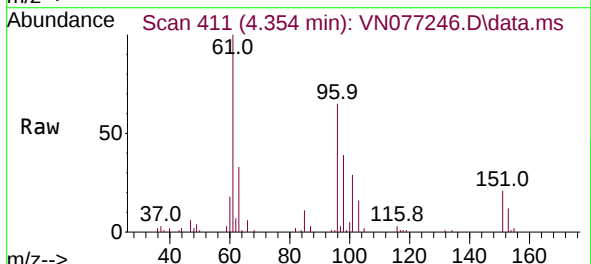
Manual Integrations
APPROVED

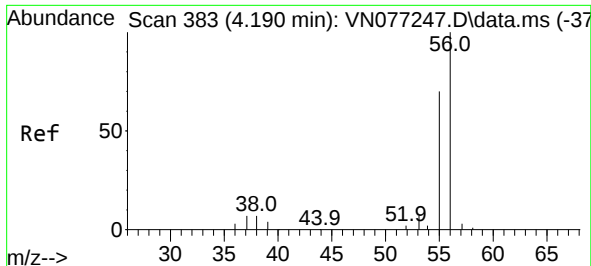
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#12
1,1-Dichloroethene
Concen: 9.865 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Tgt Ion: 96 Resp: 51553
Ion Ratio Lower Upper
96 100
61 153.5 126.4 189.6
98 59.8 50.8 76.2





#13

Acrolein

Concen: 49.510 ug/l

RT: 4.184 min Scan# 382

Delta R.T. 0.000 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 51010

Ion Ratio Lower Upper

56 100

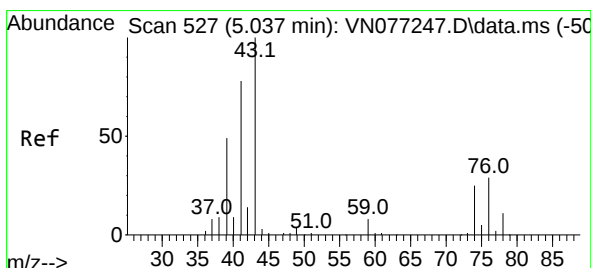
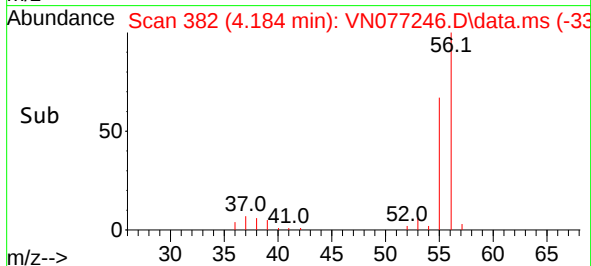
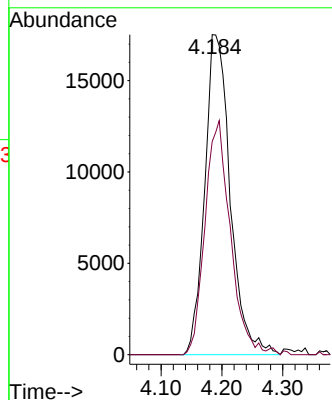
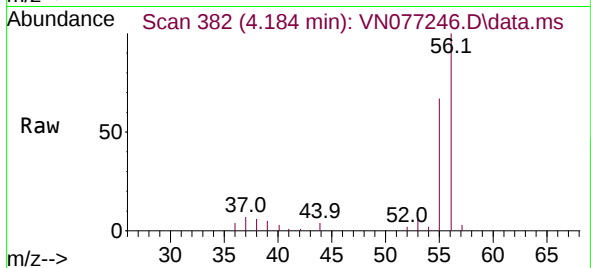
55 72.4 56.0 84.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#14

Allyl chloride

Concen: 9.957 ug/l

RT: 5.031 min Scan# 526

Delta R.T. 0.000 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

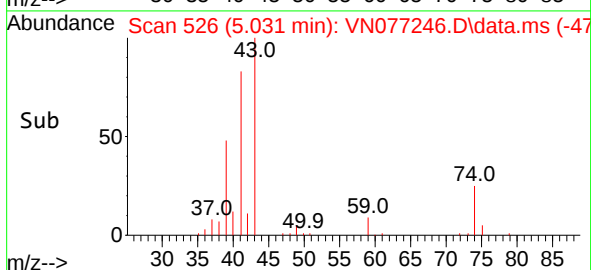
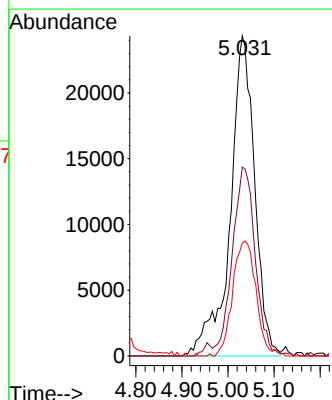
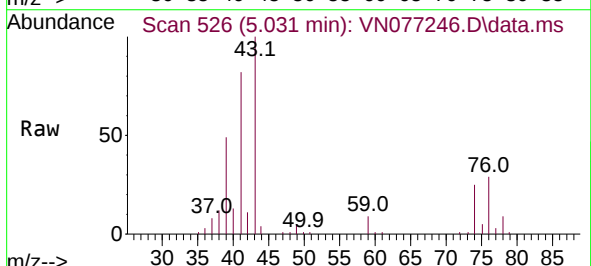
Tgt Ion: 41 Resp: 90190

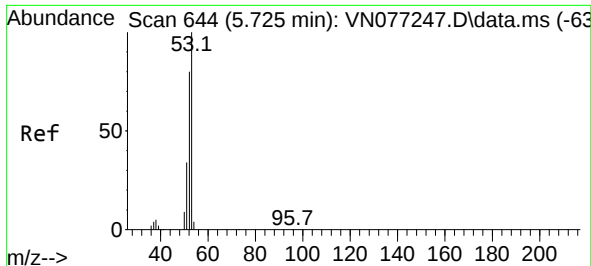
Ion Ratio Lower Upper

41 100

39 53.8 46.8 70.2

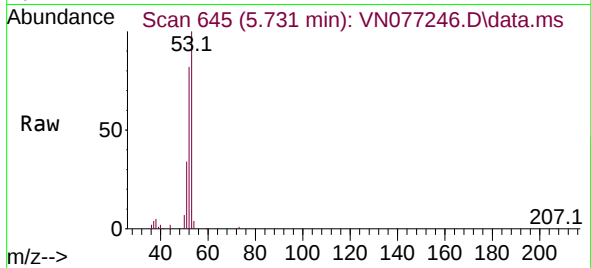
76 34.1 27.3 40.9





#15
Acrylonitrile
Concen: 50.154 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

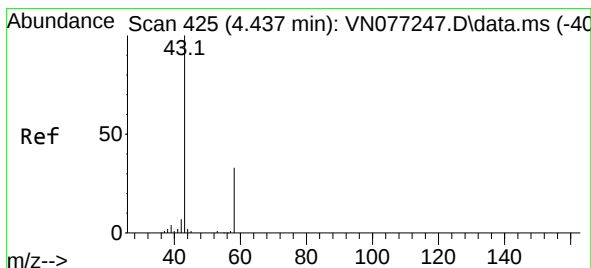
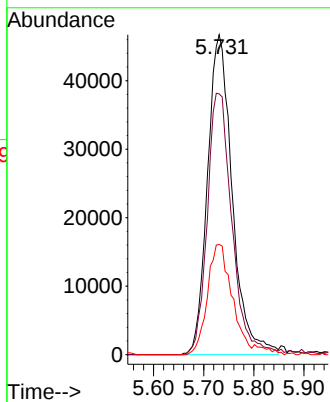
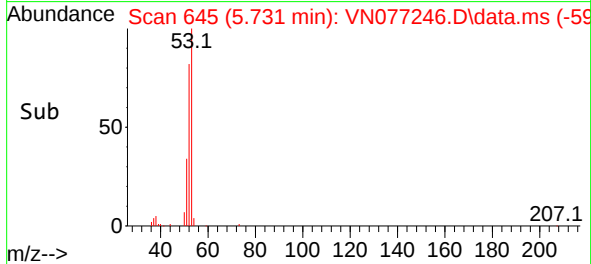
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 16014
Ion Ratio Lower Upper
53 100
52 81.8 65.8 98.6
51 34.0 28.2 42.2

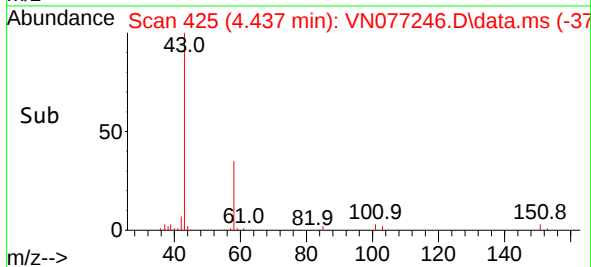
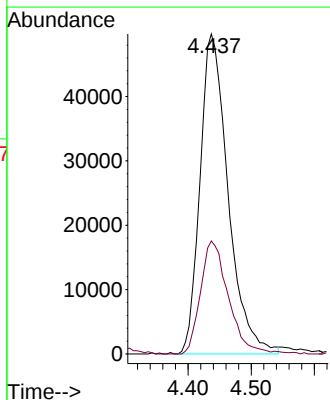
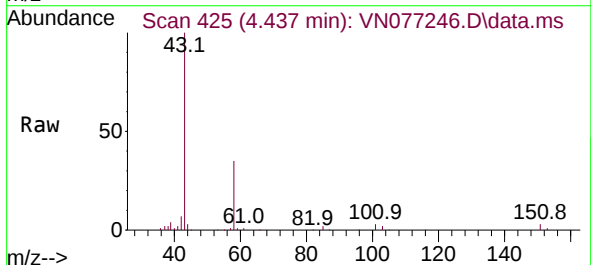
Manual Integrations
APPROVED

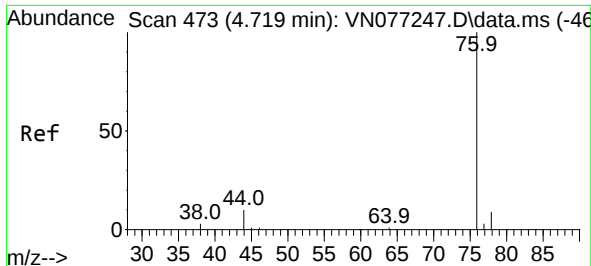
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#16
Acetone
Concen: 51.698 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

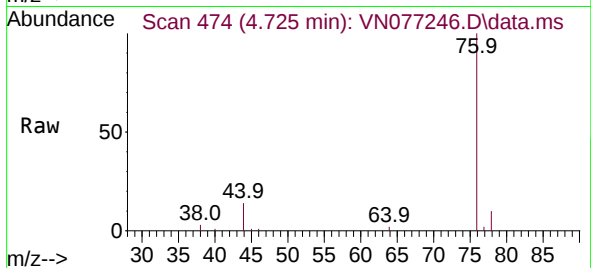
Tgt Ion: 43 Resp: 153841
Ion Ratio Lower Upper
43 100
58 35.3 28.2 42.4





#17
Carbon Disulfide
Concen: 9.293 ug/l
RT: 4.725 min Scan# 473
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

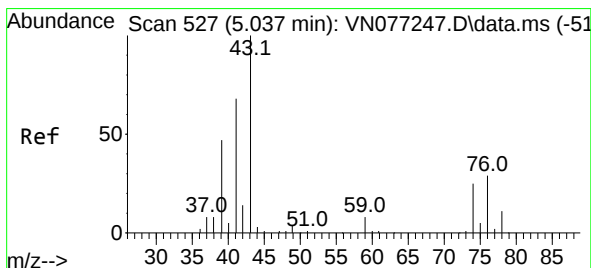
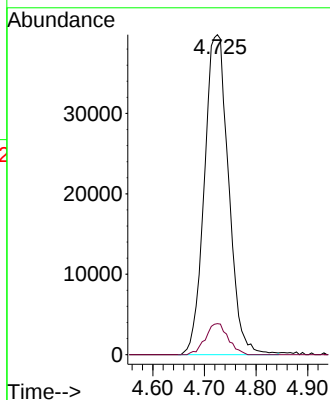
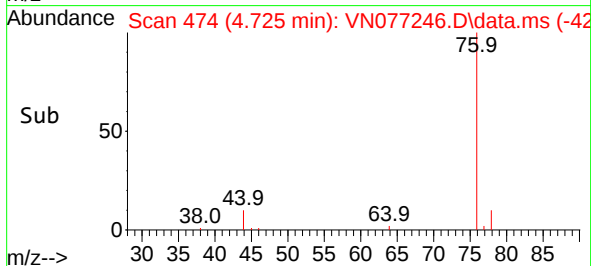
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 76 Resp: 129290
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2

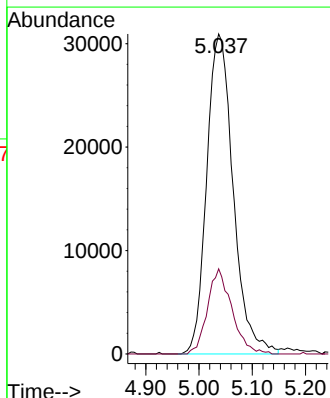
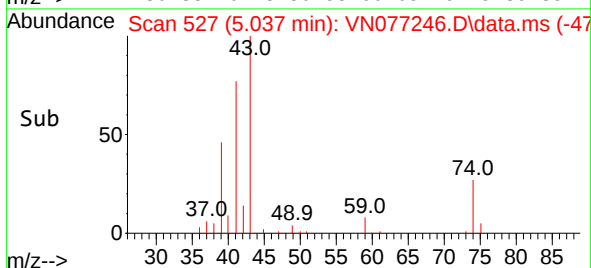
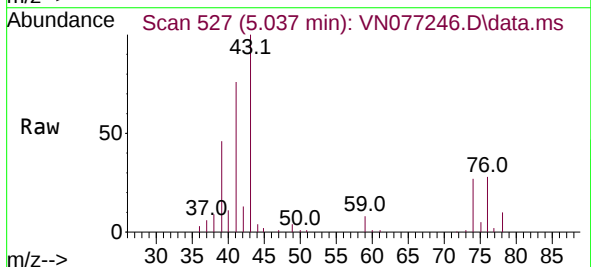
Manual Integrations
APPROVED

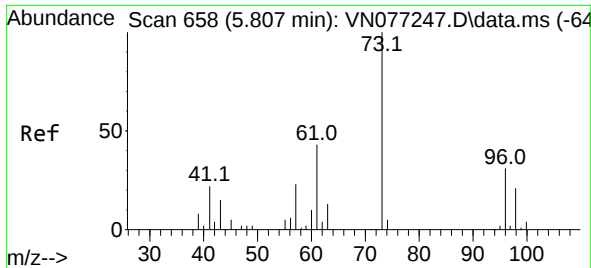
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#18
Methyl Acetate
Concen: 9.549 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Tgt Ion: 43 Resp: 106873
Ion Ratio Lower Upper
43 100
74 24.5 19.6 29.4





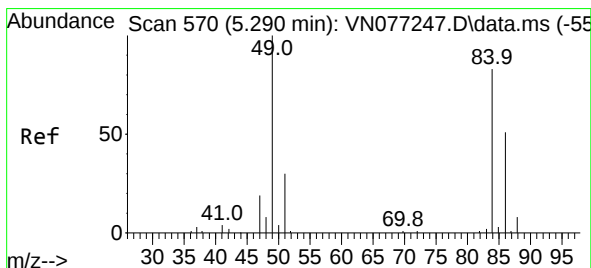
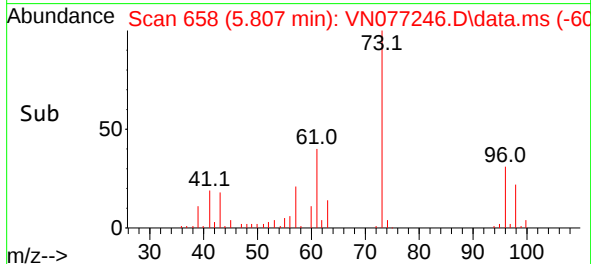
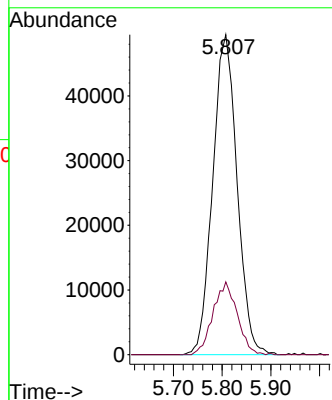
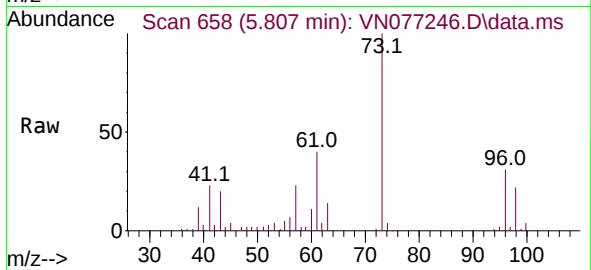
#19
Methyl tert-butyl Ether
Concen: 9.829 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 17189
Ion Ratio Lower Upper
73 100
57 22.8 18.7 28.1

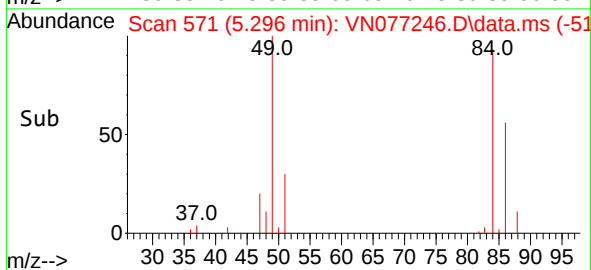
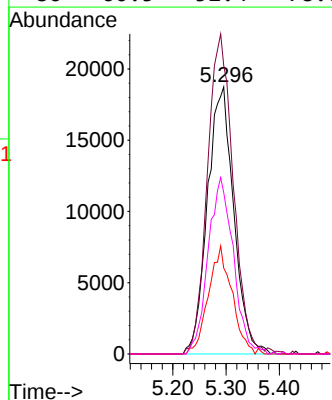
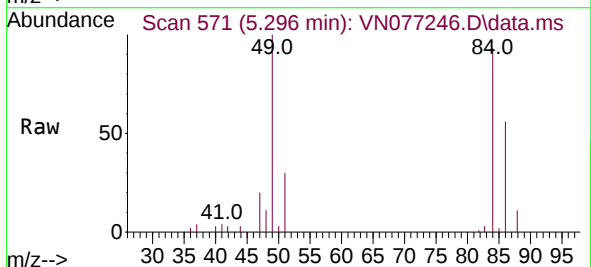
Manual Integrations
APPROVED

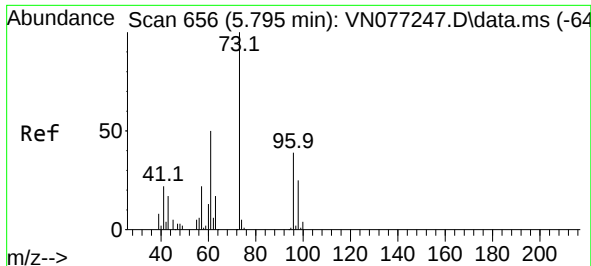
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#20
Methylene Chloride
Concen: 9.683 ug/l
RT: 5.296 min Scan# 571
Delta R.T. 0.012 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

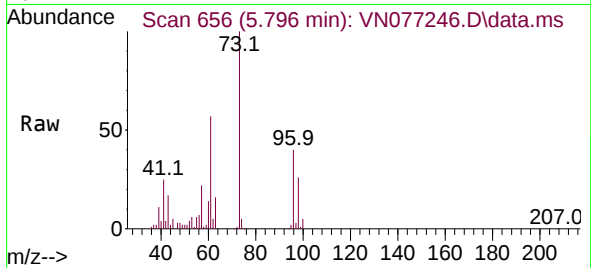
Tgt Ion: 84 Resp: 64499
Ion Ratio Lower Upper
84 100
49 108.1 97.8 146.8
51 32.2 29.8 44.8
86 60.5 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 9.723 ug/l
RT: 5.796 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

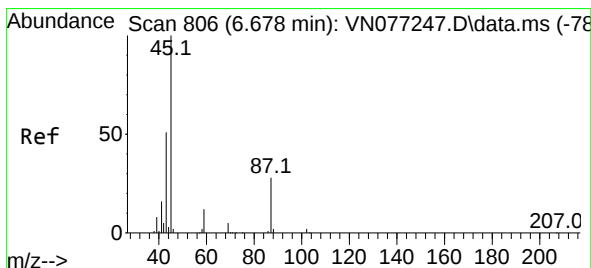
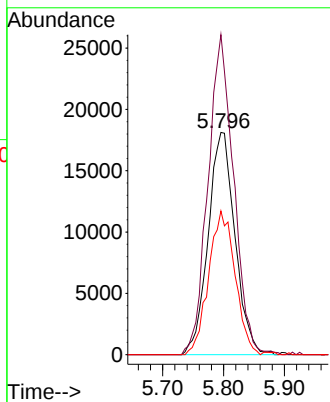
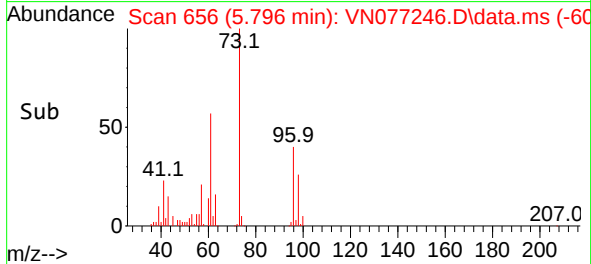
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 96 Resp: 55558
Ion Ratio Lower Upper
96 100
61 144.0 109.7 164.5
98 64.6 50.4 75.6

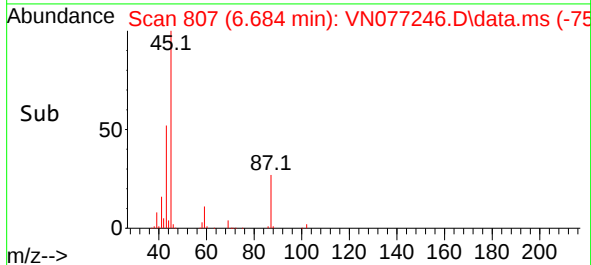
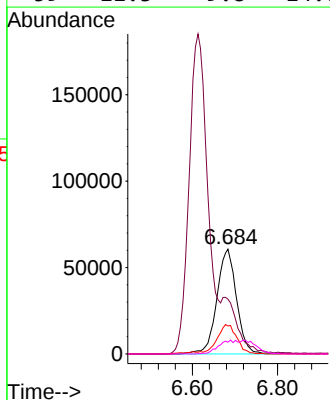
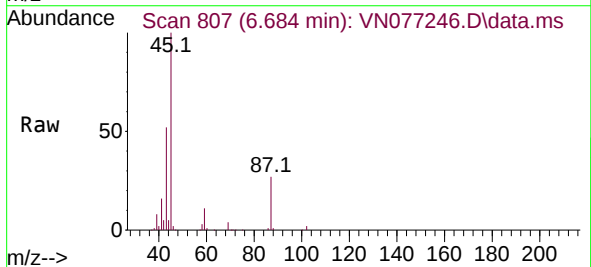
Manual Integrations
APPROVED

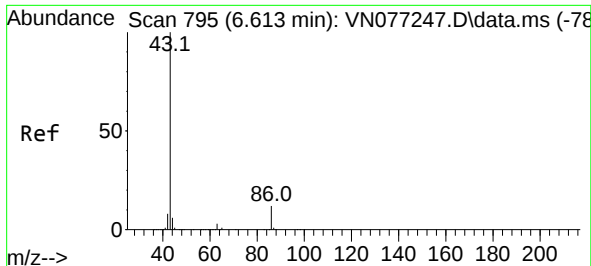
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#22
Diisopropyl ether
Concen: 10.179 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

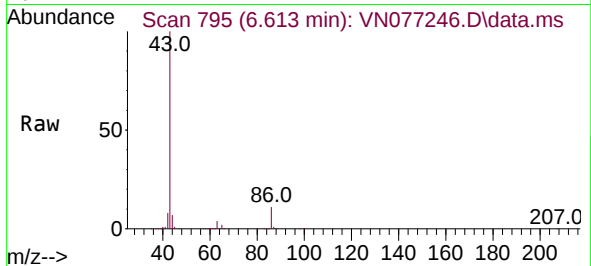
Tgt Ion: 45 Resp: 194997
Ion Ratio Lower Upper
45 100
43 50.5 39.6 59.4
87 26.8 21.0 31.4
59 11.3 9.8 14.6





#23
 Vinyl Acetate
 Concen: 48.950 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN077246.D
 Acq: 31 Mar 2023 11:09

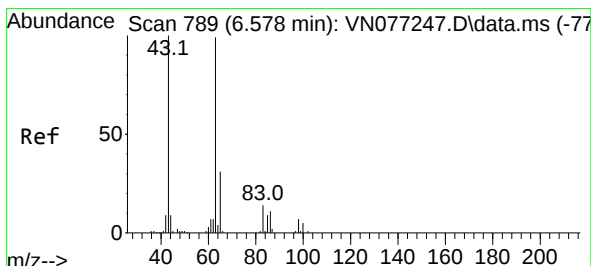
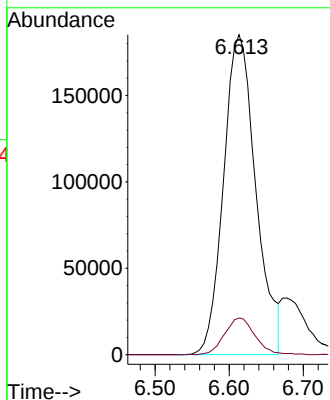
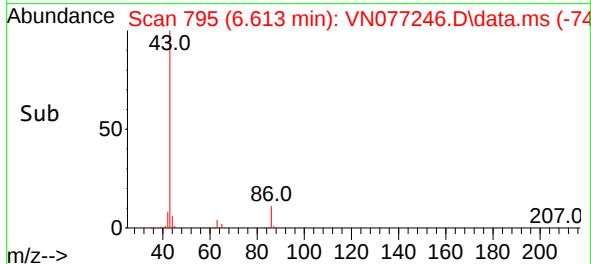
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC010



Tgt Ion: 43 Resp: 562679
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.0 13.4

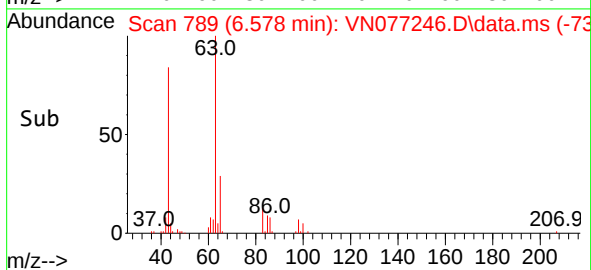
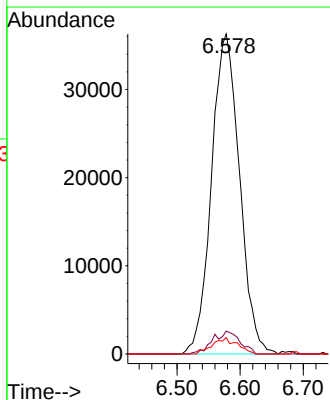
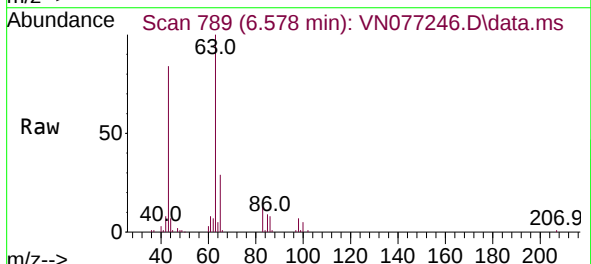
Manual Integrations
 APPROVED

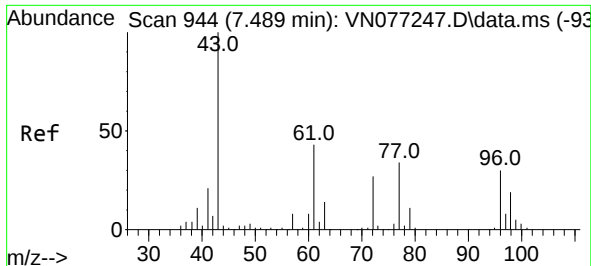
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#24
 1,1-Dichloroethane
 Concen: 9.944 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN077246.D
 Acq: 31 Mar 2023 11:09

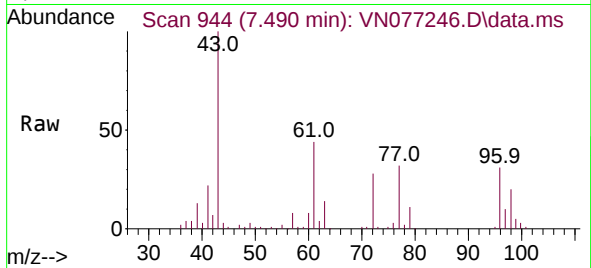
Tgt Ion: 63 Resp: 111896
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.5
 100 5.1 2.4 7.1





#25
2-Butanone
Concen: 51.506 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

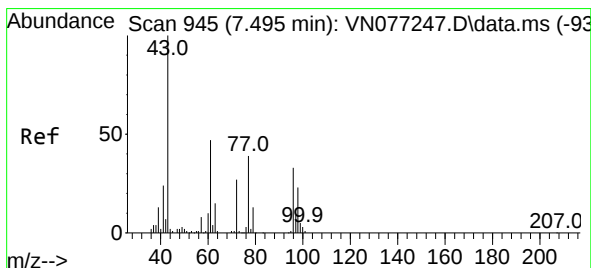
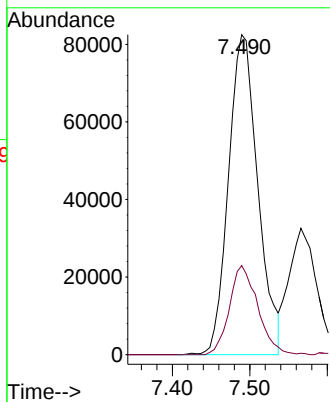
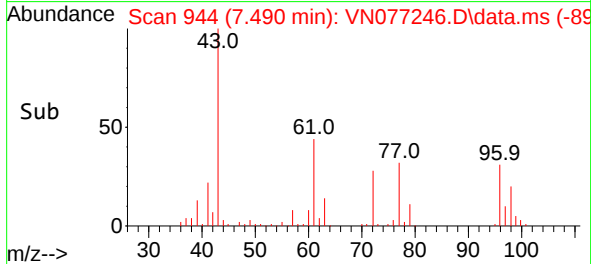
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 217870
Ion Ratio Lower Upper
43 100
72 27.8 22.2 33.2

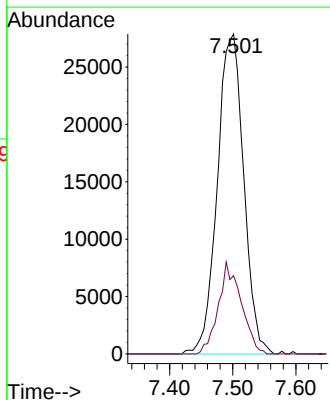
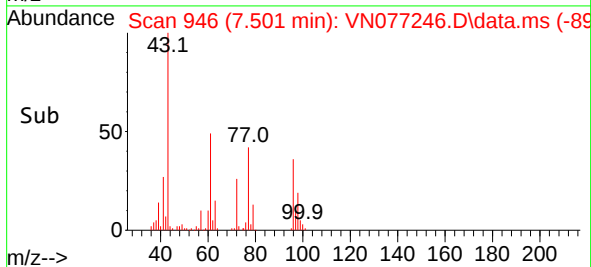
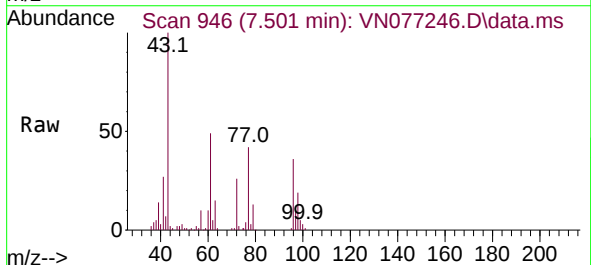
Manual Integrations
APPROVED

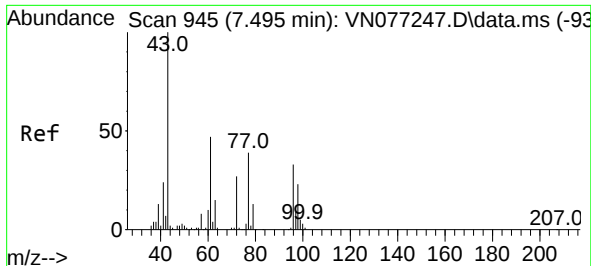
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#26
2,2-Dichloropropane
Concen: 9.726 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Tgt Ion: 77 Resp: 80972
Ion Ratio Lower Upper
77 100
97 24.9 11.6 34.7





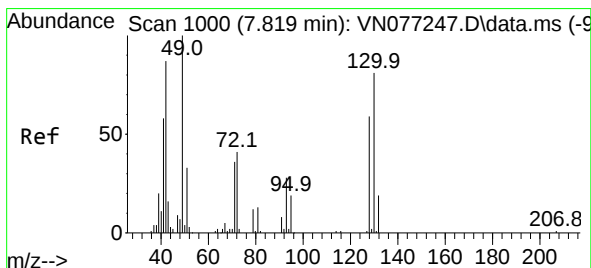
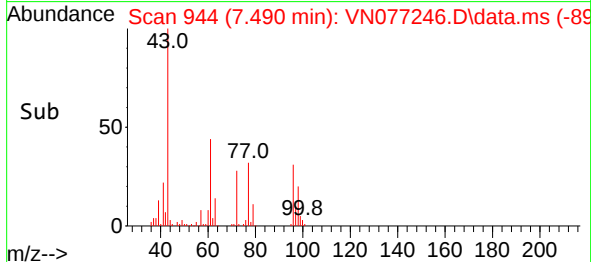
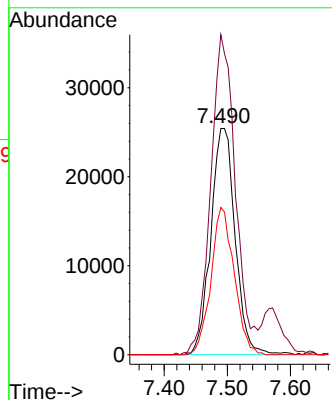
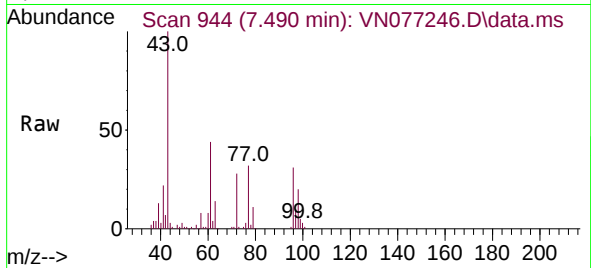
#27
 cis-1,2-Dichloroethene
 Concen: 9.950 ug/l
 RT: 7.490 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077246.D
 Acq: 31 Mar 2023 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 6800
 Ion Ratio Lower Upper
 96 100
 61 144.1 0.0 286.0
 98 62.2 0.0 127.8

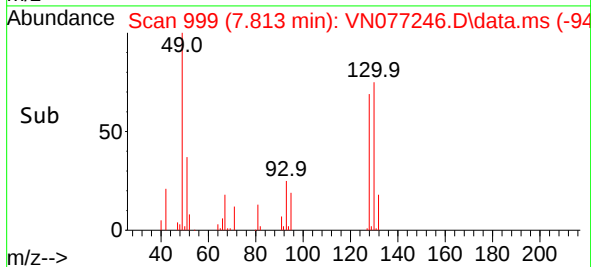
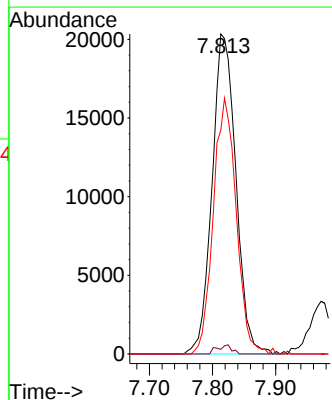
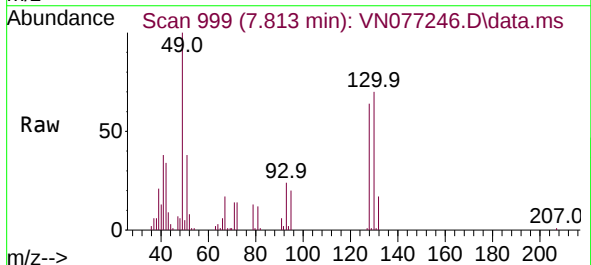
Manual Integrations
 APPROVED

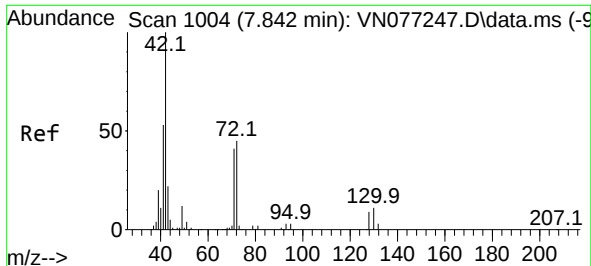
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#28
 Bromochloromethane
 Concen: 10.862 ug/l
 RT: 7.813 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: VN077246.D
 Acq: 31 Mar 2023 11:09

Tgt Ion: 49 Resp: 53339
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 76.7 63.9 95.9





#29

Tetrahydrofuran

Concen: 52.271 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

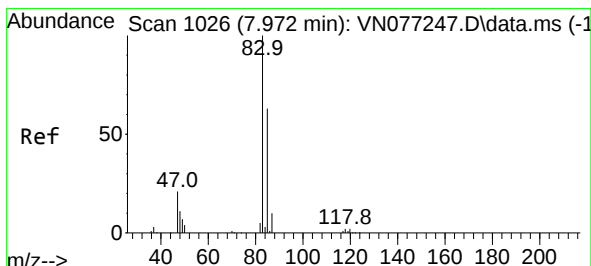
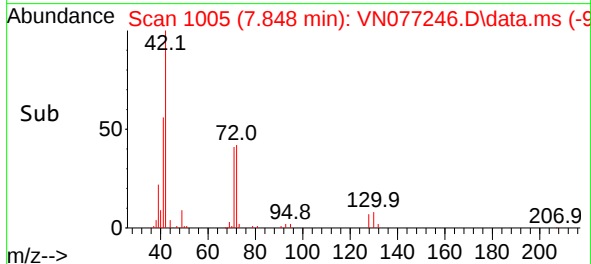
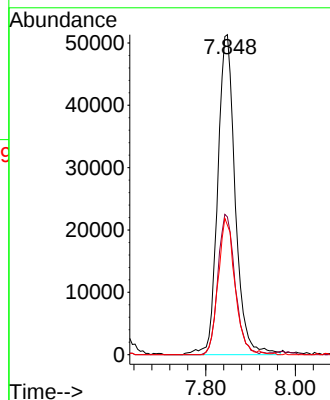
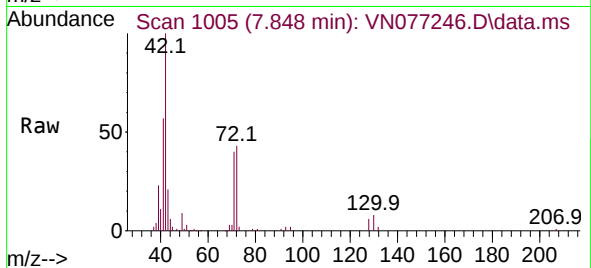
Tgt Ion:	42	Resp:	13902
Ion Ratio	Lower	Upper	
42	100		
72	42.9	35.6	53.4
71	40.7	33.2	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#30

Chloroform

Concen: 9.935 ug/l

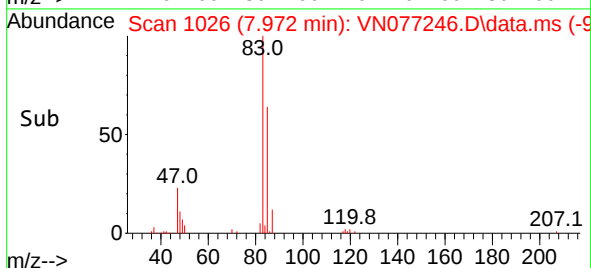
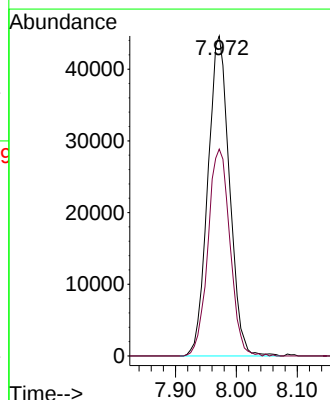
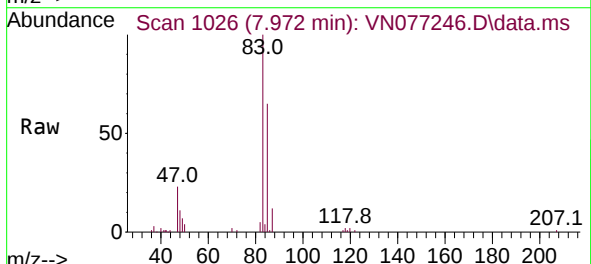
RT: 7.972 min Scan# 1026

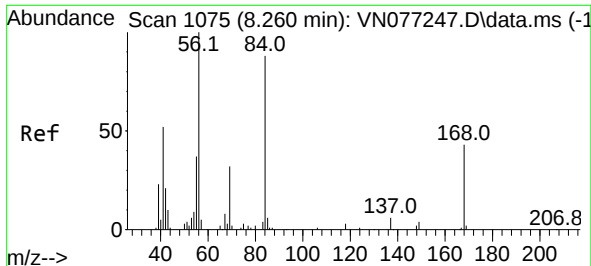
Delta R.T. 0.000 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

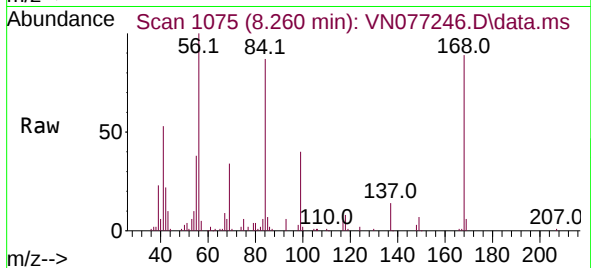
Tgt Ion:	83	Resp:	110124
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.4	77.0





#31
Cyclohexane
Concen: 10.133 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

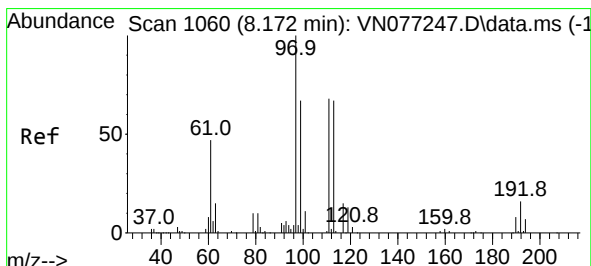
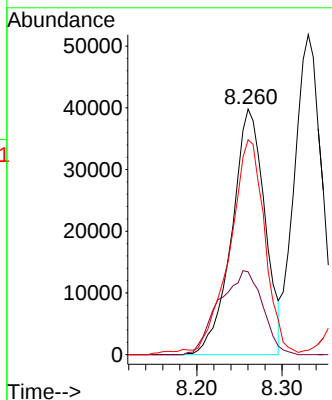
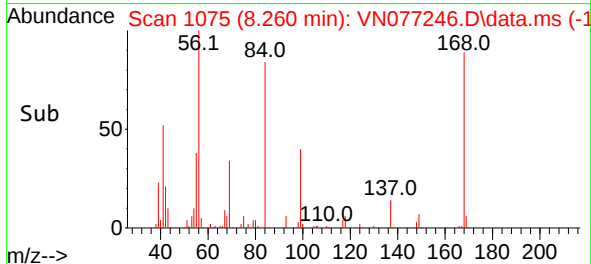
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 10697
Ion Ratio Lower Upper
56 100
69 33.8 25.1 37.7
84 86.1 69.0 103.4

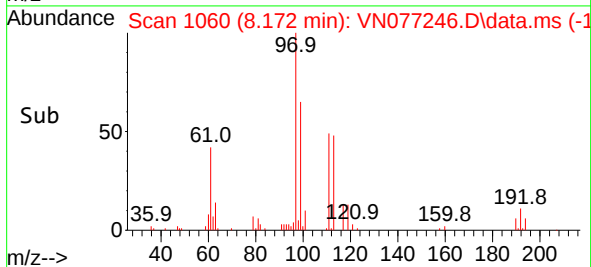
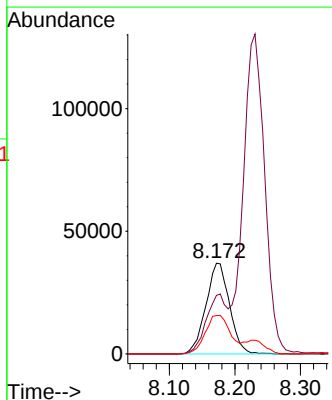
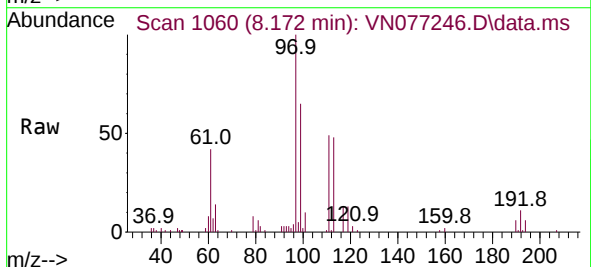
Manual Integrations
APPROVED

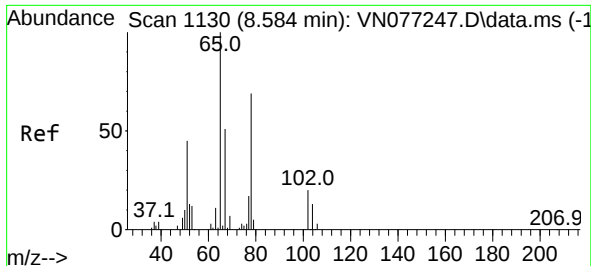
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#32
1,1,1-Trichloroethane
Concen: 9.854 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Tgt Ion: 97 Resp: 92142
Ion Ratio Lower Upper
97 100
99 58.0 51.8 77.8
61 45.0 37.1 55.7





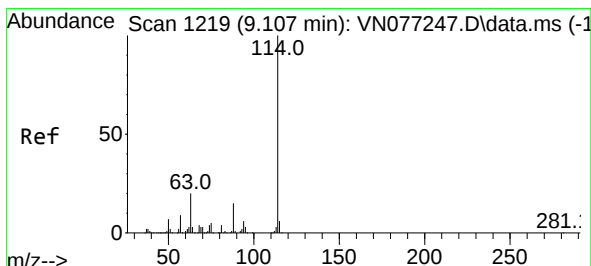
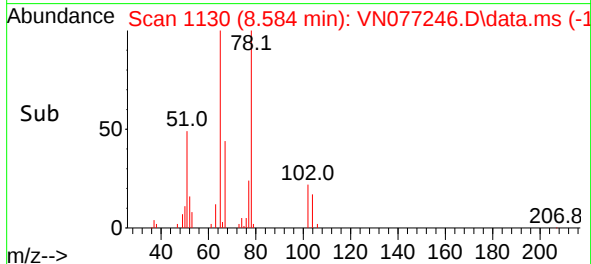
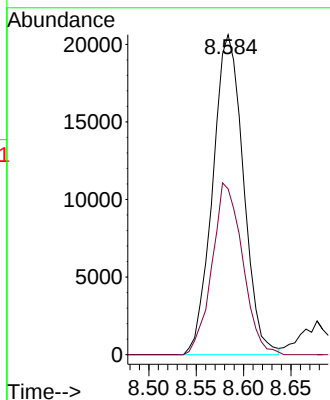
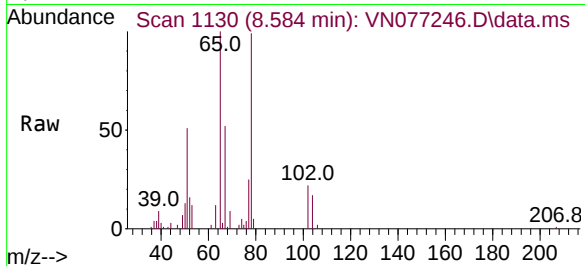
#33
1,2-Dichloroethane-d4
Concen: 7.763 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 65 Resp: 4646
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.4

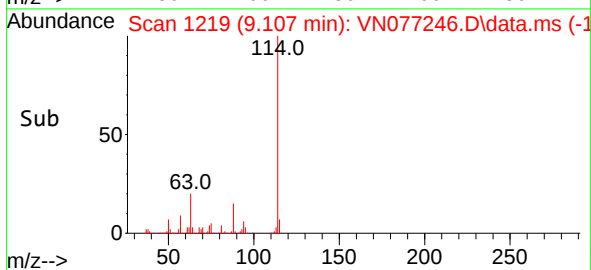
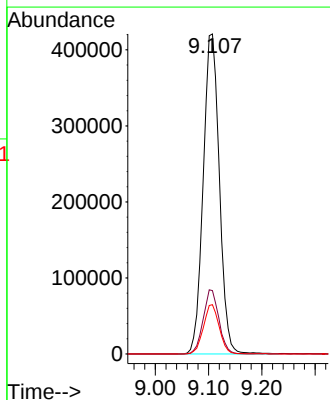
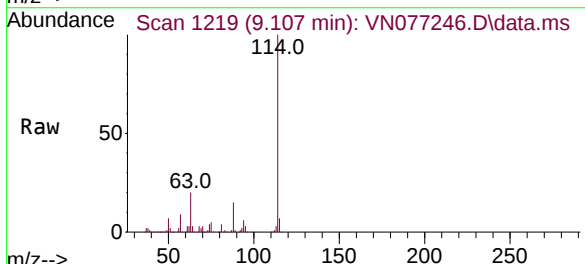
Manual Integrations
APPROVED

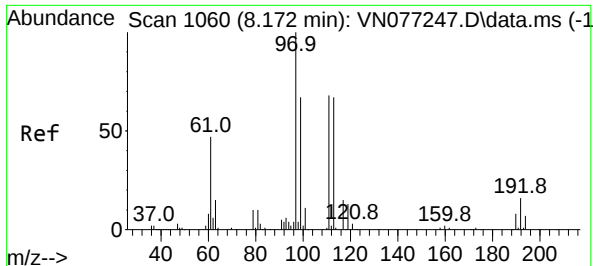
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Tgt Ion:114 Resp: 888380
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 15.4 0.0 29.8





#35

Dibromofluoromethane

Concen: 7.863 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:113 Resp: 41088

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

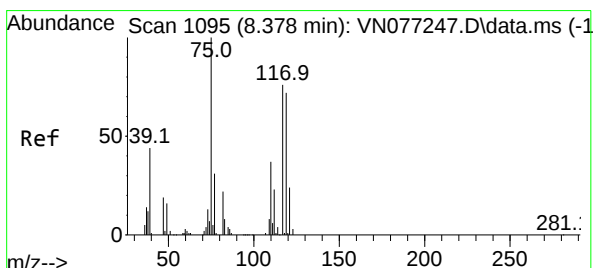
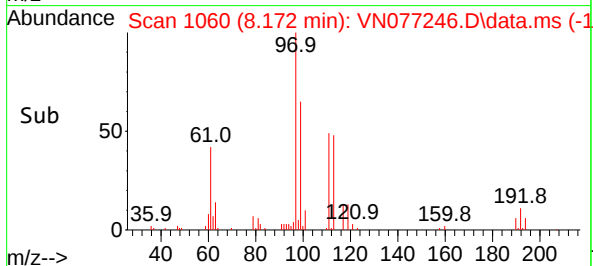
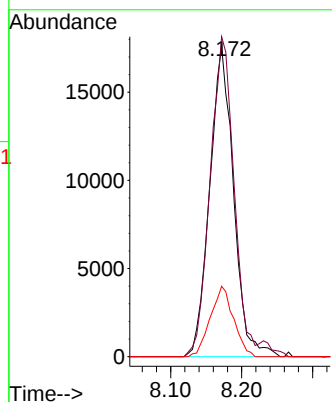
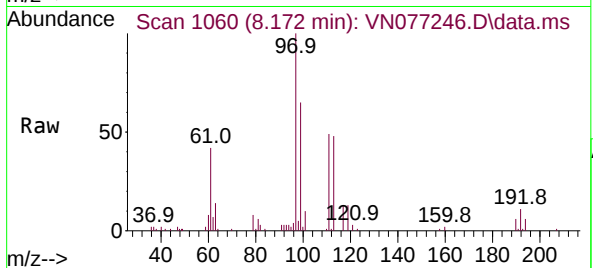
192 22.0 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#36

1,1-Dichloropropene

Concen: 9.781 ug/l

RT: 8.372 min Scan# 1094

Delta R.T. -0.006 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

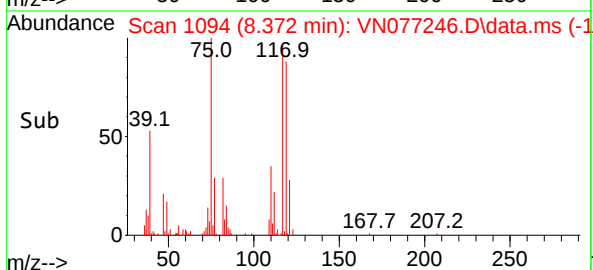
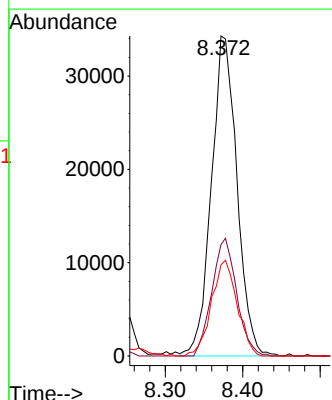
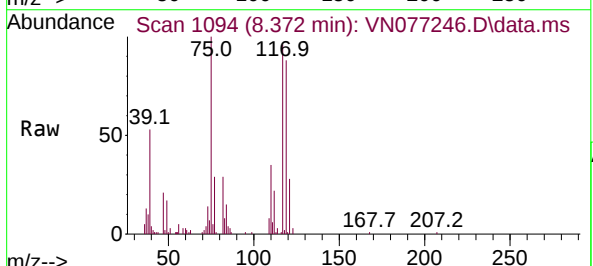
Tgt Ion: 75 Resp: 78722

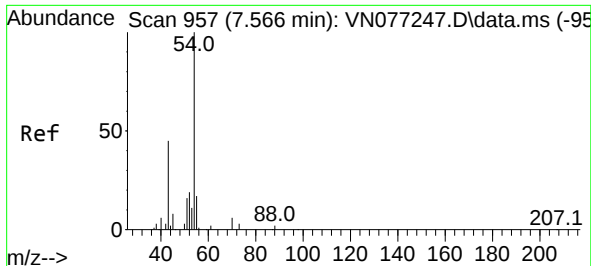
Ion Ratio Lower Upper

75 100

110 35.7 17.6 52.9

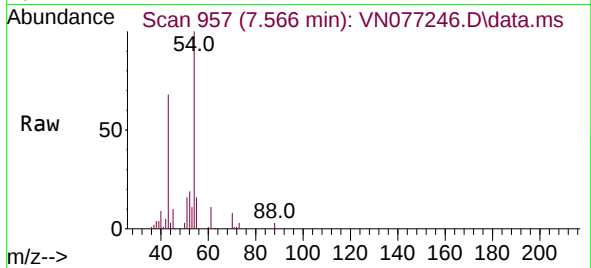
77 30.1 24.4 36.6





#37
Ethyl Acetate
Concen: 10.202 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

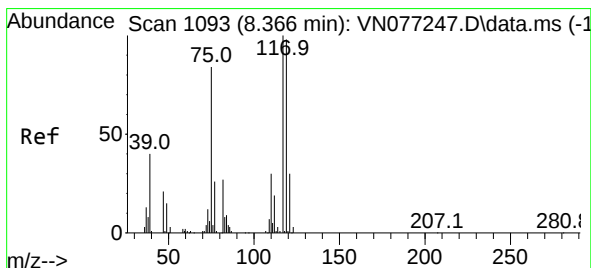
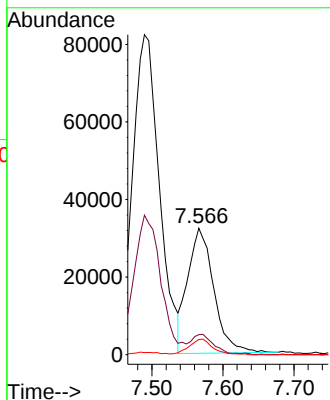
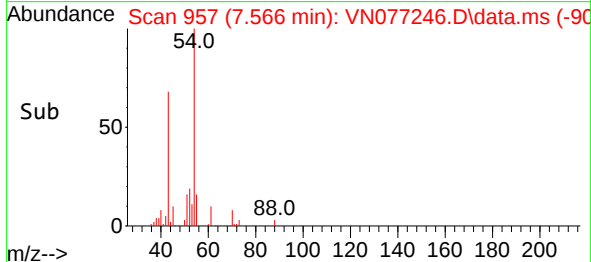
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 82374
Ion Ratio Lower Upper
43 100
61 14.1 10.9 16.3
70 11.2 8.8 13.2

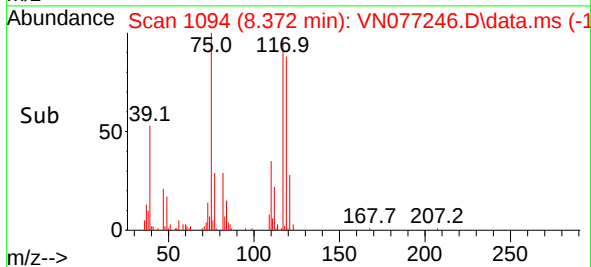
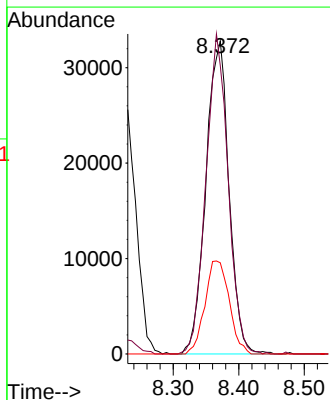
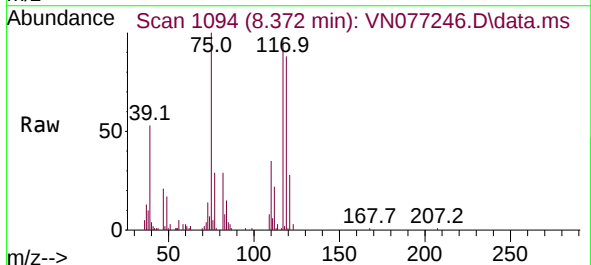
Manual Integrations
APPROVED

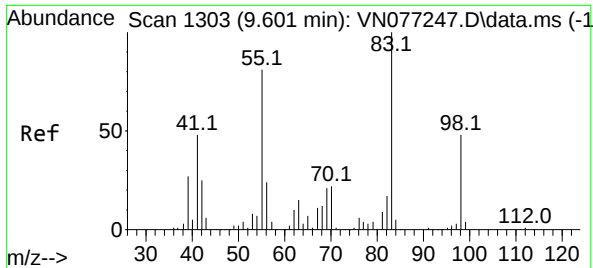
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#38
Carbon Tetrachloride
Concen: 9.750 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

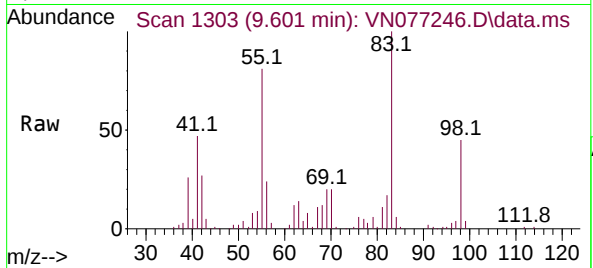
Tgt Ion:117 Resp: 80457
Ion Ratio Lower Upper
117 100
119 92.1 76.5 114.7
121 29.2 23.8 35.8





#39
Methylcyclohexane
Concen: 9.680 ug/l
RT: 9.601 min Scan# 11303
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

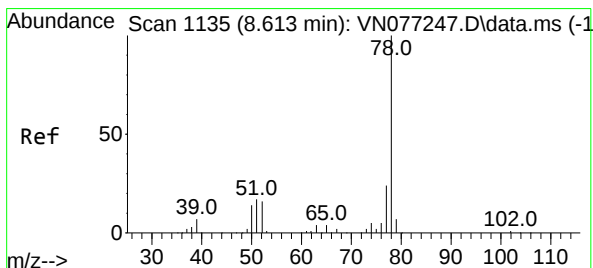
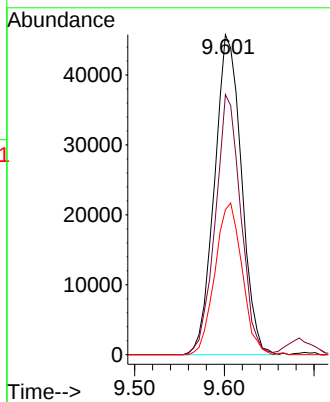
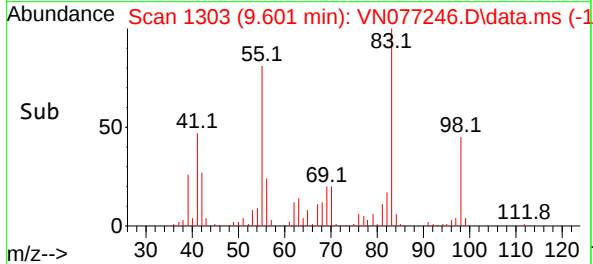
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 83 Resp: 9554
Ion Ratio Lower Upper
83 100
55 81.3 59.7 89.5
98 45.3 37.2 55.8

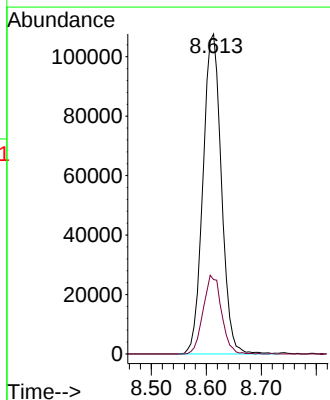
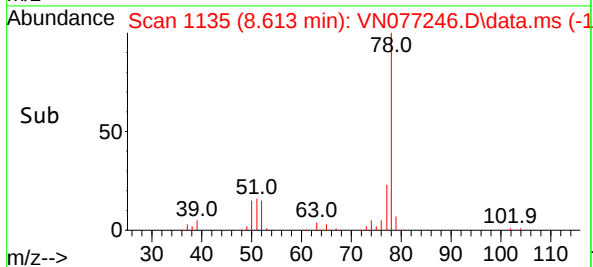
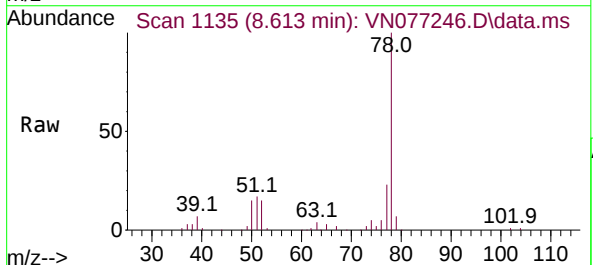
Manual Integrations
APPROVED

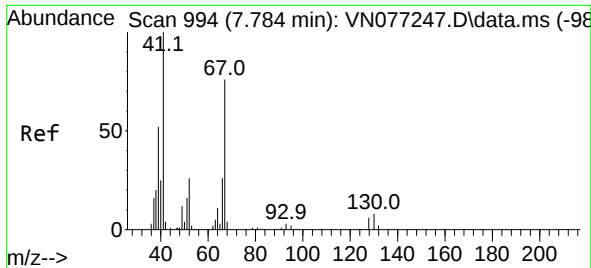
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#40
Benzene
Concen: 9.919 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Tgt Ion: 78 Resp: 250640
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1





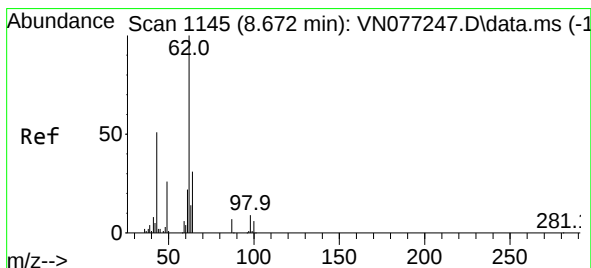
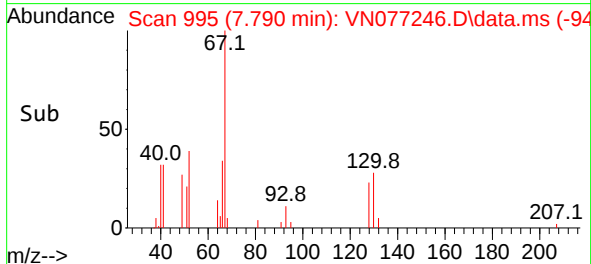
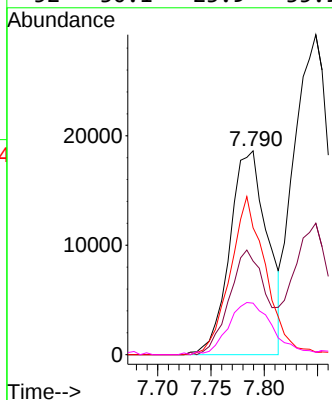
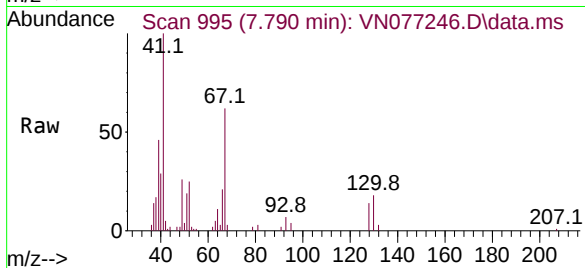
#41
Methacrylonitrile
Concen: 10.139 ug/l
RT: 7.790 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 4583
Ion Ratio Lower Upper
41 100
39 47.8 44.0 66.0
67 73.6 60.7 91.1
52 30.1 23.9 35.9

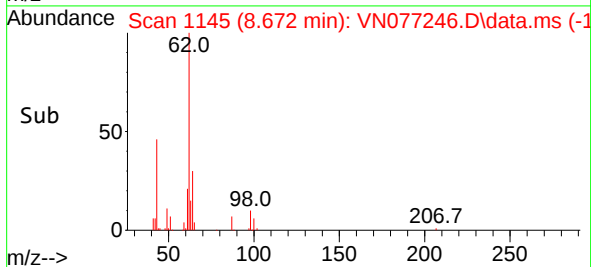
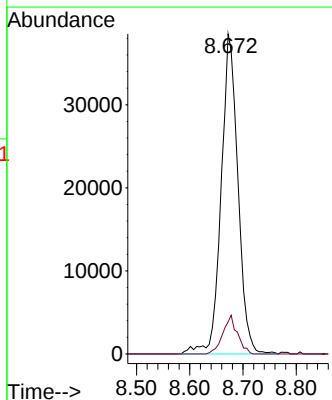
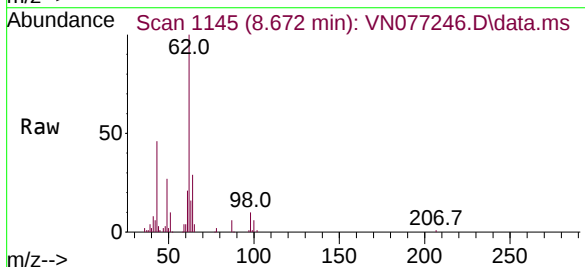
Manual Integrations
APPROVED

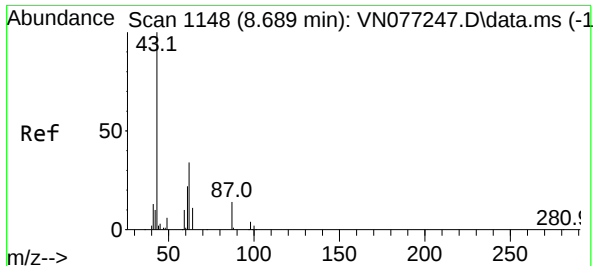
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#42
1,2-Dichloroethane
Concen: 10.237 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Tgt Ion: 62 Resp: 84641
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.8





#43

Isopropyl Acetate

Concen: 9.902 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.006 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

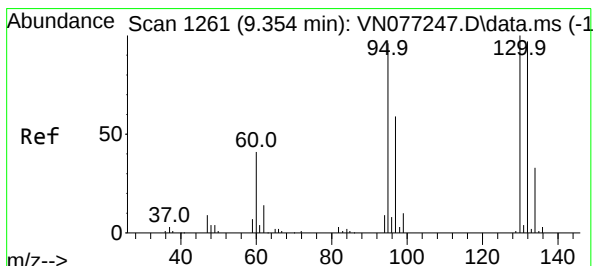
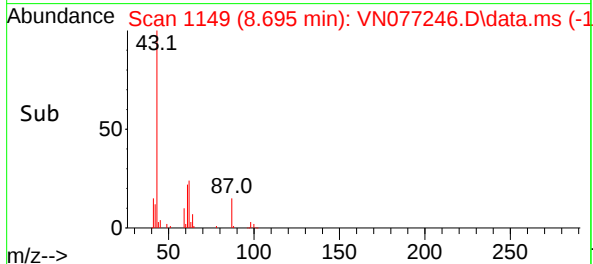
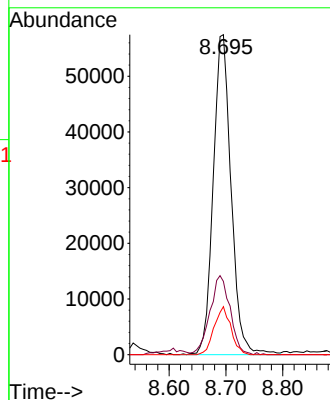
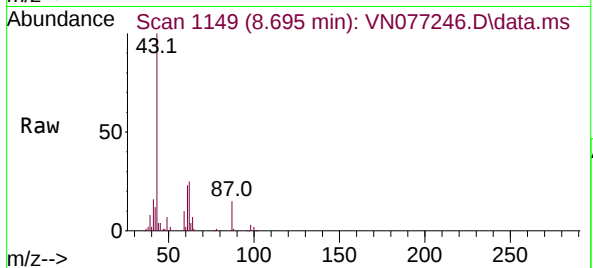
Tgt Ion: 43	Resp: 125420
Ion Ratio	Lower Upper
43	100
61	27.9 22.2 33.2
87	14.1 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#44

Trichloroethene

Concen: 9.800 ug/l

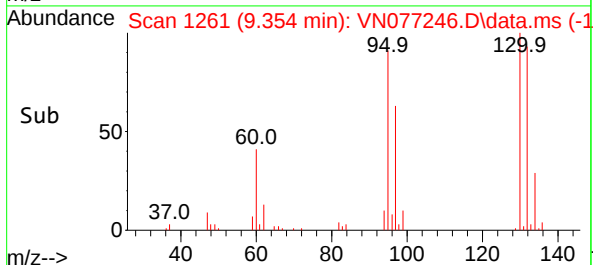
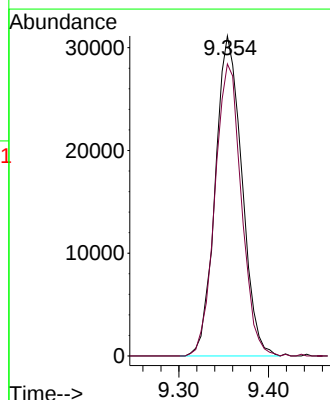
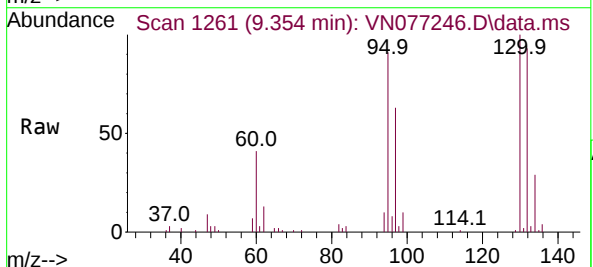
RT: 9.354 min Scan# 1261

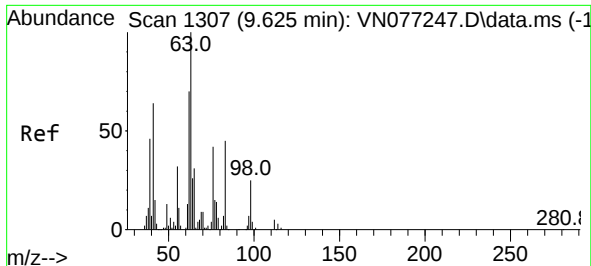
Delta R.T. 0.000 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

Tgt Ion:130	Resp: 64071
Ion Ratio	Lower Upper
130	100
95	91.3 0.0 197.8





#45

1,2-Dichloropropane

Concen: 10.028 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 67404

Ion Ratio Lower Upper

63 100

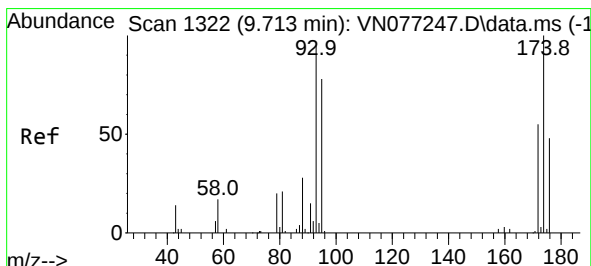
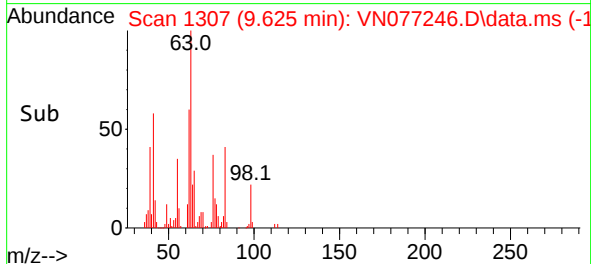
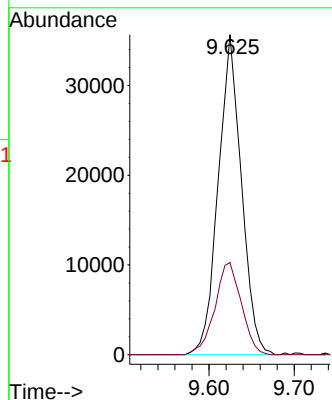
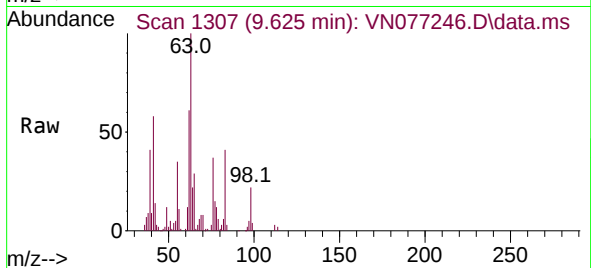
65 28.8 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#46

Dibromomethane

Concen: 9.610 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

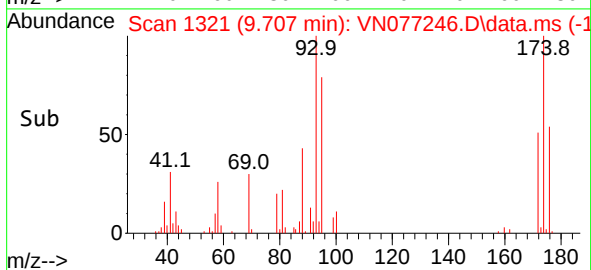
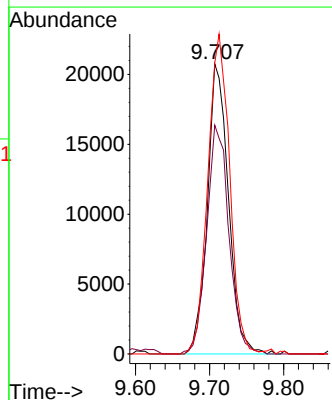
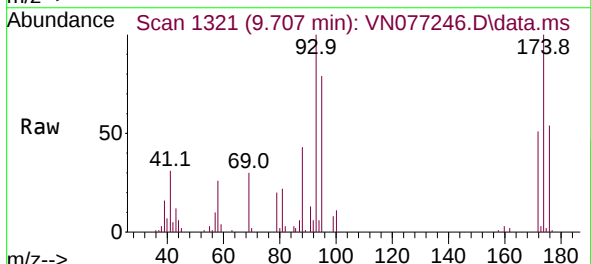
Tgt Ion: 93 Resp: 41067

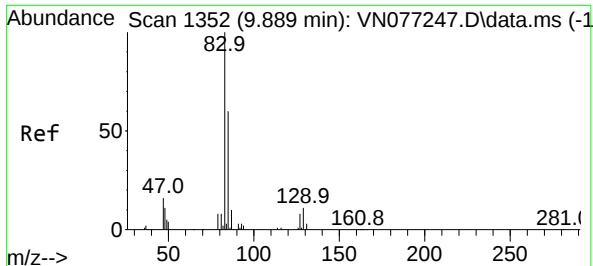
Ion Ratio Lower Upper

93 100

95 83.1 66.1 99.1

174 113.8 91.0 136.4





#47

Bromodichloromethane

Concen: 9.902 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

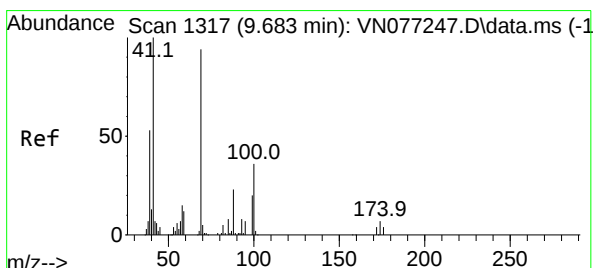
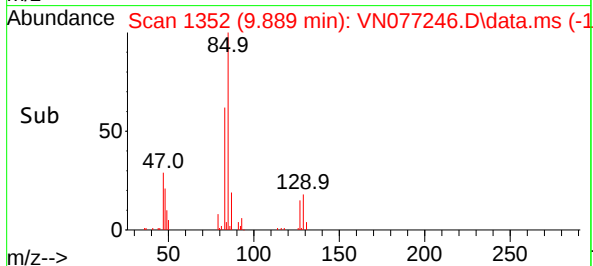
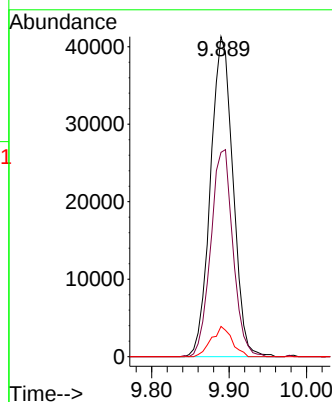
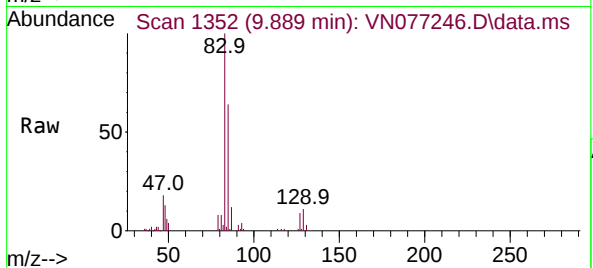
Tgt Ion:	83	Resp:	8331
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.3	76.9
127	9.4	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#48

Methyl methacrylate

Concen: 10.023 ug/l

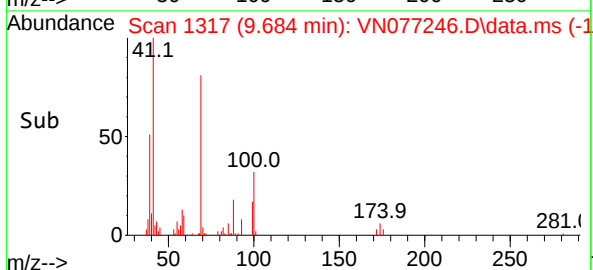
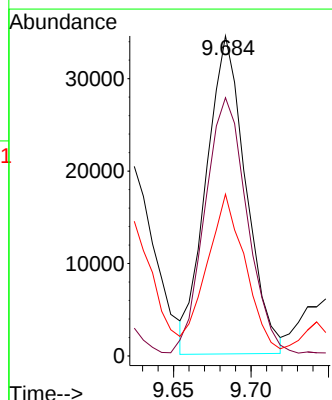
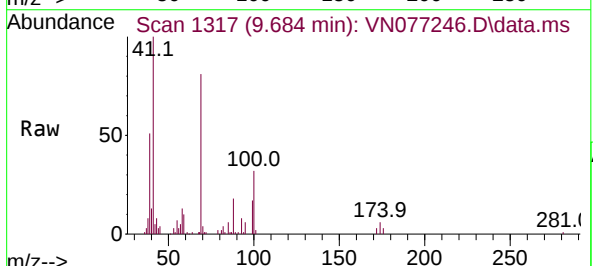
RT: 9.684 min Scan# 1317

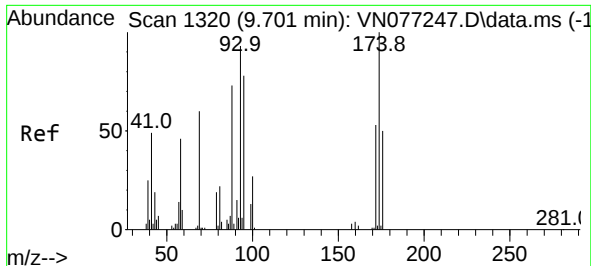
Delta R.T. 0.000 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

Tgt Ion:	41	Resp:	61235
Ion	Ratio	Lower	Upper
41	100		
69	87.0	70.7	106.1
39	50.7	40.6	61.0





#49

1,4-Dioxane

Concen: 202.406 ug/l

RT: 9.695 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

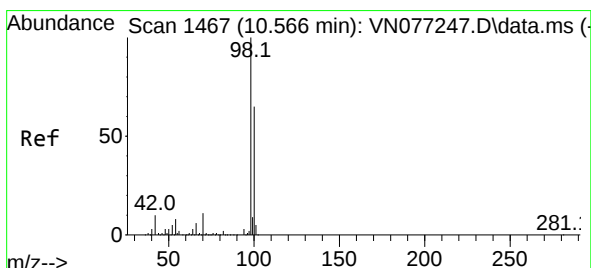
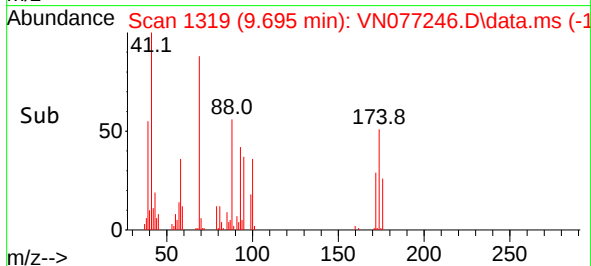
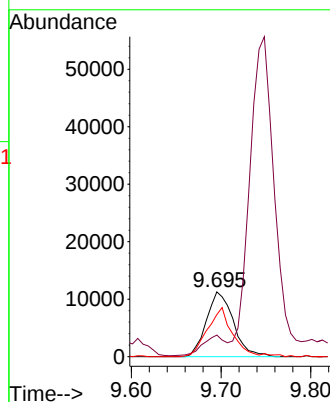
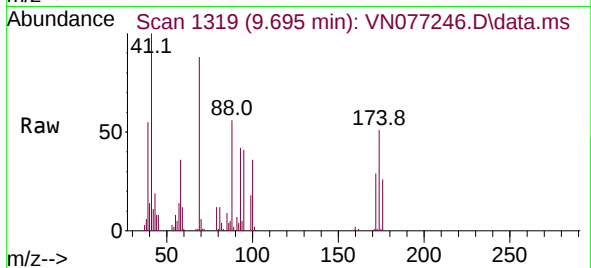
Tgt Ion: 88	Resp: 2352
Ion Ratio	Lower Upper
88 100	
43 26.3	21.2 31.8
58 71.9	56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#50

Toluene-d8

Concen: 7.755 ug/l

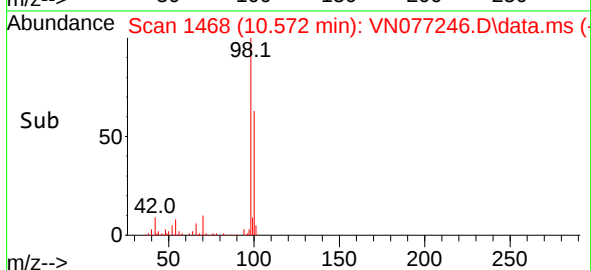
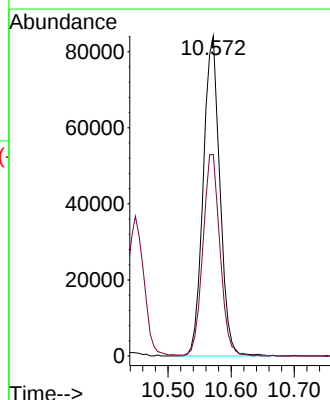
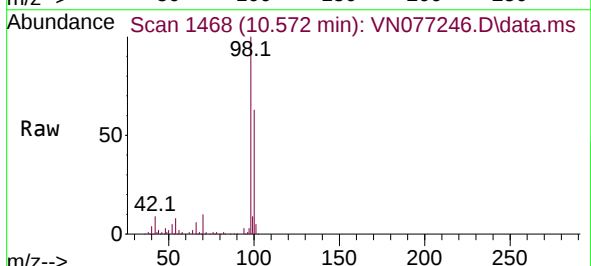
RT: 10.572 min Scan# 1468

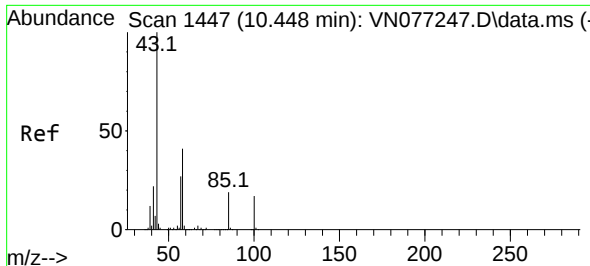
Delta R.T. 0.006 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

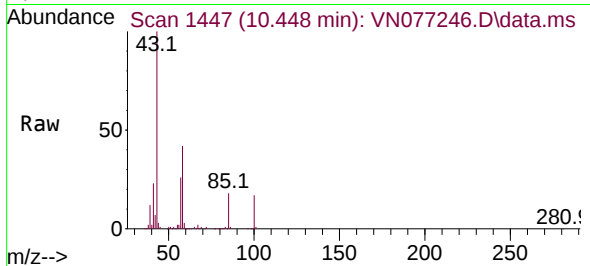
Tgt Ion: 98	Resp: 153731
Ion Ratio	Lower Upper
98 100	
100 65.1	52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 50.737 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

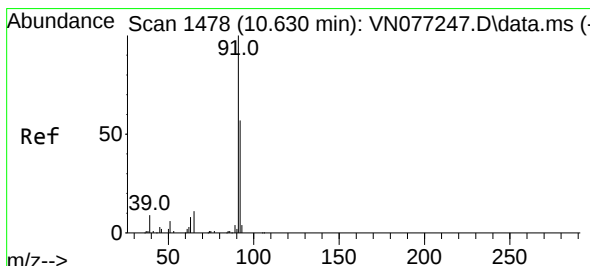
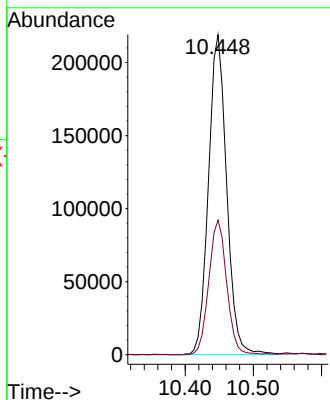
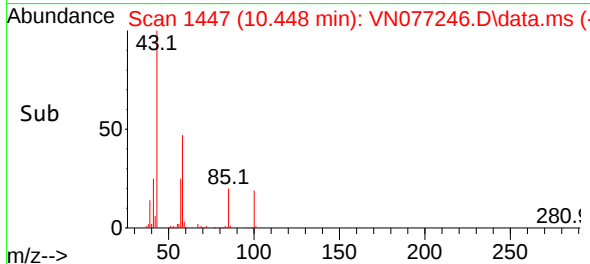
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 406919
Ion Ratio Lower Upper
43 100
58 41.3 33.3 49.9

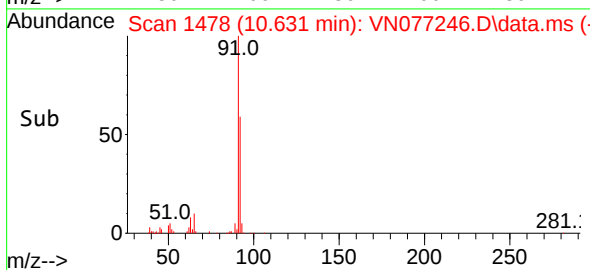
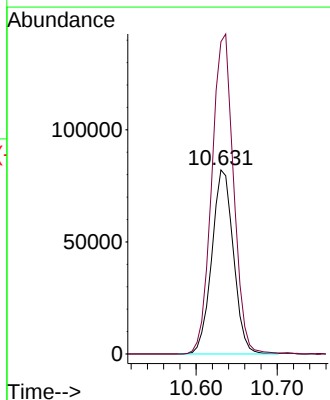
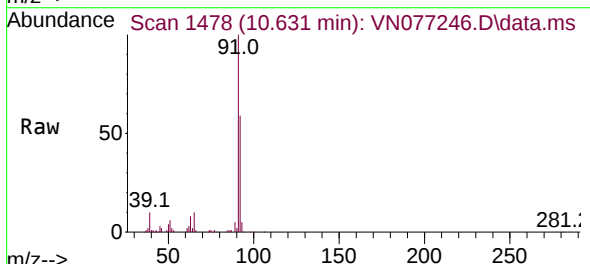
Manual Integrations
APPROVED

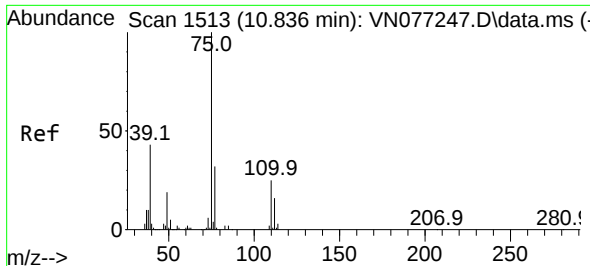
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#52
Toluene
Concen: 9.960 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

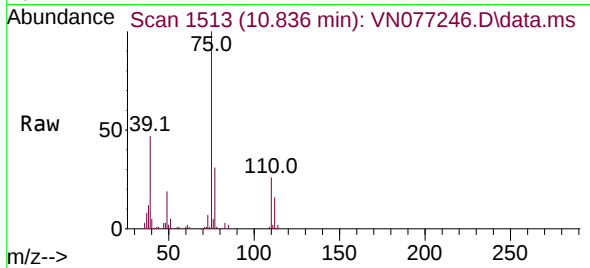
Tgt Ion: 92 Resp: 152227
Ion Ratio Lower Upper
92 100
91 175.3 138.8 208.2





#53
t-1,3-Dichloropropene
Concen: 9.271 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

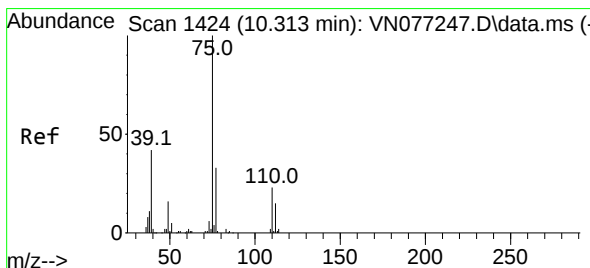
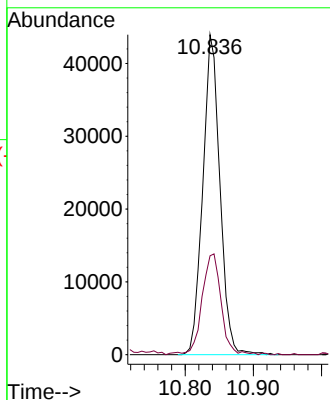
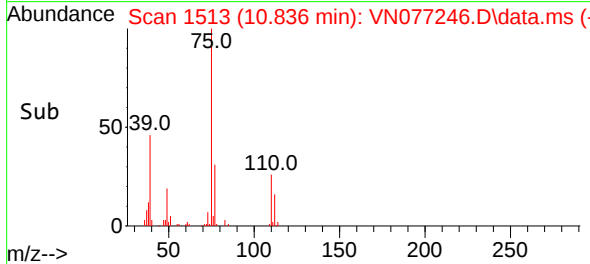
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



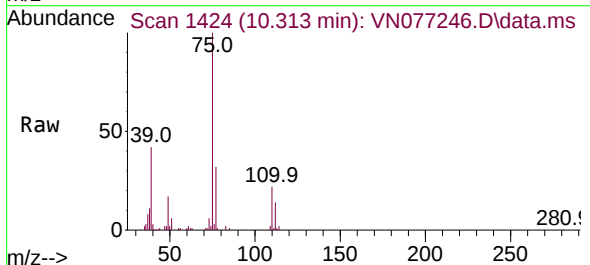
Tgt Ion: 75 Resp: 7693
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.8

Manual Integrations
APPROVED

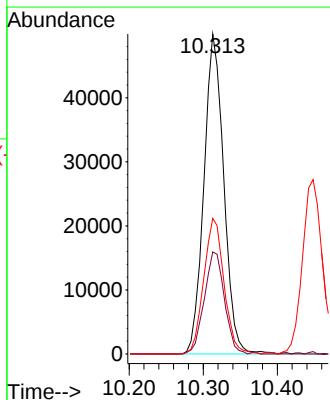
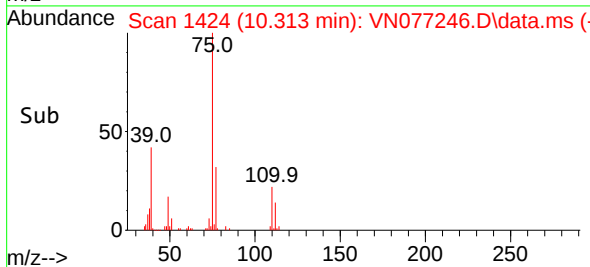
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

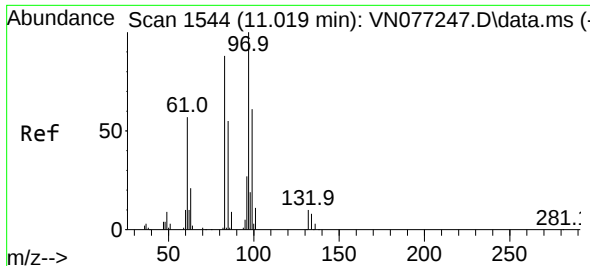


#54
cis-1,3-Dichloropropene
Concen: 9.632 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09



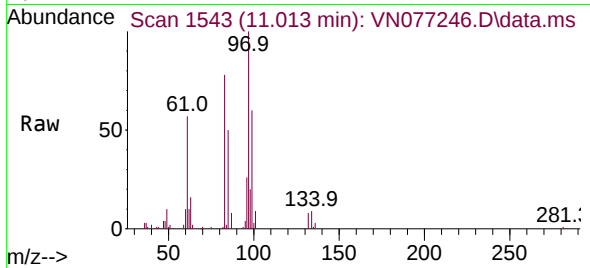
Tgt Ion: 75 Resp: 92866
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2
39 42.4 33.3 49.9





#55
1,1,2-Trichloroethane
Concen: 10.211 ug/l
RT: 11.013 min Scan# 1543
Delta R.T. -0.006 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

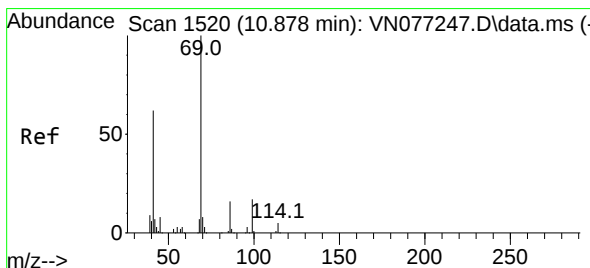
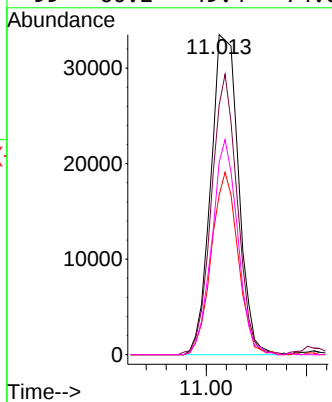
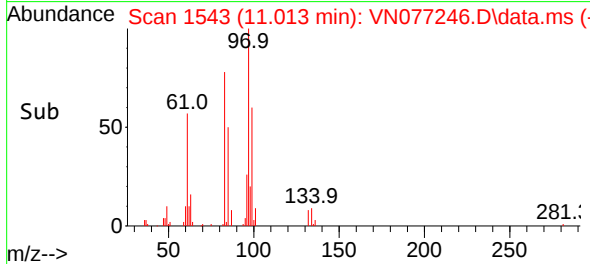
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



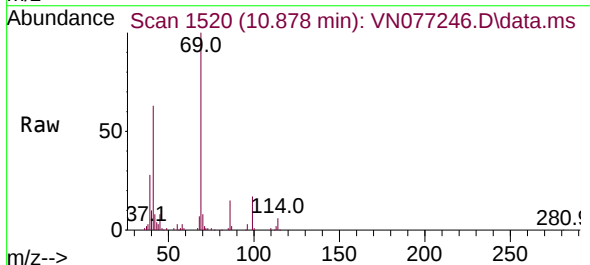
Tgt Ion: 97 Resp: 64554
Ion Ratio Lower Upper
97 100
83 77.9 68.4 102.6
85 49.8 43.2 64.8
99 60.2 49.4 74.0

Manual Integrations
APPROVED

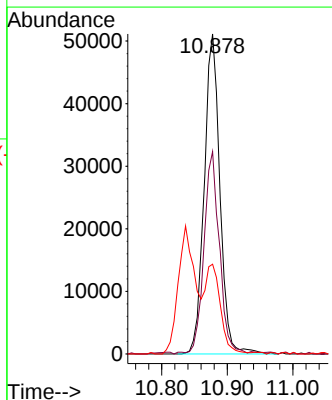
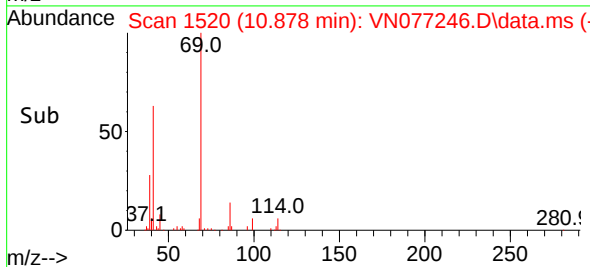
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

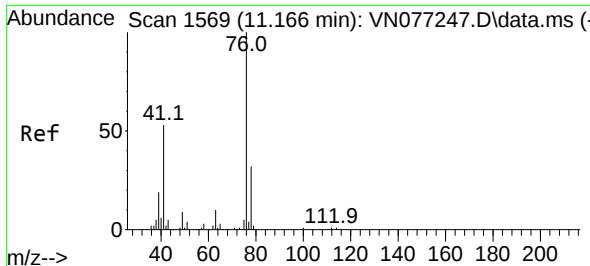


#56
Ethyl methacrylate
Concen: 9.746 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09



Tgt Ion: 69 Resp: 85296
Ion Ratio Lower Upper
69 100
41 62.3 49.9 74.9
39 26.7 21.9 32.9





#57

1,3-Dichloropropane

Concen: 10.014 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 107548

Ion Ratio Lower Upper

76 100

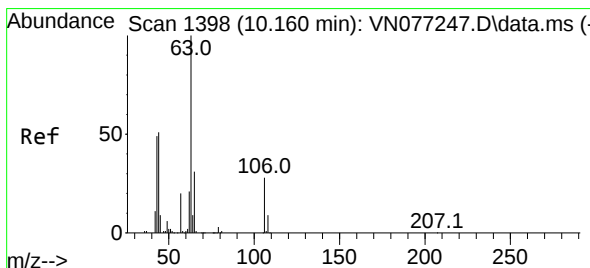
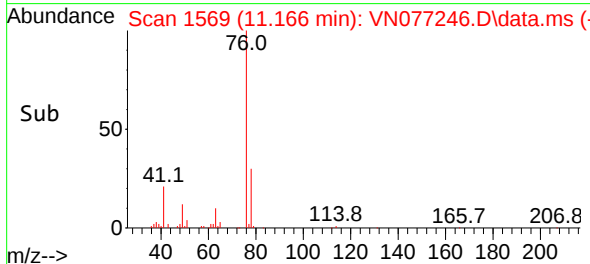
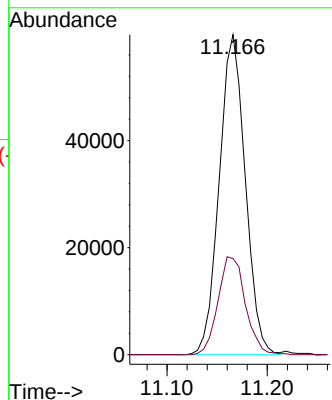
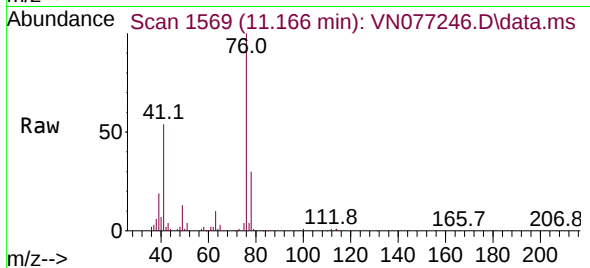
78 32.2 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#58

2-Chloroethyl Vinyl ether

Concen: 45.737 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VN077246.D

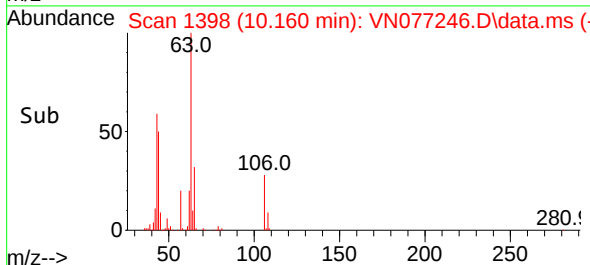
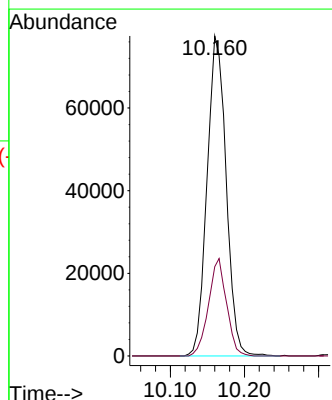
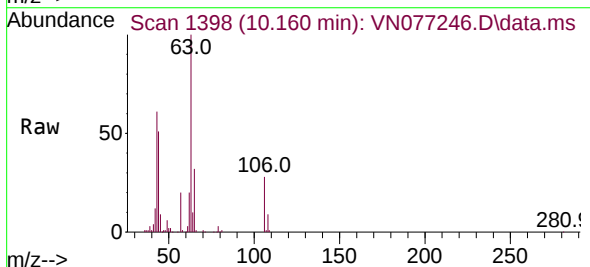
Acq: 31 Mar 2023 11:09

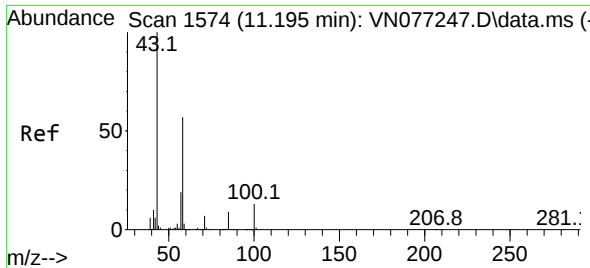
Tgt Ion: 63 Resp: 138365

Ion Ratio Lower Upper

63 100

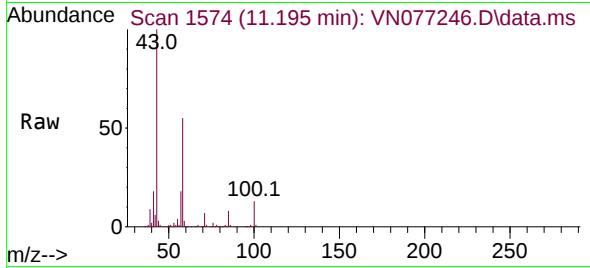
106 28.7 22.6 33.8





#59
2-Hexanone
Concen: 51.450 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

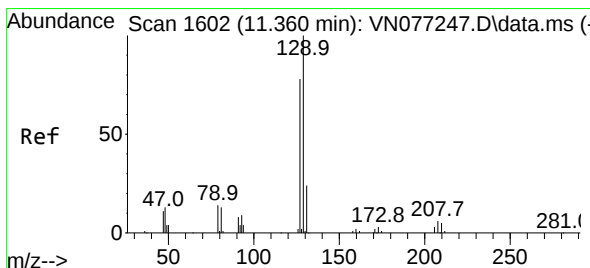
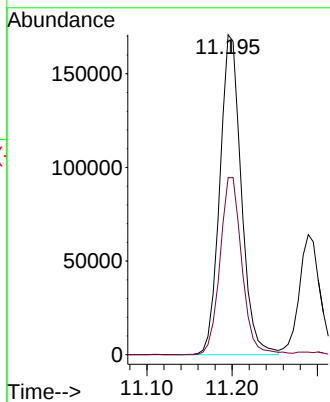
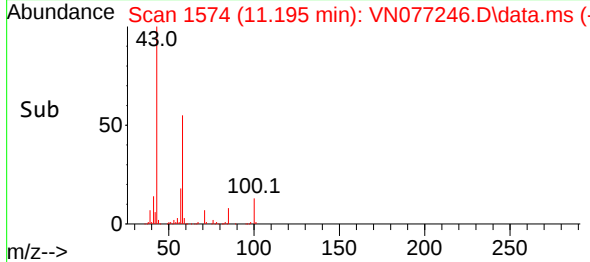
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



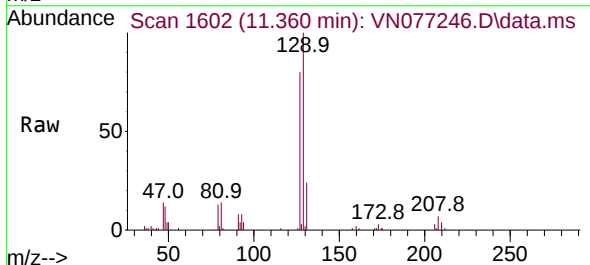
Tgt Ion: 43 Resp: 299454
Ion Ratio Lower Upper
43 100
58 56.5 29.3 88.0

Manual Integrations
APPROVED

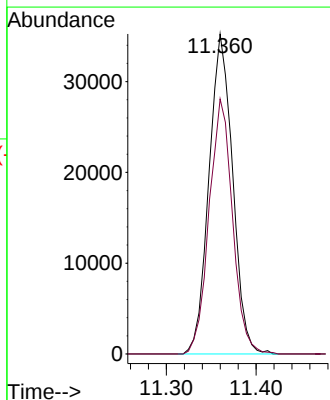
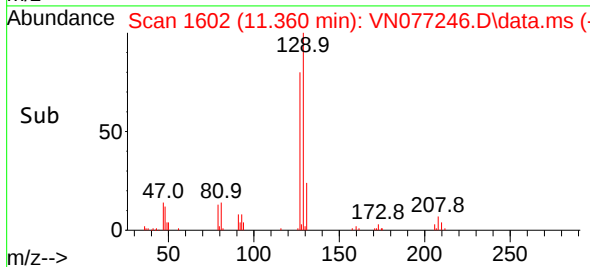
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

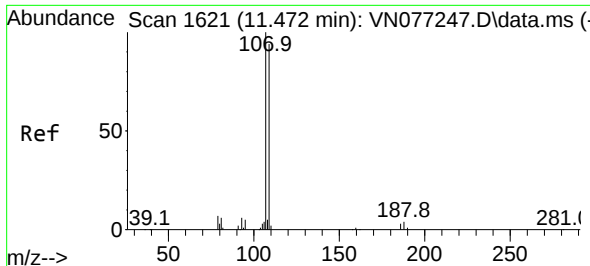


#60
Dibromochloromethane
Concen: 9.821 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09



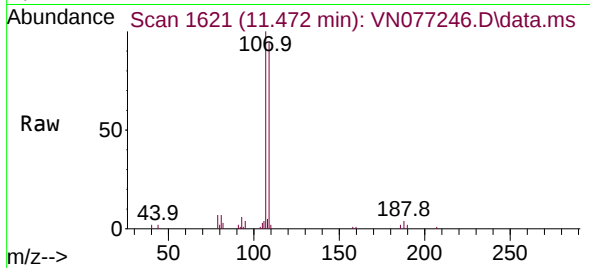
Tgt Ion:129 Resp: 64511
Ion Ratio Lower Upper
129 100
127 79.0 38.1 114.3





#61
1,2-Dibromoethane
Concen: 9.884 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

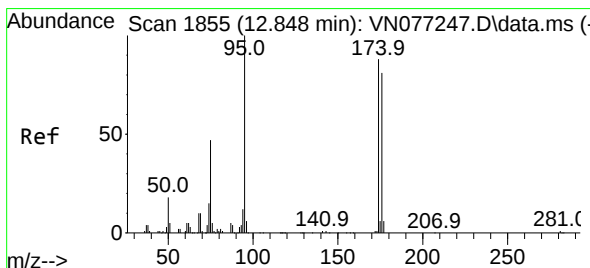
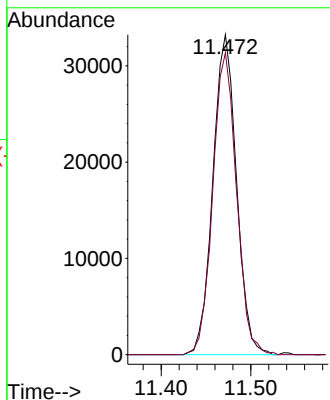
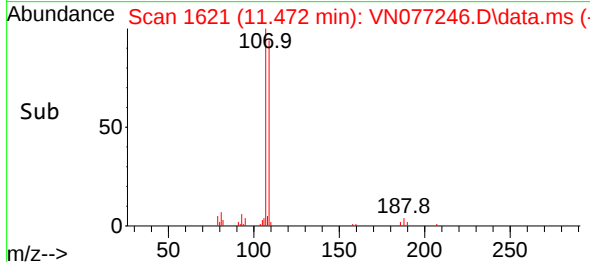
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



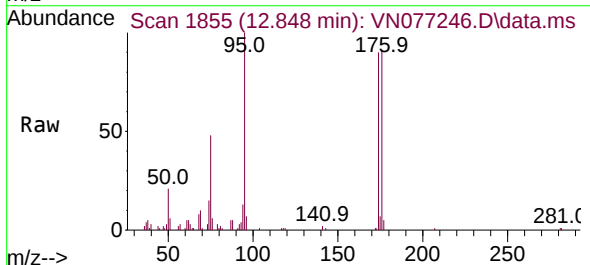
Tgt Ion:107 Resp: 6066
Ion Ratio Lower Upper
107 100
109 95.1 75.7 113.5

Manual Integrations
APPROVED

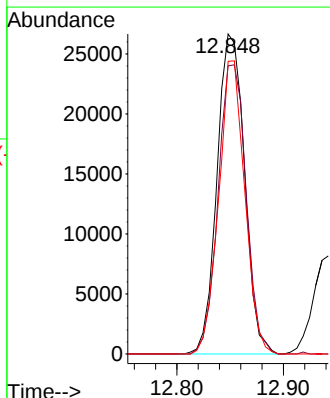
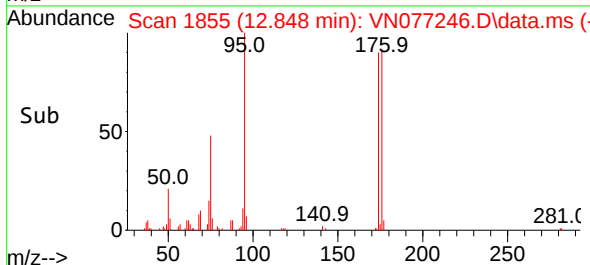
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

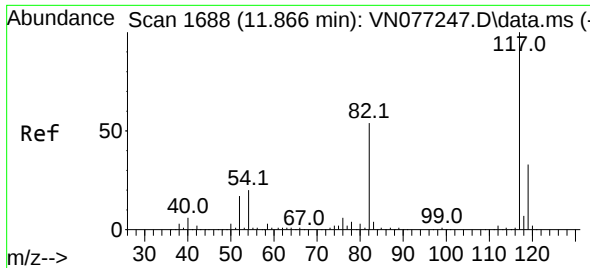


#62
4-Bromofluorobenzene
Concen: 7.291 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09



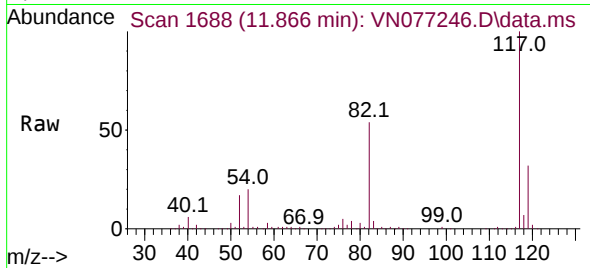
Tgt Ion: 95 Resp: 47848
Ion Ratio Lower Upper
95 100
174 91.6 0.0 179.2
176 86.9 0.0 171.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

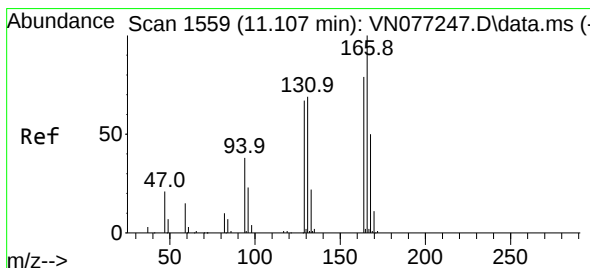
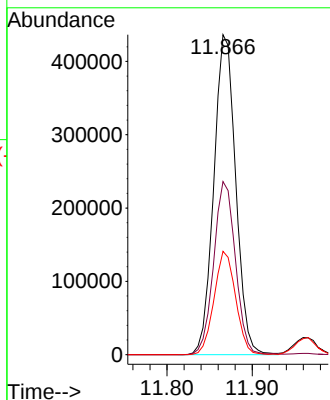
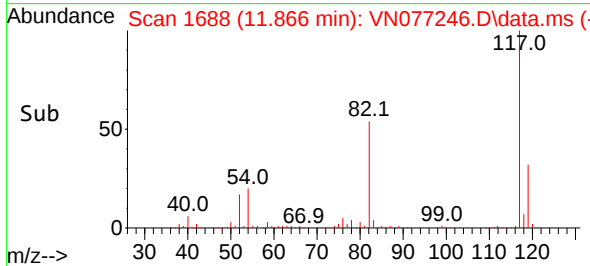
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 77979
Ion Ratio Lower Upper
117 100
82 54.1 42.9 64.3
119 32.3 25.3 37.9

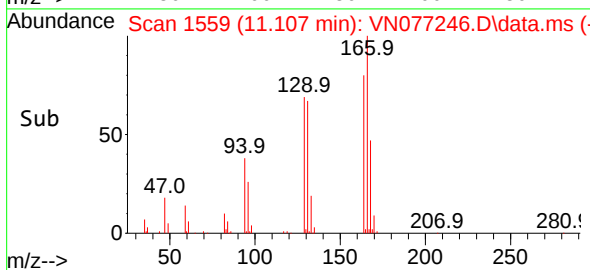
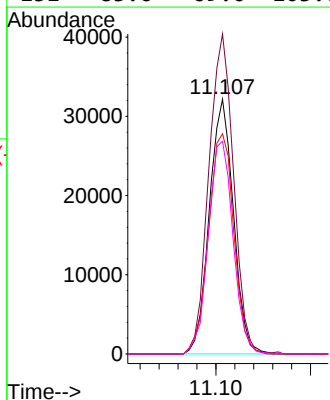
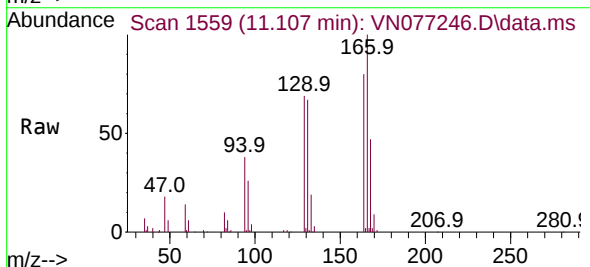
Manual Integrations
APPROVED

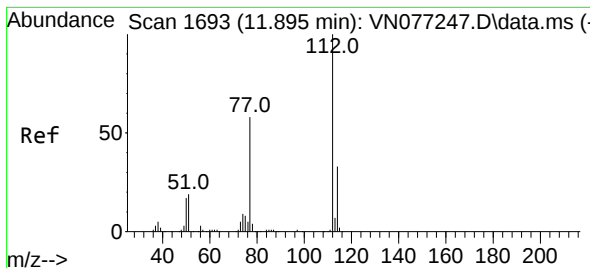
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#64
Tetrachloroethene
Concen: 9.951 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Tgt Ion:164 Resp: 56816
Ion Ratio Lower Upper
164 100
166 125.7 106.0 159.0
129 86.5 72.4 108.6
131 83.6 69.0 103.6





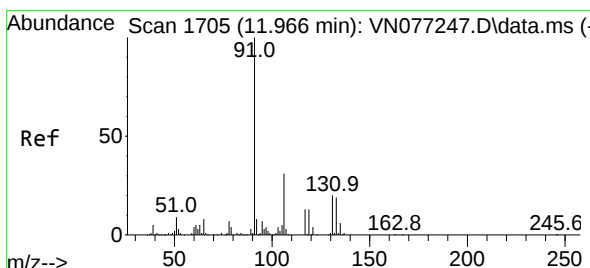
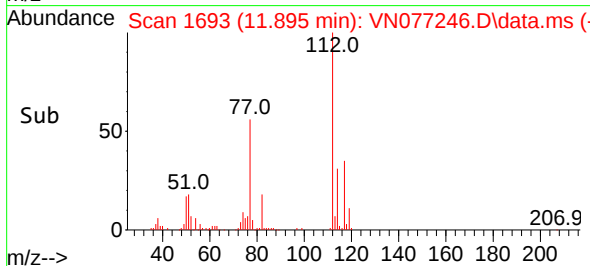
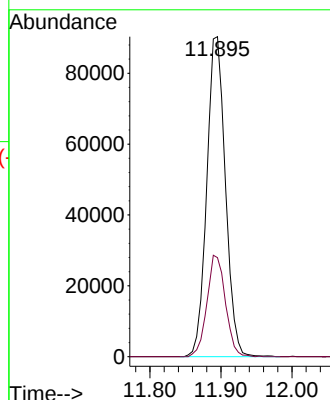
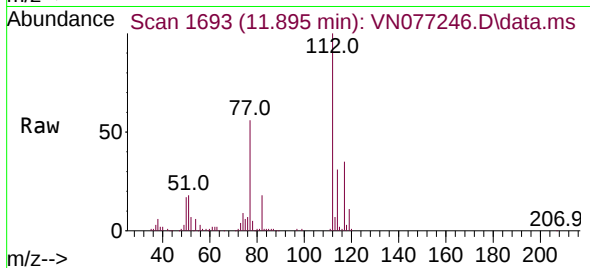
#65
Chlorobenzene
Concen: 10.010 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 16479
Ion Ratio Lower Upper
112 100
114 31.0 25.9 38.9

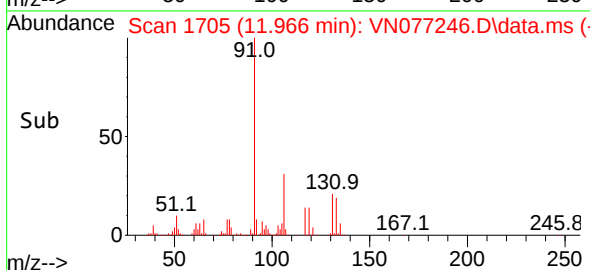
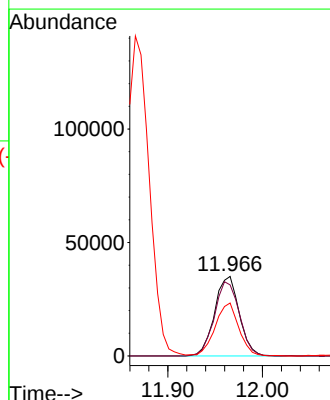
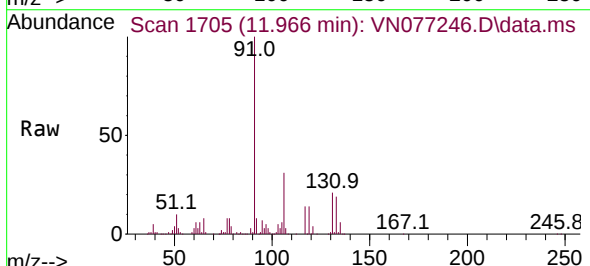
Manual Integrations
APPROVED

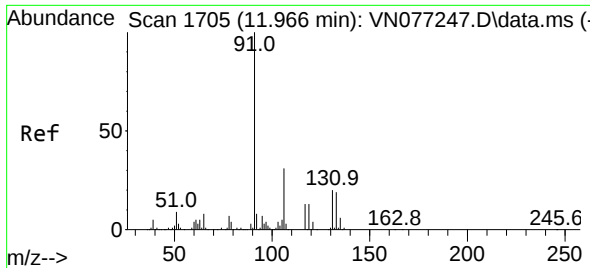
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 10.008 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

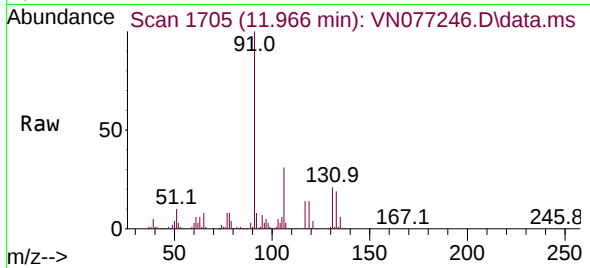
Tgt Ion:131 Resp: 63142
Ion Ratio Lower Upper
131 100
133 94.8 46.5 139.5
119 64.4 32.0 96.2





#67
Ethyl Benzene
Concen: 9.883 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

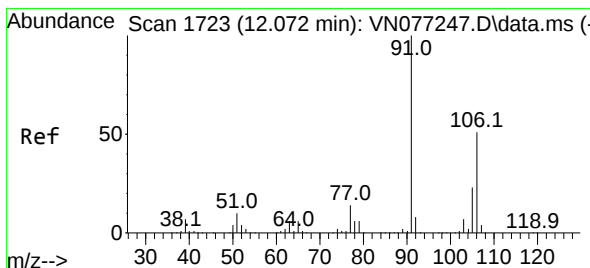
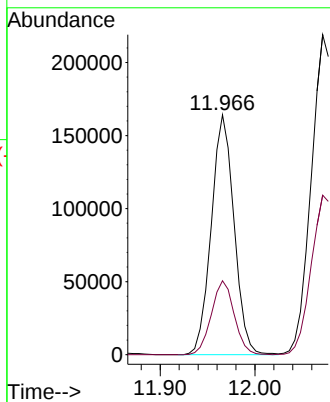
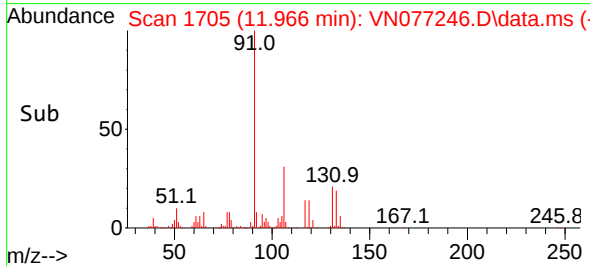
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



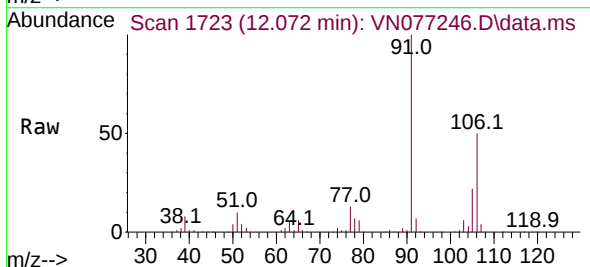
Tgt Ion: 91 Resp: 274320
Ion Ratio Lower Upper
91 100
106 30.8 24.3 36.5

Manual Integrations
APPROVED

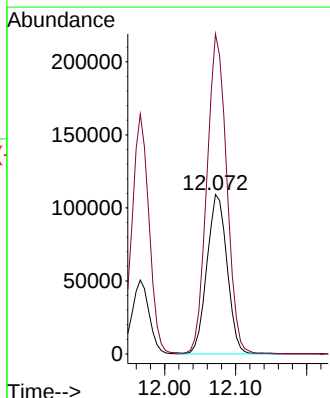
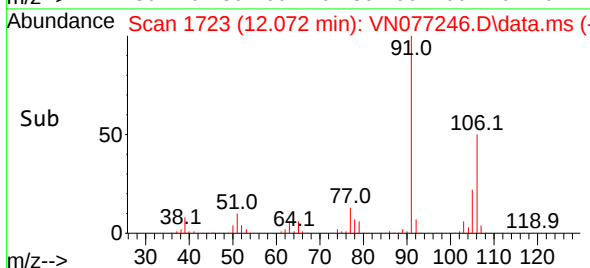
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

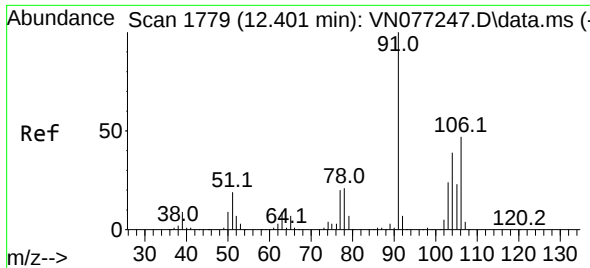


#68
m/p-Xylenes
Concen: 19.963 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09



Tgt Ion:106 Resp: 215514
Ion Ratio Lower Upper
106 100
91 196.8 158.6 238.0





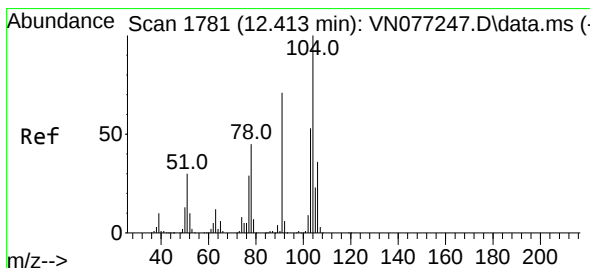
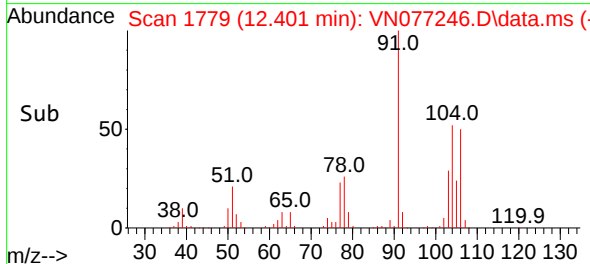
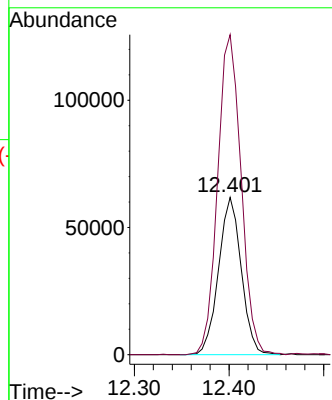
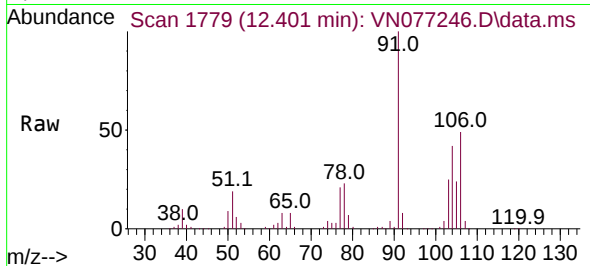
#69
o-Xylene
Concen: 9.896 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 103024
Ion Ratio Lower Upper
106 100
91 210.1 104.7 314.1

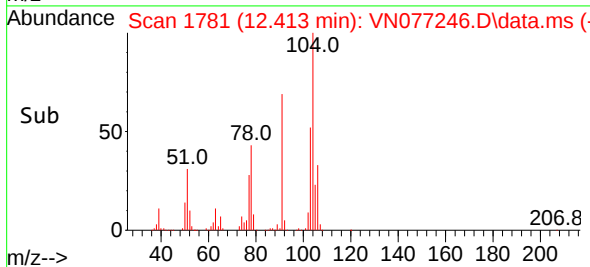
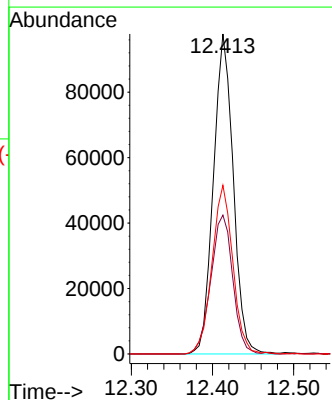
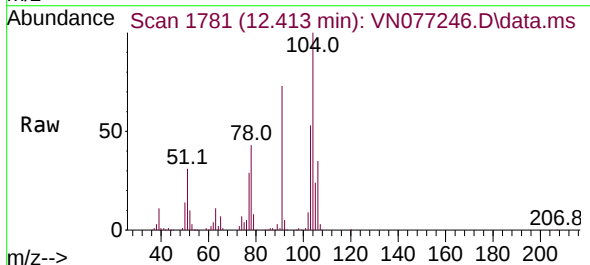
Manual Integrations
APPROVED

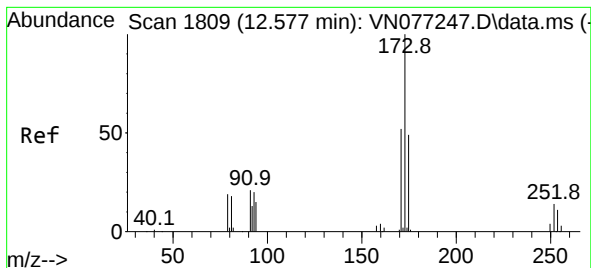
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#70
Styrene
Concen: 10.033 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Tgt Ion:104 Resp: 166289
Ion Ratio Lower Upper
104 100
78 47.9 38.7 58.1
103 55.4 44.5 66.7





#71

Bromoform

Concen: 9.847 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

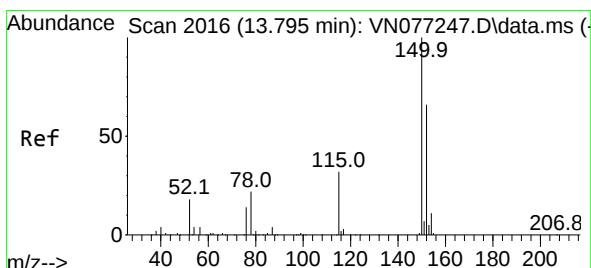
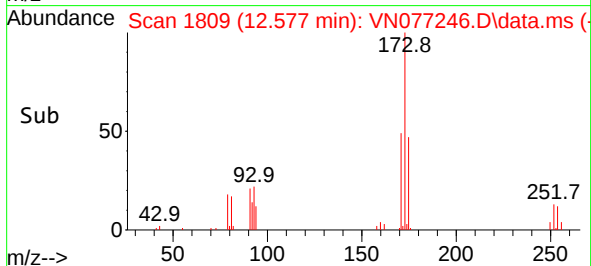
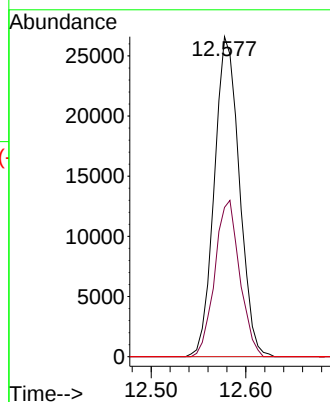
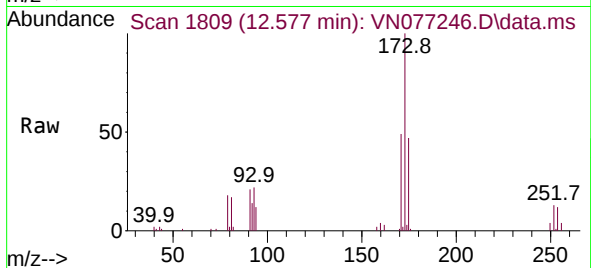
Tgt Ion:173	Resp:	48760
Ion Ratio	Lower	Upper
173	100	
175	48.6	24.6 73.8
254	0.0	0.1 0.1

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

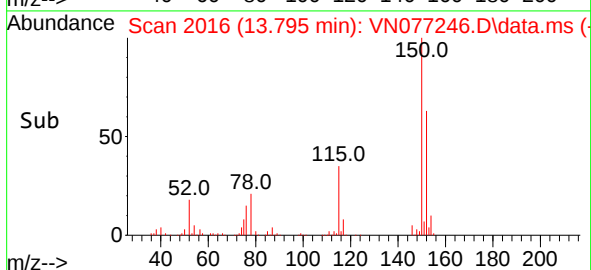
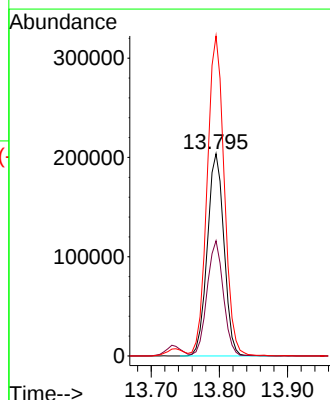
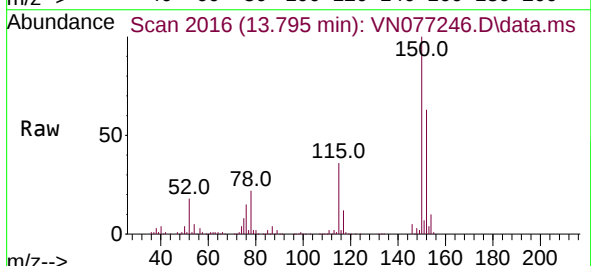
RT: 13.795 min Scan# 2016

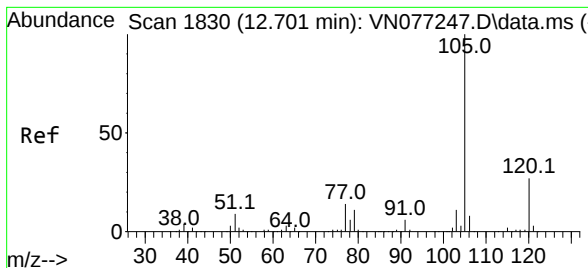
Delta R.T. 0.000 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

Tgt Ion:152	Resp:	346776
Ion Ratio	Lower	Upper
152	100	
115	55.7	27.9 83.6
150	162.1	0.0 346.4





#73

Isopropylbenzene

Concen: 10.274 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:105 Resp: 26568

Ion Ratio Lower Upper

105 100

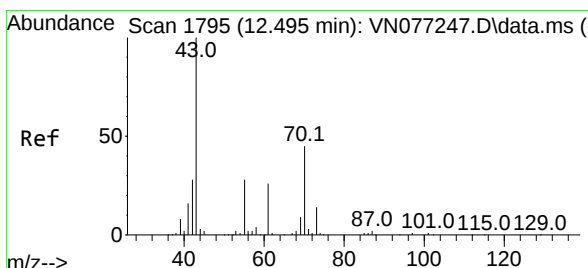
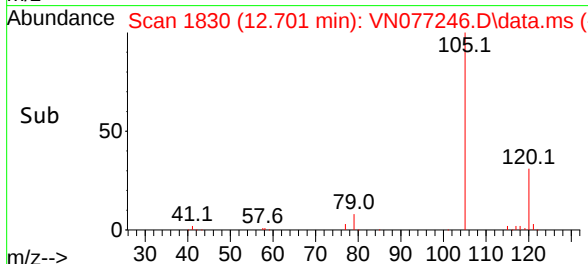
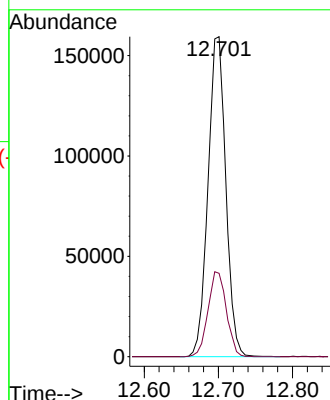
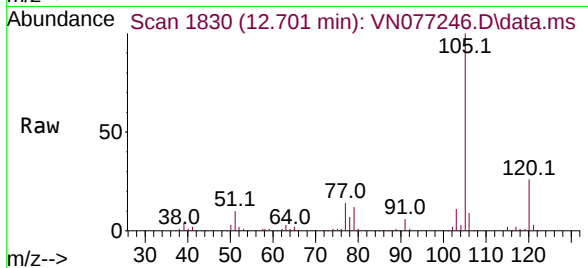
120 27.4 13.7 41.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#74

N-ethyl acetate

Concen: 10.007 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

Tgt Ion: 43 Resp: 95405

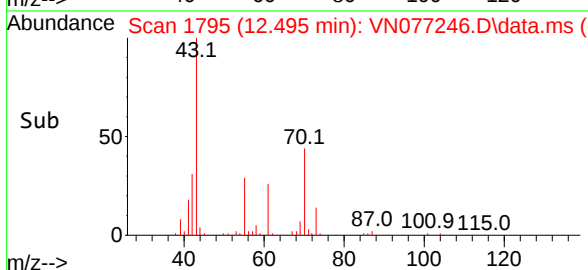
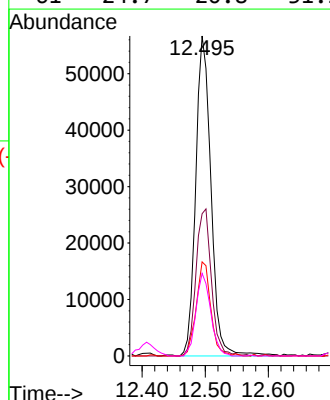
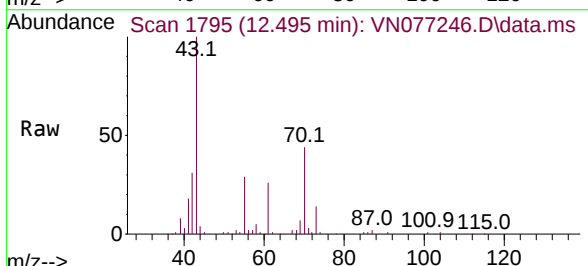
Ion Ratio Lower Upper

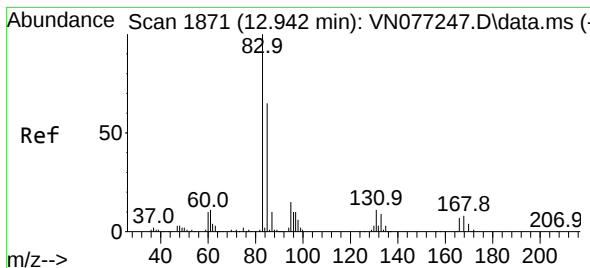
43 100

70 46.5 37.5 56.3

55 28.1 21.4 32.0

61 24.7 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 10.107 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

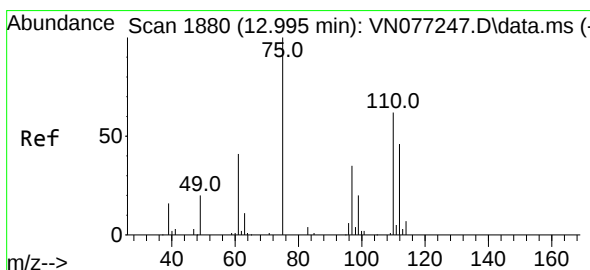
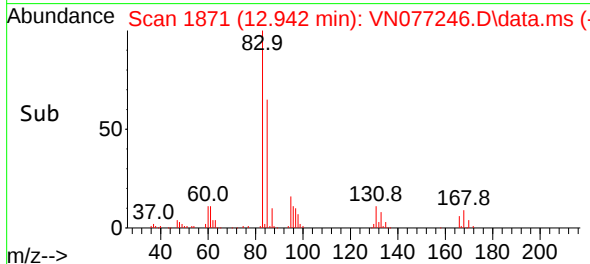
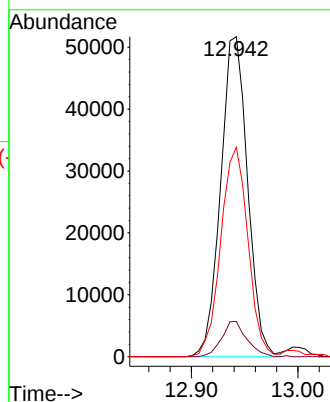
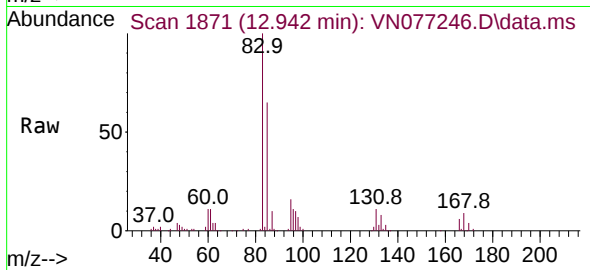
Tgt Ion: 83 Resp: 9089
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.3
 85 65.7 32.3 96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#76

1,2,3-Trichloropropane

Concen: 10.638 ug/l m

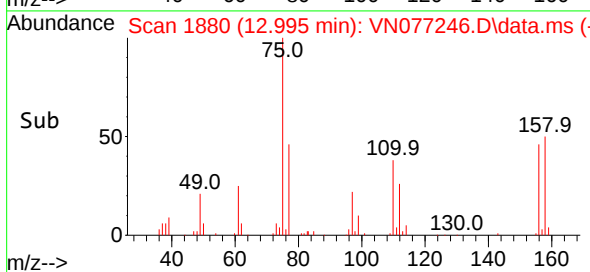
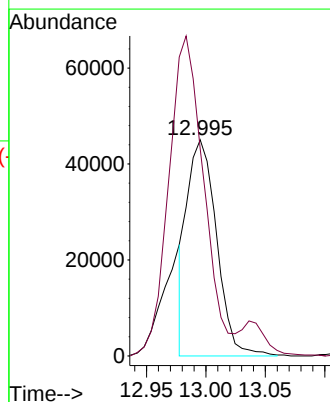
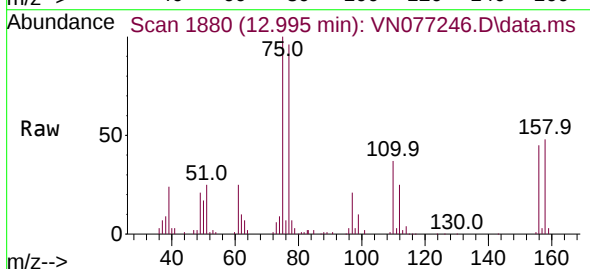
RT: 12.995 min Scan# 1880

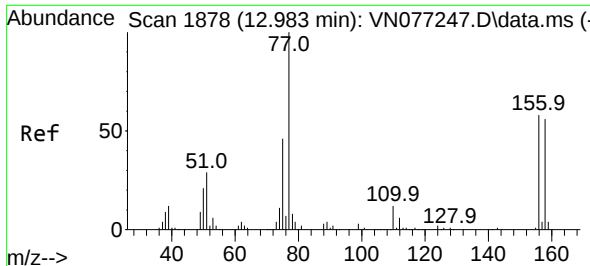
Delta R.T. 0.000 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

Tgt Ion: 75 Resp: 77710
 Ion Ratio Lower Upper
 75 100
 77 176.1 93.7 280.9





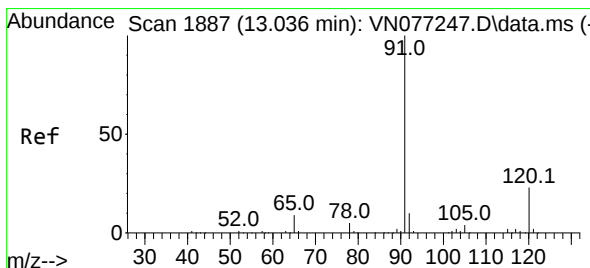
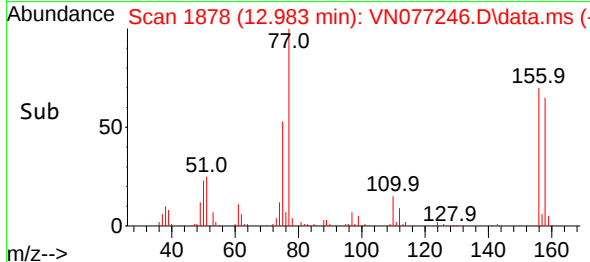
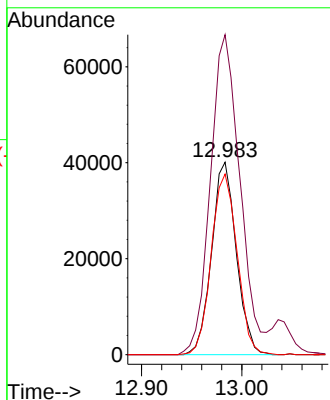
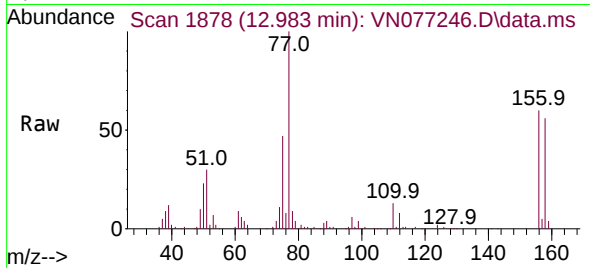
#77
Bromobenzene
Concen: 9.912 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 6863
Ion Ratio Lower Upper
156 100
77 199.3 97.0 291.2
158 98.2 49.1 147.3

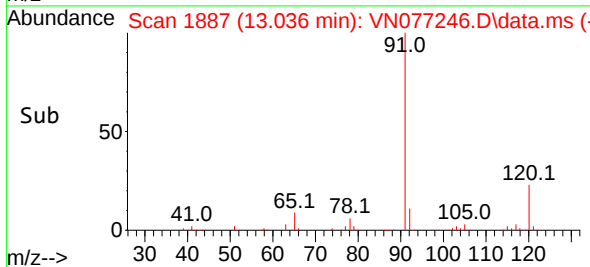
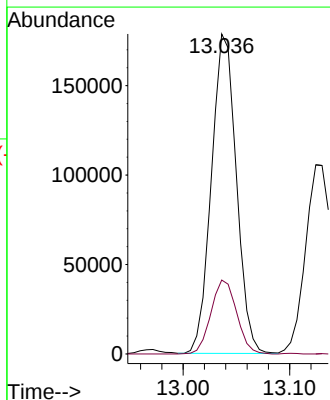
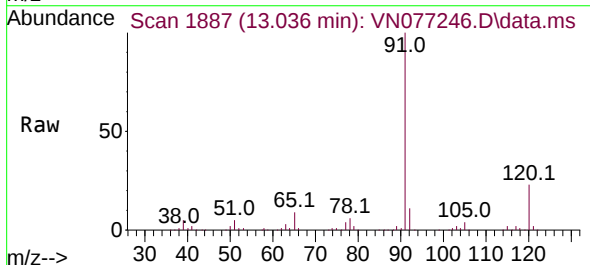
Manual Integrations
APPROVED

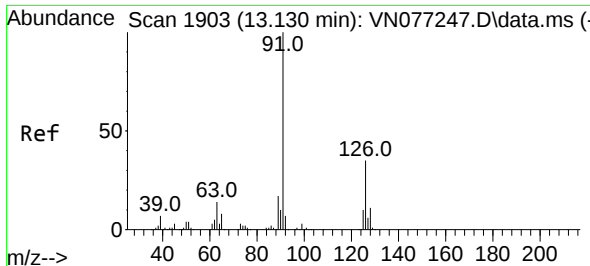
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#78
n-propylbenzene
Concen: 10.182 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Tgt Ion: 91 Resp: 290366
Ion Ratio Lower Upper
91 100
120 23.8 11.7 35.1





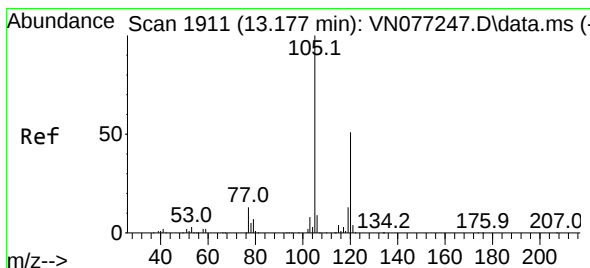
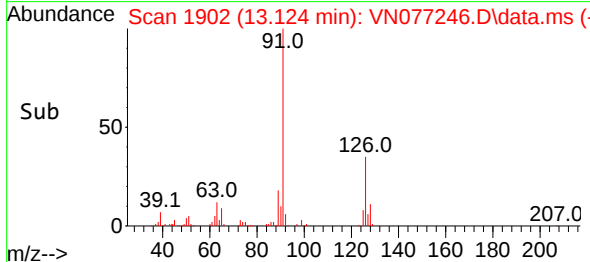
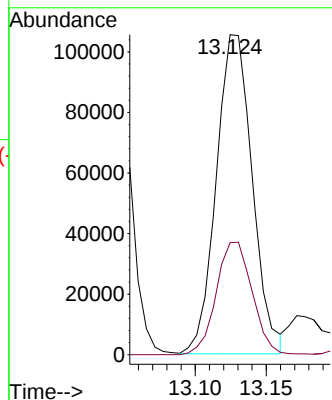
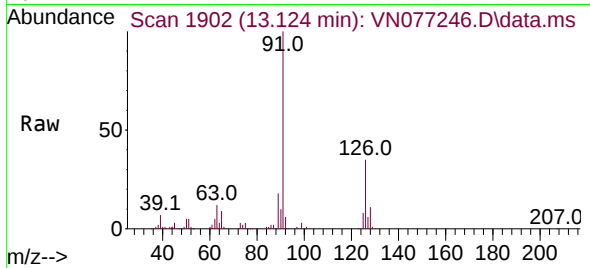
#79
2-Chlorotoluene
Concen: 10.146 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 18611
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.9

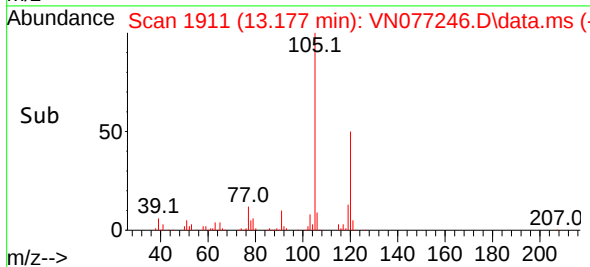
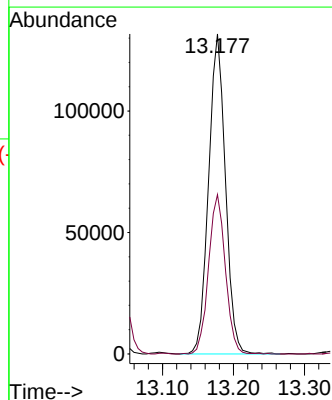
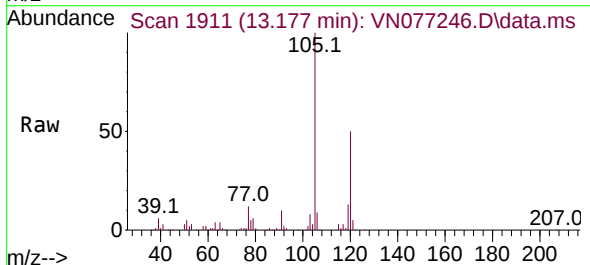
Manual Integrations
APPROVED

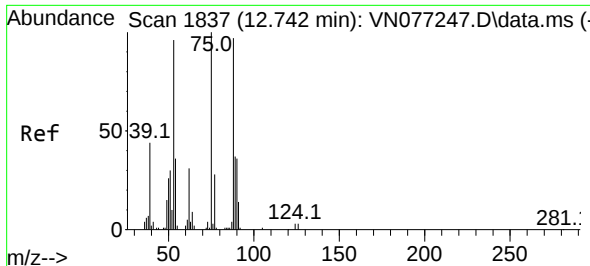
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#80
1,3,5-Trimethylbenzene
Concen: 10.416 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

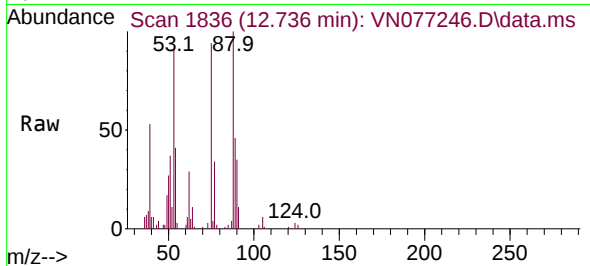
Tgt Ion:105 Resp: 216502
Ion Ratio Lower Upper
105 100
120 49.8 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 10.699 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

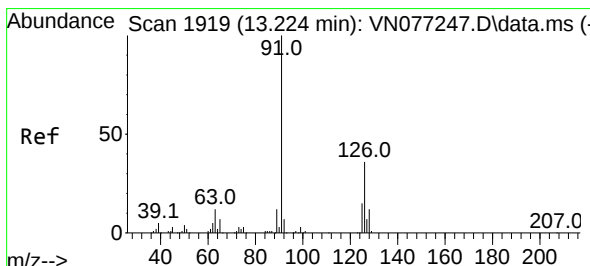
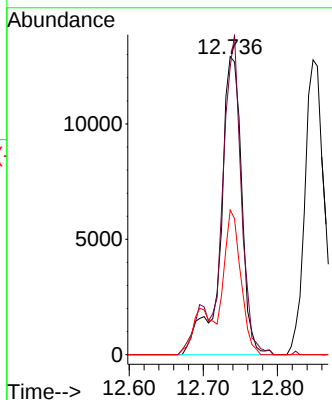
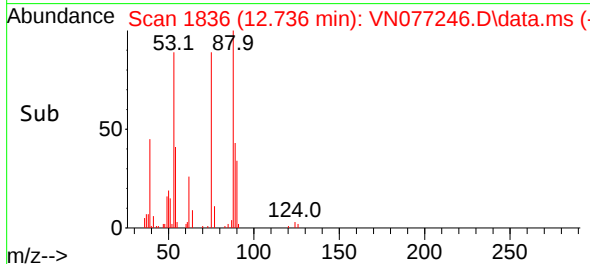
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 25800
Ion Ratio Lower Upper
75 100
53 90.7 74.1 111.1
89 37.8 36.3 54.5

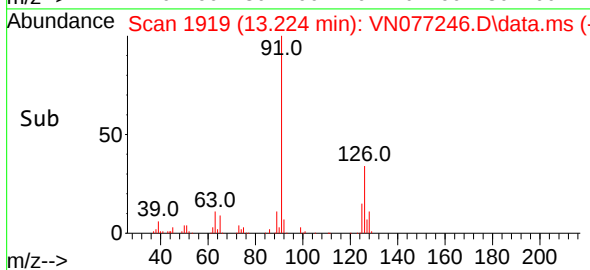
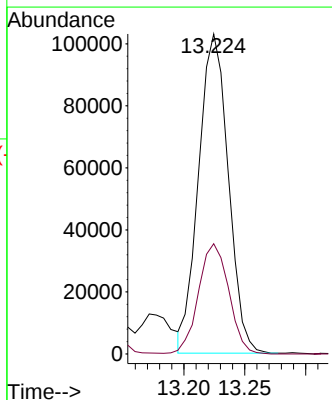
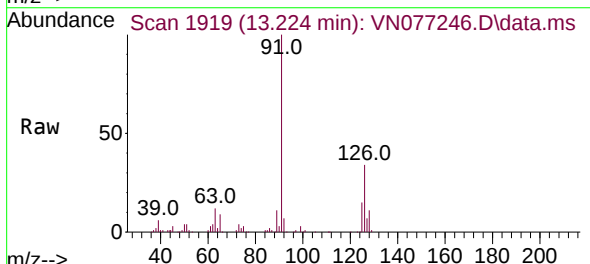
Manual Integrations
APPROVED

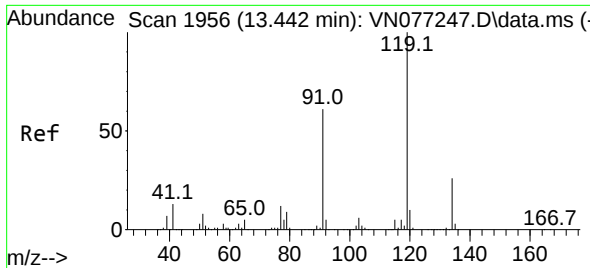
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#82
4-Chlorotoluene
Concen: 10.157 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Tgt Ion: 91 Resp: 175061
Ion Ratio Lower Upper
91 100
126 35.2 17.6 52.8





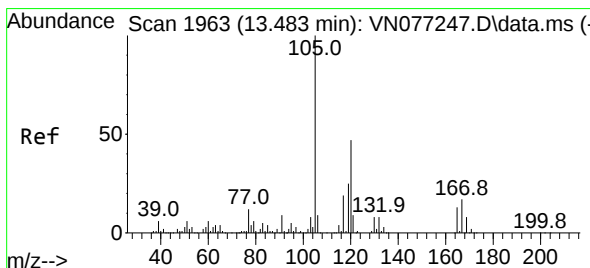
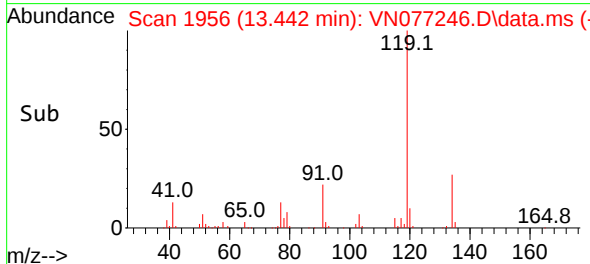
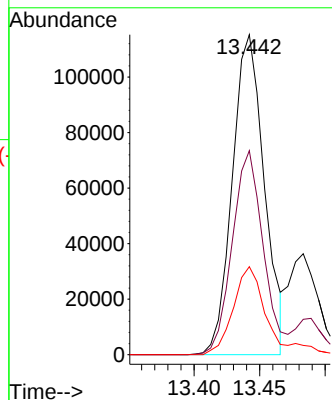
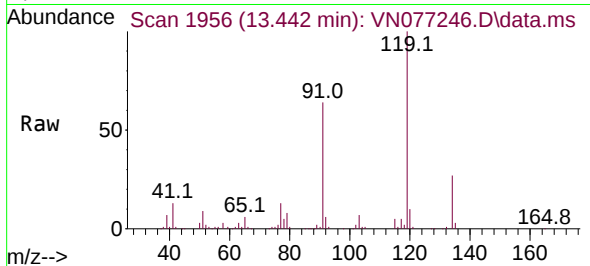
#83
tert-Butylbenzene
Concen: 10.336 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 195738
Ion Ratio Lower Upper
119 100
91 62.1 31.4 94.0
134 26.6 13.7 41.0

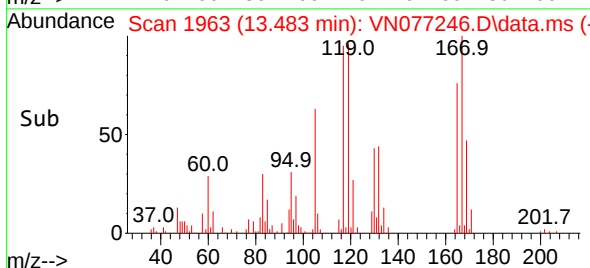
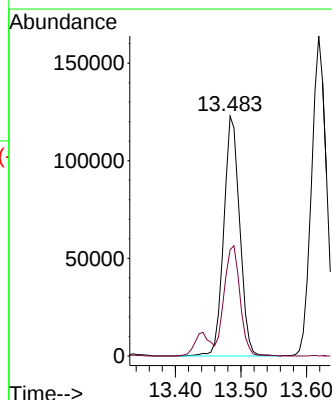
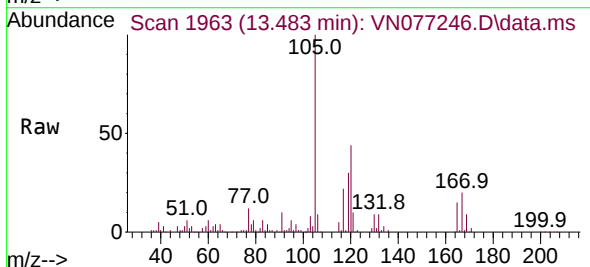
Manual Integrations
APPROVED

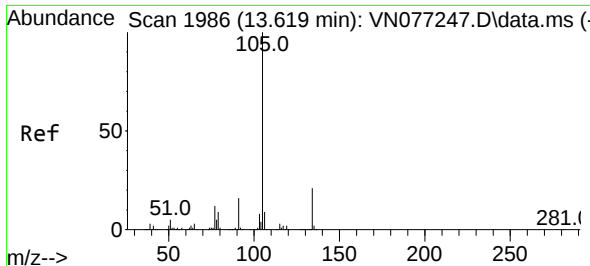
Reviewed By :John Carbone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#84
1,2,4-Trimethylbenzene
Concen: 10.180 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

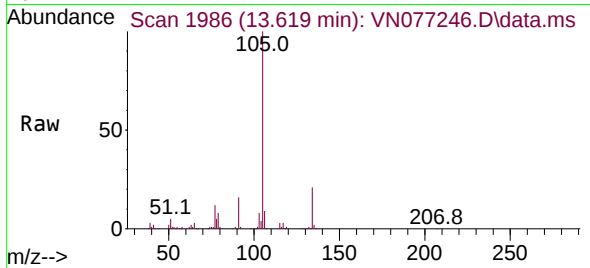
Tgt Ion:105 Resp: 206658
Ion Ratio Lower Upper
105 100
120 45.7 23.4 70.0





#85
 sec-Butylbenzene
 Concen: 10.201 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077246.D
 Acq: 31 Mar 2023 11:09

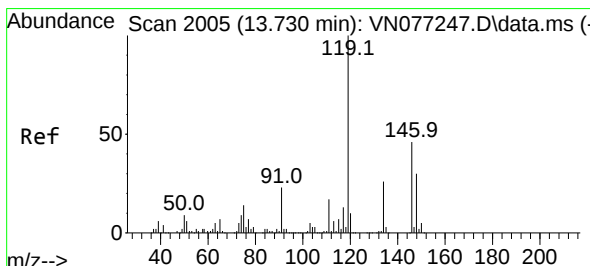
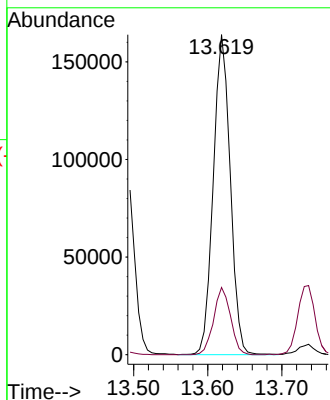
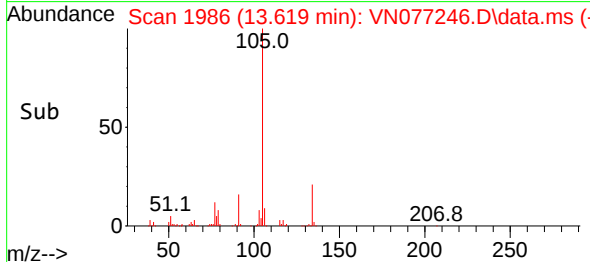
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010



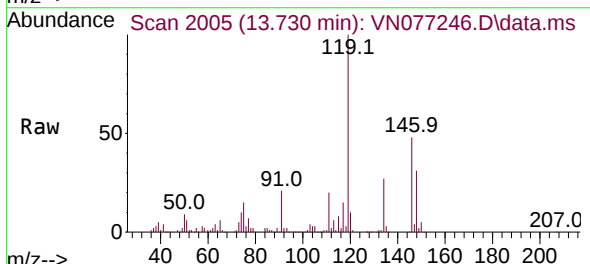
Tgt Ion:105 Resp: 260820
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.2

Manual Integrations
 APPROVED

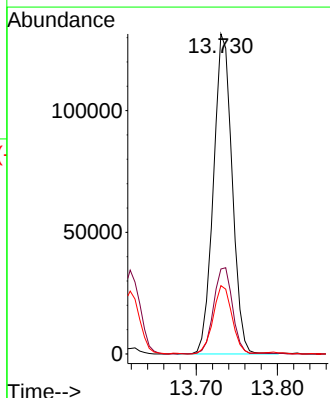
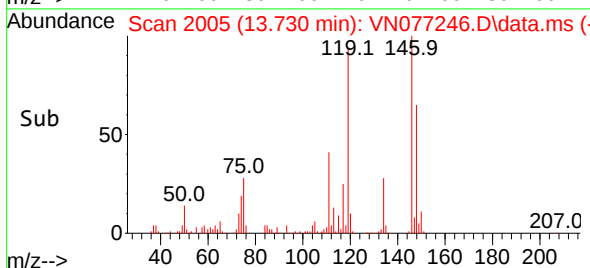
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023

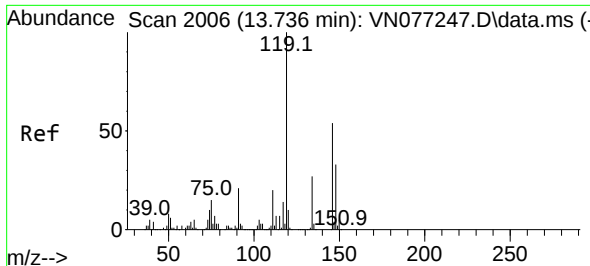


#86
 p-Isopropyltoluene
 Concen: 10.108 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077246.D
 Acq: 31 Mar 2023 11:09



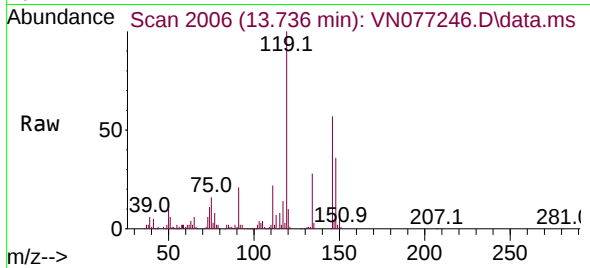
Tgt Ion:119 Resp: 210799
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.5 40.4
 91 21.6 10.9 32.6





#87
1,3-Dichlorobenzene
Concen: 9.915 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

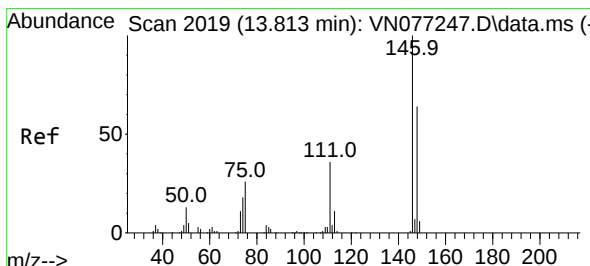
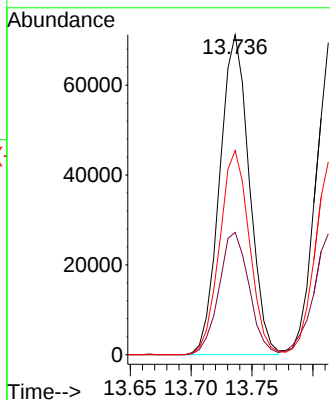
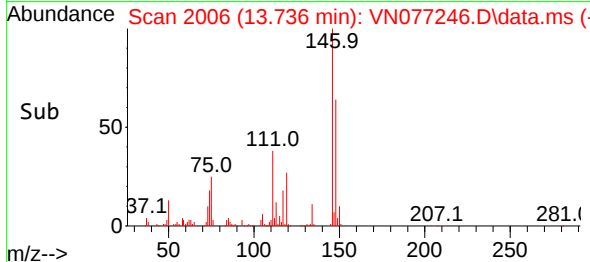
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



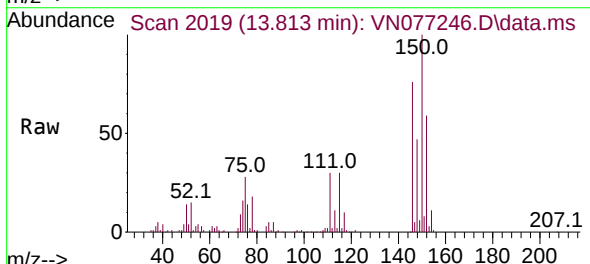
Tgt Ion:146 Resp: 12046
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.1
148 64.3 31.9 95.9

Manual Integrations
APPROVED

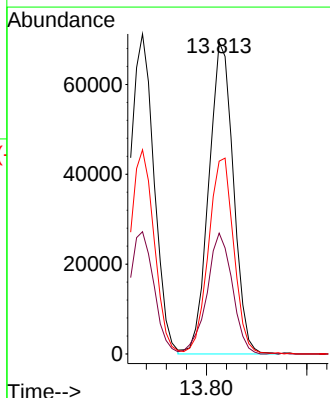
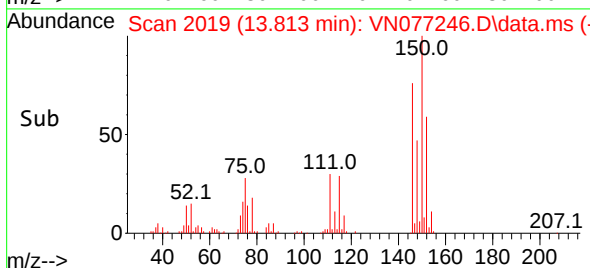
Reviewed By :John Carbone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

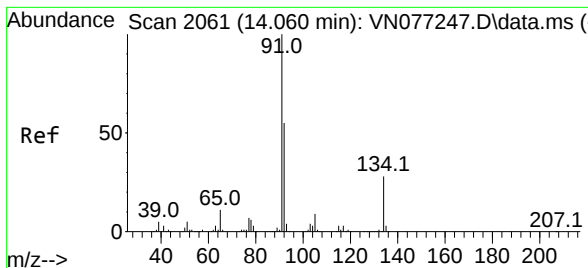


#88
1,4-Dichlorobenzene
Concen: 9.862 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09



Tgt Ion:146 Resp: 118222
Ion Ratio Lower Upper
146 100
111 40.0 18.6 56.0
148 64.6 31.9 95.5





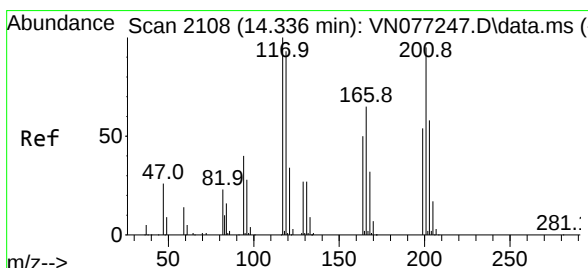
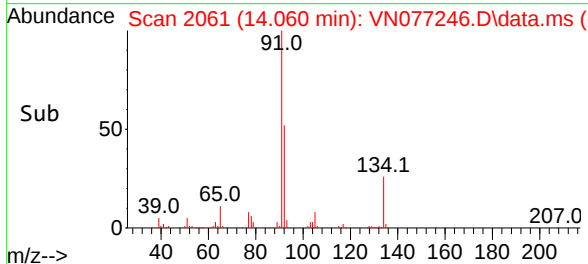
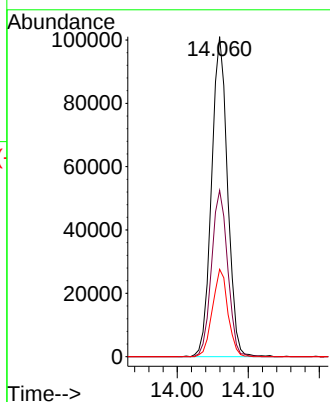
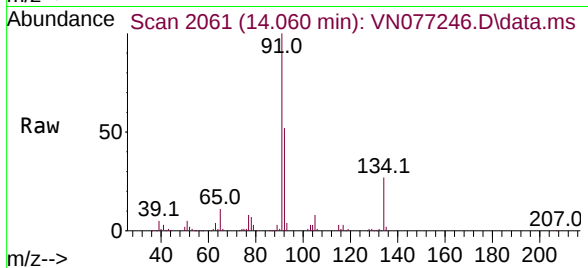
#89
n-Butylbenzene
Concen: 9.461 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 15802
Ion Ratio Lower Upper
91 100
92 52.2 27.0 80.8
134 26.4 13.6 40.7

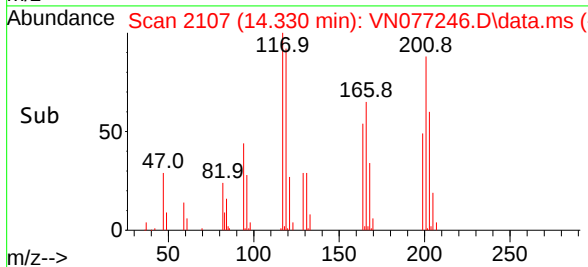
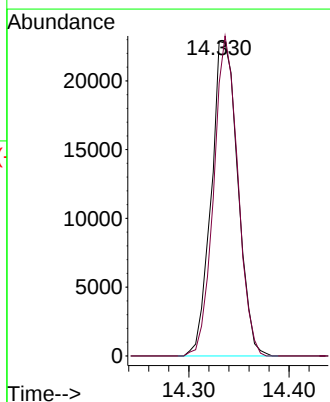
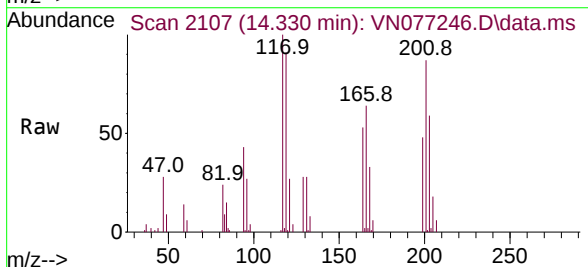
Manual Integrations
APPROVED

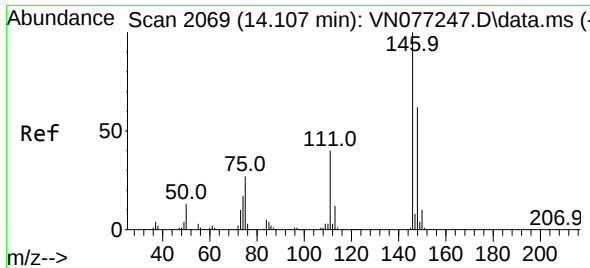
Reviewed By :John Carbone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#90
Hexachloroethane
Concen: 9.676 ug/l
RT: 14.330 min Scan# 2107
Delta R.T. -0.006 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Tgt Ion:117 Resp: 41979
Ion Ratio Lower Upper
117 100
201 92.4 45.1 135.2





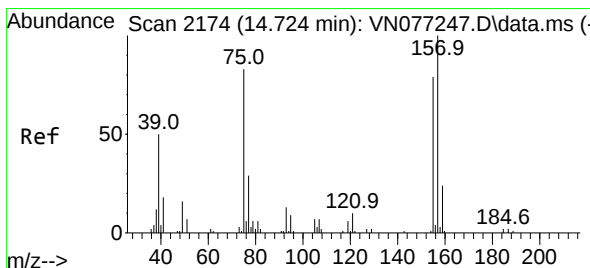
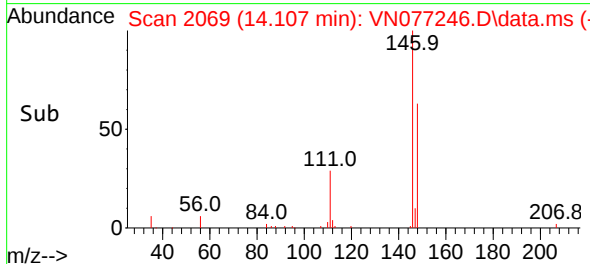
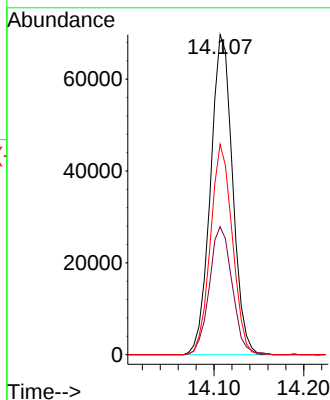
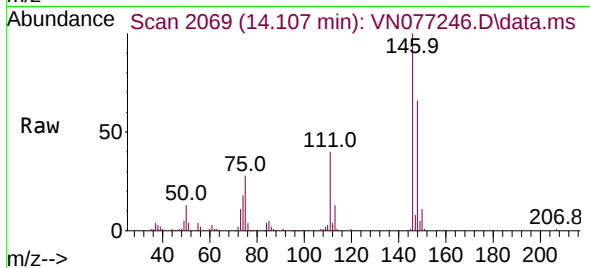
#91
1,2-Dichlorobenzene
Concen: 9.987 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 119174
Ion Ratio Lower Upper
146 100
111 41.1 19.6 58.7
148 65.1 31.8 95.4

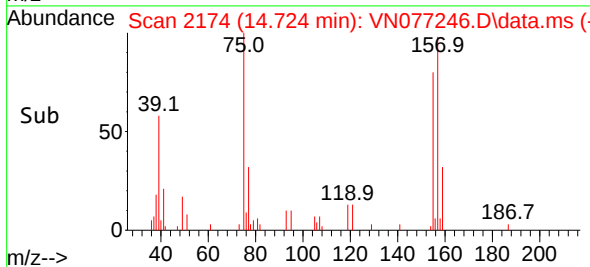
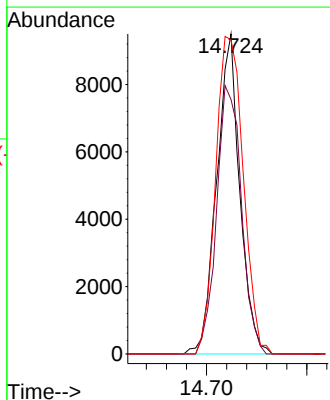
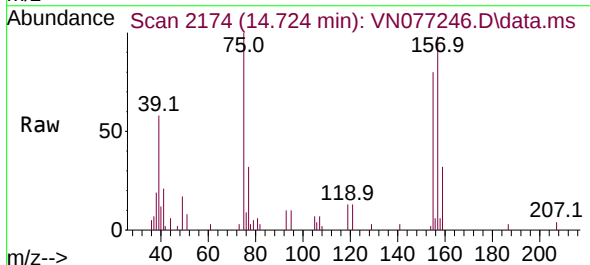
Manual Integrations
APPROVED

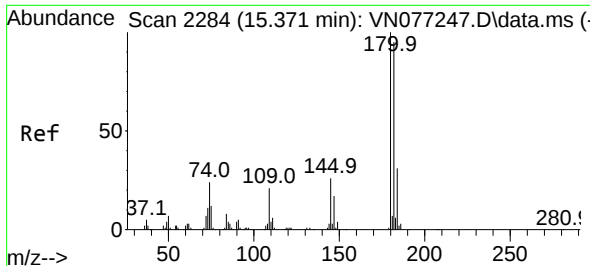
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.115 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

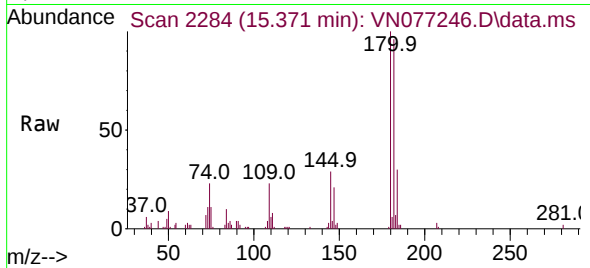
Tgt Ion: 75 Resp: 15197
Ion Ratio Lower Upper
75 100
155 90.0 48.1 144.3
157 118.5 62.2 186.5





#93
1,2,4-Trichlorobenzene
Concen: 8.210 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09

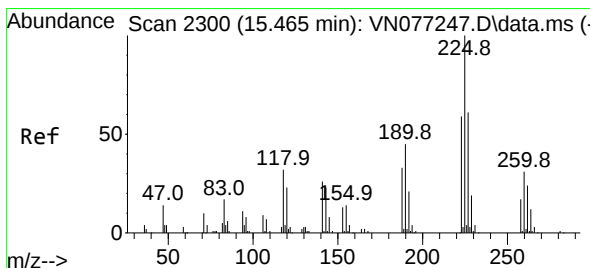
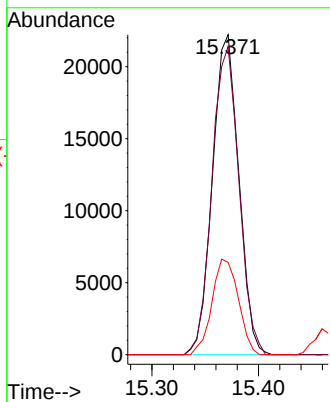
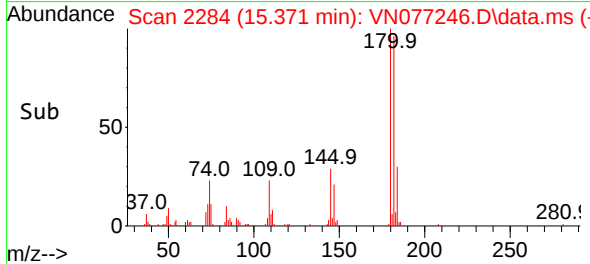
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



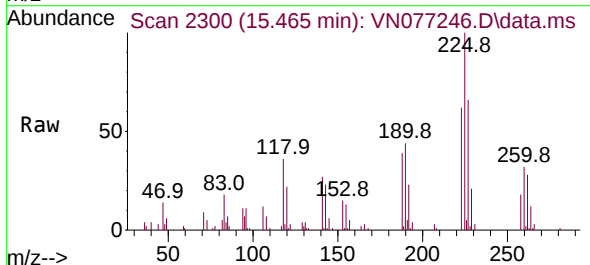
Tgt Ion:180 Resp: 3812
Ion Ratio Lower Upper
180 100
182 98.4 47.9 143.8
145 29.9 13.9 41.6

Manual Integrations
APPROVED

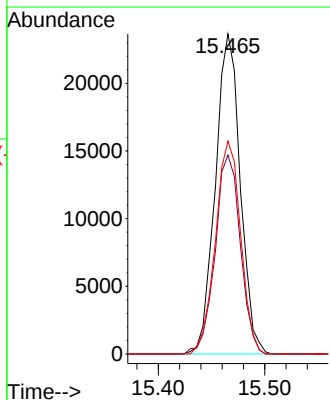
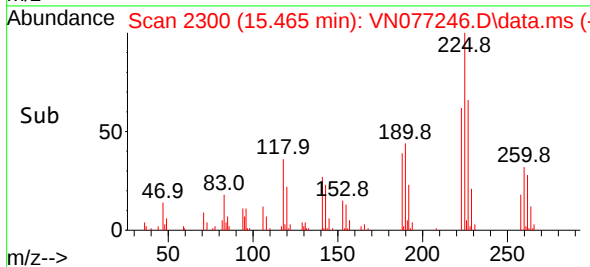
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

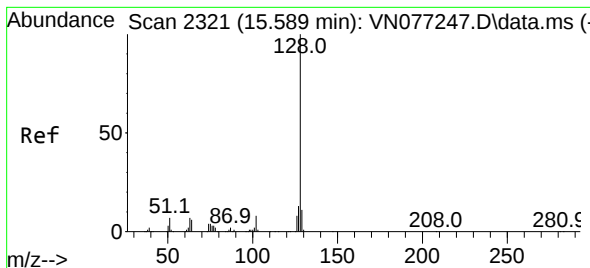


#94
Hexachlorobutadiene
Concen: 9.644 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077246.D
Acq: 31 Mar 2023 11:09



Tgt Ion:225 Resp: 38309
Ion Ratio Lower Upper
225 100
223 63.0 31.1 93.2
227 67.3 32.3 96.8





#95

Naphthalene

Concen: 8.013 ug/l

RT: 15.589 min Scan# 2321

Delta R.T. 0.000 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

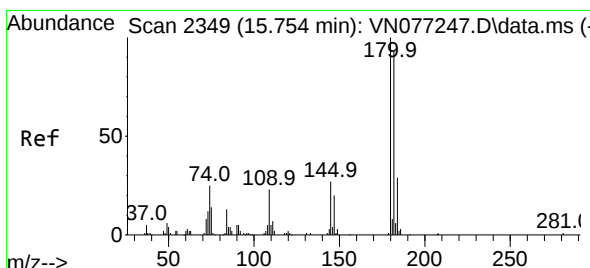
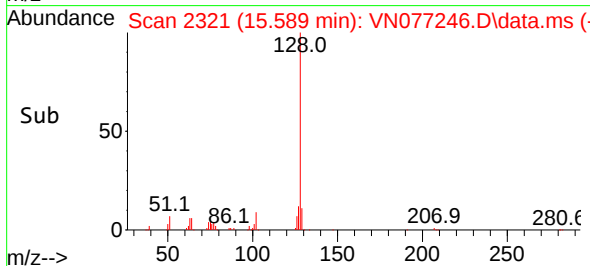
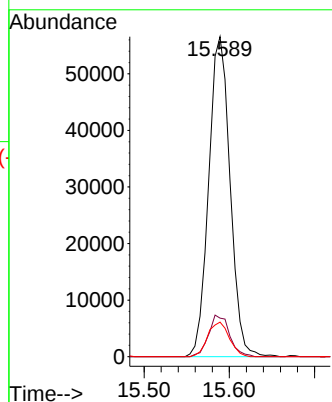
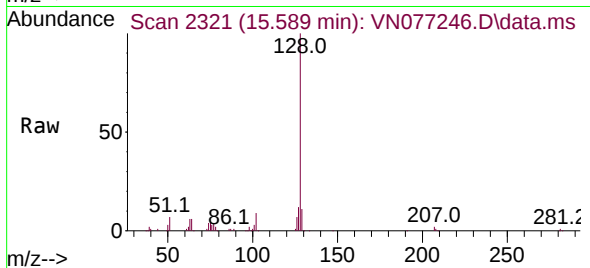
Tgt Ion:	128	Resp:	9892
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.2
129	10.9	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#96

1,2,3-Trichlorobenzene

Concen: 8.680 ug/l

RT: 15.754 min Scan# 2349

Delta R.T. 0.000 min

Lab File: VN077246.D

Acq: 31 Mar 2023 11:09

Tgt Ion:	180	Resp:	39578
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.9	143.8
145	29.2	14.8	44.3

