

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074372.D
 Acq On : 09 Sep 2022 12:00
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2022
 Supervised By : Mahesh Dadoda 09/12/2022

Quant Time: Sep 10 05:41:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 05:38:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	326686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	602491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	544427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	258344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	116027	20.528	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	41.060%#		
35) Dibromofluoromethane	7.951	113	81989	20.158	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.320%#		
50) Toluene-d8	10.380	98	314507	19.845	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.680%#		
62) 4-Bromofluorobenzene	12.674	95	112194	19.498	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.000%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	80826	19.091	ug/l	100
3) Chloromethane	2.263	50	108208	18.111	ug/l	92
4) Vinyl Chloride	2.404	62	141848	20.055	ug/l	99
5) Bromomethane	2.781	94	100086	20.276	ug/l	95
6) Chloroethane	2.946	64	108355	20.693	ug/l	94
7) Trichlorofluoromethane	3.304	101	141160	20.212	ug/l	91
8) Diethyl Ether	3.763	74	57955	19.667	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.128	101	80831	19.314	ug/l	98
10) Methyl Iodide	4.346	142	98210	20.300	ug/l	98
11) Tert butyl alcohol	5.287	59	146432	99.048	ug/l	100
12) 1,1-Dichloroethene	4.110	96	80463	19.758	ug/l	93
13) Acrolein	3.981	56	97873	99.663	ug/l	99
14) Allyl chloride	4.751	41	173170	19.386	ug/l	96
15) Acrylonitrile	5.469	53	337942	99.914	ug/l	100
16) Acetone	4.216	43	290678	95.259	ug/l	99
17) Carbon Disulfide	4.457	76	218685	19.758	ug/l	100
18) Methyl Acetate	4.769	43	178275	19.819	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	319867	19.515	ug/l	98
20) Methylene Chloride	5.004	84	96337	18.285	ug/l #	92
21) trans-1,2-Dichloroethene	5.504	96	85577	18.793	ug/l	92
22) Diisopropyl ether	6.410	45	349004	19.404	ug/l	94
23) Vinyl Acetate	6.345	43	1594335	100.557	ug/l	99
24) 1,1-Dichloroethane	6.298	63	180377	19.518	ug/l #	93
25) 2-Butanone	7.257	43	505330	98.654	ug/l	94
26) 2,2-Dichloropropane	7.239	77	159501	19.078	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	106355	18.917	ug/l	98
28) Bromochloromethane	7.581	49	55744	16.956	ug/l	99
29) Tetrahydrofuran	7.604	42	342625	101.188	ug/l	97
30) Chloroform	7.739	83	178025	19.298	ug/l	87
31) Cyclohexane	8.016	56	178892	19.901	ug/l	97
32) 1,1,1-Trichloroethane	7.934	97	161074	19.464	ug/l	98
36) 1,1-Dichloropropene	8.151	75	129679	19.353	ug/l	97
37) Ethyl Acetate	7.334	43	193689	19.908	ug/l	100
38) Carbon Tetrachloride	8.139	117	138081	19.960	ug/l	94
39) Methylcyclohexane	9.392	83	162349	19.116	ug/l	98
40) Benzene	8.392	78	396875	19.344	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	91646	19.001	ug/l #	87
42) 1,2-Dichloroethane	8.463	62	152855	19.489	ug/l	100
43) Isopropyl Acetate	8.492	43	315890	19.872	ug/l	99
44) Trichloroethene	9.151	130	91051	19.796	ug/l	97
45) 1,2-Dichloropropane	9.428	63	105836	19.433	ug/l	93
46) Dibromomethane	9.516	93	73829	19.799	ug/l	97
47) Bromodichloromethane	9.698	83	145943	19.635	ug/l	98
48) Methyl methacrylate	9.498	41	130452	18.621	ug/l	99
49) 1,4-Dioxane	9.510	88	55643	376.894	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	1043798	100.406	ug/l	98
52) Toluene	10.445	92	252392	19.892	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	160801	19.611	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	168118	19.232	ug/l	95
55) 1,1,2-Trichloroethane	10.839	97	104072	19.899	ug/l	95
56) Ethyl methacrylate	10.704	69	176034	19.809	ug/l	96
57) 1,3-Dichloropropane	10.986	76	178711	19.549	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.980	63	401283	97.074	ug/l	99
59) 2-Hexanone	11.027	43	812641	101.296	ug/l	98
60) Dibromochloromethane	11.175	129	107593	20.319	ug/l	98
61) 1,2-Dibromoethane	11.286	107	102052	18.967	ug/l	98
64) Tetrachloroethene	10.916	164	70060	18.983	ug/l	92
65) Chlorobenzene	11.710	112	259316	19.753	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.786	131	98545	19.217	ug/l	99
67) Ethyl Benzene	11.786	91	489458	19.740	ug/l	100
68) m/p-Xylenes	11.898	106	370991	39.800	ug/l	100
69) o-Xylene	12.221	106	187110	19.970	ug/l	100
70) Styrene	12.233	104	299575	20.111	ug/l	98
71) Bromoform	12.398	173	75737	19.718	ug/l #	98
73) Isopropylbenzene	12.521	105	488204	19.669	ug/l	99
74) N-amyl acetate	12.333	43	273650	18.936	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.774	83	175673	18.833	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	140969m	16.082	ug/l	
77) Bromobenzene	12.804	156	104287	19.572	ug/l	99
78) n-propylbenzene	12.863	91	565787	19.898	ug/l	96
79) 2-Chlorotoluene	12.951	91	338521	19.527	ug/l	100
80) 1,3,5-Trimethylbenzene	13.004	105	401733	19.509	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	60581	19.994	ug/l	95
82) 4-Chlorotoluene	13.045	91	325839	19.480	ug/l	97
83) tert-Butylbenzene	13.268	119	358564	19.341	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	407698	19.975	ug/l	99
85) sec-Butylbenzene	13.445	105	494752	19.610	ug/l	99
86) p-Isopropyltoluene	13.557	119	400587	19.837	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	192568	19.547	ug/l	99
88) 1,4-Dichlorobenzene	13.639	146	196552	19.750	ug/l	98
89) n-Butylbenzene	13.886	91	340630	19.822	ug/l	100
90) Hexachloroethane	14.157	117	80783	18.936	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	196891	19.004	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	44506	17.528	ug/l	99
93) 1,2,4-Trichlorobenzene	15.198	180	96425	18.677	ug/l	98
94) Hexachlorobutadiene	15.304	225	43458	18.572	ug/l	99
95) Naphthalene	15.439	128	392483	19.432	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	98965	18.524	ug/l	98

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ClientSampleId :
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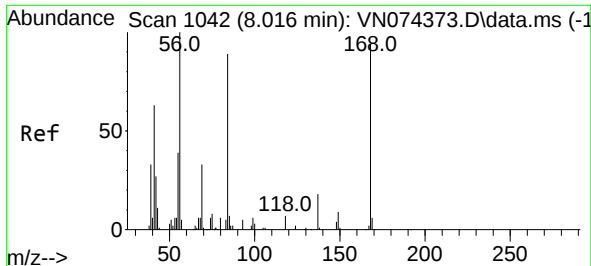
Manual Integrations
APPROVED

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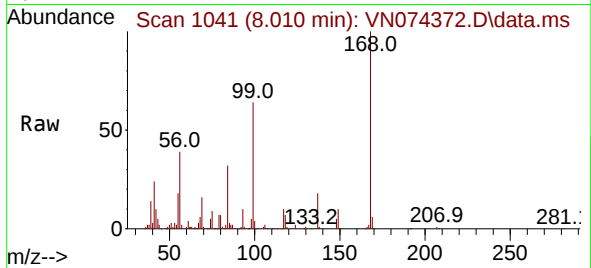
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

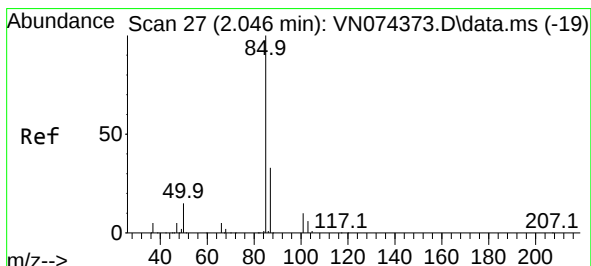
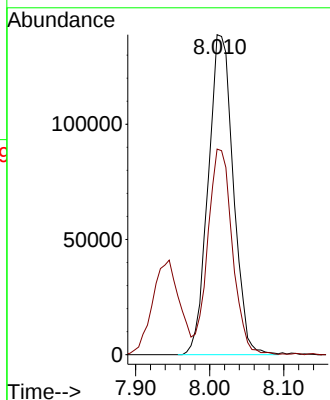
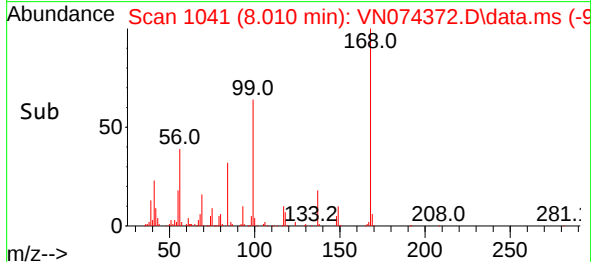
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 326680
Ion Ratio Lower Upper
168 100
99 64.1 52.8 79.2

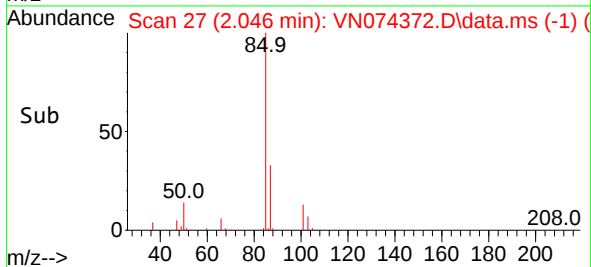
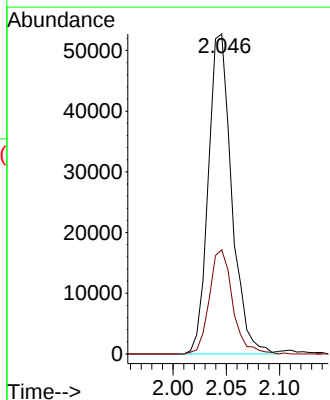
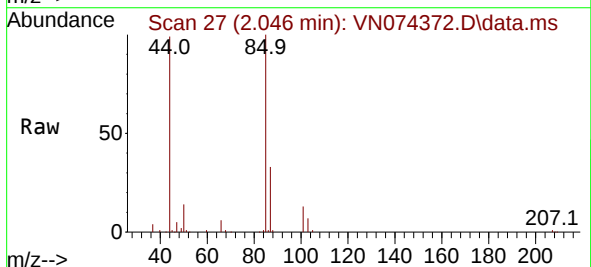
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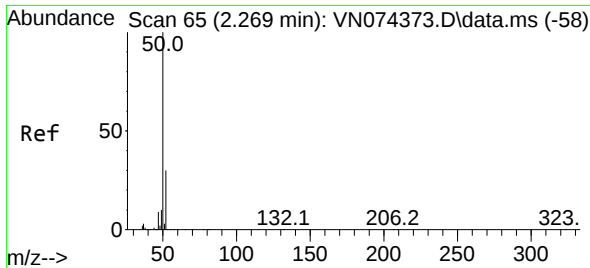
Reviewed By :John Carlone 09/12/2022
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#2
Dichlorodifluoromethane
Concen: 19.091 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

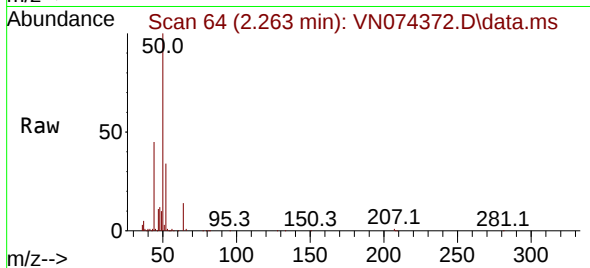
Tgt Ion: 85 Resp: 80826
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.2





#3
Chloromethane
Concen: 18.111 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

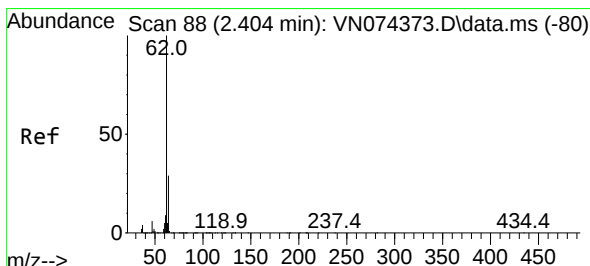
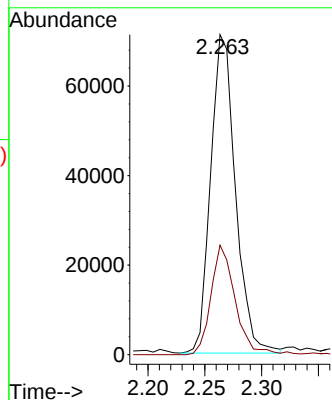
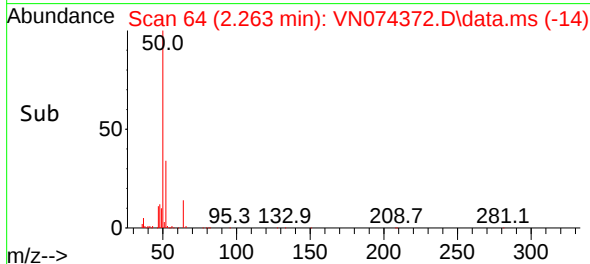
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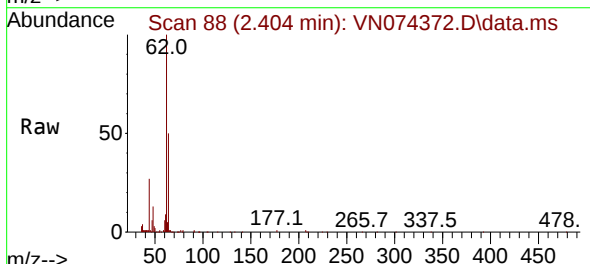
Tgt Ion: 50 Resp: 108208
Ion Ratio Lower Upper
50 100
52 34.4 24.1 36.1

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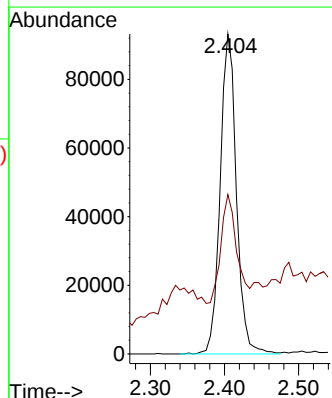
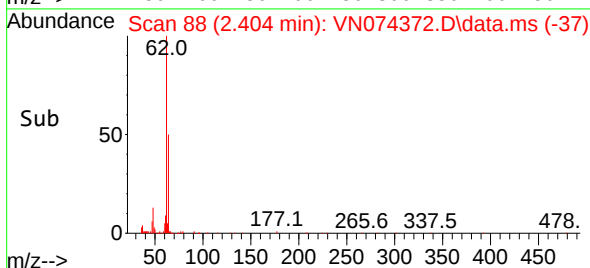
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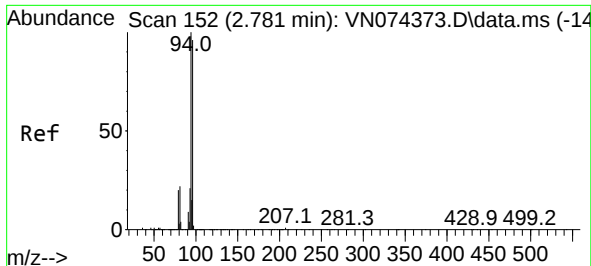


#4
Vinyl Chloride
Concen: 20.055 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00



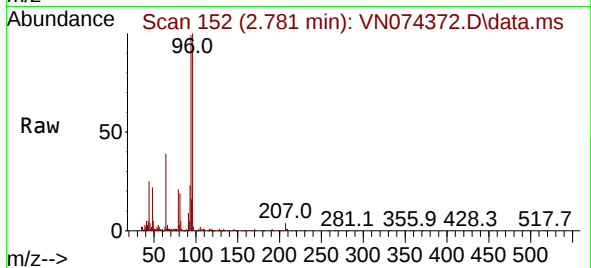
Tgt Ion: 62 Resp: 141848
Ion Ratio Lower Upper
62 100
64 29.8 23.5 35.3





#5
Bromomethane
Concen: 20.276 ug/l
RT: 2.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

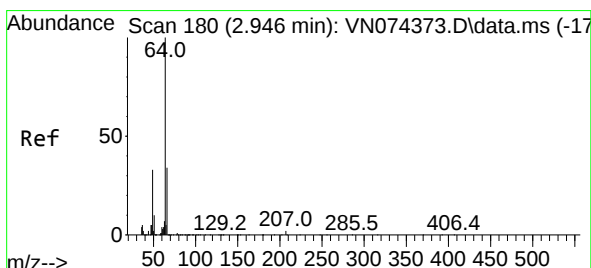
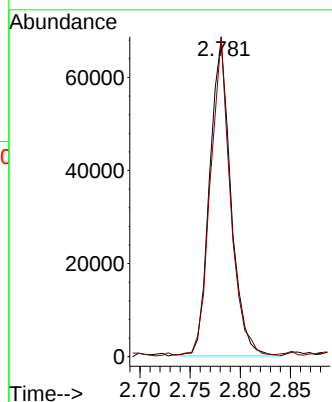
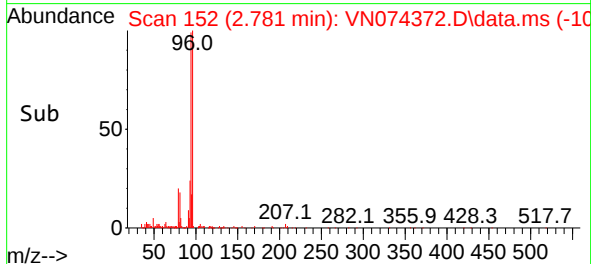
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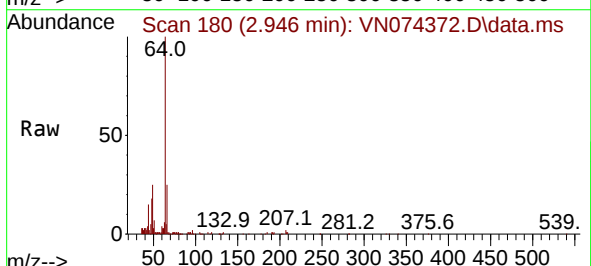
Tgt Ion: 94 Resp: 100080
Ion Ratio Lower Upper
94 100
96 101.0 76.7 115.1

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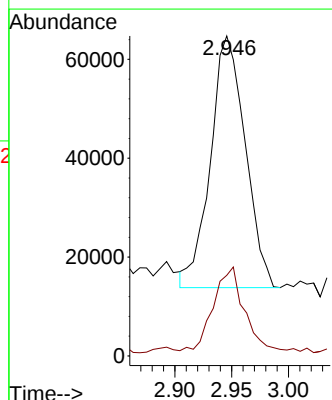
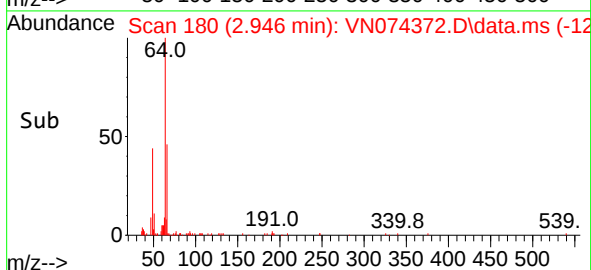
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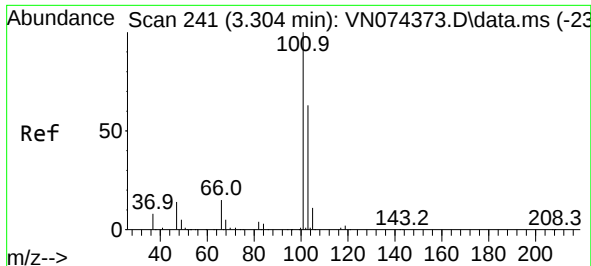


#6
Chloroethane
Concen: 20.693 ug/l
RT: 2.946 min Scan# 180
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00



Tgt Ion: 64 Resp: 108355
Ion Ratio Lower Upper
64 100
66 30.0 26.5 39.7





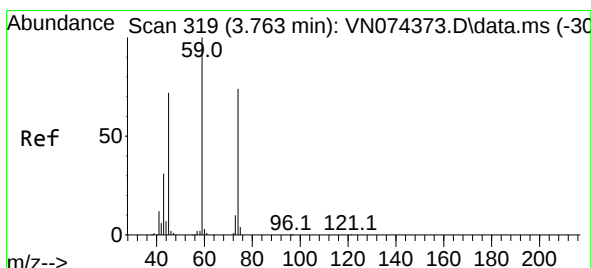
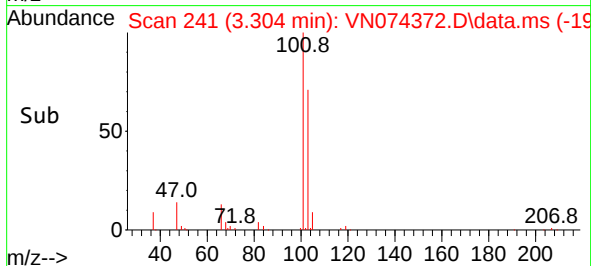
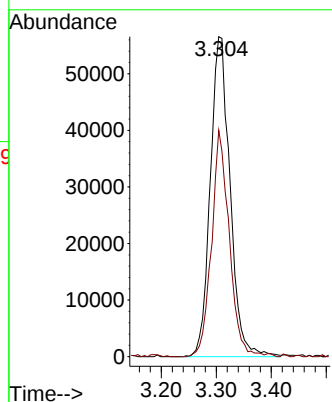
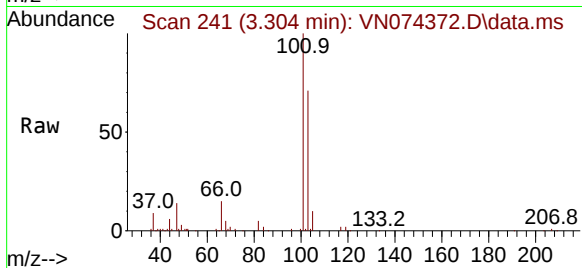
#7
 Trichlorofluoromethane
 Concen: 20.212 ug/l
 RT: 3.304 min Scan# 241
 Delta R.T. 0.000 min
 Lab File: VN074372.D
 Acq: 09 Sep 2022 12:00

Instrument :
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 ClientSampleId :
 VSTDIC020

Tgt Ion: 101 Resp: 141160
 Ion Ratio Lower Upper
 101 100
 103 70.8 50.8 76.2

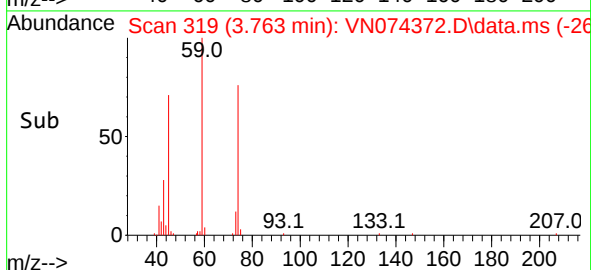
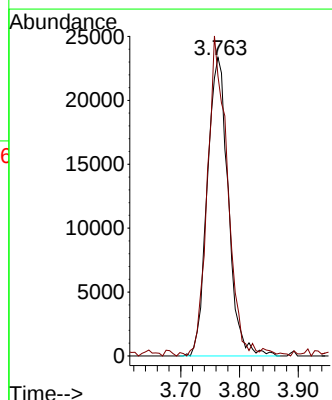
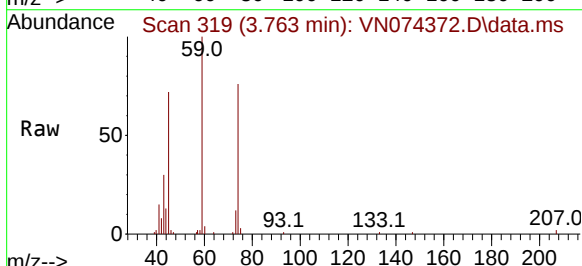
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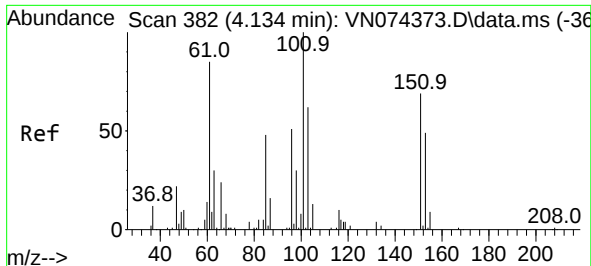
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#8
 Diethyl Ether
 Concen: 19.667 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN074372.D
 Acq: 09 Sep 2022 12:00

Tgt Ion: 74 Resp: 57955
 Ion Ratio Lower Upper
 74 100
 45 102.5 52.4 157.3





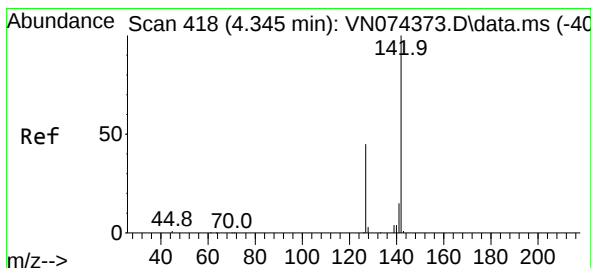
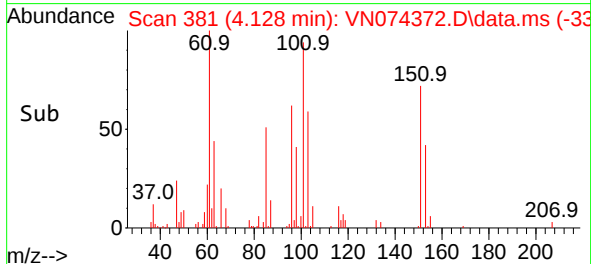
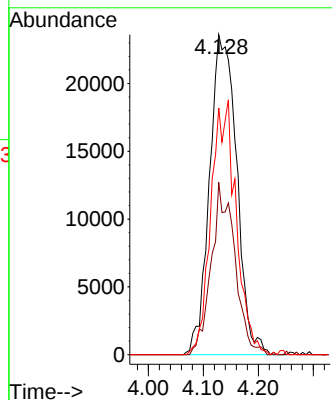
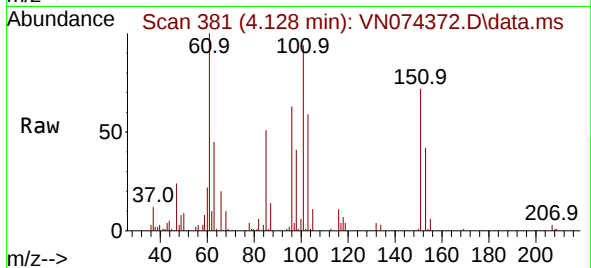
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.314 ug/l
RT: 4.128 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 8083
Ion Ratio Lower Upper
101 100
85 46.7 39.5 59.3
151 73.3 57.8 86.6

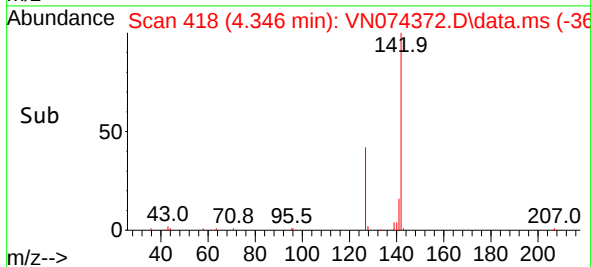
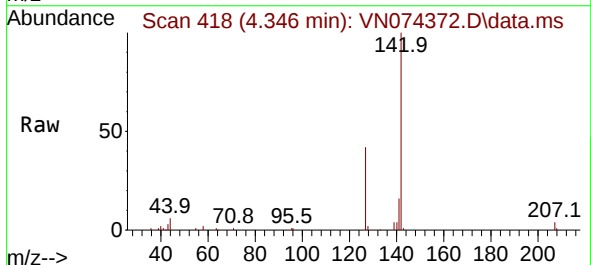
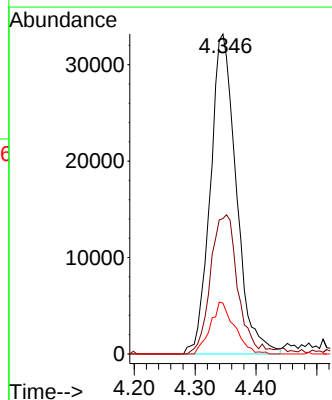
Manual Integrations
APPROVED

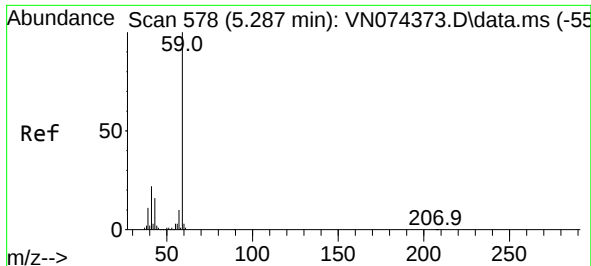
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#10
Methyl Iodide
Concen: 20.300 ug/l
RT: 4.346 min Scan# 418
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

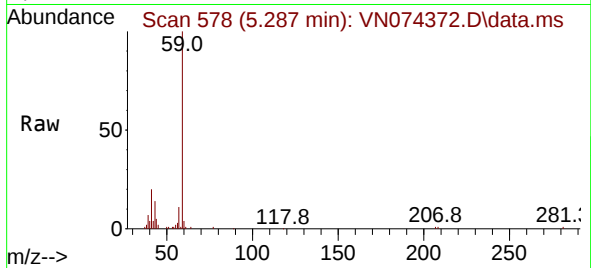
Tgt Ion:142 Resp: 98210
Ion Ratio Lower Upper
142 100
127 45.7 37.4 56.2
141 15.1 11.2 16.8





#11
Tert butyl alcohol
Concen: 99.048 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

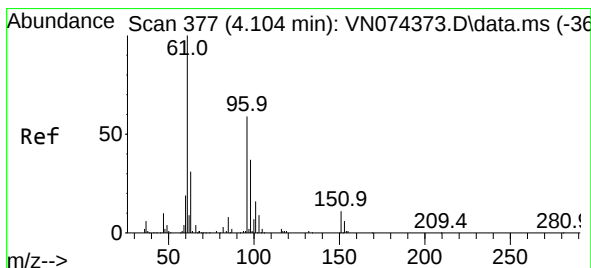
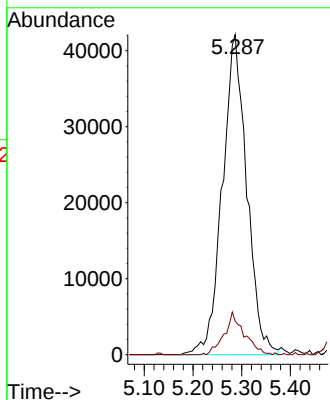
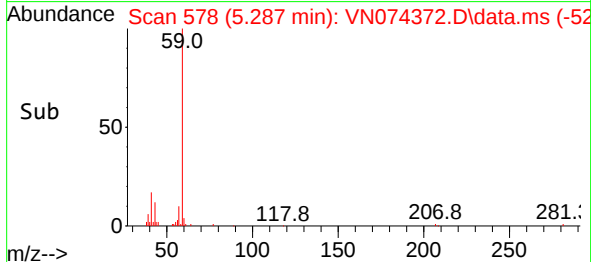
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



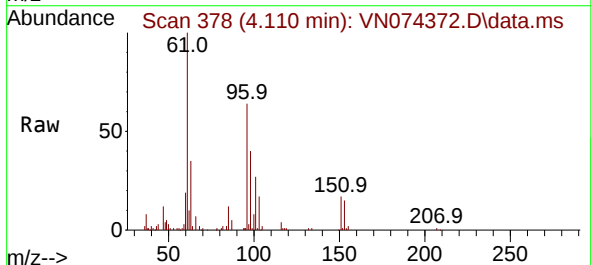
Tgt Ion: 59 Resp: 146432
Ion Ratio Lower Upper
59 100
57 10.9 8.8 13.2

Manual Integrations
APPROVED

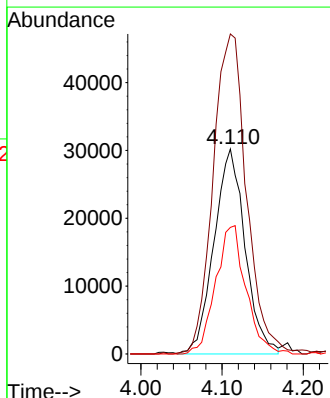
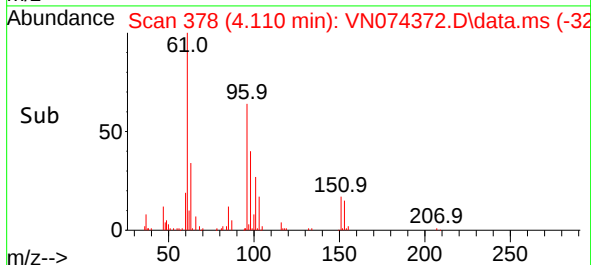
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

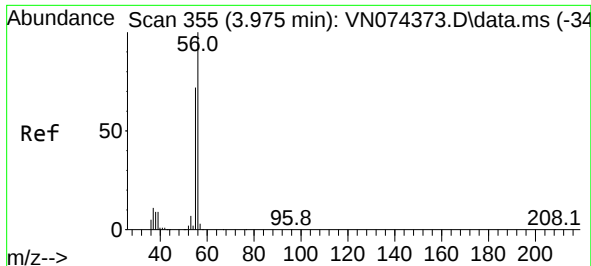


#12
1,1-Dichloroethene
Concen: 19.758 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00



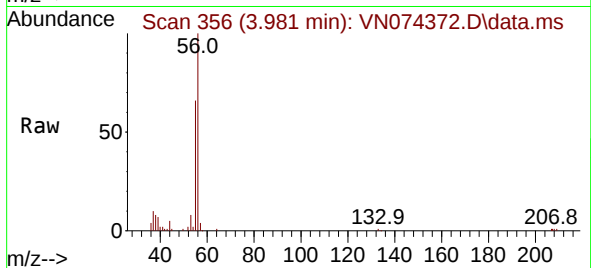
Tgt Ion: 96 Resp: 80463
Ion Ratio Lower Upper
96 100
61 155.5 134.7 202.1
98 61.8 50.2 75.4





#13
Acrolein
Concen: 99.663 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

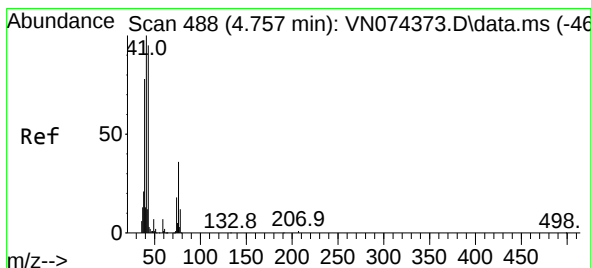
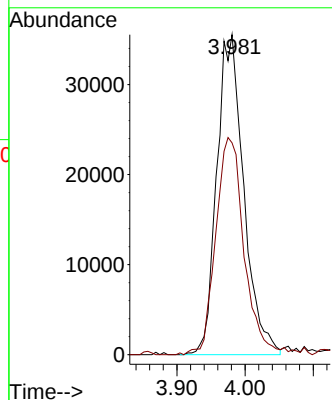
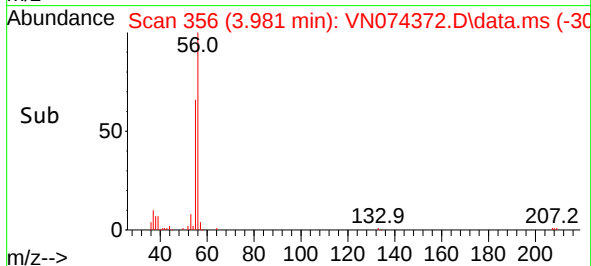
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 9787
Ion Ratio Lower Upper
56 100
55 71.5 56.2 84.4

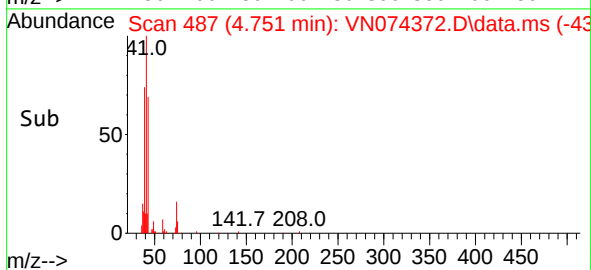
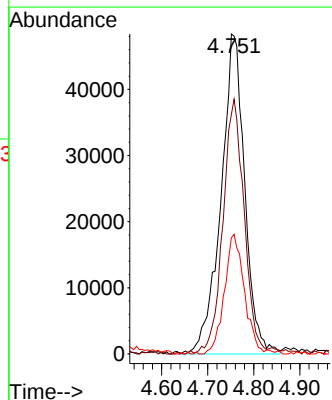
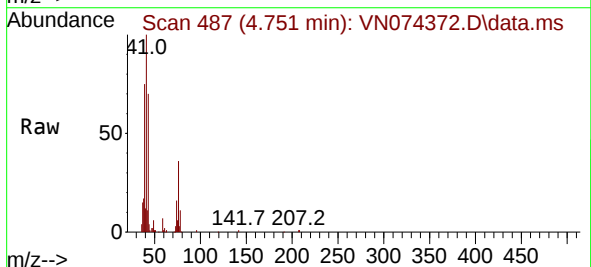
Manual Integrations
APPROVED

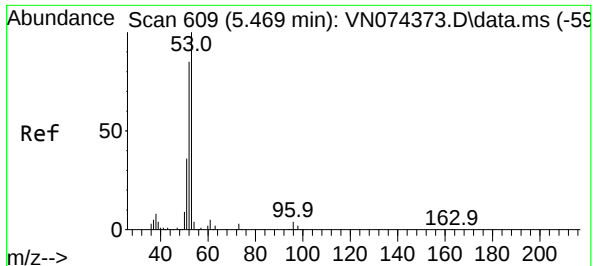
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#14
Allyl chloride
Concen: 19.386 ug/l
RT: 4.751 min Scan# 487
Delta R.T. -0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

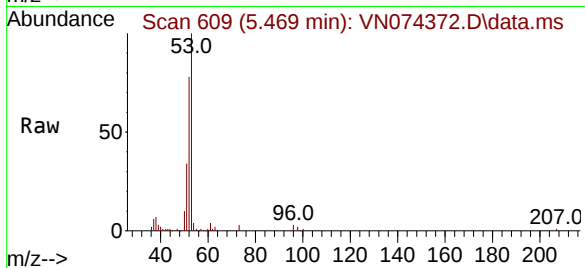
Tgt Ion: 41 Resp: 173170
Ion Ratio Lower Upper
41 100
39 69.8 58.5 87.7
76 31.8 24.2 36.4





#15
Acrylonitrile
Concen: 99.914 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

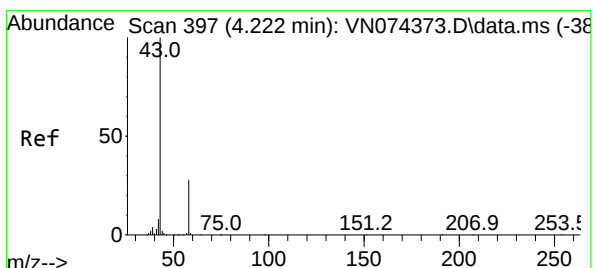
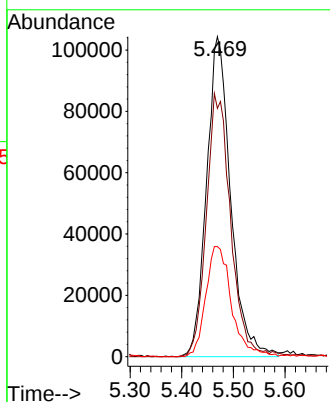
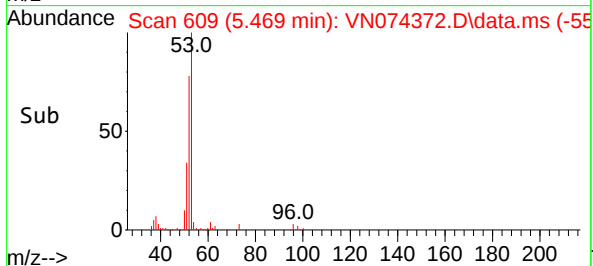
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



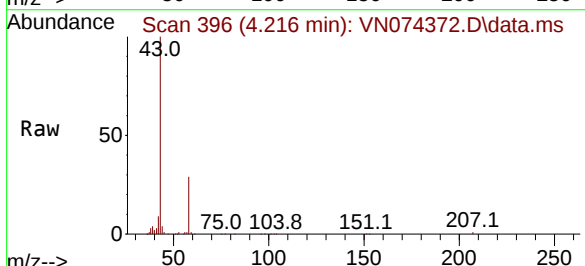
Tgt Ion: 53 Resp: 33794
Ion Ratio Lower Upper
53 100
52 82.2 65.9 98.9
51 36.8 29.4 44.2

Manual Integrations
APPROVED

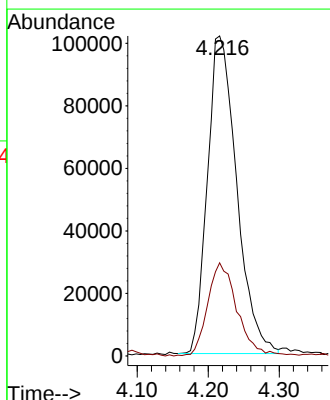
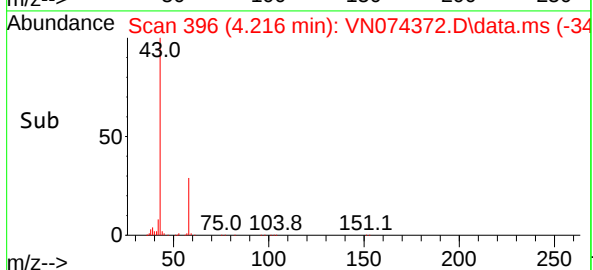
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

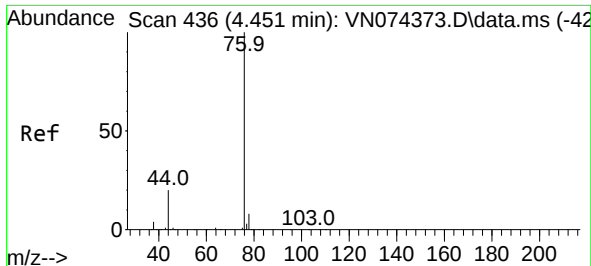


#16
Acetone
Concen: 95.259 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00



Tgt Ion: 43 Resp: 290678
Ion Ratio Lower Upper
43 100
58 28.7 22.7 34.1





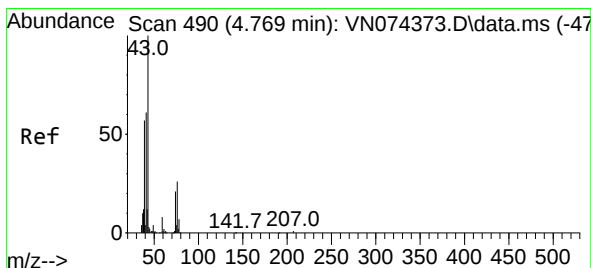
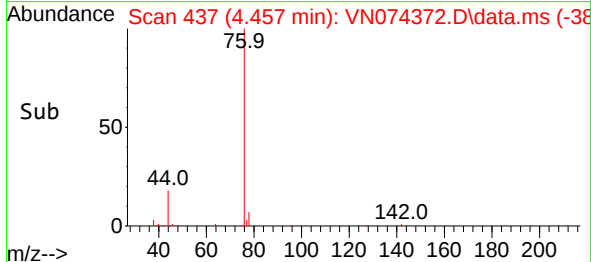
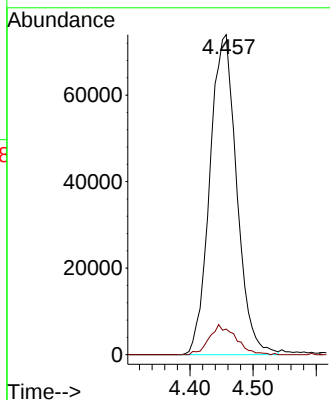
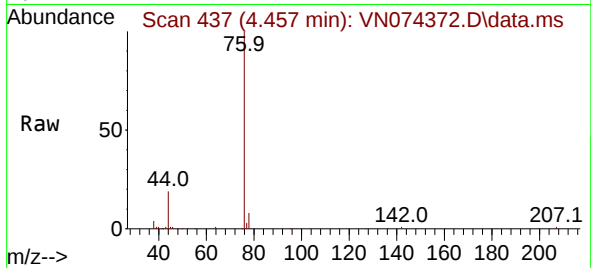
#17
Carbon Disulfide
Concen: 19.758 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 21868
Ion Ratio Lower Upper
76 100
78 8.0 6.5 9.7

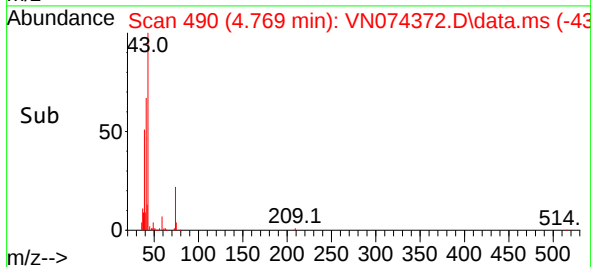
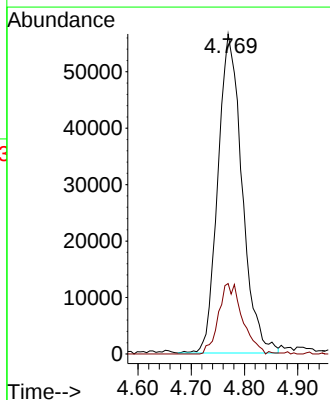
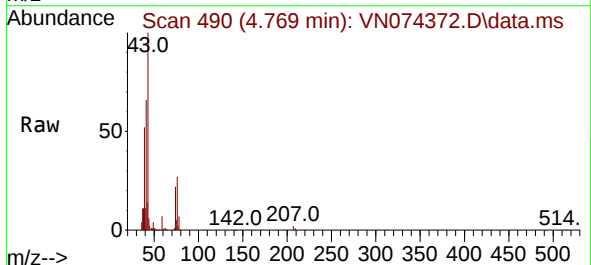
Manual Integrations
APPROVED

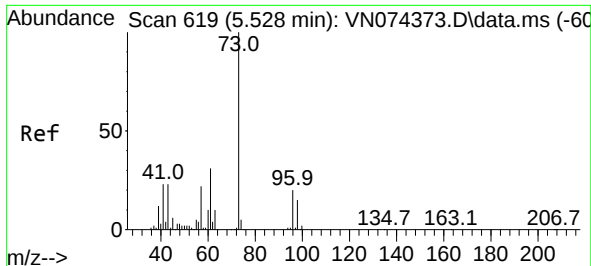
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#18
Methyl Acetate
Concen: 19.819 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

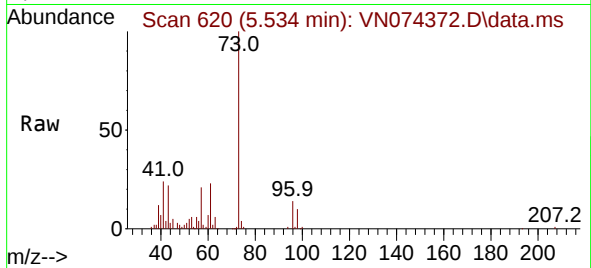
Tgt Ion: 43 Resp: 178275
Ion Ratio Lower Upper
43 100
74 22.0 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 19.515 ug/l
RT: 5.534 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

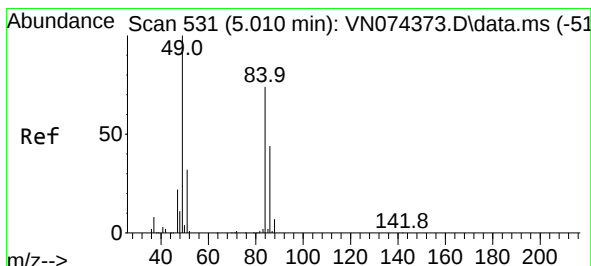
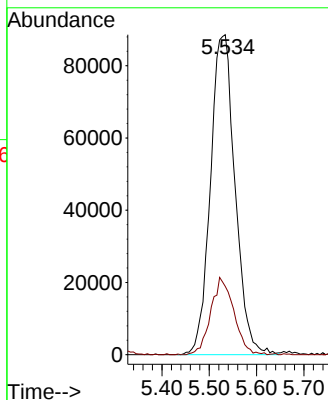
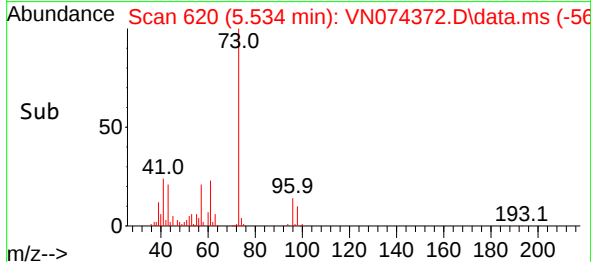
Instrument :
MSVOA_N
Client Sample Id :
VSTDICC020



Tgt Ion: 73 Resp: 31986
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5

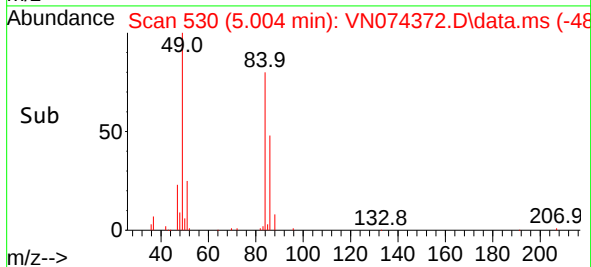
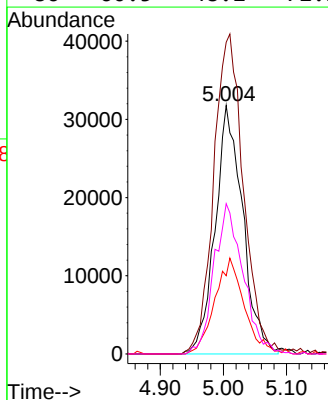
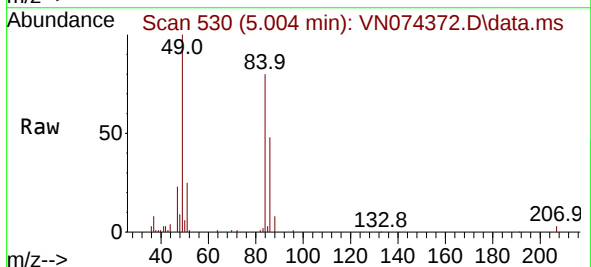
Manual Integrations
APPROVED

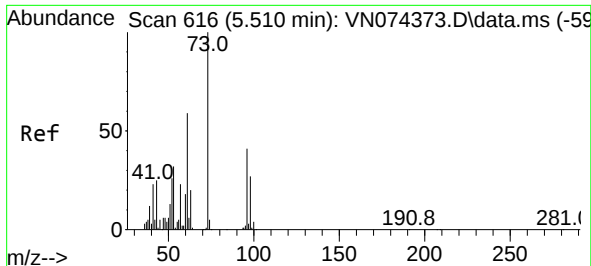
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#20
Methylene Chloride
Concen: 18.285 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

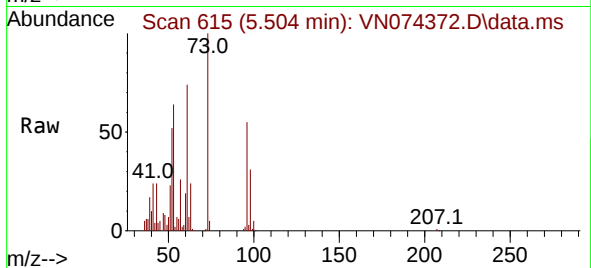
Tgt Ion: 84 Resp: 96337
Ion Ratio Lower Upper
84 100
49 125.4 108.2 162.4
51 31.5 34.3 51.5#
86 60.5 48.2 72.2





#21
trans-1,2-Dichloroethene
Concen: 18.793 ug/l
RT: 5.504 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

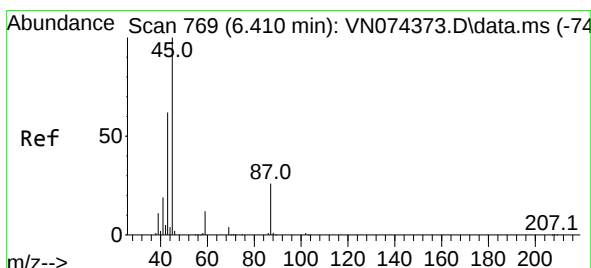
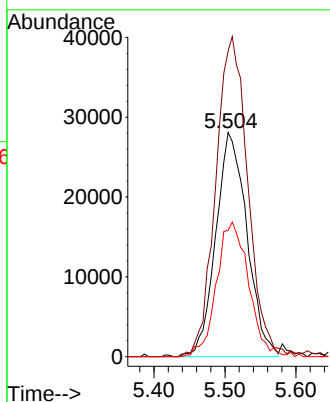
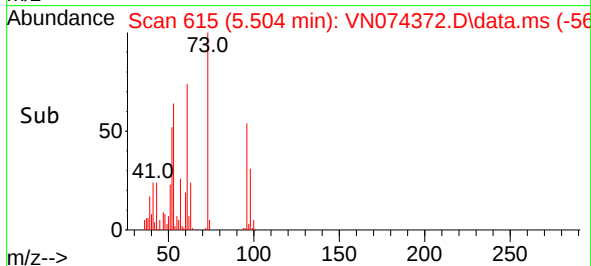
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 8557
Ion Ratio Lower Upper
96 100
61 136.3 115.3 172.9
98 56.4 53.4 80.0

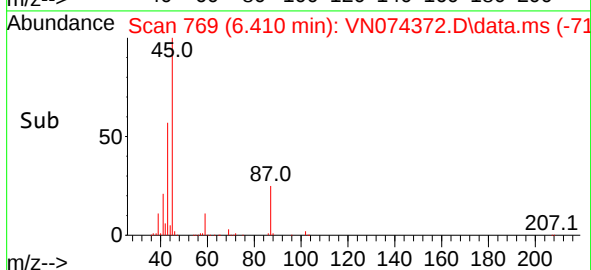
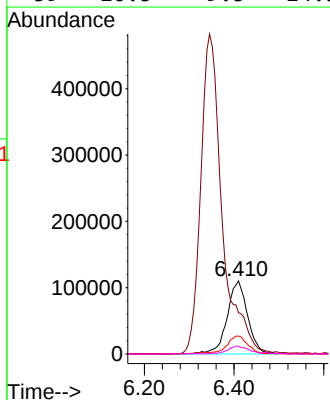
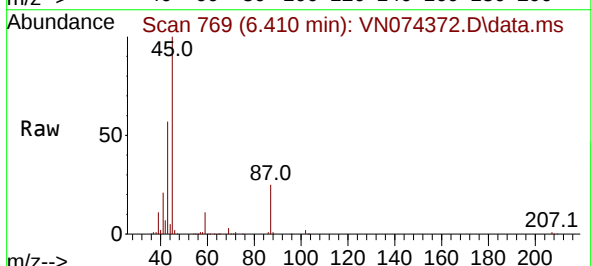
Manual Integrations
APPROVED

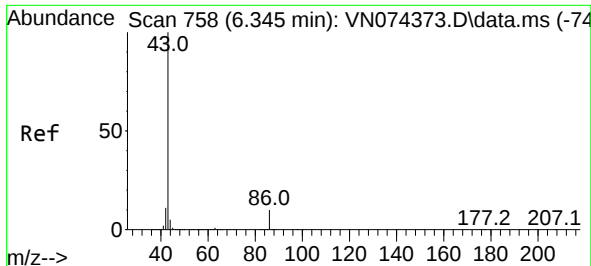
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#22
Diisopropyl ether
Concen: 19.404 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

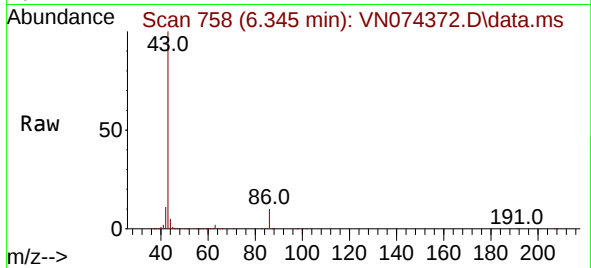
Tgt Ion: 45 Resp: 349004
Ion Ratio Lower Upper
45 100
43 56.1 49.4 74.0
87 24.4 21.3 31.9
59 10.5 9.5 14.3





#23
 Vinyl Acetate
 Concen: 100.557 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VN074372.D
 Acq: 09 Sep 2022 12:00

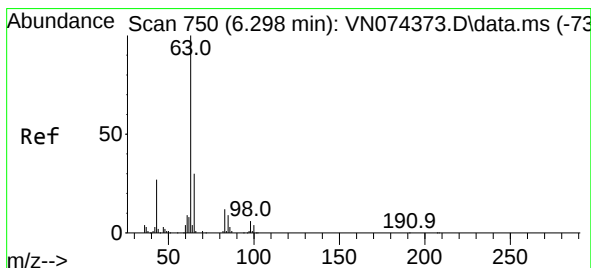
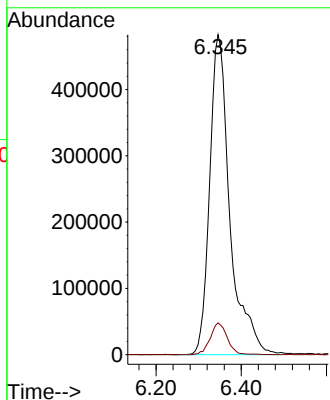
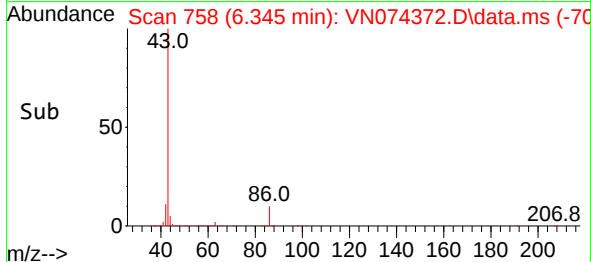
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



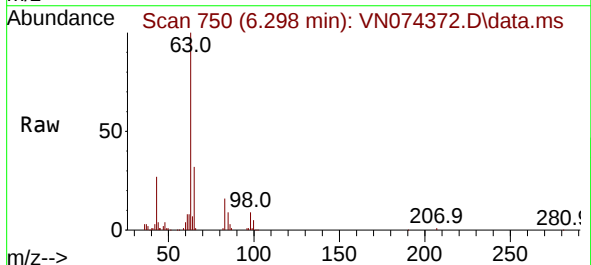
Tgt Ion: 43 Resp: 159433
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.6 11.4

Manual Integrations
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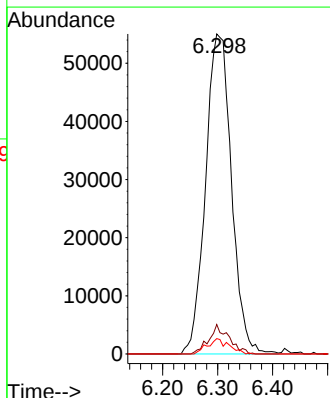
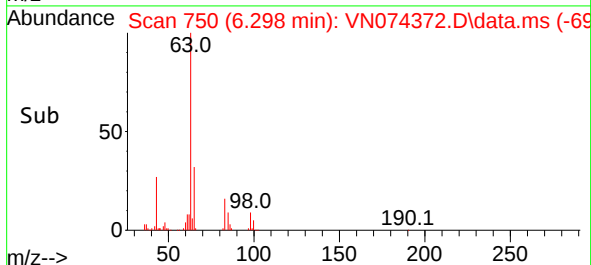
Reviewed By :John Carlone 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022

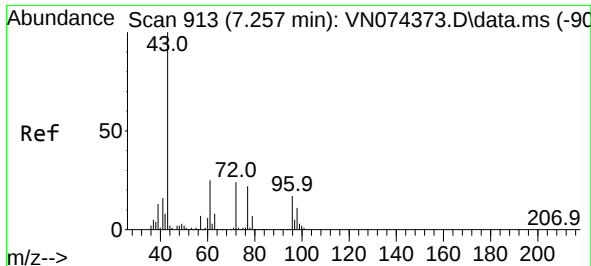


#24
 1,1-Dichloroethane
 Concen: 19.518 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. 0.000 min
 Lab File: VN074372.D
 Acq: 09 Sep 2022 12:00



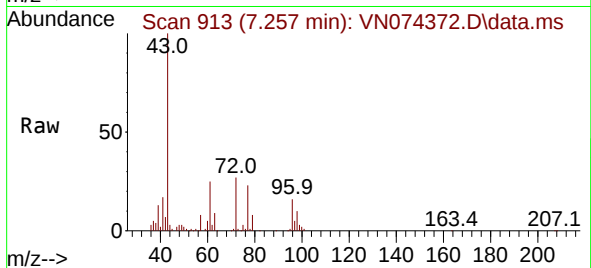
Tgt Ion: 63 Resp: 180377
 Ion Ratio Lower Upper
 63 100
 98 9.2 2.9 8.6#
 100 4.8 2.0 5.8





#25
2-Butanone
Concen: 98.654 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

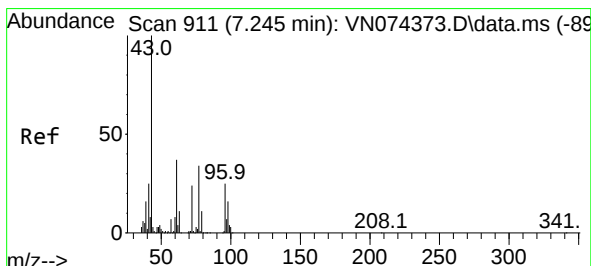
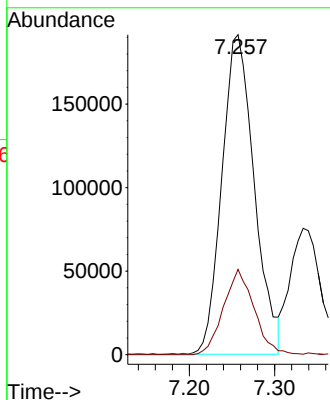
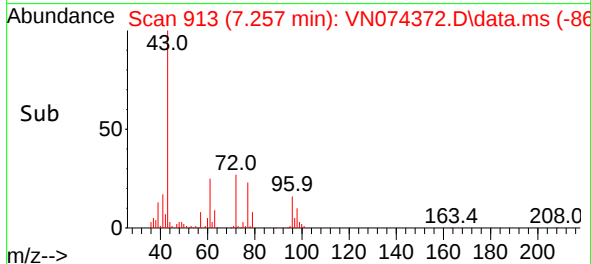
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



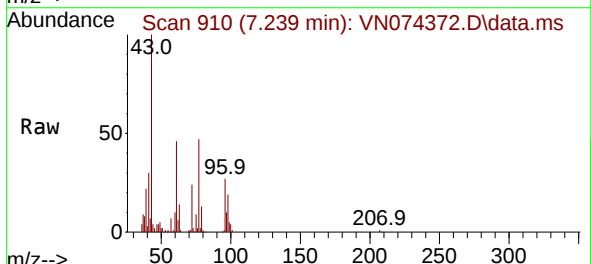
Tgt Ion: 43 Resp: 505330
Ion Ratio Lower Upper
43 100
72 26.7 18.9 28.3

Manual Integrations
APPROVED

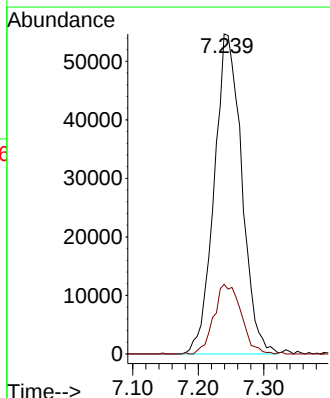
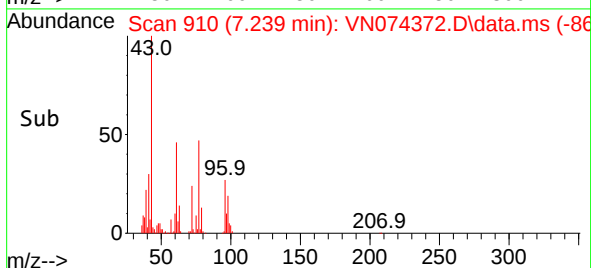
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#26
2,2-Dichloropropane
Concen: 19.078 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00



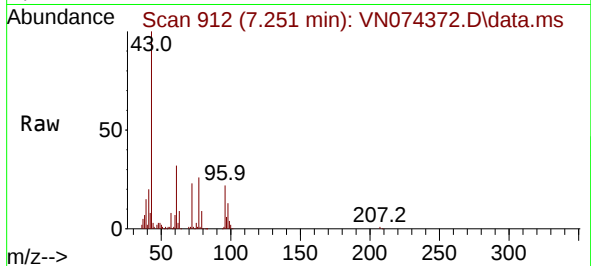
Tgt Ion: 77 Resp: 159501
Ion Ratio Lower Upper
77 100
97 21.6 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 18.917 ug/l
RT: 7.251 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

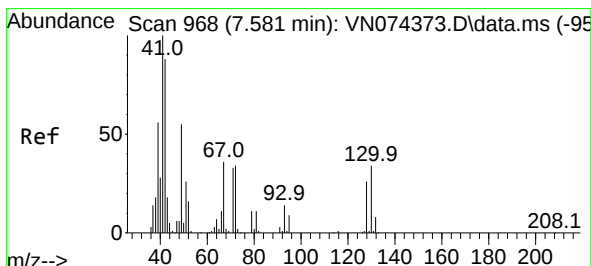
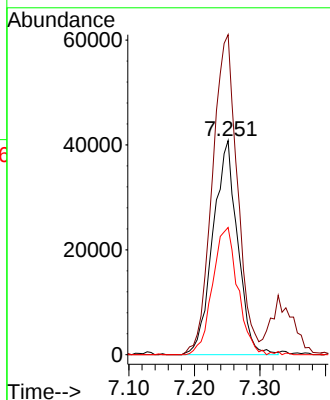
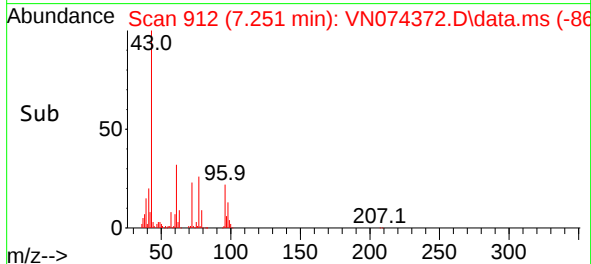
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 10635
Ion Ratio Lower Upper
96 100
61 152.3 0.0 306.2
98 61.0 0.0 129.8

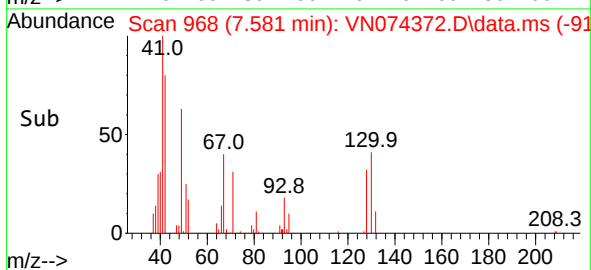
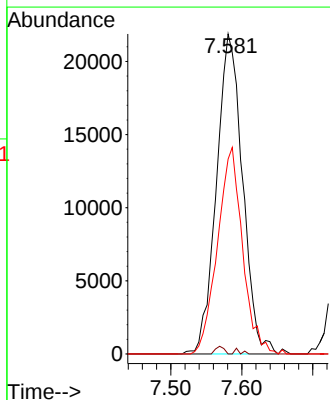
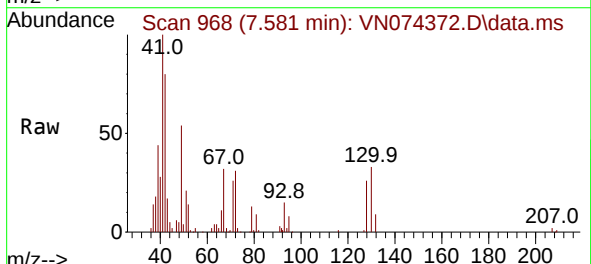
Manual Integrations
APPROVED

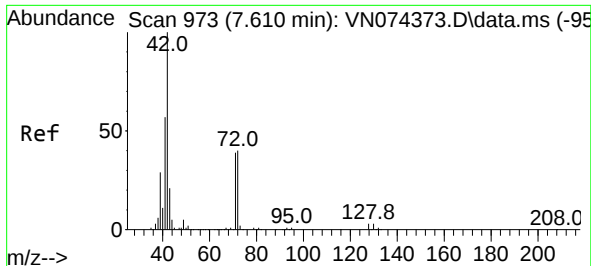
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#28
Bromochloromethane
Concen: 16.956 ug/l
RT: 7.581 min Scan# 968
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Tgt Ion: 49 Resp: 55744
Ion Ratio Lower Upper
49 100
129 0.4 0.0 2.2
130 62.1 50.0 75.0





#29

Tetrahydrofuran

Concen: 101.188 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074372.D

Acq: 09 Sep 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

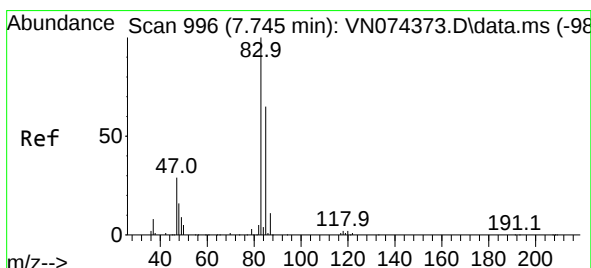
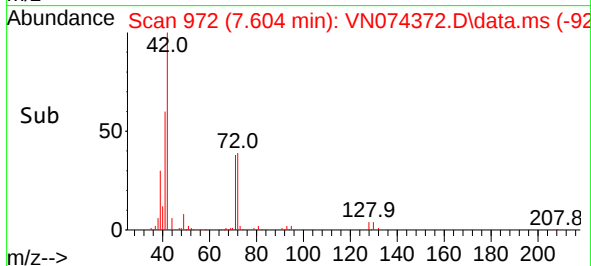
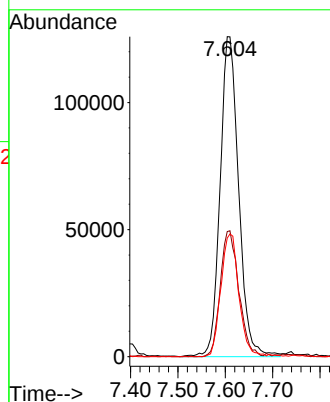
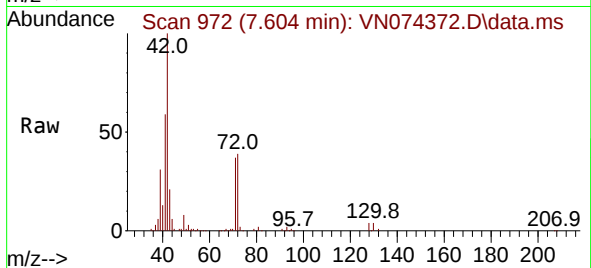
Tgt Ion:	42	Resp:	34262
Ion Ratio	Lower	Upper	
42	100		
72	39.3	32.7	49.1
71	37.1	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#30

Chloroform

Concen: 19.298 ug/l

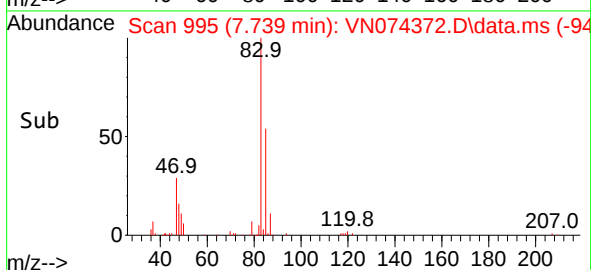
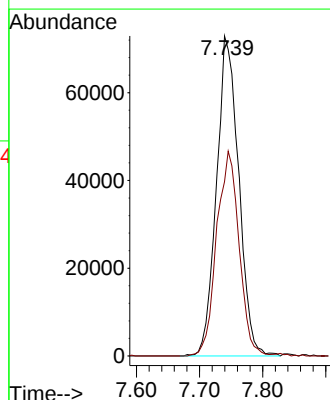
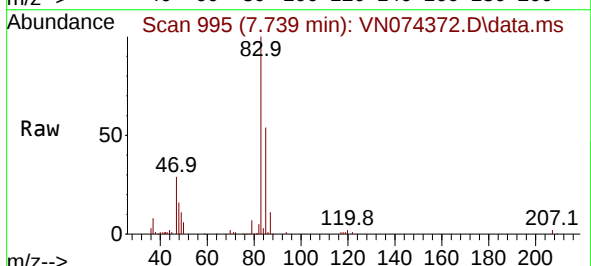
RT: 7.739 min Scan# 995

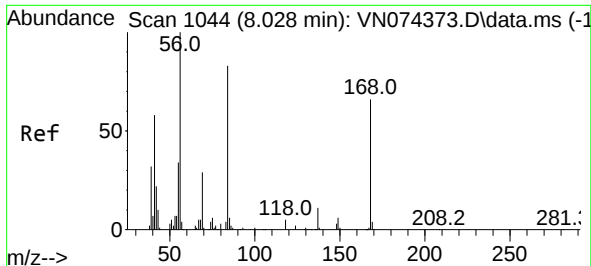
Delta R.T. -0.006 min

Lab File: VN074372.D

Acq: 09 Sep 2022 12:00

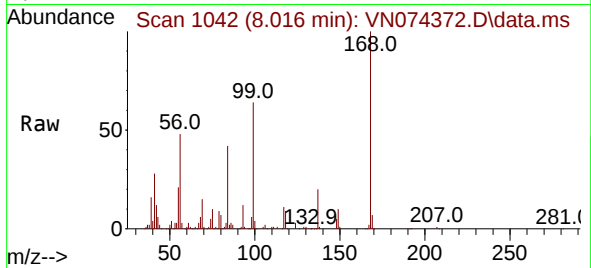
Tgt Ion:	83	Resp:	178025
Ion Ratio	Lower	Upper	
83	100		
85	54.5	51.8	77.6





#31
Cyclohexane
Concen: 19.901 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.012 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

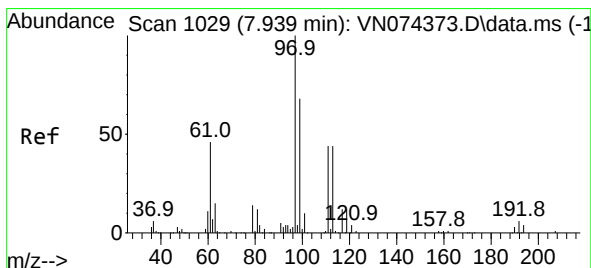
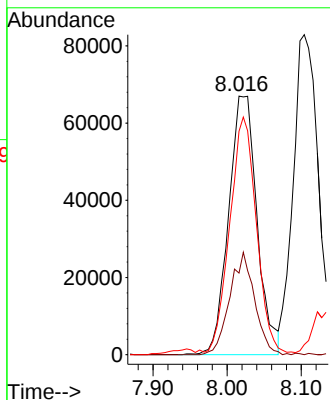
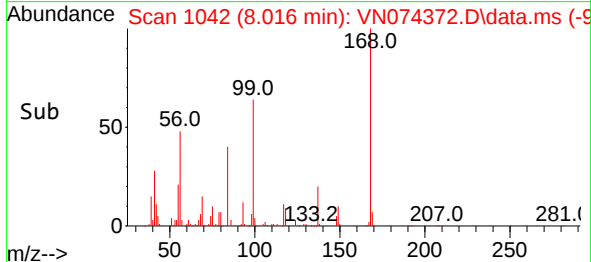
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



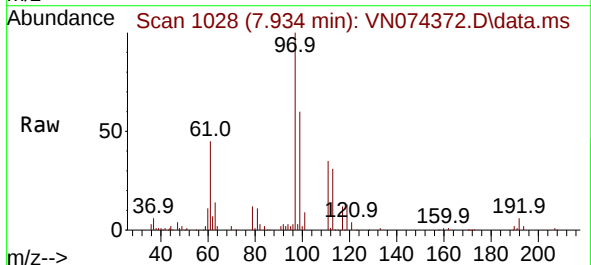
Tgt Ion: 56 Resp: 178892
Ion Ratio Lower Upper
56 100
69 31.5 23.0 34.4
84 84.8 66.3 99.5

Manual Integrations
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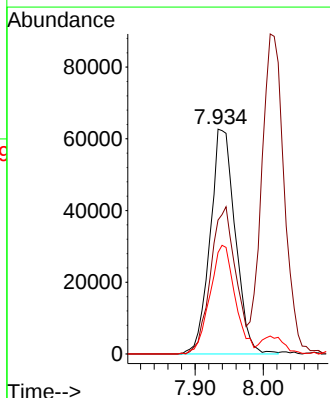
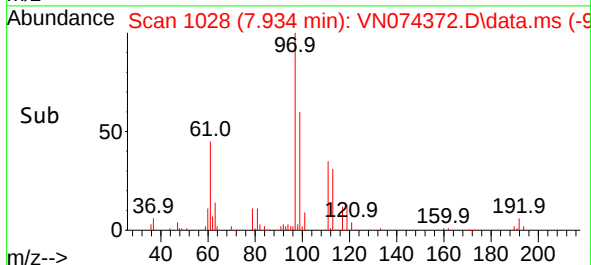
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

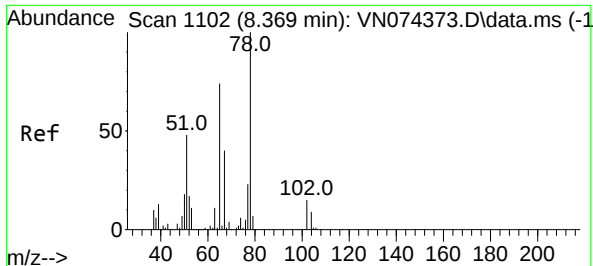


#32
1,1,1-Trichloroethane
Concen: 19.464 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00



Tgt Ion: 97 Resp: 161074
Ion Ratio Lower Upper
97 100
99 64.9 50.2 75.2
61 48.6 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 20.528 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074372.D

Acq: 09 Sep 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 11602

Ion Ratio Lower Upper

65 100

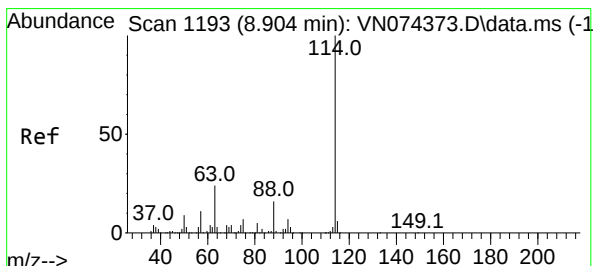
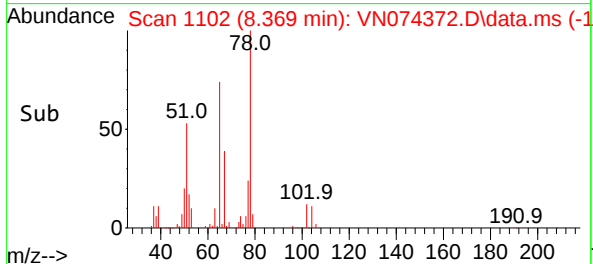
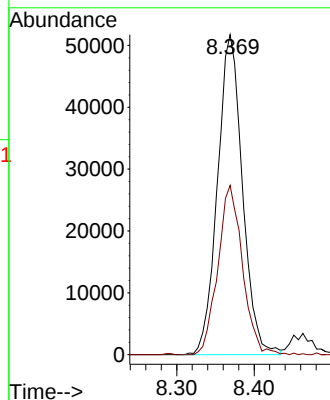
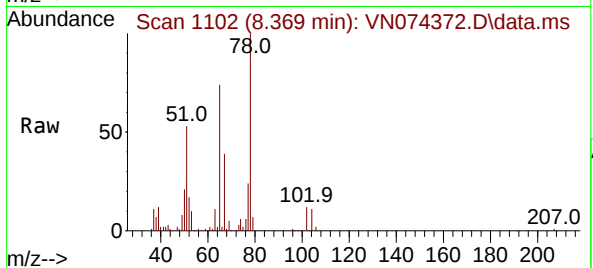
67 52.1 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074372.D

Acq: 09 Sep 2022 12:00

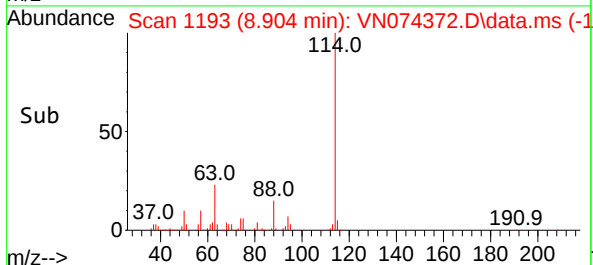
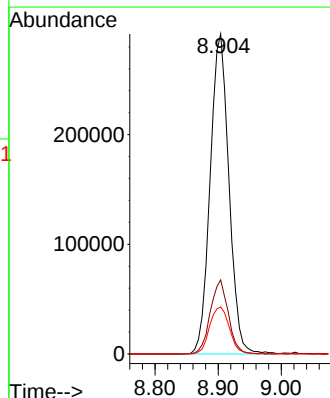
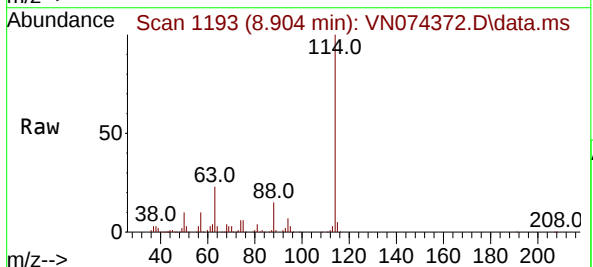
Tgt Ion:114 Resp: 602491

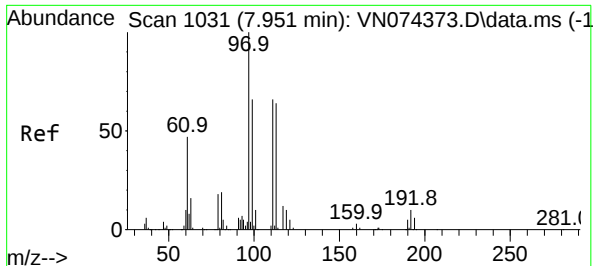
Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.6

88 14.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 20.158 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074372.D

Acq: 09 Sep 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 113 Resp: 81989

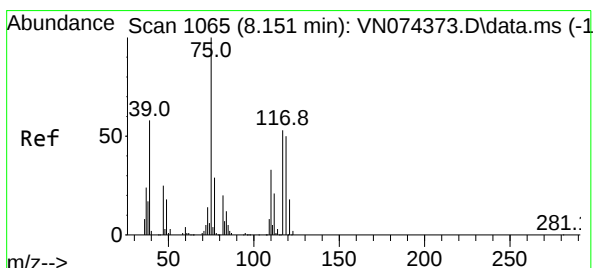
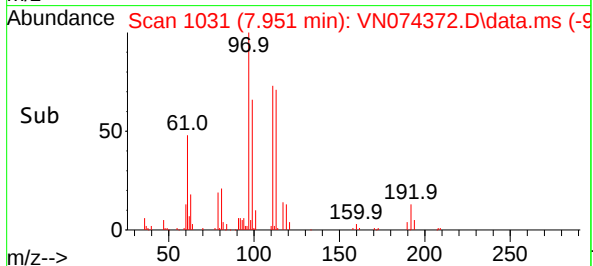
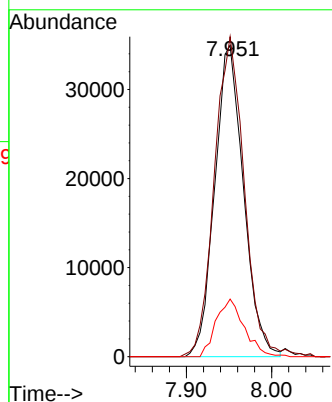
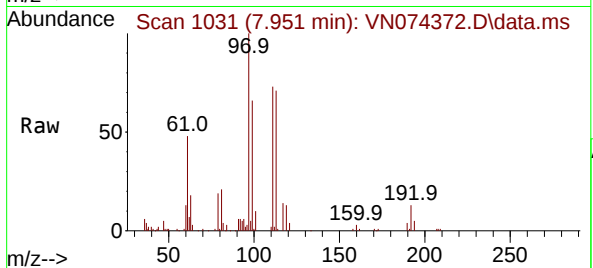
Ion	Ratio	Lower	Upper
113	100		
111	107.1	83.0	124.4
192	18.2	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#36

1,1-Dichloropropene

Concen: 19.353 ug/l

RT: 8.151 min Scan# 1065

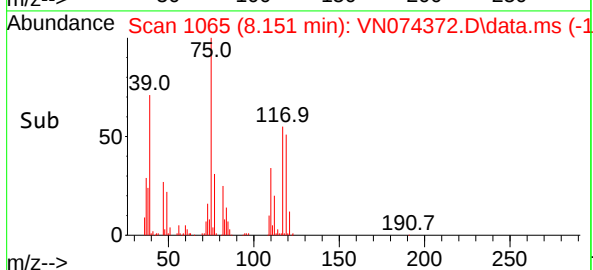
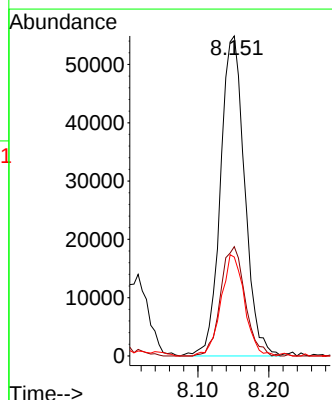
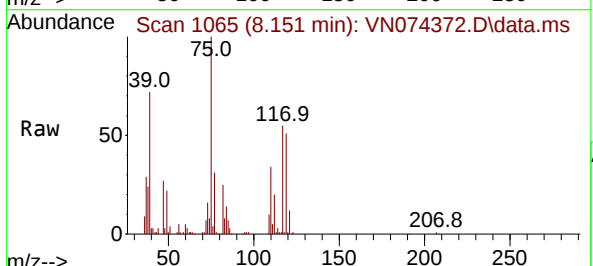
Delta R.T. 0.000 min

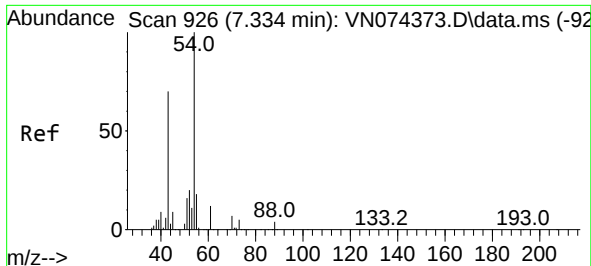
Lab File: VN074372.D

Acq: 09 Sep 2022 12:00

Tgt Ion: 75 Resp: 129679

Ion	Ratio	Lower	Upper
75	100		
110	34.6	16.4	49.1
77	30.7	25.4	38.2





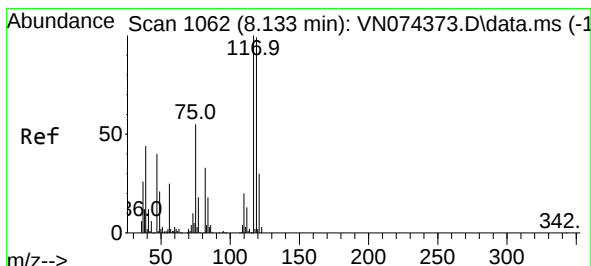
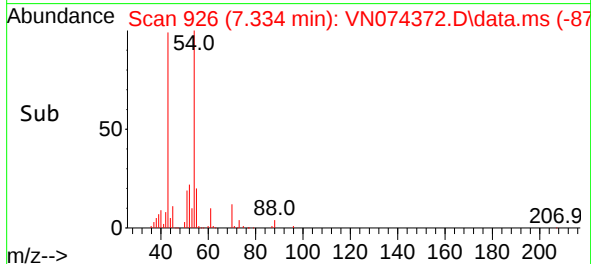
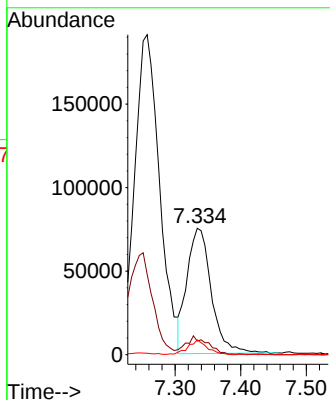
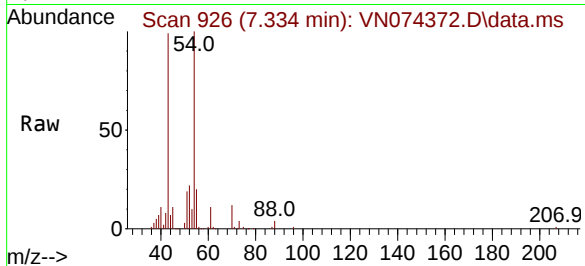
#37
Ethyl Acetate
Concen: 19.908 ug/l
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 193689
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 9.3 7.2 10.8

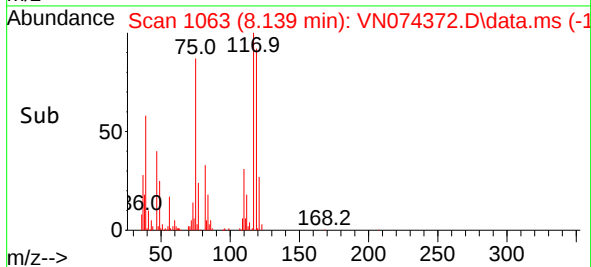
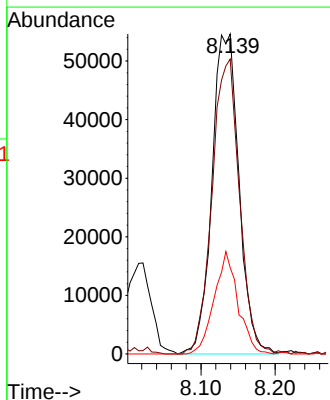
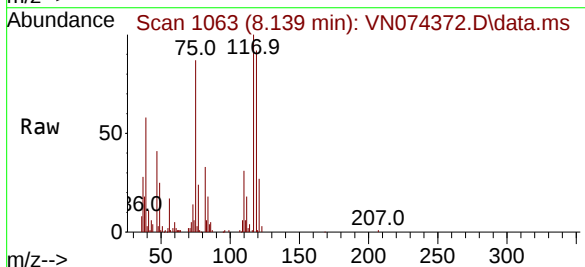
Manual Integrations
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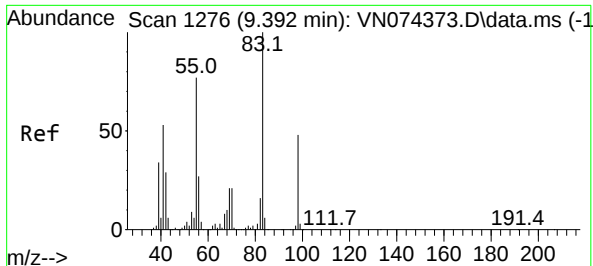
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#38
Carbon Tetrachloride
Concen: 19.960 ug/l
RT: 8.139 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Tgt Ion:117 Resp: 138081
Ion Ratio Lower Upper
117 100
119 92.1 78.8 118.2
121 26.9 24.1 36.1





#39

Methylcyclohexane

Concen: 19.116 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN074372.D

Acq: 09 Sep 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 162349

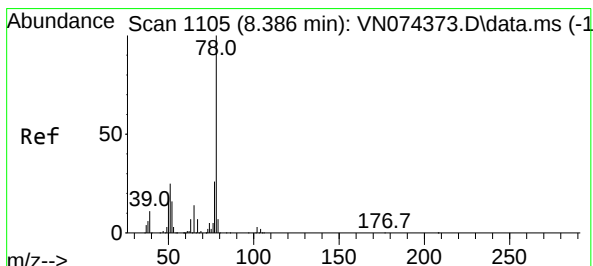
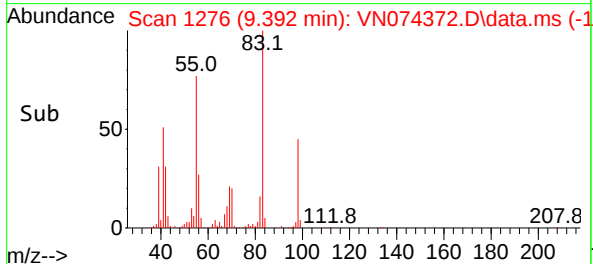
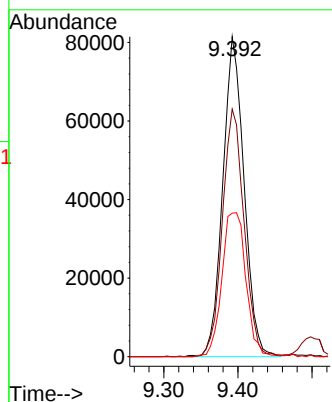
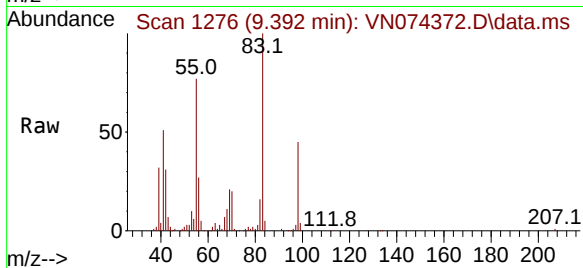
Ion	Ratio	Lower	Upper
83	100		
55	77.2	61.2	91.8
98	44.9	38.5	57.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#40

Benzene

Concen: 19.344 ug/l

RT: 8.392 min Scan# 1106

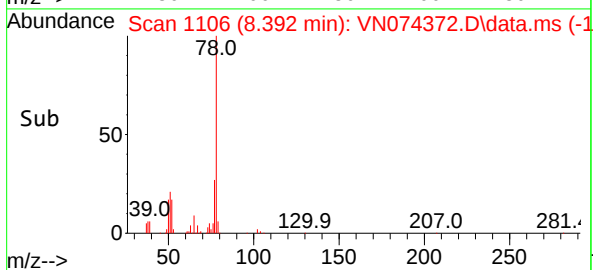
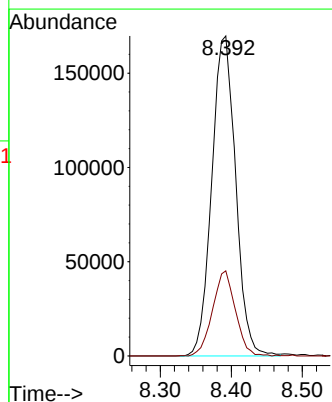
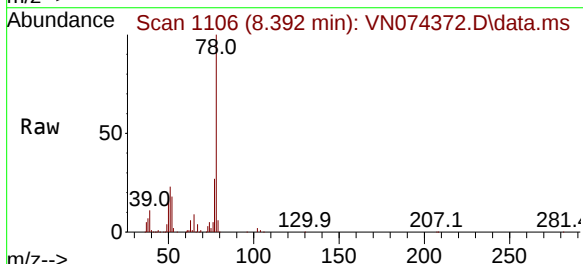
Delta R.T. 0.006 min

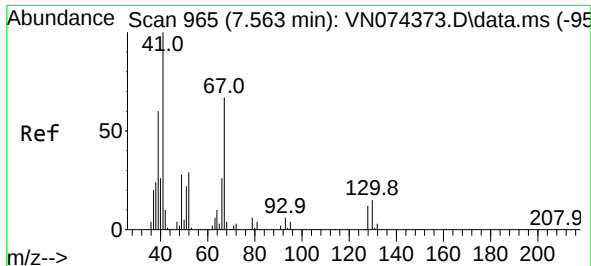
Lab File: VN074372.D

Acq: 09 Sep 2022 12:00

Tgt Ion: 78 Resp: 396875

Ion	Ratio	Lower	Upper
78	100		
77	26.5	20.6	31.0





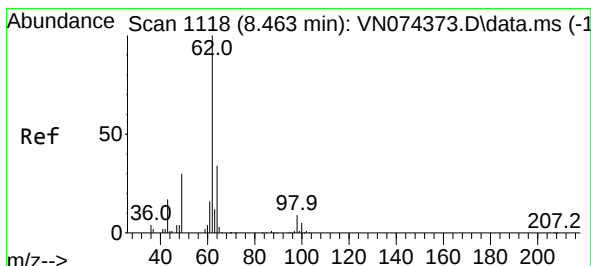
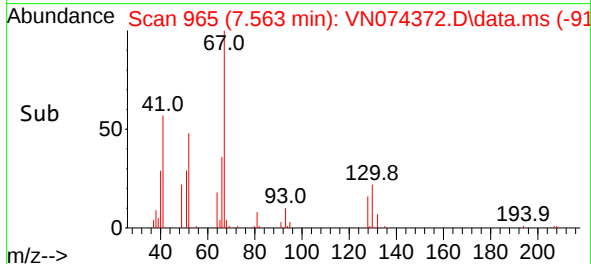
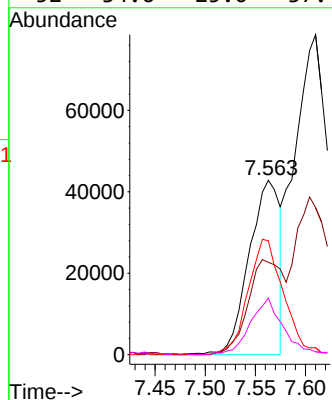
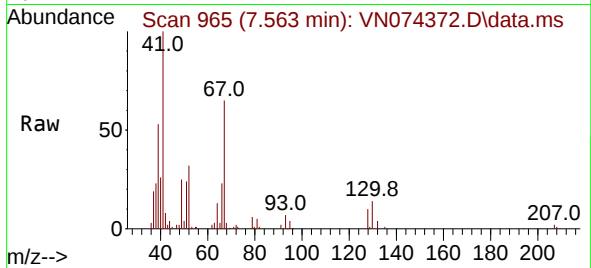
#41
Methacrylonitrile
Concen: 19.001 ug/l
RT: 7.563 min Scan# 9164
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 9164
Ion Ratio Lower Upper
41 100
39 63.0 39.2 58.8
67 75.8 53.6 80.4
52 34.6 25.0 37.4

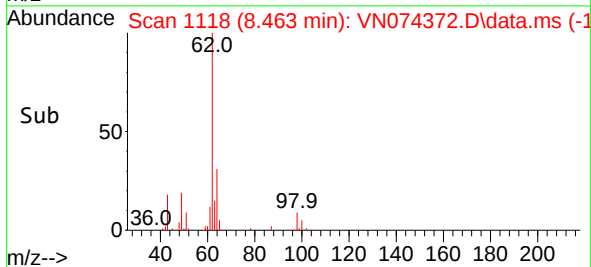
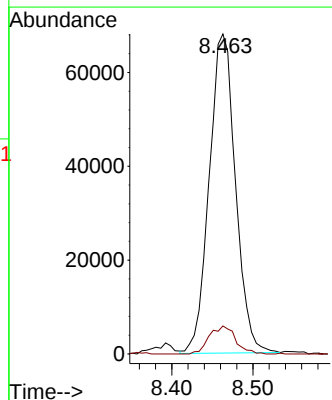
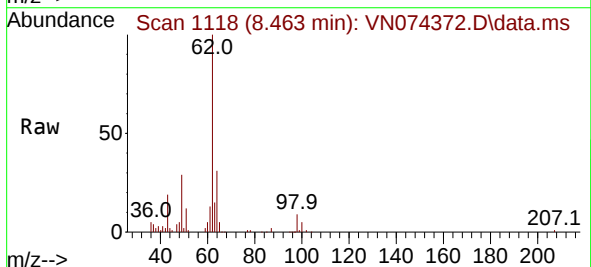
Manual Integrations
APPROVED

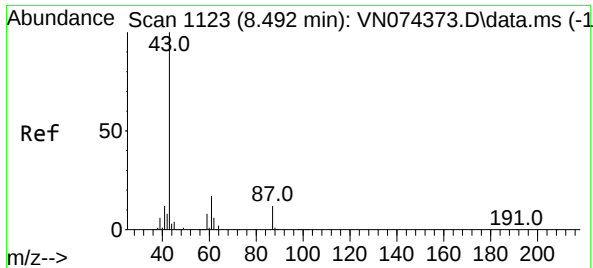
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#42
1,2-Dichloroethane
Concen: 19.489 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Tgt Ion: 62 Resp: 152855
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.6





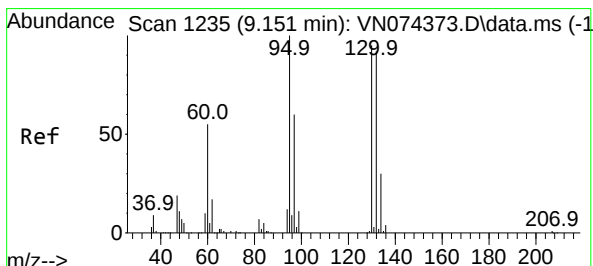
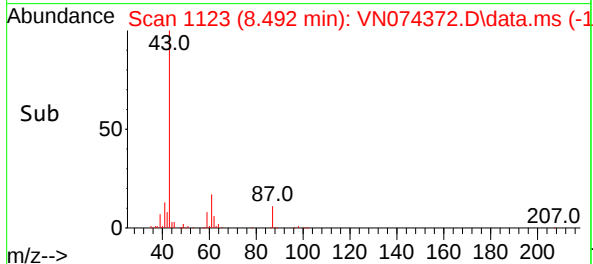
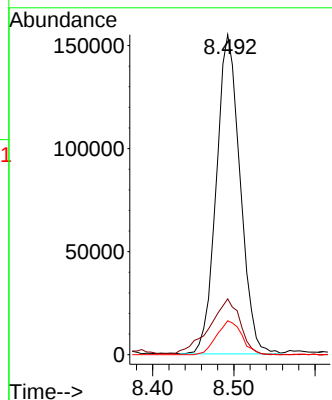
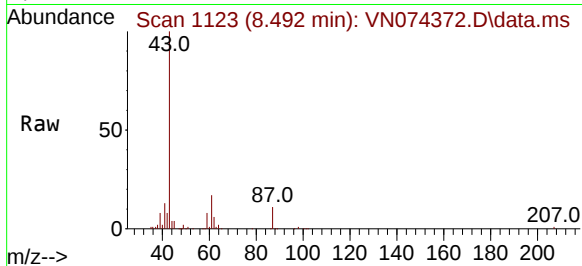
#43
Isopropyl Acetate
Concen: 19.872 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 315890
Ion Ratio Lower Upper
43 100
61 22.7 18.6 27.8
87 11.3 9.4 14.2

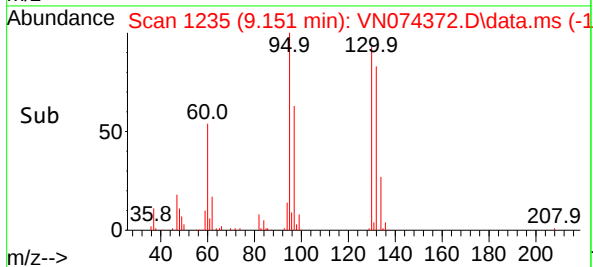
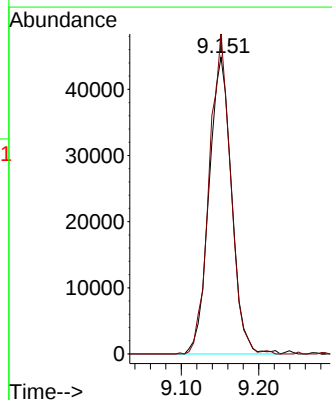
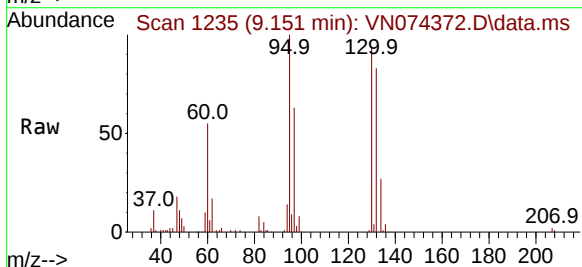
Manual Integrations
APPROVED

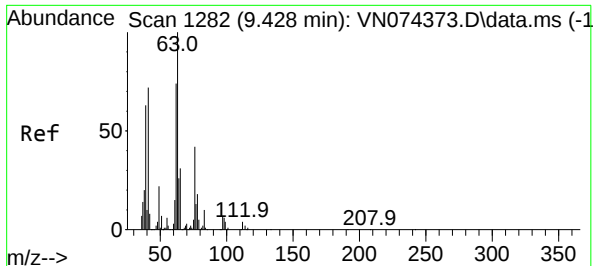
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#44
Trichloroethene
Concen: 19.796 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Tgt Ion:130 Resp: 91051
Ion Ratio Lower Upper
130 100
95 107.8 0.0 210.0





#45

1,2-Dichloropropane

Concen: 19.433 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074372.D

Acq: 09 Sep 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 105830

Ion Ratio Lower Upper

63 100

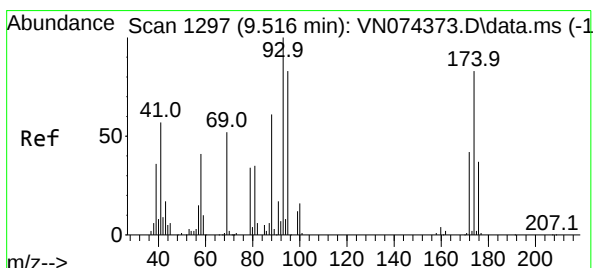
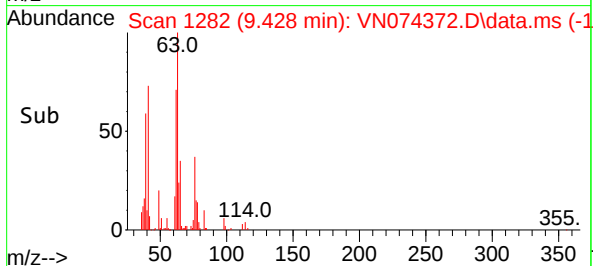
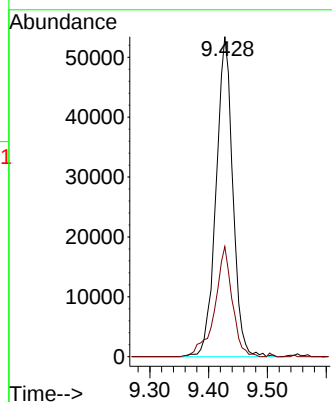
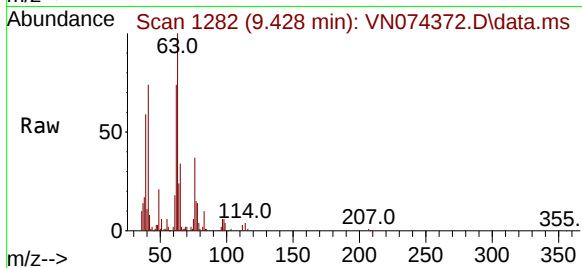
65 34.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#46

Dibromomethane

Concen: 19.799 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN074372.D

Acq: 09 Sep 2022 12:00

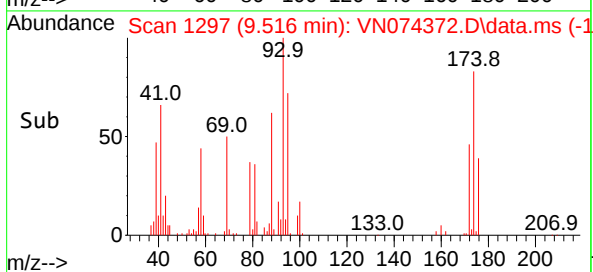
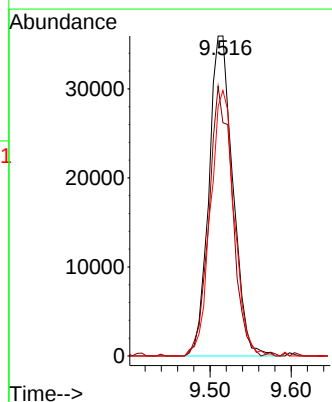
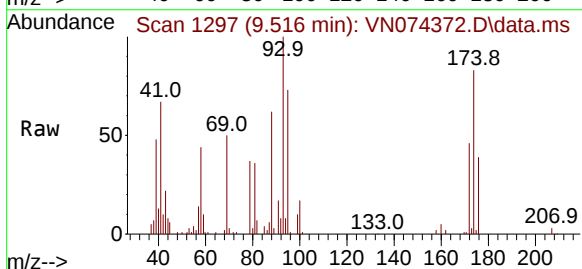
Tgt Ion: 93 Resp: 73829

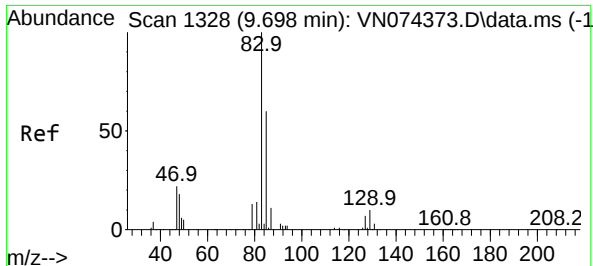
Ion Ratio Lower Upper

93 100

95 81.8 67.5 101.3

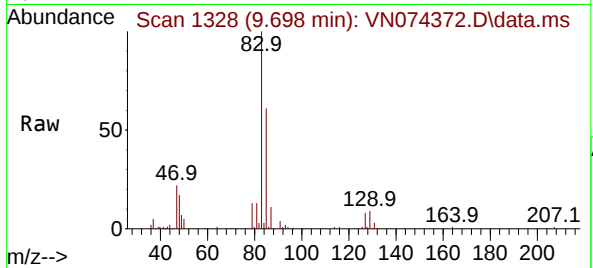
174 81.8 67.2 100.8





#47
Bromodichloromethane
Concen: 19.635 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

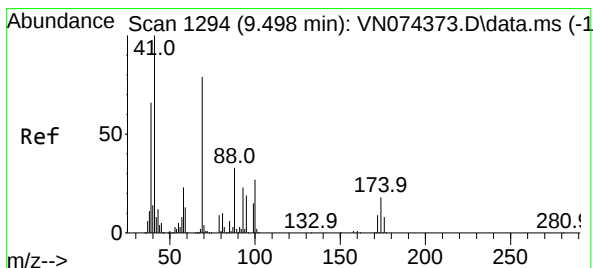
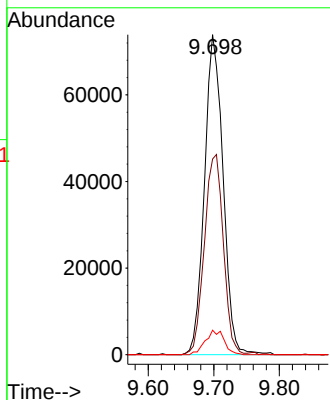
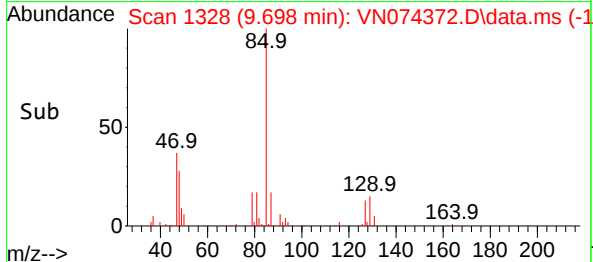
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



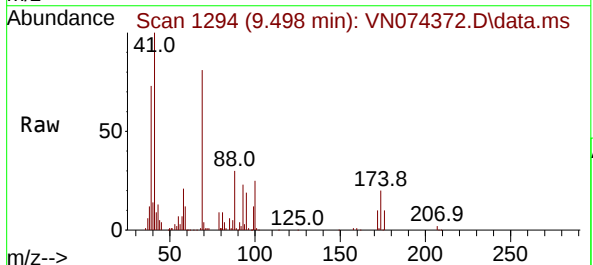
Tgt Ion: 83 Resp: 14594
Ion Ratio Lower Upper
83 100
85 61.1 47.7 71.5
127 7.7 5.4 8.2

Manual Integrations
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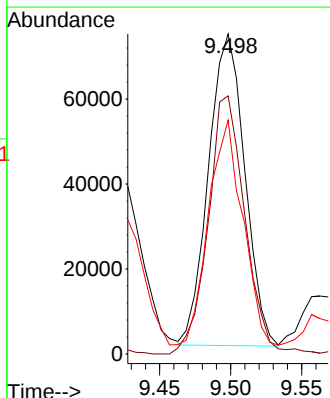
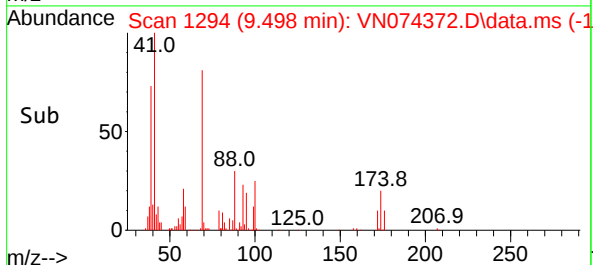
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

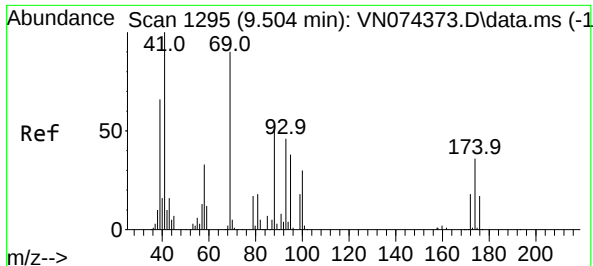


#48
Methyl methacrylate
Concen: 18.621 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00



Tgt Ion: 41 Resp: 130452
Ion Ratio Lower Upper
41 100
69 83.8 67.6 101.4
39 74.1 58.2 87.4





#49

1,4-Dioxane

Concen: 376.894 ug/l

RT: 9.510 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VN074372.D

Acq: 09 Sep 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

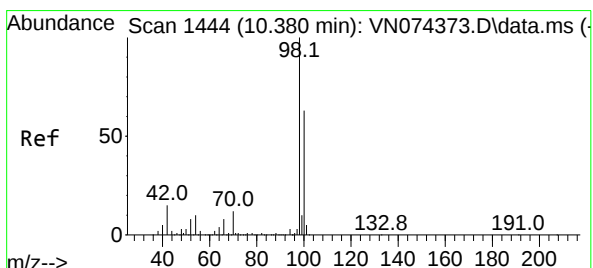
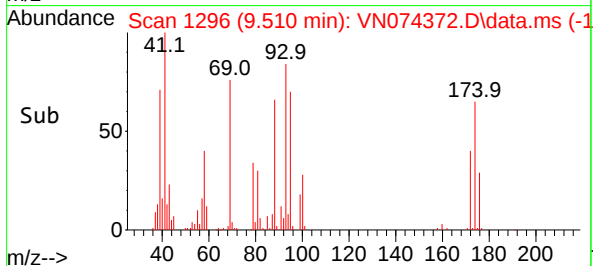
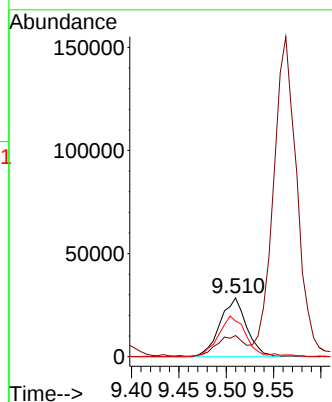
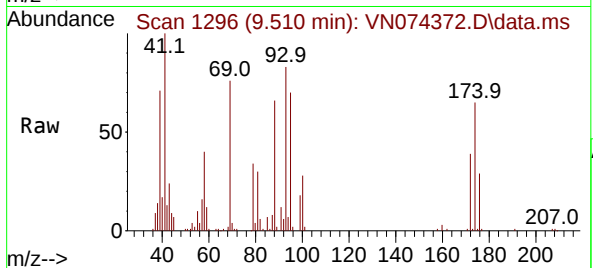
Tgt Ion:	88	Resp:	5564
Ion Ratio	Lower	Upper	
88	100		
43	35.4	26.9	40.3
58	69.7	52.7	79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#50

Toluene-d8

Concen: 19.845 ug/l

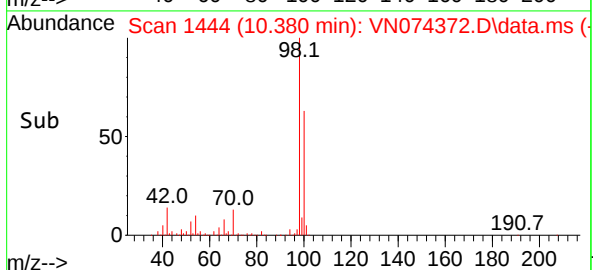
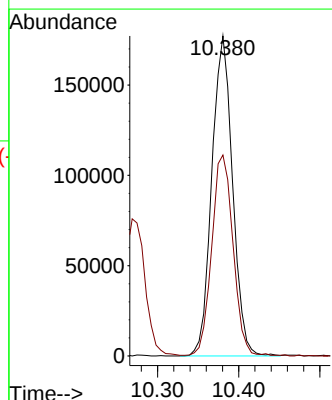
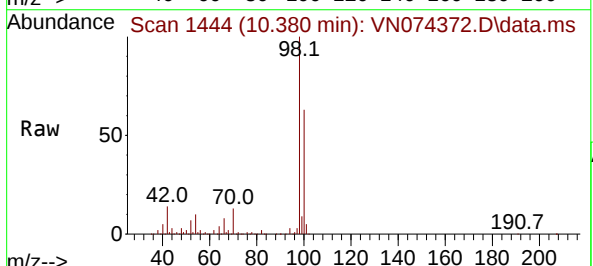
RT: 10.380 min Scan# 1444

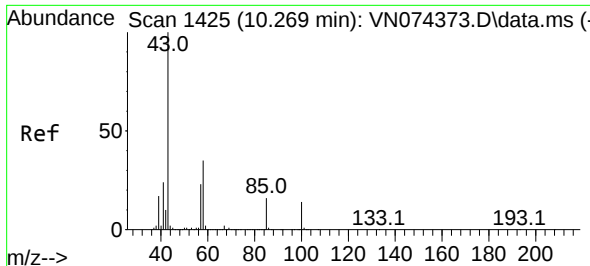
Delta R.T. 0.000 min

Lab File: VN074372.D

Acq: 09 Sep 2022 12:00

Tgt Ion:	98	Resp:	314507
Ion Ratio	Lower	Upper	
98	100		
100	64.8	50.6	76.0





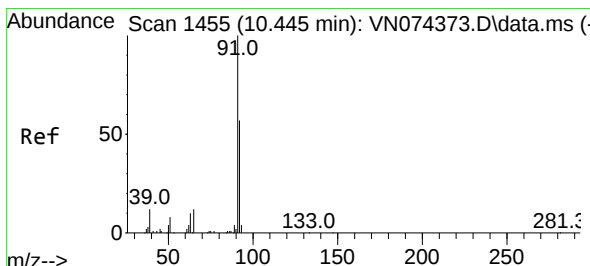
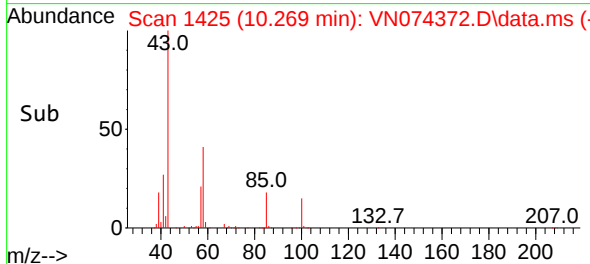
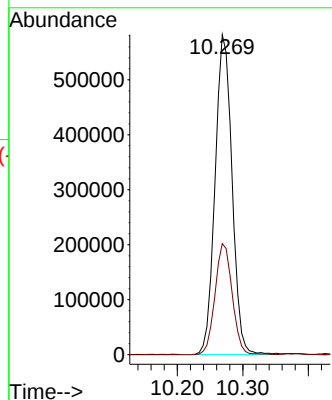
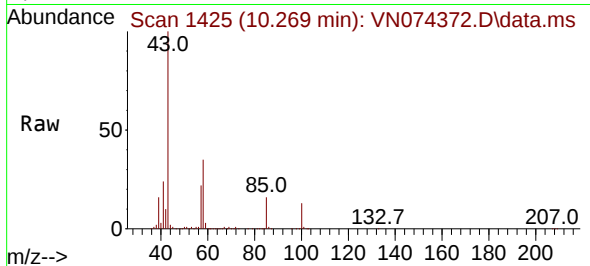
#51
4-Methyl-2-Pentanone
Concen: 100.406 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 1043798
Ion Ratio Lower Upper
43 100
58 35.2 29.0 43.6

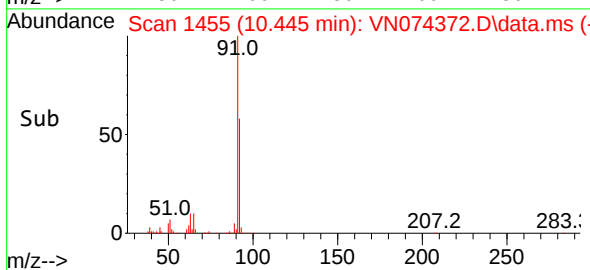
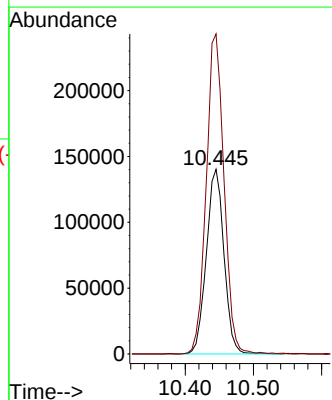
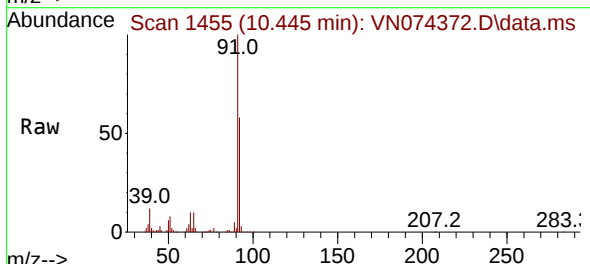
Manual Integrations
APPROVED

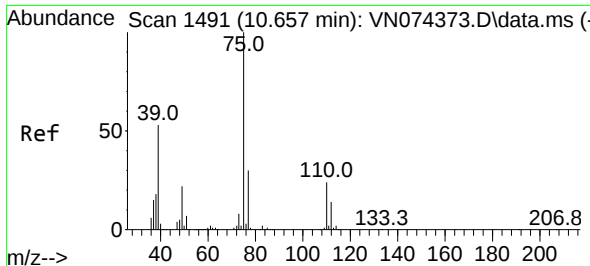
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#52
Toluene
Concen: 19.892 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

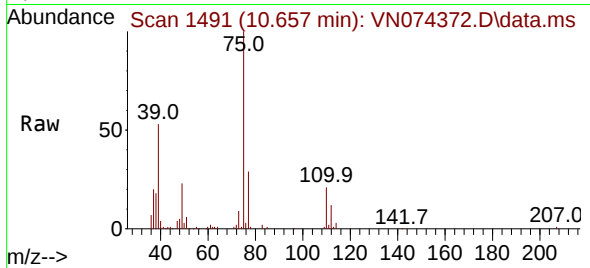
Tgt Ion: 92 Resp: 252392
Ion Ratio Lower Upper
92 100
91 174.8 139.8 209.6





#53
t-1,3-Dichloropropene
Concen: 19.611 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

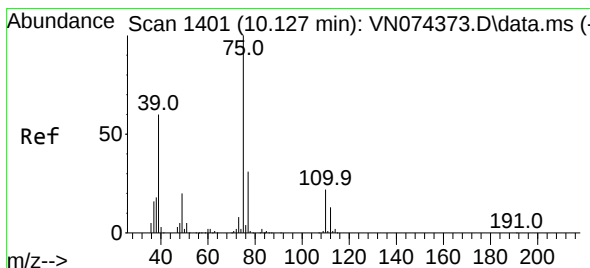
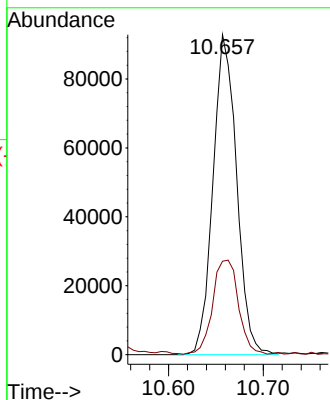
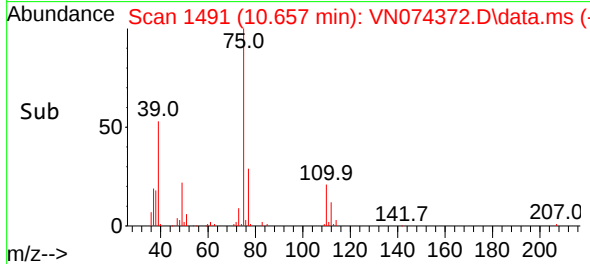
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



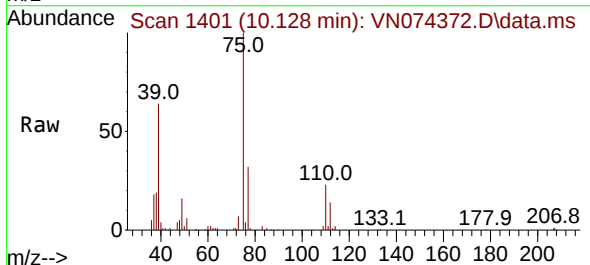
Tgt Ion: 75 Resp: 16080
Ion Ratio Lower Upper
75 100
77 28.9 23.9 35.9

Manual Integrations
APPROVED

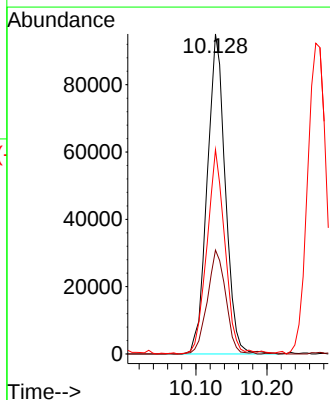
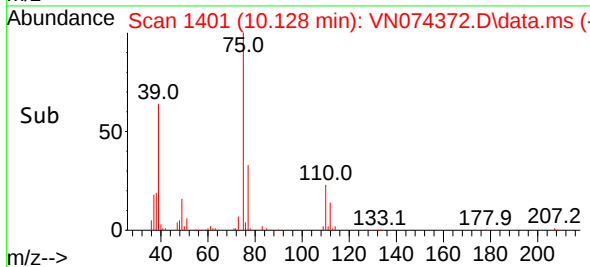
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

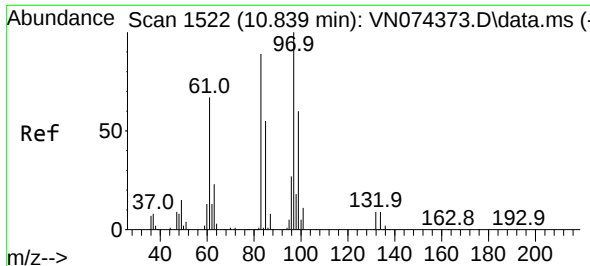


#54
cis-1,3-Dichloropropene
Concen: 19.232 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00



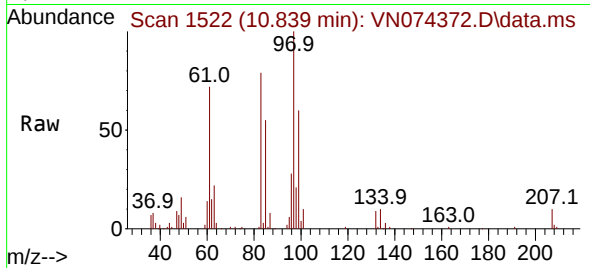
Tgt Ion: 75 Resp: 168118
Ion Ratio Lower Upper
75 100
77 32.5 24.5 36.7
39 63.9 48.0 72.0





#55
1,1,2-Trichloroethane
Concen: 19.899 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

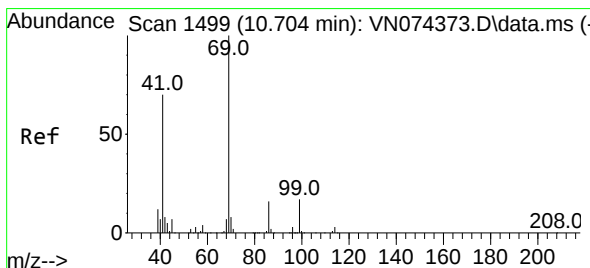
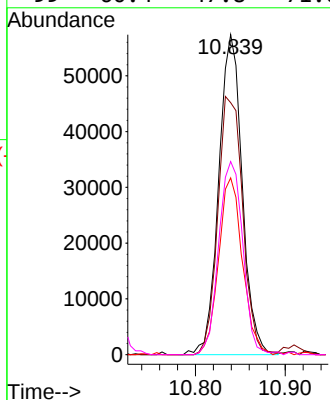
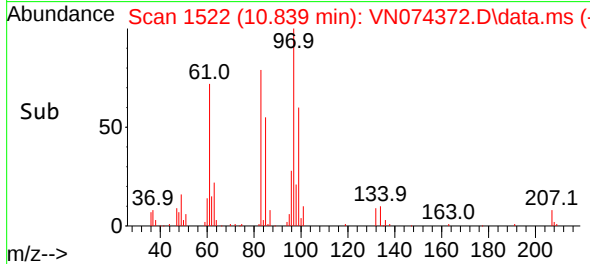
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



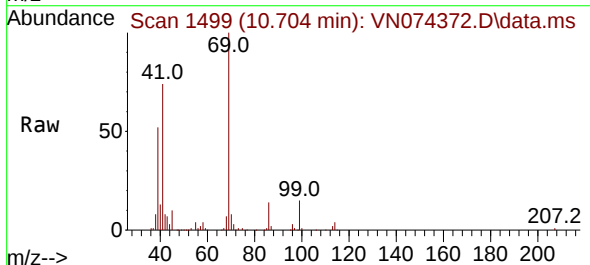
Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.8	70.8	106.2
85	55.2	44.1	66.1
99	60.4	47.8	71.6

Manual Integrations
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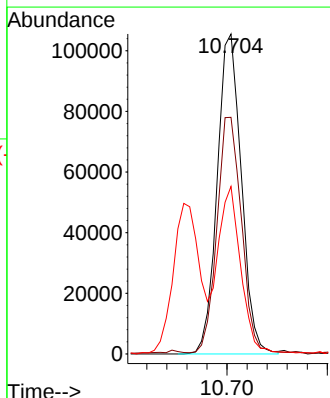
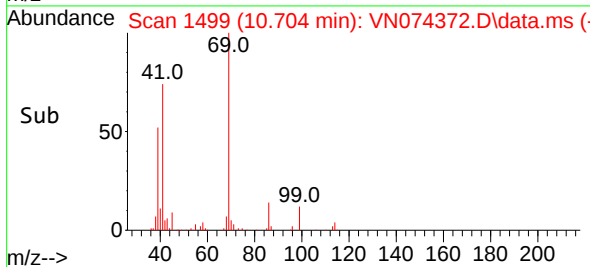
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

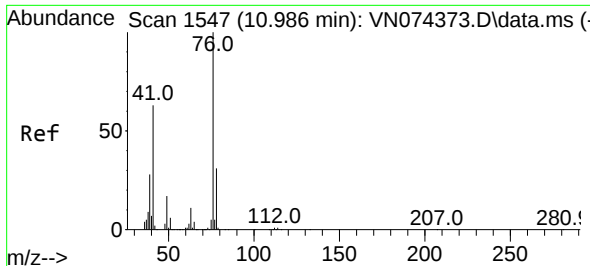


#56
Ethyl methacrylate
Concen: 19.809 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00



Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.2	56.6	85.0
39	49.4	37.4	56.2





#57

1,3-Dichloropropane

Concen: 19.549 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074372.D

Acq: 09 Sep 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 17871

Ion Ratio Lower Upper

76 100

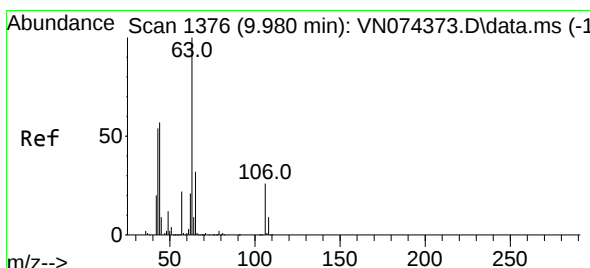
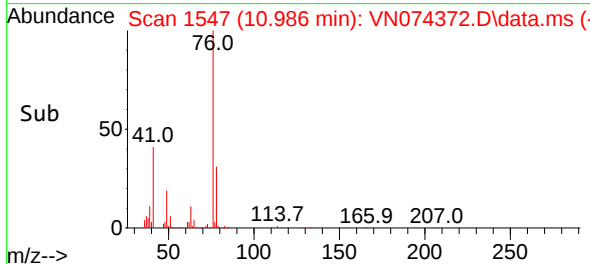
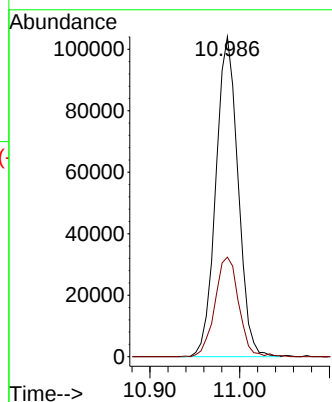
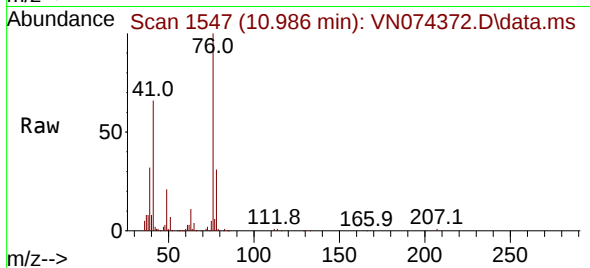
78 33.4 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 97.074 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074372.D

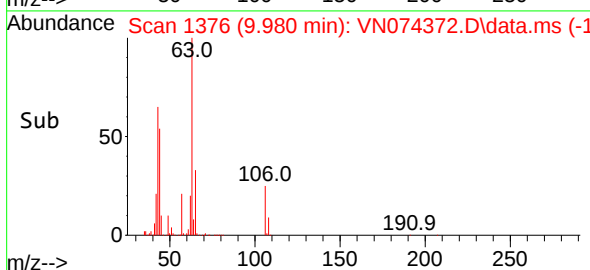
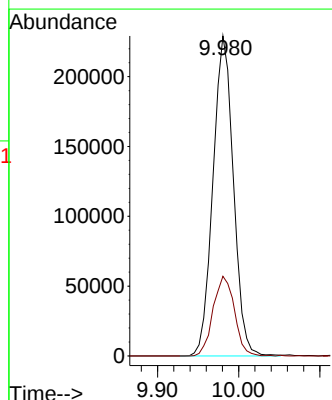
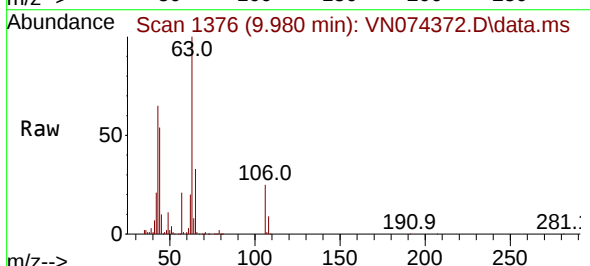
Acq: 09 Sep 2022 12:00

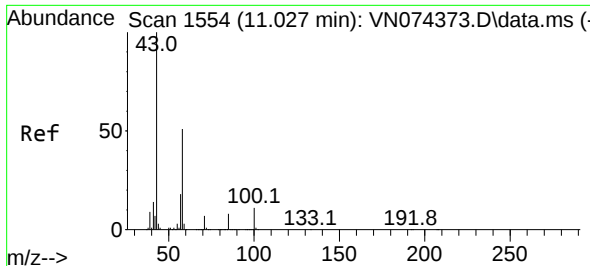
Tgt Ion: 63 Resp: 401283

Ion Ratio Lower Upper

63 100

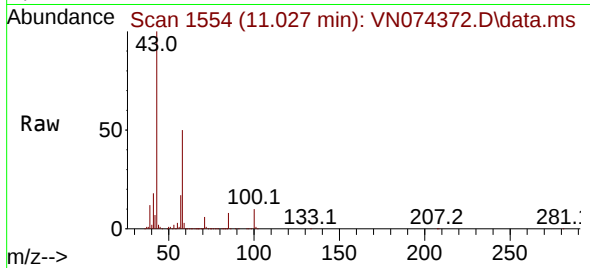
106 25.9 21.1 31.7





#59
2-Hexanone
Concen: 101.296 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

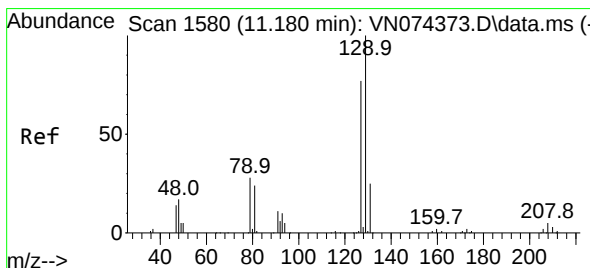
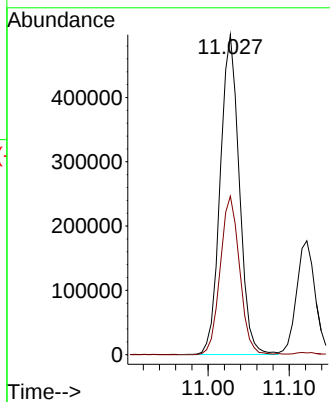
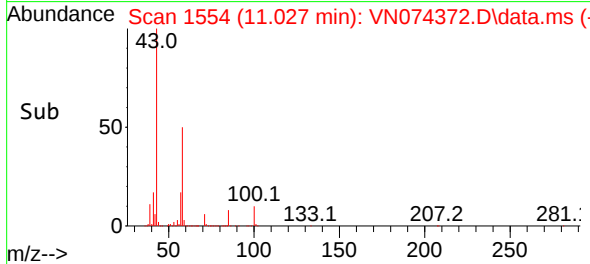
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 81264
Ion Ratio Lower Upper
43 100
58 50.3 25.8 77.3

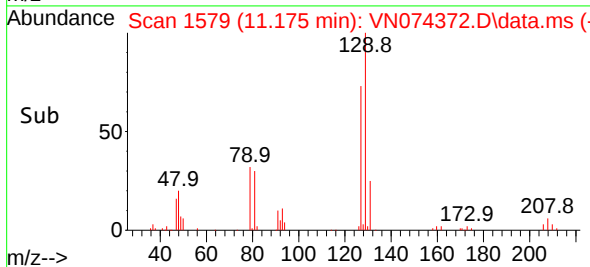
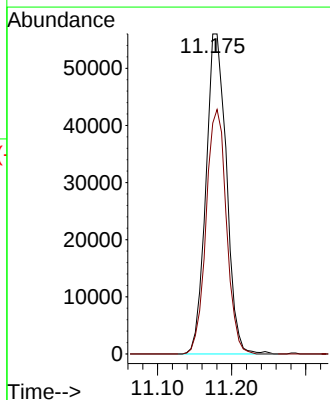
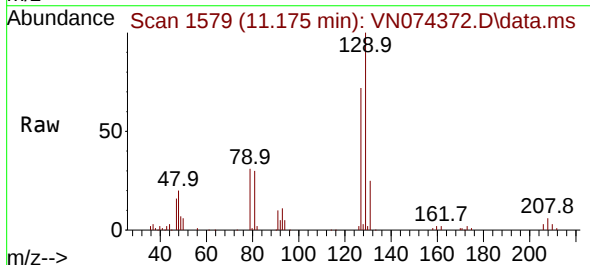
Manual Integrations
APPROVED

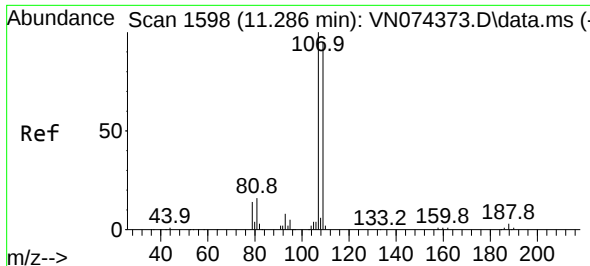
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#60
Dibromochloromethane
Concen: 20.319 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Tgt Ion:129 Resp: 107593
Ion Ratio Lower Upper
129 100
127 75.5 38.8 116.3





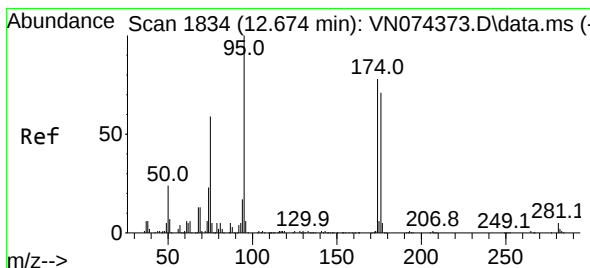
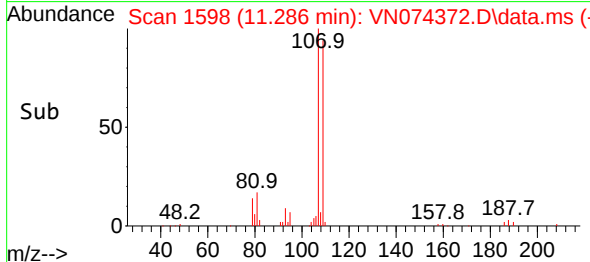
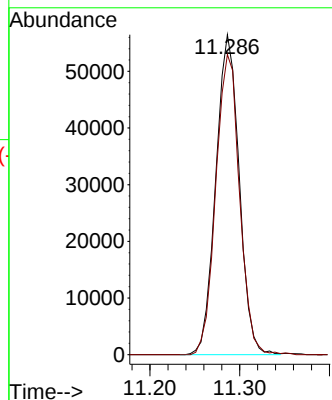
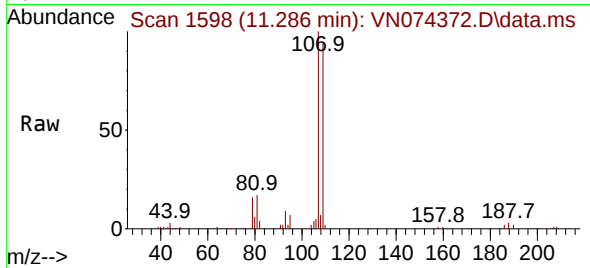
#61
1,2-Dibromoethane
Concen: 18.967 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 10205
Ion Ratio Lower Upper
107 100
109 95.3 75.0 112.4

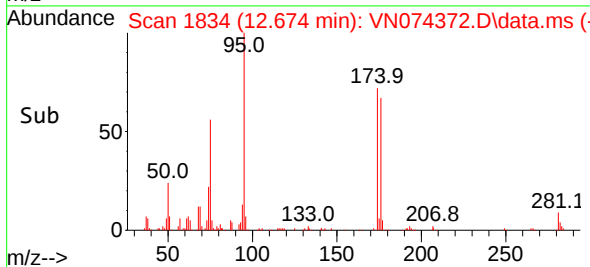
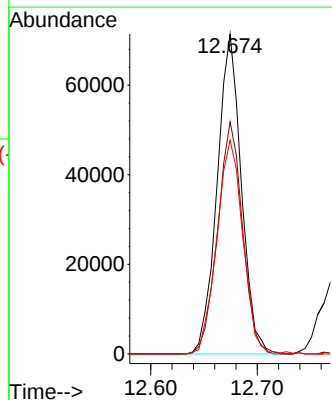
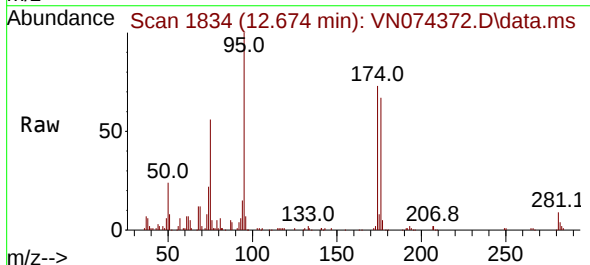
Manual Integrations
APPROVED

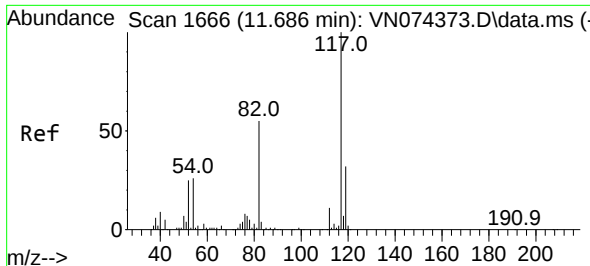
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#62
4-Bromofluorobenzene
Concen: 19.498 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Tgt Ion: 95 Resp: 112194
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.6
176 72.4 0.0 143.4





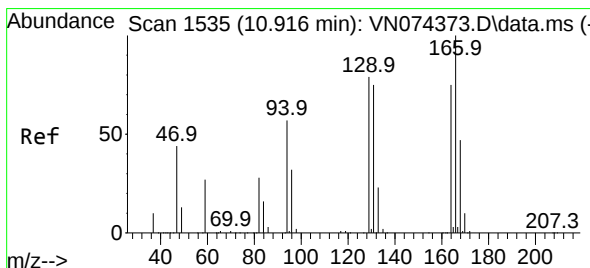
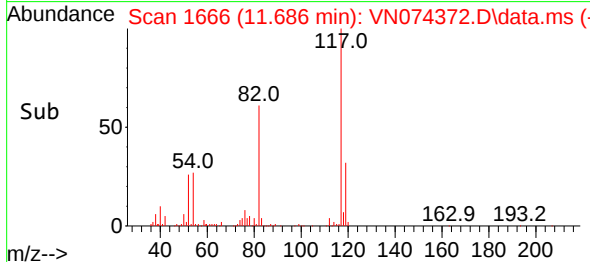
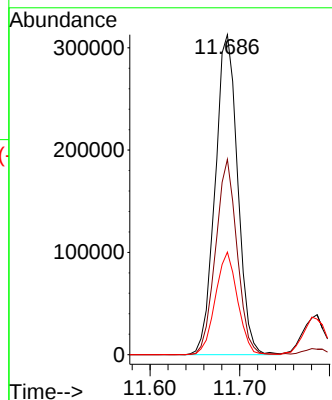
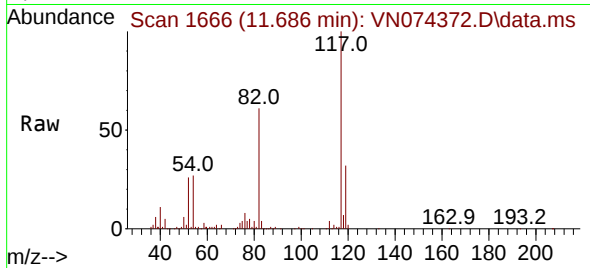
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 54442
Ion Ratio Lower Upper
117 100
82 61.0 44.3 66.5
119 32.1 25.5 38.3

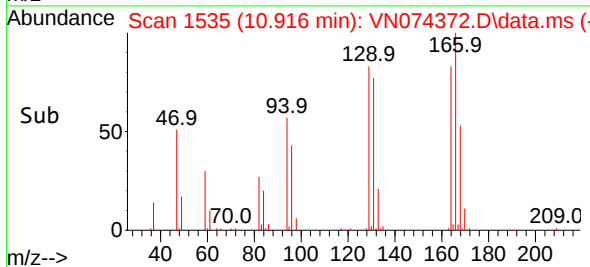
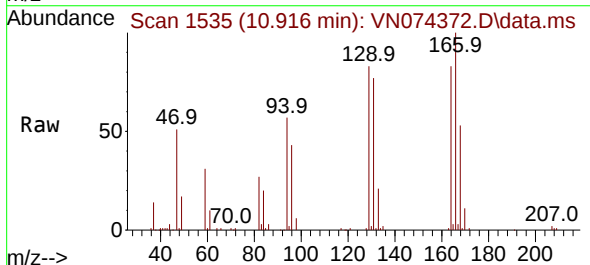
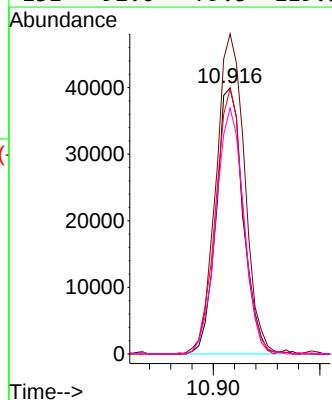
Manual Integrations
APPROVED

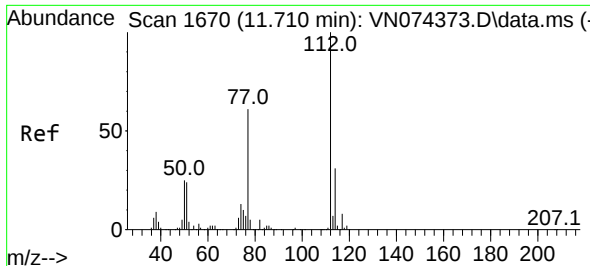
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#64
Tetrachloroethene
Concen: 18.983 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

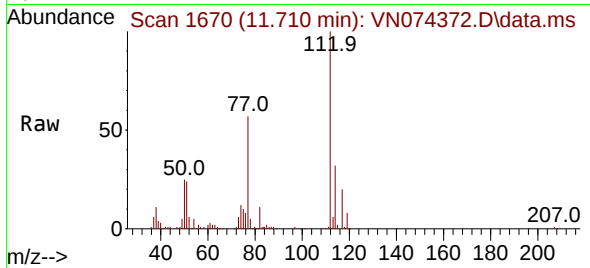
Tgt Ion:164 Resp: 70060
Ion Ratio Lower Upper
164 100
166 120.3 106.6 160.0
129 99.7 84.0 126.0
131 92.0 79.5 119.3





#65
Chlorobenzene
Concen: 19.753 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

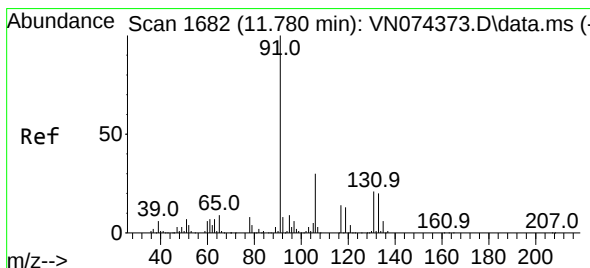
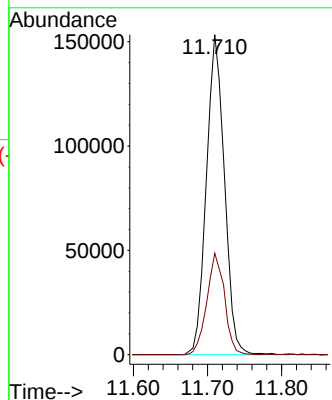
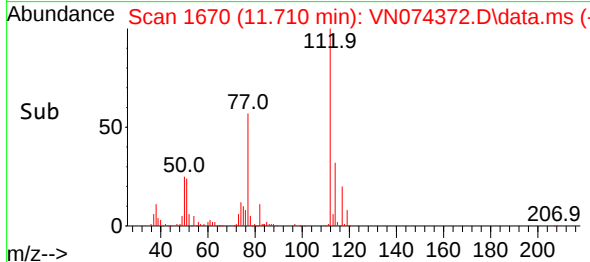
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



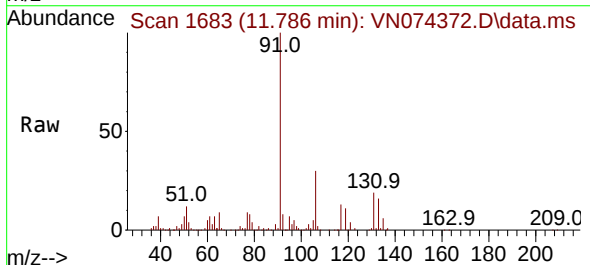
Tgt Ion:112 Resp: 259310
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7

Manual Integrations
APPROVED

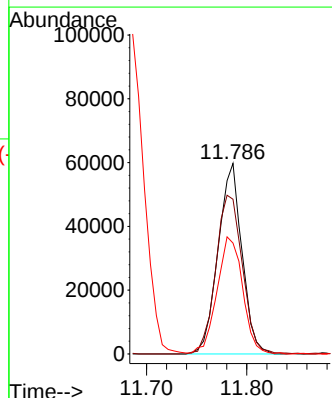
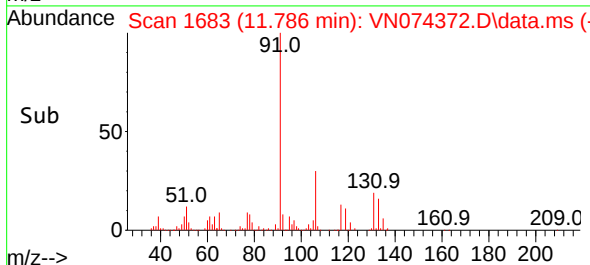
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

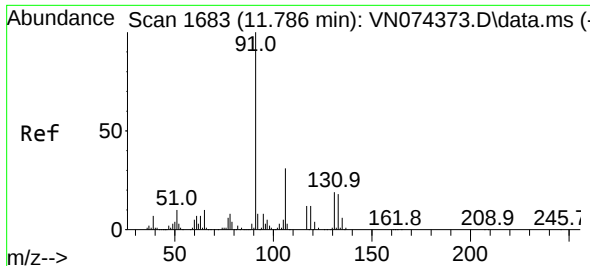


#66
1,1,1,2-Tetrachloroethane
Concen: 19.217 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00



Tgt Ion:131 Resp: 98545
Ion Ratio Lower Upper
131 100
133 93.2 47.3 141.8
119 66.1 33.0 98.9





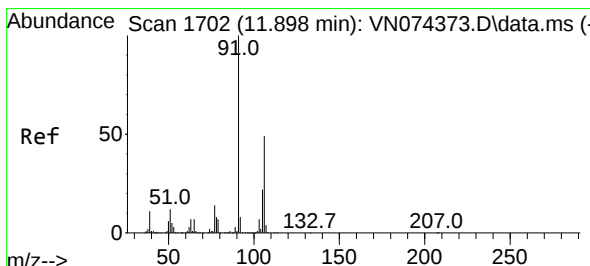
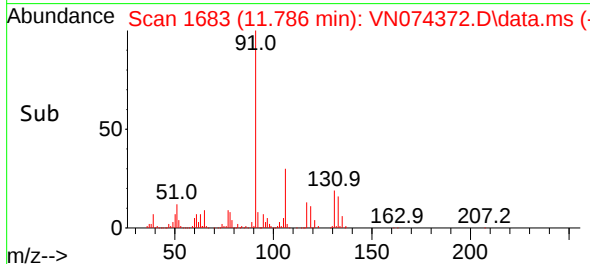
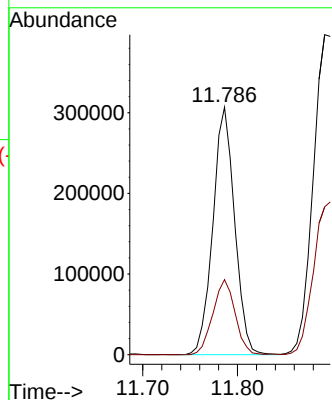
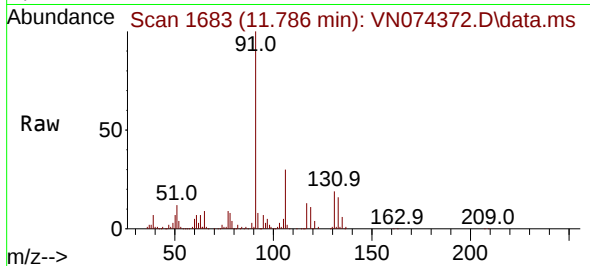
#67
Ethyl Benzene
Concen: 19.740 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 489458
Ion Ratio Lower Upper
91 100
106 30.3 24.5 36.7

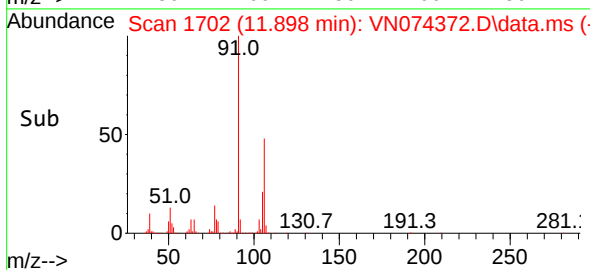
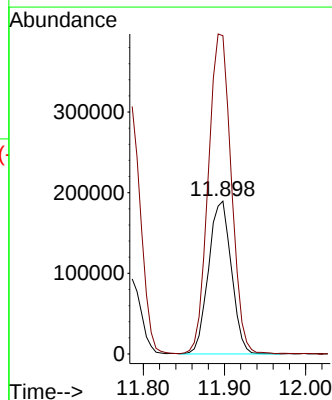
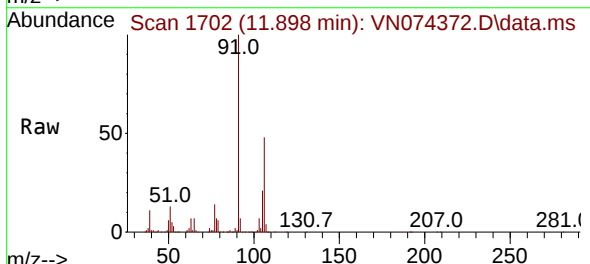
Manual Integrations
APPROVED

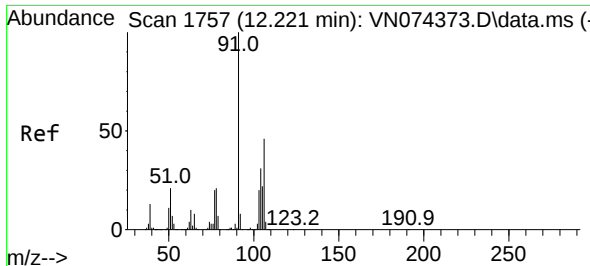
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#68
m/p-Xylenes
Concen: 39.800 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Tgt Ion:106 Resp: 370991
Ion Ratio Lower Upper
106 100
91 210.0 167.7 251.5





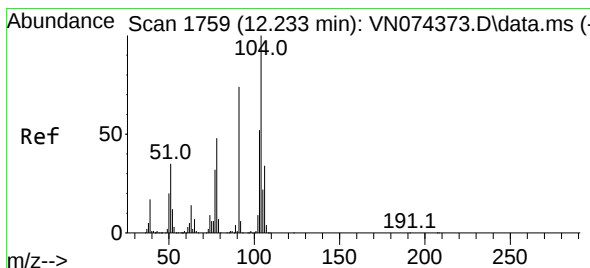
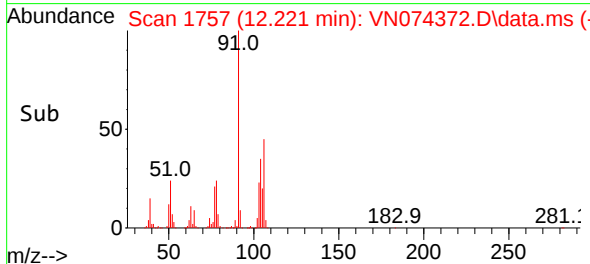
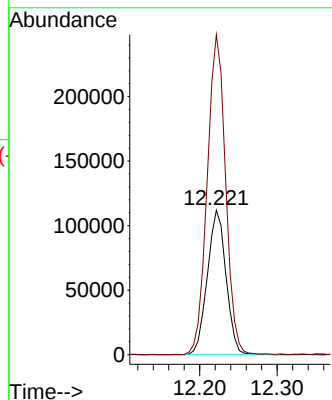
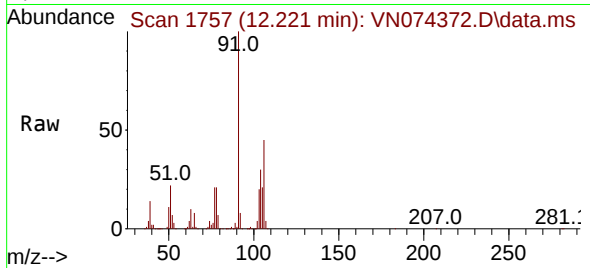
#69
o-Xylene
Concen: 19.970 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 187110
Ion Ratio Lower Upper
106 100
91 218.7 109.4 328.2

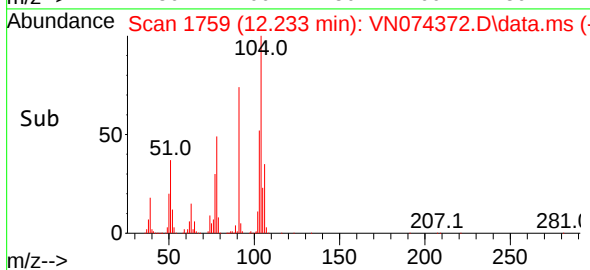
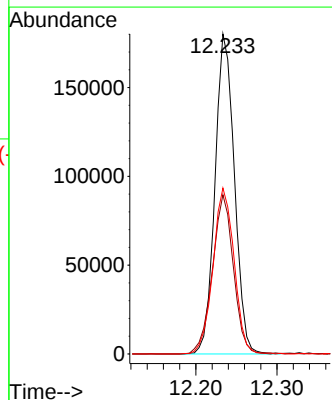
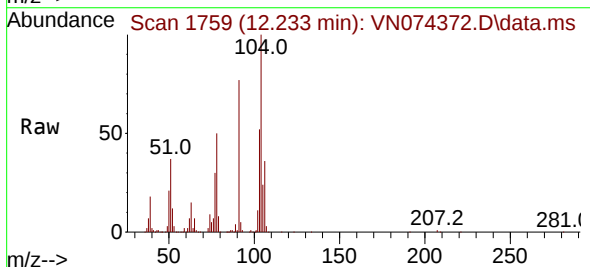
Manual Integrations
APPROVED

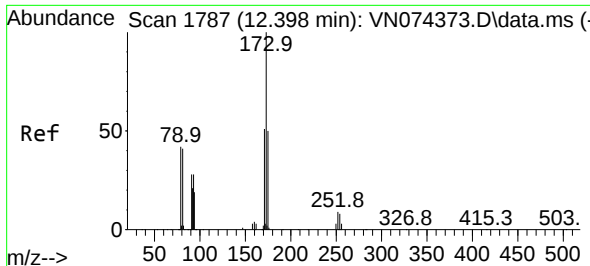
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#70
Styrene
Concen: 20.111 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Tgt Ion:104 Resp: 299575
Ion Ratio Lower Upper
104 100
78 53.7 41.8 62.6
103 56.4 43.4 65.2





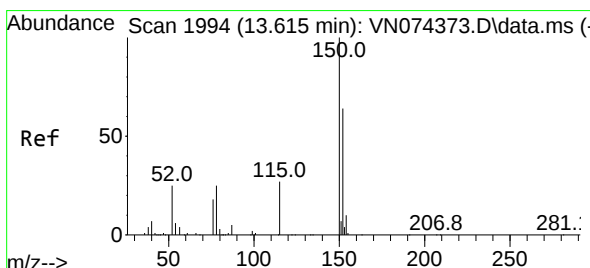
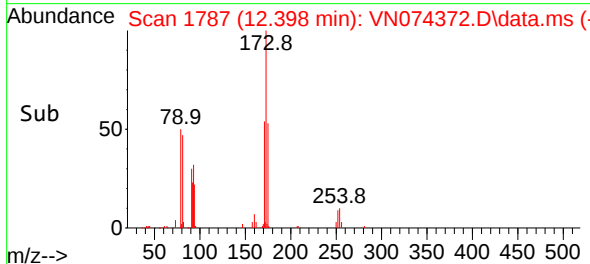
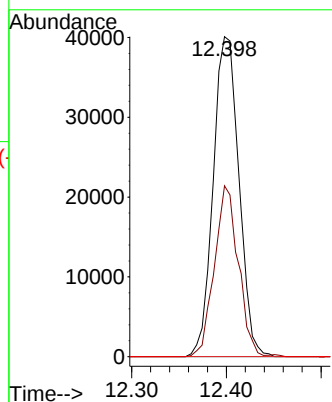
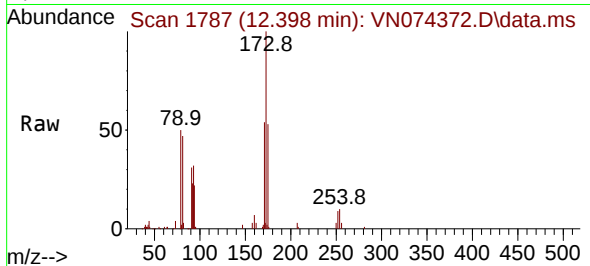
#71
Bromoform
Concen: 19.718 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 7573
Ion Ratio Lower Upper
173 100
175 49.8 24.1 72.3
254 0.0 0.0 0.0

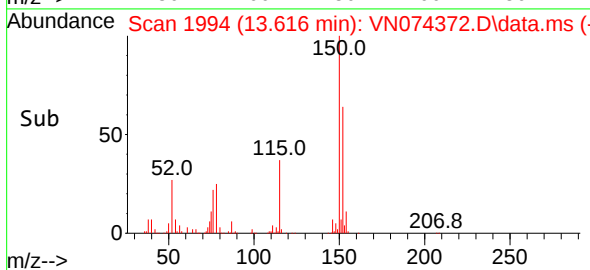
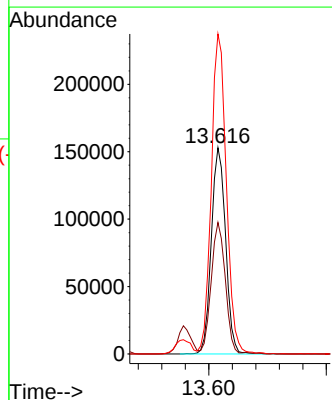
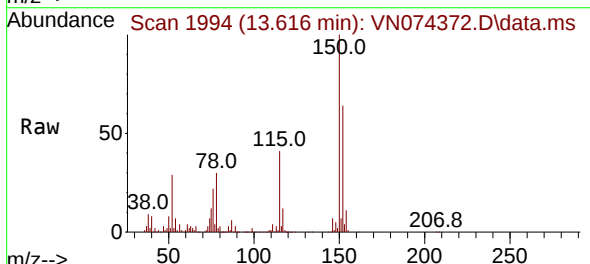
Manual Integrations
APPROVED

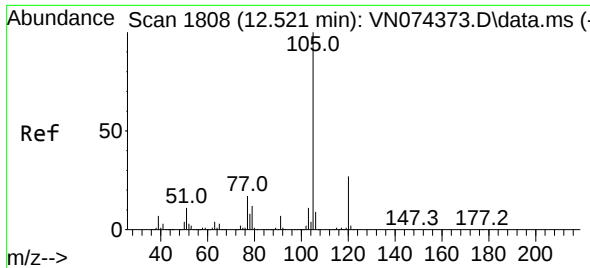
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

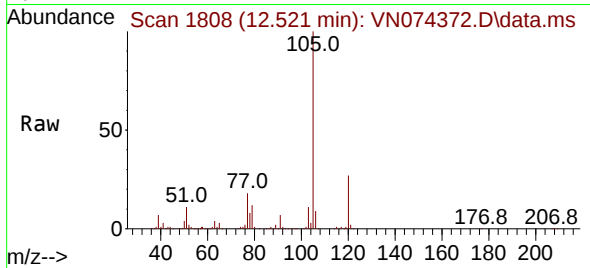
Tgt Ion:152 Resp: 258344
Ion Ratio Lower Upper
152 100
115 63.4 32.0 96.0
150 163.1 0.0 359.6





#73
Isopropylbenzene
Concen: 19.669 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

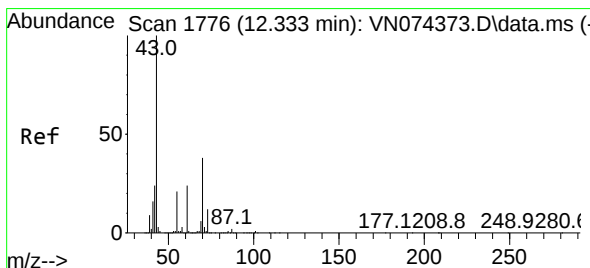
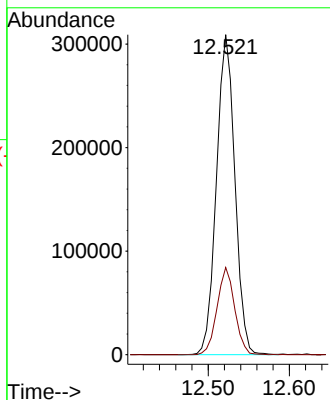
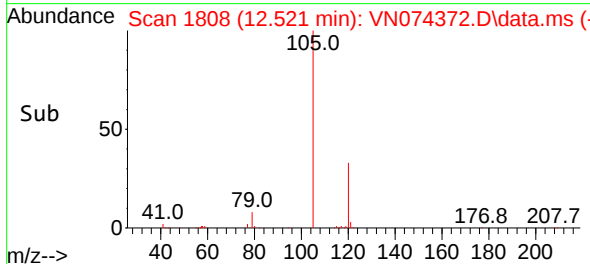
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



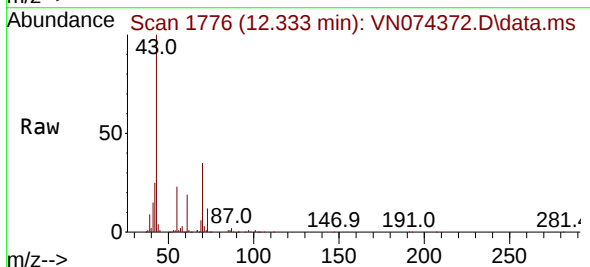
Tgt Ion: 105 Resp: 488204
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

Manual Integrations
APPROVED

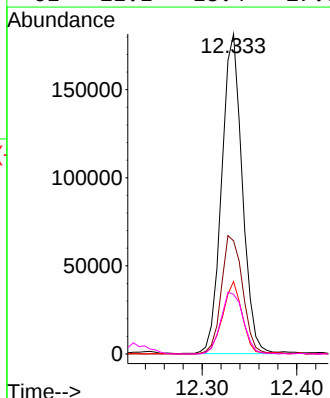
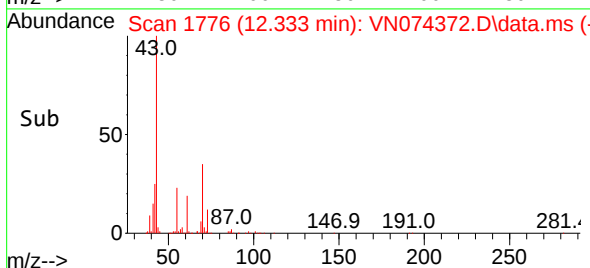
Reviewed By : John Carlone 09/12/2022
Supervised By : Mahesh Dadoda 09/12/2022

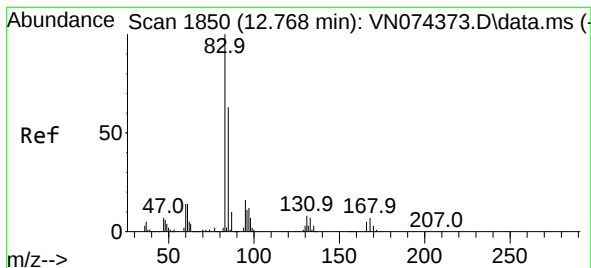


#74
N-ethyl acetate
Concen: 18.936 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00



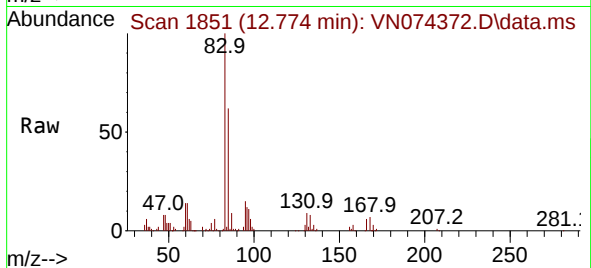
Tgt Ion: 43 Resp: 273650
Ion Ratio Lower Upper
43 100
70 38.4 31.4 47.0
55 21.7 17.0 25.6
61 21.1 18.4 27.6





#75
1,1,2,2-Tetrachloroethane
Concen: 18.833 ug/l
RT: 12.774 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

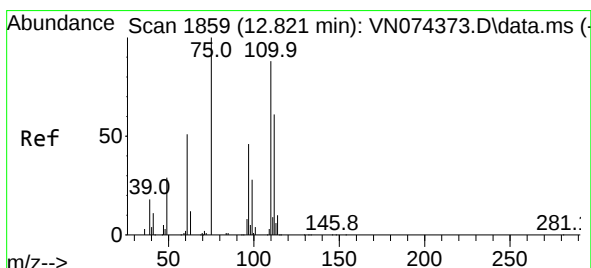
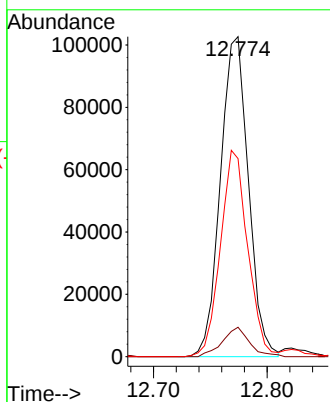
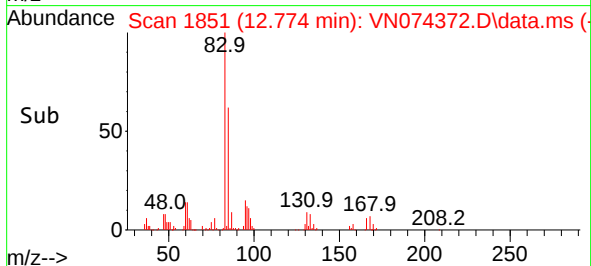
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 17567
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.7
85 62.9 32.3 96.8

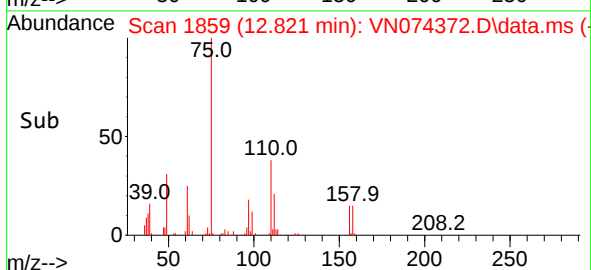
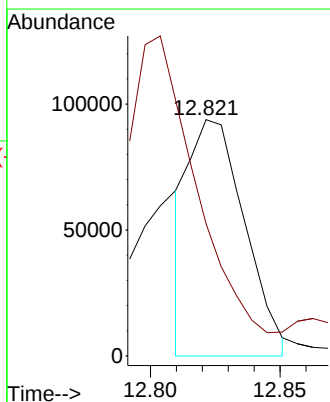
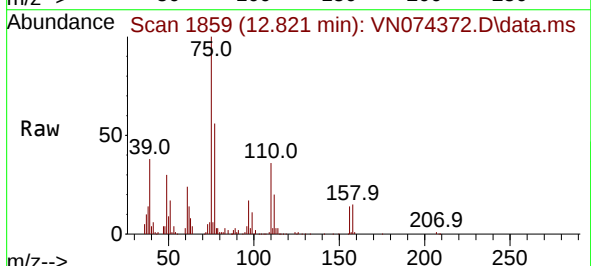
Manual Integrations
APPROVED

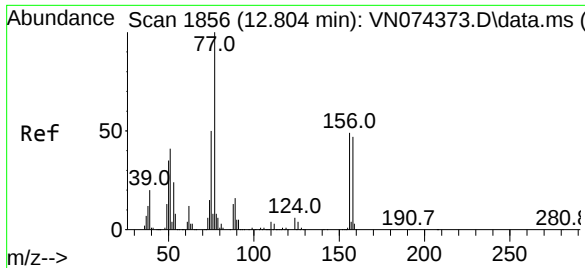
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#76
1,2,3-Trichloropropane
Concen: 16.082 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

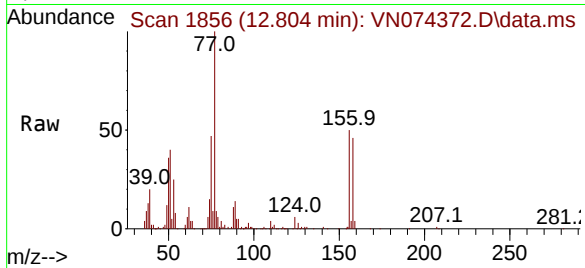
Tgt Ion: 75 Resp: 140969
Ion Ratio Lower Upper
75 100
77 183.8 78.9 236.7





#77
Bromobenzene
Concen: 19.572 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

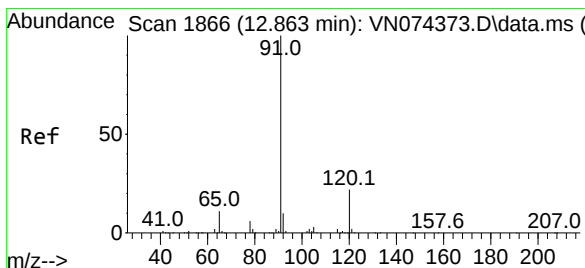
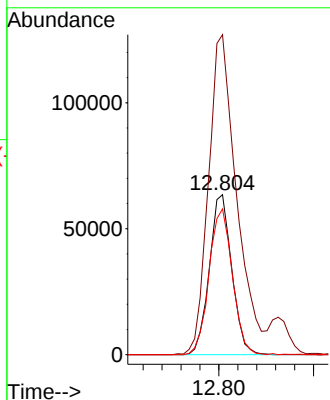
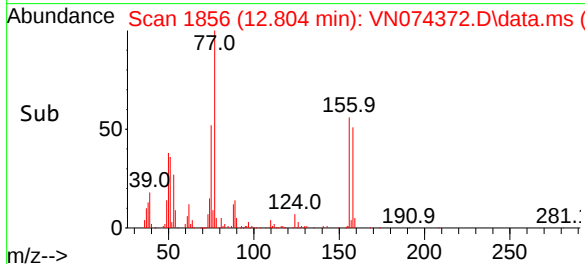
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



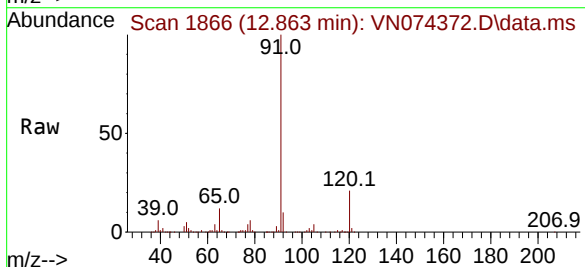
Tgt Ion: 156 Resp: 10428
Ion Ratio Lower Upper
156 100
77 248.5 124.4 373.1
158 94.6 49.2 147.6

Manual Integrations
APPROVED

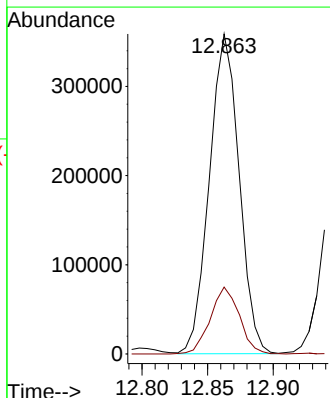
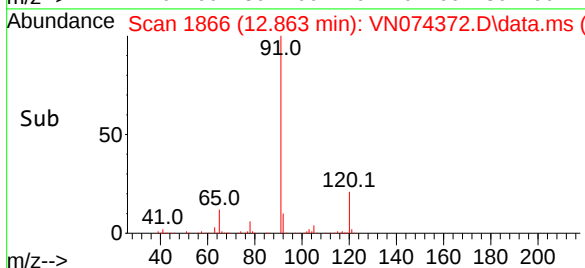
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

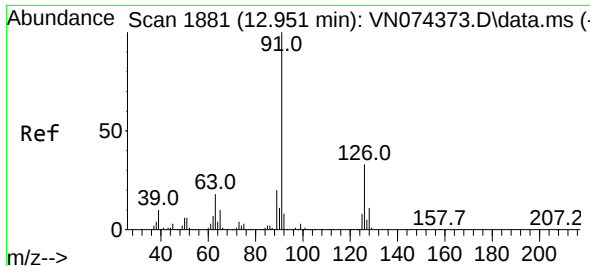


#78
n-propylbenzene
Concen: 19.898 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00



Tgt Ion: 91 Resp: 565787
Ion Ratio Lower Upper
91 100
120 20.3 11.1 33.1





#79
2-Chlorotoluene
Concen: 19.527 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

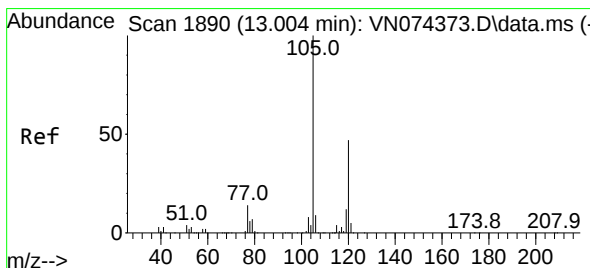
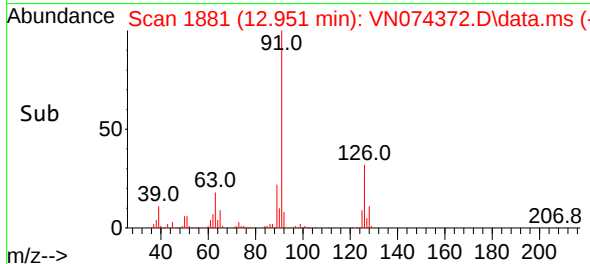
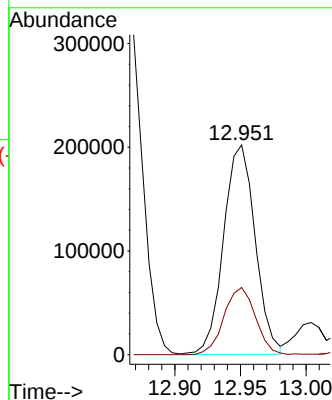
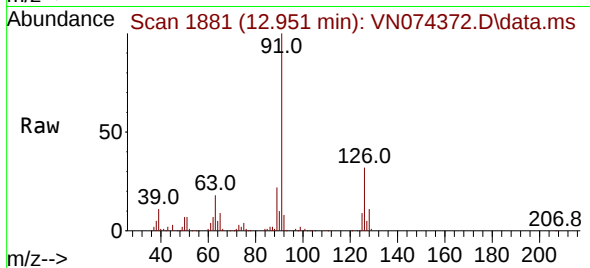
VSTDIC020

Tgt Ion: 91 Resp: 33852
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.5

Manual Integrations

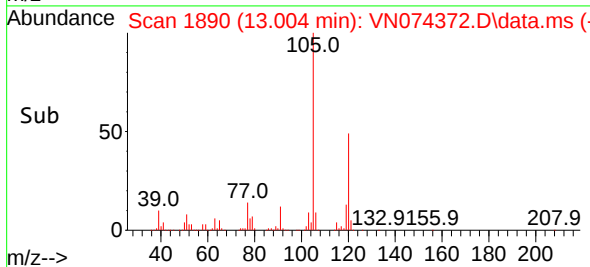
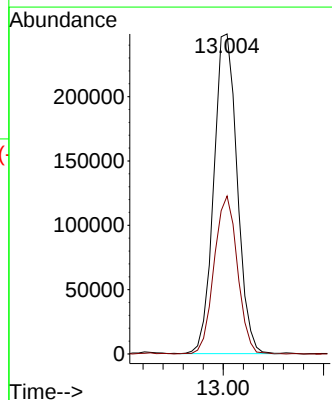
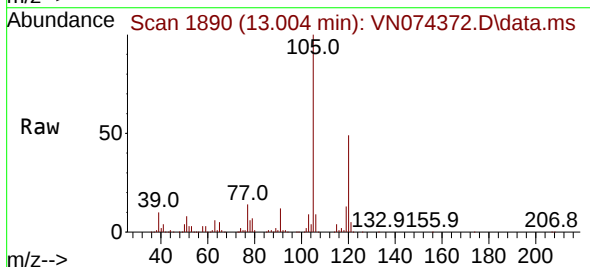
APPROVED

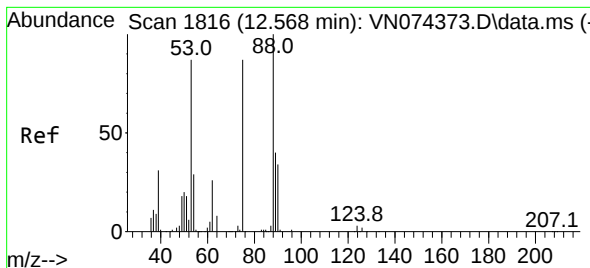
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.509 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Tgt Ion:105 Resp: 401733
Ion Ratio Lower Upper
105 100
120 49.2 23.8 71.4





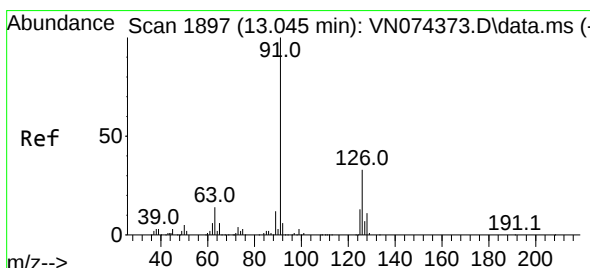
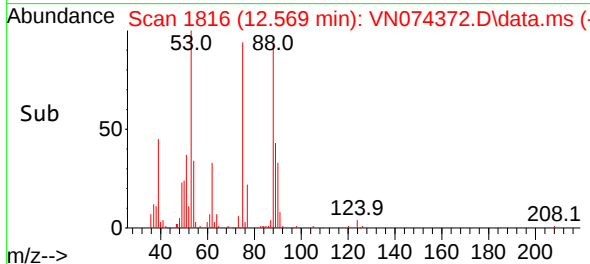
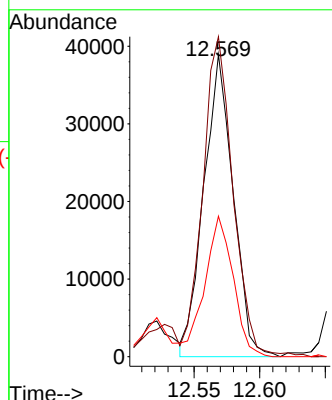
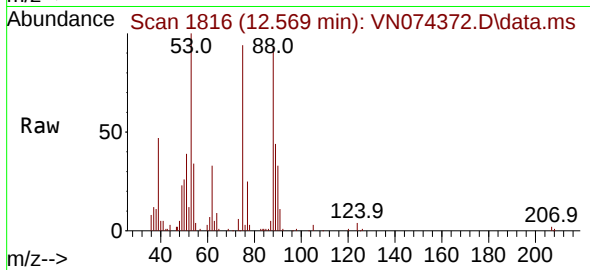
#81
trans-1,4-Dichloro-2-butene
Concen: 19.994 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 6058
Ion Ratio Lower Upper
75 100
53 109.0 82.2 123.2
89 45.2 37.7 56.5

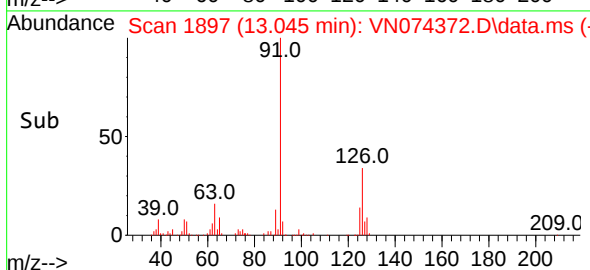
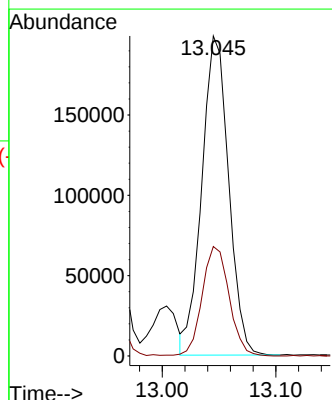
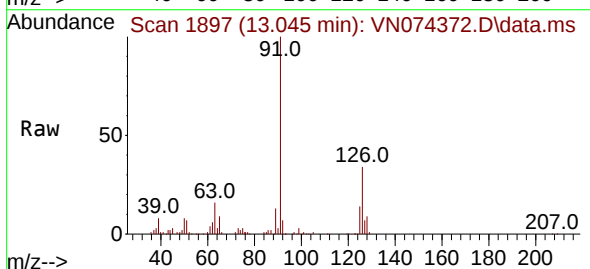
Manual Integrations
APPROVED

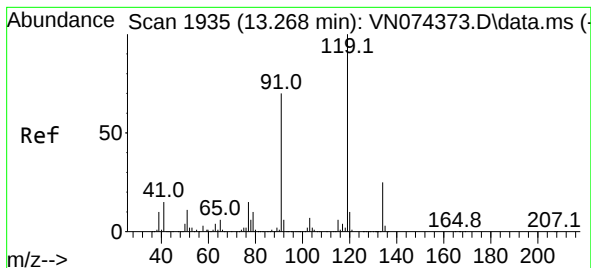
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#82
4-Chlorotoluene
Concen: 19.480 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

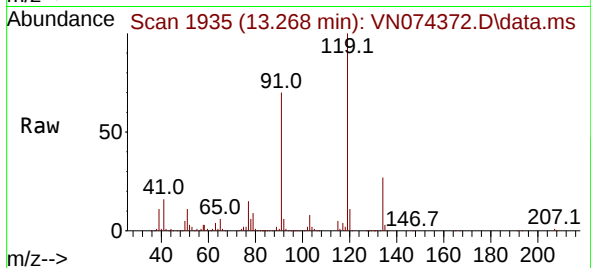
Tgt Ion: 91 Resp: 325839
Ion Ratio Lower Upper
91 100
126 34.4 16.4 49.1





#83
 tert-Butylbenzene
 Concen: 19.341 ug/l
 RT: 13.268 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: VN074372.D
 Acq: 09 Sep 2022 12:00

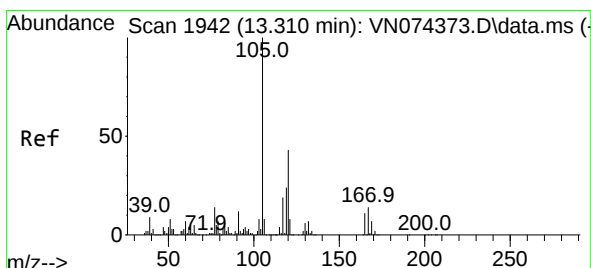
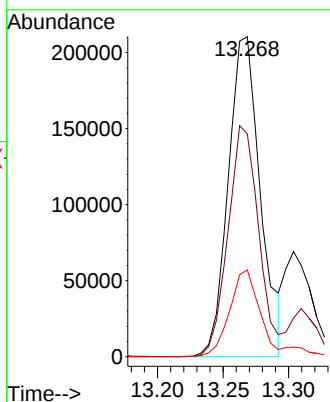
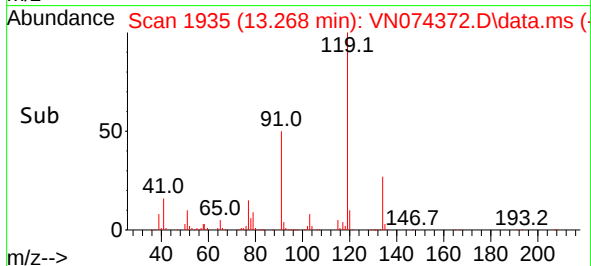
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



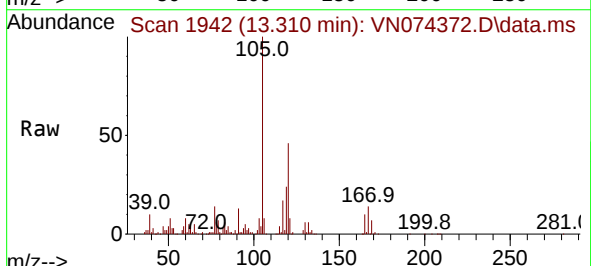
Tgt Ion:119 Resp: 358564
 Ion Ratio Lower Upper
 119 100
 91 68.9 33.8 101.3
 134 27.5 13.1 39.3

Manual Integrations
 APPROVED

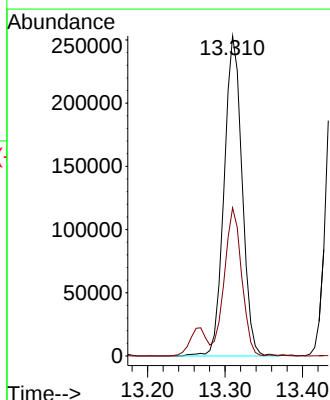
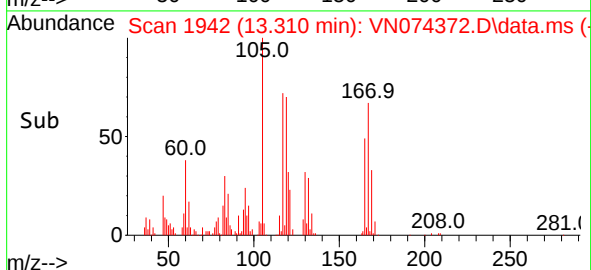
Reviewed By :John Carlone 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022

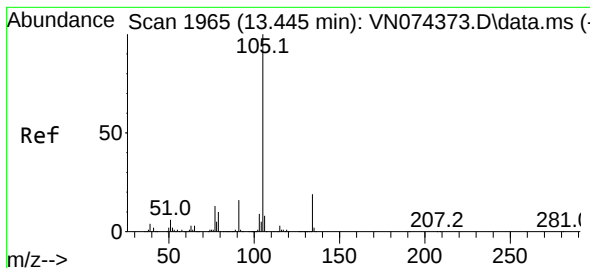


#84
 1,2,4-Trimethylbenzene
 Concen: 19.975 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. 0.000 min
 Lab File: VN074372.D
 Acq: 09 Sep 2022 12:00



Tgt Ion:105 Resp: 407698
 Ion Ratio Lower Upper
 105 100
 120 44.6 21.9 65.8





#85

sec-Butylbenzene

Concen: 19.610 ug/l

RT: 13.445 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VN074372.D

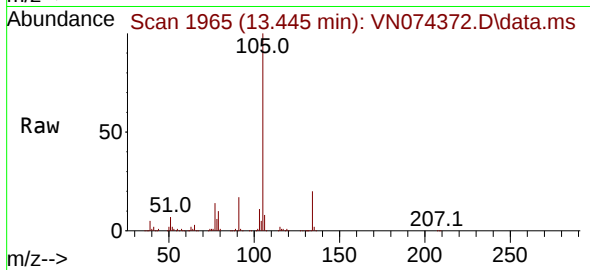
Acq: 09 Sep 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020



Tgt Ion:105 Resp: 494752

Ion Ratio Lower Upper

105 100

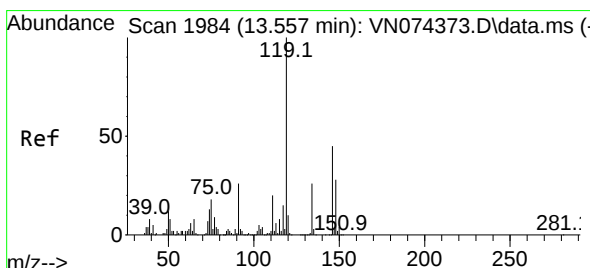
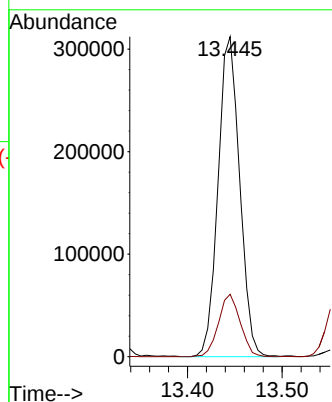
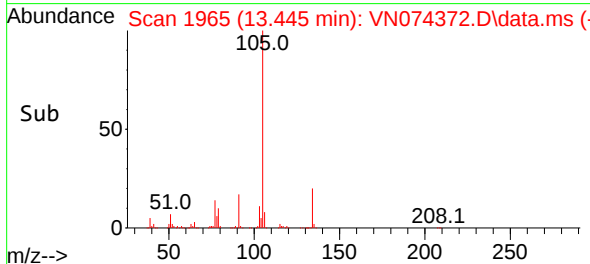
134 19.6 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#86

p-Isopropyltoluene

Concen: 19.837 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN074372.D

Acq: 09 Sep 2022 12:00

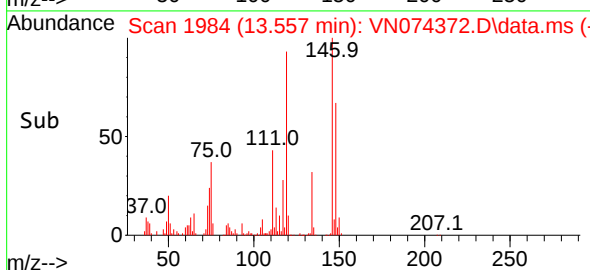
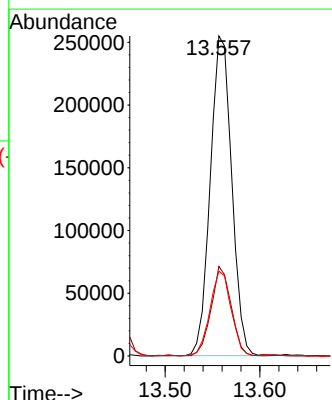
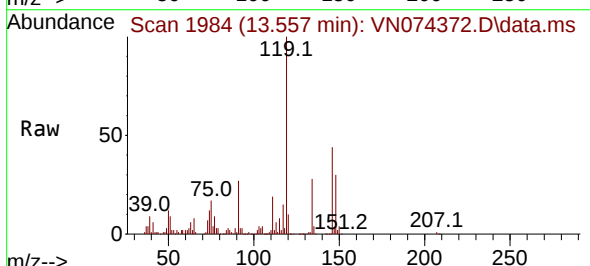
Tgt Ion:119 Resp: 400587

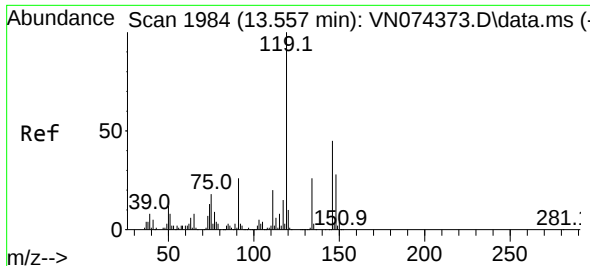
Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

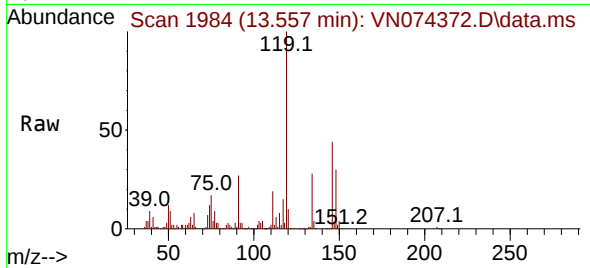
91 26.0 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 19.547 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

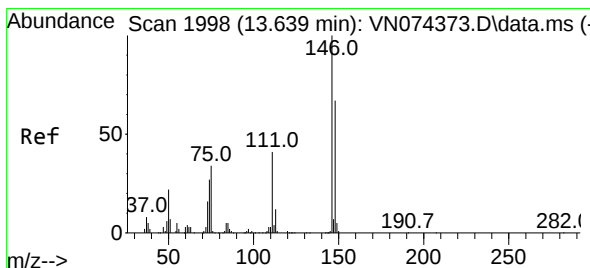
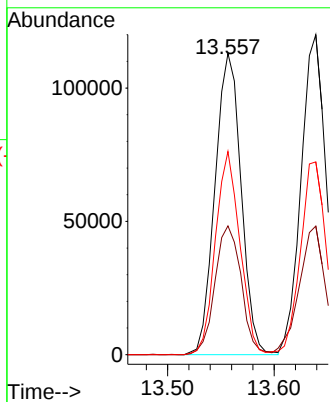
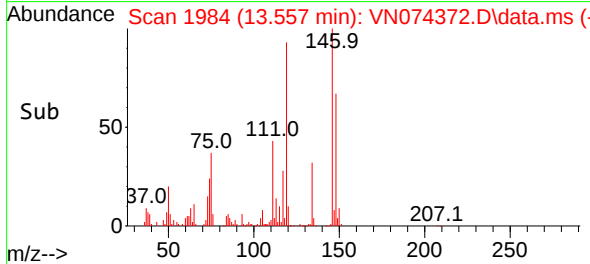
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



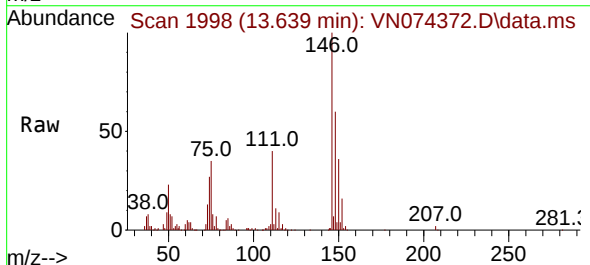
Tgt Ion:146 Resp: 192568
Ion Ratio Lower Upper
146 100
111 43.0 21.5 64.5
148 63.1 32.0 96.0

Manual Integrations
APPROVED

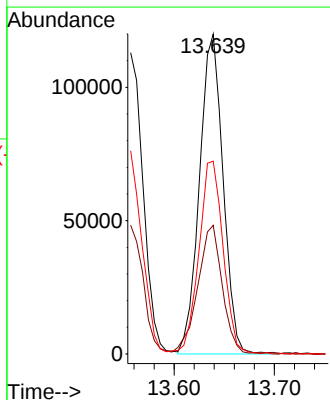
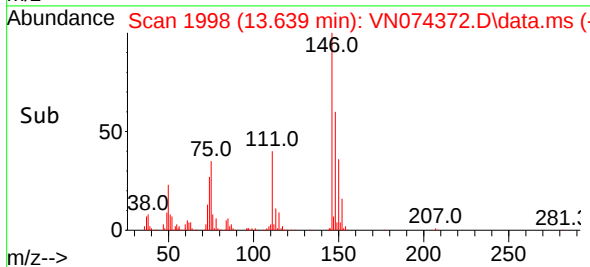
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

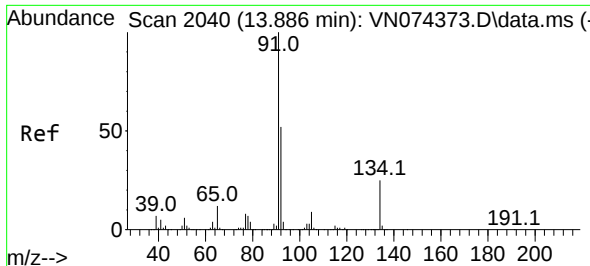


#88
1,4-Dichlorobenzene
Concen: 19.750 ug/l
RT: 13.639 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00



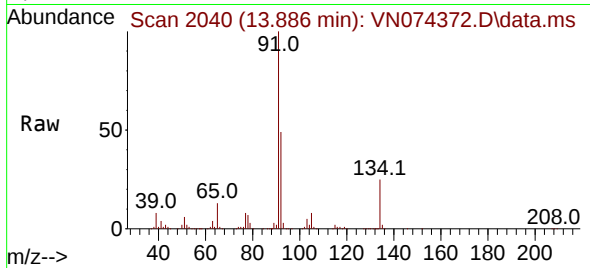
Tgt Ion:146 Resp: 196552
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.2
148 62.2 32.1 96.5





#89
n-Butylbenzene
Concen: 19.822 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

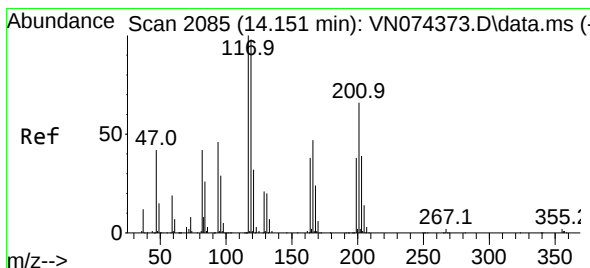
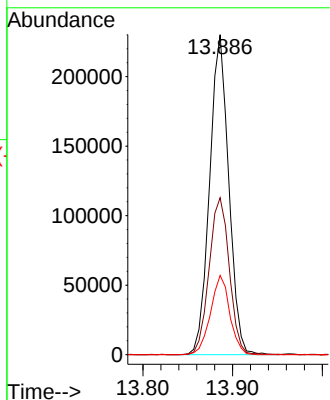
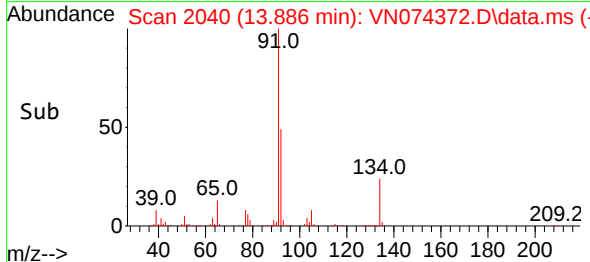
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 340630
Ion Ratio Lower Upper
91 100
92 51.8 25.8 77.4
134 24.9 12.4 37.0

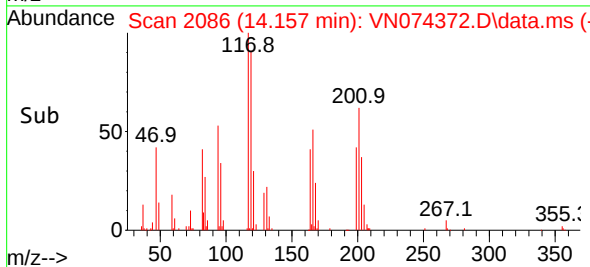
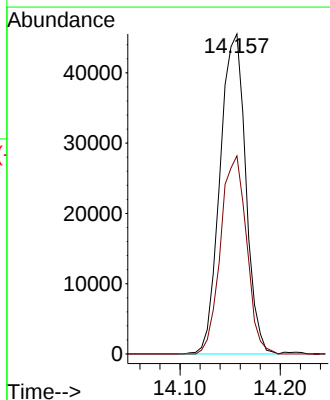
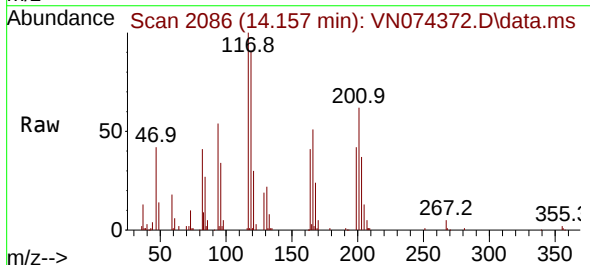
Manual Integrations
APPROVED

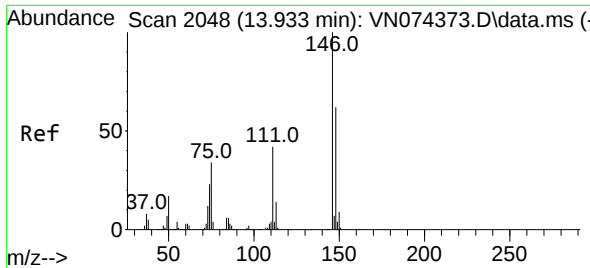
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#90
Hexachloroethane
Concen: 18.936 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

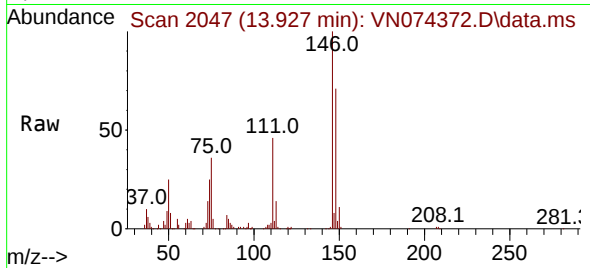
Tgt Ion:117 Resp: 80783
Ion Ratio Lower Upper
117 100
201 62.6 32.6 98.0





#91
1,2-Dichlorobenzene
Concen: 19.004 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. -0.006 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

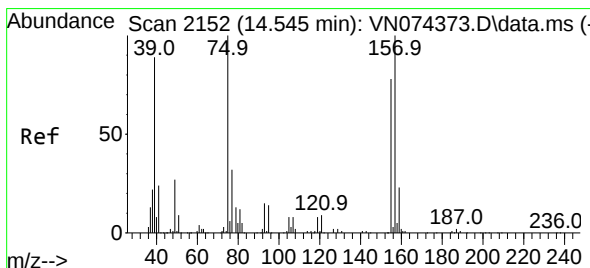
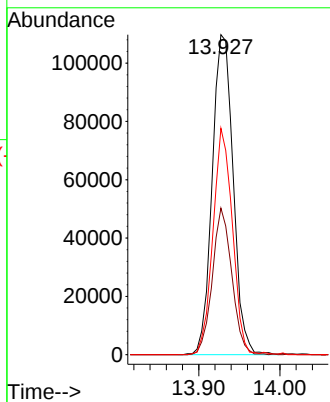
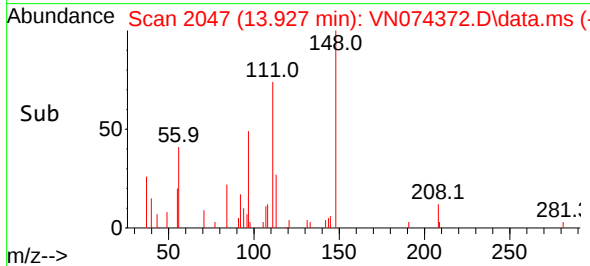
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



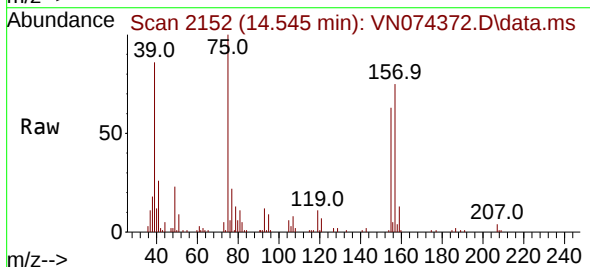
Tgt Ion:146 Resp: 19689
Ion Ratio Lower Upper
146 100
111 42.6 21.9 65.7
148 66.0 31.4 94.2

Manual Integrations
APPROVED

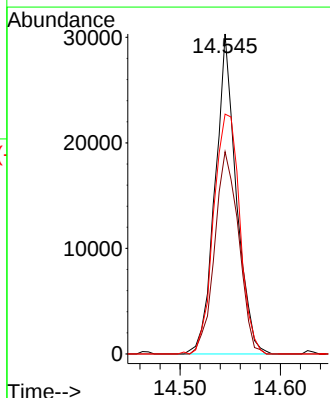
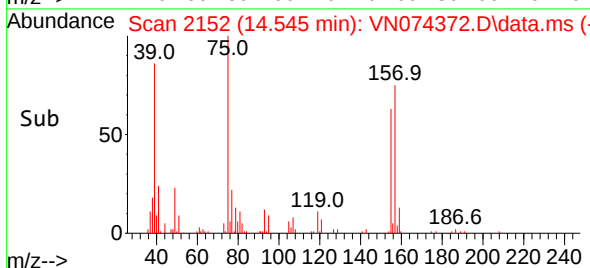
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

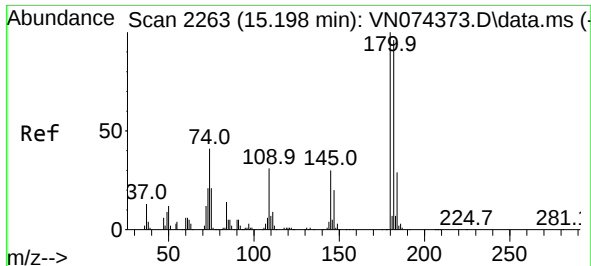


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.528 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00



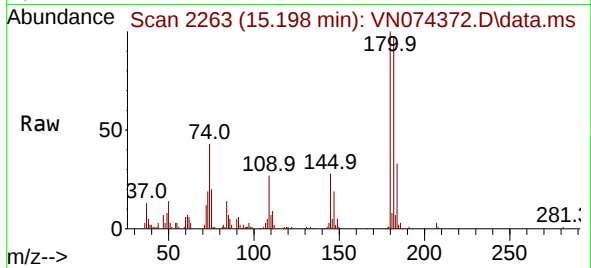
Tgt Ion: 75 Resp: 44506
Ion Ratio Lower Upper
75 100
155 71.6 36.6 109.9
157 92.4 46.2 138.5





#93
1,2,4-Trichlorobenzene
Concen: 18.677 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

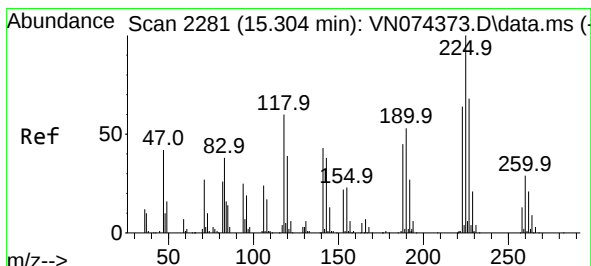
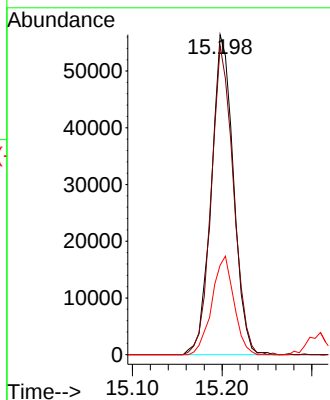
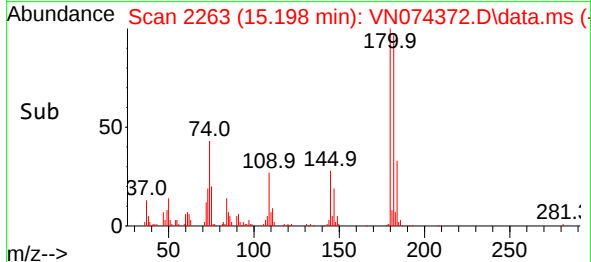
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



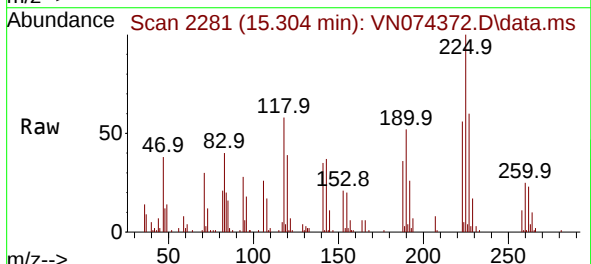
Tgt Ion:180 Resp: 96425
Ion Ratio Lower Upper
180 100
182 96.5 47.4 142.2
145 30.6 16.1 48.2

Manual Integrations
APPROVED

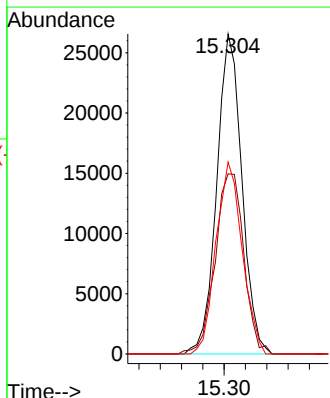
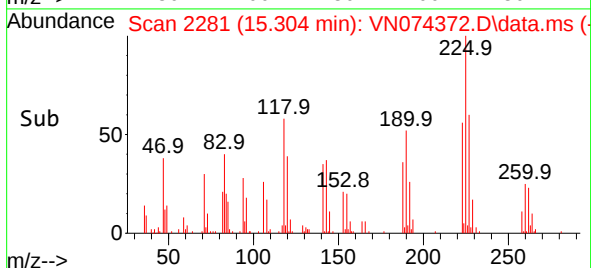
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

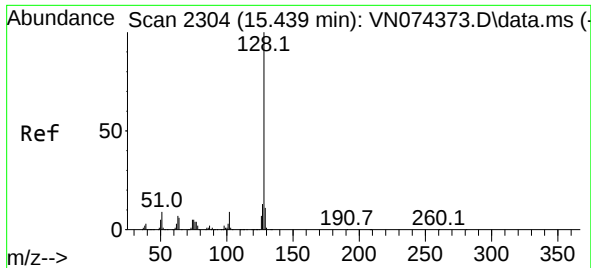


#94
Hexachlorobutadiene
Concen: 18.572 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00



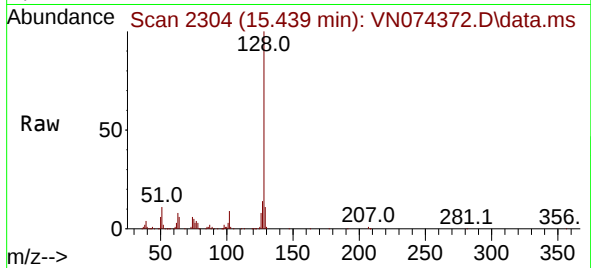
Tgt Ion:225 Resp: 43458
Ion Ratio Lower Upper
225 100
223 64.3 31.6 94.8
227 62.5 31.8 95.4





#95
Naphthalene
Concen: 19.432 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

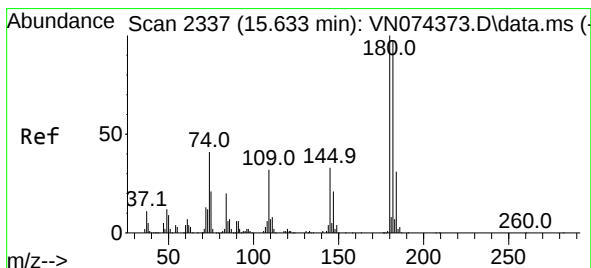
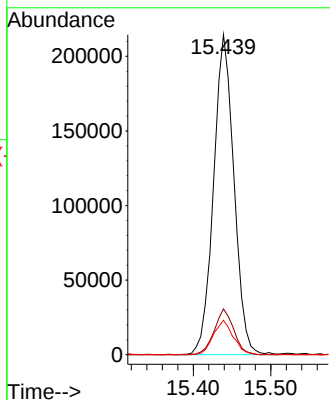
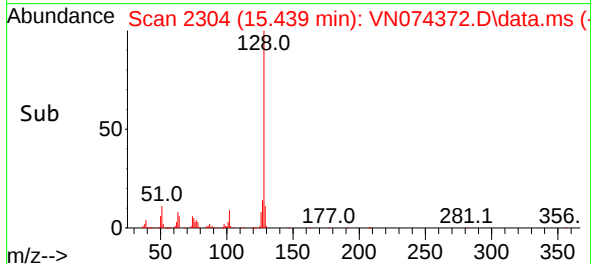
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 39248
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 10.5 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.524 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VN074372.D
Acq: 09 Sep 2022 12:00

Tgt Ion:180 Resp: 98965
Ion Ratio Lower Upper
180 100
182 97.8 47.6 142.8
145 35.2 17.3 52.0

