

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073889.D
 Acq On : 15 Aug 2022 11:15
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 15 13:08:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 13:00:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/16/2022
 Supervised By : Mahesh Dadoda 08/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	576346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	846055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	747858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	369261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	107899	15.362	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	30.720%#		
35) Dibromofluoromethane	7.957	113	95039	17.889	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	35.780%#		
50) Toluene-d8	10.380	98	365754	17.495	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	35.000%#		
62) 4-Bromofluorobenzene	12.674	95	119372	18.465	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	36.940%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	95323	17.052	ug/l	97
3) Chloromethane	2.269	50	102717	12.749	ug/l	96
4) Vinyl Chloride	2.404	62	132604	13.563	ug/l	98
5) Bromomethane	2.810	94	85122	15.012	ug/l	97
6) Chloroethane	2.969	64	90017	13.201	ug/l	96
7) Trichlorofluoromethane	3.322	101	166692	16.543	ug/l	97
8) Diethyl Ether	3.769	74	61686	16.304	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.145	101	96110	17.240	ug/l	93
10) Methyl Iodide	4.351	142	120564	21.274	ug/l	99
11) Tert butyl alcohol	5.287	59	135014	89.132	ug/l	99
12) 1,1-Dichloroethene	4.116	96	90799	16.605	ug/l	89
13) Acrolein	3.981	56	93796	62.459	ug/l	99
14) Allyl chloride	4.763	41	132523	15.159	ug/l	96
15) Acrylonitrile	5.475	53	318348	75.976	ug/l	100
16) Acetone	4.222	43	270975	71.829	ug/l	96
17) Carbon Disulfide	4.463	76	209826	14.472	ug/l	98
18) Methyl Acetate	4.775	43	151443	16.136	ug/l	95
19) Methyl tert-butyl Ether	5.534	73	338451	18.118	ug/l	95
20) Methylene Chloride	5.016	84	108673	13.650	ug/l	93
21) trans-1,2-Dichloroethene	5.516	96	100655	17.004	ug/l	94
22) Diisopropyl ether	6.410	45	288928	15.319	ug/l	95
23) Vinyl Acetate	6.351	43	1256350	79.448	ug/l	98
24) 1,1-Dichloroethane	6.304	63	181332	15.627	ug/l	97
25) 2-Butanone	7.257	43	434227	74.118	ug/l	94
26) 2,2-Dichloropropane	7.251	77	157440	17.636	ug/l	97
27) cis-1,2-Dichloroethene	7.251	96	125321	17.184	ug/l	92
28) Bromochloromethane	7.586	49	57913	11.887	ug/l	84
29) Tetrahydrofuran	7.610	42	278687	75.238	ug/l	94
30) Chloroform	7.745	83	197179	16.310	ug/l	98
31) Cyclohexane	8.022	56	152644	14.598	ug/l #	90
32) 1,1,1-Trichloroethane	7.945	97	179637	17.895	ug/l	96
36) 1,1-Dichloropropene	8.151	75	131460	17.362	ug/l	97
37) Ethyl Acetate	7.339	43	172161	17.265	ug/l	99
38) Carbon Tetrachloride	8.133	117	154316	20.066	ug/l	96
39) Methylcyclohexane	9.392	83	170046	18.793	ug/l	94
40) Benzene	8.392	78	437519	17.794	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	68109	15.094	ug/l #	90
42) 1,2-Dichloroethane	8.463	62	152400	18.391	ug/l	98
43) Isopropyl Acetate	8.492	43	238856	17.734	ug/l	97
44) Trichloroethene	9.151	130	126838	20.342	ug/l	94
45) 1,2-Dichloropropane	9.427	63	105656	17.191	ug/l	97
46) Dibromomethane	9.516	93	79545	18.648	ug/l	91
47) Bromodichloromethane	9.698	83	153215	18.715	ug/l	95
48) Methyl methacrylate	9.498	41	104989	17.808	ug/l	90
49) 1,4-Dioxane	9.504	88	64260	386.661	ug/l	91
51) 4-Methyl-2-Pentanone	10.269	43	844228	87.391	ug/l	100
52) Toluene	10.445	92	288595	19.216	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	163493	20.215	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	176369	19.352	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	118048	18.849	ug/l	99
56) Ethyl methacrylate	10.704	69	170875	19.796	ug/l	98
57) 1,3-Dichloropropane	10.986	76	188305	17.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	403252	103.875	ug/l	95
59) 2-Hexanone	11.027	43	651011	88.947	ug/l	100
60) Dibromochloromethane	11.180	129	131833	21.159	ug/l	98
61) 1,2-Dibromoethane	11.286	107	124360	19.280	ug/l	99
64) Tetrachloroethene	10.916	164	115408	19.418	ug/l	91
65) Chlorobenzene	11.710	112	313998	19.767	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	121843	21.385	ug/l	98
67) Ethyl Benzene	11.786	91	523076	19.518	ug/l	97
68) m/p-Xylenes	11.892	106	423378	41.422	ug/l	96
69) o-Xylene	12.221	106	211671	21.242	ug/l	95
70) Styrene	12.233	104	337334	21.147	ug/l	98
71) Bromoform	12.398	173	108022	22.969	ug/l	100
73) Isopropylbenzene	12.521	105	534772	19.784	ug/l	98
74) N-amyl acetate	12.327	43	199831	19.566	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	183395	17.582	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	158926m	18.956	ug/l	
77) Bromobenzene	12.798	156	139457	19.811	ug/l	92
78) n-propylbenzene	12.863	91	567037	18.643	ug/l	97
79) 2-Chlorotoluene	12.945	91	354469	18.673	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	448478	20.161	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	56822	19.942	ug/l	99
82) 4-Chlorotoluene	13.045	91	332389	18.475	ug/l	94
83) tert-Butylbenzene	13.262	119	401364	20.370	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	442336	20.223	ug/l	98
85) sec-Butylbenzene	13.439	105	521664	19.156	ug/l	97
86) p-Isopropyltoluene	13.557	119	451025	21.009	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	249548	19.422	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	248286	19.313	ug/l	97
89) n-Butylbenzene	13.880	91	337504	19.322	ug/l	99
90) Hexachloroethane	14.151	117	77378	18.167	ug/l	86
91) 1,2-Dichlorobenzene	13.927	146	260938	20.041	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	43193	20.610	ug/l	85
93) 1,2,4-Trichlorobenzene	15.198	180	156365	24.183	ug/l	99
94) Hexachlorobutadiene	15.304	225	79475	22.609	ug/l	98
95) Naphthalene	15.433	128	542395	25.850	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	165459	24.314	ug/l	99

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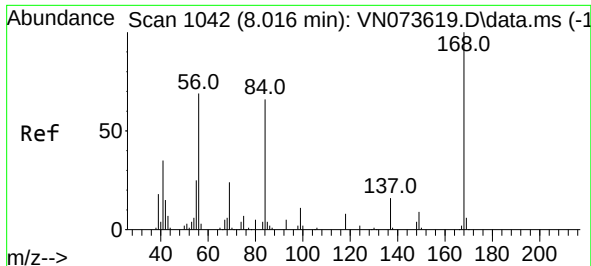
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/16/2022

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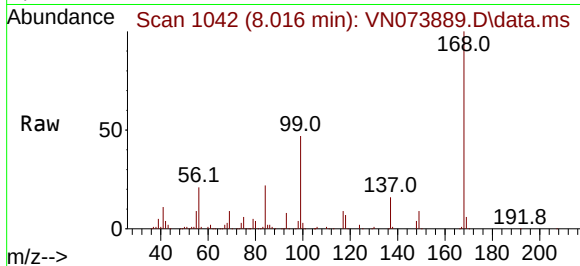
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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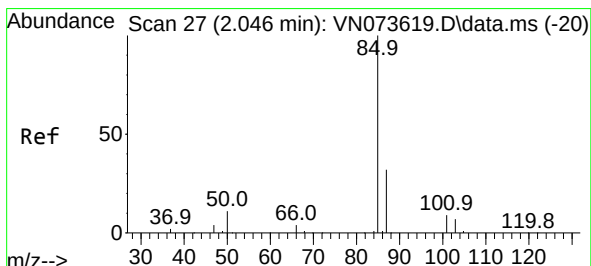
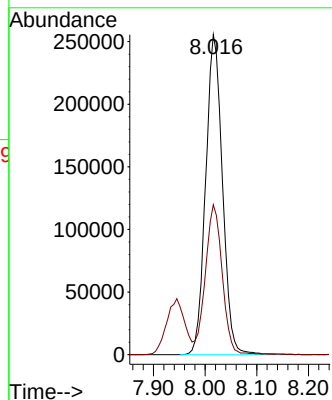
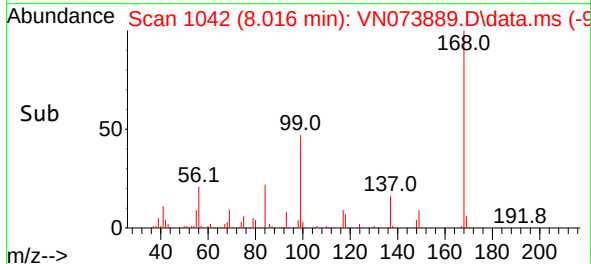
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VSTDICC020



Tgt Ion:168 Resp: 576340
Ion Ratio Lower Upper
168 100
99 46.7 42.3 63.5

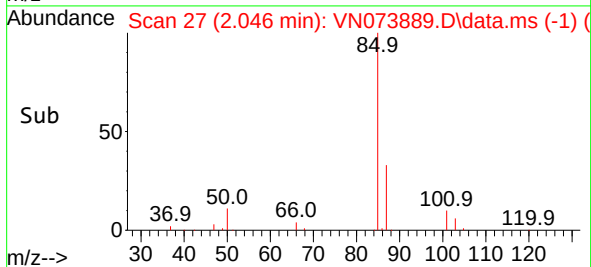
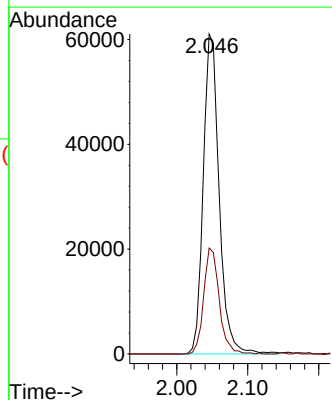
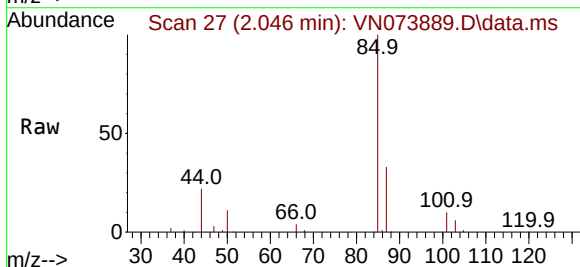
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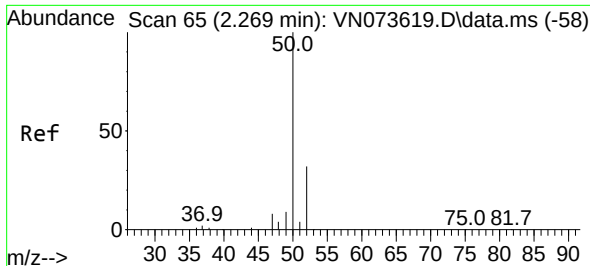
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#2
Dichlorodifluoromethane
Concen: 17.052 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Tgt Ion: 85 Resp: 95323
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.1





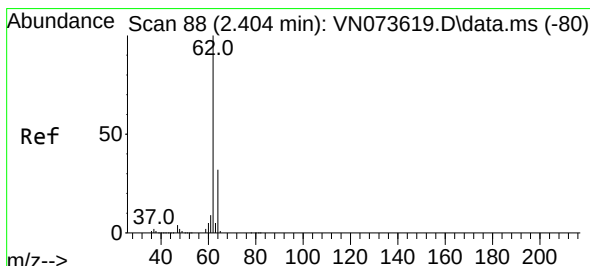
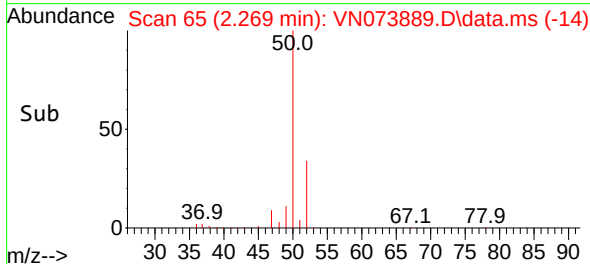
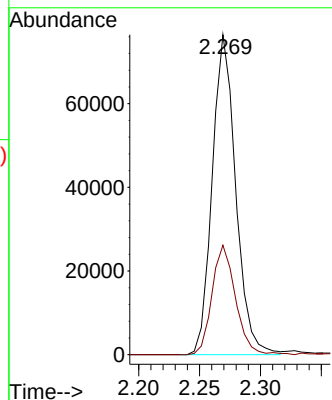
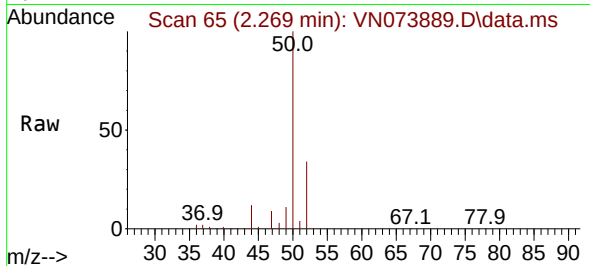
#3
Chloromethane
Concen: 12.749 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

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Tgt Ion: 50 Resp: 10271
Ion Ratio Lower Upper
50 100
52 34.2 25.7 38.5

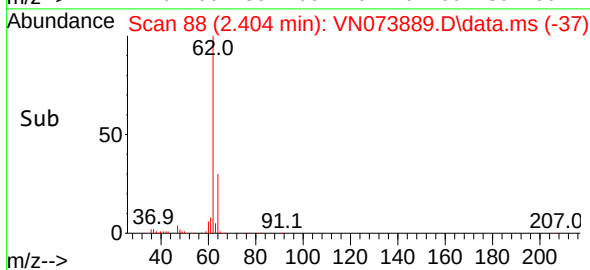
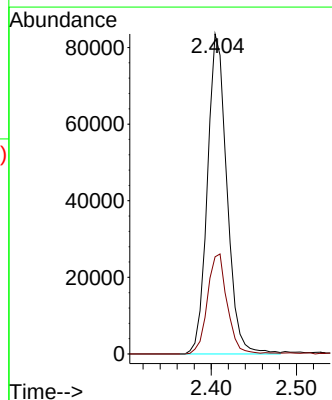
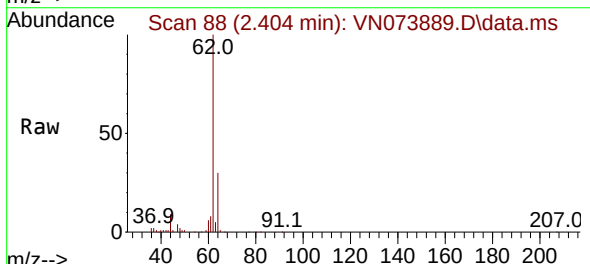
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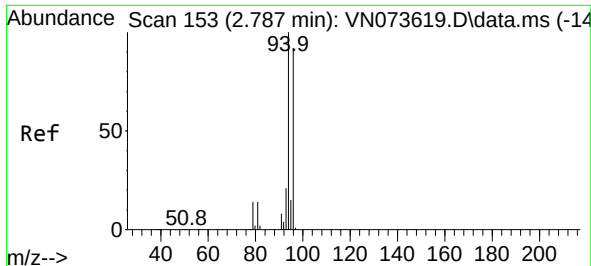
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#4
Vinyl Chloride
Concen: 13.563 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073889.D
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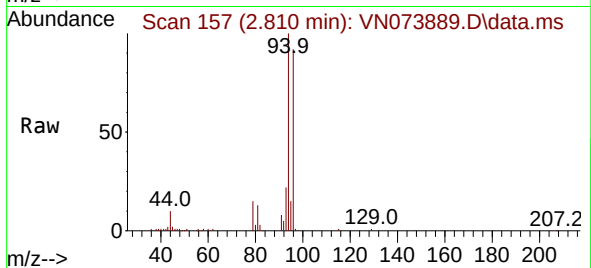
Tgt Ion: 62 Resp: 132604
Ion Ratio Lower Upper
62 100
64 30.4 25.0 37.4





#5
Bromomethane
Concen: 15.012 ug/l
RT: 2.810 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

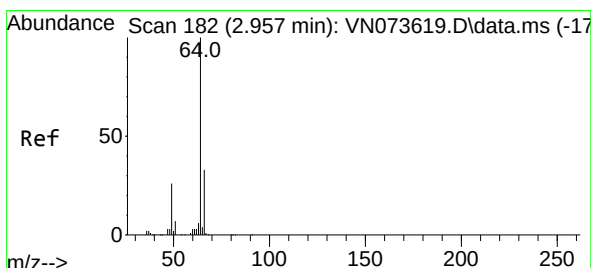
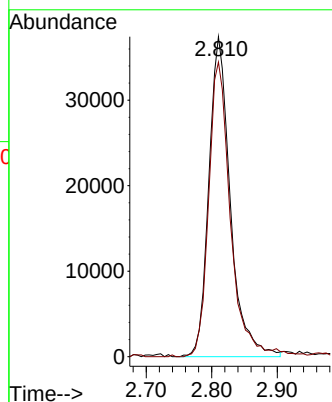
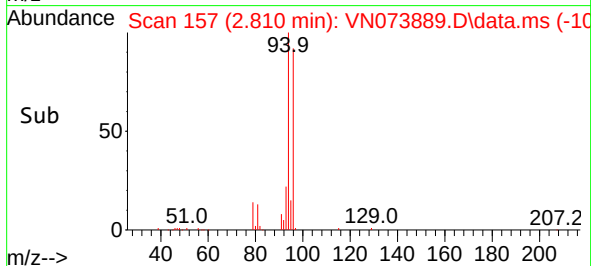
Instrument :
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Tgt Ion: 94 Resp: 8512
Ion Ratio Lower Upper
94 100
96 92.1 76.0 114.0

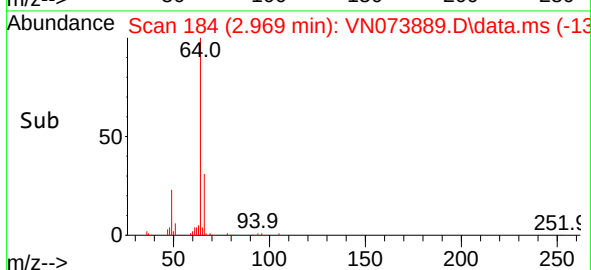
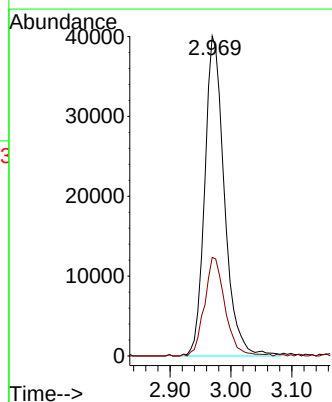
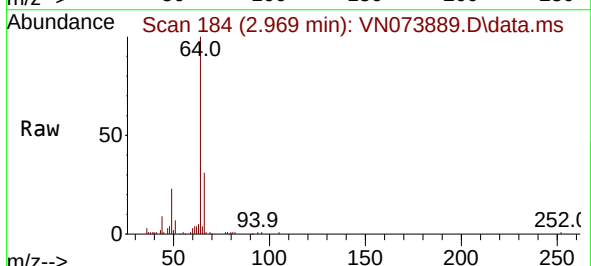
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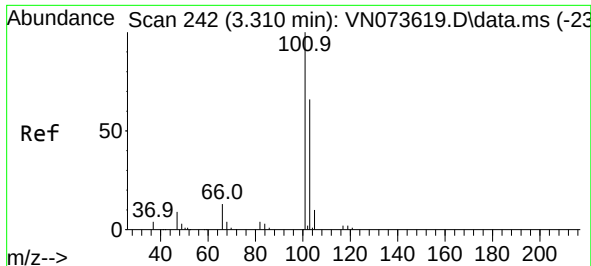
Reviewed By :John Carlone 08/16/2022
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#6
Chloroethane
Concen: 13.201 ug/l
RT: 2.969 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Tgt Ion: 64 Resp: 90017
Ion Ratio Lower Upper
64 100
66 30.8 26.2 39.4





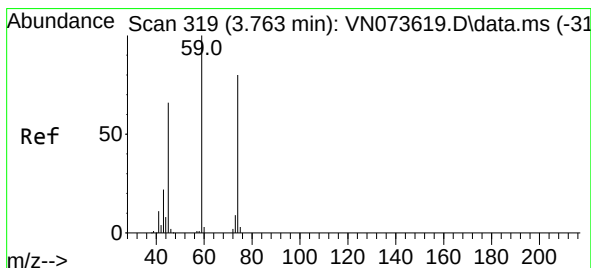
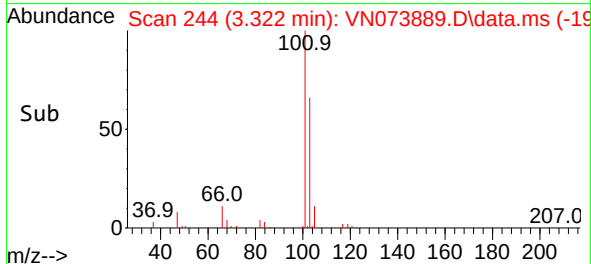
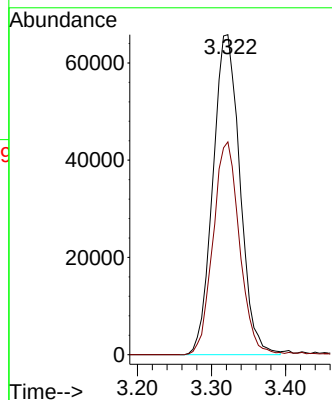
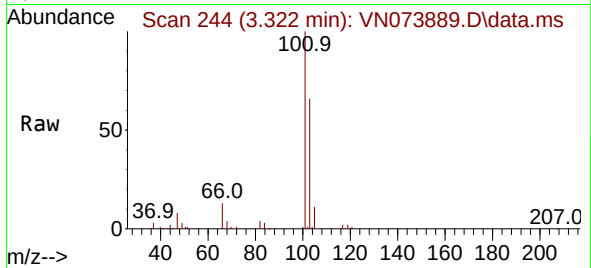
#7
Trichlorofluoromethane
Concen: 16.543 ug/l
RT: 3.322 min Scan# 24
Delta R.T. 0.012 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 166692
Ion Ratio Lower Upper
101 100
103 66.5 51.5 77.3

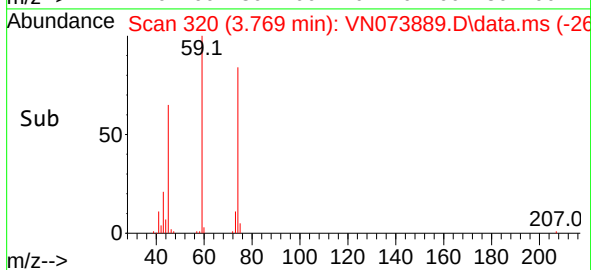
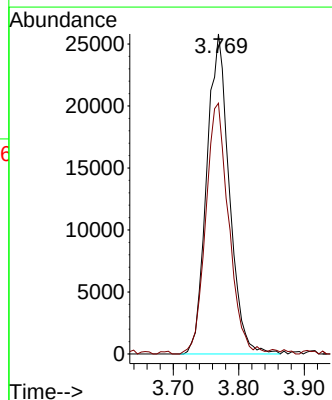
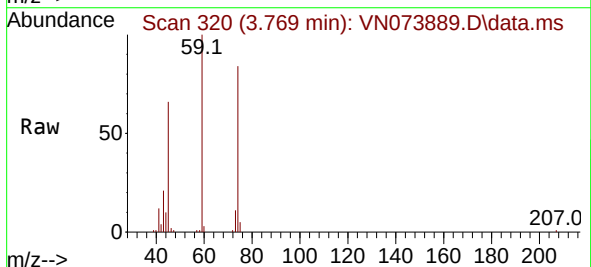
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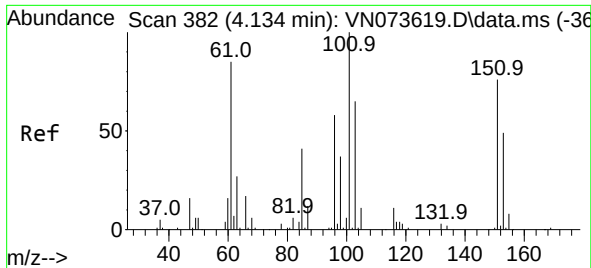
Reviewed By :John Carlone 08/16/2022
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#8
Diethyl Ether
Concen: 16.304 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.006 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Tgt Ion: 74 Resp: 61686
Ion Ratio Lower Upper
74 100
45 80.0 42.9 128.5





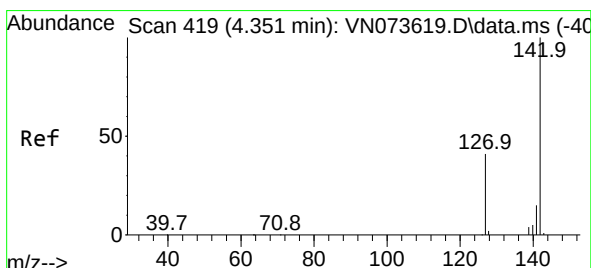
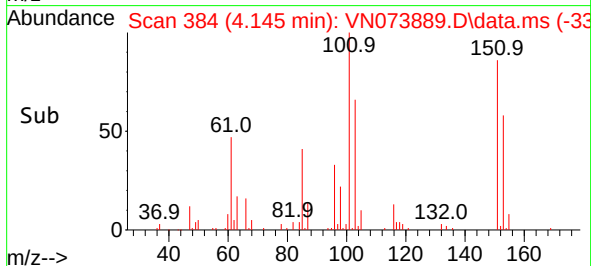
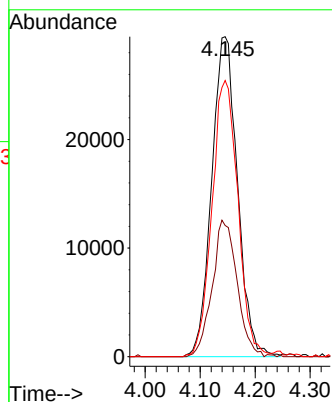
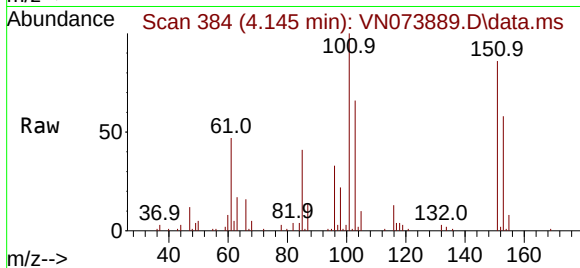
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.240 ug/l
RT: 4.145 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020

Tgt Ion:101 Resp: 96110
Ion Ratio Lower Upper
101 100
85 41.2 34.7 52.1
151 86.7 63.0 94.4

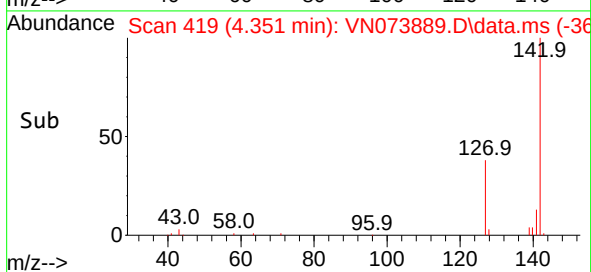
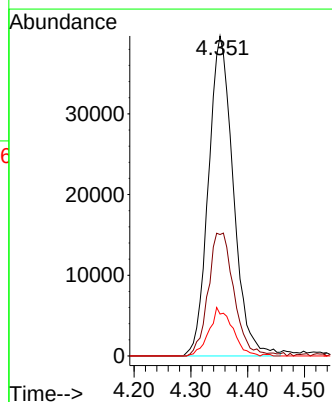
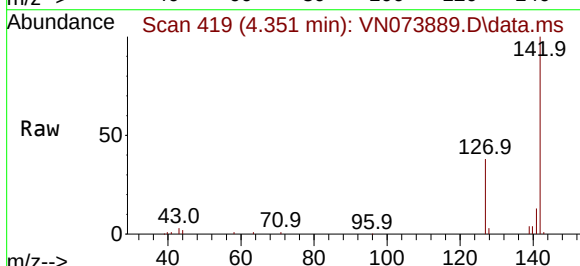
Manual Integrations
APPROVED

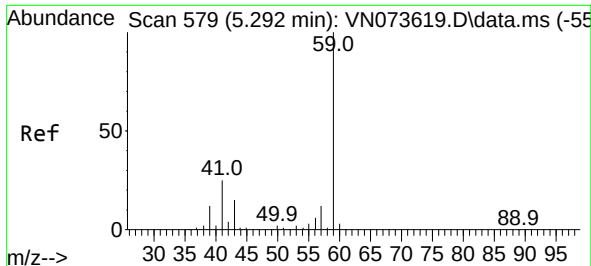
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#10
Methyl Iodide
Concen: 21.274 ug/l
RT: 4.351 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Tgt Ion:142 Resp: 120564
Ion Ratio Lower Upper
142 100
127 40.2 31.3 46.9
141 14.2 11.2 16.8





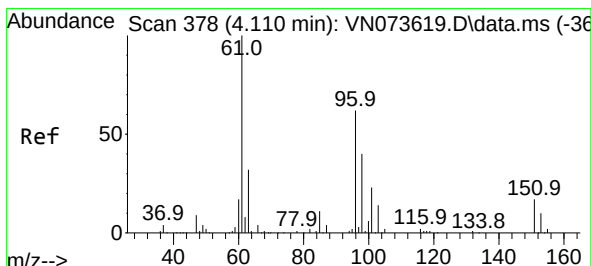
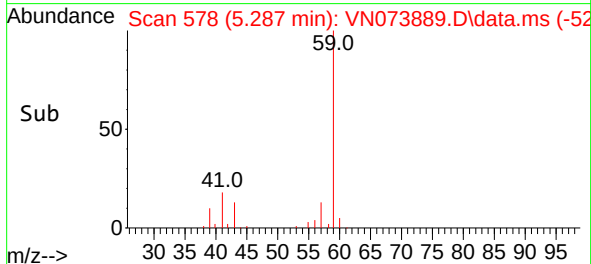
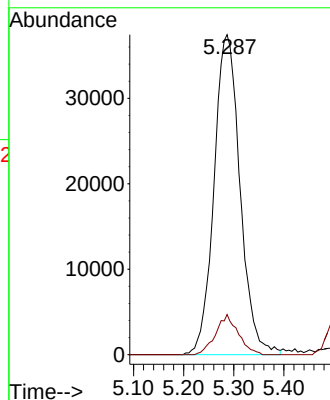
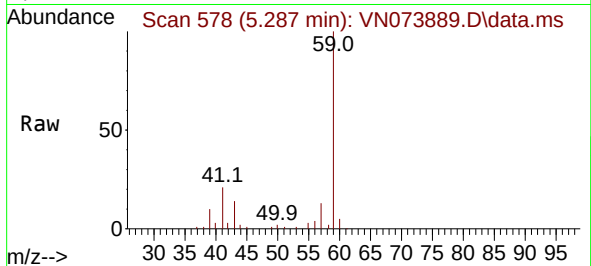
#11
Tert butyl alcohol
Concen: 89.132 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.005 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 135014
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

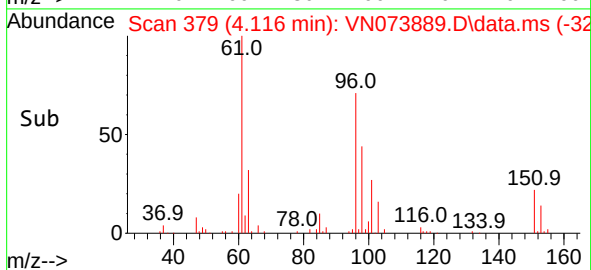
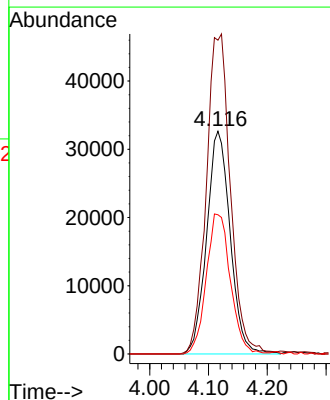
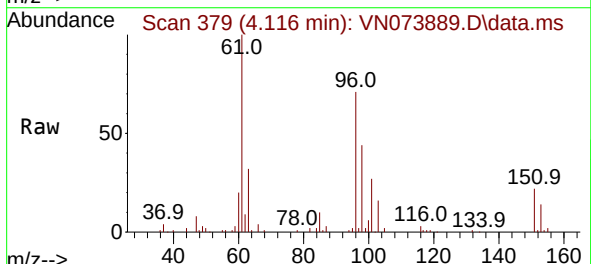
Manual Integrations
APPROVED

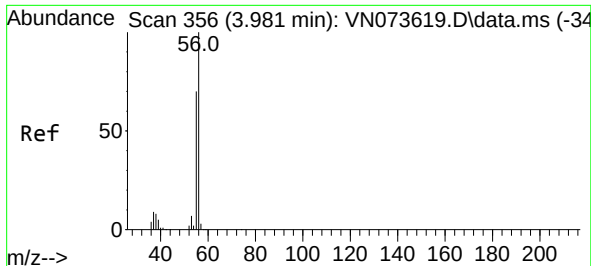
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#12
1,1-Dichloroethene
Concen: 16.605 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

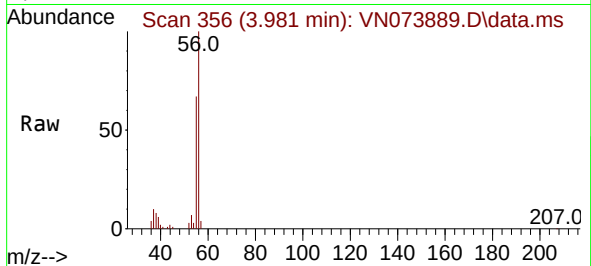
Tgt Ion: 96 Resp: 90799
Ion Ratio Lower Upper
96 100
61 140.9 127.6 191.4
98 62.5 51.2 76.8





#13
Acrolein
Concen: 62.459 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

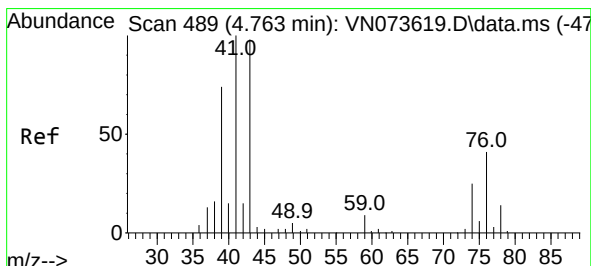
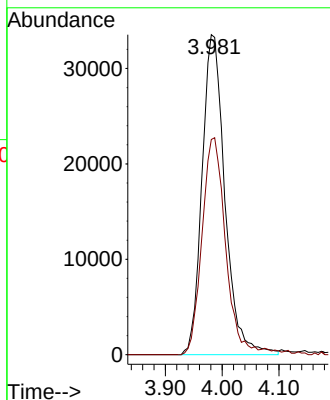
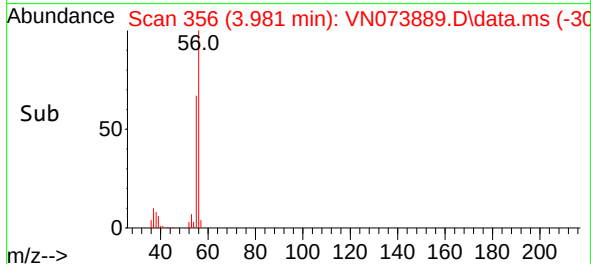
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



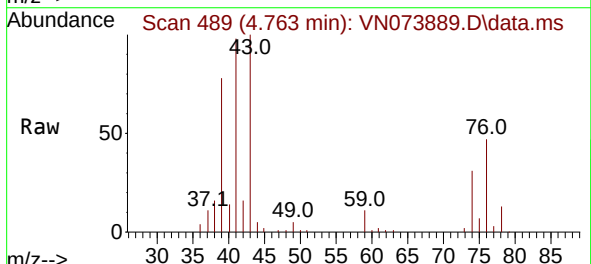
Tgt Ion: 56 Resp: 93790
Ion Ratio Lower Upper
56 100
55 69.2 54.8 82.2

Manual Integrations
APPROVED

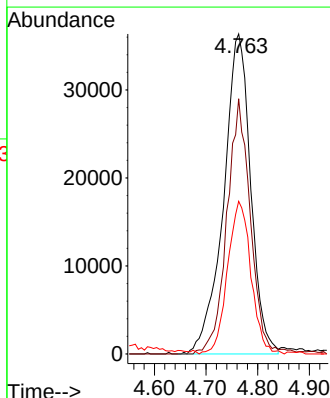
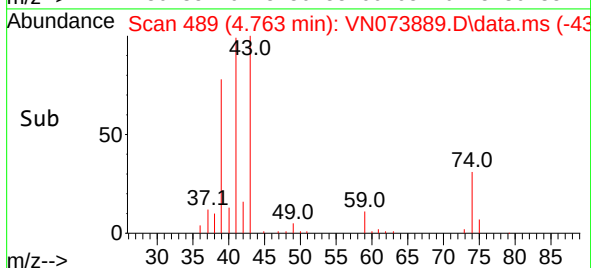
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

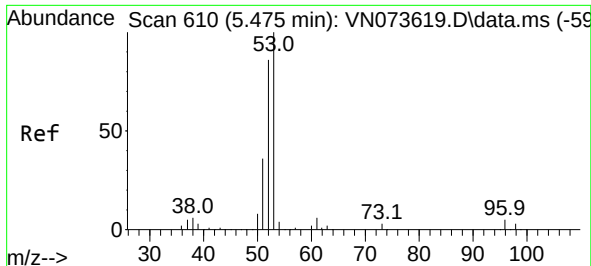


#14
Allyl chloride
Concen: 15.159 ug/l
RT: 4.763 min Scan# 489
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15



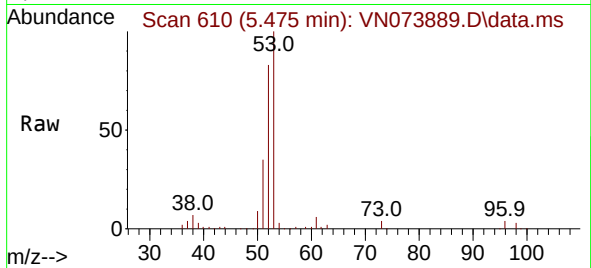
Tgt Ion: 41 Resp: 132523
Ion Ratio Lower Upper
41 100
39 69.1 53.2 79.8
76 41.1 29.9 44.9





#15
Acrylonitrile
Concen: 75.976 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

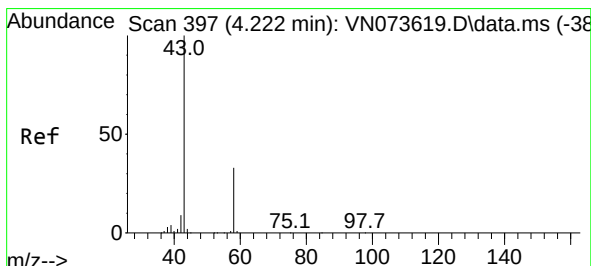
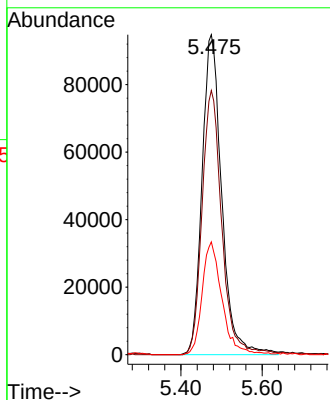
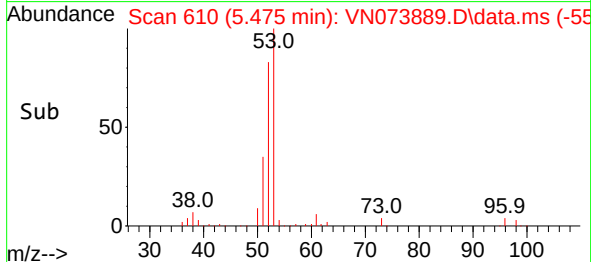
Instrument :
MSVOA_N
Client Sample Id :
VSTDICC020



Tgt Ion: 53 Resp: 318348
Ion Ratio Lower Upper
53 100
52 83.2 66.4 99.6
51 35.5 28.5 42.7

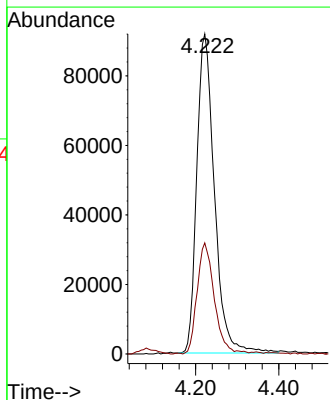
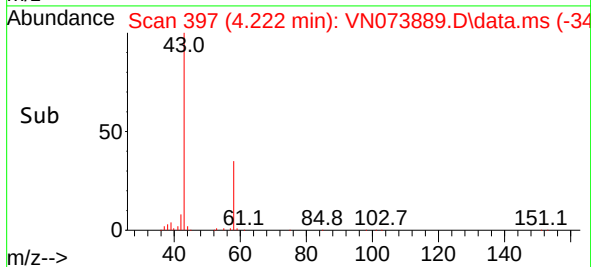
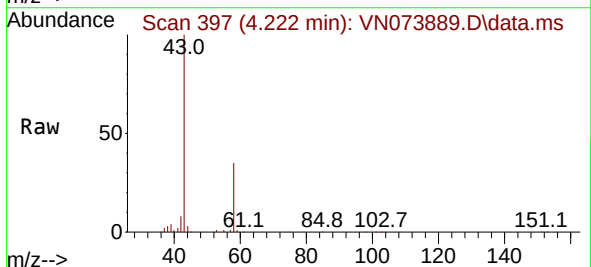
Manual Integrations
APPROVED

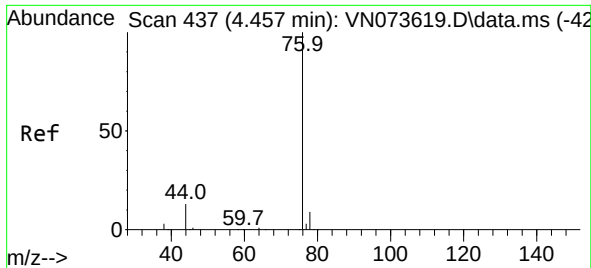
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#16
Acetone
Concen: 71.829 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Tgt Ion: 43 Resp: 270975
Ion Ratio Lower Upper
43 100
58 34.5 26.0 39.0





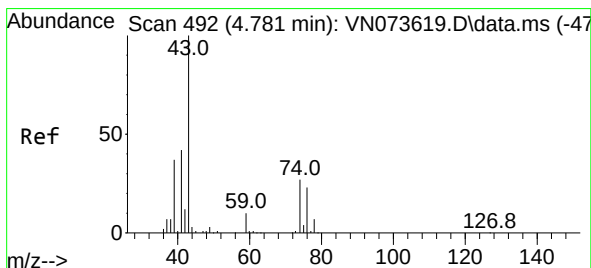
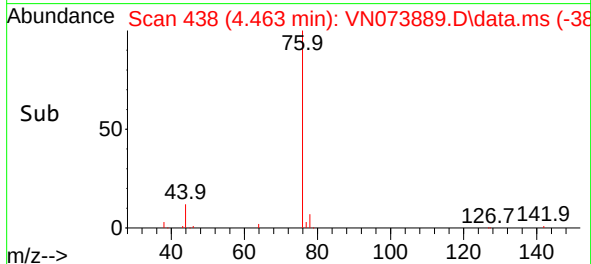
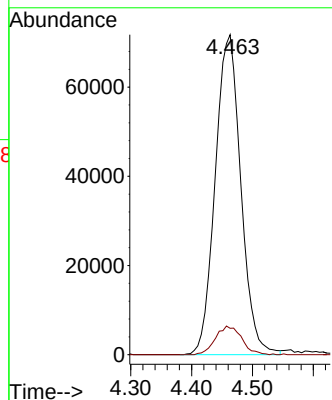
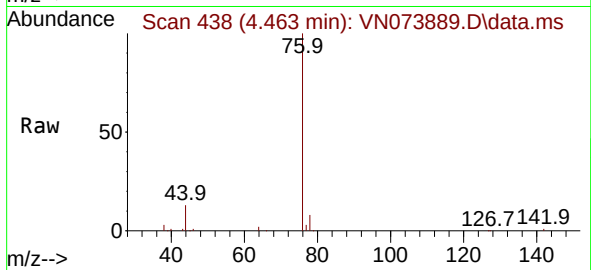
#17
Carbon Disulfide
Concen: 14.472 ug/l
RT: 4.463 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 209820
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8

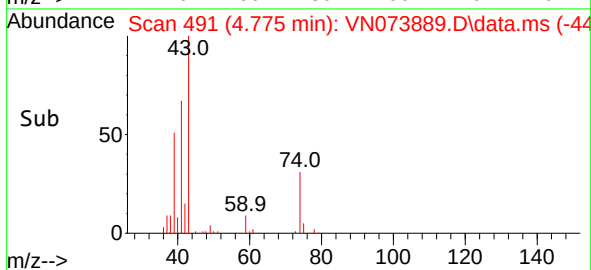
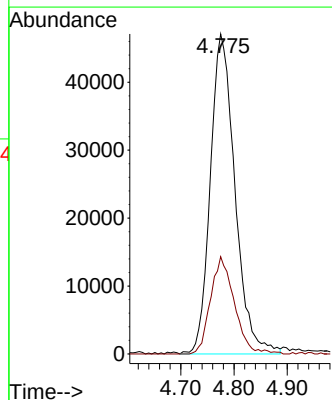
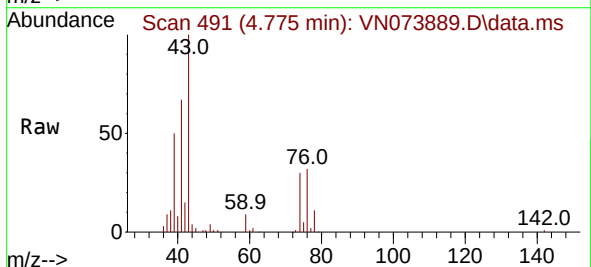
Manual Integrations
APPROVED

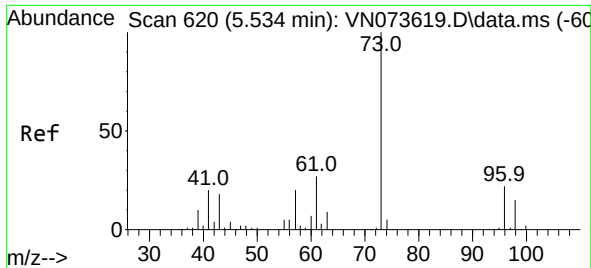
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#18
Methyl Acetate
Concen: 16.136 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Tgt Ion: 43 Resp: 151443
Ion Ratio Lower Upper
43 100
74 29.4 21.6 32.4





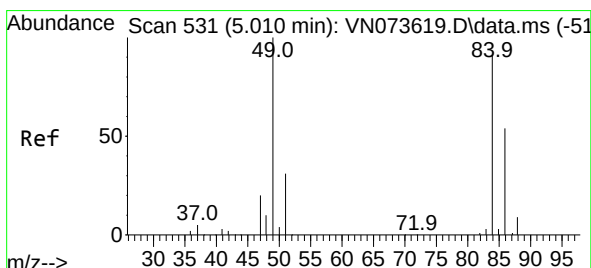
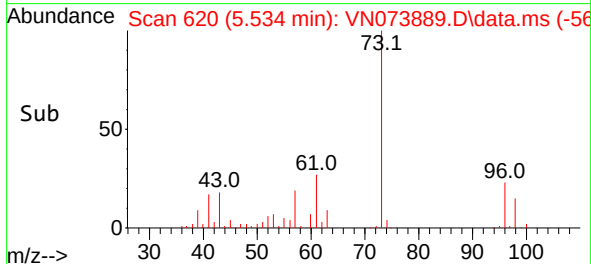
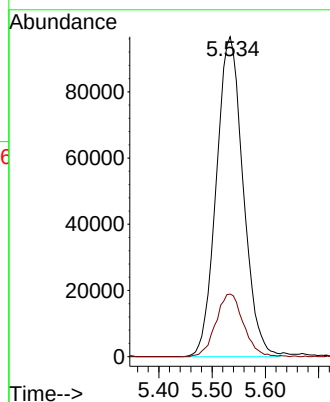
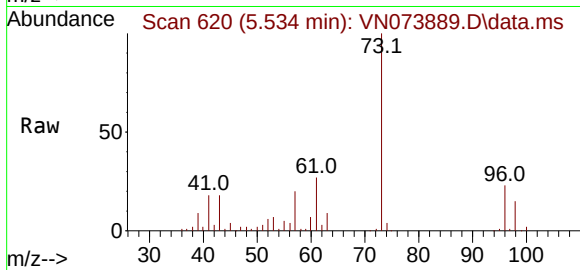
#19
Methyl tert-butyl Ether
Concen: 18.118 ug/l
RT: 5.534 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 33845
Ion Ratio Lower Upper
73 100
57 19.5 17.6 26.4

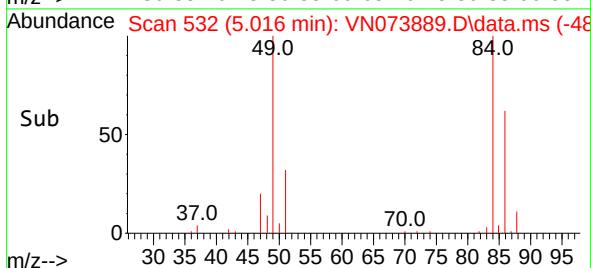
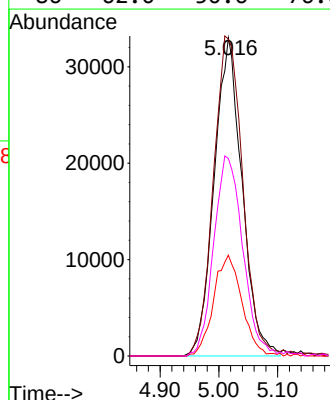
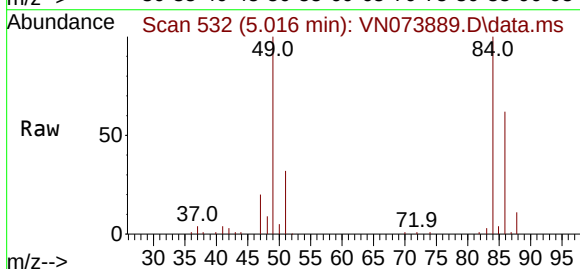
Manual Integrations
APPROVED

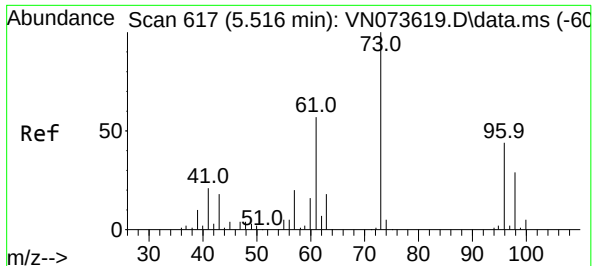
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#20
Methylene Chloride
Concen: 13.650 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

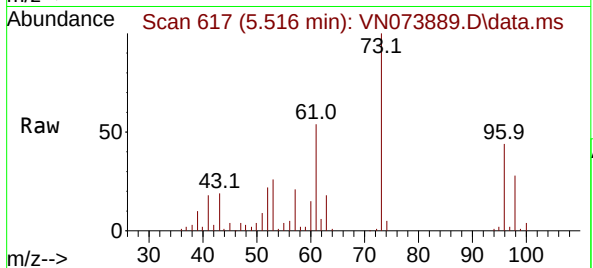
Tgt Ion: 84 Resp: 108673
Ion Ratio Lower Upper
84 100
49 99.5 88.3 132.5
51 31.7 28.2 42.2
86 62.0 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 17.004 ug/l
RT: 5.516 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

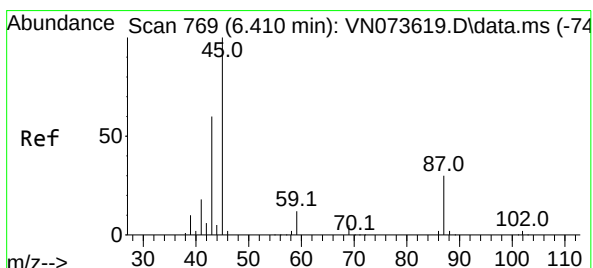
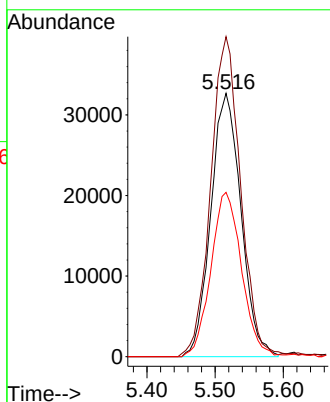
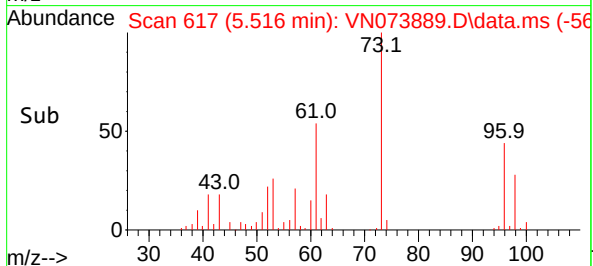
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 100658
Ion Ratio Lower Upper
96 100
61 121.5 105.8 158.8
98 62.4 50.3 75.5

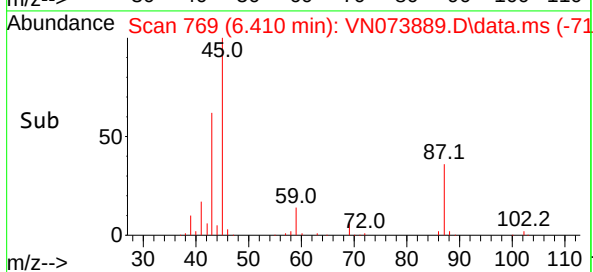
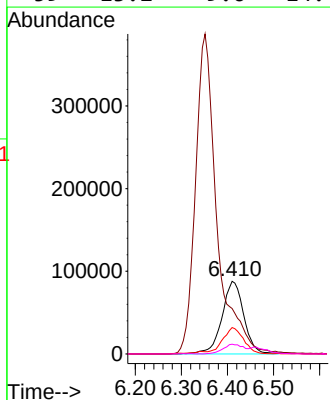
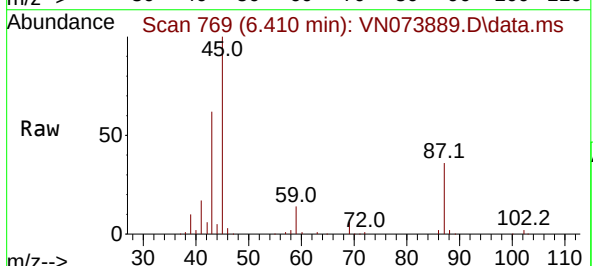
Manual Integrations
APPROVED

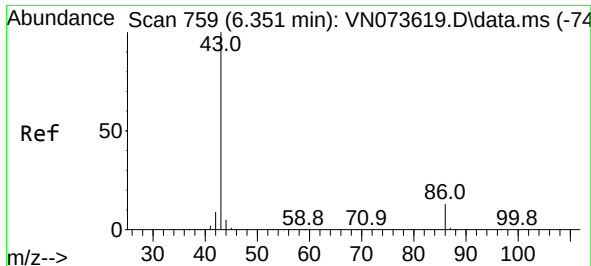
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#22
Diisopropyl ether
Concen: 15.319 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Tgt Ion: 45 Resp: 288928
Ion Ratio Lower Upper
45 100
43 60.0 46.6 70.0
87 35.6 24.3 36.5
59 13.2 9.6 14.4





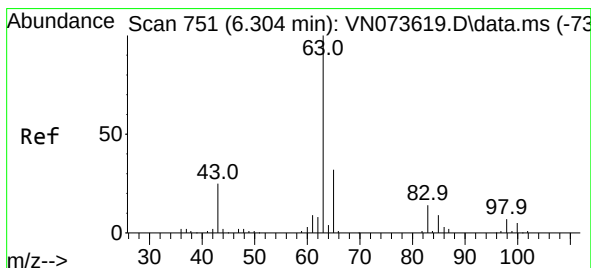
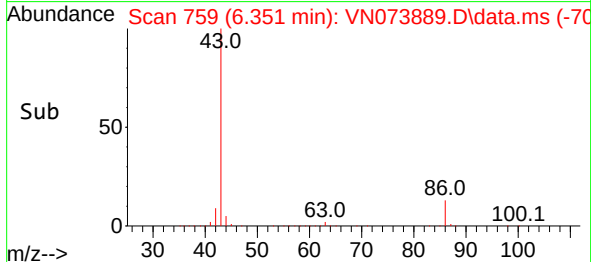
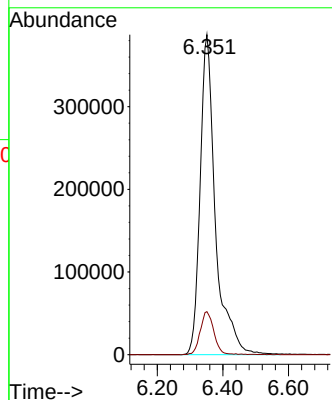
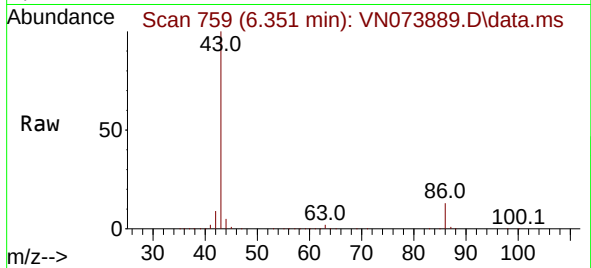
#23
 Vinyl Acetate
 Concen: 79.448 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073889.D
 Acq: 15 Aug 2022 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 1256350
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.0 15.0

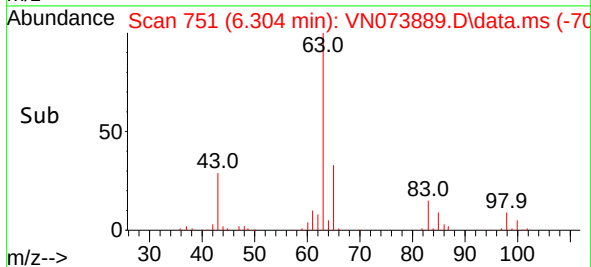
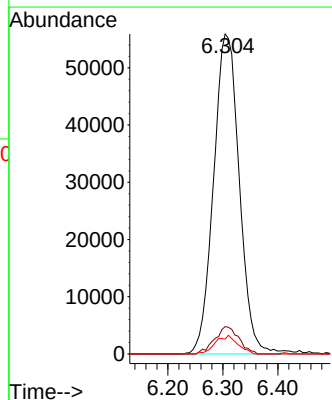
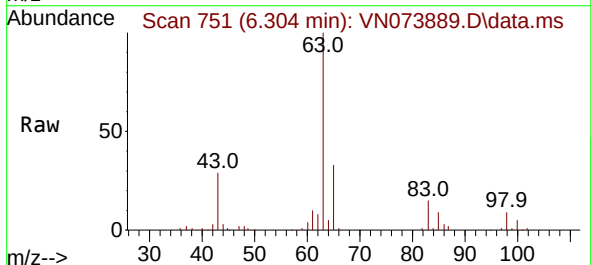
Manual Integrations
 APPROVED

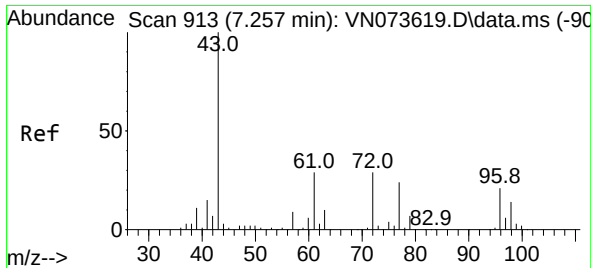
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#24
 1,1-Dichloroethane
 Concen: 15.627 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.000 min
 Lab File: VN073889.D
 Acq: 15 Aug 2022 11:15

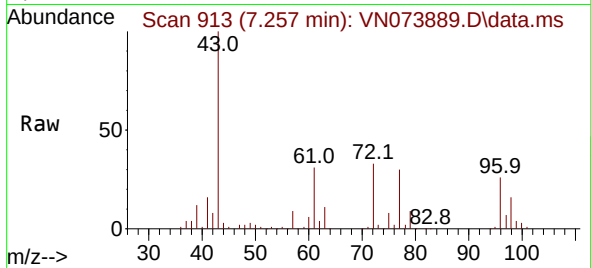
Tgt Ion: 63 Resp: 181332
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.5 10.4
 100 4.6 2.3 6.8





#25
2-Butanone
Concen: 74.118 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

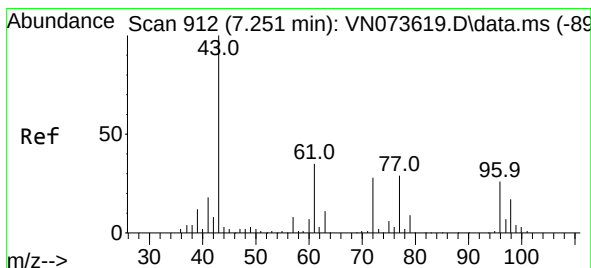
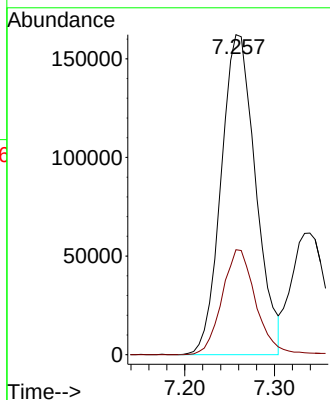
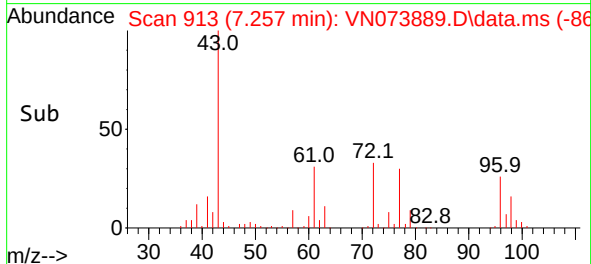
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



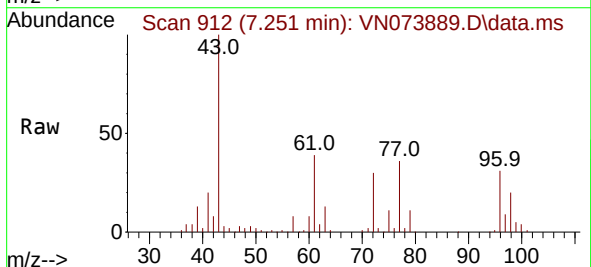
Tgt Ion: 43 Resp: 43422
Ion Ratio Lower Upper
43 100
72 32.8 23.7 35.5

Manual Integrations
APPROVED

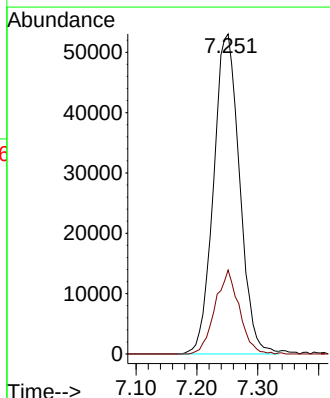
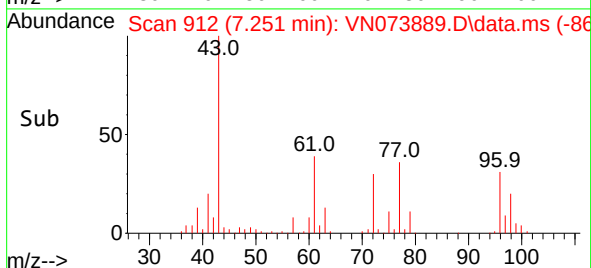
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

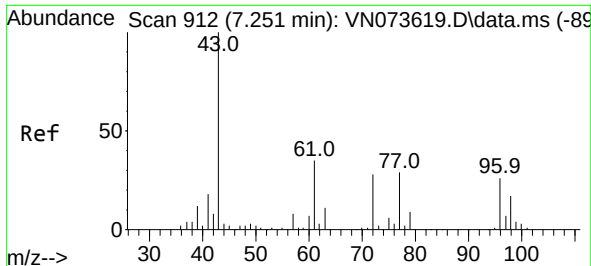


#26
2,2-Dichloropropane
Concen: 17.636 ug/l
RT: 7.251 min Scan# 912
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15



Tgt Ion: 77 Resp: 157440
Ion Ratio Lower Upper
77 100
97 24.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 17.184 ug/l

RT: 7.251 min Scan# 912

Delta R.T. -0.000 min

Lab File: VN073889.D

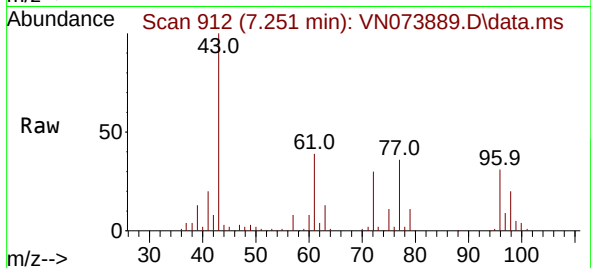
Acq: 15 Aug 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020



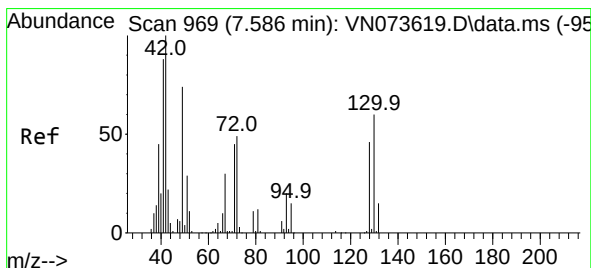
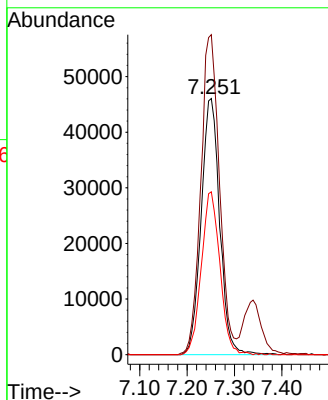
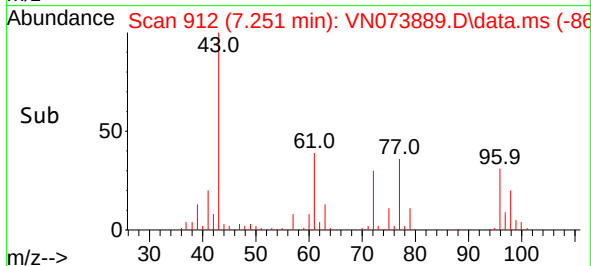
Tgt Ion:	96	Resp:	12532
Ion Ratio	Lower	Upper	
96	100		
61	125.9	0.0	280.6
98	63.7	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#28

Bromochloromethane

Concen: 11.887 ug/l

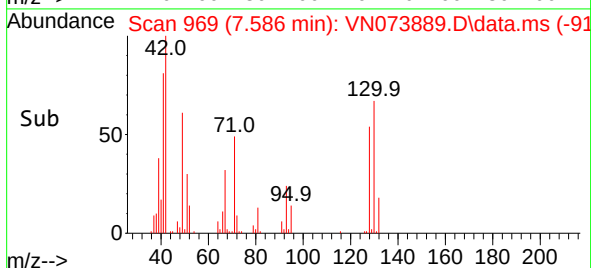
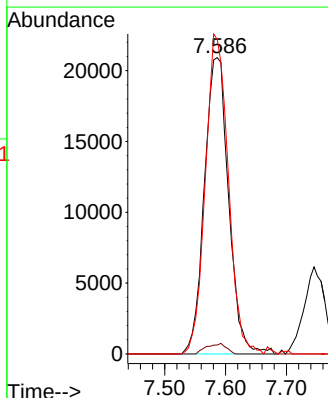
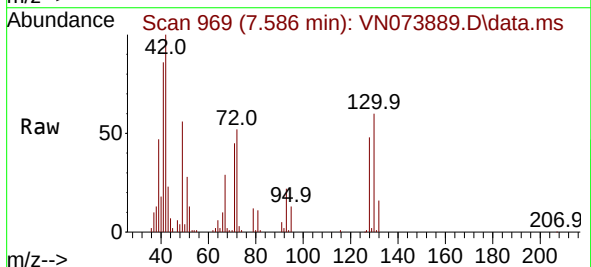
RT: 7.586 min Scan# 969

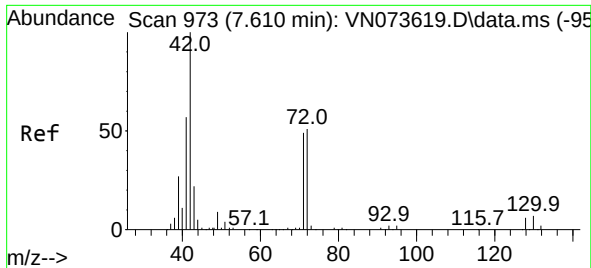
Delta R.T. -0.000 min

Lab File: VN073889.D

Acq: 15 Aug 2022 11:15

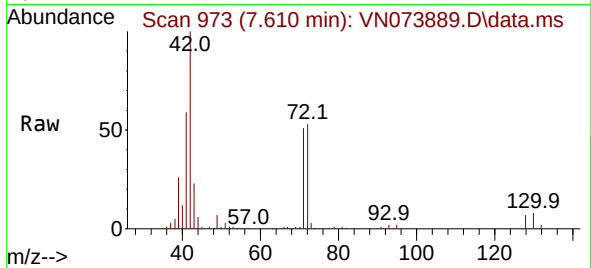
Tgt Ion:	49	Resp:	57913
Ion Ratio	Lower	Upper	
49	100		
129	2.9	0.0	4.6
130	102.0	69.7	104.5





#29
Tetrahydrofuran
Concen: 75.238 ug/l
RT: 7.610 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

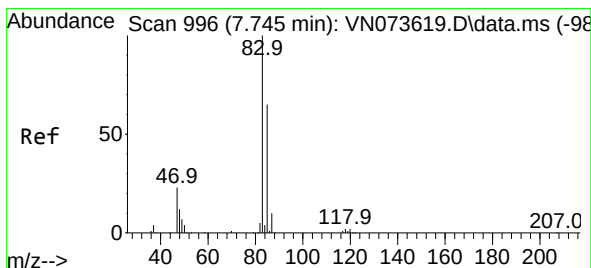
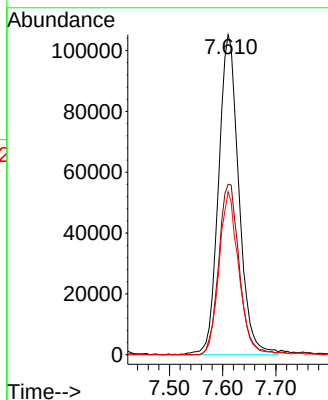
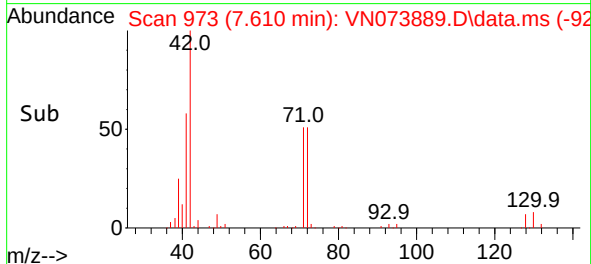
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



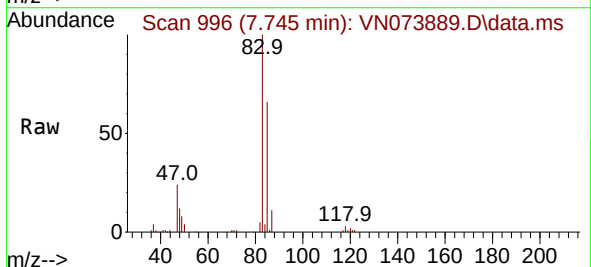
Tgt Ion: 42 Resp: 27868
Ion Ratio Lower Upper
42 100
72 53.9 39.7 59.5
71 49.6 36.6 55.0

Manual Integrations
APPROVED

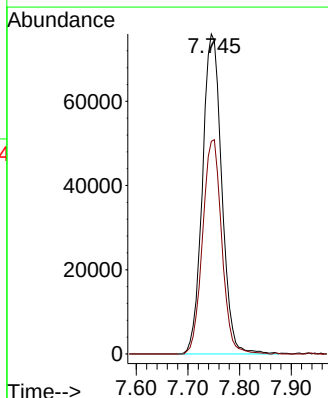
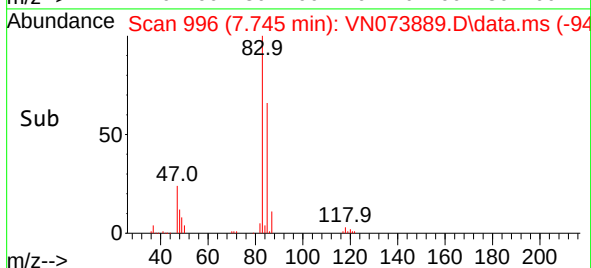
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

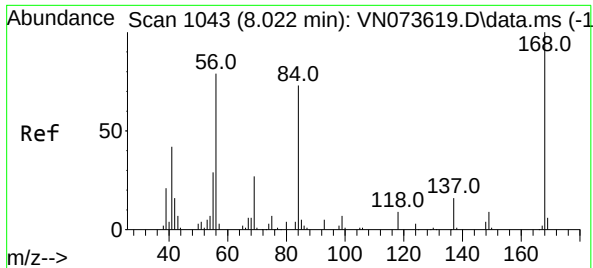


#30
Chloroform
Concen: 16.310 ug/l
RT: 7.745 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15



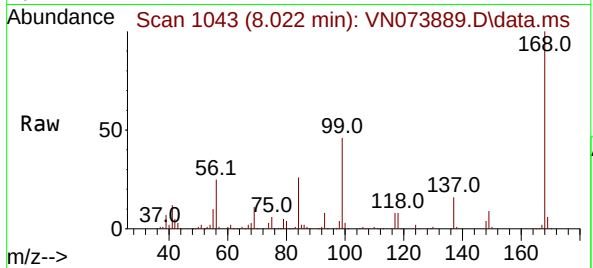
Tgt Ion: 83 Resp: 197179
Ion Ratio Lower Upper
83 100
85 66.5 51.8 77.8





#31
Cyclohexane
Concen: 14.598 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

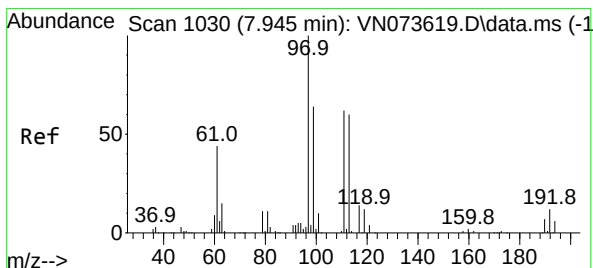
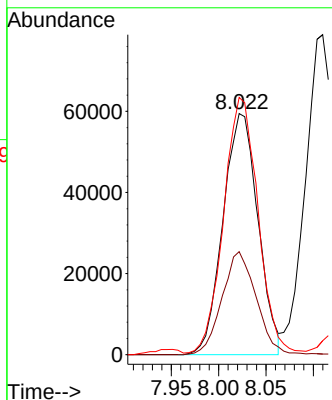
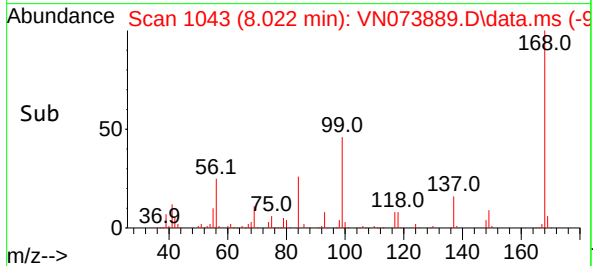
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



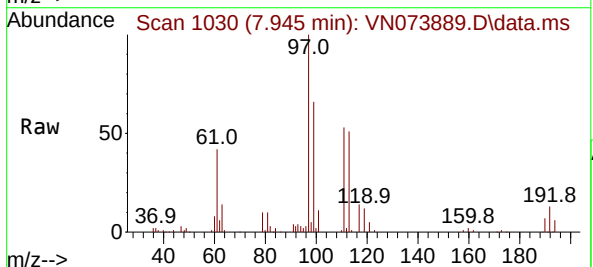
Tgt Ion: 56 Resp: 152644
Ion Ratio Lower Upper
56 100
69 42.5 27.8 41.8
84 104.9 76.9 115.3

Manual Integrations
APPROVED

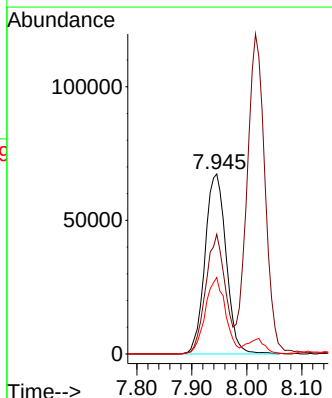
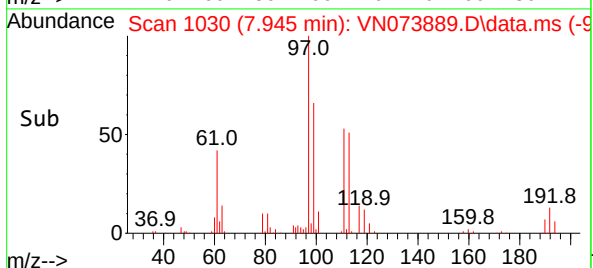
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

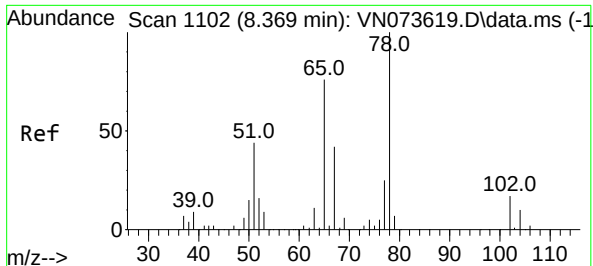


#32
1,1,1-Trichloroethane
Concen: 17.895 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15



Tgt Ion: 97 Resp: 179637
Ion Ratio Lower Upper
97 100
99 61.3 50.6 76.0
61 40.9 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 15.362 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073889.D

Acq: 15 Aug 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 107899

Ion Ratio Lower Upper

65 100

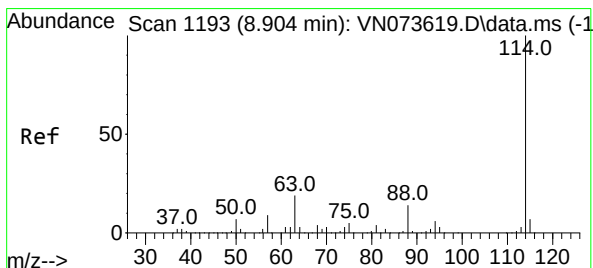
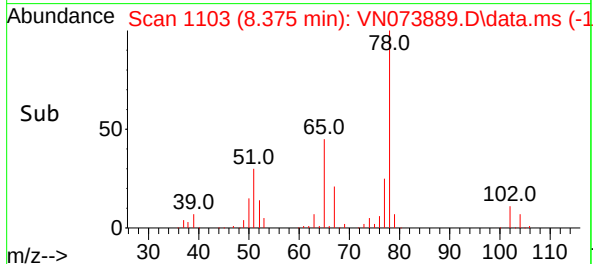
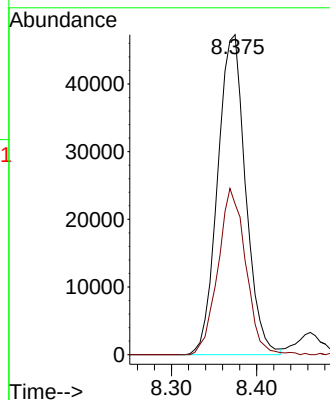
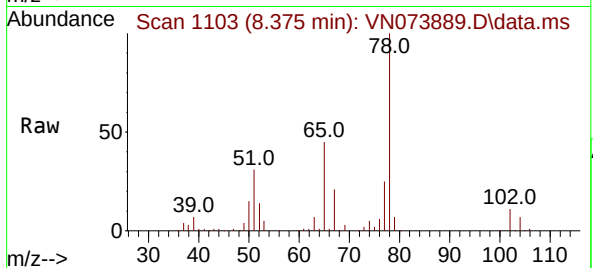
67 51.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073889.D

Acq: 15 Aug 2022 11:15

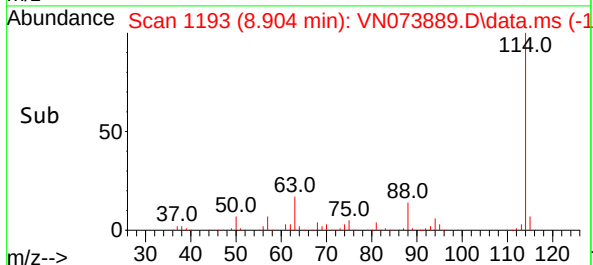
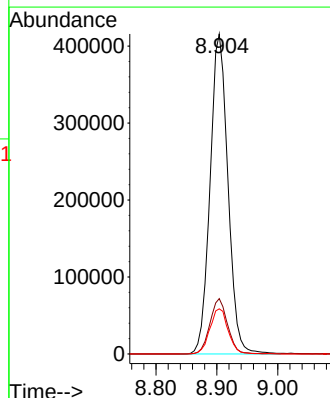
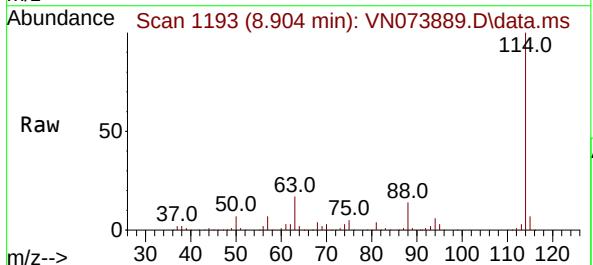
Tgt Ion:114 Resp: 846055

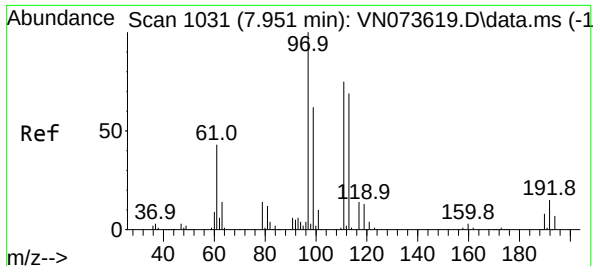
Ion Ratio Lower Upper

114 100

63 17.3 0.0 40.0

88 14.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 17.889 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073889.D

Acq: 15 Aug 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

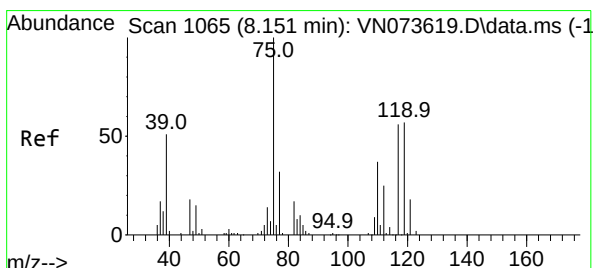
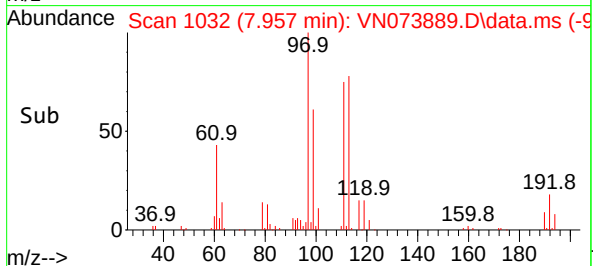
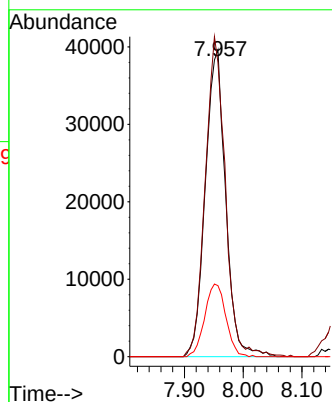
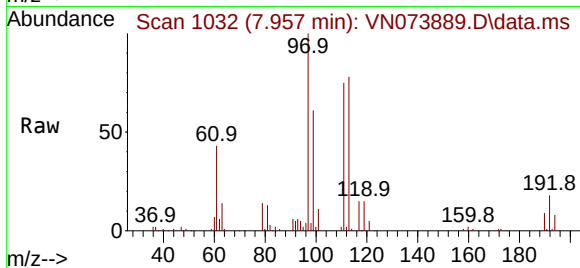
Tgt Ion:	113	Resp:	95039
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.4	122.0
192	24.6	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#36

1,1-Dichloropropene

Concen: 17.362 ug/l

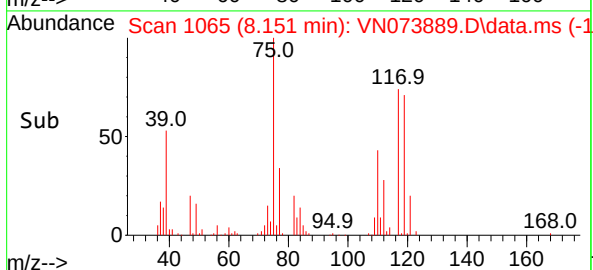
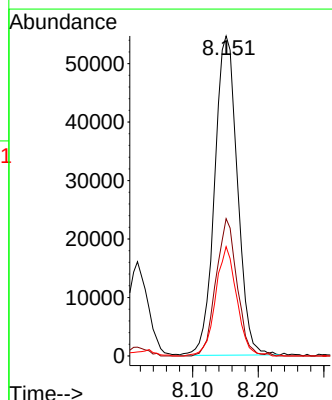
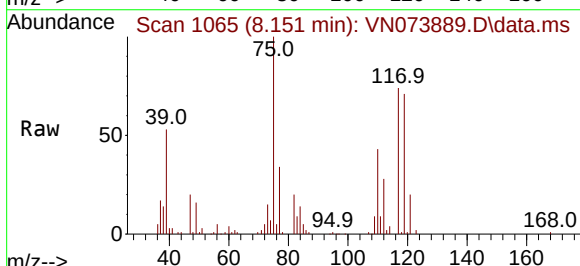
RT: 8.151 min Scan# 1065

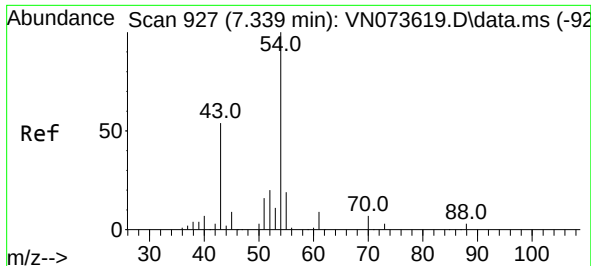
Delta R.T. -0.000 min

Lab File: VN073889.D

Acq: 15 Aug 2022 11:15

Tgt Ion:	75	Resp:	131460
Ion Ratio	Lower	Upper	
75	100		
110	39.7	18.3	54.8
77	32.0	25.1	37.7





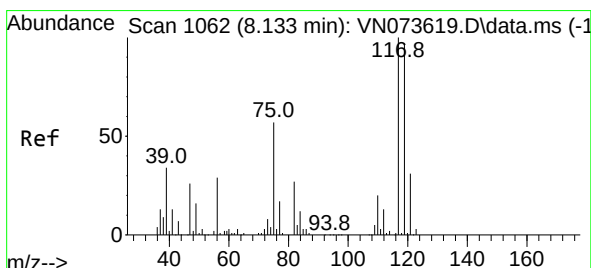
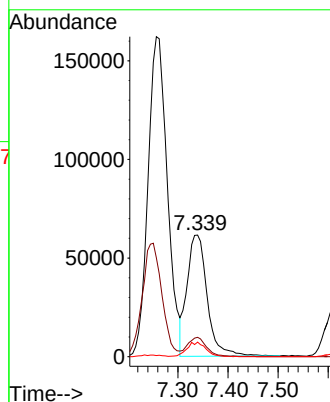
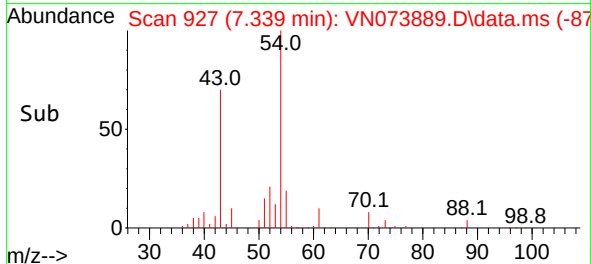
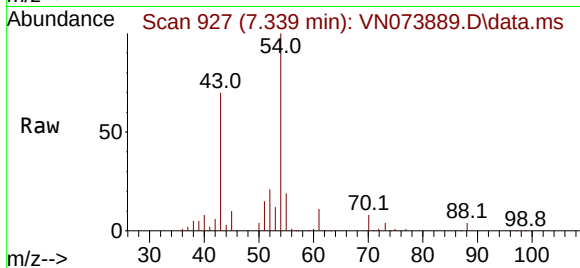
#37
Ethyl Acetate
Concen: 17.265 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 17216
Ion Ratio Lower Upper
43 100
61 14.4 11.8 17.6
70 11.2 9.3 13.9

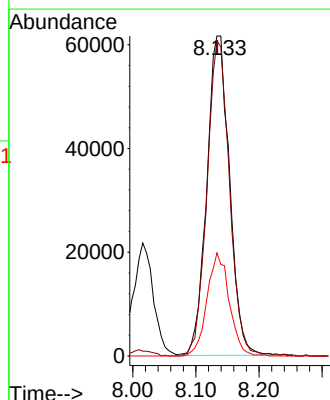
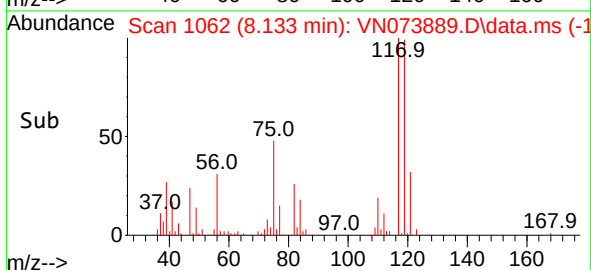
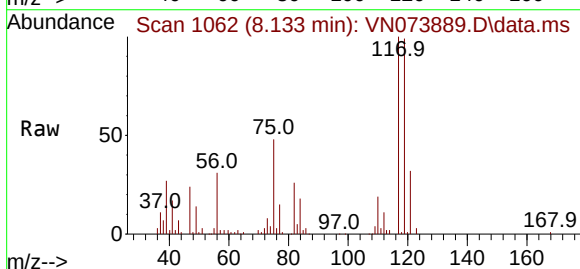
Manual Integrations
APPROVED

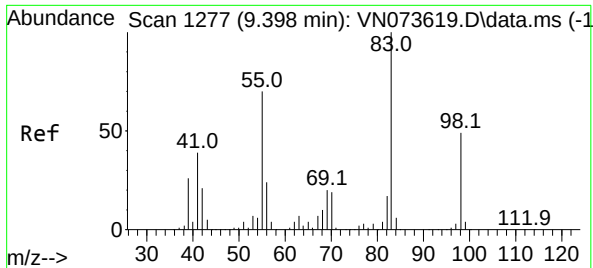
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#38
Carbon Tetrachloride
Concen: 20.066 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Tgt Ion:117 Resp: 154316
Ion Ratio Lower Upper
117 100
119 98.8 75.8 113.8
121 32.3 24.6 37.0





#39
Methylcyclohexane
Concen: 18.793 ug/l
RT: 9.392 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

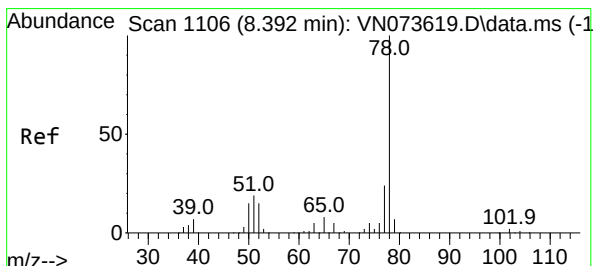
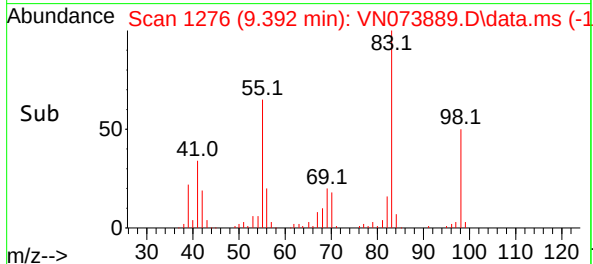
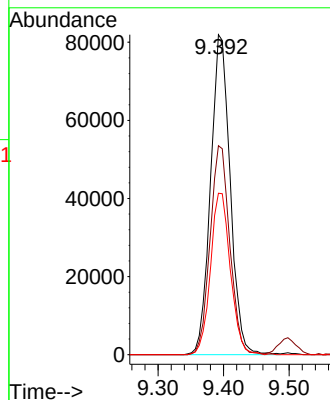
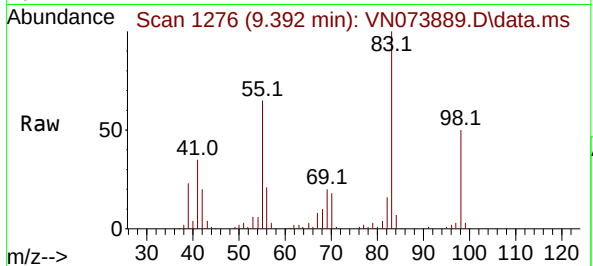
VSTDICC020

Tgt Ion: 83 Resp: 170040
Ion Ratio Lower Upper
83 100
55 65.3 57.8 86.8
98 50.4 39.4 59.2

Manual Integrations

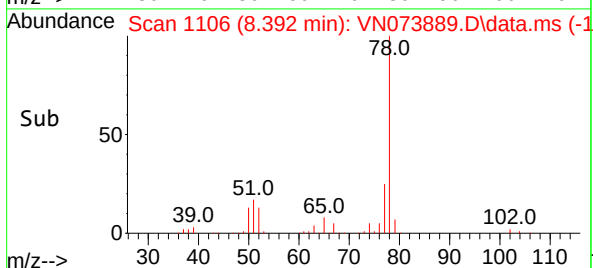
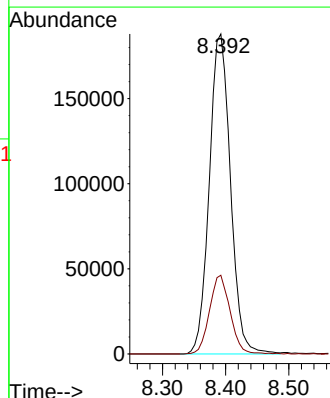
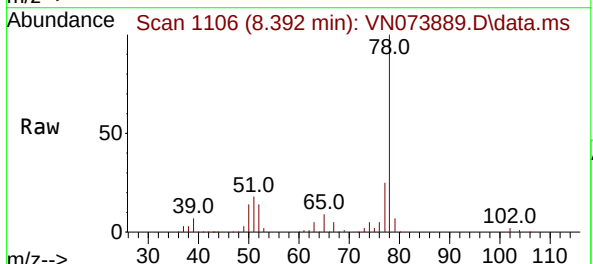
APPROVED

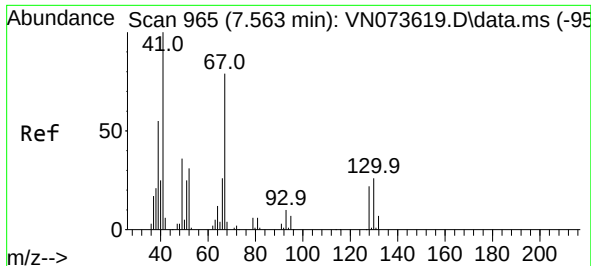
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#40
Benzene
Concen: 17.794 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

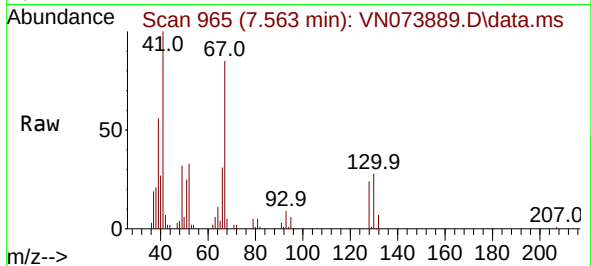
Tgt Ion: 78 Resp: 437519
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0





#41
Methacrylonitrile
Concen: 15.094 ug/l
RT: 7.563 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

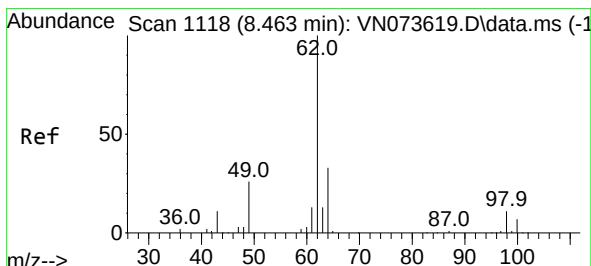
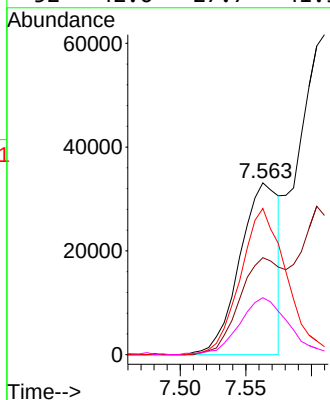
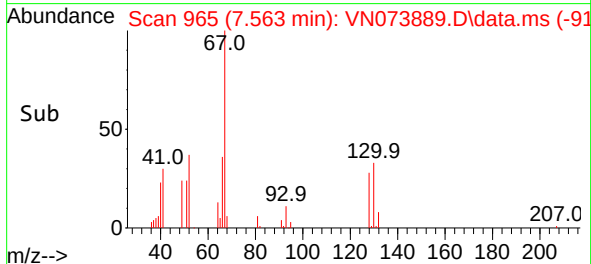
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 68109
Ion Ratio Lower Upper
41 100
39 65.1 48.6 73.0
67 102.2 73.4 110.2
52 42.6 27.7 41.5#

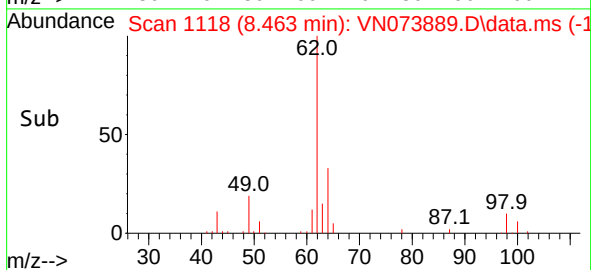
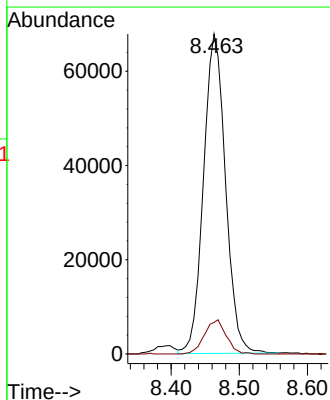
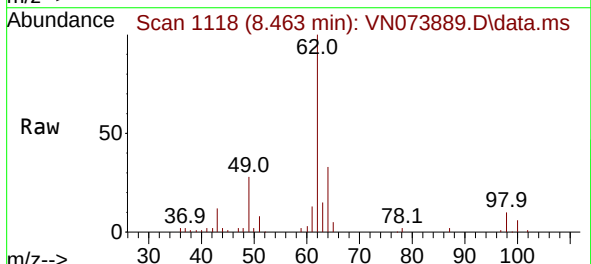
Manual Integrations
APPROVED

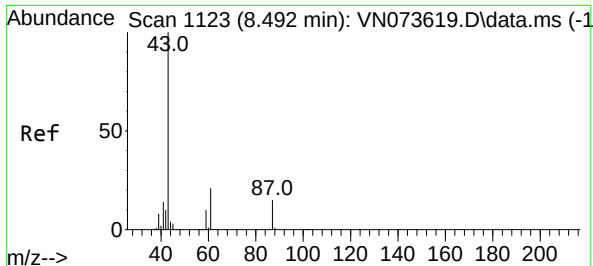
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#42
1,2-Dichloroethane
Concen: 18.391 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

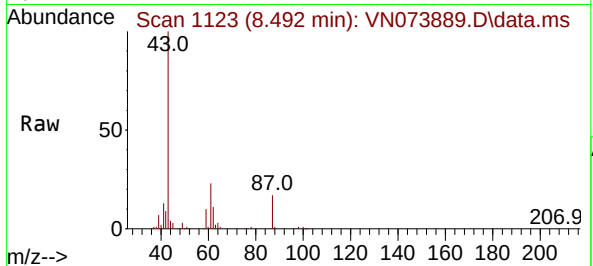
Tgt Ion: 62 Resp: 152400
Ion Ratio Lower Upper
62 100
98 10.6 0.0 19.4





#43
Isopropyl Acetate
Concen: 17.734 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

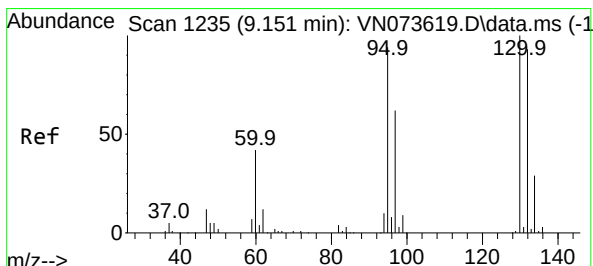
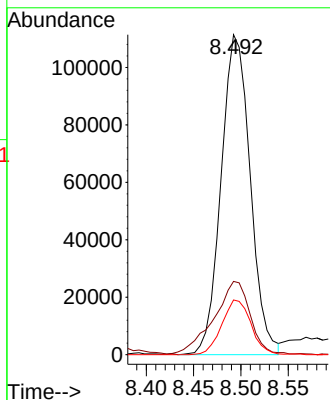
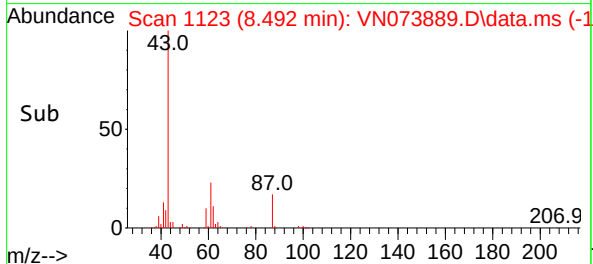
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 238850
Ion Ratio Lower Upper
43 100
61 28.0 21.9 32.9
87 17.2 12.0 18.0

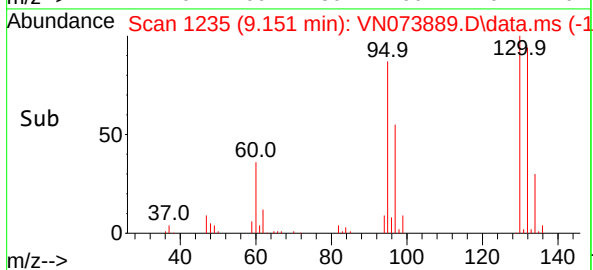
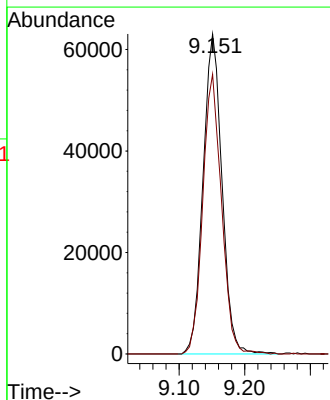
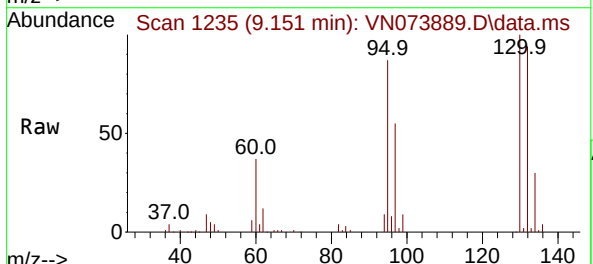
Manual Integrations
APPROVED

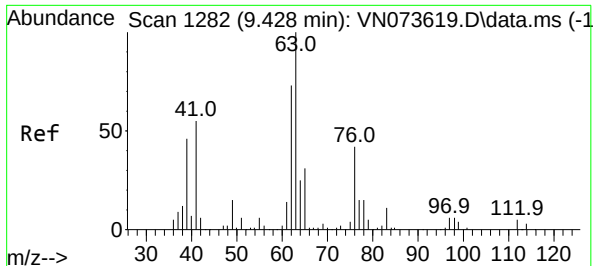
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#44
Trichloroethene
Concen: 20.342 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Tgt Ion:130 Resp: 126838
Ion Ratio Lower Upper
130 100
95 87.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 17.191 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN073889.D

Acq: 15 Aug 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 10565

Ion Ratio Lower Upper

63 100

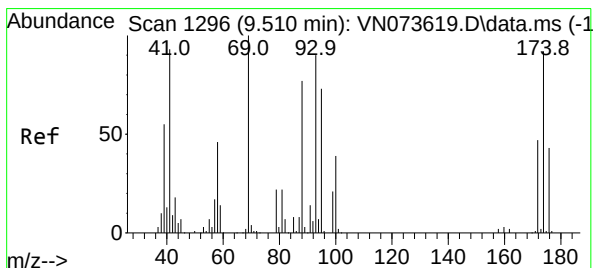
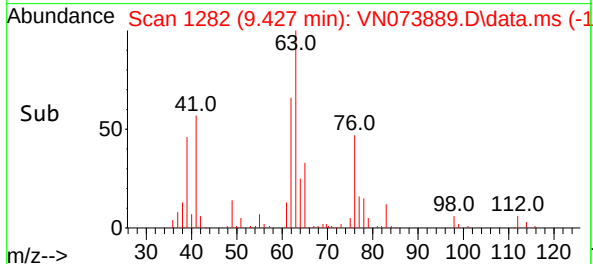
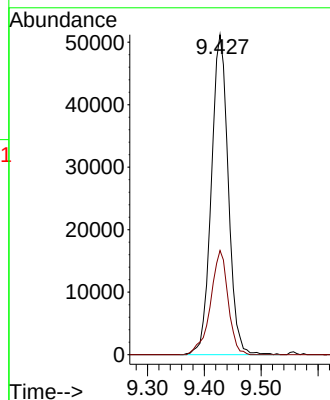
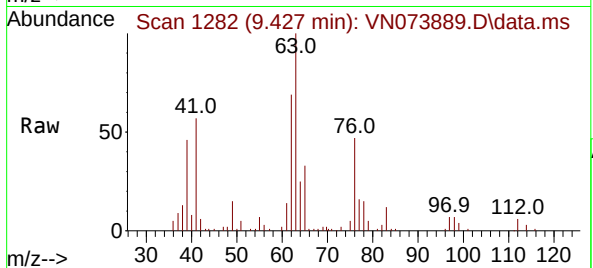
65 32.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#46

Dibromomethane

Concen: 18.648 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073889.D

Acq: 15 Aug 2022 11:15

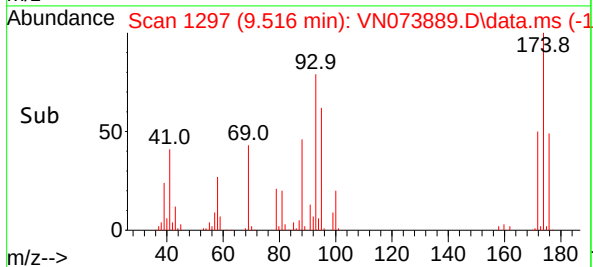
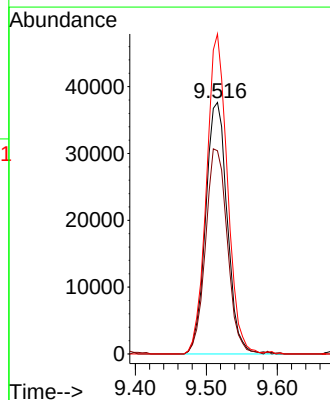
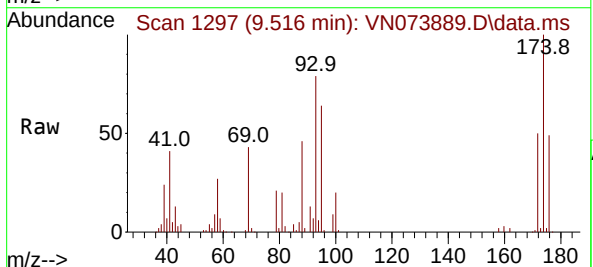
Tgt Ion: 93 Resp: 79545

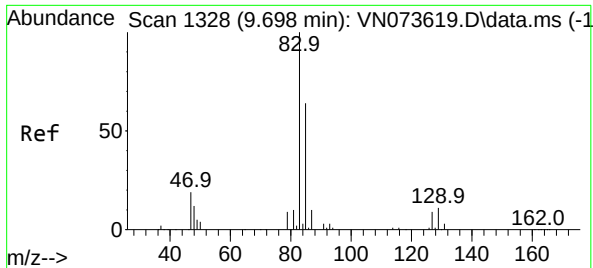
Ion Ratio Lower Upper

93 100

95 82.3 66.9 100.3

174 123.1 86.6 130.0





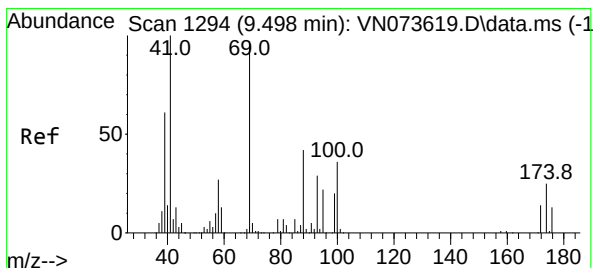
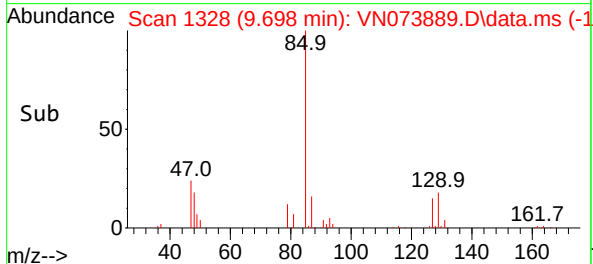
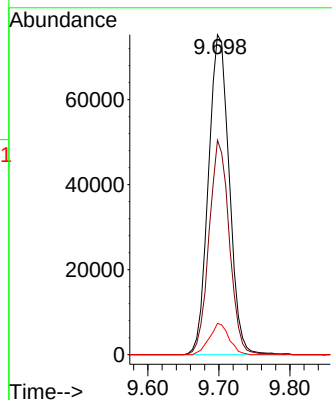
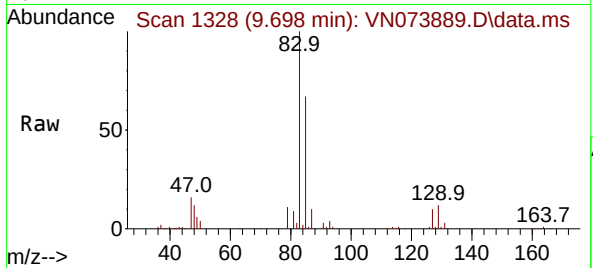
#47
Bromodichloromethane
Concen: 18.715 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 153215
Ion Ratio Lower Upper
83 100
85 67.0 50.5 75.7
127 9.8 6.8 10.2

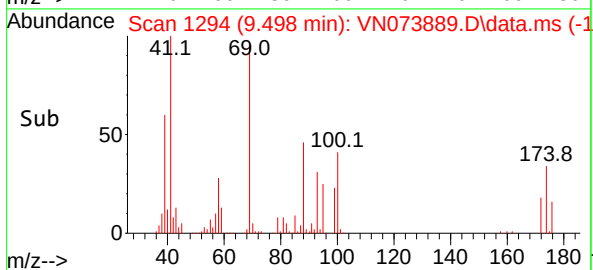
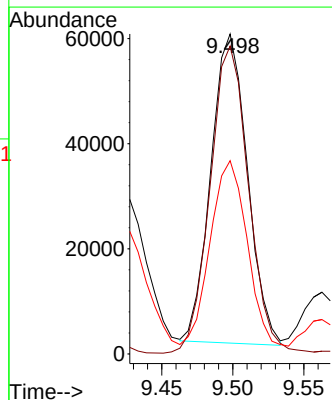
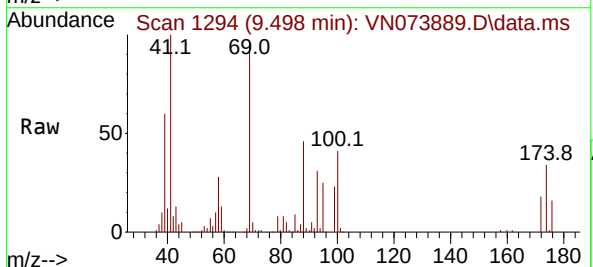
Manual Integrations
APPROVED

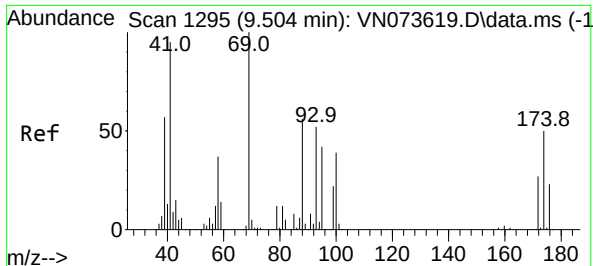
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#48
Methyl methacrylate
Concen: 17.808 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Tgt Ion: 41 Resp: 104989
Ion Ratio Lower Upper
41 100
69 104.8 74.7 112.1
39 61.2 45.6 68.4





#49

1,4-Dioxane

Concen: 386.661 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073889.D

Acq: 15 Aug 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 64260

Ion Ratio Lower Upper

88 100

43 24.0 20.2 30.4

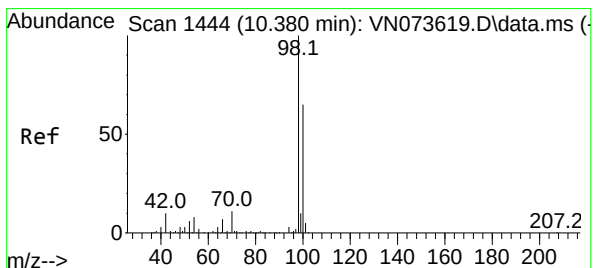
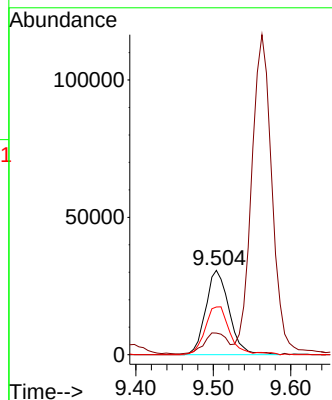
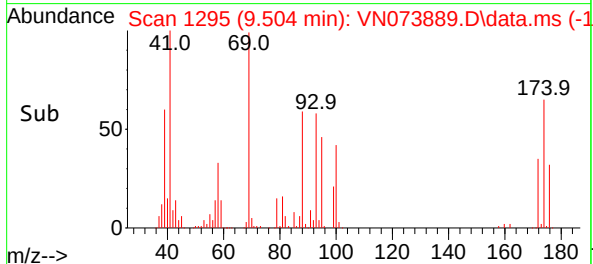
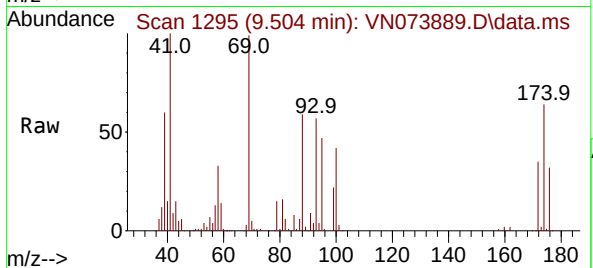
58 58.2 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#50

Toluene-d8

Concen: 17.495 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN073889.D

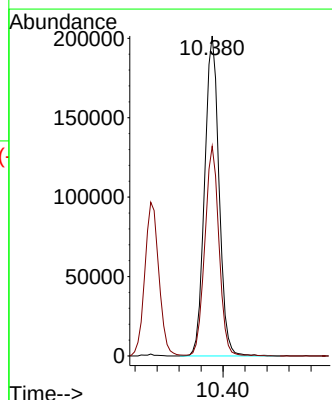
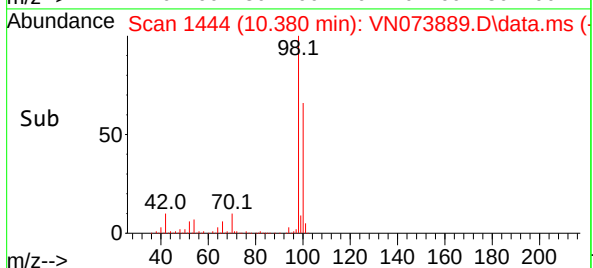
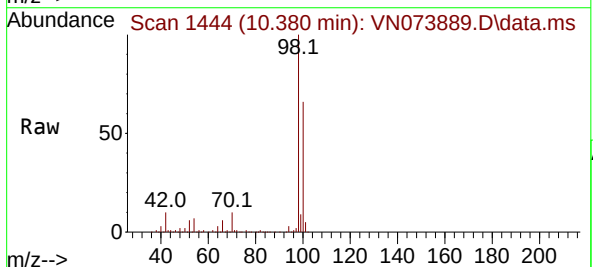
Acq: 15 Aug 2022 11:15

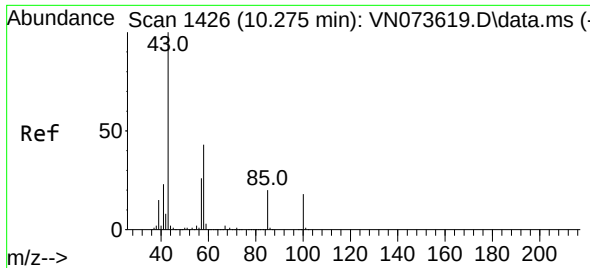
Tgt Ion: 98 Resp: 365754

Ion Ratio Lower Upper

98 100

100 64.5 52.6 78.8





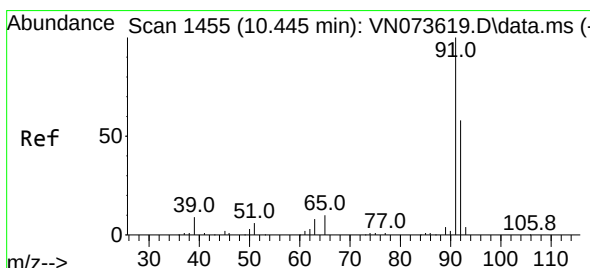
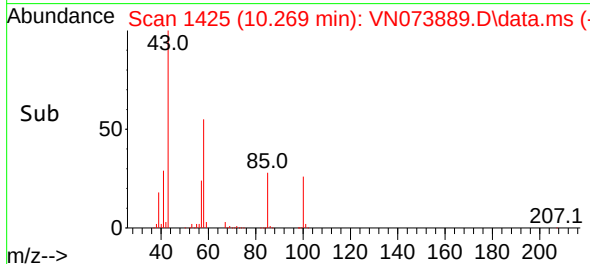
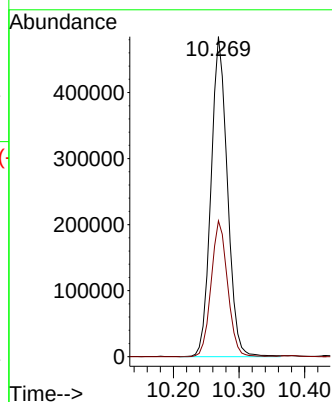
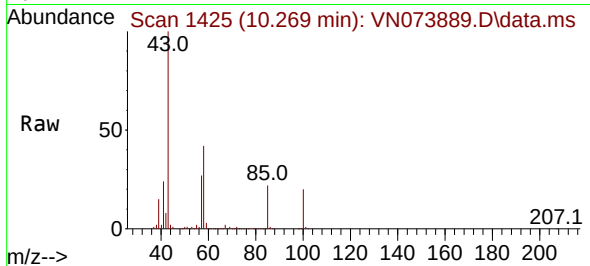
#51
4-Methyl-2-Pentanone
Concen: 87.391 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 844228
Ion Ratio Lower Upper
43 100
58 42.5 34.1 51.1

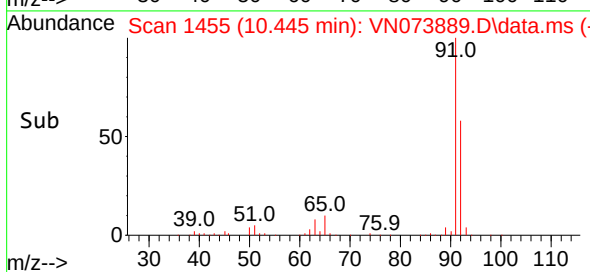
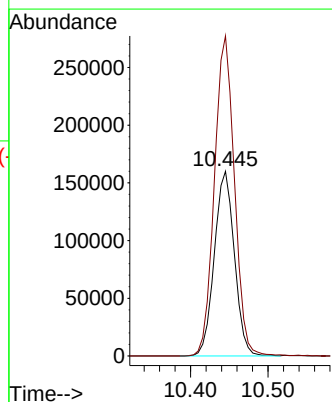
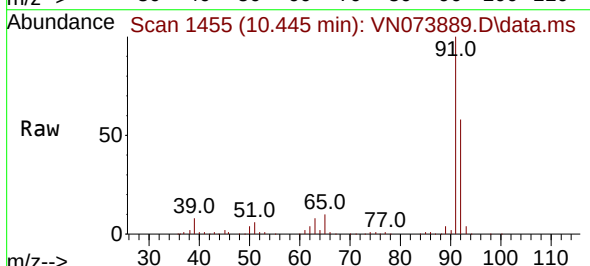
Manual Integrations
APPROVED

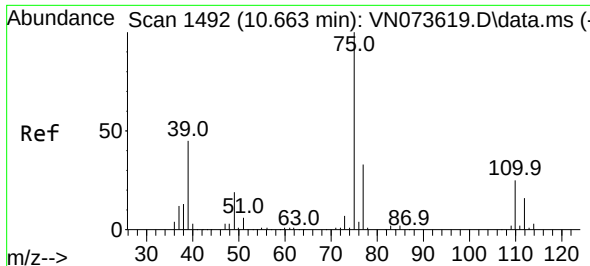
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#52
Toluene
Concen: 19.216 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

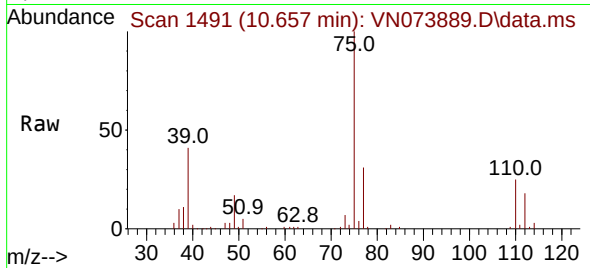
Tgt Ion: 92 Resp: 288595
Ion Ratio Lower Upper
92 100
91 173.0 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 20.215 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

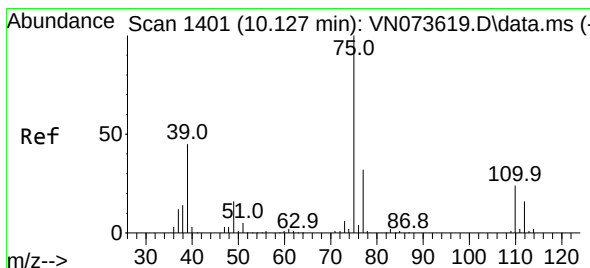
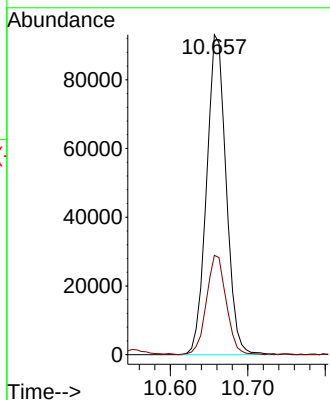
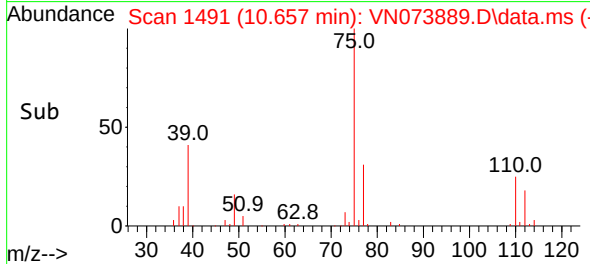
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 16349
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

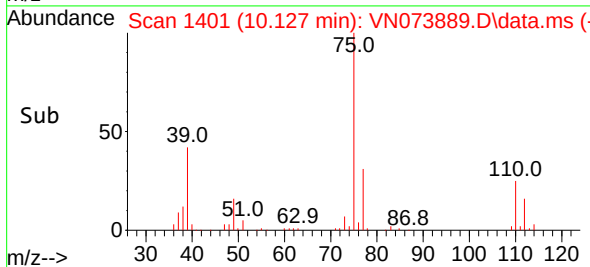
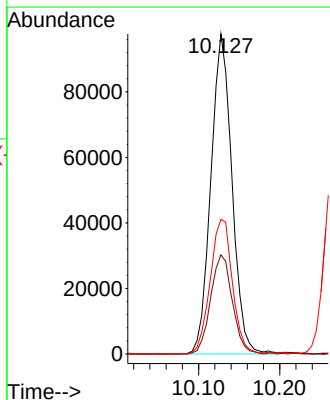
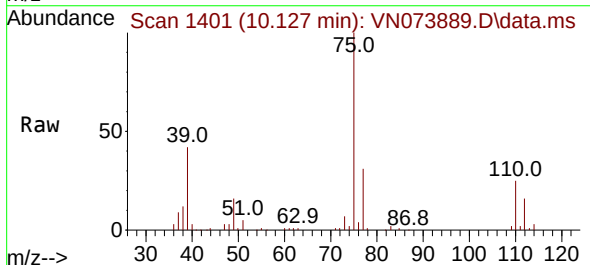
Manual Integrations
APPROVED

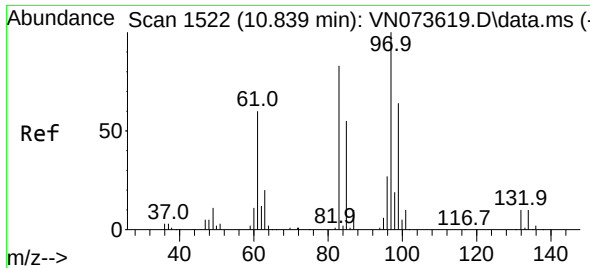
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#54
cis-1,3-Dichloropropene
Concen: 19.352 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

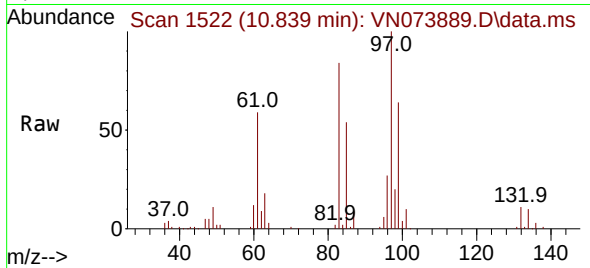
Tgt Ion: 75 Resp: 176369
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
39 42.1 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 18.849 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

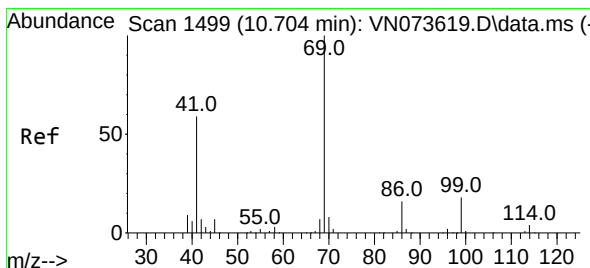
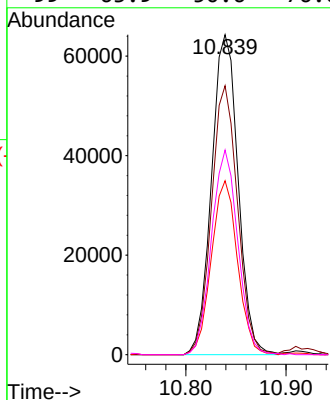
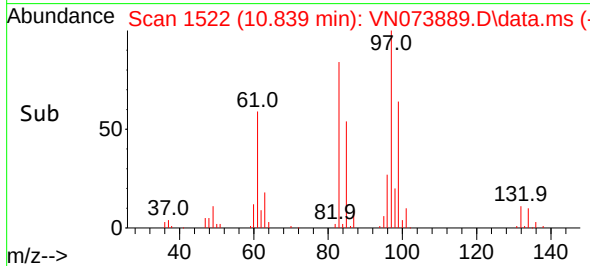
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



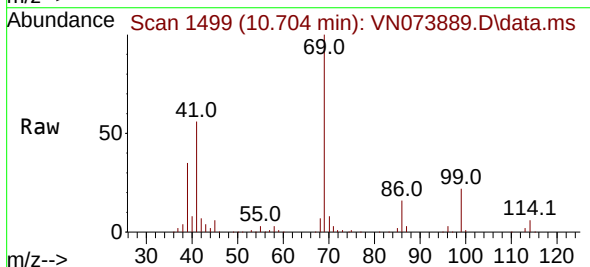
Tgt Ion: 97 Resp: 118048
Ion Ratio Lower Upper
97 100
83 84.1 66.2 99.4
85 54.4 43.9 65.9
99 63.9 50.6 76.0

Manual Integrations
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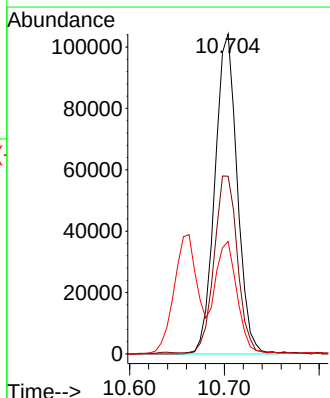
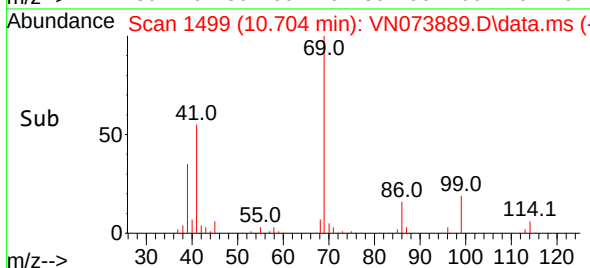
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

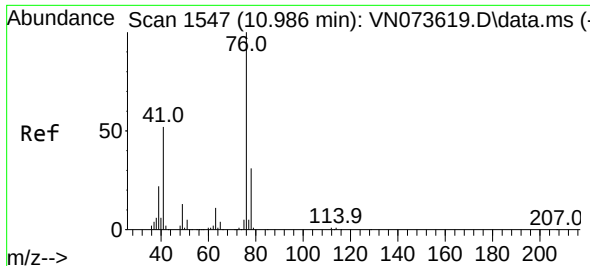


#56
Ethyl methacrylate
Concen: 19.796 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15



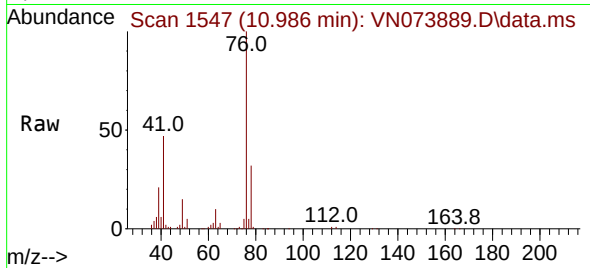
Tgt Ion: 69 Resp: 170875
Ion Ratio Lower Upper
69 100
41 57.5 47.8 71.6
39 34.4 27.3 40.9





#57
1,3-Dichloropropane
Concen: 17.722 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

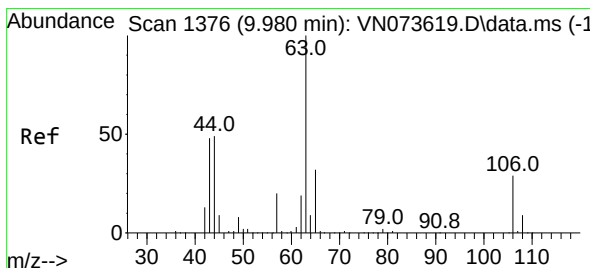
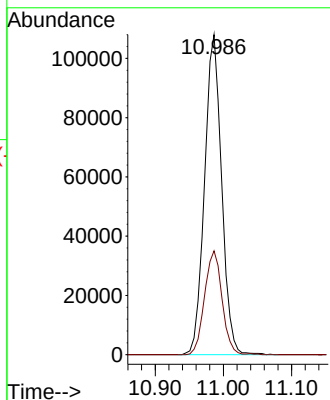
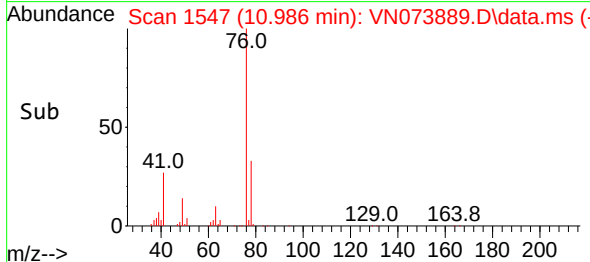
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 18830
Ion Ratio Lower Upper
76 100
78 33.1 26.2 39.2

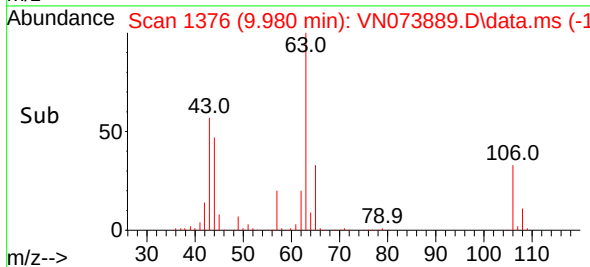
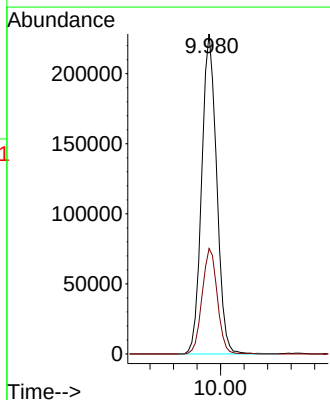
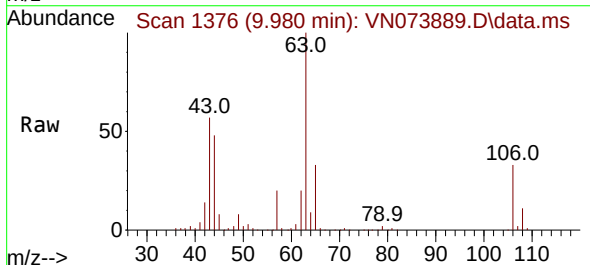
Manual Integrations
APPROVED

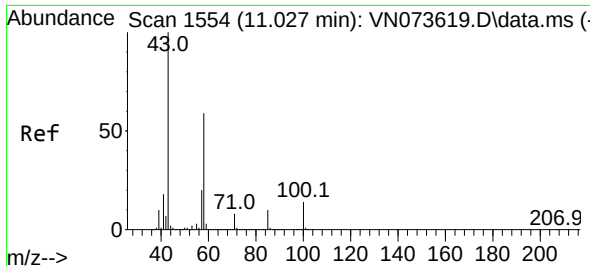
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#58
2-Chloroethyl Vinyl ether
Concen: 103.875 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

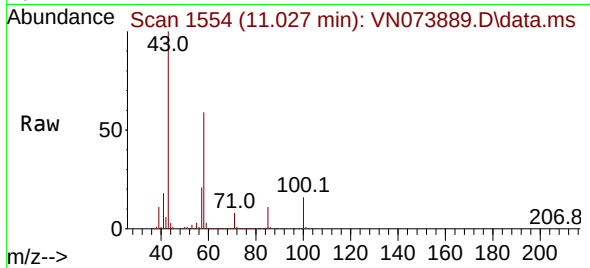
Tgt Ion: 63 Resp: 403252
Ion Ratio Lower Upper
63 100
106 33.3 24.6 36.8





#59
2-Hexanone
Concen: 88.947 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

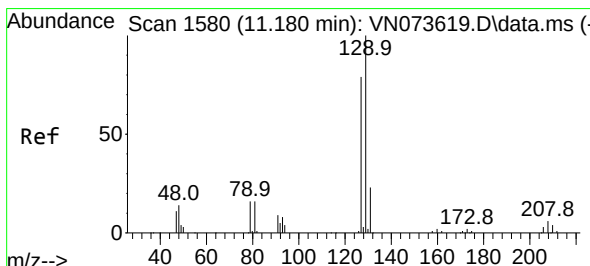
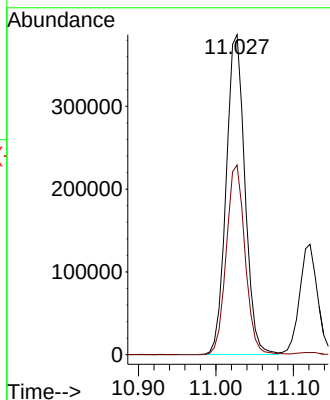
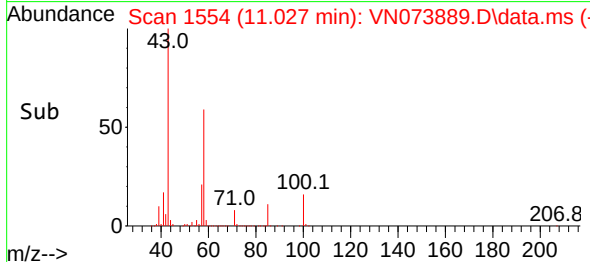
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 65101
Ion Ratio Lower Upper
43 100
58 59.6 29.7 89.1

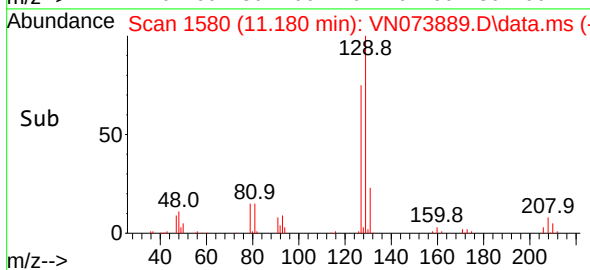
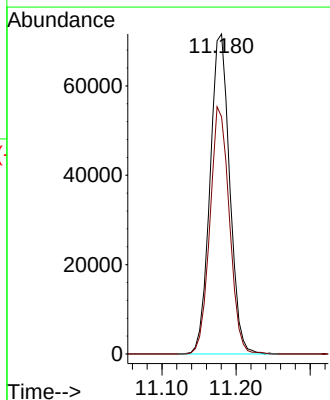
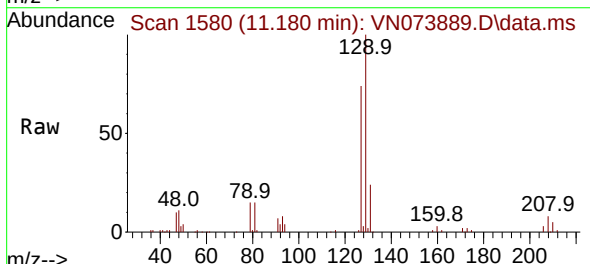
Manual Integrations
APPROVED

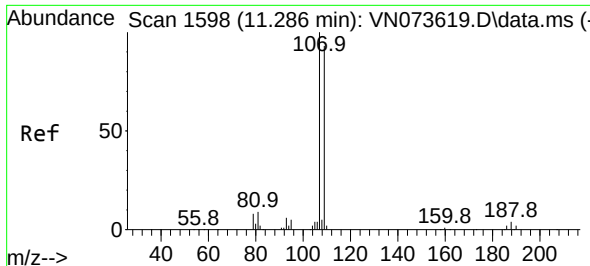
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#60
Dibromochloromethane
Concen: 21.159 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

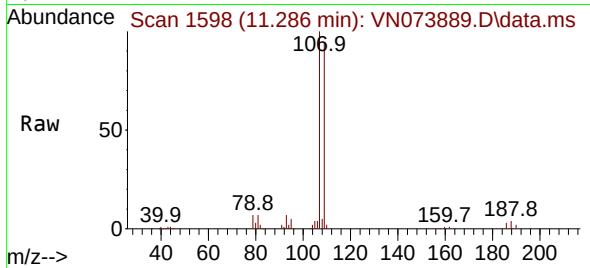
Tgt Ion:129 Resp: 131833
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.280 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

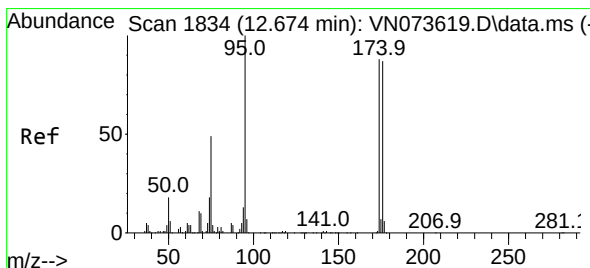
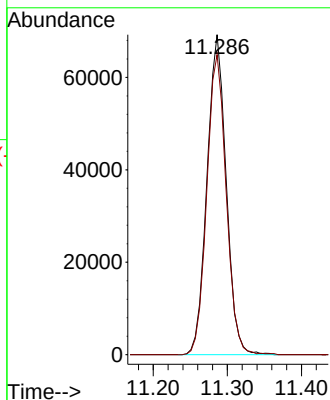
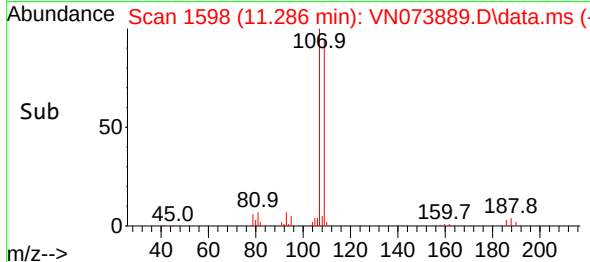
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



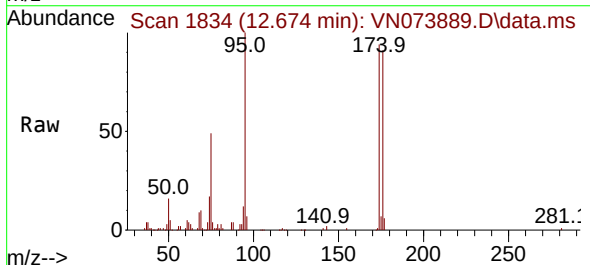
Tgt Ion:107 Resp: 124360
Ion Ratio Lower Upper
107 100
109 94.9 75.0 112.6

Manual Integrations
APPROVED

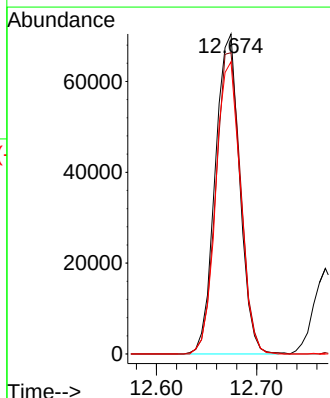
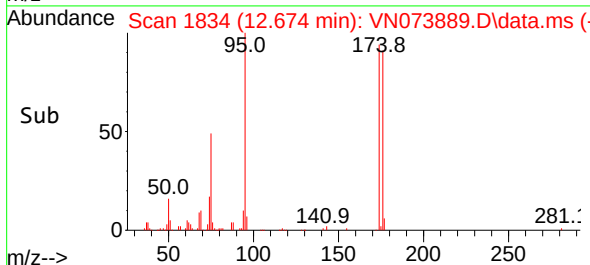
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

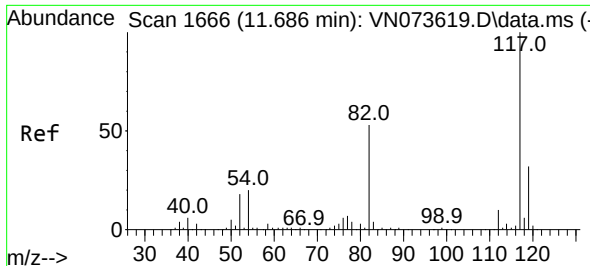


#62
4-Bromofluorobenzene
Concen: 18.465 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15



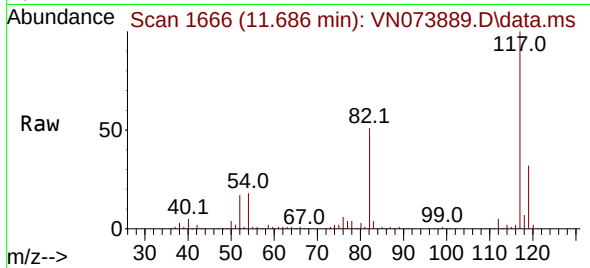
Tgt Ion: 95 Resp: 119372
Ion Ratio Lower Upper
95 100
174 96.0 0.0 167.6
176 92.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

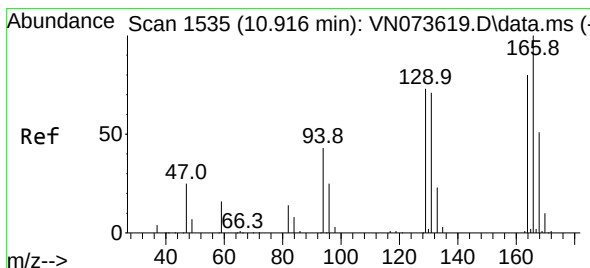
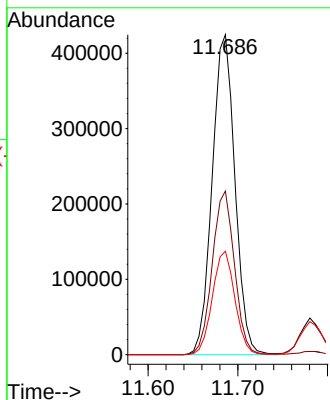
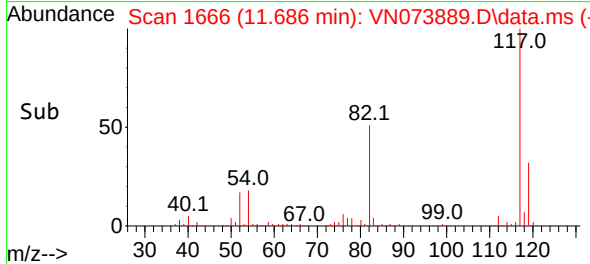
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



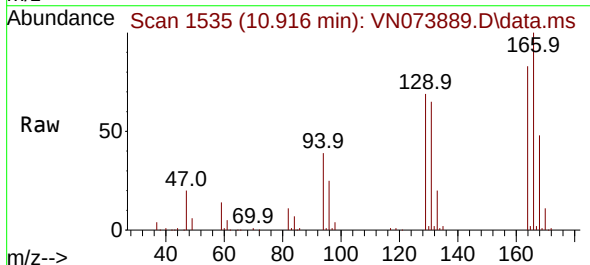
Tgt Ion:117 Resp: 747858
Ion Ratio Lower Upper
117 100
82 51.1 44.2 66.2
119 32.3 25.4 38.0

Manual Integrations
APPROVED

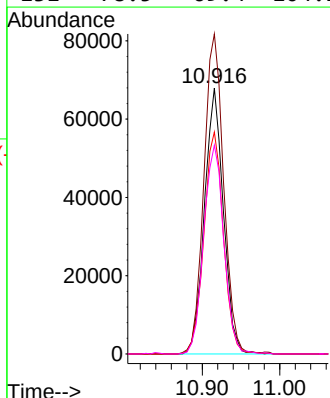
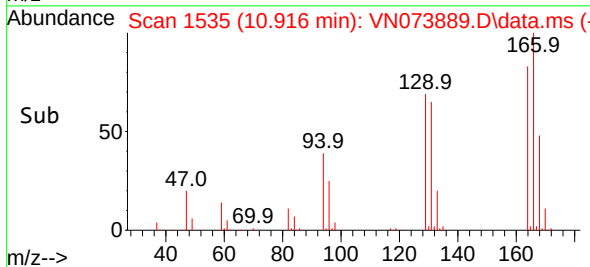
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

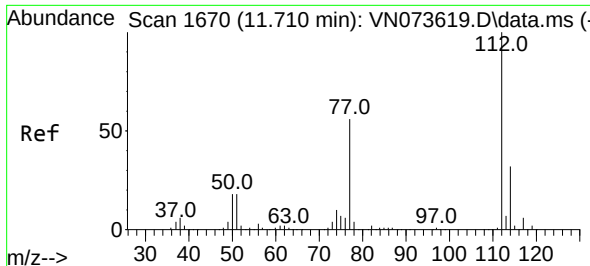


#64
Tetrachloroethene
Concen: 19.418 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15



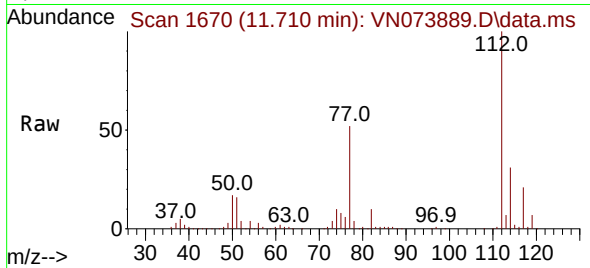
Tgt Ion:164 Resp: 115408
Ion Ratio Lower Upper
164 100
166 120.4 104.2 156.2
129 83.5 73.9 110.9
131 78.5 69.4 104.2





#65
Chlorobenzene
Concen: 19.767 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

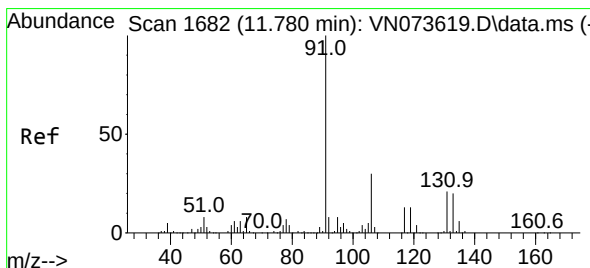
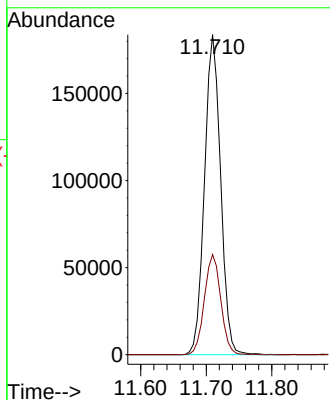
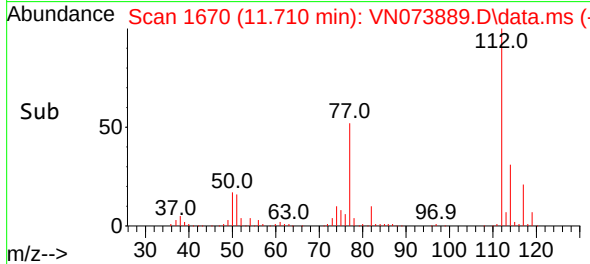
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



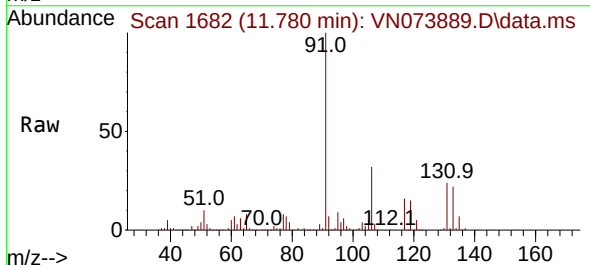
Tgt Ion:112 Resp: 31398
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2

Manual Integrations
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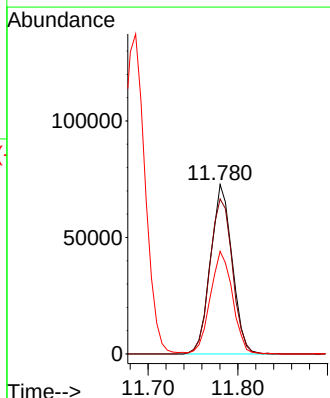
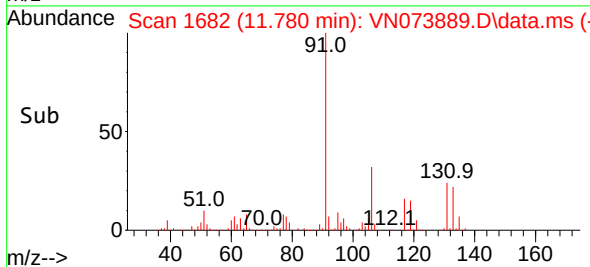
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

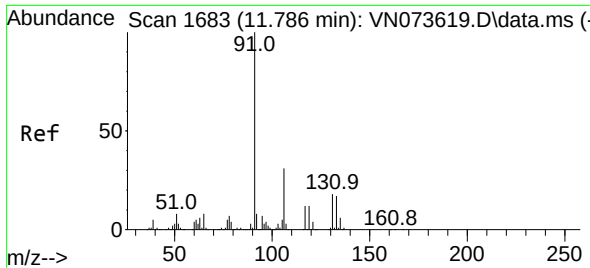


#66
1,1,1,2-Tetrachloroethane
Concen: 21.385 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15



Tgt Ion:131 Resp: 121843
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.4
119 62.3 33.4 100.2





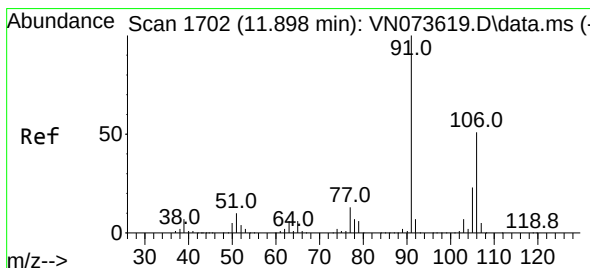
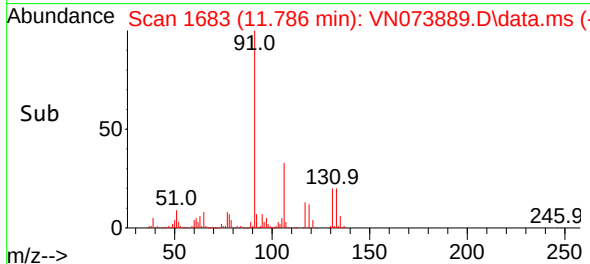
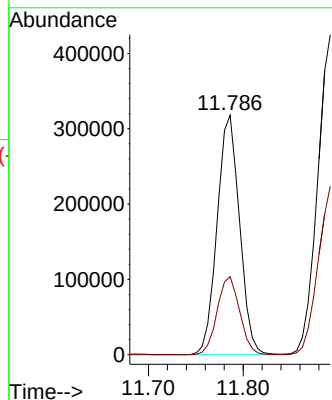
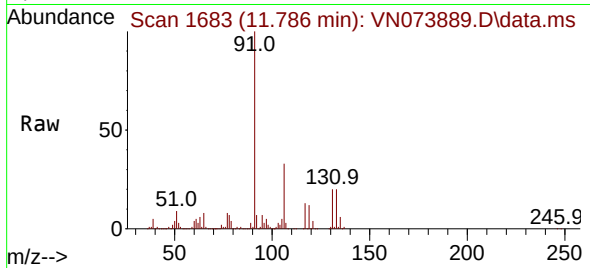
#67
Ethyl Benzene
Concen: 19.518 ug/l
RT: 11.786 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 523070
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3

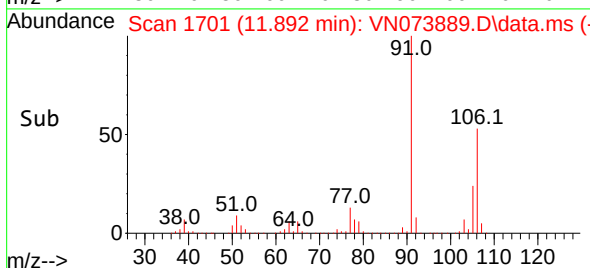
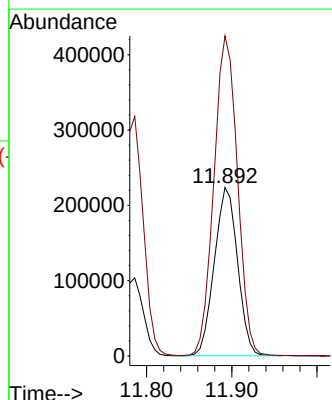
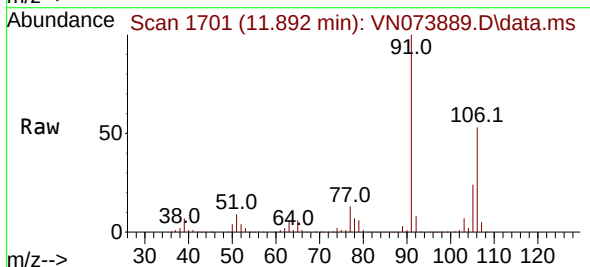
Manual Integrations
APPROVED

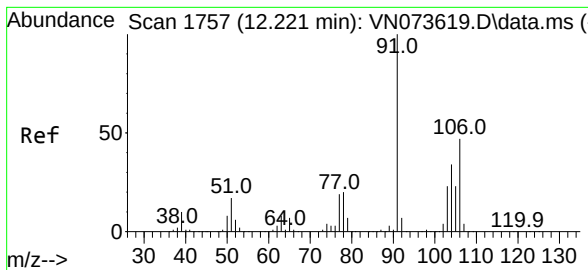
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#68
m/p-Xylenes
Concen: 41.422 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Tgt Ion:106 Resp: 423378
Ion Ratio Lower Upper
106 100
91 193.2 158.9 238.3





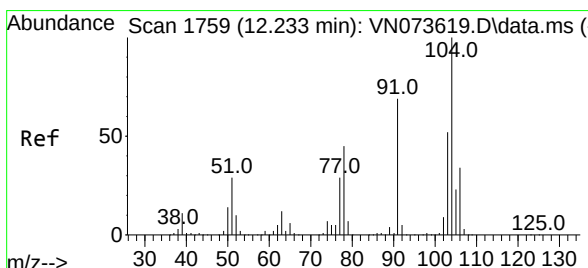
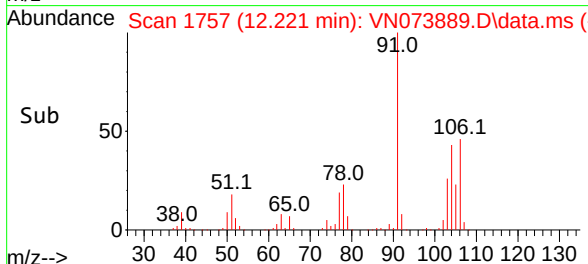
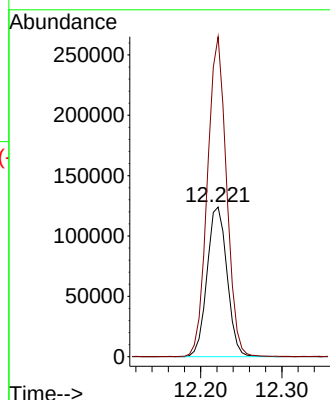
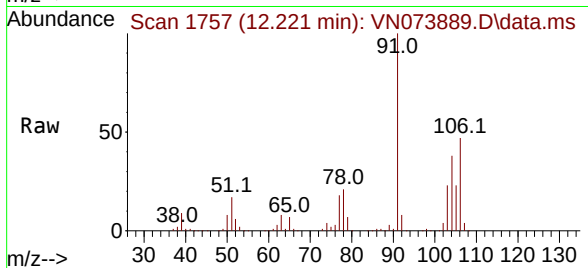
#69
o-Xylene
Concen: 21.242 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 21167
Ion Ratio Lower Upper
106 100
91 204.7 106.0 318.0

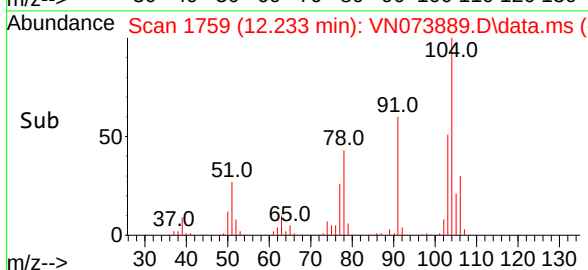
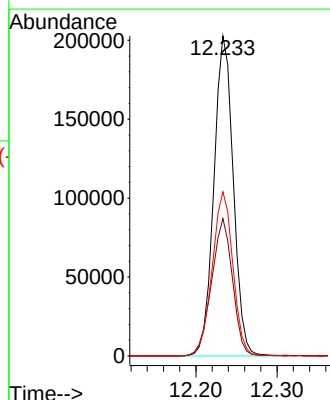
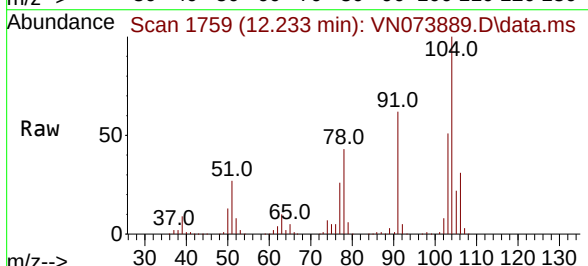
Manual Integrations
APPROVED

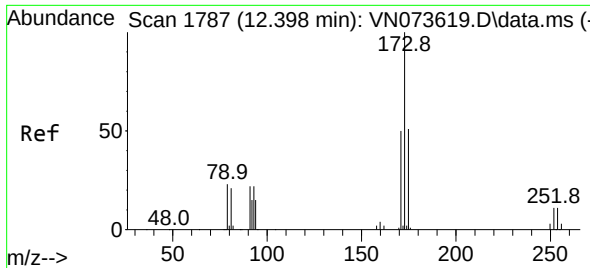
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#70
Styrene
Concen: 21.147 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

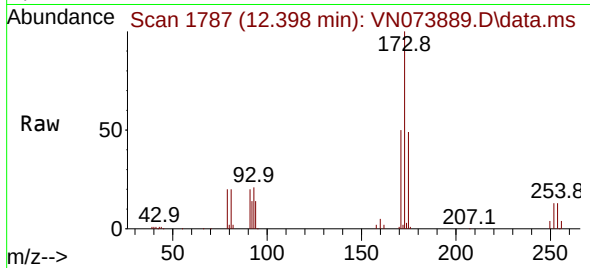
Tgt Ion:104 Resp: 337334
Ion Ratio Lower Upper
104 100
78 46.2 39.5 59.3
103 54.7 44.0 66.0





#71
Bromoform
Concen: 22.969 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

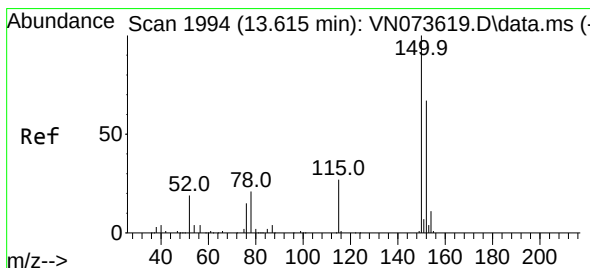
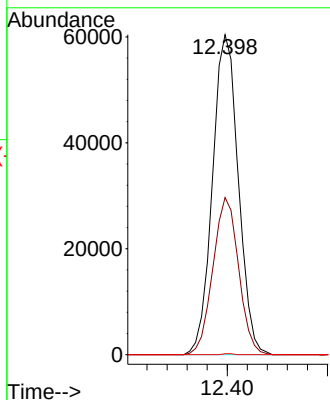
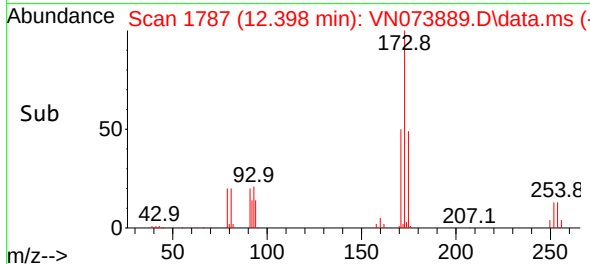
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:173 Resp: 10802
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.6
254 0.1 0.1 0.1

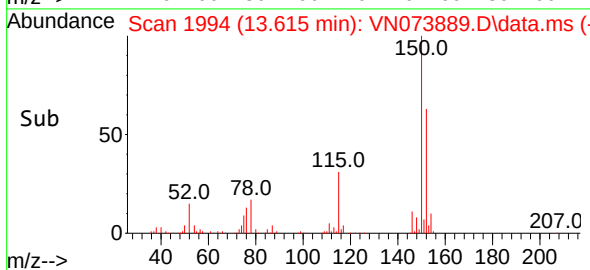
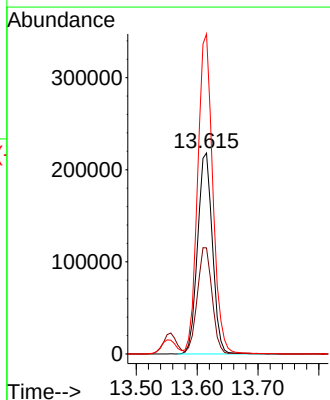
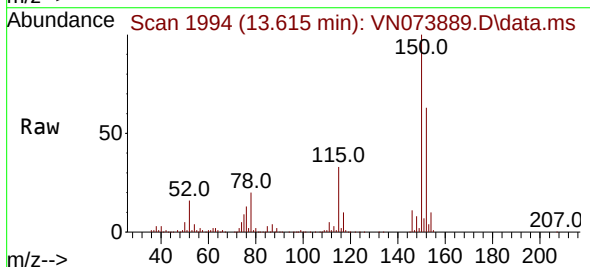
Manual Integrations
APPROVED

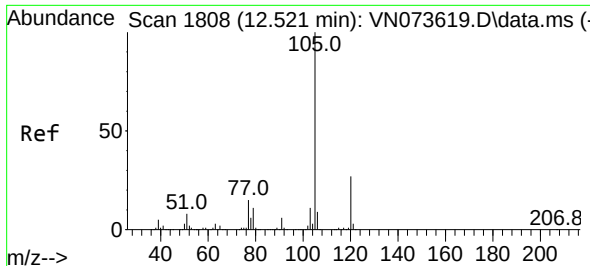
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

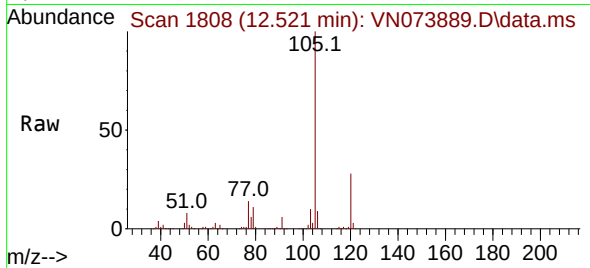
Tgt Ion:152 Resp: 369261
Ion Ratio Lower Upper
152 100
115 52.6 28.9 86.7
150 162.7 0.0 356.2





#73
Isopropylbenzene
Concen: 19.784 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

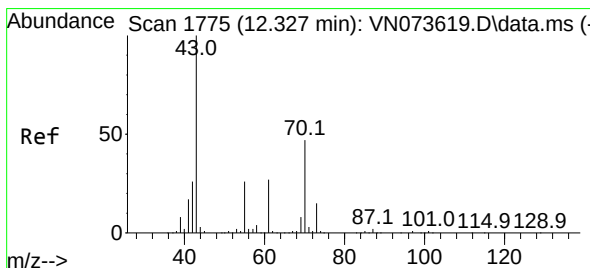
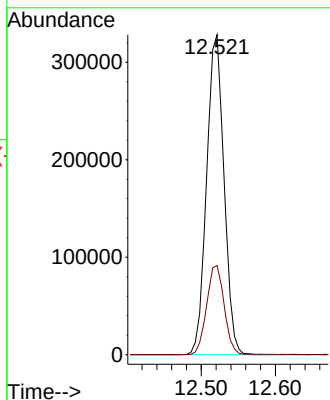
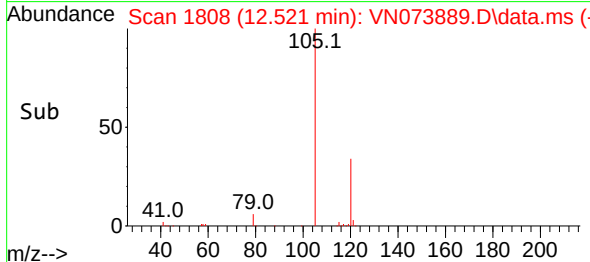
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:105 Resp: 534772
Ion Ratio Lower Upper
105 100
120 28.1 13.5 40.4

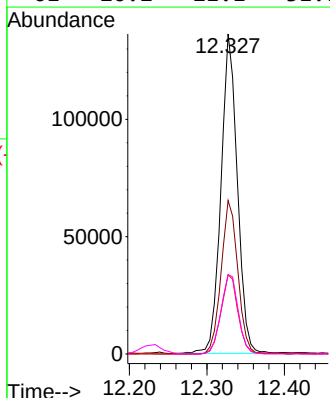
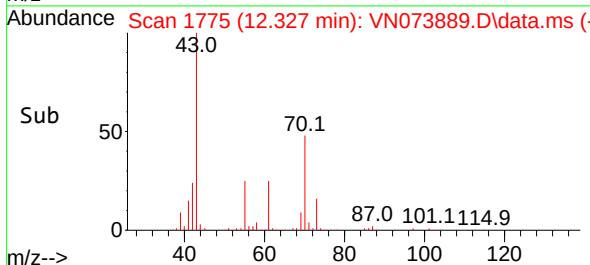
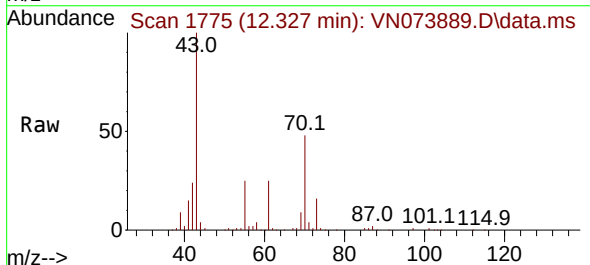
Manual Integrations
APPROVED

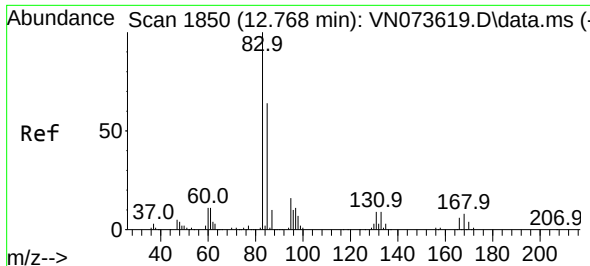
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#74
N-ethyl acetate
Concen: 19.566 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

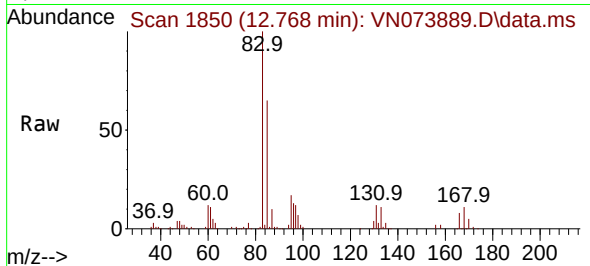
Tgt Ion: 43 Resp: 199831
Ion Ratio Lower Upper
43 100
70 49.1 39.0 58.4
55 25.9 21.1 31.7
61 26.2 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 17.582 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

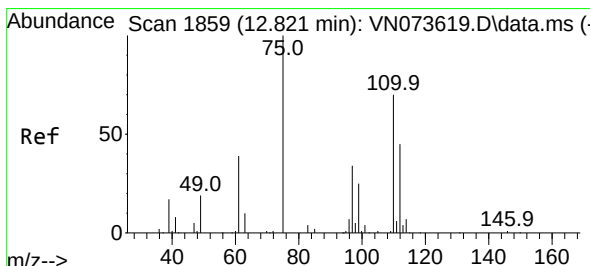
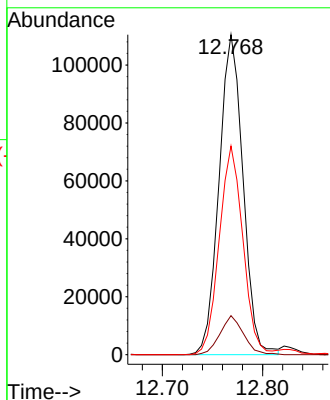
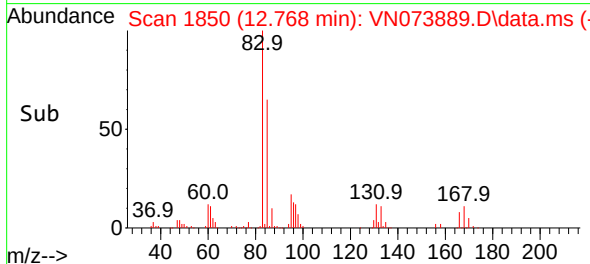
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 183395
Ion Ratio Lower Upper
83 100
131 12.0 5.3 15.9
85 64.5 32.3 96.9

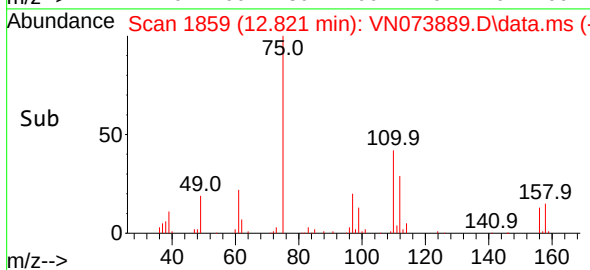
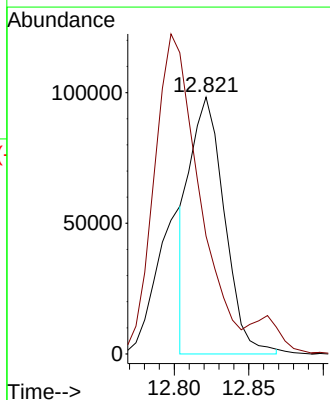
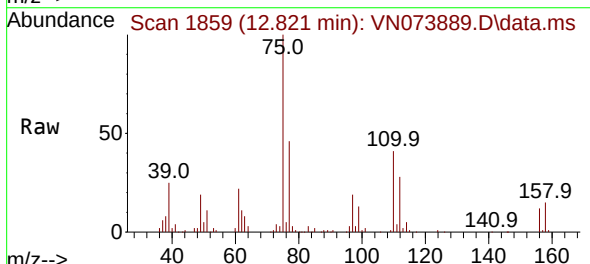
Manual Integrations
APPROVED

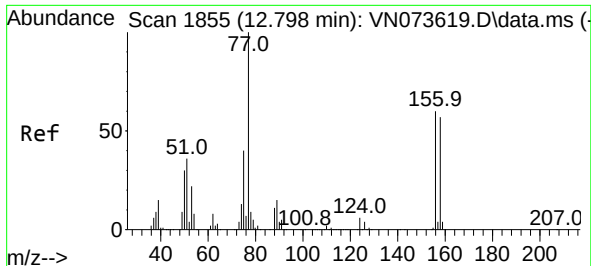
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#76
1,2,3-Trichloropropane
Concen: 18.956 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

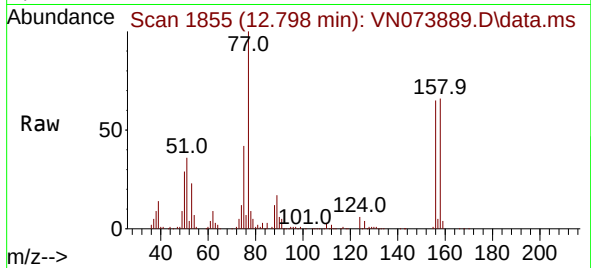
Tgt Ion: 75 Resp: 158926
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 19.811 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

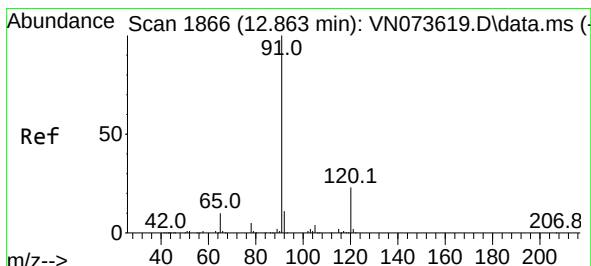
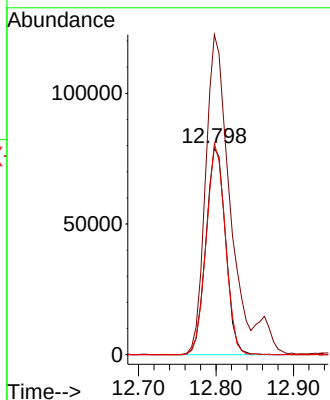
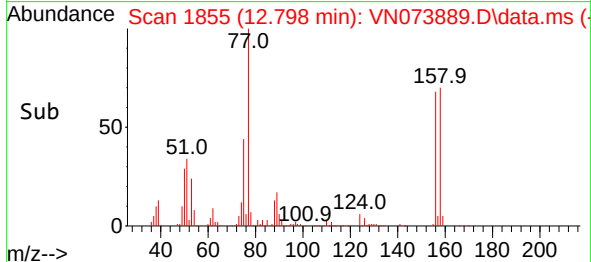
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



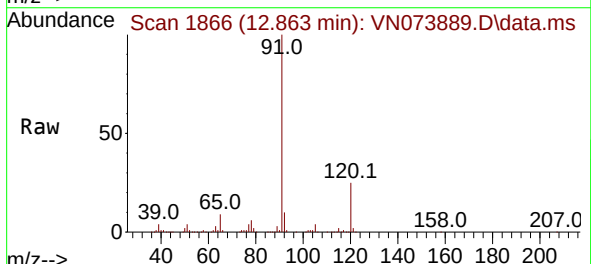
Tgt Ion:156 Resp: 13945
Ion Ratio Lower Upper
156 100
77 184.7 100.5 301.5
158 99.5 48.9 146.6

Manual Integrations
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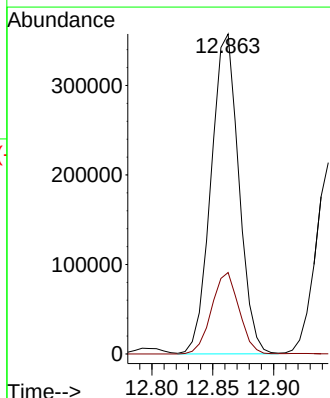
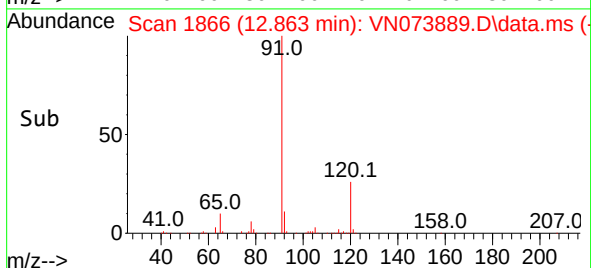
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

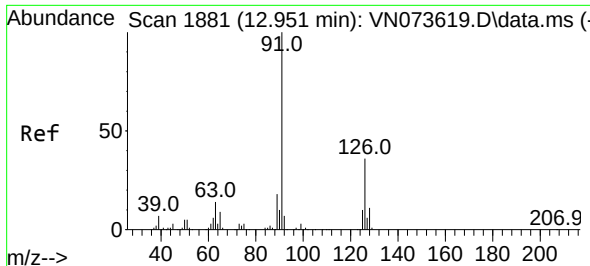


#78
n-propylbenzene
Concen: 18.643 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15



Tgt Ion: 91 Resp: 567037
Ion Ratio Lower Upper
91 100
120 25.1 11.9 35.5





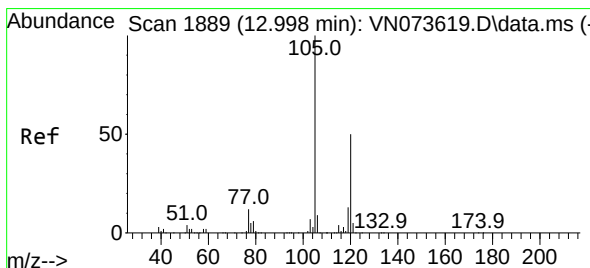
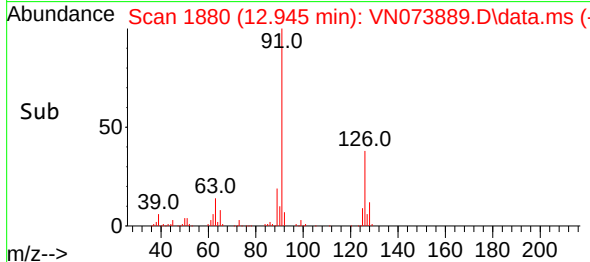
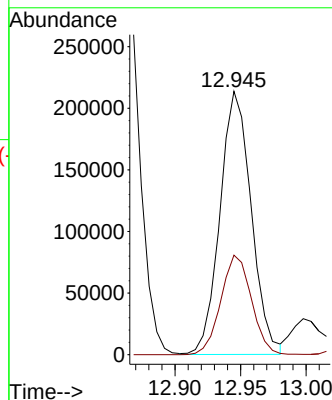
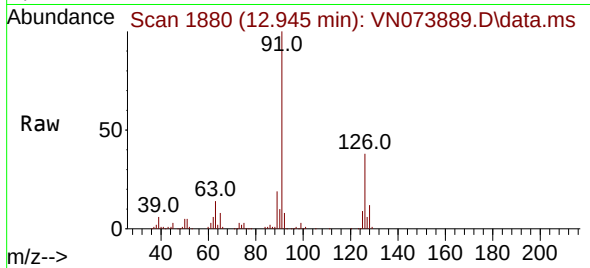
#79
2-Chlorotoluene
Concen: 18.673 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 354469
Ion Ratio Lower Upper
91 100
126 37.0 17.3 51.9

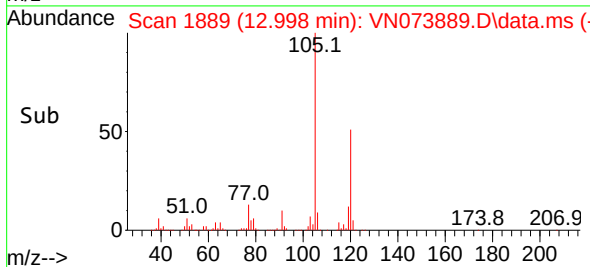
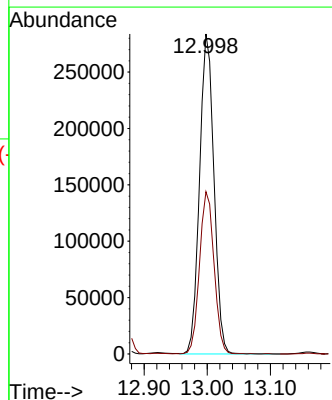
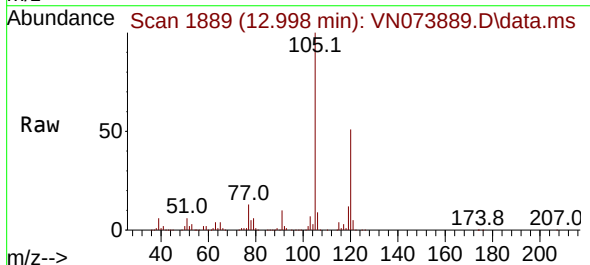
Manual Integrations
APPROVED

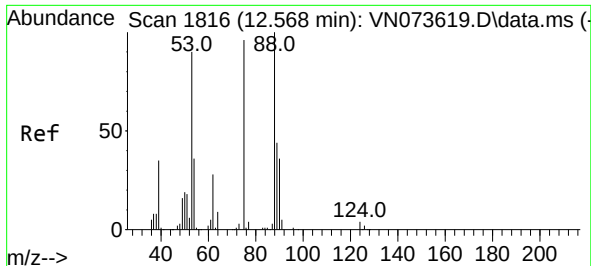
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.161 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Tgt Ion:105 Resp: 448478
Ion Ratio Lower Upper
105 100
120 51.3 24.9 74.7





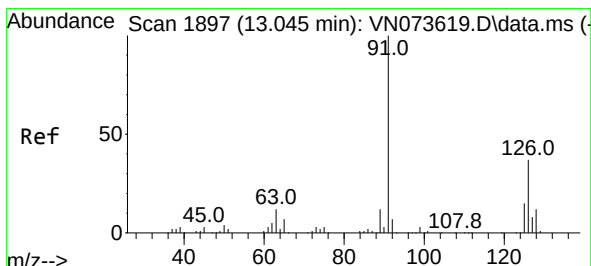
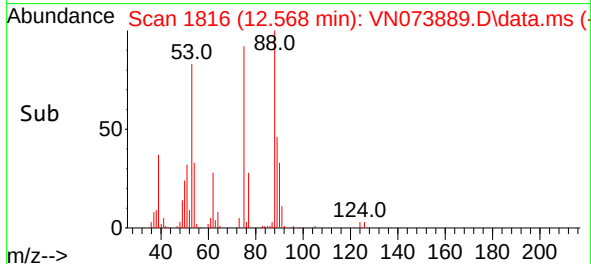
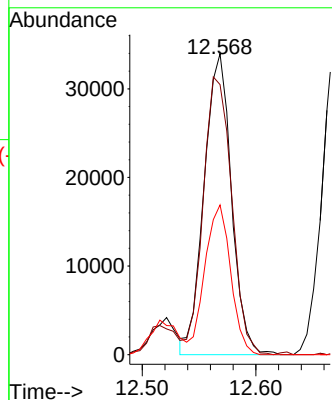
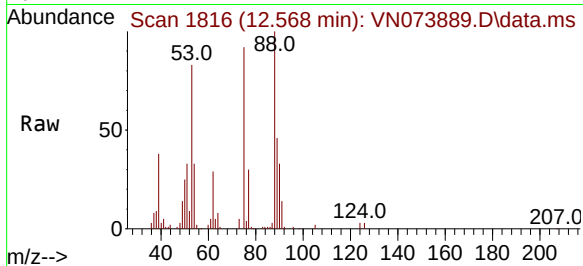
#81
trans-1,4-Dichloro-2-butene
Concen: 19.942 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 5682
Ion Ratio Lower Upper
75 100
53 96.4 78.0 117.0
89 47.0 37.2 55.8

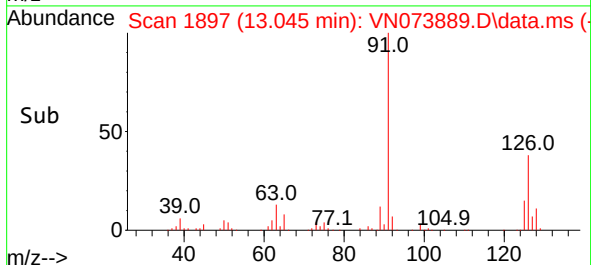
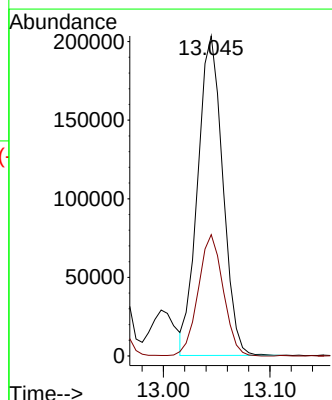
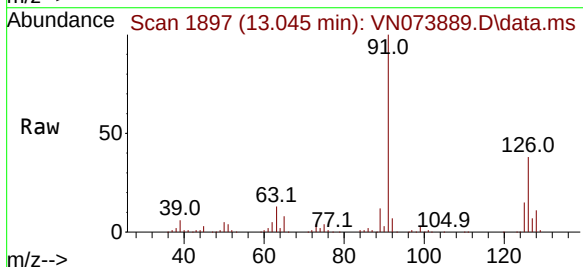
Manual Integrations
APPROVED

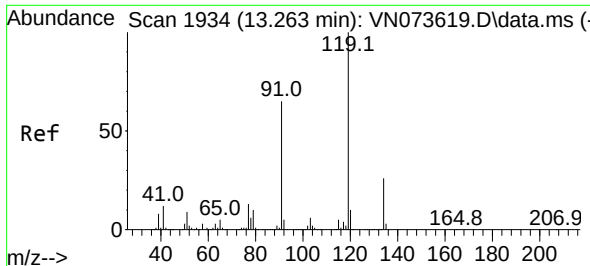
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#82
4-Chlorotoluene
Concen: 18.475 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

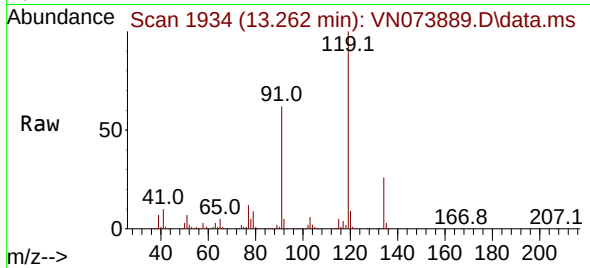
Tgt Ion: 91 Resp: 332389
Ion Ratio Lower Upper
91 100
126 37.9 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.370 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

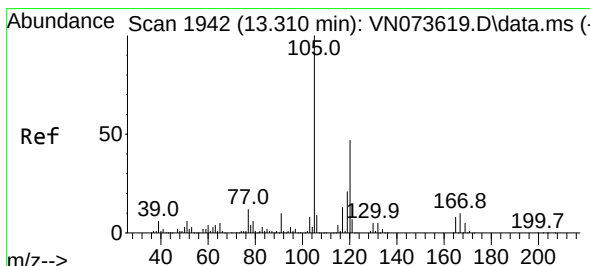
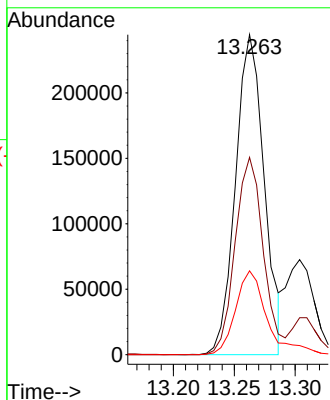
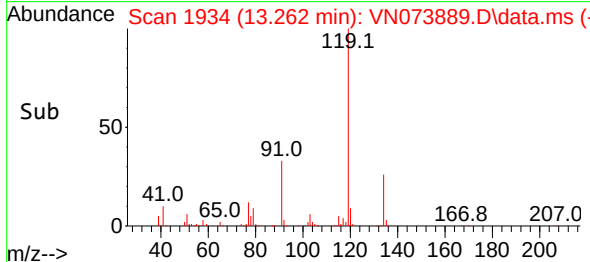
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



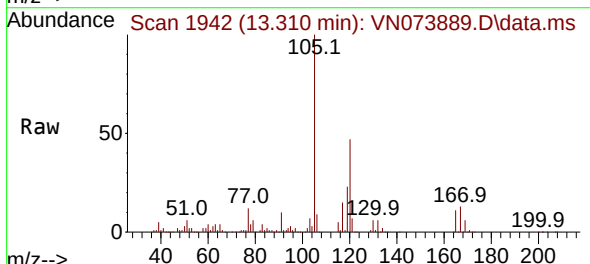
Tgt Ion:119 Resp: 401364
Ion Ratio Lower Upper
119 100
91 60.9 31.6 94.8
134 28.7 13.7 41.1

Manual Integrations
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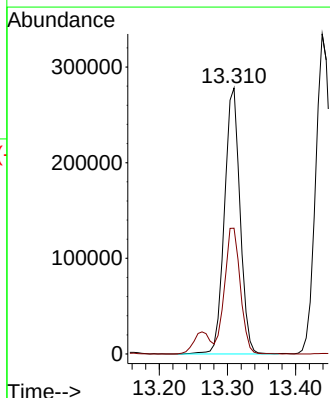
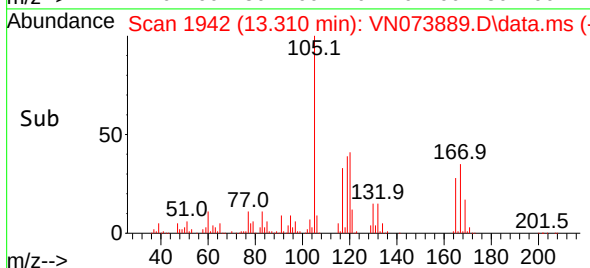
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

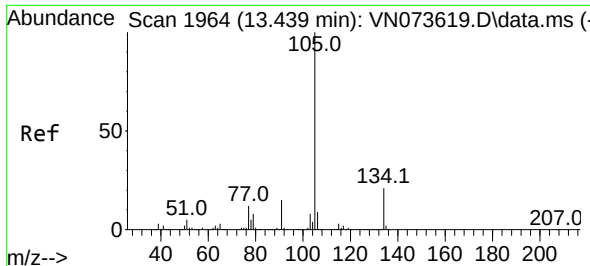


#84
1,2,4-Trimethylbenzene
Concen: 20.223 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15



Tgt Ion:105 Resp: 442336
Ion Ratio Lower Upper
105 100
120 47.5 23.3 69.8





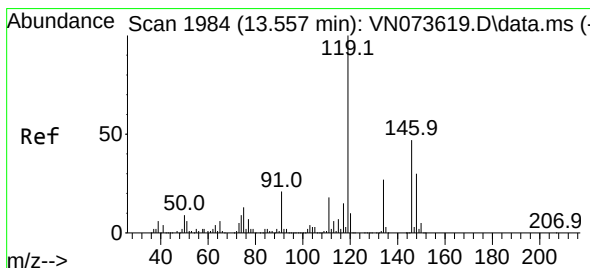
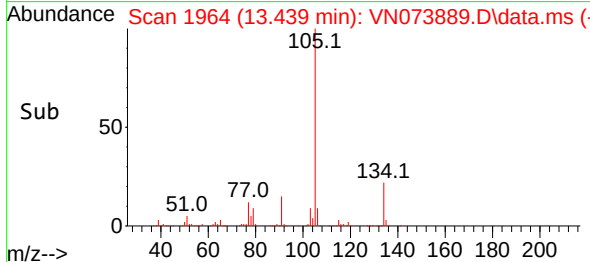
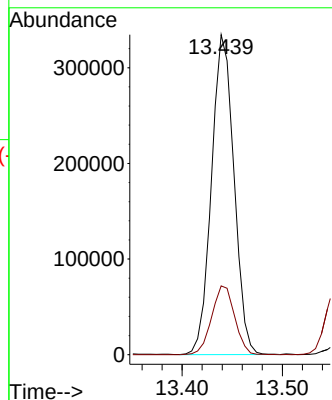
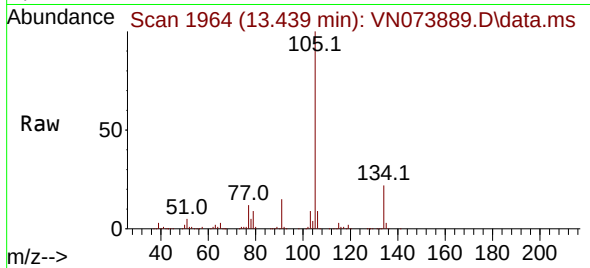
#85
 sec-Butylbenzene
 Concen: 19.156 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073889.D
 Acq: 15 Aug 2022 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 521664
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.4 31.1

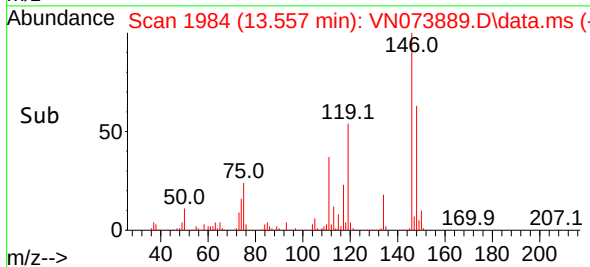
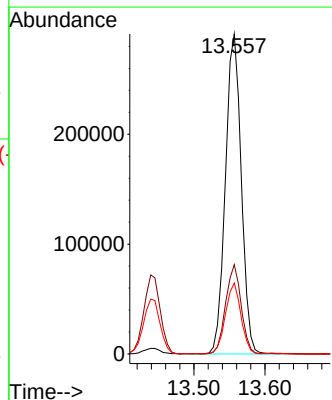
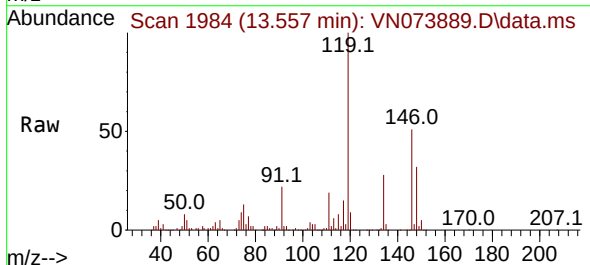
Manual Integrations
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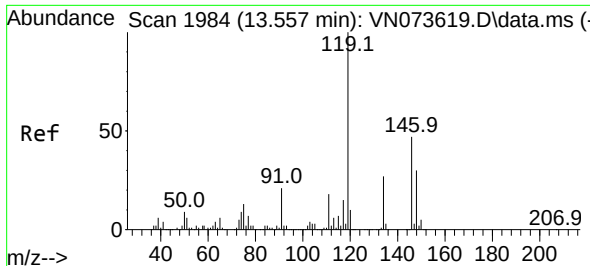
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#86
 p-Isopropyltoluene
 Concen: 21.009 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073889.D
 Acq: 15 Aug 2022 11:15

Tgt Ion:119 Resp: 451025
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.3 39.8
 91 21.6 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 19.422 ug/l

RT: 13.551 min Scan# 1984

Delta R.T. -0.006 min

Lab File: VN073889.D

Acq: 15 Aug 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 249548

Ion Ratio Lower Upper

146 100

111 37.1 20.0 60.0

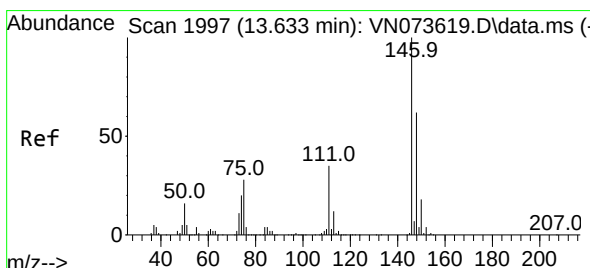
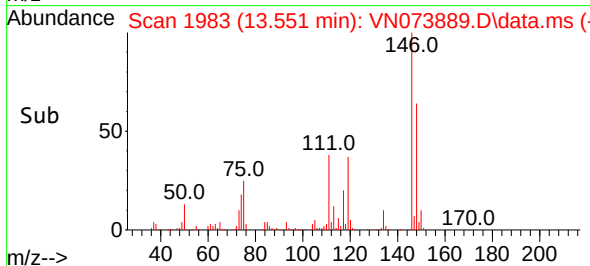
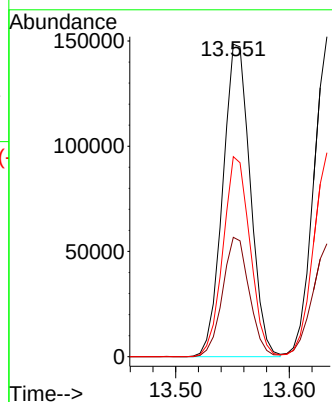
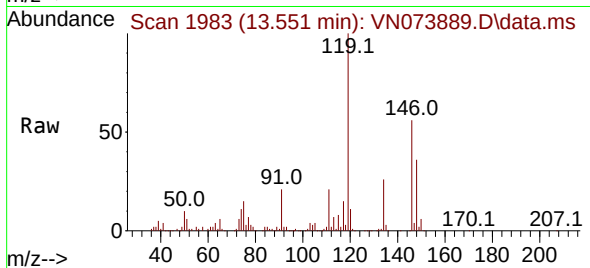
148 63.1 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#88

1,4-Dichlorobenzene

Concen: 19.313 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. -0.000 min

Lab File: VN073889.D

Acq: 15 Aug 2022 11:15

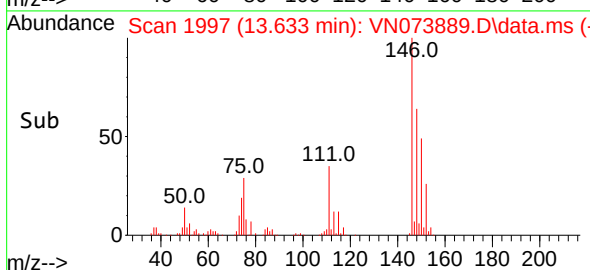
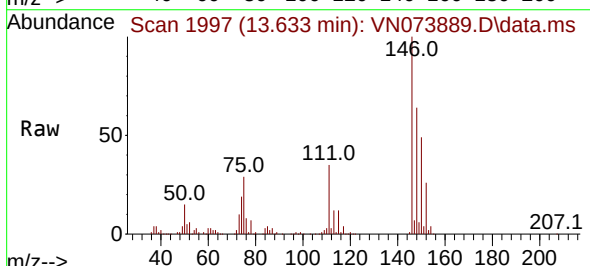
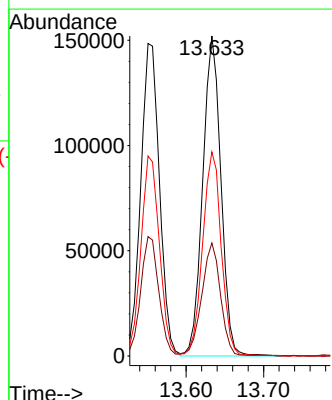
Tgt Ion:146 Resp: 248286

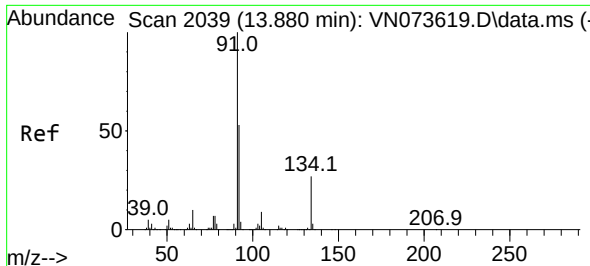
Ion Ratio Lower Upper

146 100

111 35.8 19.1 57.1

148 65.3 31.4 94.3





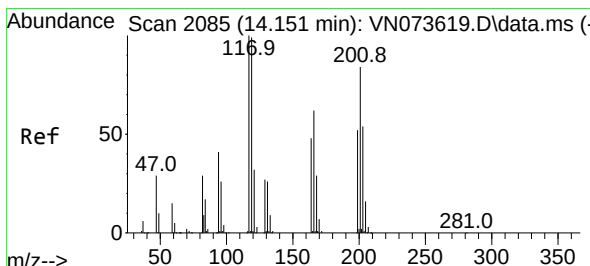
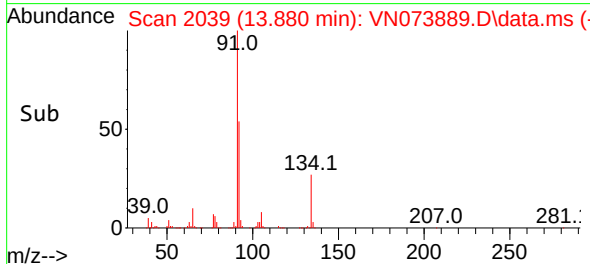
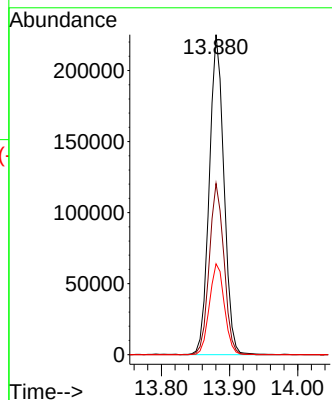
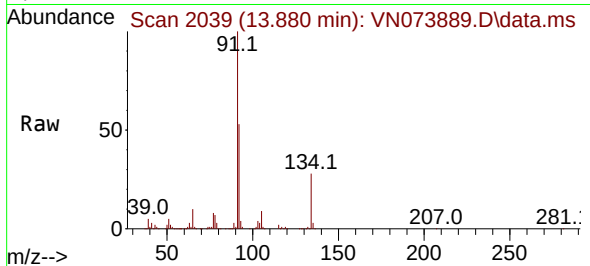
#89
n-Butylbenzene
Concen: 19.322 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 337504
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.7
134 29.0 13.6 40.8

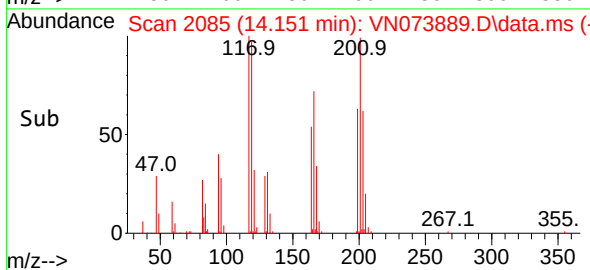
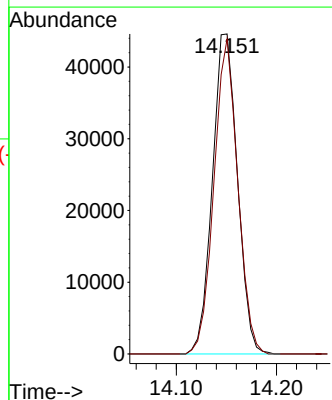
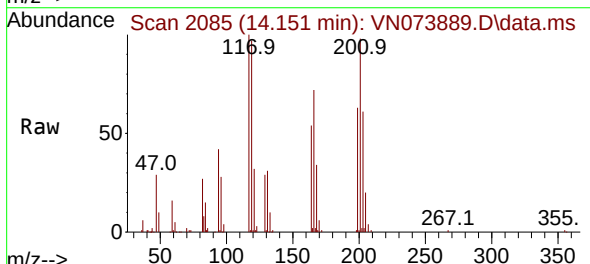
Manual Integrations
APPROVED

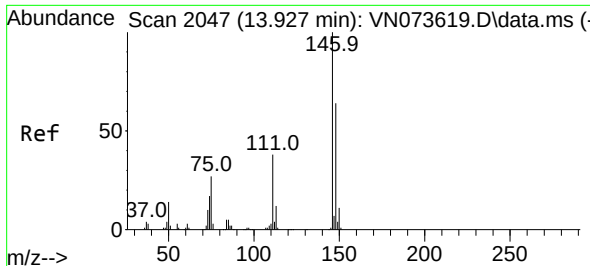
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#90
Hexachloroethane
Concen: 18.167 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

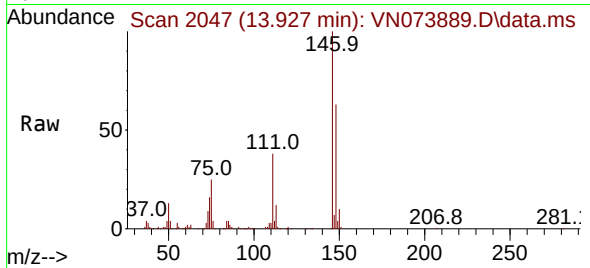
Tgt Ion:117 Resp: 77378
Ion Ratio Lower Upper
117 100
201 93.5 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 20.041 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

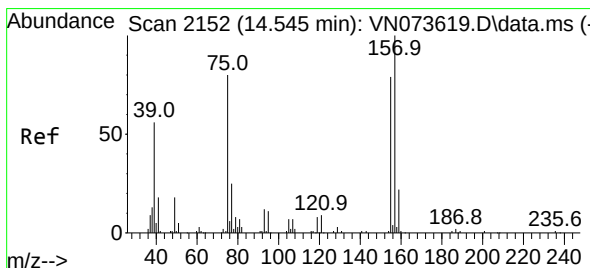
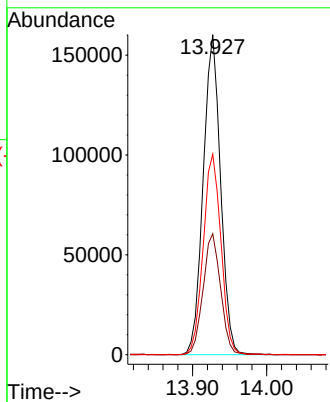
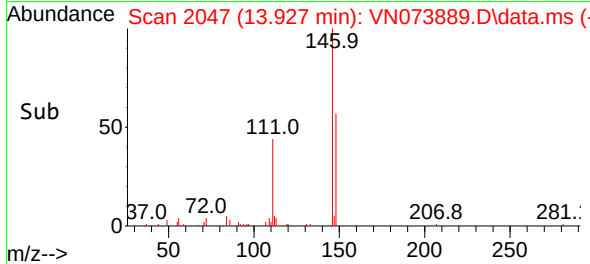
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:146 Resp: 260938
Ion Ratio Lower Upper
146 100
111 38.1 20.9 62.8
148 64.2 32.1 96.3

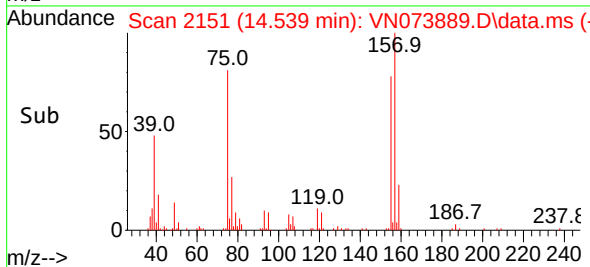
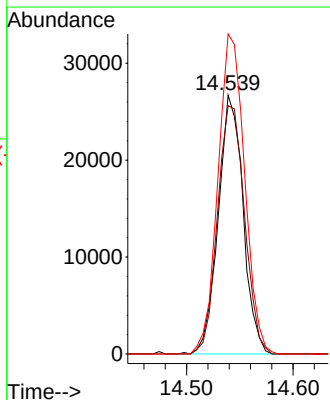
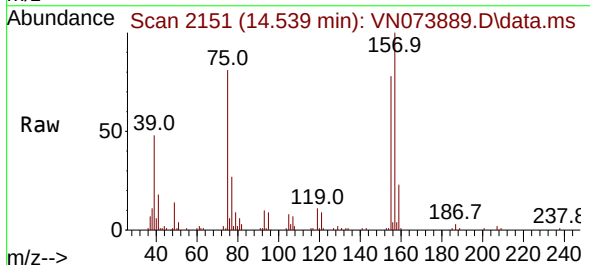
Manual Integrations
APPROVED

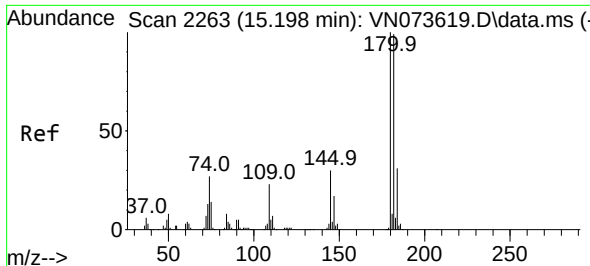
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.610 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

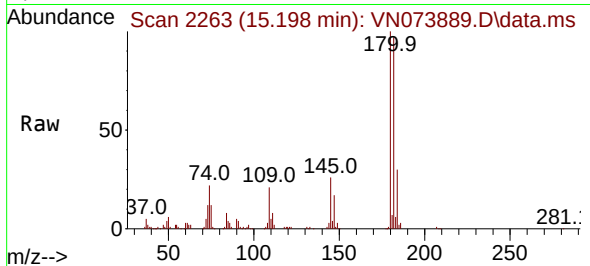
Tgt Ion: 75 Resp: 43193
Ion Ratio Lower Upper
75 100
155 104.4 44.9 134.5
157 132.9 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 24.183 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

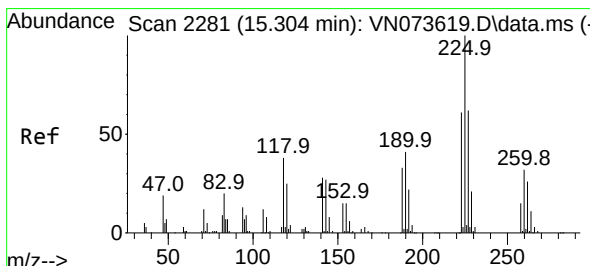
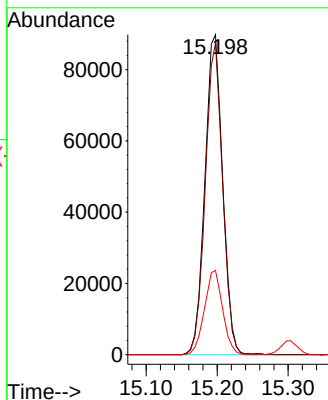
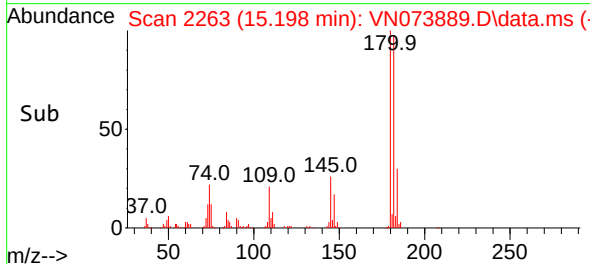
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



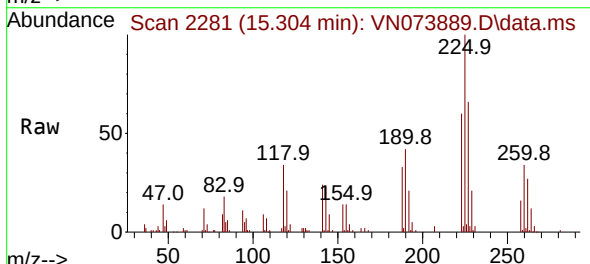
Tgt Ion:180 Resp: 15636
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 26.9 14.5 43.5

Manual Integrations
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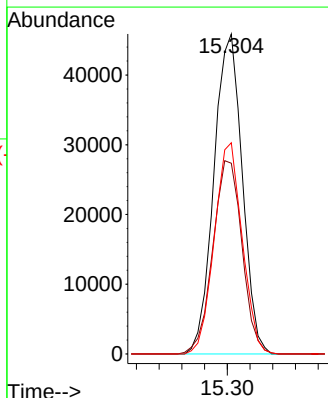
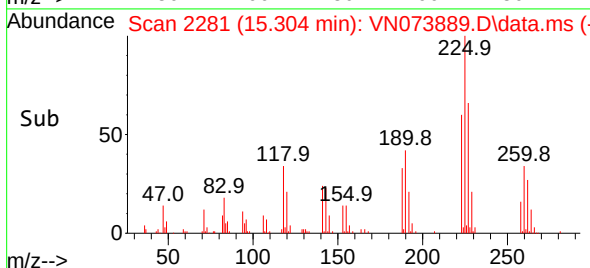
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

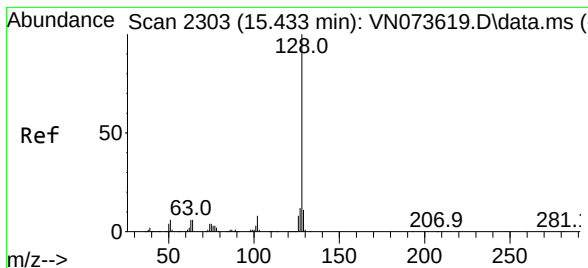


#94
Hexachlorobutadiene
Concen: 22.609 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15



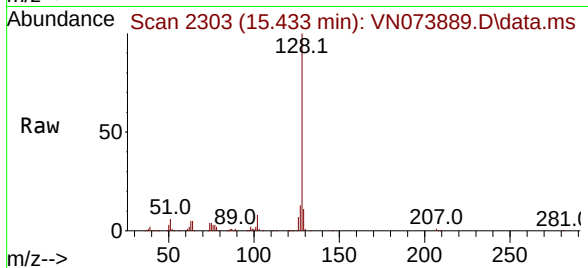
Tgt Ion:225 Resp: 79475
Ion Ratio Lower Upper
225 100
223 62.2 32.4 97.2
227 64.8 31.8 95.4





#95
Naphthalene
Concen: 25.850 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

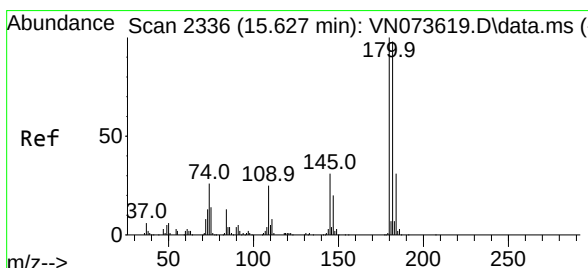
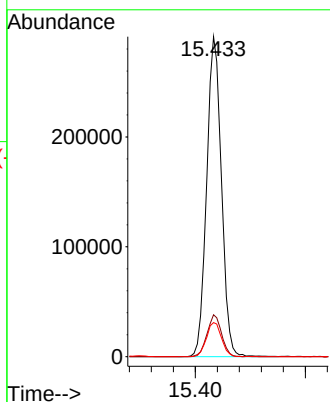
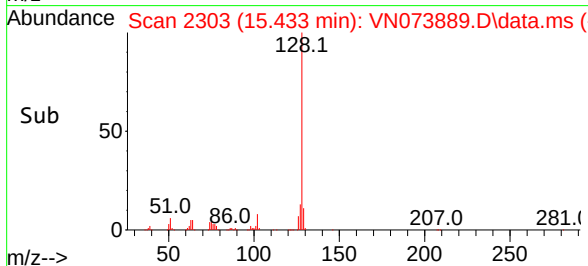
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 542395
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 24.314 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VN073889.D
Acq: 15 Aug 2022 11:15

Tgt Ion:180 Resp: 165459
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 29.4 15.5 46.5

