

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102022\
 Data File : VN074944.D
 Acq On : 20 Oct 2022 16:04
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2022
 Supervised By : Mahesh Dadoda 10/21/2022

Quant Time: Oct 21 03:06:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 03:02:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	489871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	876640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	993378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	773702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	1234082	104.857	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 209.720%#			
35) Dibromofluoromethane	8.171	113	1017772	106.232	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 212.460%#			
50) Toluene-d8	10.571	98	4121205	107.344	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 214.680%#			
62) 4-Bromofluorobenzene	12.853	95	1583959	143.501	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 287.000%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	699873	85.443	ug/l	95
3) Chloromethane	2.371	50	742328	62.162	ug/l	98
4) Vinyl Chloride	2.524	62	1176059	62.401	ug/l	95
5) Bromomethane	2.918	94	850444	46.480	ug/l	99
6) Chloroethane	3.089	64	869352	50.657	ug/l	93
7) Trichlorofluoromethane	3.483	101	1308141	99.846	ug/l	100
8) Diethyl Ether	3.971	74	535805	92.224	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	772334	96.892	ug/l	99
10) Methyl Iodide	4.595	142	1098306	99.228	ug/l	99
11) Tert butyl alcohol	5.547	59	1347441	490.308	ug/l	99
12) 1,1-Dichloroethene	4.342	96	715036	92.434	ug/l	93
13) Acrolein	4.183	56	716171	397.018	ug/l	96
14) Allyl chloride	5.030	41	1169896	82.698	ug/l	97
15) Acrylonitrile	5.730	53	2830006	443.868	ug/l	98
16) Acetone	4.436	43	2296747	420.338	ug/l	99
17) Carbon Disulfide	4.712	76	1506603	88.887	ug/l	99
18) Methyl Acetate	5.036	43	1541351	79.588	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	3255062	108.644	ug/l	96
20) Methylene Chloride	5.283	84	902287	81.676	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	834766	98.725	ug/l	89
22) Diisopropyl ether	6.683	45	2724357	90.165	ug/l	98
23) Vinyl Acetate	6.612	43	11276560m	464.604	ug/l	
24) 1,1-Dichloroethane	6.577	63	1656512	93.713	ug/l	99
25) 2-Butanone	7.494	43	3836212	431.581	ug/l	96
26) 2,2-Dichloropropane	7.500	77	1597477	113.779	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	1087559	101.167	ug/l	99
28) Bromochloromethane	7.818	49	738032	93.049	ug/l	93
29) Tetrahydrofuran	7.841	42	2451106	410.414	ug/l	97
30) Chloroform	7.971	83	1886519	103.546	ug/l	98
31) Cyclohexane	8.259	56	1227604	84.832	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	1689711	109.449	ug/l	98
36) 1,1-Dichloropropene	8.377	75	1266027	96.809	ug/l	99
37) Ethyl Acetate	7.571	43	1468933	83.689	ug/l	100
38) Carbon Tetrachloride	8.365	117	1450434	111.482	ug/l	96
39) Methylcyclohexane	9.600	83	1535150	103.180	ug/l	97
40) Benzene	8.612	78	3877927	92.508	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	762853	82.682	ug/l	98
42) 1,2-Dichloroethane	8.677	62	1426457	101.639	ug/l	97
43) Isopropyl Acetate	8.694	43	2349883	82.785	ug/l	99
44) Trichloroethene	9.359	130	967725	102.197	ug/l	97
45) 1,2-Dichloropropane	9.624	63	994826	87.672	ug/l	98
46) Dibromomethane	9.712	93	752039	103.224	ug/l	100
47) Bromodichloromethane	9.888	83	1519505	103.955	ug/l	100
48) Methyl methacrylate	9.682	41	1047065	82.442	ug/l	98
49) 1,4-Dioxane	9.694	88	613105	2151.733	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	8101672	441.123	ug/l	98
52) Toluene	10.630	92	2776109	107.594	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	1718037	114.552	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	1719926	106.278	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	1138594	106.580	ug/l	95
56) Ethyl methacrylate	10.877	69	1824488	107.308	ug/l	95
57) 1,3-Dichloropropane	11.165	76	1879126	99.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	3646677	522.618	ug/l	98
59) 2-Hexanone	11.200	43	6142053	454.723	ug/l	98
60) Dibromochloromethane	11.359	129	1310545	125.362	ug/l	99
61) 1,2-Dibromoethane	11.471	107	1186068	114.518	ug/l	99
64) Tetrachloroethene	11.106	164	758801	91.865	ug/l	96
65) Chlorobenzene	11.894	112	2971058	105.348	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	1176335	112.578	ug/l	97
67) Ethyl Benzene	11.965	91	5571516	112.384	ug/l	99
68) m/p-Xylenes	12.071	106	4458005	237.583	ug/l	97
69) o-Xylene	12.400	106	2259595	115.868	ug/l	99
70) Styrene	12.412	104	3886758	128.087	ug/l	99
71) Bromoform	12.582	173	1027619	138.878	ug/l #	98
73) Isopropylbenzene	12.700	105	6025416	87.630	ug/l	100
74) N-amyl acetate	12.494	43	2202671	64.841	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	1991419	74.231	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	1754010m	90.197	ug/l	
77) Bromobenzene	12.982	156	1326551	86.613	ug/l	93
78) n-propylbenzene	13.035	91	6879751	89.164	ug/l	98
79) 2-Chlorotoluene	13.123	91	4106454	93.497	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	5194608	96.610	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	687604m	95.694	ug/l	
82) 4-Chlorotoluene	13.123	91	4106454	93.497	ug/l	100
83) tert-Butylbenzene	13.441	119	4658472	93.110	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	5341994	103.839	ug/l	100
85) sec-Butylbenzene	13.618	105	6764727	99.500	ug/l	99
86) p-Isopropyltoluene	13.729	119	5834062	113.422	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	2834303	110.991	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	2773541	108.187	ug/l	98
89) n-Butylbenzene	14.059	91	4949958	116.246	ug/l	99
90) Hexachloroethane	14.335	117	1020129	94.327	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	2764322	107.359	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	453093	104.908	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	1313618	103.299	ug/l	100
94) Hexachlorobutadiene	15.500	225	591417	90.926	ug/l	99
95) Naphthalene	15.641	128	5099259	107.417	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	1256029	96.845	ug/l	97

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QLast Update : Fri Oct 21 03:02:02 2022
Response via : Initial Calibration

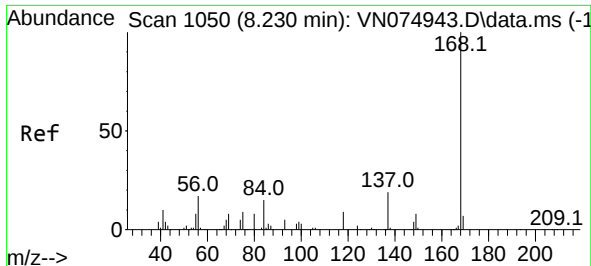
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

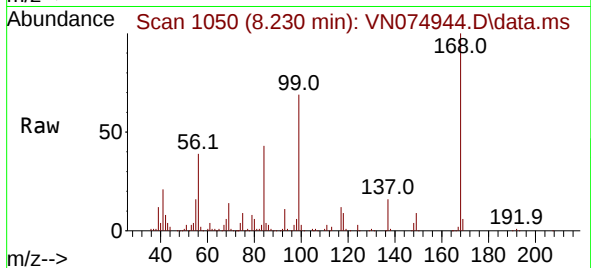
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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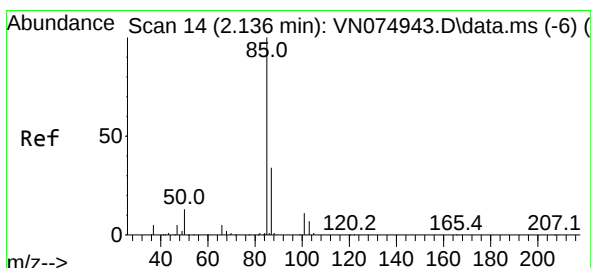
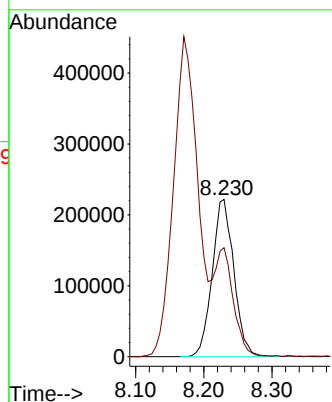
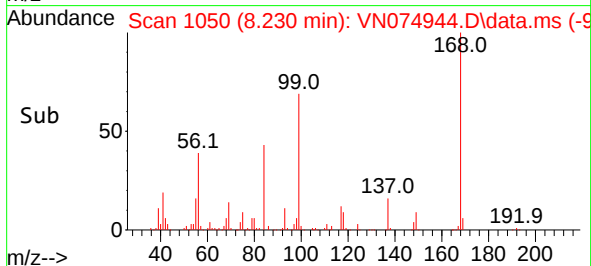
Instrument :
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Tgt Ion:168 Resp: 489873
Ion Ratio Lower Upper
168 100
99 69.0 52.2 78.4

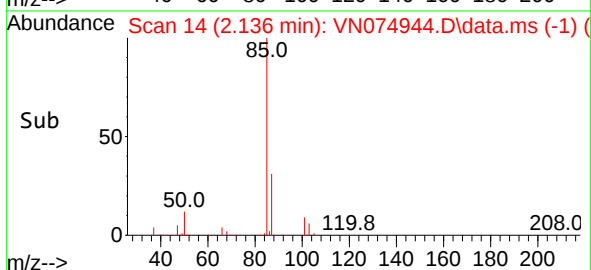
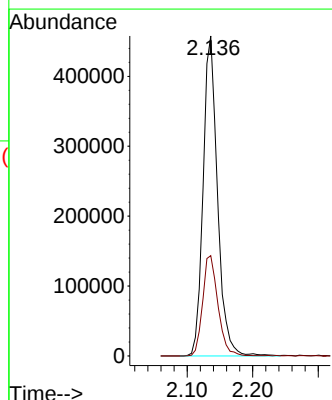
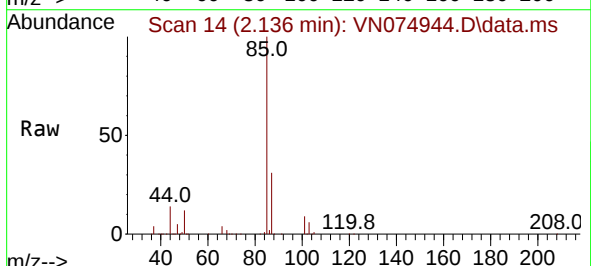
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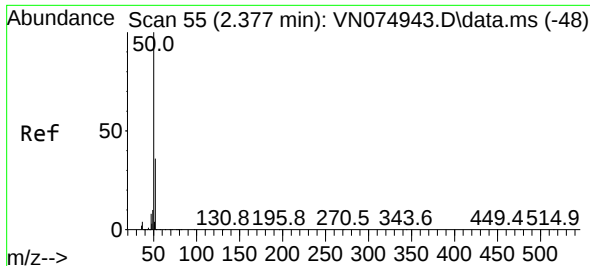
Reviewed By :John Carlone 10/21/2022
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#2
Dichlorodifluoromethane
Concen: 85.443 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Tgt Ion: 85 Resp: 699873
Ion Ratio Lower Upper
85 100
87 31.4 17.1 51.2





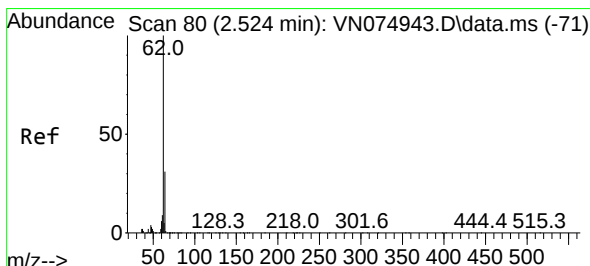
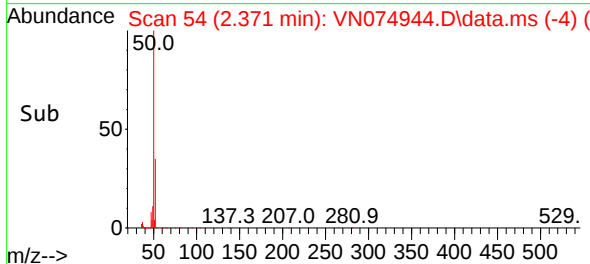
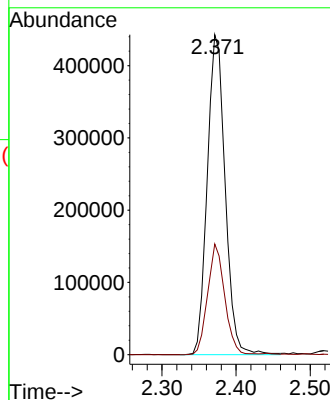
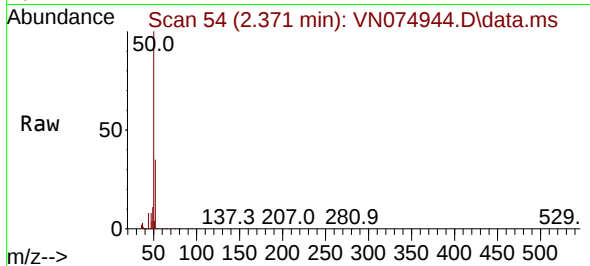
#3
Chloromethane
Concen: 62.162 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 742328
Ion Ratio Lower Upper
50 100
52 34.6 28.8 43.2

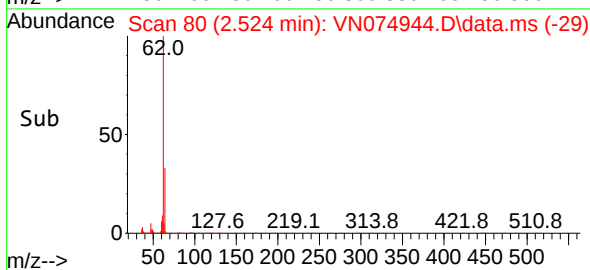
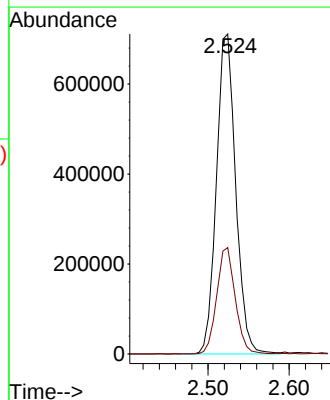
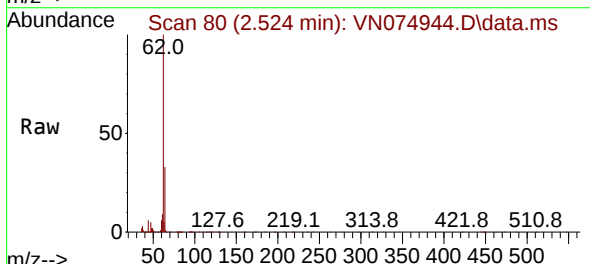
Manual Integrations
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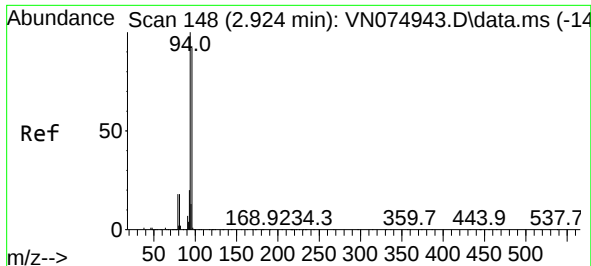
Reviewed By :John Carlone 10/21/2022
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#4
Vinyl Chloride
Concen: 62.401 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

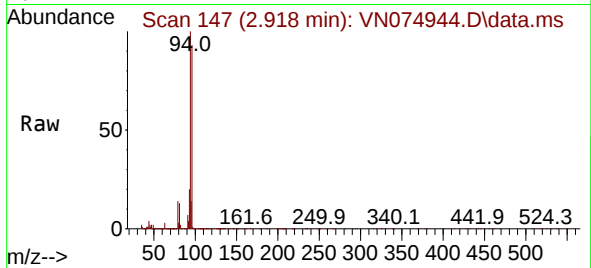
Tgt Ion: 62 Resp: 1176059
Ion Ratio Lower Upper
62 100
64 33.2 24.5 36.7





#5
Bromomethane
Concen: 46.480 ug/l
RT: 2.918 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

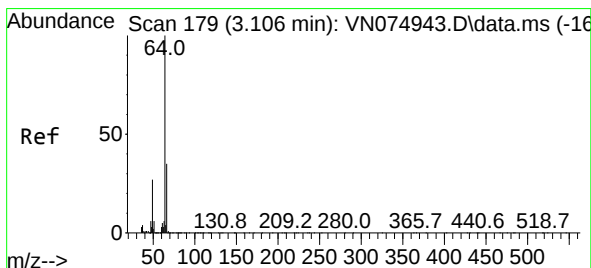
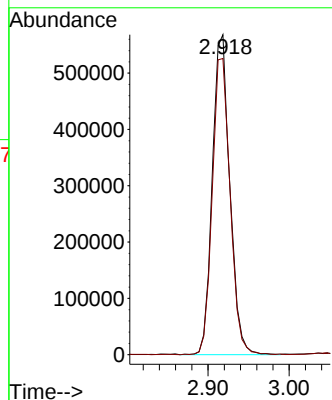
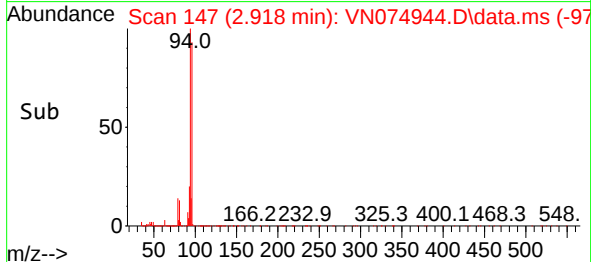
Instrument :
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Tgt Ion: 94 Resp: 850444
Ion Ratio Lower Upper
94 100
96 92.6 73.5 110.3

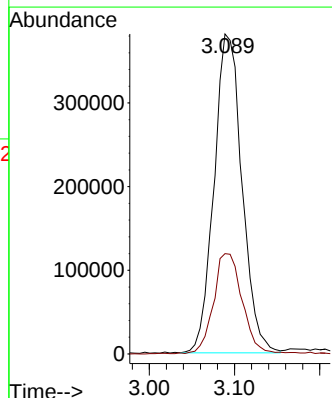
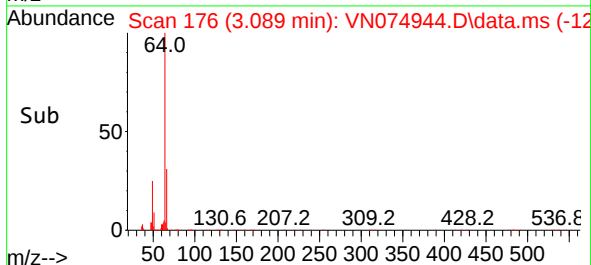
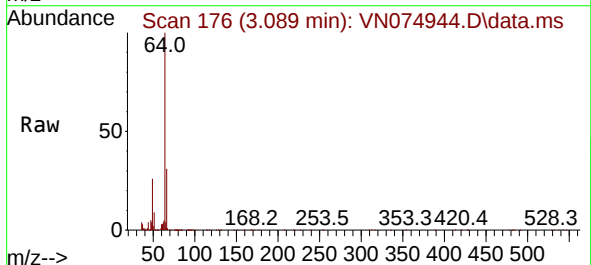
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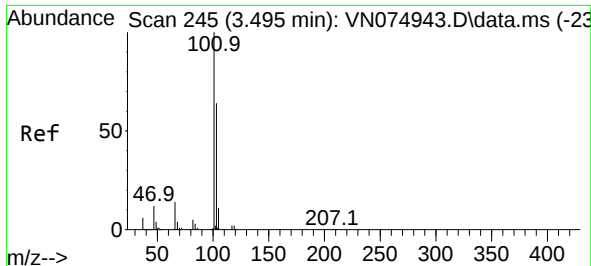
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#6
Chloroethane
Concen: 50.657 ug/l
RT: 3.089 min Scan# 176
Delta R.T. -0.018 min
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Acq: 20 Oct 2022 16:04

Tgt Ion: 64 Resp: 869352
Ion Ratio Lower Upper
64 100
66 31.1 27.9 41.9





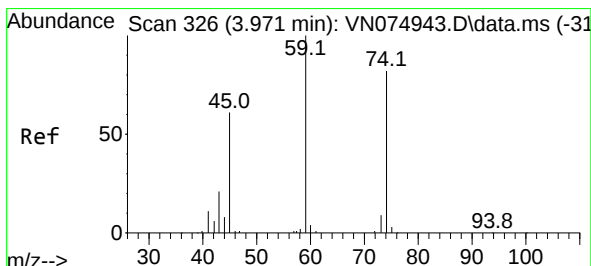
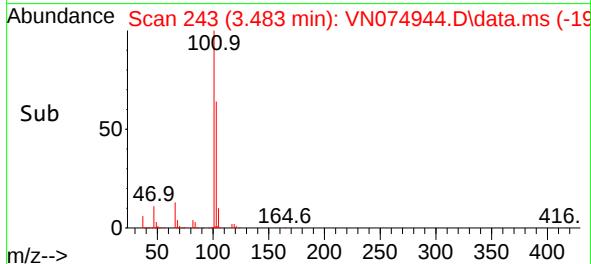
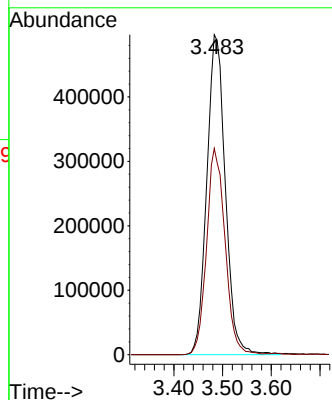
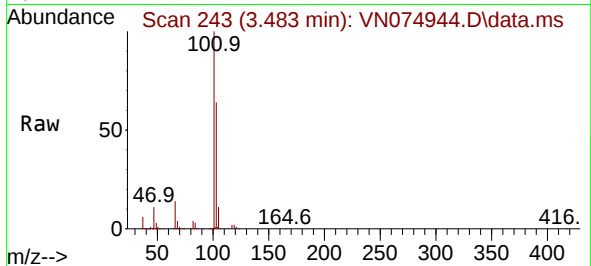
#7
Trichlorofluoromethane
Concen: 99.846 ug/l
RT: 3.483 min Scan# 245
Delta R.T. -0.012 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Instrument :
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ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 130814
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

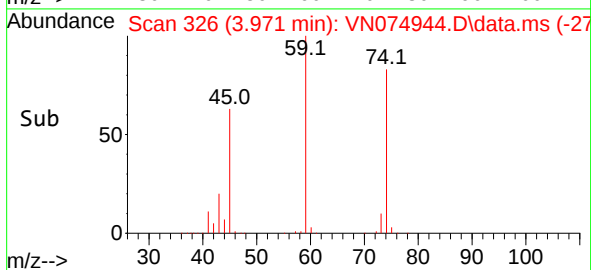
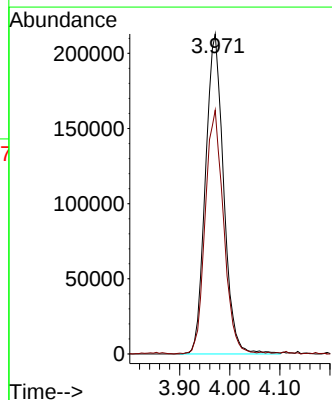
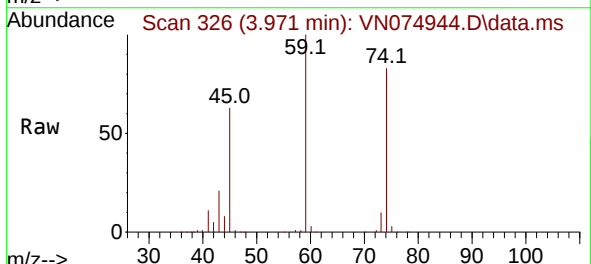
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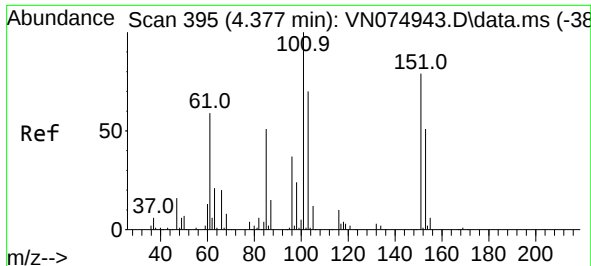
Reviewed By :John Carlone 10/21/2022
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#8
Diethyl Ether
Concen: 92.224 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Tgt Ion: 74 Resp: 535805
Ion Ratio Lower Upper
74 100
45 77.2 40.1 120.3





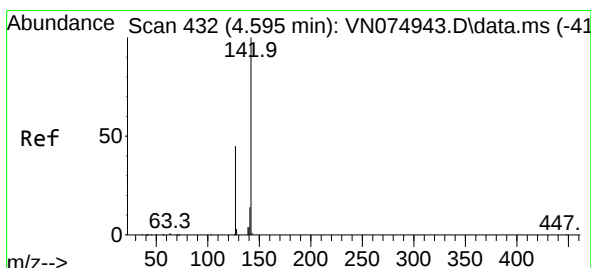
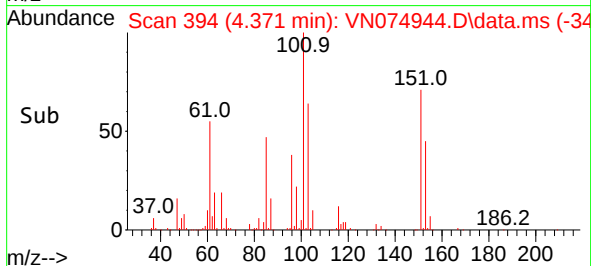
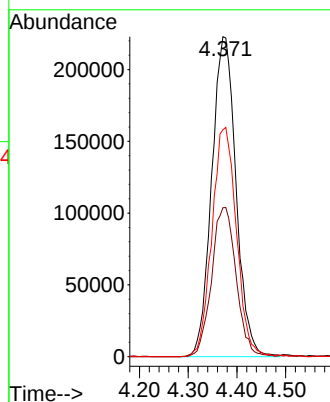
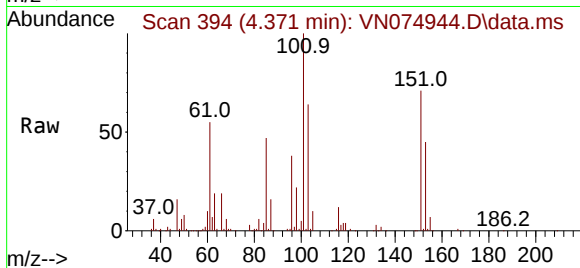
#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.892 ug/l
RT: 4.371 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 772334
Ion Ratio Lower Upper
101 100
85 47.1 37.8 56.8
151 72.2 58.5 87.7

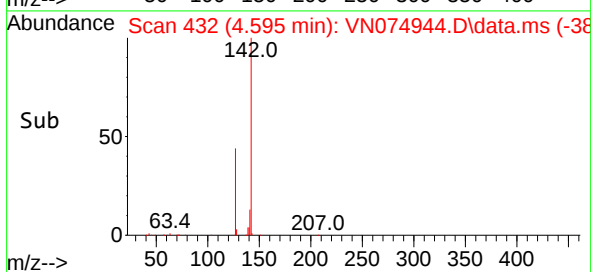
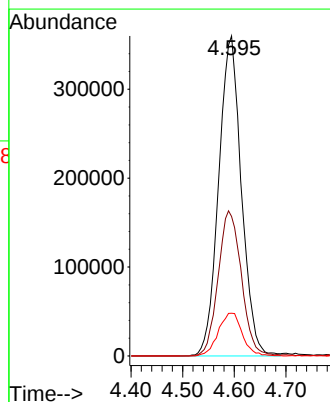
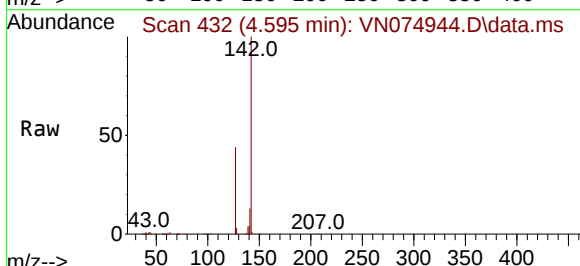
Manual Integrations
APPROVED

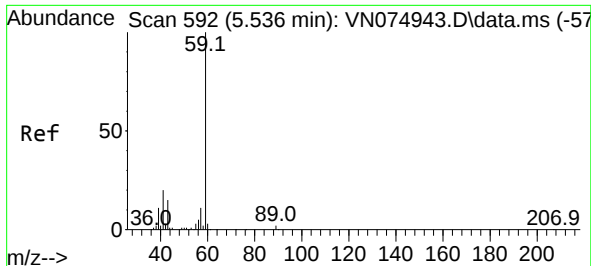
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#10
Methyl Iodide
Concen: 99.228 ug/l
RT: 4.595 min Scan# 432
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Tgt Ion:142 Resp: 1098306
Ion Ratio Lower Upper
142 100
127 46.6 37.0 55.4
141 14.2 11.4 17.0





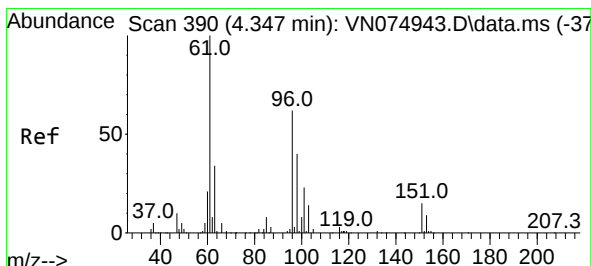
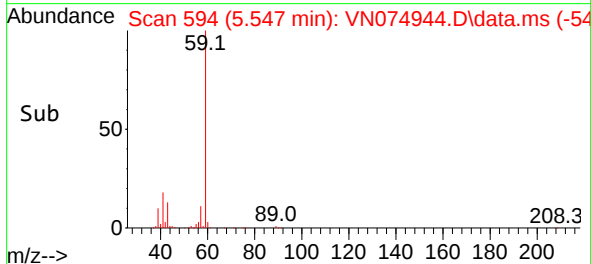
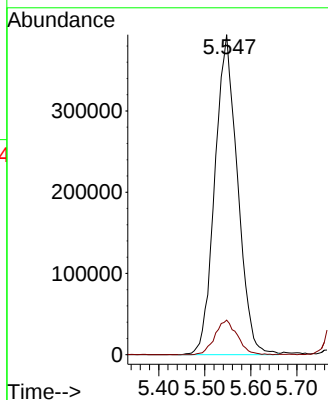
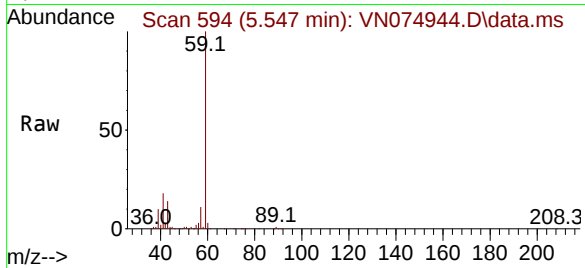
#11
Tert butyl alcohol
Concen: 490.308 ug/l
RT: 5.547 min Scan# 59
Delta R.T. 0.012 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 134744
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

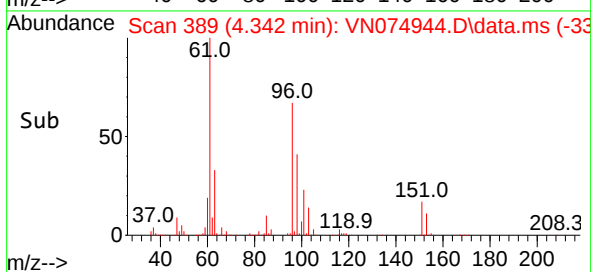
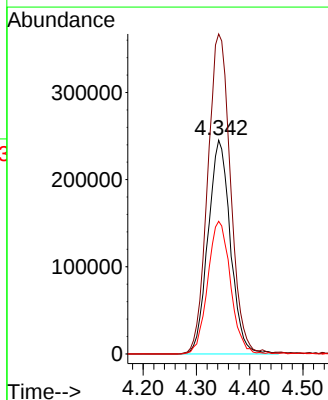
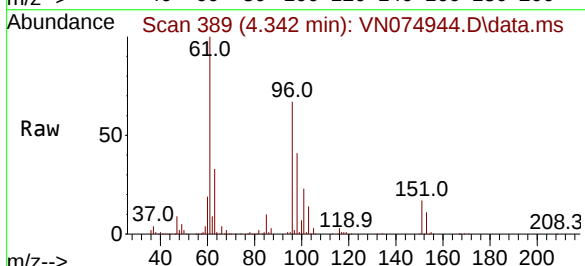
Manual Integrations
APPROVED

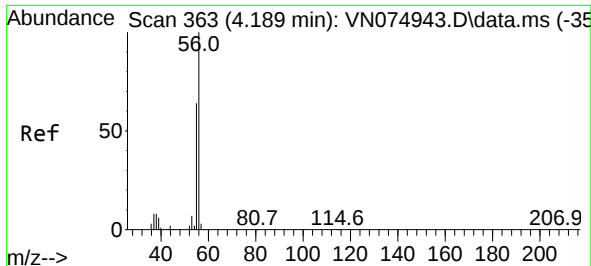
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#12
1,1-Dichloroethene
Concen: 92.434 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

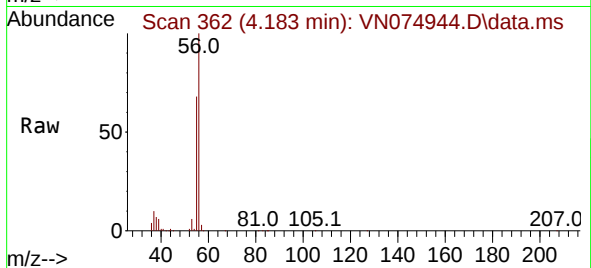
Tgt Ion: 96 Resp: 715036
Ion Ratio Lower Upper
96 100
61 149.7 128.9 193.3
98 62.1 51.8 77.8





#13
Acrolein
Concen: 397.018 ug/l
RT: 4.183 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

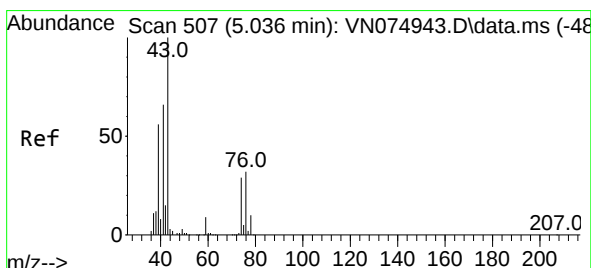
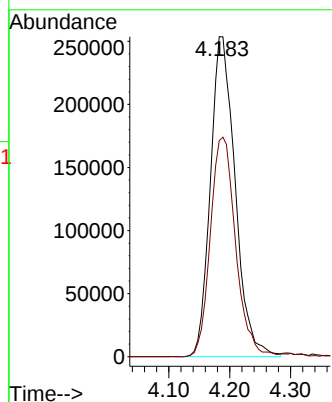
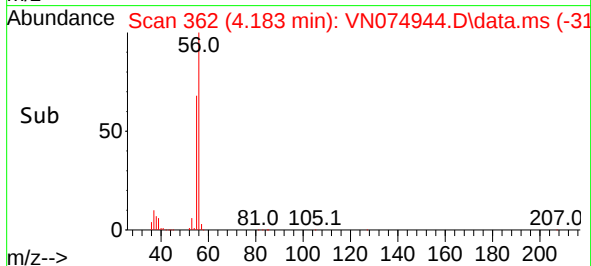
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 71617
Ion Ratio Lower Upper
56 100
55 69.9 53.7 80.5

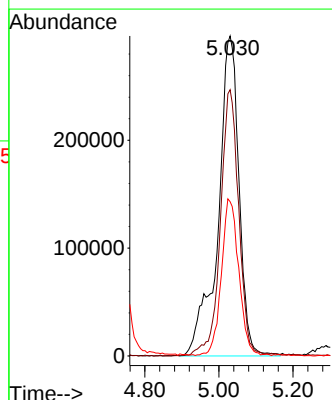
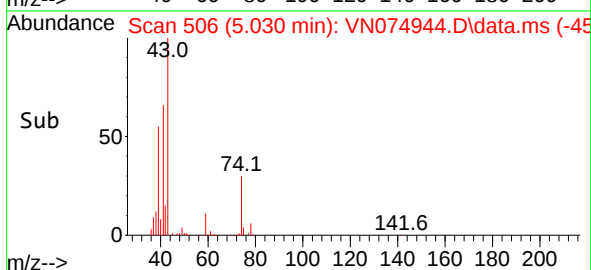
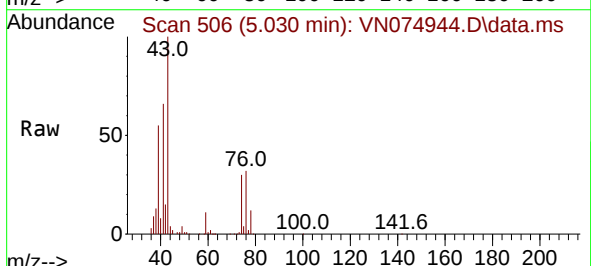
Manual Integrations
APPROVED

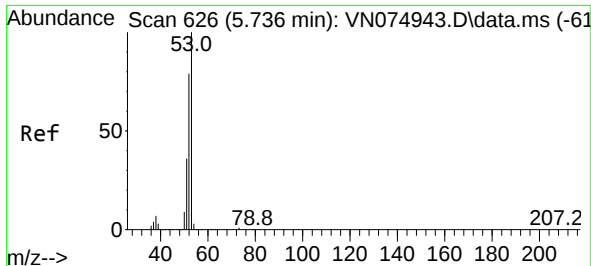
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#14
Allyl chloride
Concen: 82.698 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

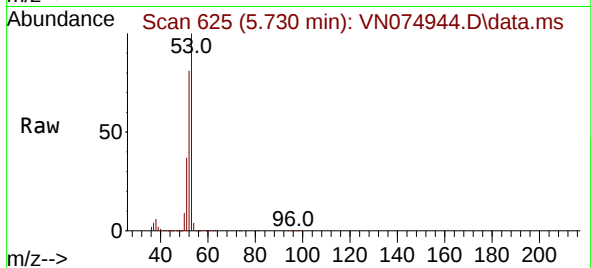
Tgt Ion: 41 Resp: 1169896
Ion Ratio Lower Upper
41 100
39 72.0 60.0 90.0
76 40.3 33.7 50.5





#15
Acrylonitrile
Concen: 443.868 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

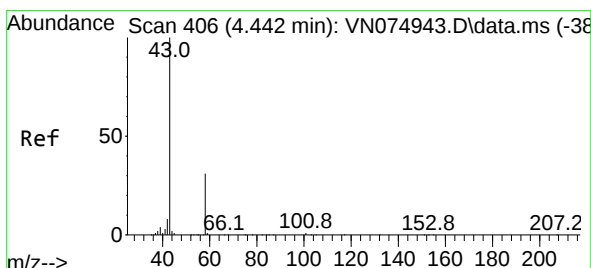
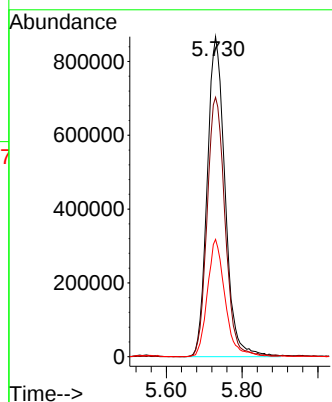
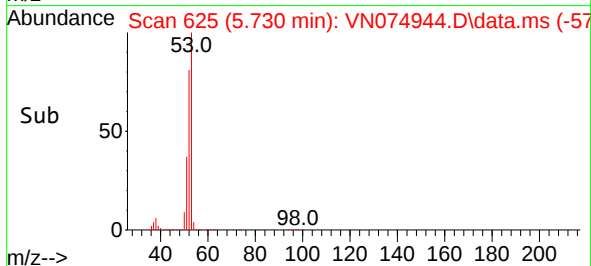
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 283000
Ion Ratio Lower Upper
53 100
52 81.4 66.7 100.1
51 36.5 28.8 43.2

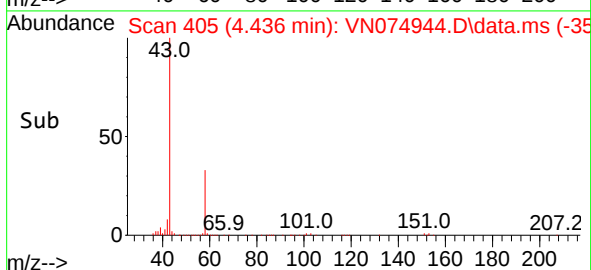
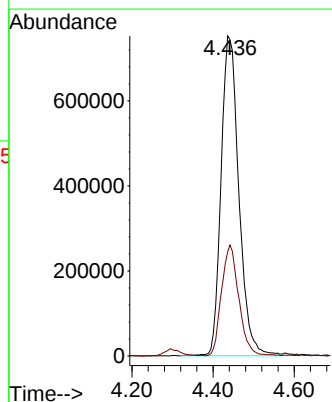
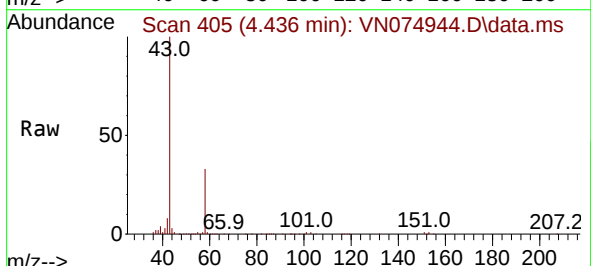
Manual Integrations
APPROVED

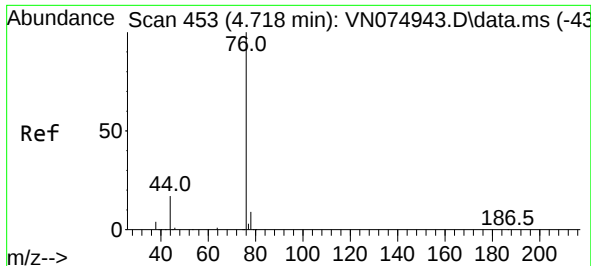
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#16
Acetone
Concen: 420.338 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Tgt Ion: 43 Resp: 2296747
Ion Ratio Lower Upper
43 100
58 32.4 25.7 38.5





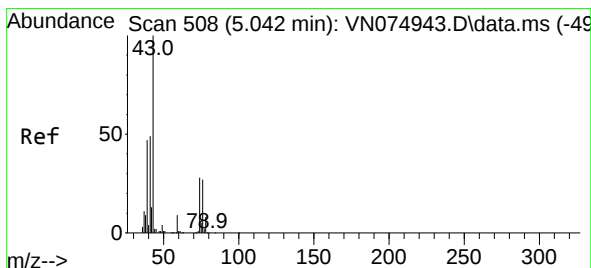
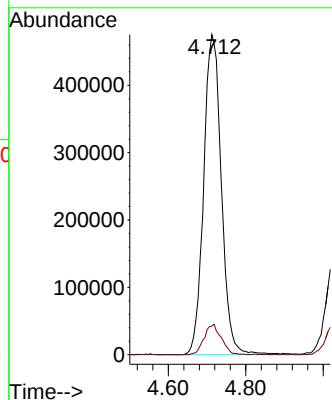
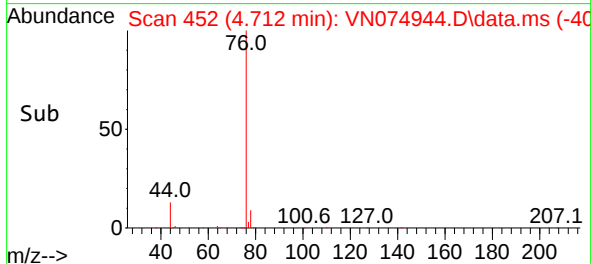
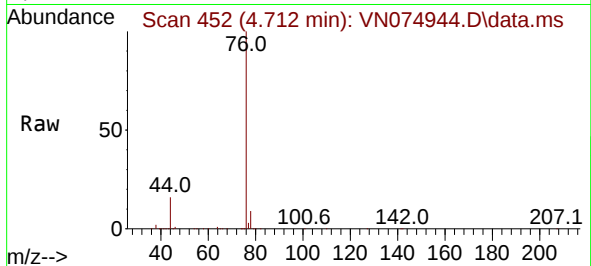
#17
Carbon Disulfide
Concen: 88.887 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 150660
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

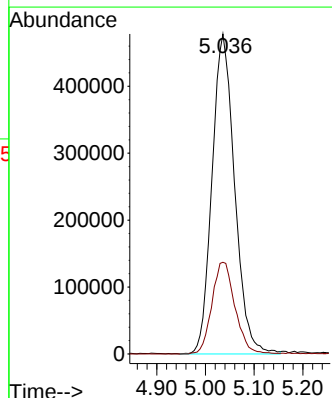
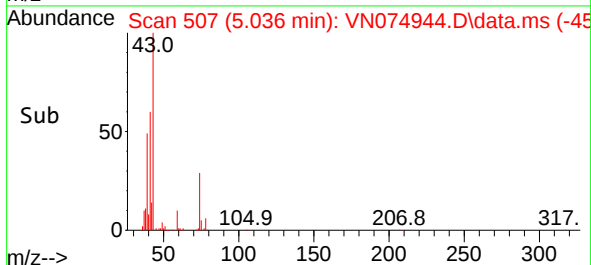
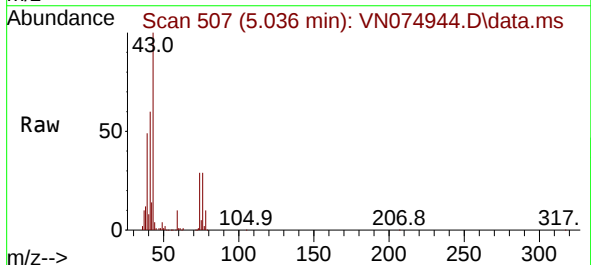
Manual Integrations
APPROVED

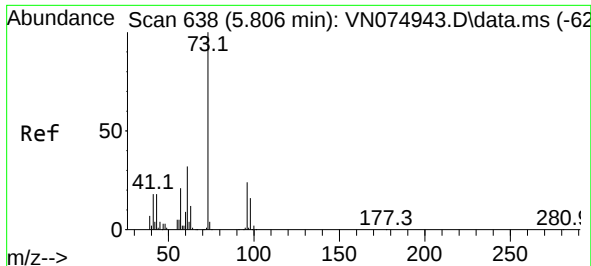
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#18
Methyl Acetate
Concen: 79.588 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

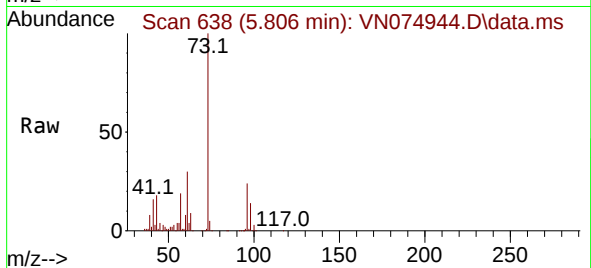
Tgt Ion: 43 Resp: 1541351
Ion Ratio Lower Upper
43 100
74 29.1 23.1 34.7





#19
Methyl tert-butyl Ether
Concen: 108.644 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

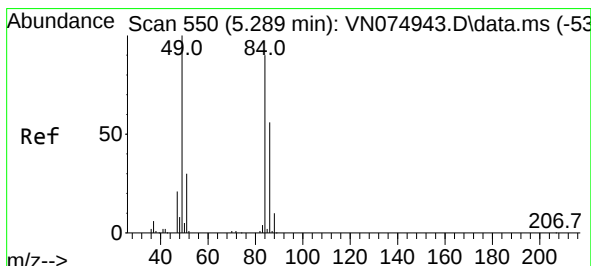
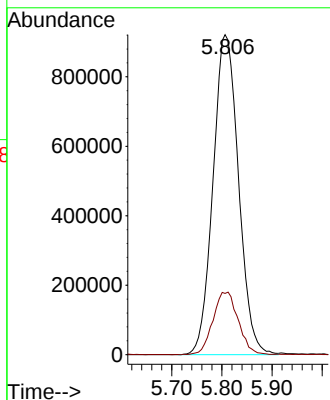
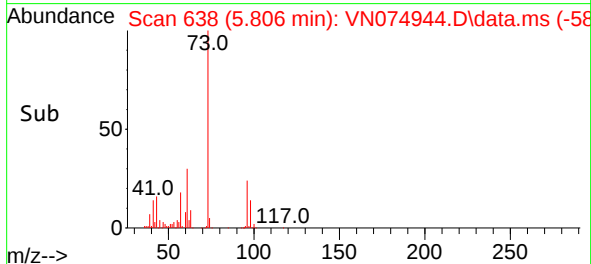
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 73 Resp: 325506
Ion Ratio Lower Upper
73 100
57 19.1 16.9 25.3

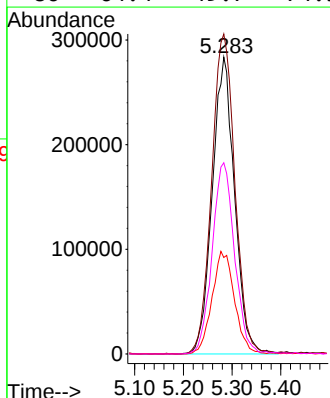
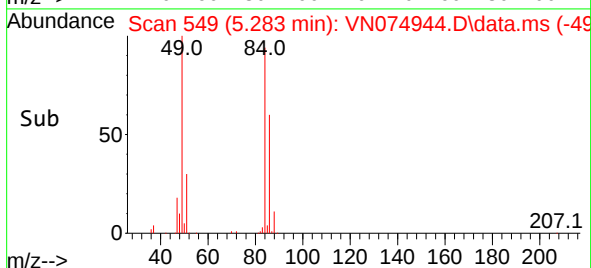
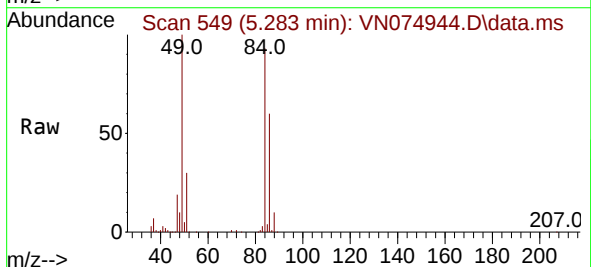
Manual Integrations
APPROVED

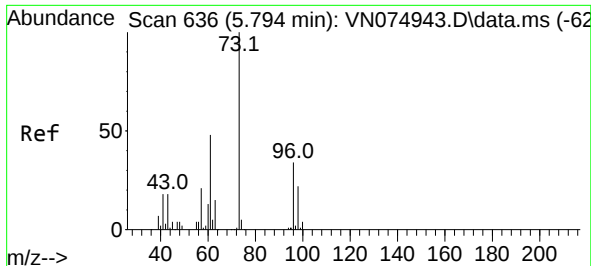
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#20
Methylene Chloride
Concen: 81.676 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

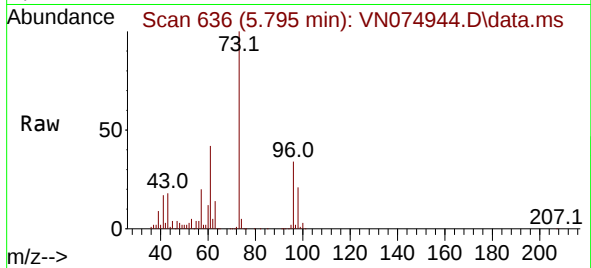
Tgt Ion: 84 Resp: 902287
Ion Ratio Lower Upper
84 100
49 107.8 88.6 133.0
51 32.5 26.7 40.1
86 64.4 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 98.725 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

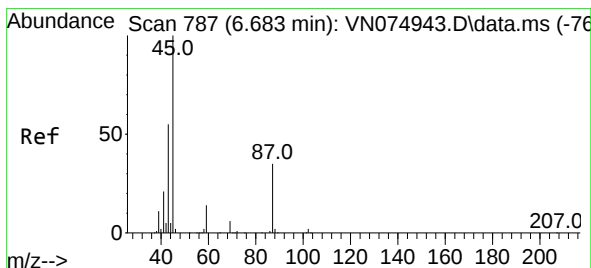
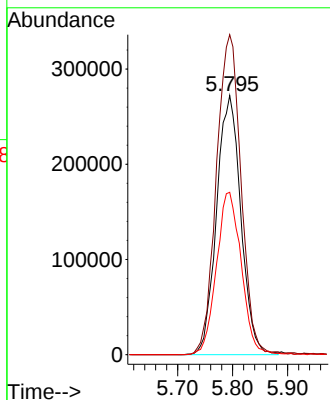
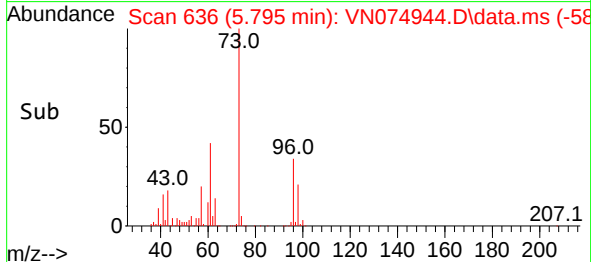
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 834760
Ion Ratio Lower Upper
96 100
61 123.5 112.6 169.0
98 62.7 52.4 78.6

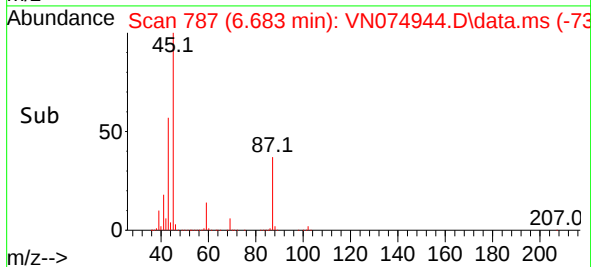
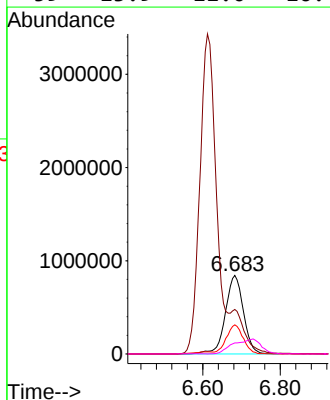
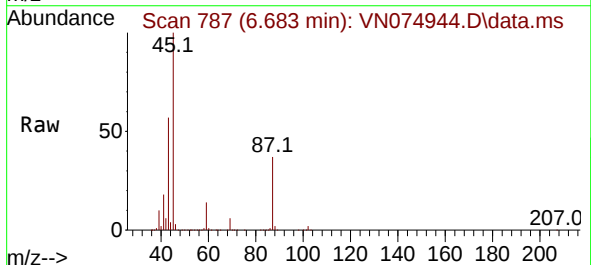
Manual Integrations
APPROVED

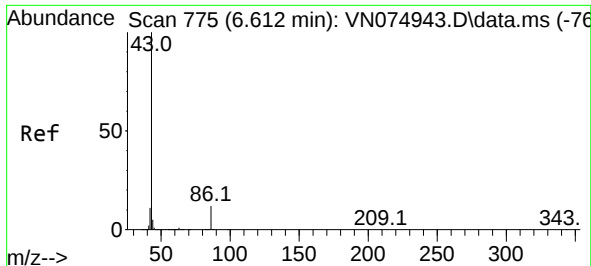
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#22
Diisopropyl ether
Concen: 90.165 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

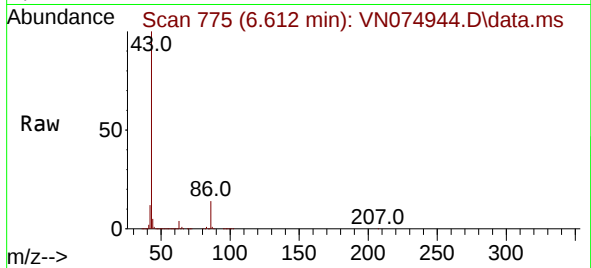
Tgt Ion: 45 Resp: 2724357
Ion Ratio Lower Upper
45 100
43 56.5 44.9 67.3
87 37.0 28.0 42.0
59 13.9 11.0 16.4





#23
 Vinyl Acetate
 Concen: 464.604 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN074944.D
 Acq: 20 Oct 2022 16:04

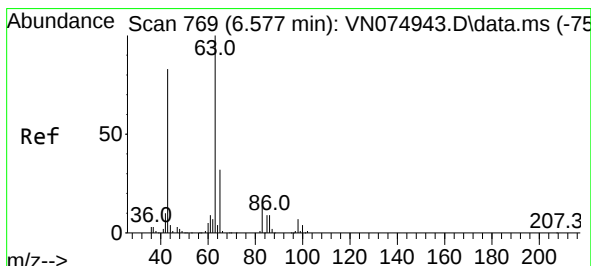
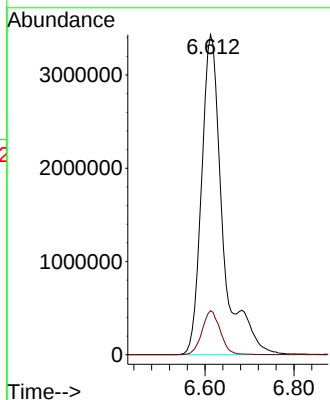
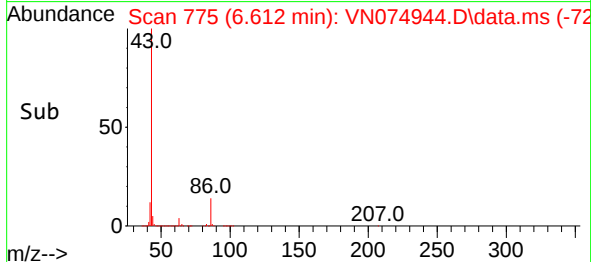
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



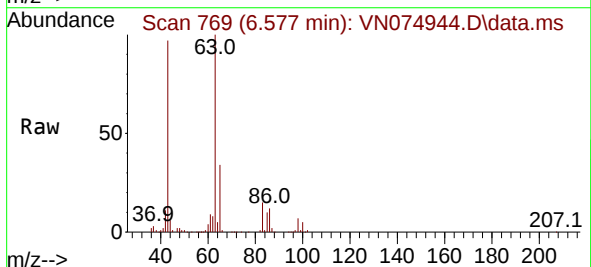
Tgt Ion: 43 Resp: 11276560
 Ion Ratio Lower Upper
 43 100
 86 13.8 9.4 14.0

Manual Integrations
 APPROVED

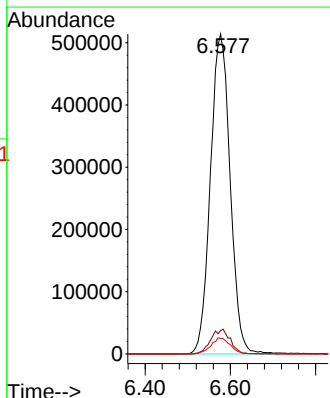
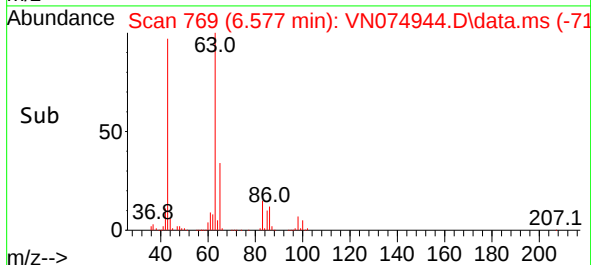
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022

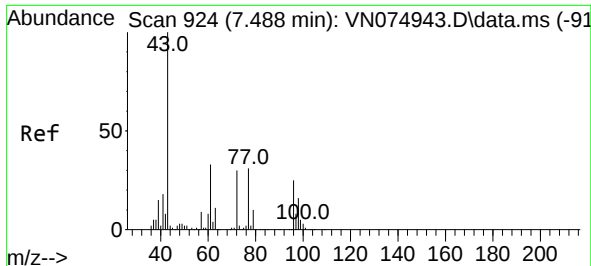


#24
 1,1-Dichloroethane
 Concen: 93.713 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN074944.D
 Acq: 20 Oct 2022 16:04



Tgt Ion: 63 Resp: 1656512
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 4.9 2.0 6.0





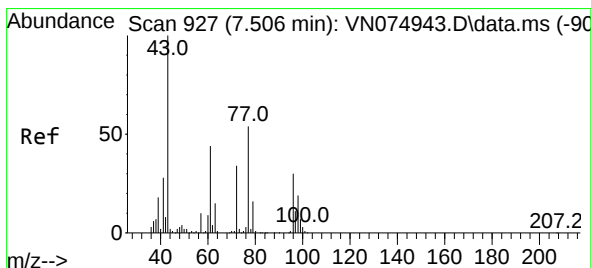
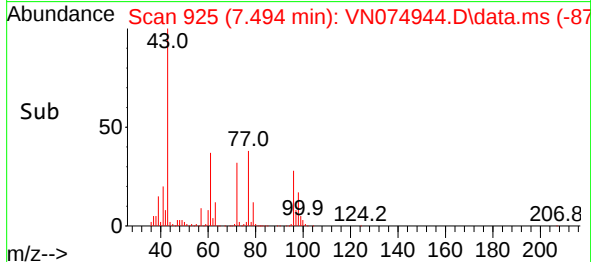
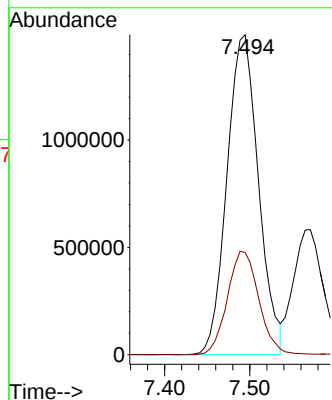
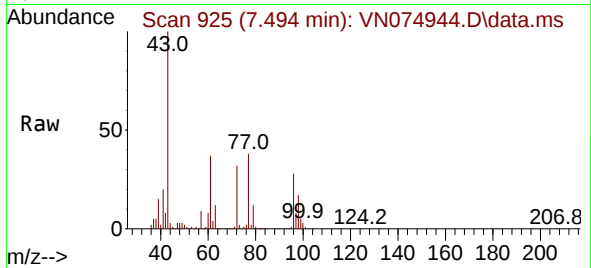
#25
2-Butanone
Concen: 431.581 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 383621
Ion Ratio Lower Upper
43 100
72 32.0 23.9 35.9

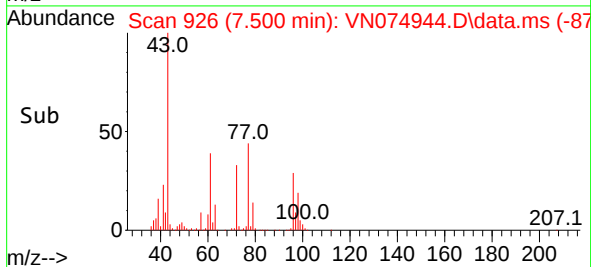
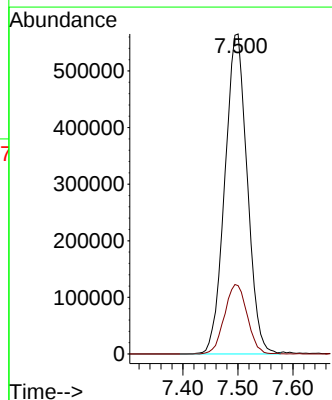
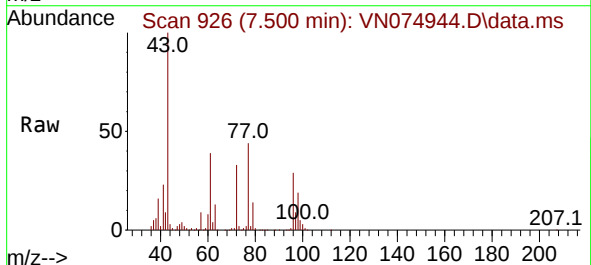
Manual Integrations
APPROVED

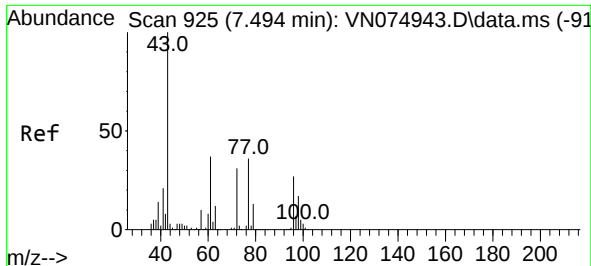
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#26
2,2-Dichloropropane
Concen: 113.779 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

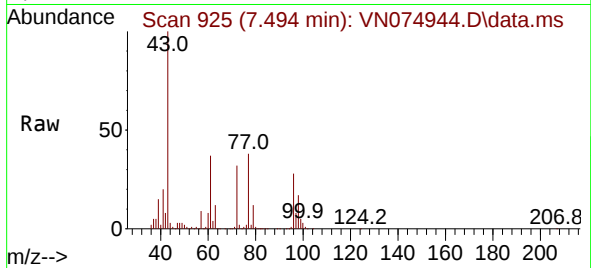
Tgt Ion: 77 Resp: 1597477
Ion Ratio Lower Upper
77 100
97 22.1 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 101.167 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN074944.D
 Acq: 20 Oct 2022 16:04

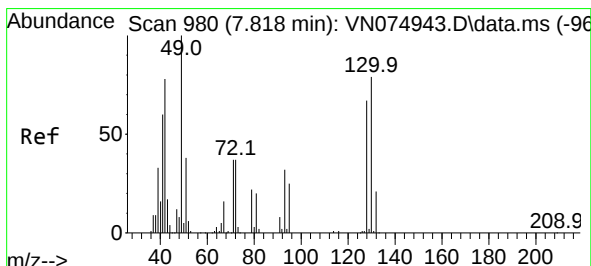
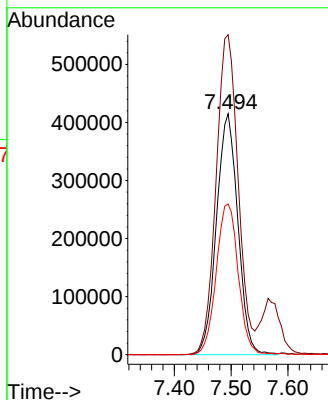
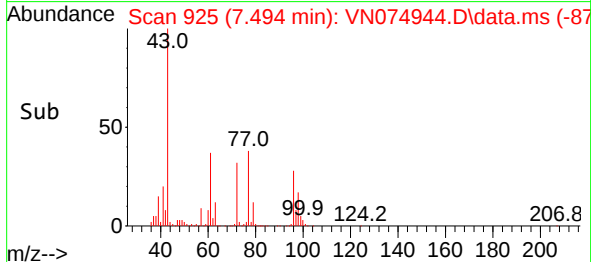
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



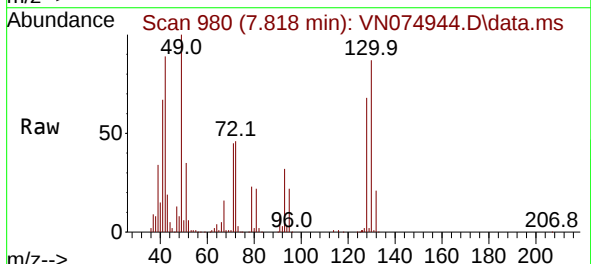
Tgt Ion: 96 Resp: 108755
 Ion Ratio Lower Upper
 96 100
 61 137.0 0.0 277.8
 98 64.4 0.0 127.2

Manual Integrations
 APPROVED

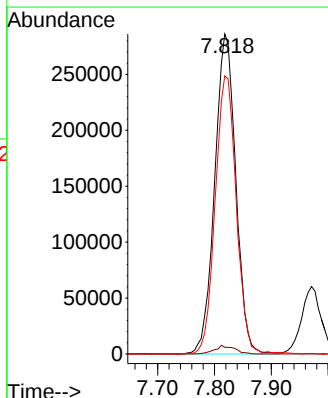
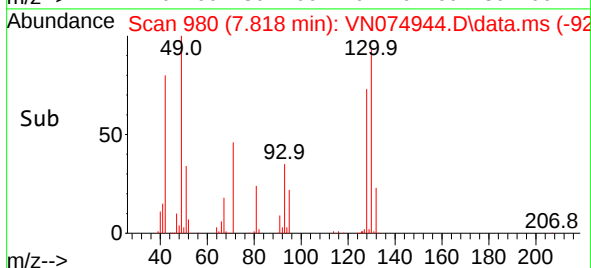
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022

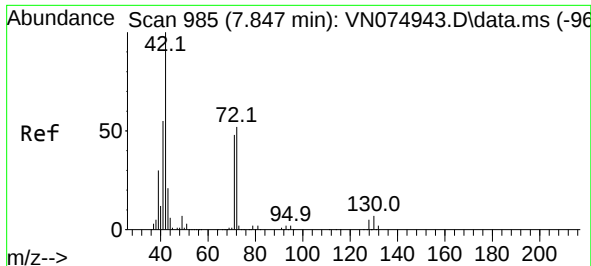


#28
 Bromochloromethane
 Concen: 93.049 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. 0.000 min
 Lab File: VN074944.D
 Acq: 20 Oct 2022 16:04



Tgt Ion: 49 Resp: 738032
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.2
 130 86.9 64.4 96.6





#29

Tetrahydrofuran

Concen: 410.414 ug/l

RT: 7.841 min Scan# 985

Delta R.T. -0.006 min

Lab File: VN074944.D

Acq: 20 Oct 2022 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 245110

Ion Ratio Lower Upper

42 100

72 54.6 42.2 63.4

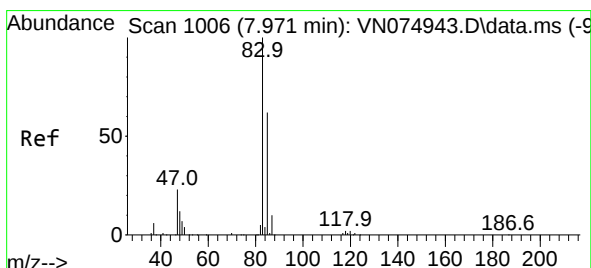
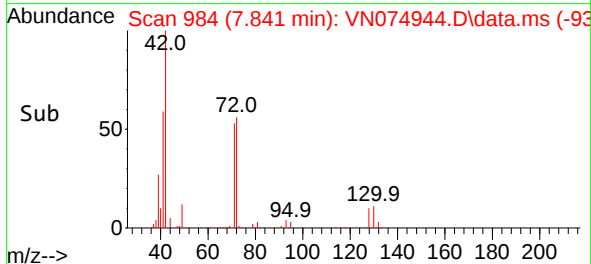
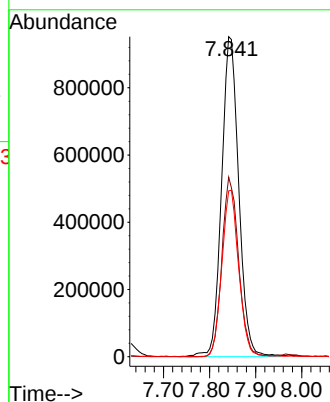
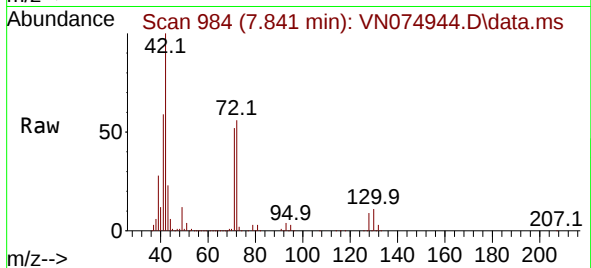
71 51.2 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#30

Chloroform

Concen: 103.546 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN074944.D

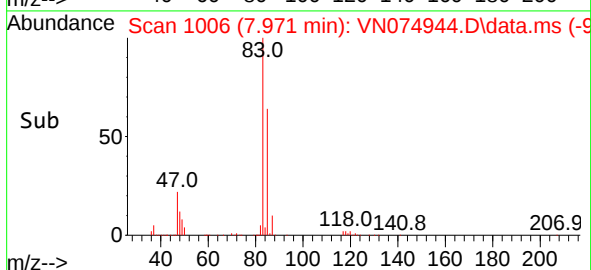
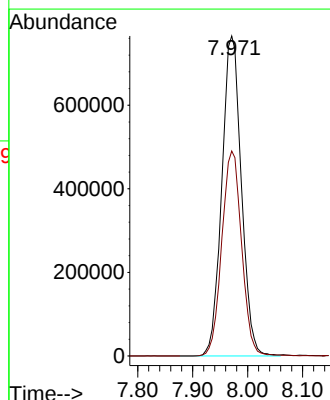
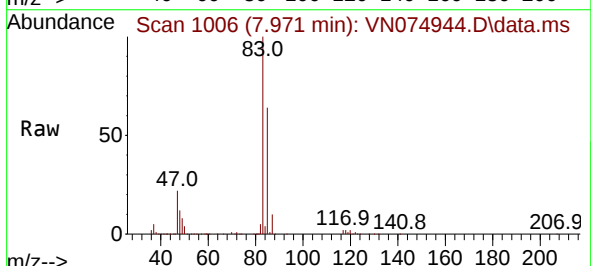
Acq: 20 Oct 2022 16:04

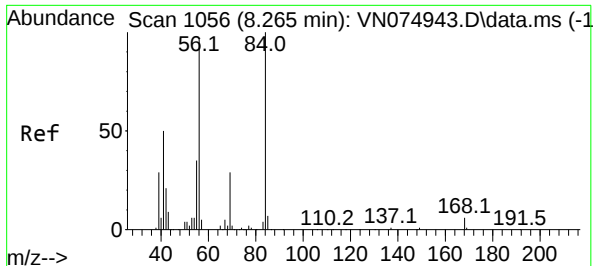
Tgt Ion: 83 Resp: 1886519

Ion Ratio Lower Upper

83 100

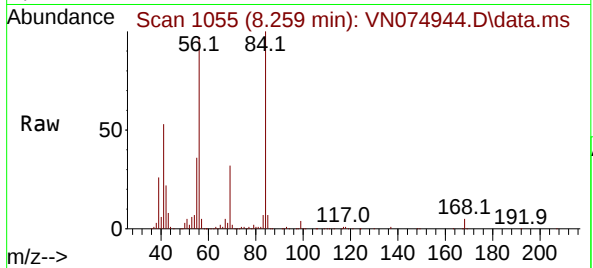
85 64.0 49.9 74.9





#31
Cyclohexane
Concen: 84.832 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

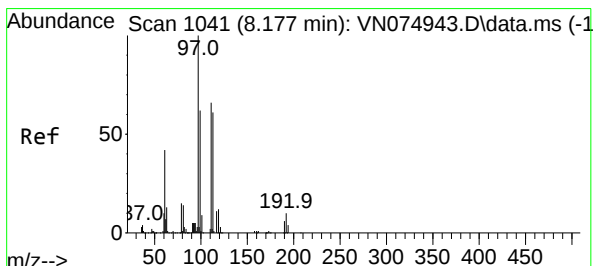
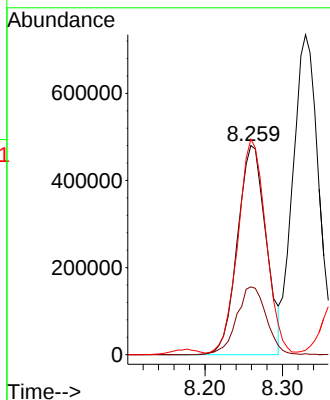
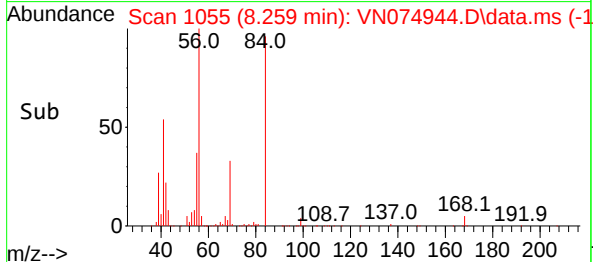
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 1227604
Ion Ratio Lower Upper
56 100
69 32.5 24.2 36.2
84 100.9 82.8 124.2

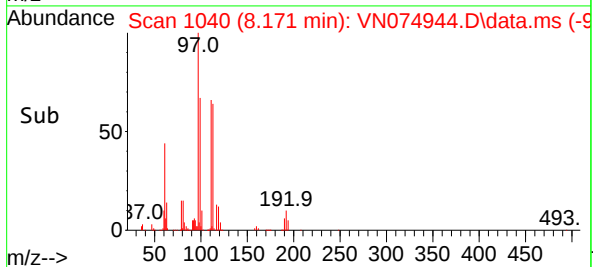
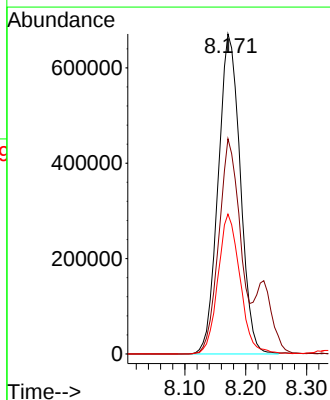
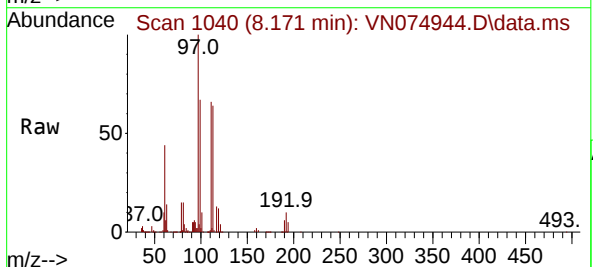
Manual Integrations
APPROVED

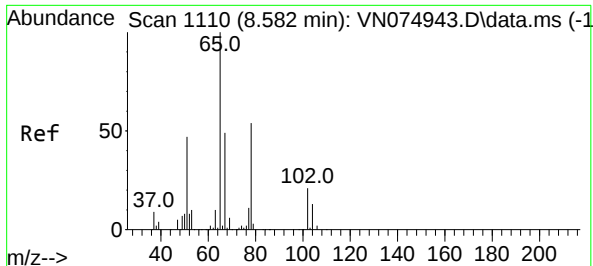
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#32
1,1,1-Trichloroethane
Concen: 109.449 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Tgt Ion: 97 Resp: 1689711
Ion Ratio Lower Upper
97 100
99 65.1 53.0 79.4
61 43.8 36.4 54.6





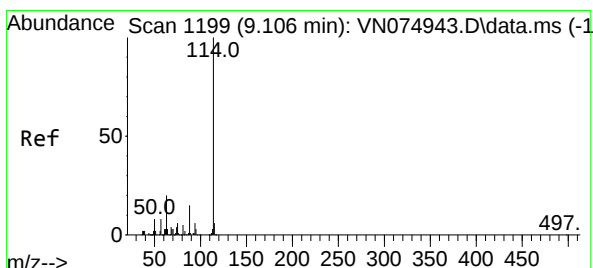
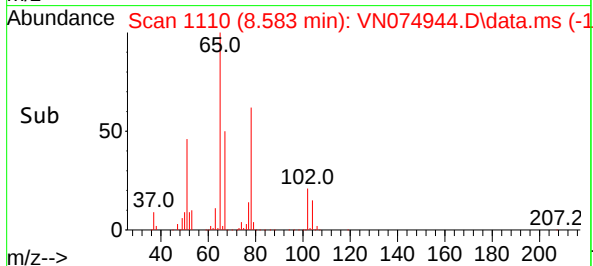
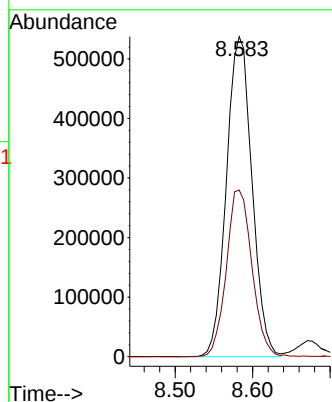
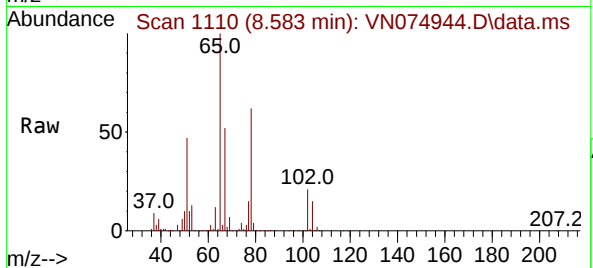
#33
1,2-Dichloroethane-d4
Concen: 104.857 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 123408
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.6

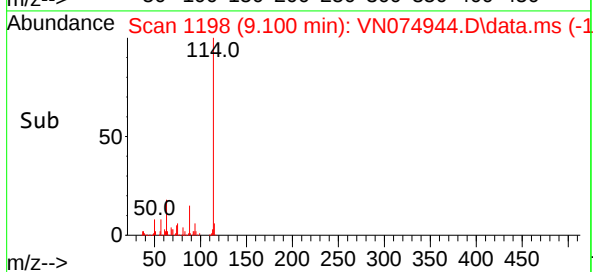
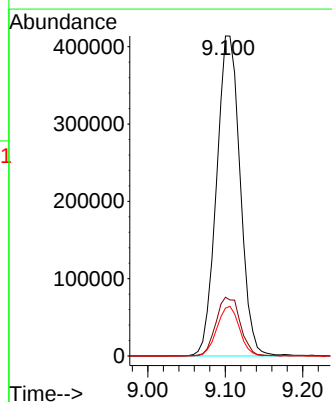
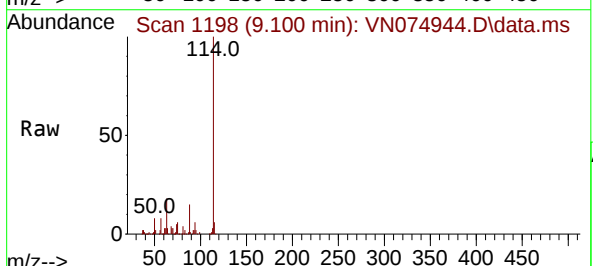
Manual Integrations
APPROVED

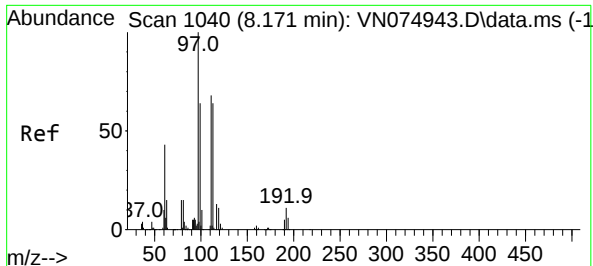
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1198
Delta R.T. -0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

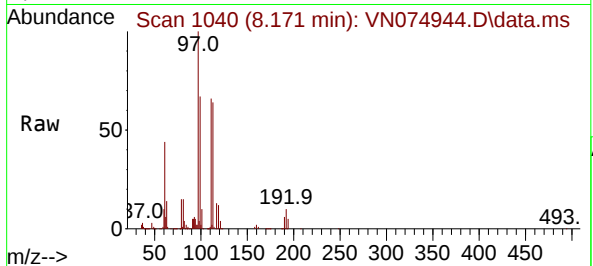
Tgt Ion:114 Resp: 876640
Ion Ratio Lower Upper
114 100
63 18.3 0.0 39.8
88 15.0 0.0 30.4





#35
Dibromofluoromethane
Concen: 106.232 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

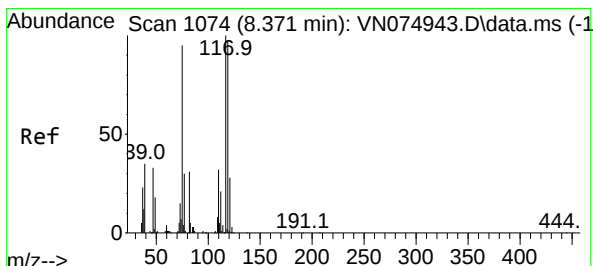
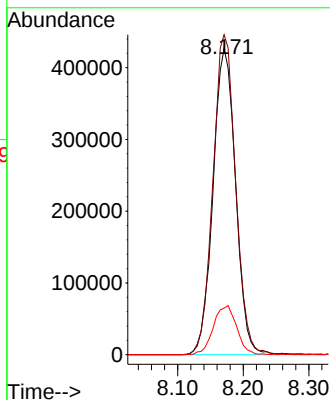
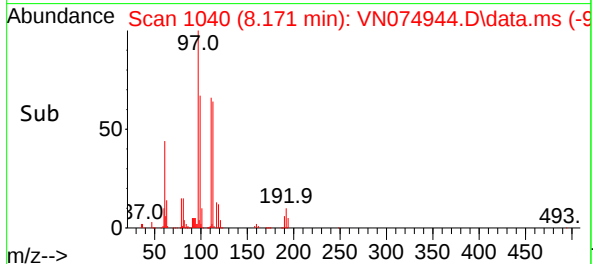
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 113 Resp: 101777
Ion Ratio Lower Upper
113 100
111 105.1 83.4 125.2
192 16.6 13.3 19.9

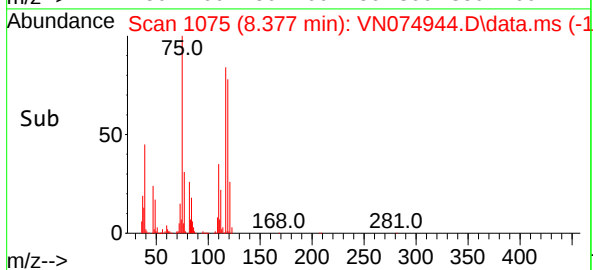
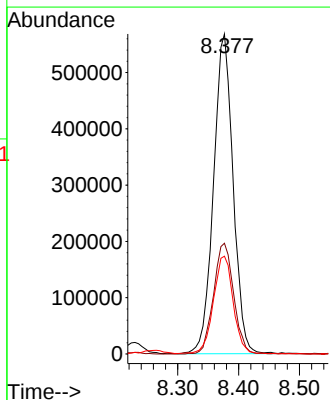
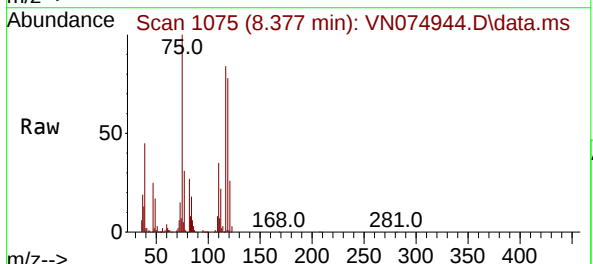
Manual Integrations
APPROVED

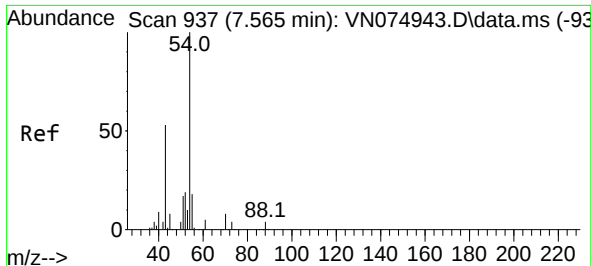
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#36
1,1-Dichloropropene
Concen: 96.809 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

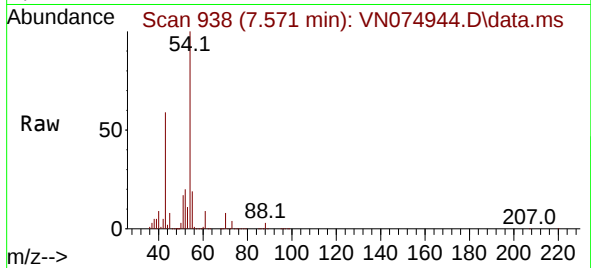
Tgt Ion: 75 Resp: 1266027
Ion Ratio Lower Upper
75 100
110 35.5 18.1 54.4
77 30.9 25.0 37.4





#37
Ethyl Acetate
Concen: 83.689 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

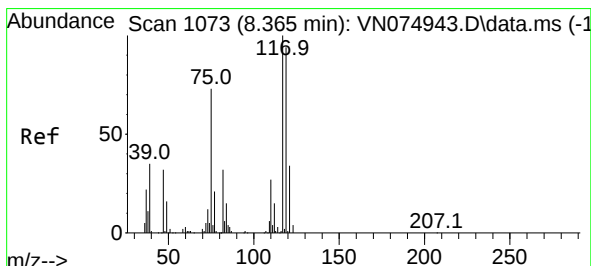
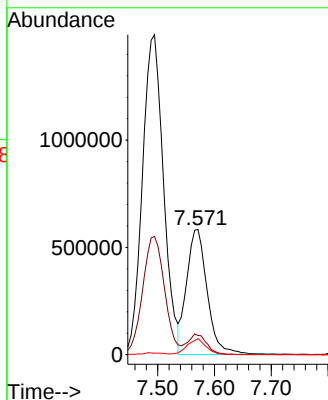
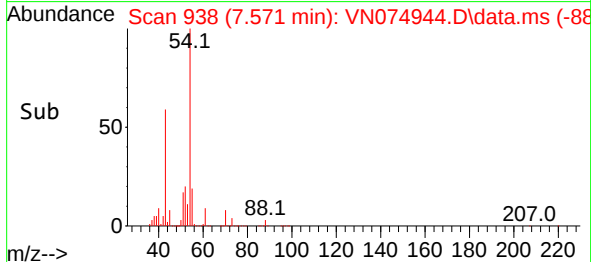
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 146893
Ion Ratio Lower Upper
43 100
61 15.0 12.1 18.1
70 11.6 9.2 13.8

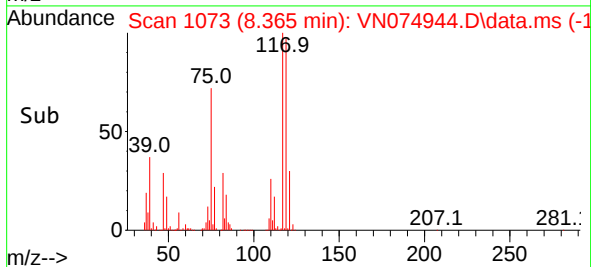
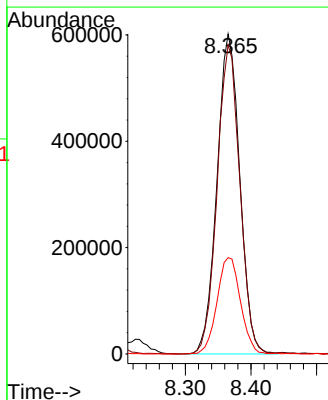
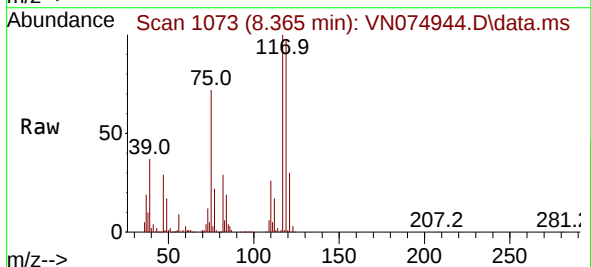
Manual Integrations
APPROVED

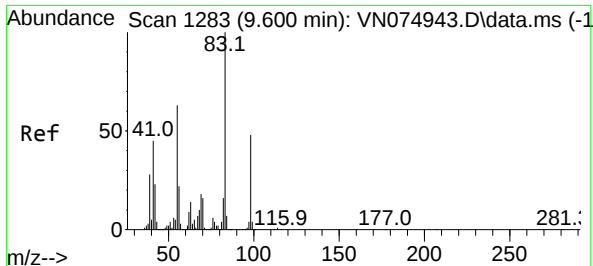
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#38
Carbon Tetrachloride
Concen: 111.482 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Tgt Ion:117 Resp: 1450434
Ion Ratio Lower Upper
117 100
119 96.6 75.2 112.8
121 30.1 27.0 40.6





#39

Methylcyclohexane

Concen: 103.180 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074944.D

Acq: 20 Oct 2022 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 1535150

Ion Ratio Lower Upper

83 100

55 66.3 50.8 76.2

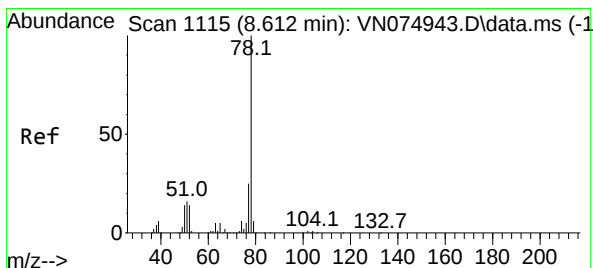
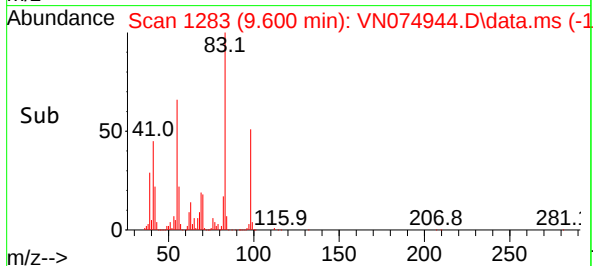
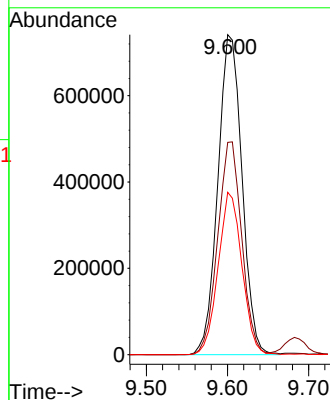
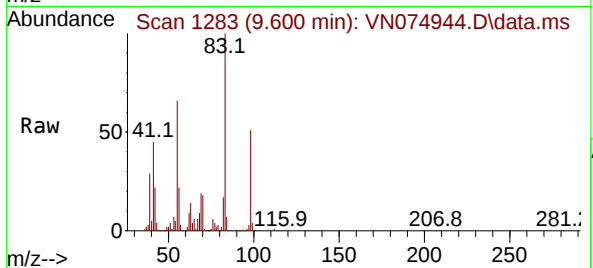
98 50.8 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#40

Benzene

Concen: 92.508 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN074944.D

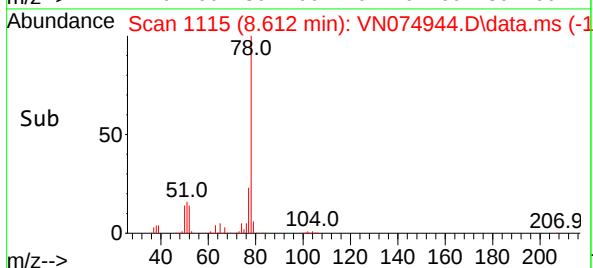
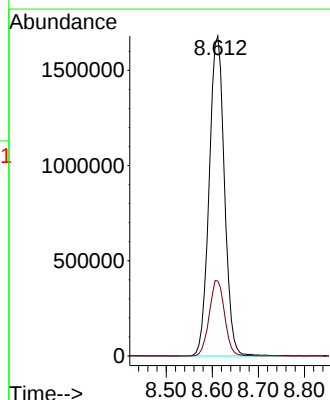
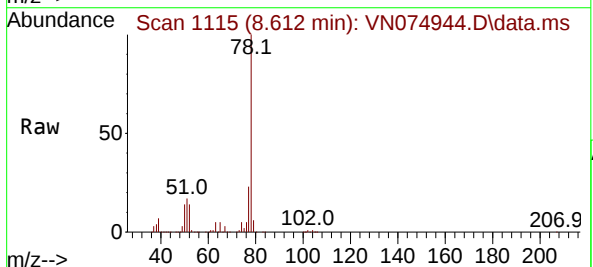
Acq: 20 Oct 2022 16:04

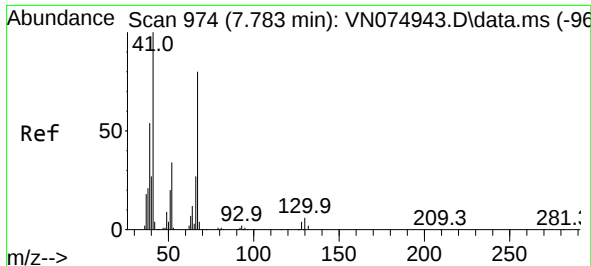
Tgt Ion: 78 Resp: 3877927

Ion Ratio Lower Upper

78 100

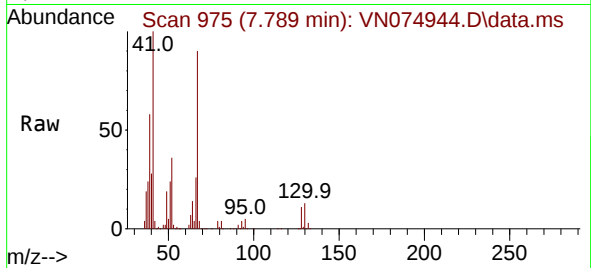
77 23.4 19.6 29.4





#41
Methacrylonitrile
Concen: 82.682 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

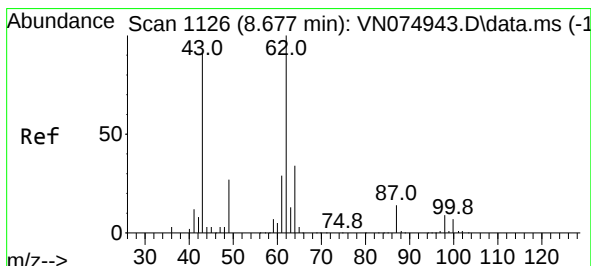
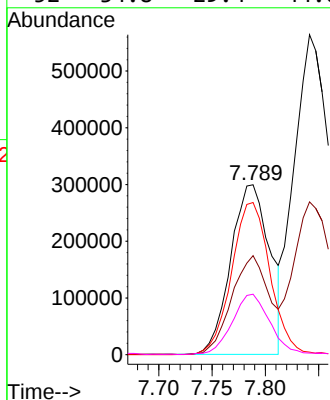
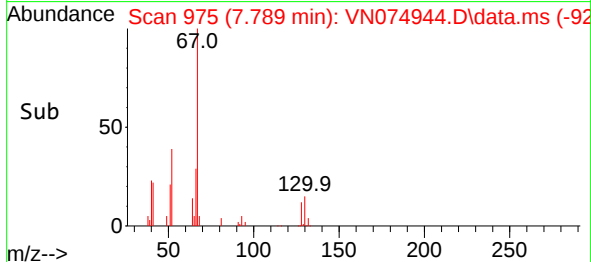
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



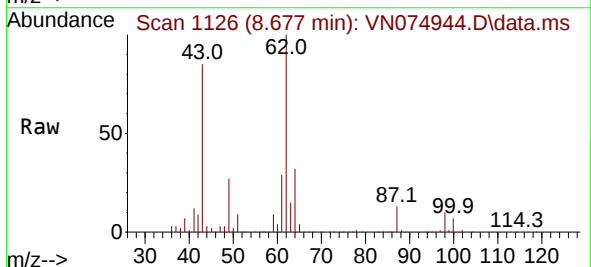
Tgt Ion: 41 Resp: 76285
Ion Ratio Lower Upper
41 100
39 56.1 47.9 71.9
67 88.8 70.8 106.2
52 34.8 29.4 44.0

Manual Integrations
APPROVED

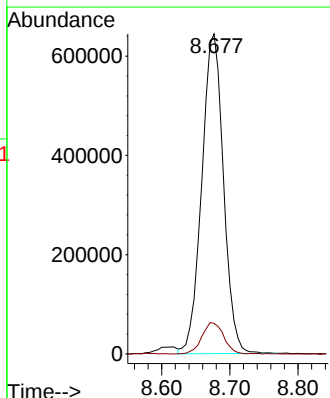
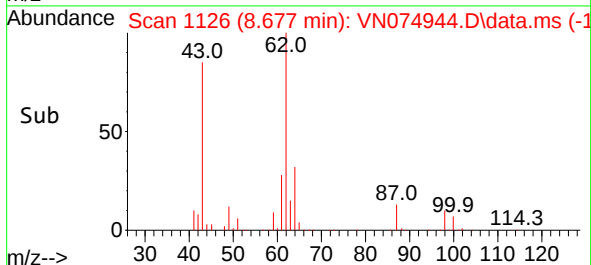
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

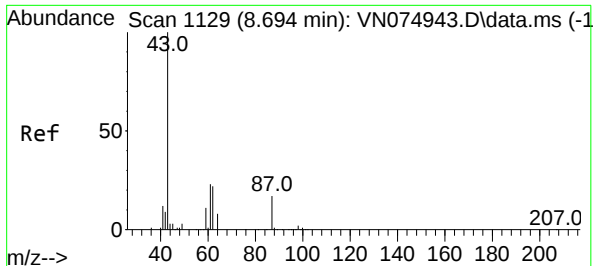


#42
1,2-Dichloroethane
Concen: 101.639 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04



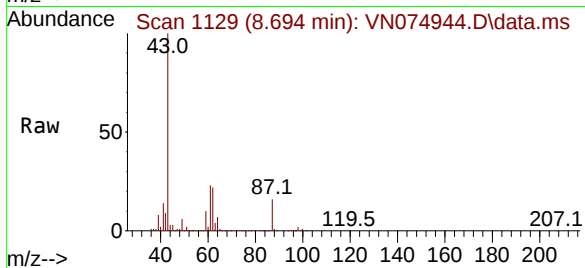
Tgt Ion: 62 Resp: 1426457
Ion Ratio Lower Upper
62 100
98 9.8 0.0 17.8





#43
Isopropyl Acetate
Concen: 82.785 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

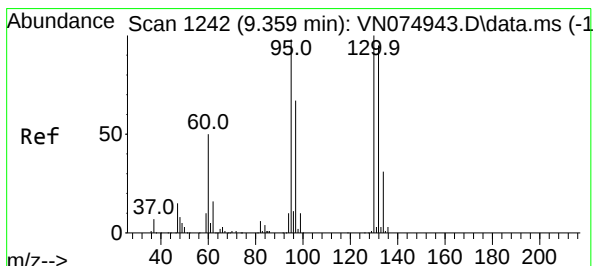
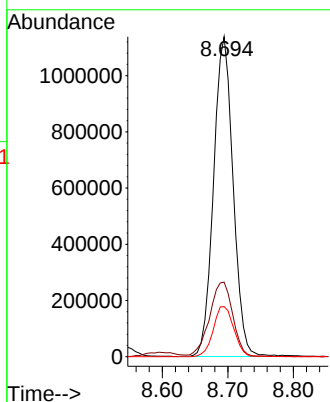
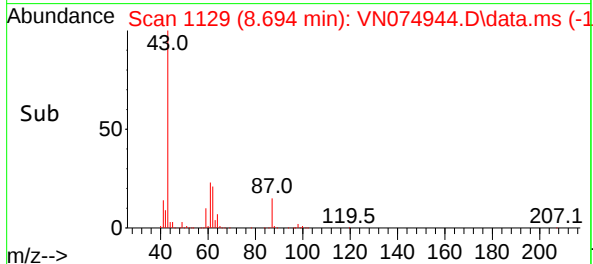
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 234988
Ion Ratio Lower Upper
43 100
61 27.7 22.3 33.5
87 16.6 12.8 19.2

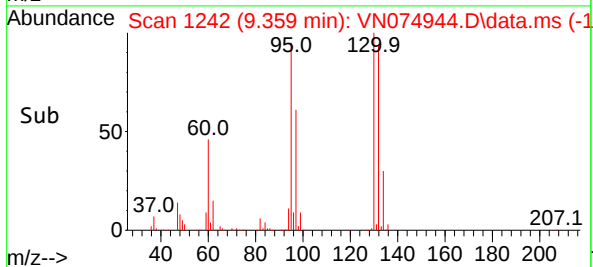
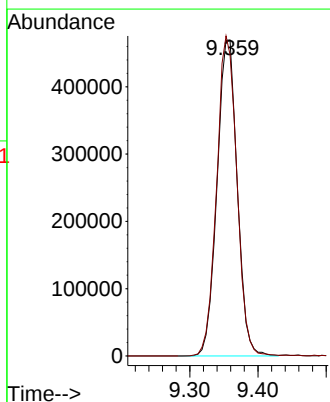
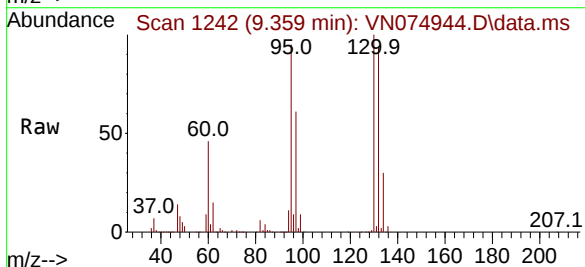
Manual Integrations
APPROVED

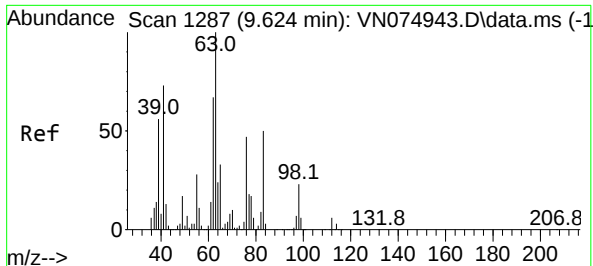
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#44
Trichloroethene
Concen: 102.197 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Tgt Ion:130 Resp: 967725
Ion Ratio Lower Upper
130 100
95 95.3 0.0 195.8





#45

1,2-Dichloropropane

Concen: 87.672 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN074944.D

Acq: 20 Oct 2022 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 994820

Ion Ratio Lower Upper

63 100

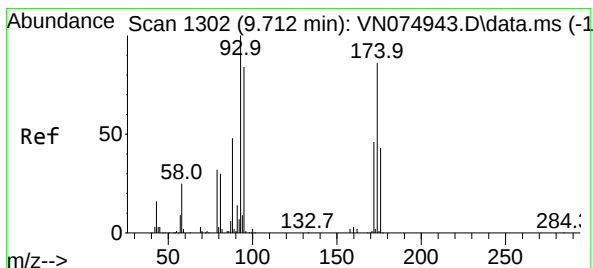
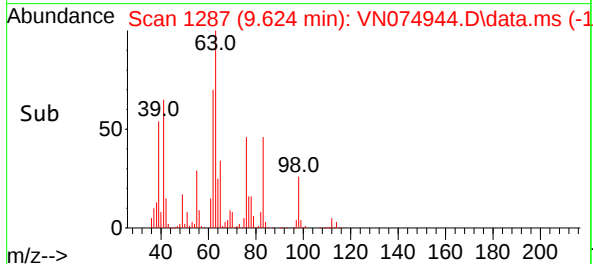
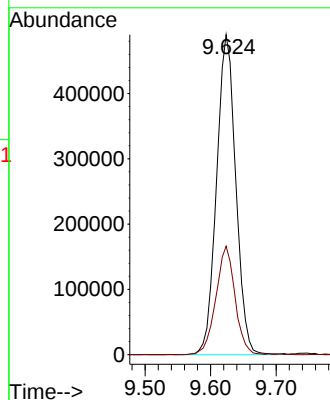
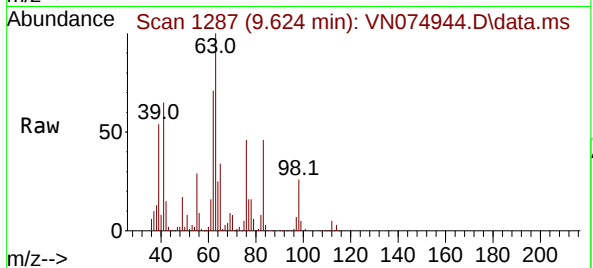
65 33.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#46

Dibromomethane

Concen: 103.224 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN074944.D

Acq: 20 Oct 2022 16:04

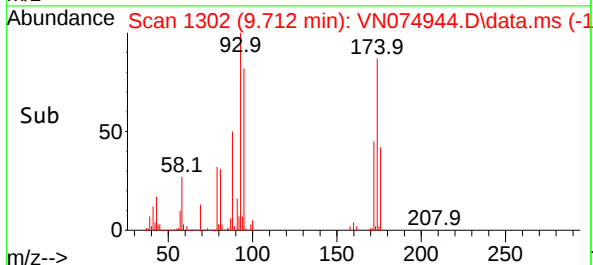
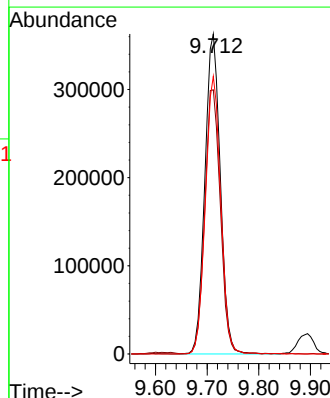
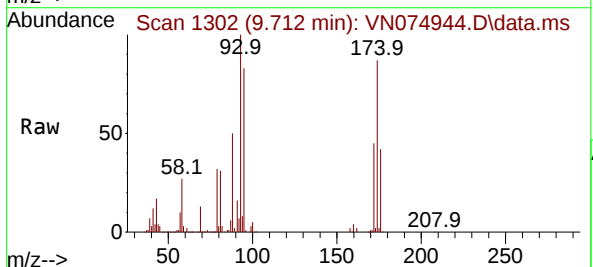
Tgt Ion: 93 Resp: 752039

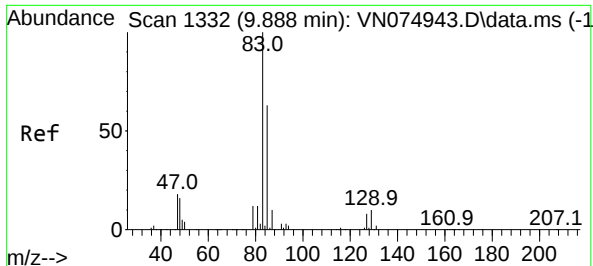
Ion Ratio Lower Upper

93 100

95 83.2 66.0 99.0

174 86.2 68.8 103.2





#47

Bromodichloromethane

Concen: 103.955 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. 0.000 min

Lab File: VN074944.D

Acq: 20 Oct 2022 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 151950

Ion Ratio Lower Upper

83 100

85 62.5 50.1 75.1

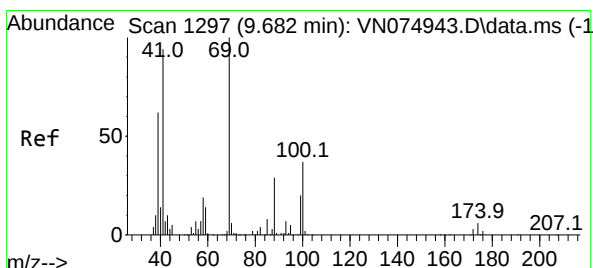
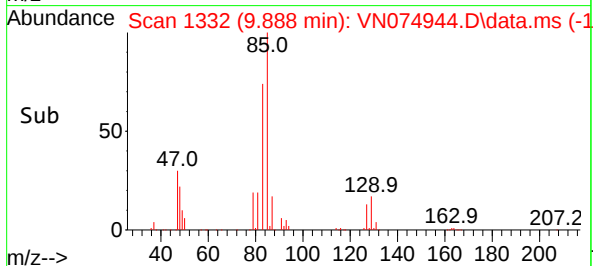
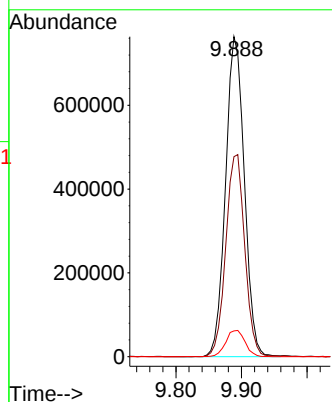
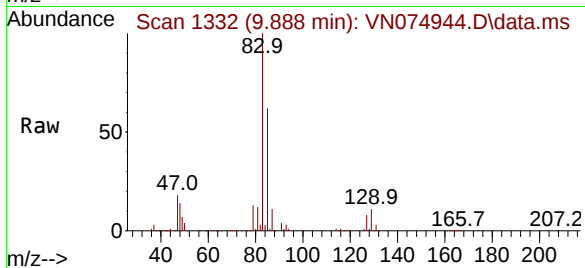
127 8.1 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#48

Methyl methacrylate

Concen: 82.442 ug/l

RT: 9.682 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN074944.D

Acq: 20 Oct 2022 16:04

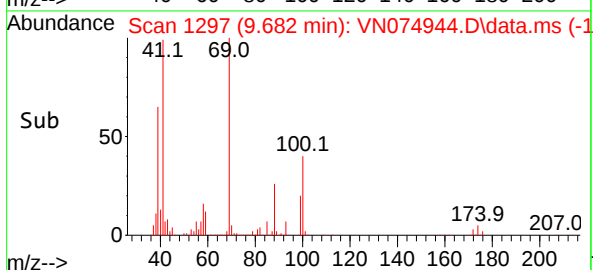
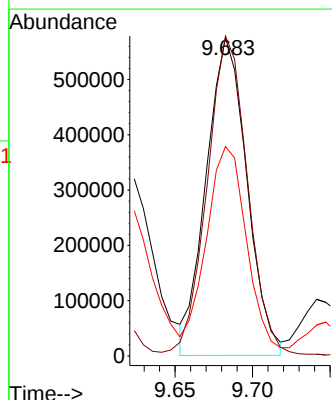
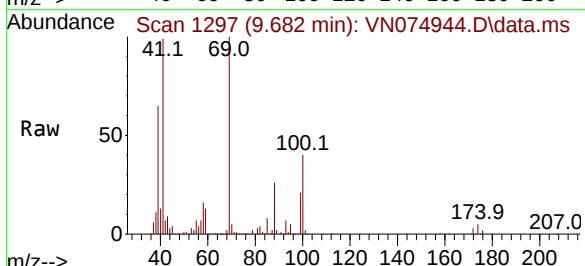
Tgt Ion: 41 Resp: 1047065

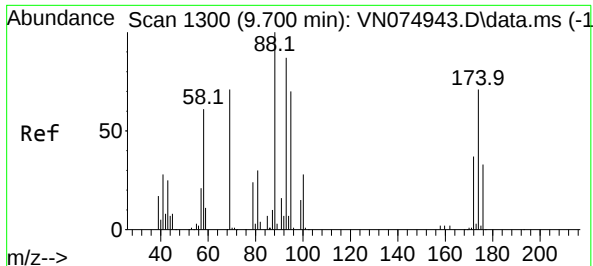
Ion Ratio Lower Upper

41 100

69 100.5 79.7 119.5

39 66.7 55.1 82.7





#49

1,4-Dioxane

Concen: 2151.733 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN074944.D

Acq: 20 Oct 2022 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 61310

Ion Ratio Lower Upper

88 100

43 21.4 21.1 31.7

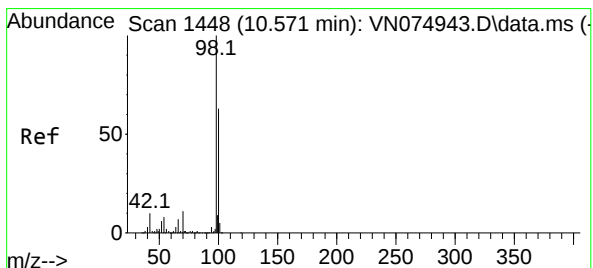
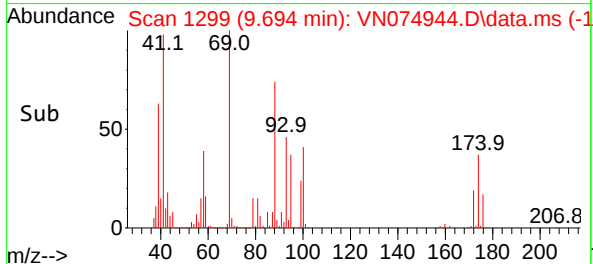
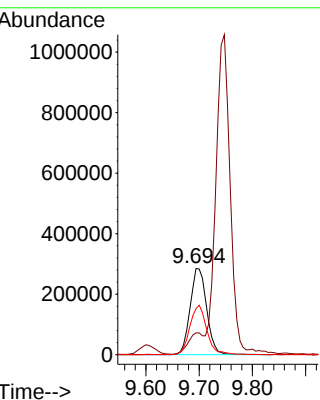
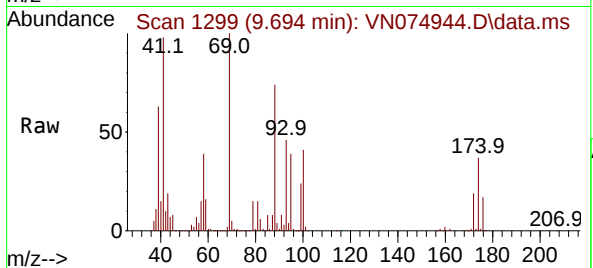
58 58.3 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#50

Toluene-d8

Concen: 107.344 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN074944.D

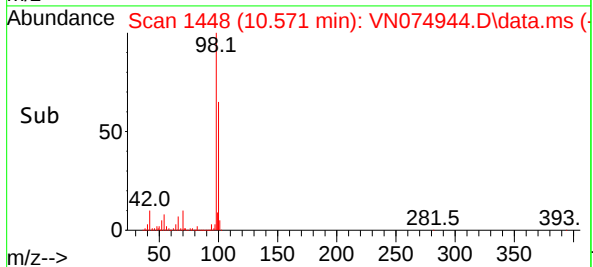
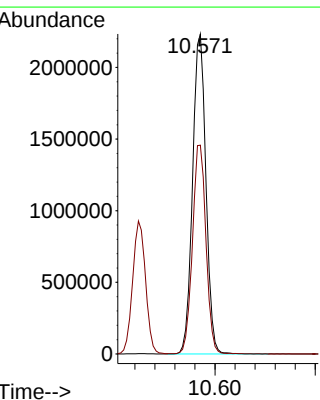
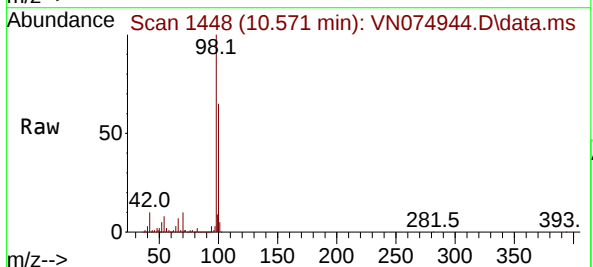
Acq: 20 Oct 2022 16:04

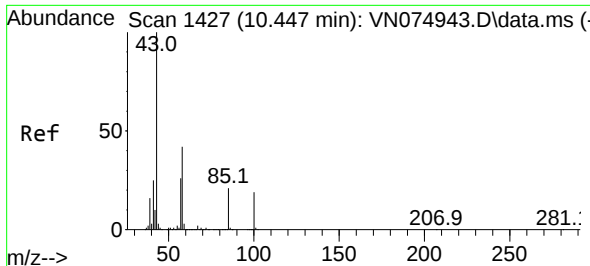
Tgt Ion: 98 Resp: 4121205

Ion Ratio Lower Upper

98 100

100 66.2 51.4 77.2





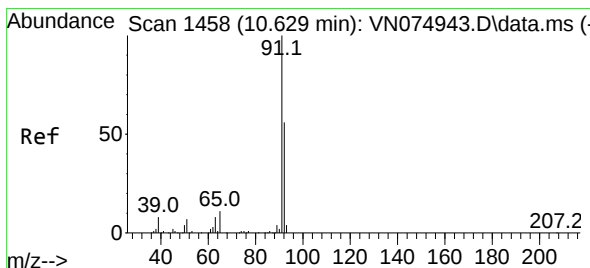
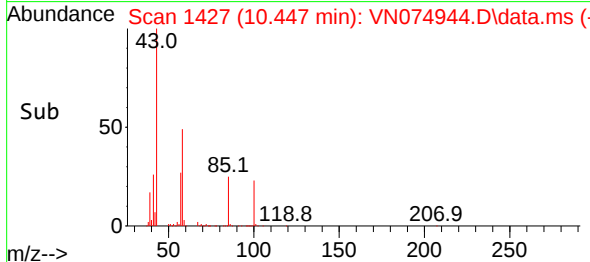
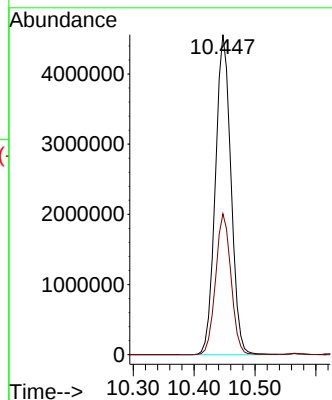
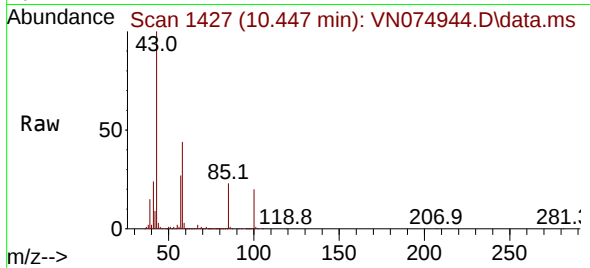
#51
4-Methyl-2-Pentanone
Concen: 441.123 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 8101672
Ion Ratio Lower Upper
43 100
58 43.4 33.6 50.4

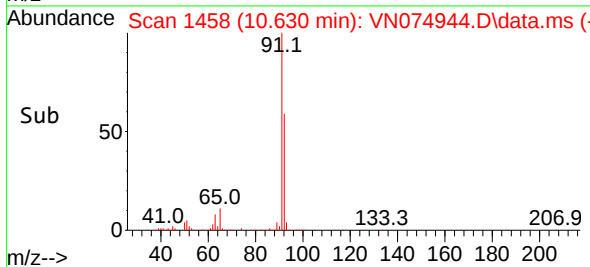
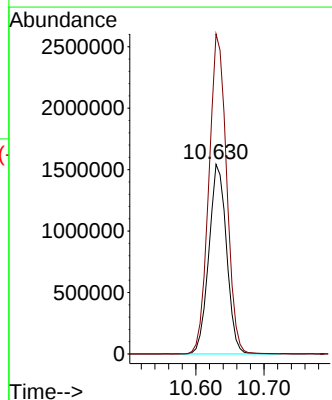
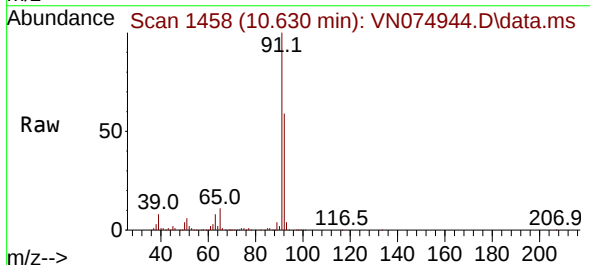
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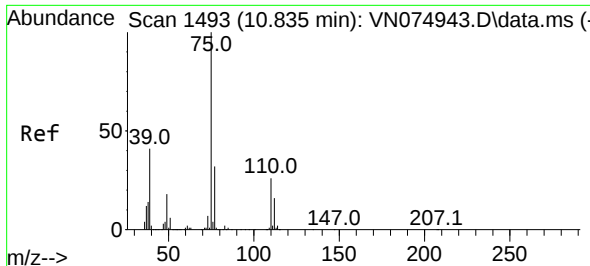
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#52
Toluene
Concen: 107.594 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Tgt Ion: 92 Resp: 2776109
Ion Ratio Lower Upper
92 100
91 170.3 139.2 208.8





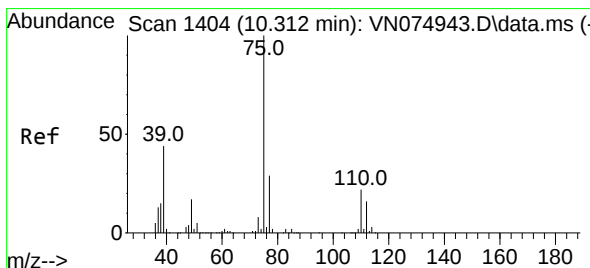
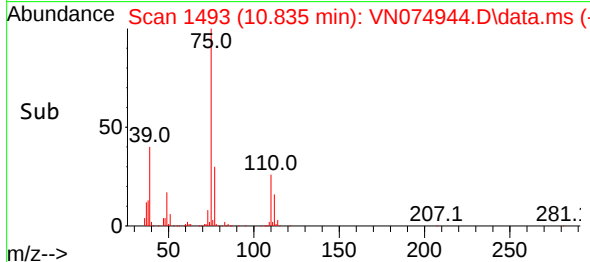
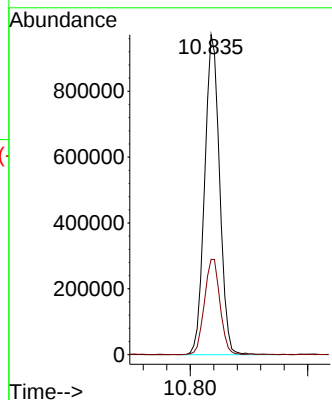
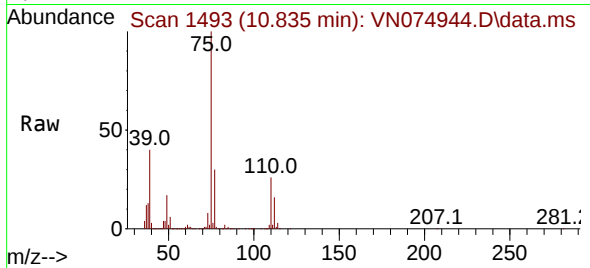
#53
t-1,3-Dichloropropene
Concen: 114.552 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 171803
Ion Ratio Lower Upper
75 100
77 29.7 25.2 37.8

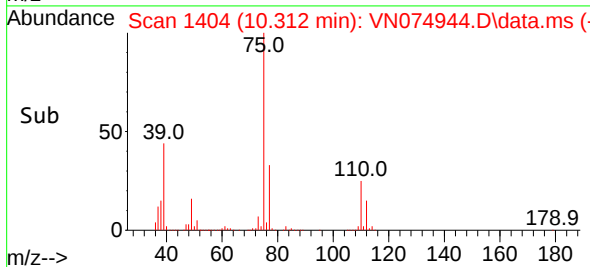
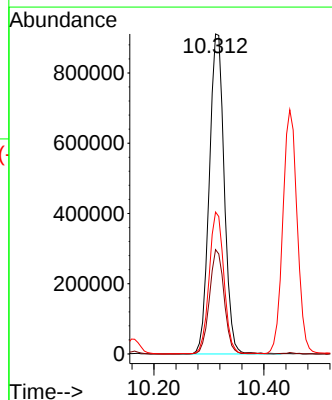
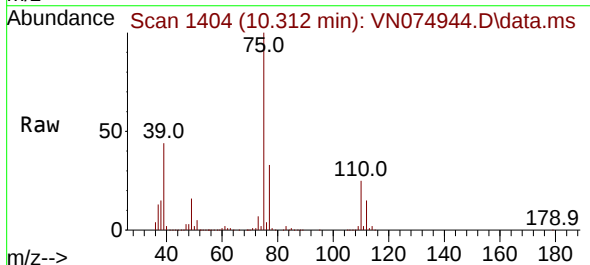
Manual Integrations
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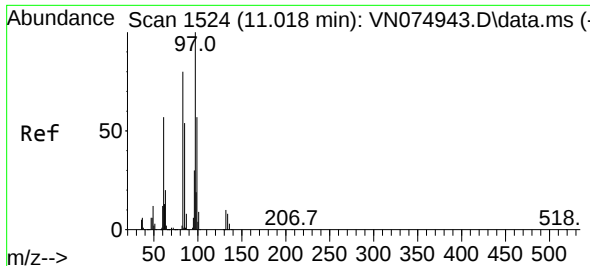
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#54
cis-1,3-Dichloropropene
Concen: 106.278 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

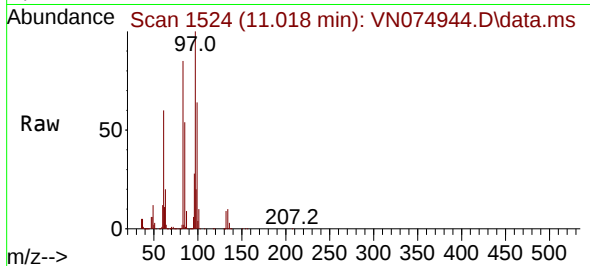
Tgt Ion: 75 Resp: 1719926
Ion Ratio Lower Upper
75 100
77 32.6 23.5 35.3
39 44.3 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 106.580 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

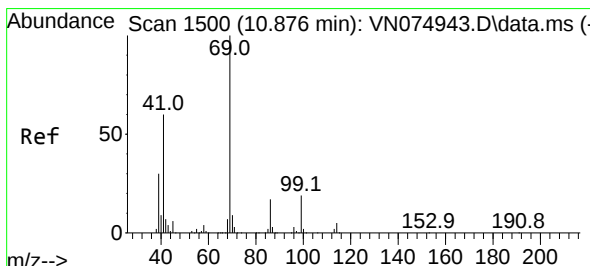
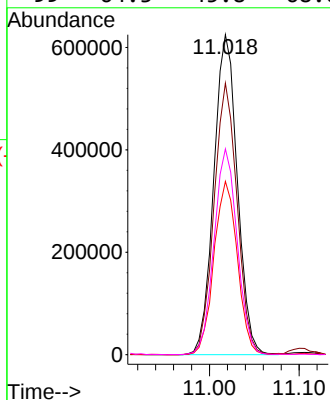
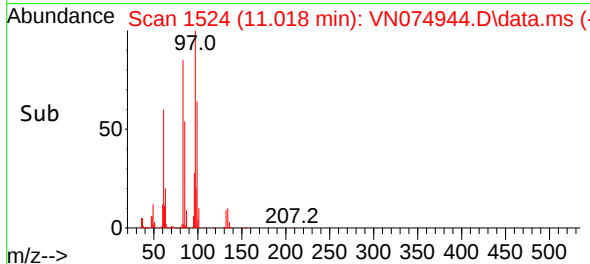


Tgt Ion: 97 Resp: 1138594

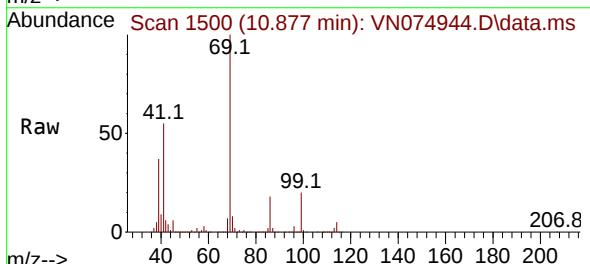
Ion	Ratio	Lower	Upper
97	100		
83	84.9	64.2	96.4
85	54.2	43.3	64.9
99	64.3	45.8	68.6

Manual Integrations
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Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

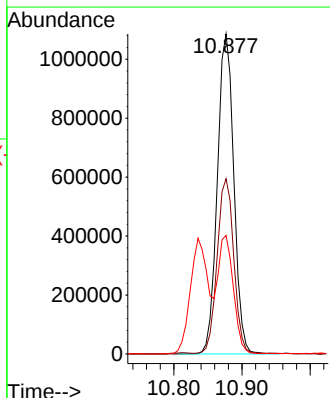
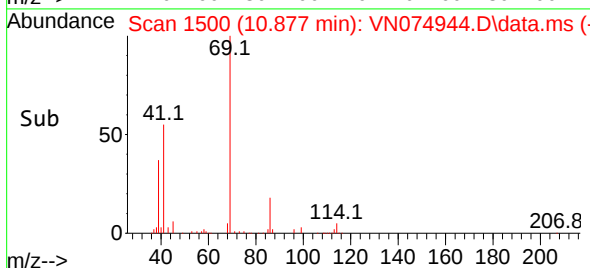


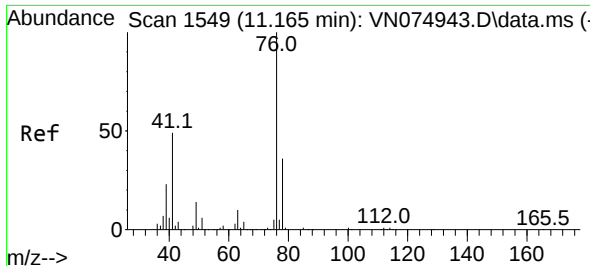
#56
Ethyl methacrylate
Concen: 107.308 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04



Tgt Ion: 69 Resp: 1824488

Ion	Ratio	Lower	Upper
69	100		
41	54.9	45.1	67.7
39	33.6	32.0	48.0





#57

1,3-Dichloropropane

Concen: 99.666 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN074944.D

Acq: 20 Oct 2022 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 1879120

Ion Ratio Lower Upper

76 100

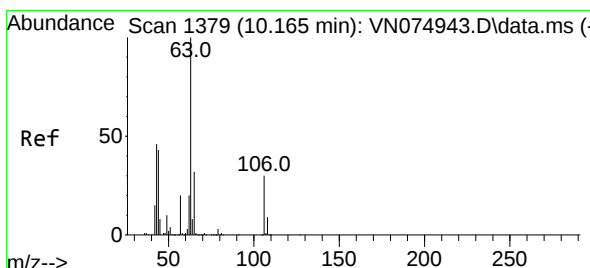
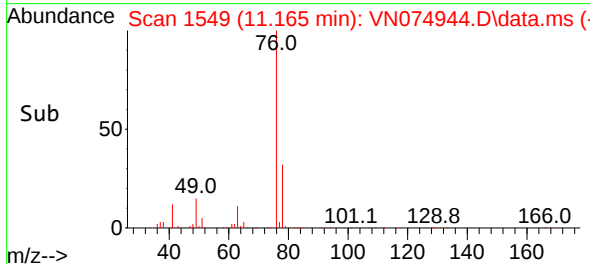
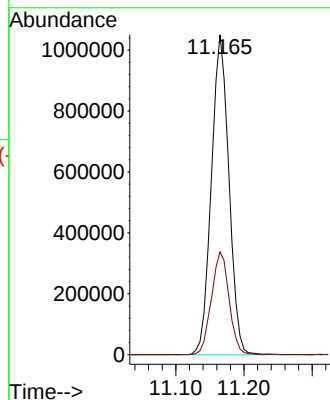
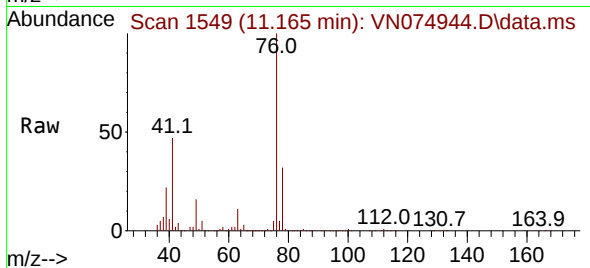
78 32.4 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 522.618 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN074944.D

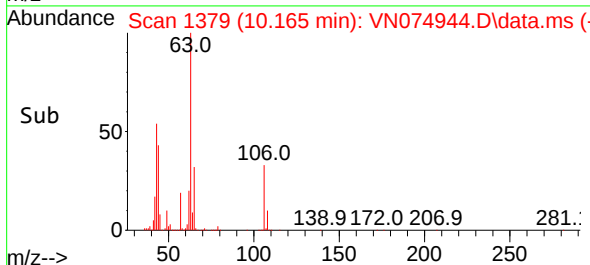
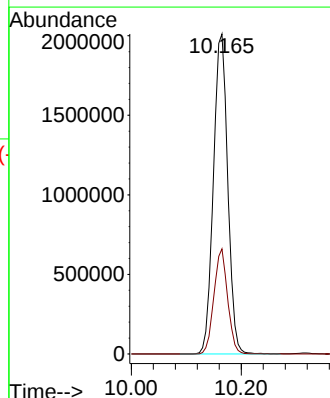
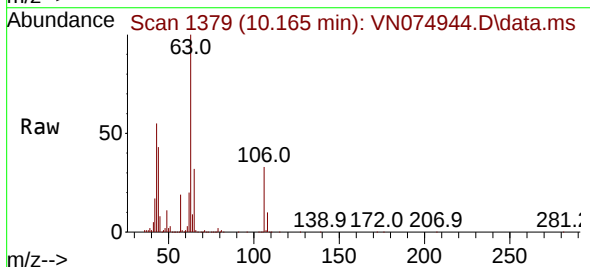
Acq: 20 Oct 2022 16:04

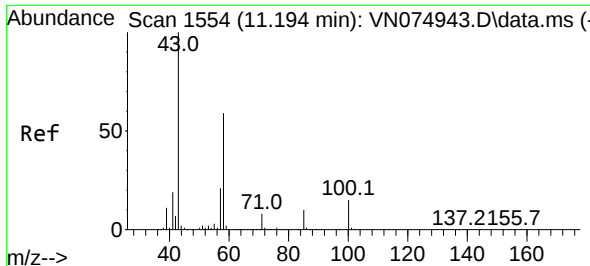
Tgt Ion: 63 Resp: 3646677

Ion Ratio Lower Upper

63 100

106 31.3 24.1 36.1





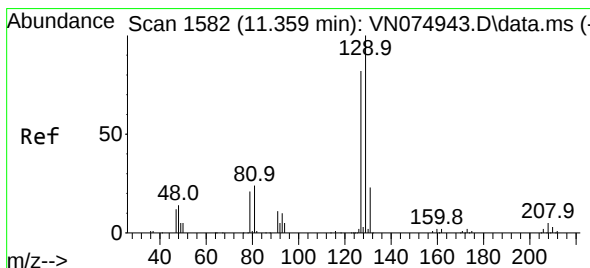
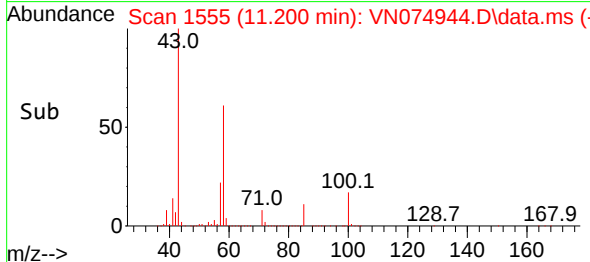
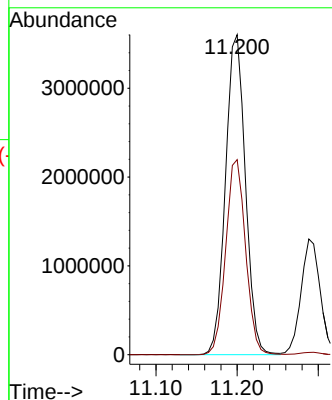
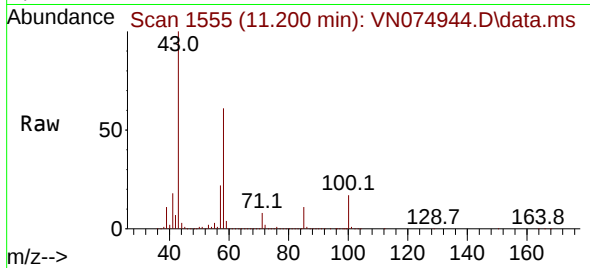
#59
2-Hexanone
Concen: 454.723 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 614205
Ion Ratio Lower Upper
43 100
58 60.9 29.5 88.5

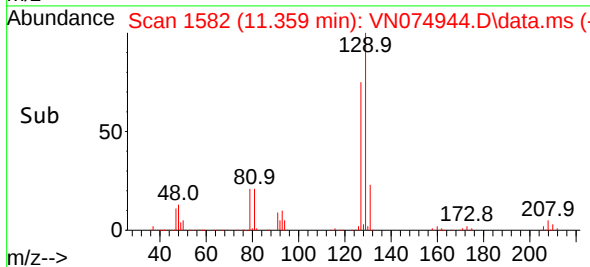
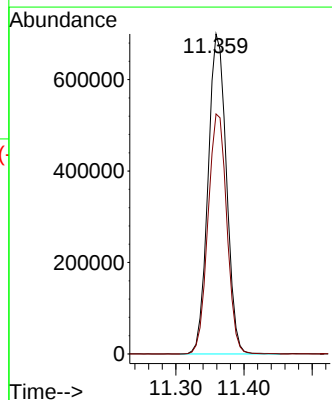
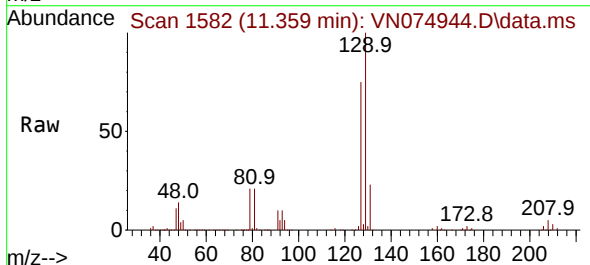
Manual Integrations
APPROVED

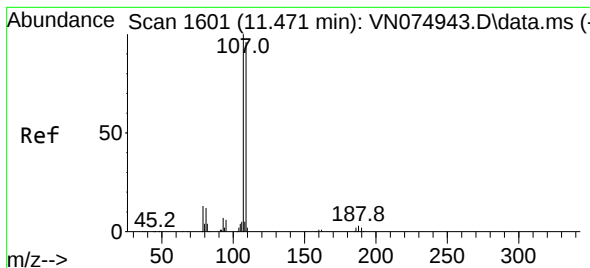
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#60
Dibromochloromethane
Concen: 125.362 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Tgt Ion:129 Resp: 1310545
Ion Ratio Lower Upper
129 100
127 76.8 39.0 116.9





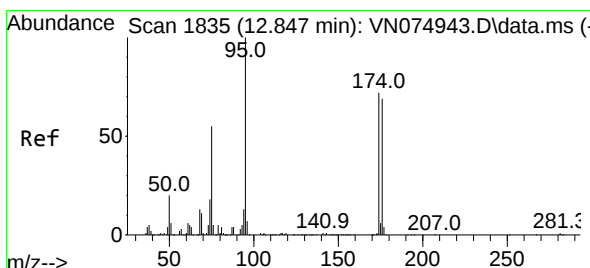
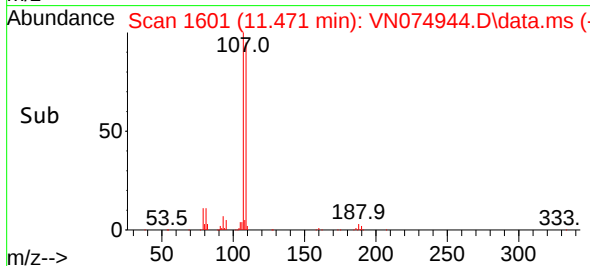
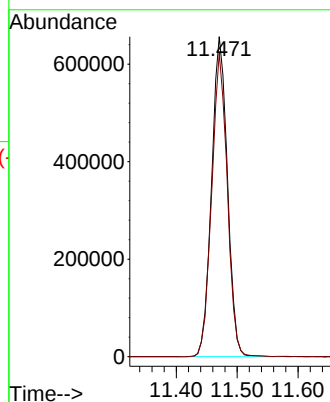
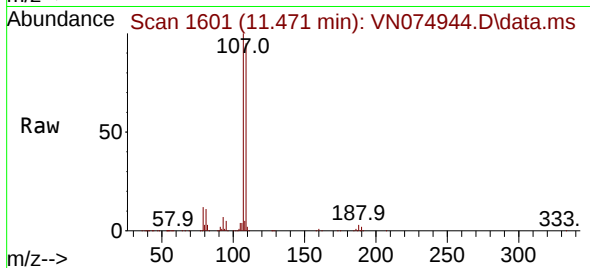
#61
1,2-Dibromoethane
Concen: 114.518 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 118606
Ion Ratio Lower Upper
107 100
109 93.3 75.5 113.3

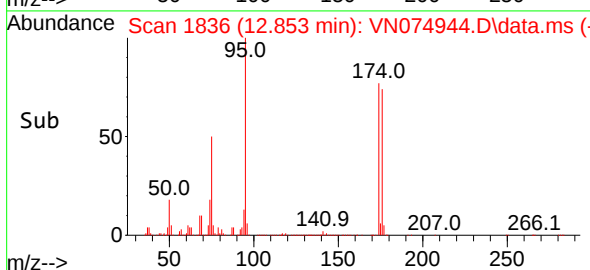
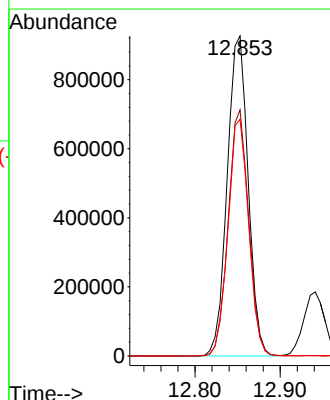
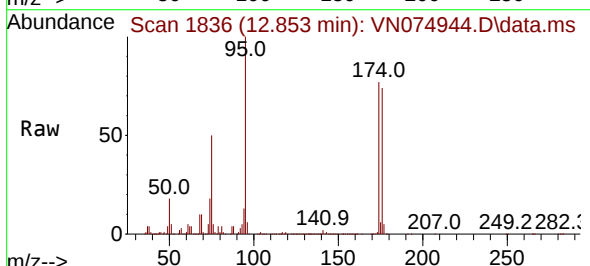
Manual Integrations
APPROVED

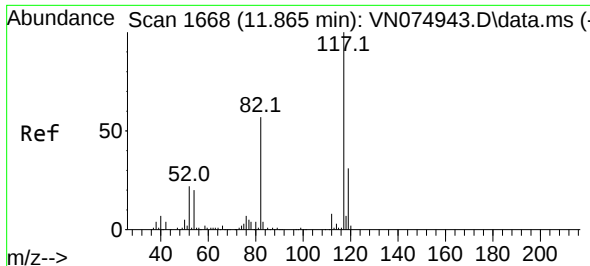
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#62
4-Bromofluorobenzene
Concen: 143.501 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

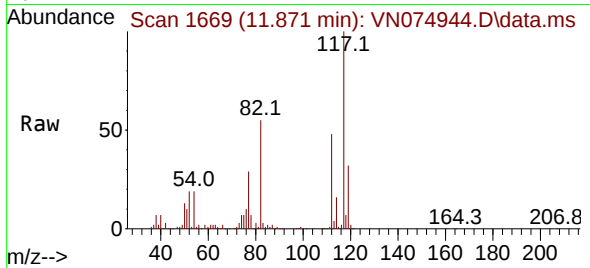
Tgt Ion: 95 Resp: 1583959
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.0
176 72.7 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

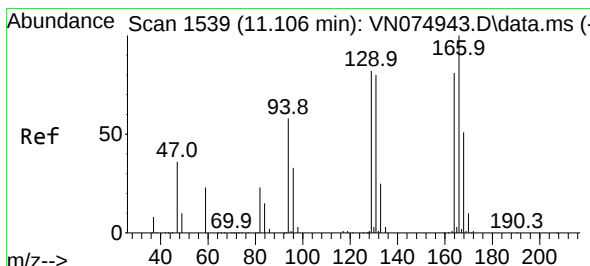
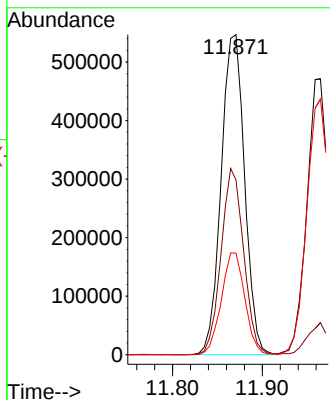
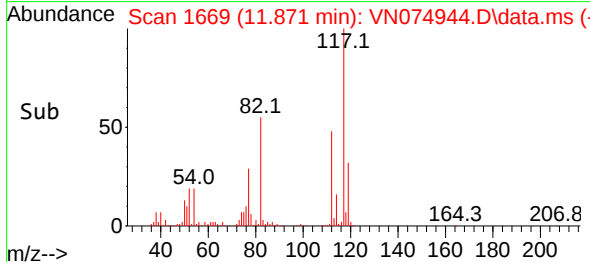
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



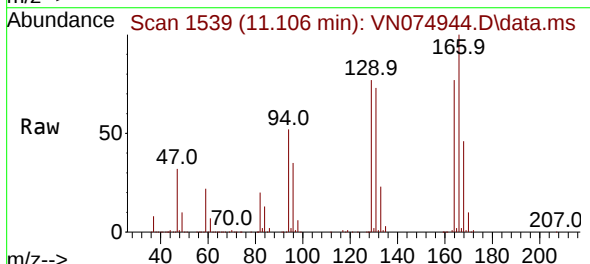
Tgt Ion:117 Resp: 993378
Ion Ratio Lower Upper
117 100
82 54.6 45.6 68.4
119 31.8 25.1 37.7

Manual Integrations
APPROVED

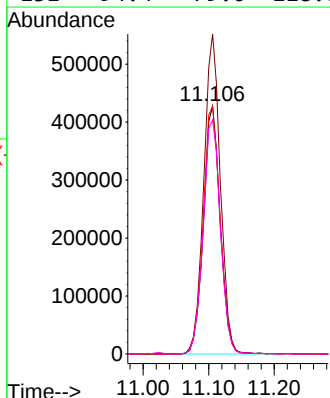
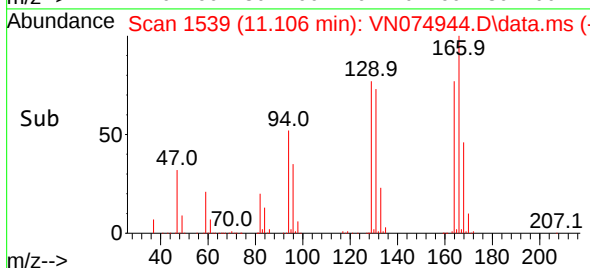
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

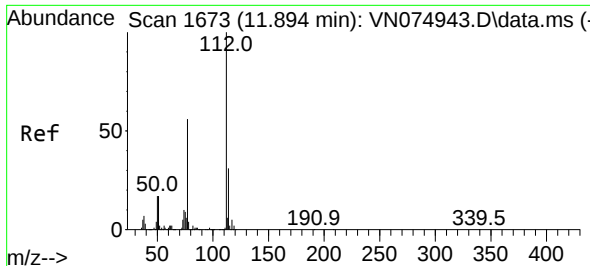


#64
Tetrachloroethene
Concen: 91.865 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04



Tgt Ion:164 Resp: 758801
Ion Ratio Lower Upper
164 100
166 129.1 98.6 148.0
129 99.9 81.2 121.8
131 94.4 79.0 118.6





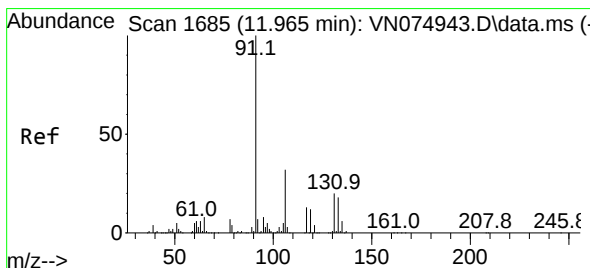
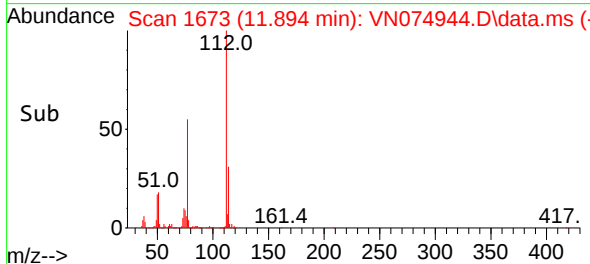
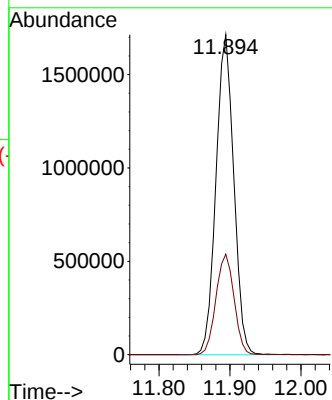
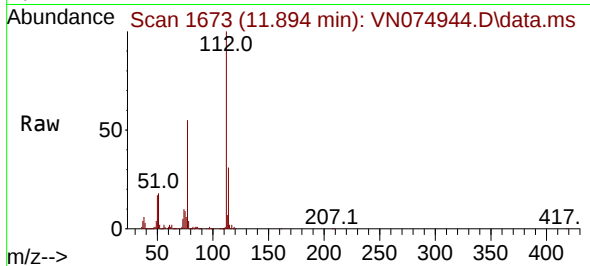
#65
Chlorobenzene
Concen: 105.348 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 2971058
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.6

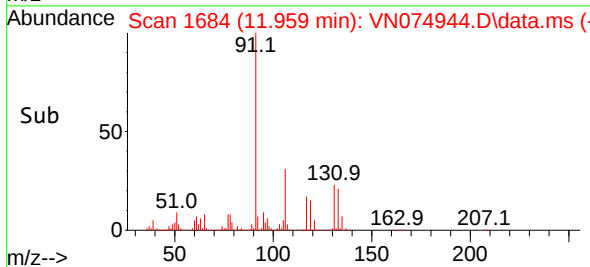
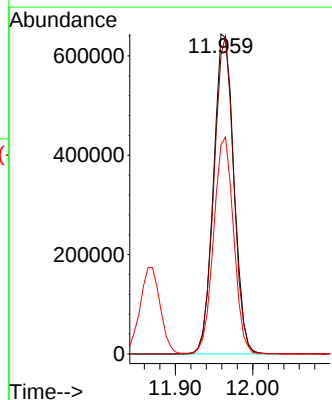
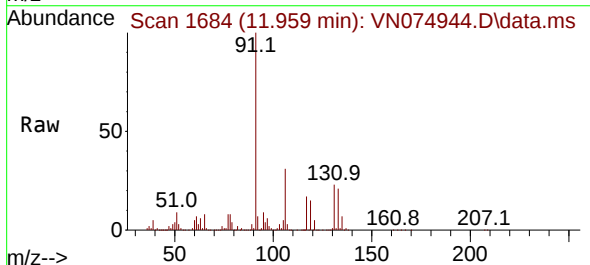
Manual Integrations
APPROVED

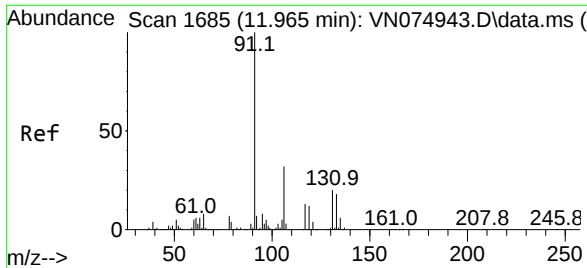
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 112.578 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

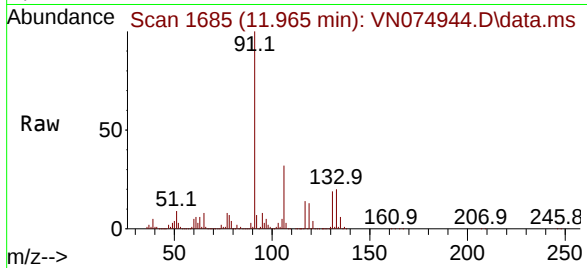
Tgt Ion:131 Resp: 1176335
Ion Ratio Lower Upper
131 100
133 96.2 46.6 139.7
119 66.6 32.4 97.0





#67
Ethyl Benzene
Concen: 112.384 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

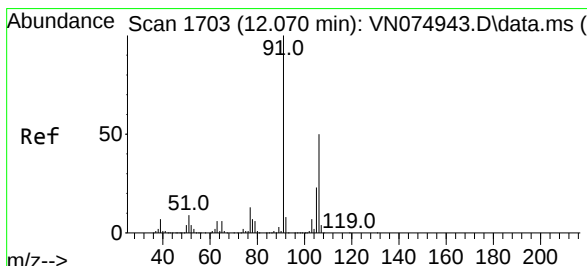
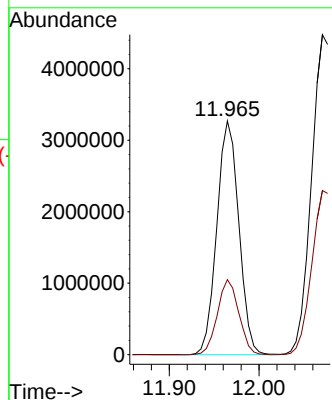
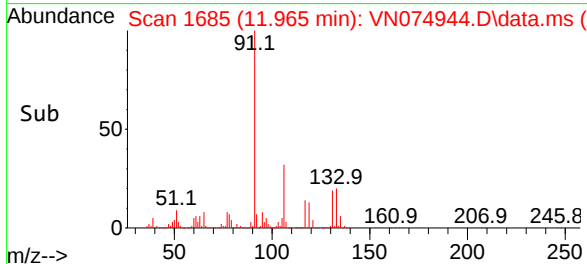
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 5571510
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.2

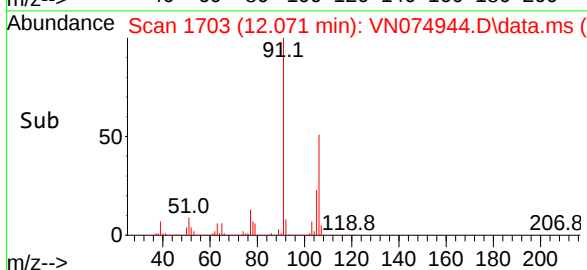
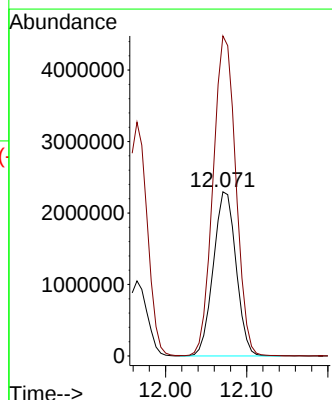
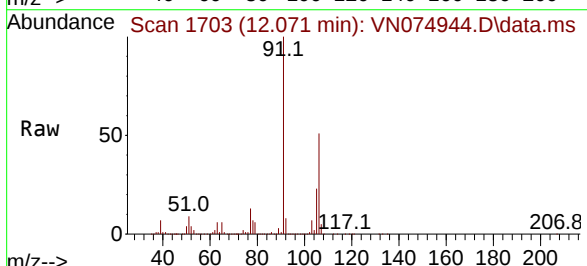
Manual Integrations
APPROVED

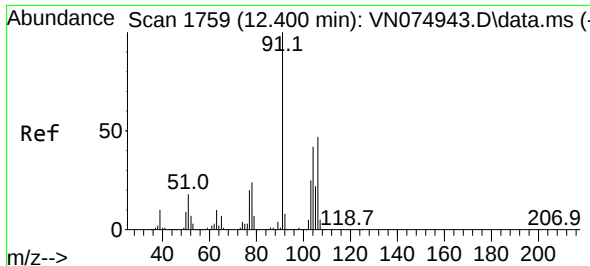
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#68
m/p-Xylenes
Concen: 237.583 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

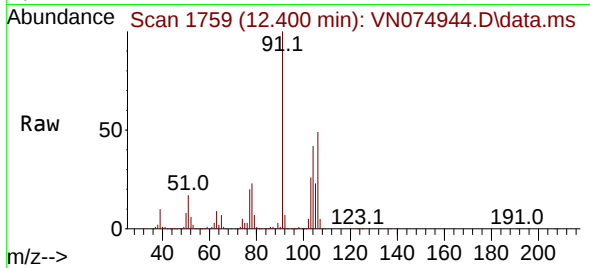
Tgt Ion:106 Resp: 4458005
Ion Ratio Lower Upper
106 100
91 195.7 159.7 239.5





#69
o-Xylene
Concen: 115.868 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

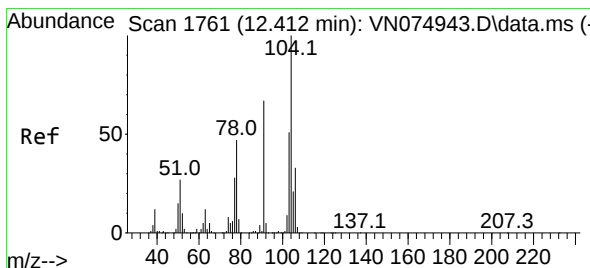
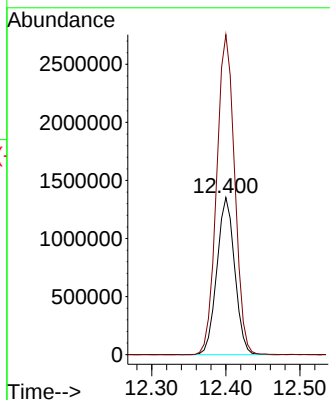
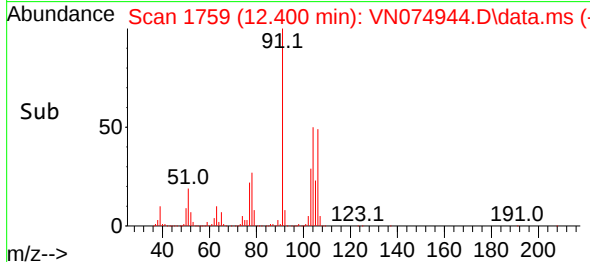
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:106 Resp: 225959
Ion Ratio Lower Upper
106 100
91 206.3 103.6 310.7

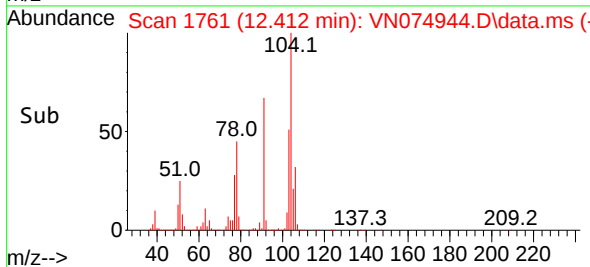
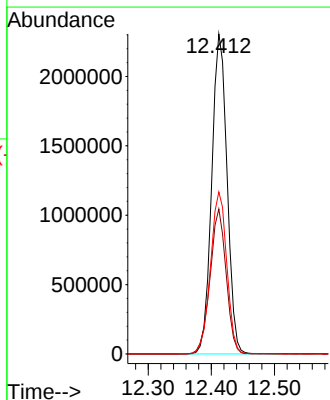
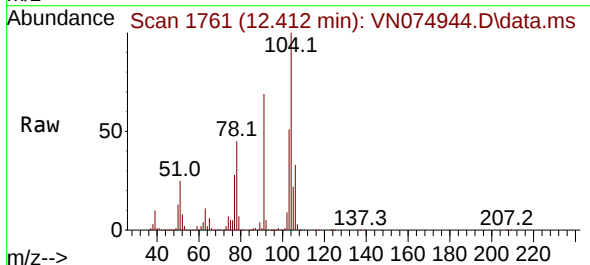
Manual Integrations
APPROVED

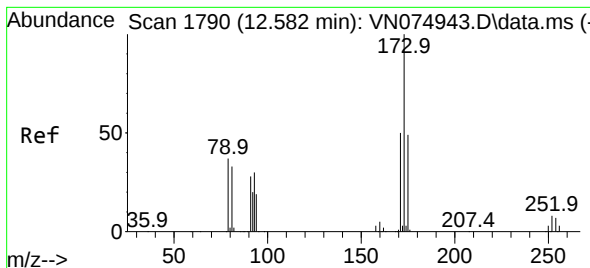
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#70
Styrene
Concen: 128.087 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Tgt Ion:104 Resp: 3886758
Ion Ratio Lower Upper
104 100
78 47.3 39.4 59.2
103 53.8 43.0 64.4





#71

Bromoform

Concen: 138.878 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN074944.D

Acq: 20 Oct 2022 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:173 Resp: 1027619

Ion Ratio Lower Upper

173 100

175 48.4 24.8 74.3

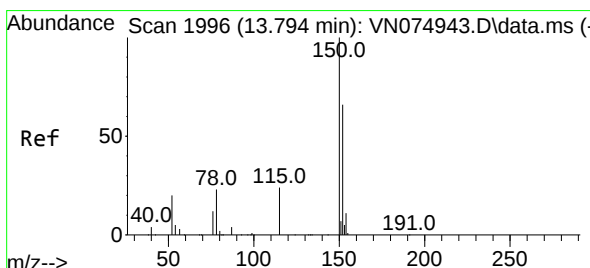
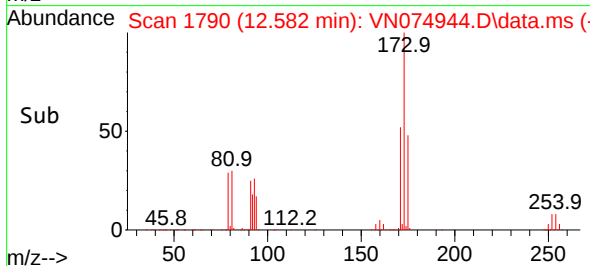
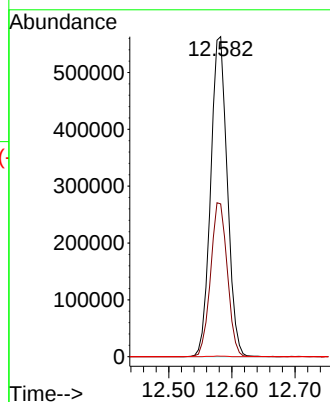
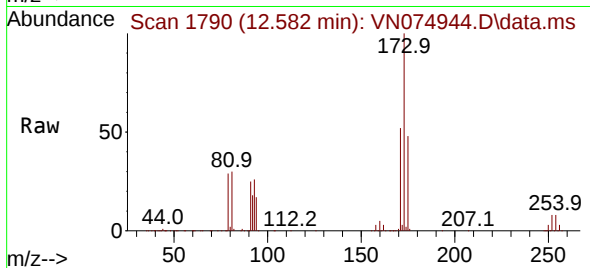
254 0.2 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN074944.D

Acq: 20 Oct 2022 16:04

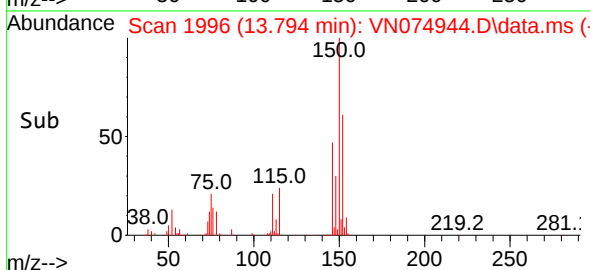
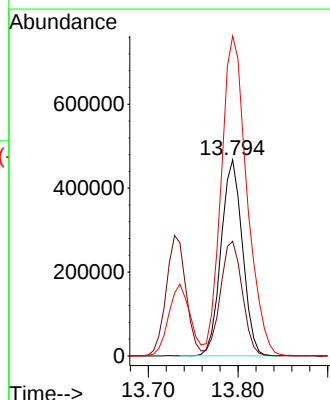
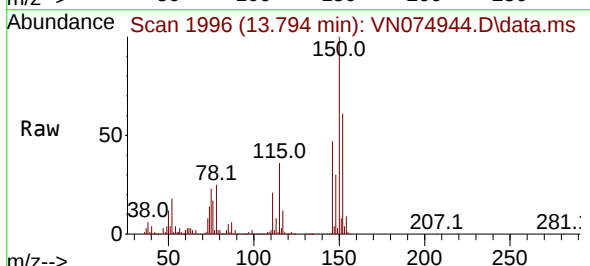
Tgt Ion:152 Resp: 773702

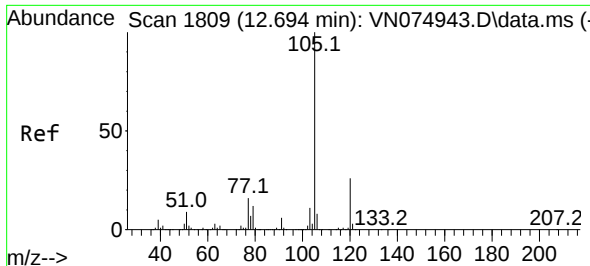
Ion Ratio Lower Upper

152 100

115 60.3 31.3 93.8

150 196.7 0.0 349.6





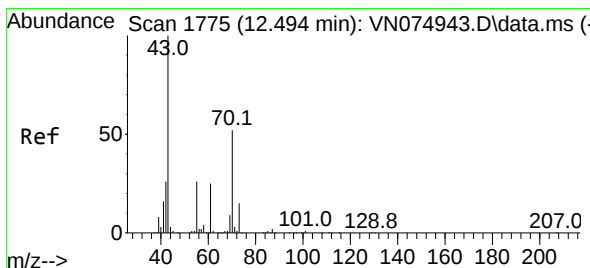
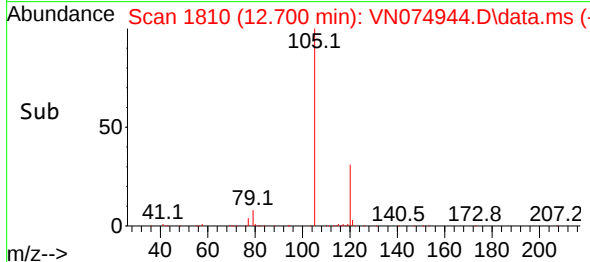
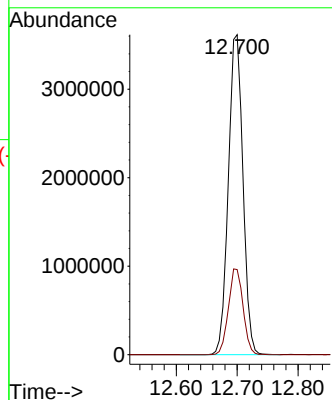
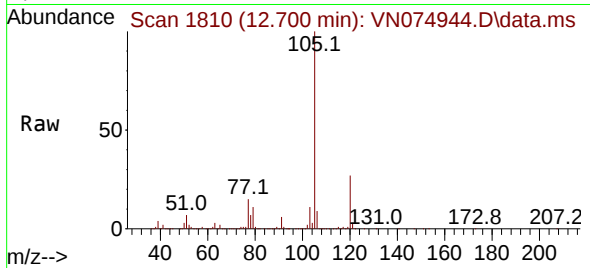
#73
Isopropylbenzene
Concen: 87.630 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:105 Resp: 6025410
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

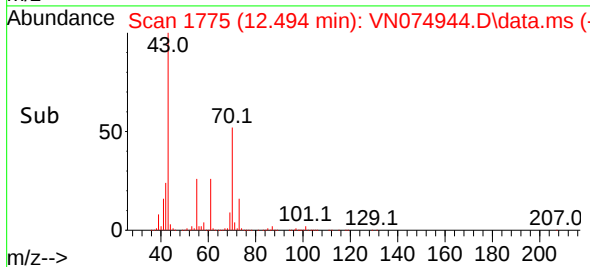
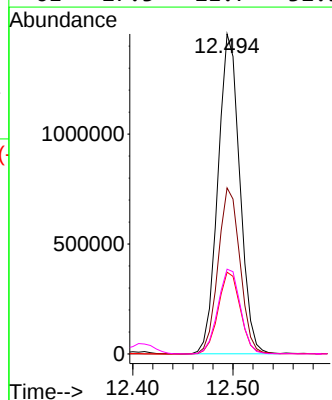
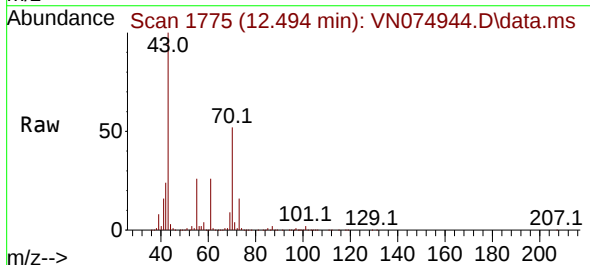
Manual Integrations
APPROVED

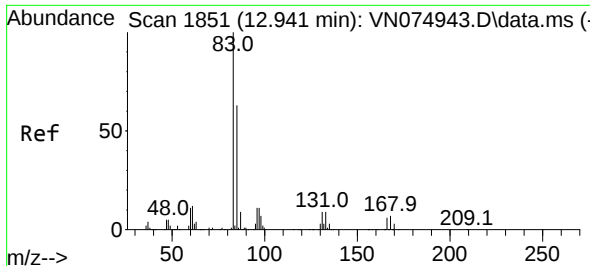
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#74
N-ethyl acetate
Concen: 64.841 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

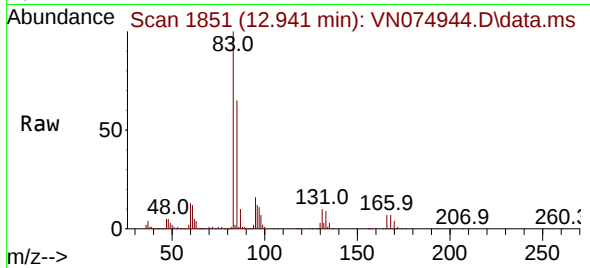
Tgt Ion: 43 Resp: 2202671
Ion Ratio Lower Upper
43 100
70 52.1 40.2 60.2
55 26.0 20.6 31.0
61 27.3 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 74.231 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

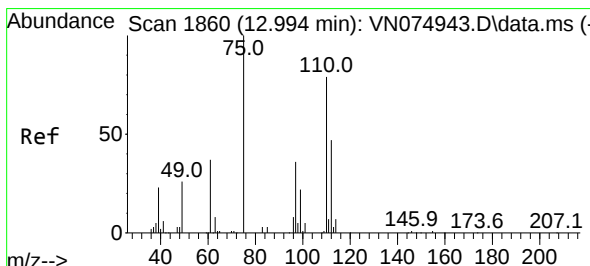
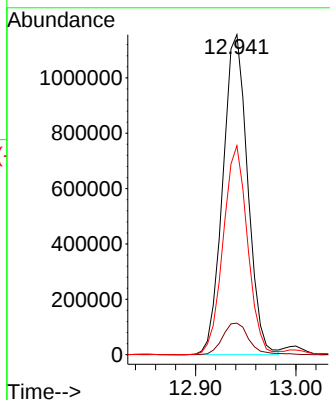
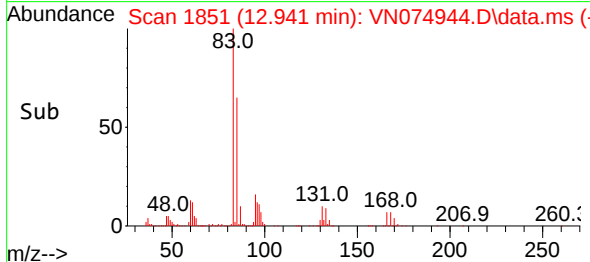
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



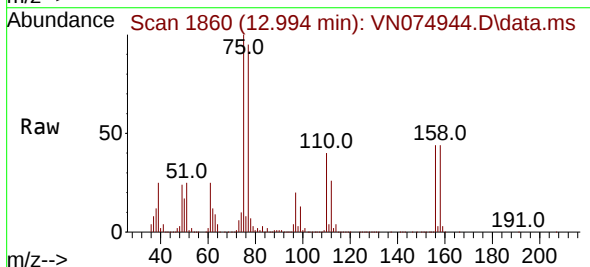
Tgt Ion: 83 Resp: 1991419
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 64.1 32.6 97.7

Manual Integrations
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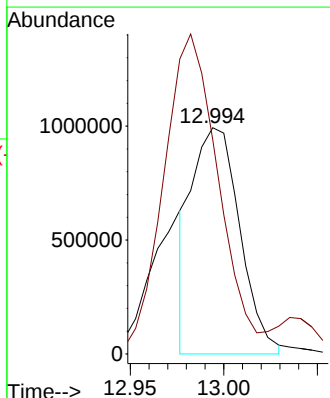
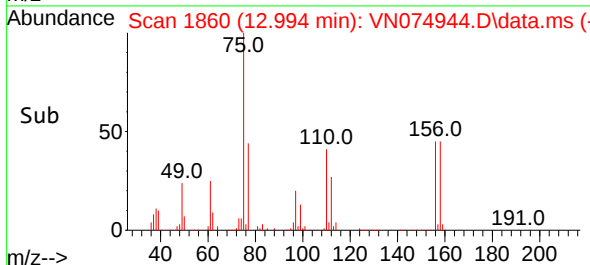
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

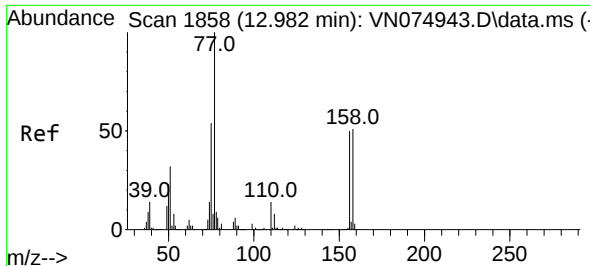


#76
1,2,3-Trichloropropane
Concen: 90.197 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04



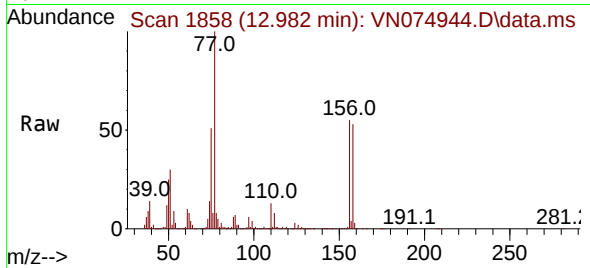
Tgt Ion: 75 Resp: 1754010
Ion Ratio Lower Upper
75 100
77 164.4 81.0 243.0





#77
Bromobenzene
Concen: 86.613 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

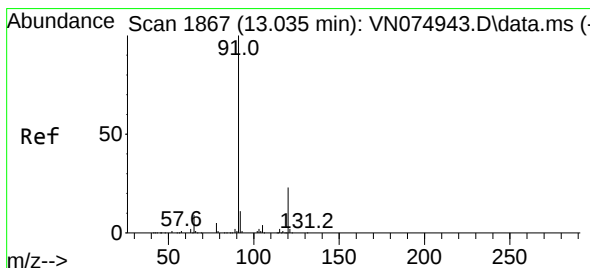
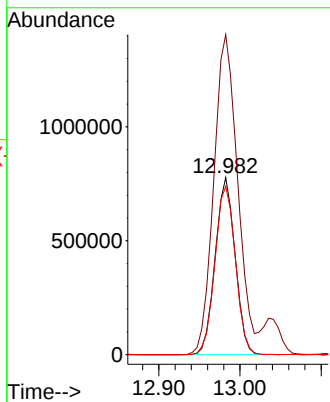
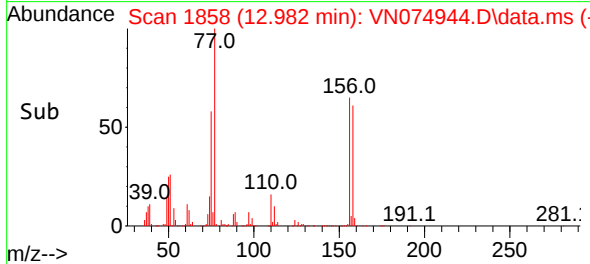
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



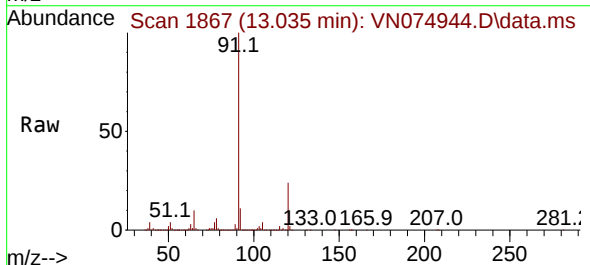
Tgt Ion:156 Resp: 132655
Ion Ratio Lower Upper
156 100
77 217.4 117.1 351.3
158 97.6 48.3 144.9

Manual Integrations
APPROVED

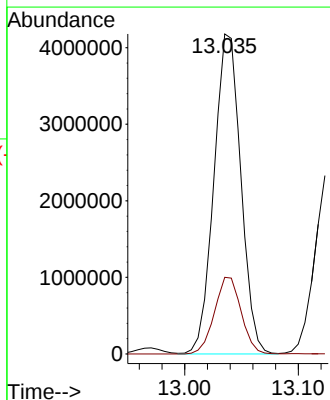
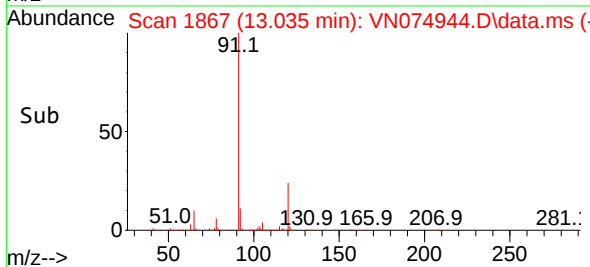
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

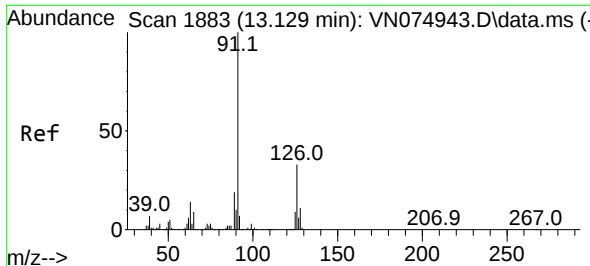


#78
n-propylbenzene
Concen: 89.164 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04



Tgt Ion: 91 Resp: 6879751
Ion Ratio Lower Upper
91 100
120 23.8 11.5 34.4





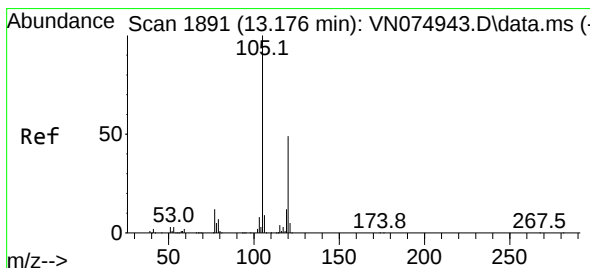
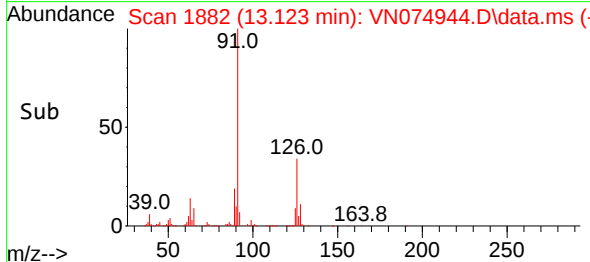
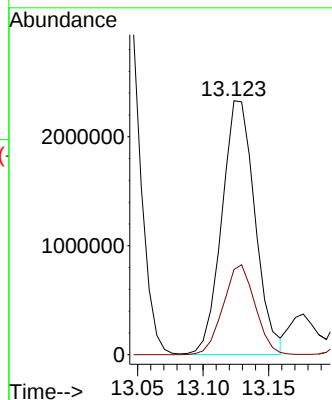
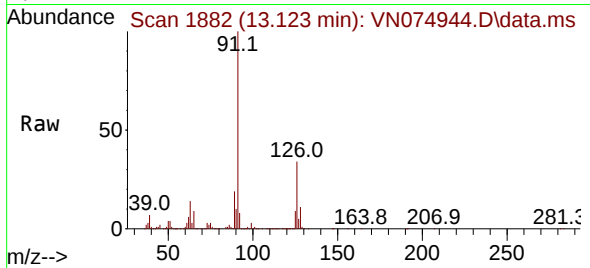
#79
2-Chlorotoluene
Concen: 93.497 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 4106454
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0

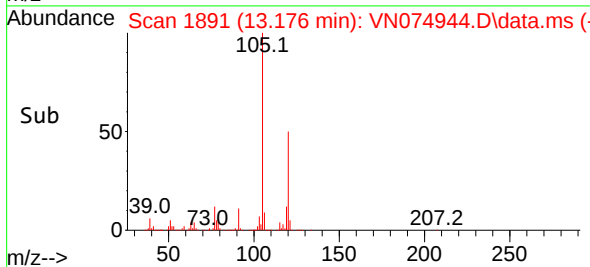
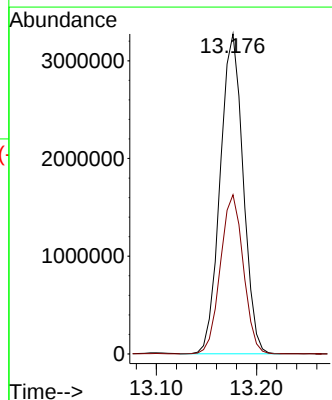
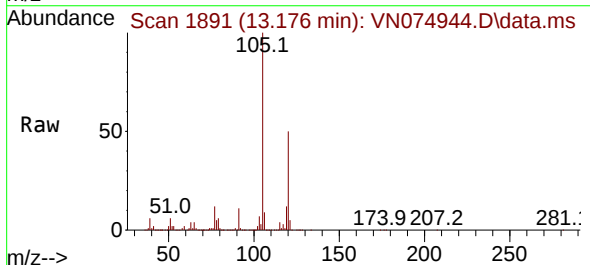
Manual Integrations
APPROVED

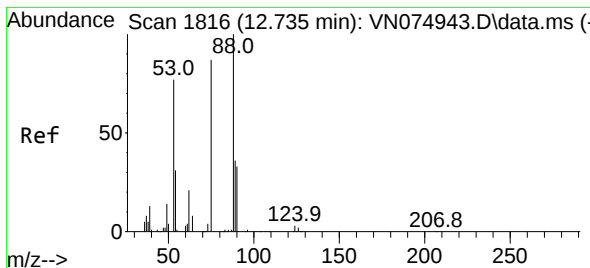
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 96.610 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

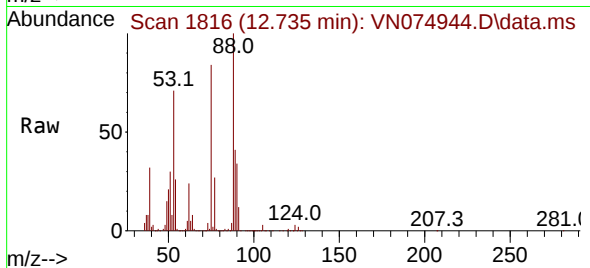
Tgt Ion:105 Resp: 5194608
Ion Ratio Lower Upper
105 100
120 49.8 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 95.694 ug/l m
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

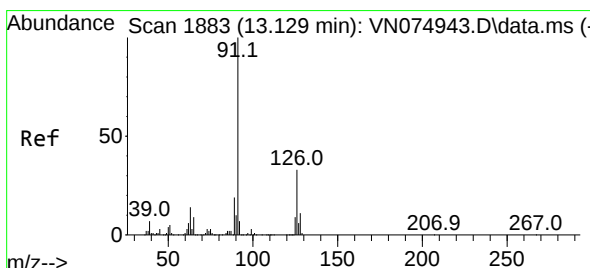
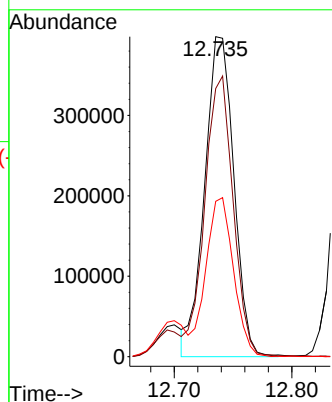
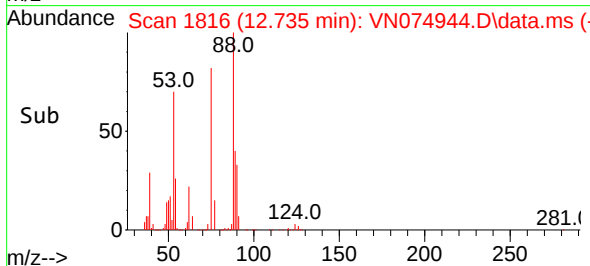
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 687604
Ion Ratio Lower Upper
75 100
53 85.4 79.2 118.8
89 47.1 37.9 56.9

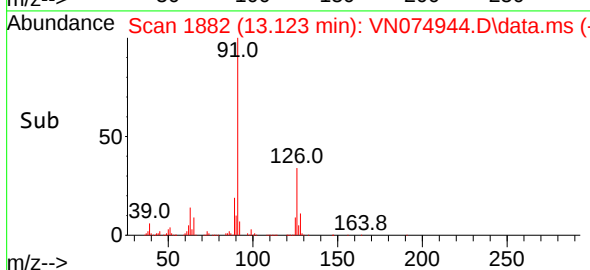
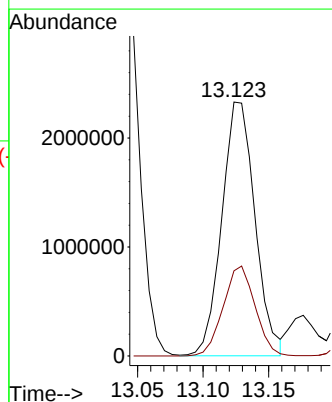
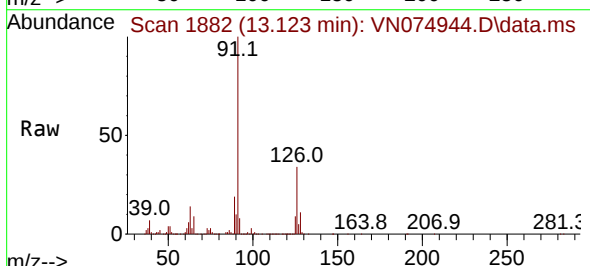
Manual Integrations
APPROVED

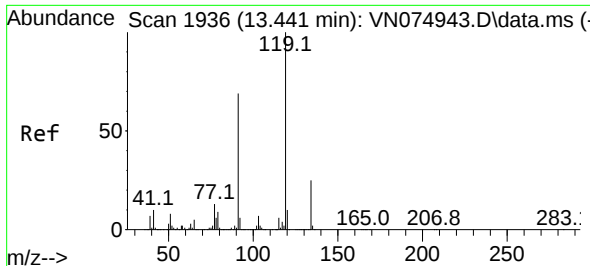
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#82
4-Chlorotoluene
Concen: 93.497 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

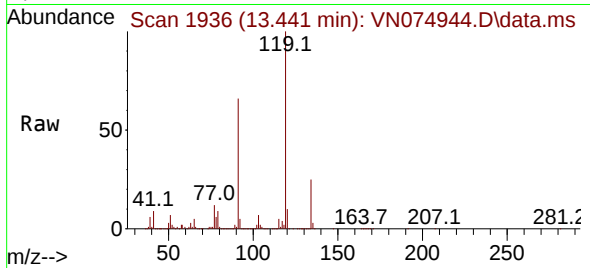
Tgt Ion: 91 Resp: 4106454
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0





#83
tert-Butylbenzene
Concen: 93.110 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

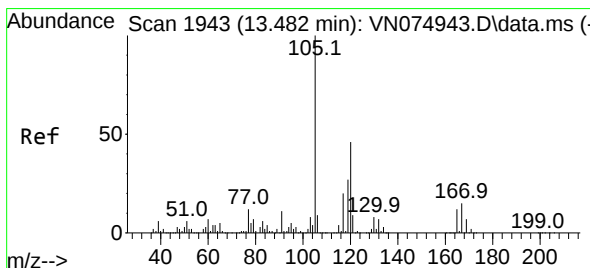
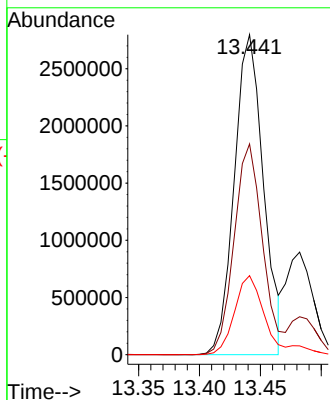
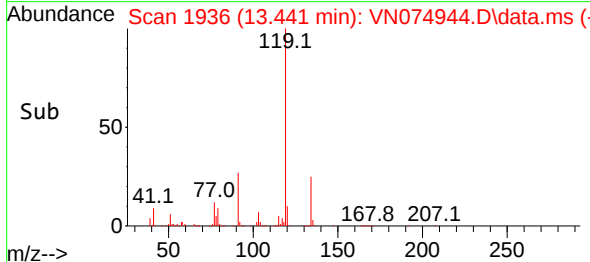
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



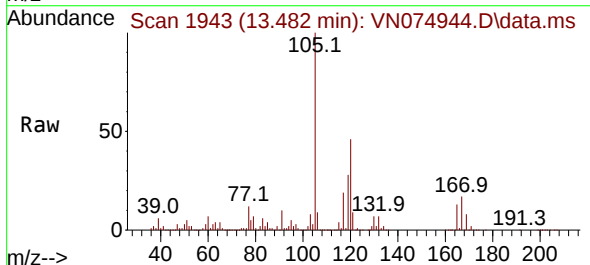
Tgt Ion:119 Resp: 4658472
Ion Ratio Lower Upper
119 100
91 65.1 33.1 99.3
134 26.5 12.4 37.0

Manual Integrations
APPROVED

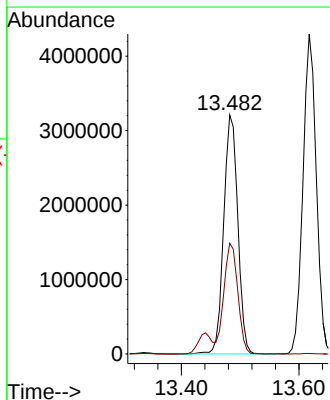
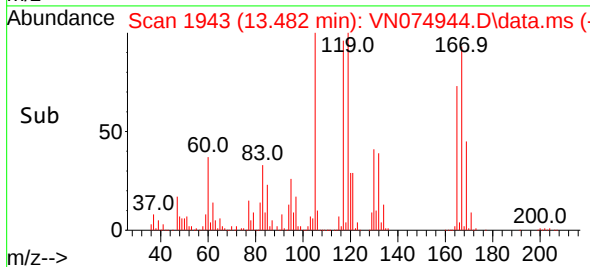
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

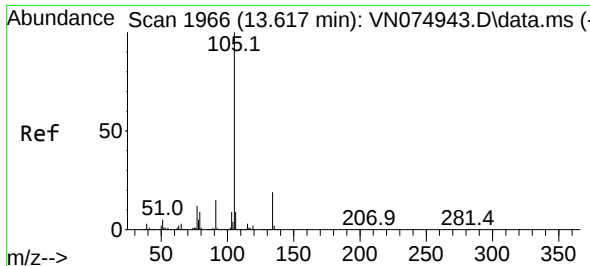


#84
1,2,4-Trimethylbenzene
Concen: 103.839 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04



Tgt Ion:105 Resp: 5341994
Ion Ratio Lower Upper
105 100
120 45.4 22.9 68.5





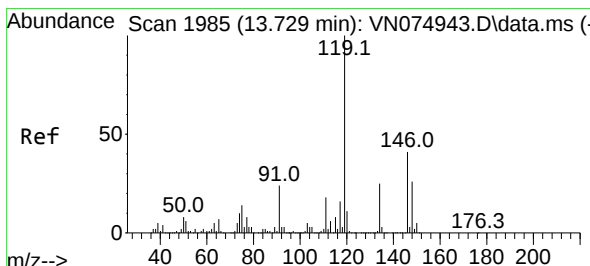
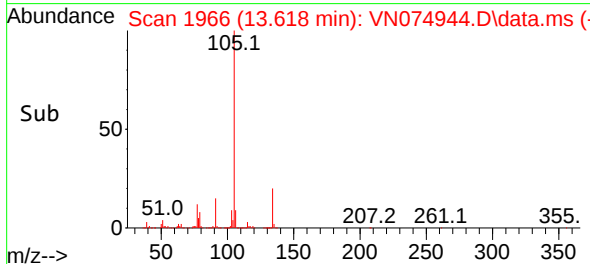
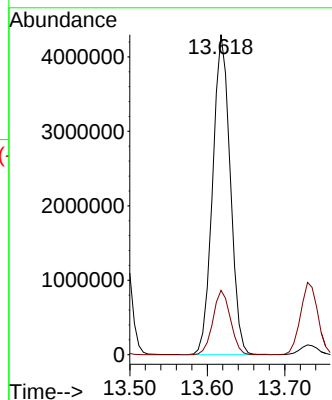
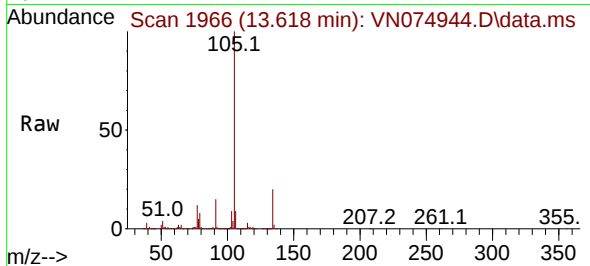
#85
 sec-Butylbenzene
 Concen: 99.500 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074944.D
 Acq: 20 Oct 2022 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Tgt Ion:105 Resp: 676472
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.7 29.1

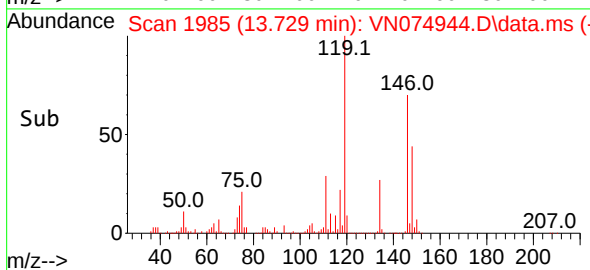
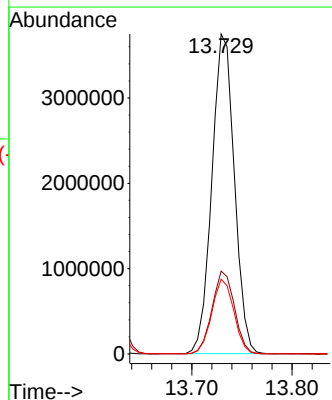
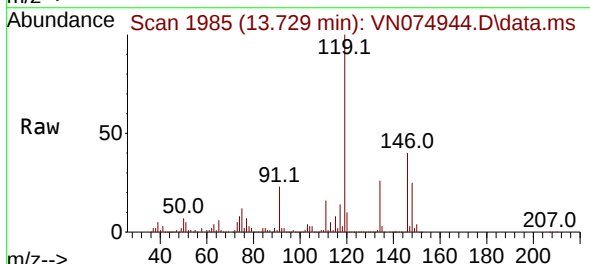
Manual Integrations
 APPROVED

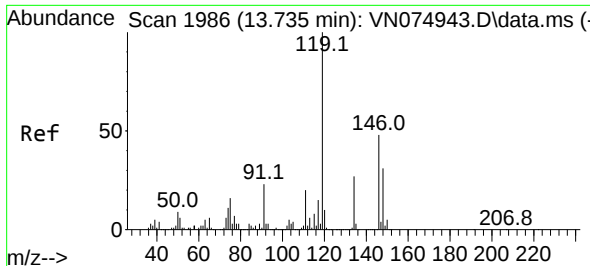
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#86
 p-Isopropyltoluene
 Concen: 113.422 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN074944.D
 Acq: 20 Oct 2022 16:04

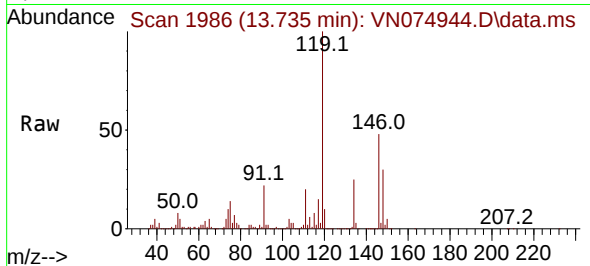
Tgt Ion:119 Resp: 5834062
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 22.9 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 110.991 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

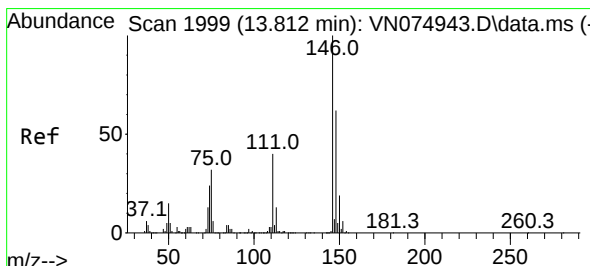
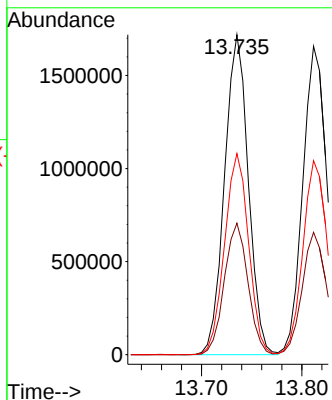
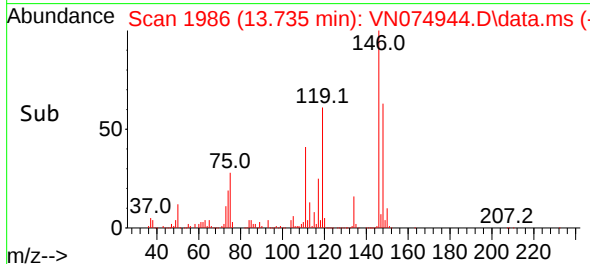
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



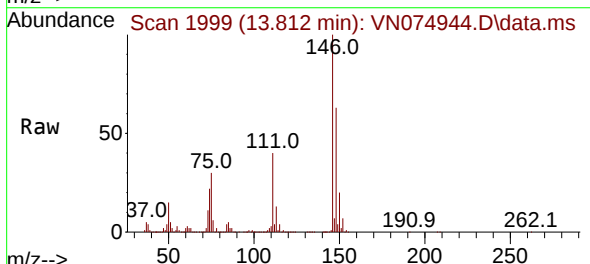
Tgt Ion:146 Resp: 283430
Ion Ratio Lower Upper
146 100
111 41.0 21.5 64.5
148 63.6 31.7 95.1

Manual Integrations
APPROVED

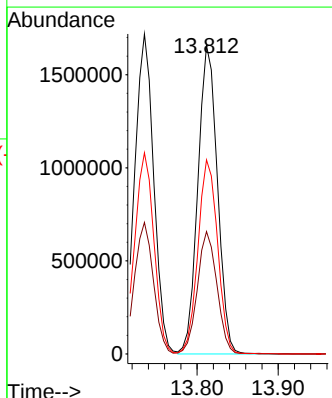
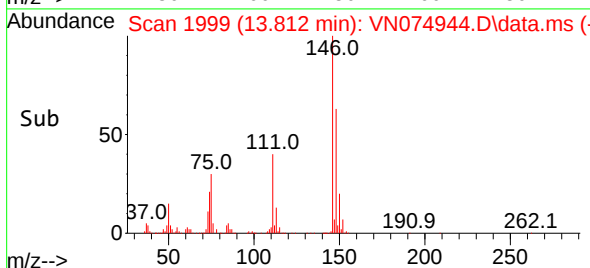
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

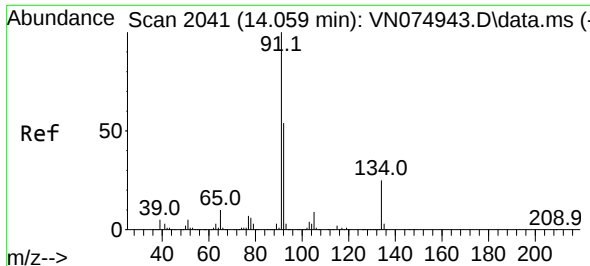


#88
1,4-Dichlorobenzene
Concen: 108.187 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04



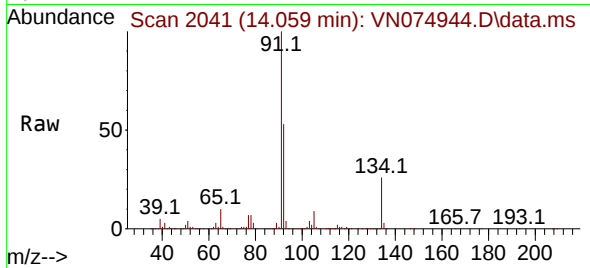
Tgt Ion:146 Resp: 2773541
Ion Ratio Lower Upper
146 100
111 39.9 20.3 61.0
148 63.1 32.3 96.9





#89
n-Butylbenzene
Concen: 116.246 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

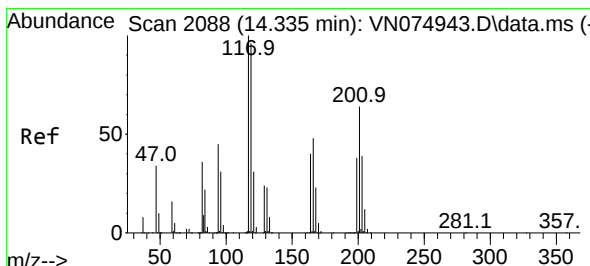
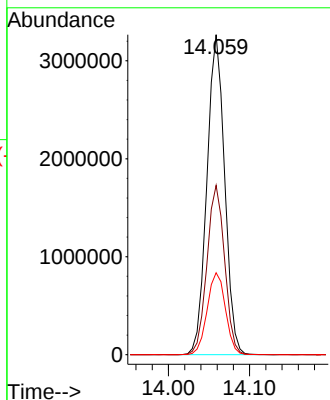
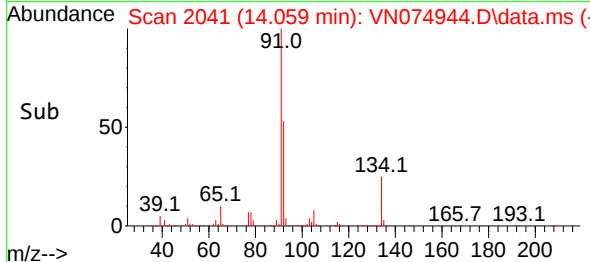
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 4949958
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.9
134 26.4 12.6 37.6

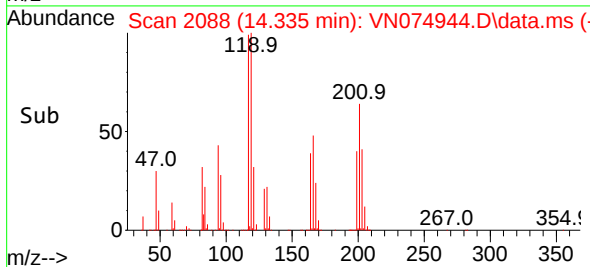
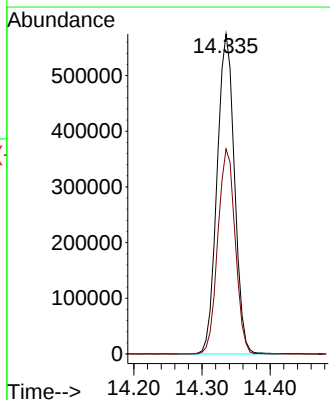
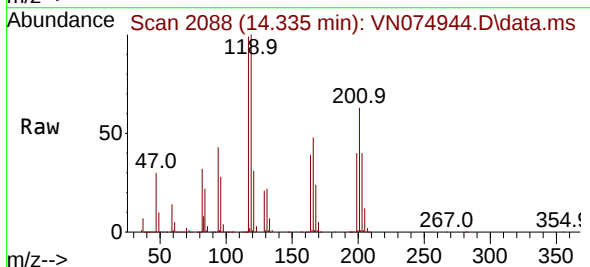
Manual Integrations
APPROVED

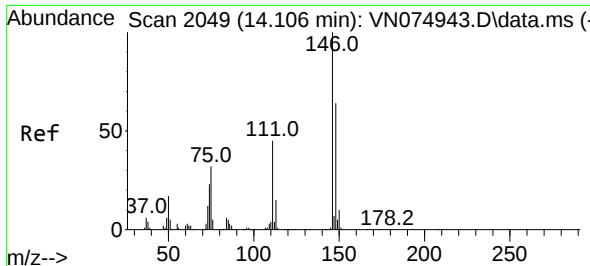
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#90
Hexachloroethane
Concen: 94.327 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

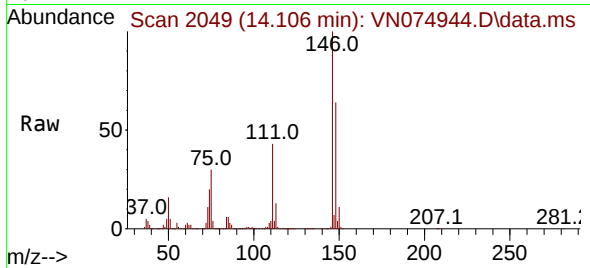
Tgt Ion:117 Resp: 1020129
Ion Ratio Lower Upper
117 100
201 63.9 30.6 91.6





#91
1,2-Dichlorobenzene
Concen: 107.359 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

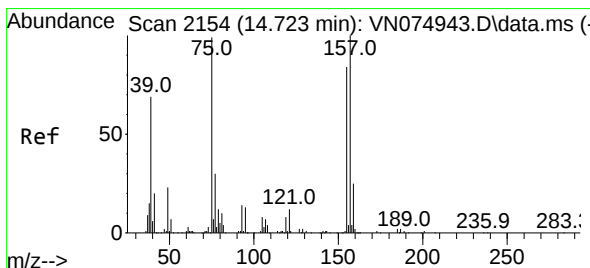
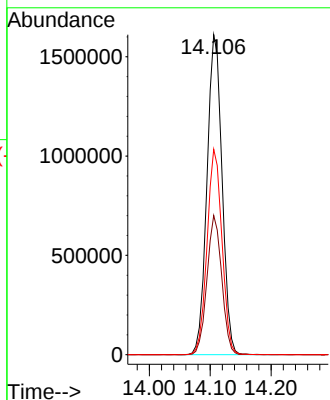
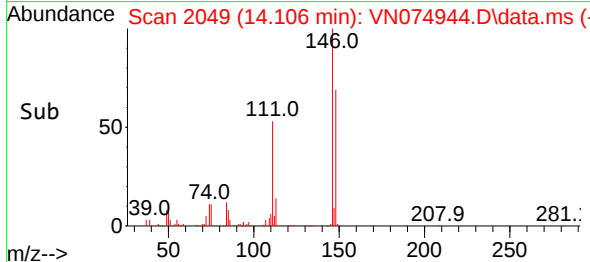
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



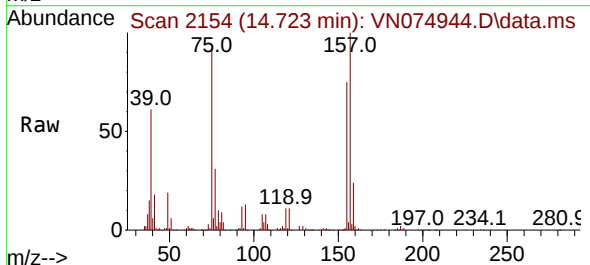
Tgt Ion:146 Resp: 276432
Ion Ratio Lower Upper
146 100
111 42.6 22.2 66.6
148 63.5 31.9 95.5

Manual Integrations
APPROVED

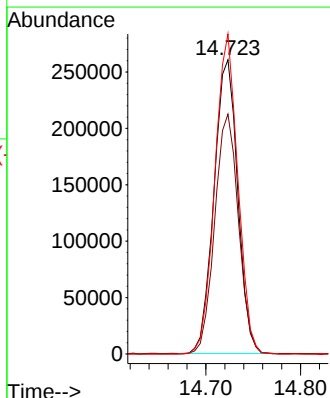
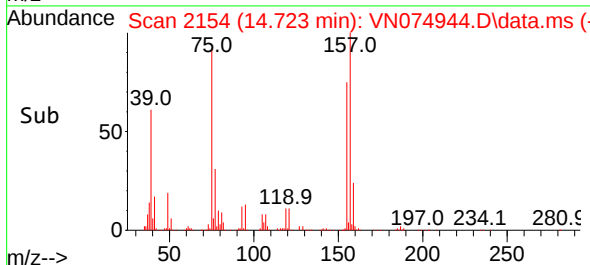
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

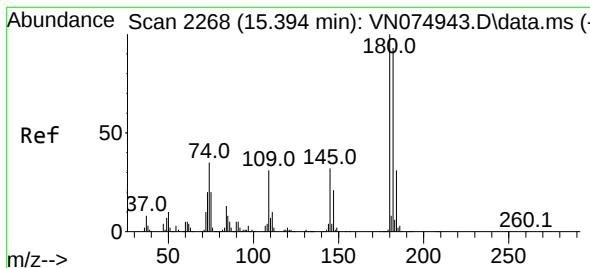


#92
1,2-Dibromo-3-Chloropropane
Concen: 104.908 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04



Tgt Ion: 75 Resp: 453093
Ion Ratio Lower Upper
75 100
155 81.8 39.6 118.8
157 105.6 47.8 143.4





#93

1,2,4-Trichlorobenzene

Concen: 103.299 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN074944.D

Acq: 20 Oct 2022 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 1313618

Ion Ratio Lower Upper

180 100

182 93.4 46.6 139.7

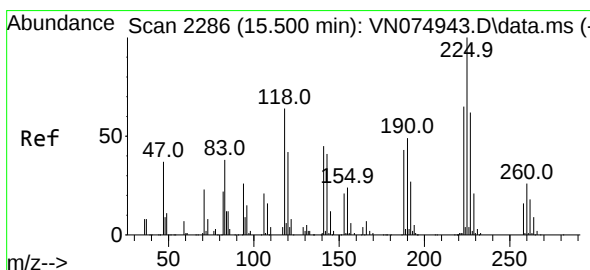
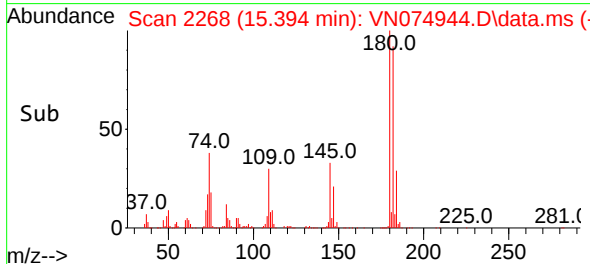
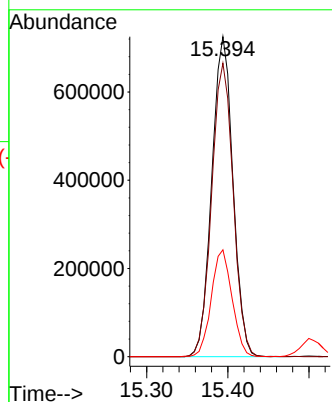
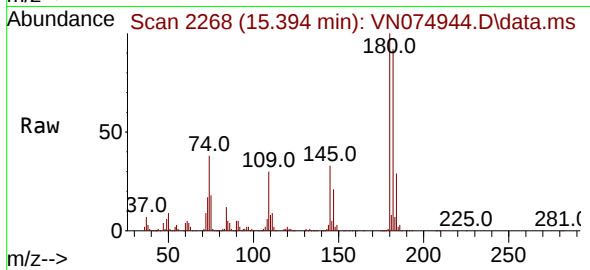
145 32.8 16.7 50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#94

Hexachlorobutadiene

Concen: 90.926 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VN074944.D

Acq: 20 Oct 2022 16:04

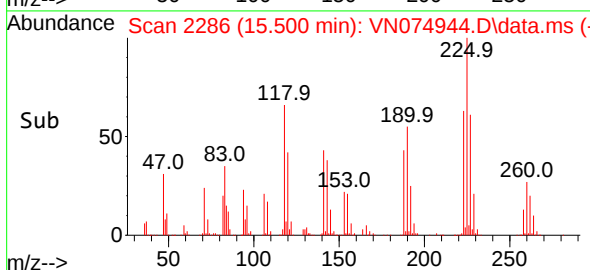
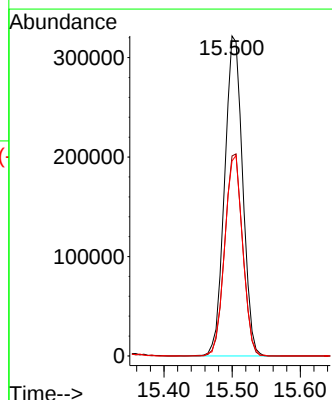
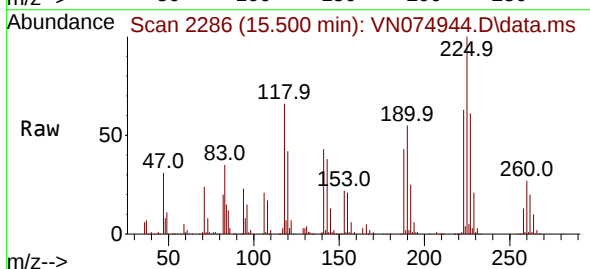
Tgt Ion:225 Resp: 591417

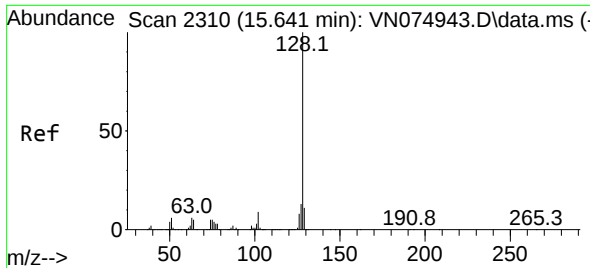
Ion Ratio Lower Upper

225 100

223 62.8 31.9 95.5

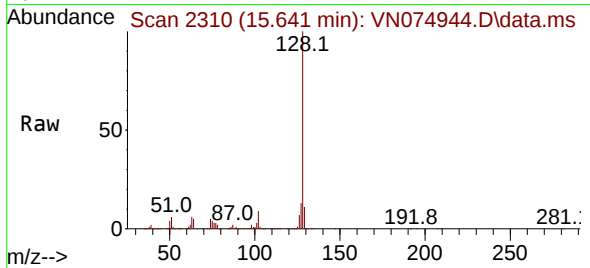
227 62.5 31.4 94.0





#95
Naphthalene
Concen: 107.417 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04

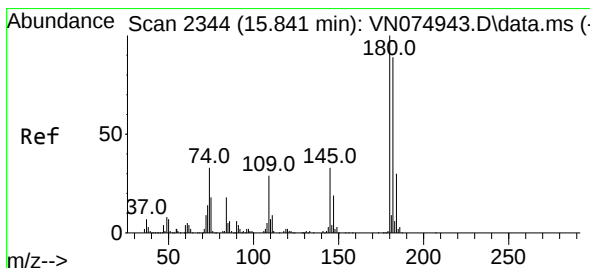
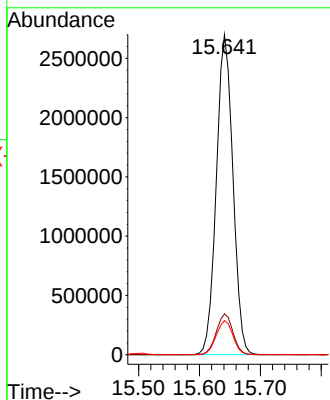
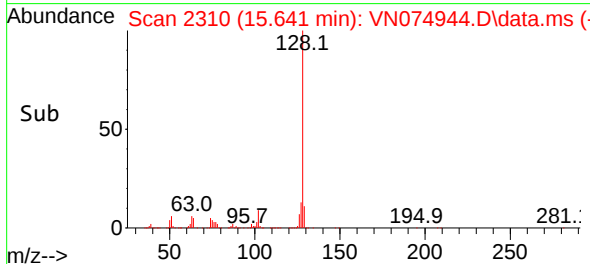
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



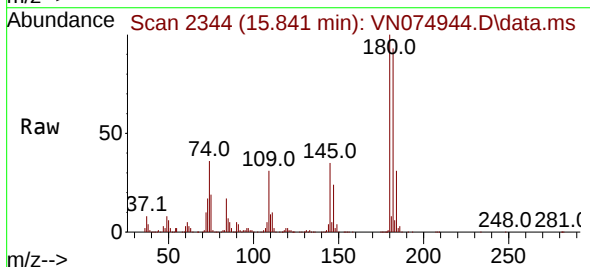
Tgt Ion:128 Resp: 5099259
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 96.845 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN074944.D
Acq: 20 Oct 2022 16:04



Tgt Ion:180 Resp: 1256029
Ion Ratio Lower Upper
180 100
182 95.9 46.7 140.1
145 35.7 17.2 51.5

