

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041322\
 Data File : VN071974.D
 Acq On : 13 Apr 2022 14:28
 Operator : JC\MD
 Sample : VN0413WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 14 02:31:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	487757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	741846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	676822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	270191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	242296	43.513	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.020%		
35) Dibromofluoromethane	8.016	113	212291	48.631	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.260%		
50) Toluene-d8	10.439	98	828464	46.393	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.780%		
62) 4-Bromofluorobenzene	12.727	95	269509	46.665	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	104169	26.864	ug/l	98
3) Chloromethane	2.299	50	110695	22.528	ug/l	99
4) Vinyl Chloride	2.446	62	113624	21.057	ug/l	95
5) Bromomethane	2.846	94	79833	22.759	ug/l	99
6) Chloroethane	3.010	64	69857	17.995	ug/l	97
7) Trichlorofluoromethane	3.375	101	155699	22.679	ug/l	99
8) Diethyl Ether	3.828	74	68240	23.520	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	95511	22.576	ug/l	97
10) Methyl Iodide	4.422	142	133713	22.610	ug/l	98
11) Tert butyl alcohol	5.363	59	94214	104.260	ug/l	99
12) 1,1-Dichloroethene	4.181	96	91616	22.756	ug/l	93
13) Acrolein	4.040	56	69055	62.674	ug/l	97
14) Allyl chloride	4.840	41	138835	21.247	ug/l	93
15) Acrylonitrile	5.546	53	302335	115.105	ug/l	99
16) Acetone	4.281	43	220844	92.803	ug/l	94
17) Carbon Disulfide	4.534	76	225138	24.373	ug/l	99
18) Methyl Acetate	4.851	43	131652	21.477	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	336269	22.483	ug/l	98
20) Methylene Chloride	5.093	84	114779	22.883	ug/l	94
21) trans-1,2-Dichloroethene	5.598	96	99527	22.519	ug/l	97
22) Diisopropyl ether	6.493	45	314248	22.090	ug/l	94
23) Vinyl Acetate	6.428	43	1292499	114.255	ug/l	98
24) 1,1-Dichloroethane	6.387	63	185510	22.214	ug/l	100
25) 2-Butanone	7.328	43	362926	105.790	ug/l	96
26) 2,2-Dichloropropane	7.322	77	148282	20.669	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	122211	22.550	ug/l	96
28) Bromochloromethane	7.651	49	60221	17.876	ug/l	97
29) Tetrahydrofuran	7.681	42	250121	112.598	ug/l	97
30) Chloroform	7.816	83	193710	21.967	ug/l	99
31) Cyclohexane	8.092	56	169019	22.320	ug/l #	95
32) 1,1,1-Trichloroethane	8.010	97	160428	21.266	ug/l	97
36) 1,1-Dichloropropene	8.216	75	141005	23.131	ug/l	99
37) Ethyl Acetate	7.404	43	151605	22.721	ug/l	97
38) Carbon Tetrachloride	8.204	117	133966	22.423	ug/l	99
39) Methylcyclohexane	9.457	83	175323	24.161	ug/l	98
40) Benzene	8.457	78	453456	23.547	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	66929	20.486	ug/l	92
42) 1,2-Dichloroethane	8.528	62	146101	21.932	ug/l	96
43) Isopropyl Acetate	8.557	43	233466	21.037	ug/l	98
44) Trichloroethene	9.210	130	116014	23.384	ug/l	94
45) 1,2-Dichloropropane	9.486	63	112573	23.400	ug/l	97
46) Dibromomethane	9.575	93	77554	23.743	ug/l	96
47) Bromodichloromethane	9.757	83	150816	23.456	ug/l	98
48) Methyl methacrylate	9.557	41	104106	22.610	ug/l	92
49) 1,4-Dioxane	9.569	88	49241	443.092	ug/l	97
51) 4-Methyl-2-Pentanone	10.328	43	730997	114.562	ug/l	96
52) Toluene	10.498	92	291114	23.915	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	156411	23.211	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	175182	23.528	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	117448	23.443	ug/l	98
56) Ethyl methacrylate	10.757	69	170672	23.880	ug/l	93
57) 1,3-Dichloropropane	11.039	76	194511	23.221	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	188982	97.027	ug/l	100
59) 2-Hexanone	11.080	43	513092	114.213	ug/l	94
60) Dibromochloromethane	11.233	129	118875	24.335	ug/l	100
61) 1,2-Dibromoethane	11.339	107	120241	24.382	ug/l	98
64) Tetrachloroethene	10.975	164	103692	23.201	ug/l	97
65) Chlorobenzene	11.763	112	310840	22.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	111766	22.855	ug/l	100
67) Ethyl Benzene	11.839	91	520928	22.706	ug/l	97
68) m/p-Xylenes	11.945	106	411054	46.631	ug/l	98
69) o-Xylene	12.275	106	206169	23.564	ug/l	94
70) Styrene	12.292	104	315233	23.779	ug/l	99
71) Bromoform	12.451	173	90368	24.266	ug/l #	99
73) Isopropylbenzene	12.574	105	509463	22.376	ug/l	99
74) N-amyl acetate	12.380	43	138351	21.208	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.822	83	175037	23.041	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	130216m	20.804	ug/l	
77) Bromobenzene	12.857	156	126383	22.143	ug/l	96
78) n-propylbenzene	12.916	91	539697	22.534	ug/l	99
79) 2-Chlorotoluene	13.004	91	343688	22.376	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	414961	23.003	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	45502	22.528	ug/l	96
82) 4-Chlorotoluene	13.104	91	317098	22.273	ug/l	99
83) tert-Butylbenzene	13.321	119	366240	22.210	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	406179	23.077	ug/l	99
85) sec-Butylbenzene	13.498	105	488057	22.832	ug/l	100
86) p-Isopropyltoluene	13.610	119	399054	23.413	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	203977	22.432	ug/l	100
88) 1,4-Dichlorobenzene	13.686	146	199487	22.487	ug/l	99
89) n-Butylbenzene	13.939	91	268225	21.218	ug/l	99
90) Hexachloroethane	14.204	117	70405	22.565	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	198911	22.282	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	26324	22.340	ug/l	96
93) 1,2,4-Trichlorobenzene	15.257	180	86542	21.372	ug/l	98
94) Hexachlorobutadiene	15.363	225	57567	21.865	ug/l	100
95) Naphthalene	15.504	128	218977	20.247	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	89583	22.882	ug/l	99

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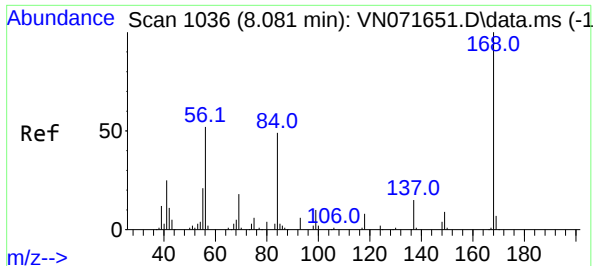
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

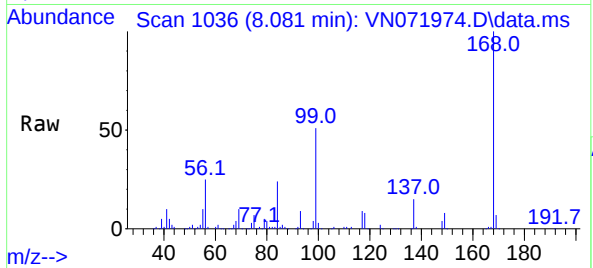
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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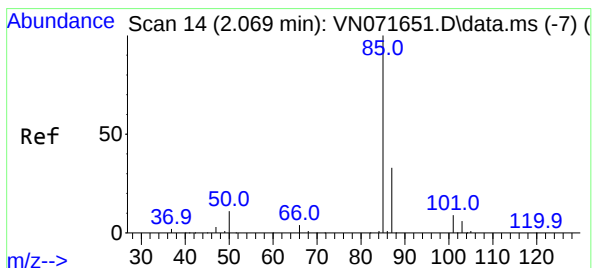
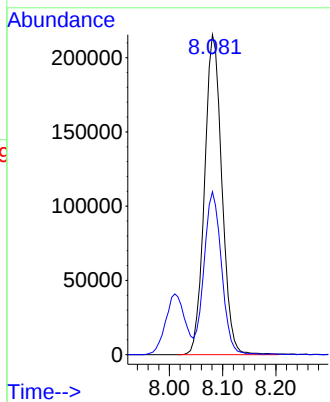
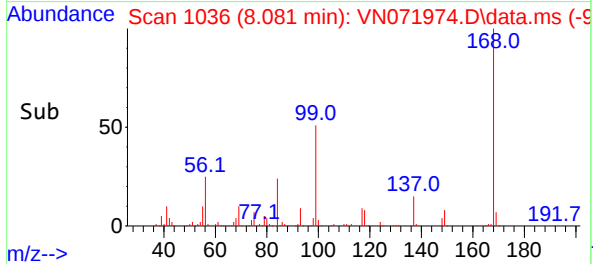
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



Tgt Ion:168 Resp: 48775
Ion Ratio Lower Upper
168 100
99 50.8 42.3 63.5

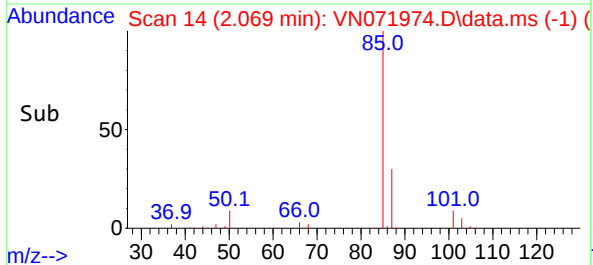
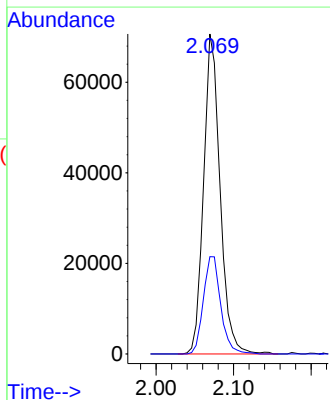
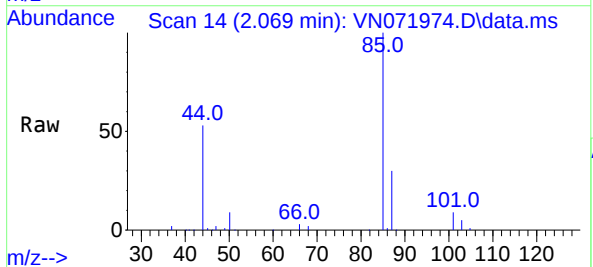
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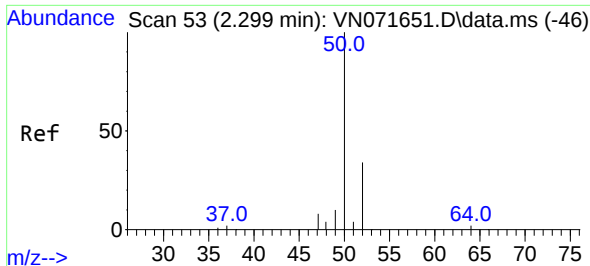
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



Dichlorodifluoromethane
Concen: 26.864 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

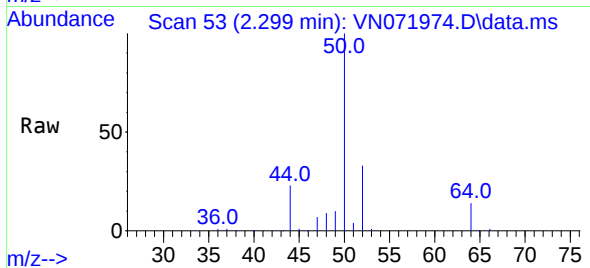
Tgt Ion: 85 Resp: 104169
Ion Ratio Lower Upper
85 100
87 30.4 15.7 47.1





#3
Chloromethane
Concen: 22.528 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

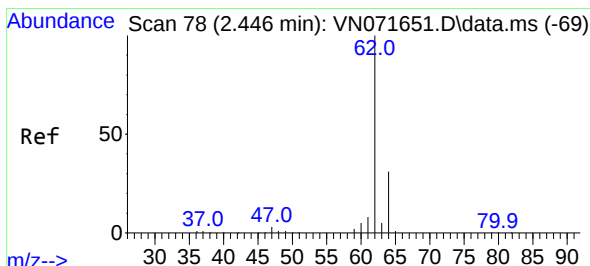
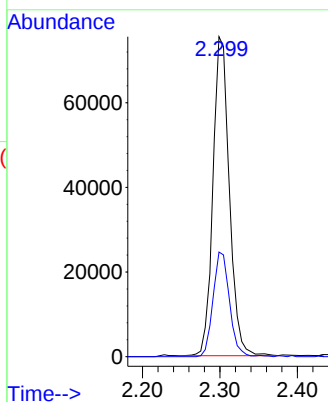
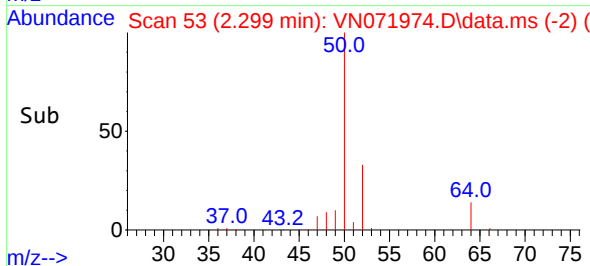
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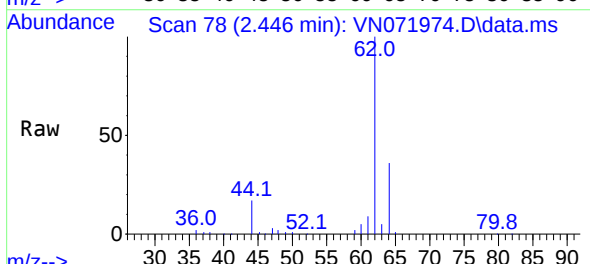
Tgt Ion: 50 Resp: 11069
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5

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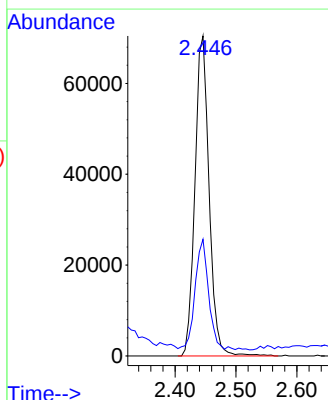
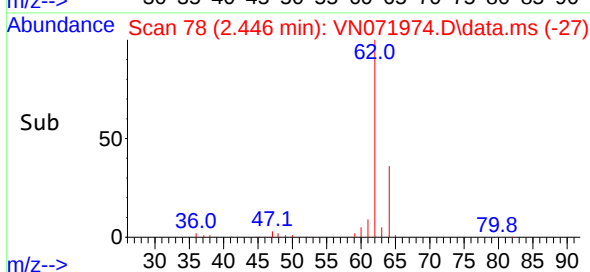
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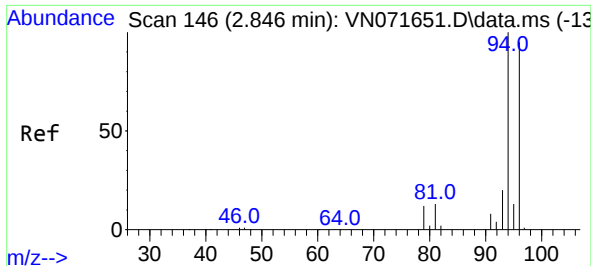


#4
Vinyl Chloride
Concen: 21.057 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



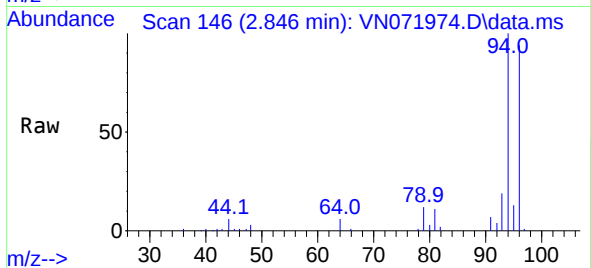
Tgt Ion: 62 Resp: 113624
Ion Ratio Lower Upper
62 100
64 34.2 25.0 37.4





#5
Bromomethane
Concen: 22.759 ug/l
RT: 2.846 min Scan# 146
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

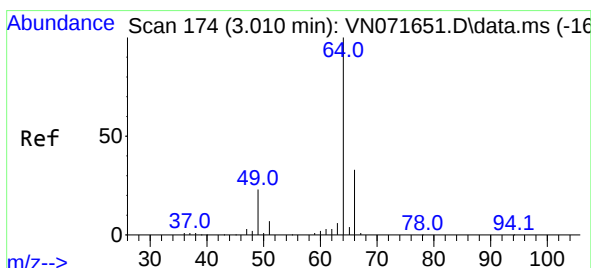
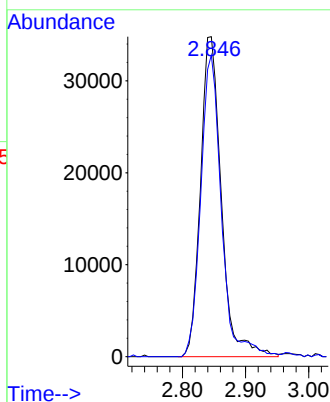
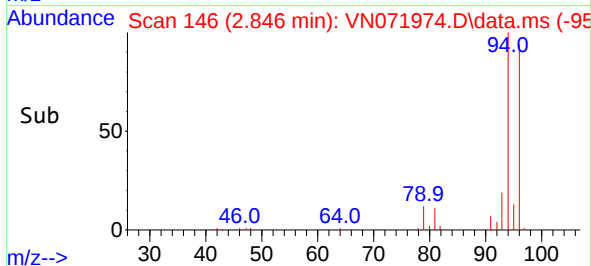
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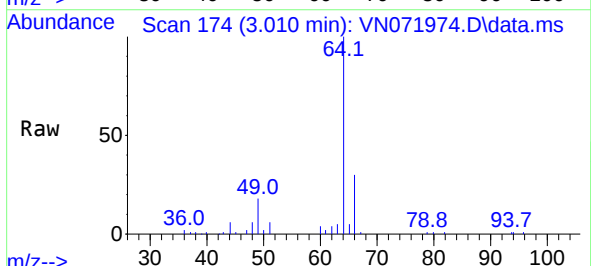
Tgt Ion: 94 Resp: 7983
Ion Ratio Lower Upper
94 100
96 94.3 76.0 114.0

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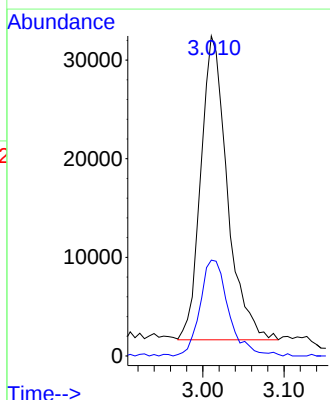
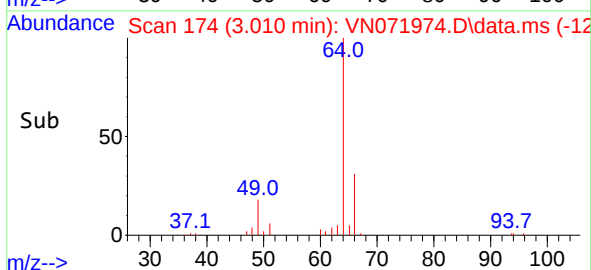
Reviewed By :John Carlone 04/14/2022
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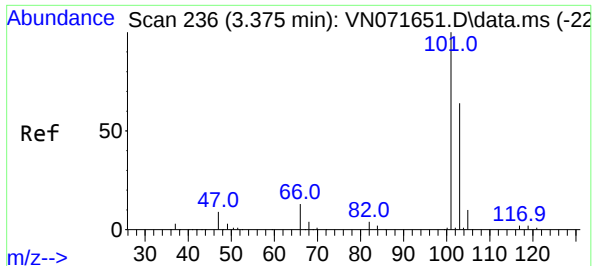


#6
Chloroethane
Concen: 17.995 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.000 min
Lab File: VN071974.D
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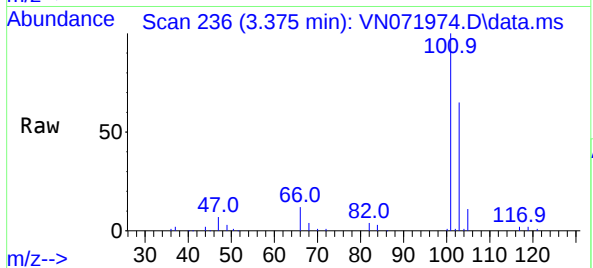
Tgt Ion: 64 Resp: 69857
Ion Ratio Lower Upper
64 100
66 31.1 26.2 39.4





#7
Trichlorofluoromethane
Concen: 22.679 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071974.D
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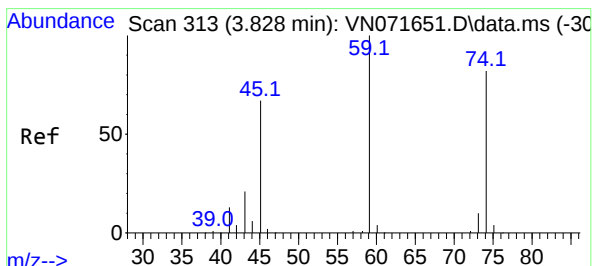
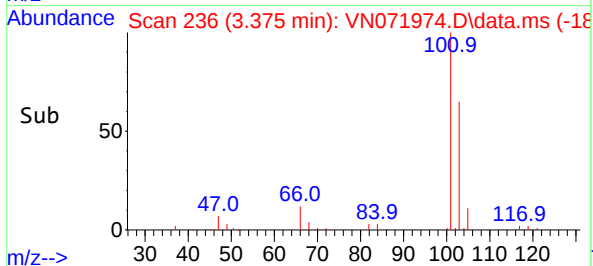
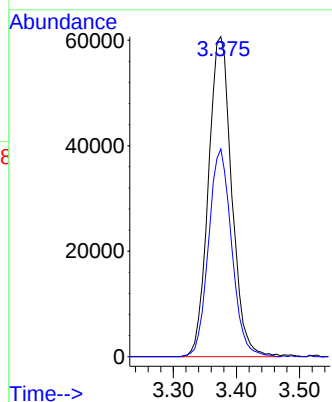
Instrument :
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Tgt Ion:101 Resp: 155699
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3

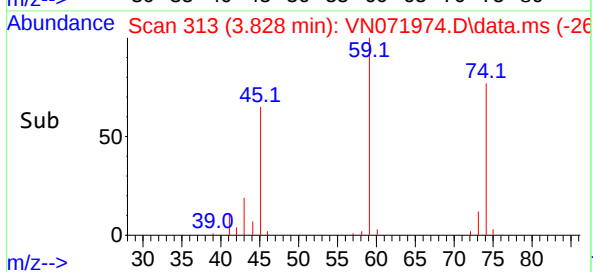
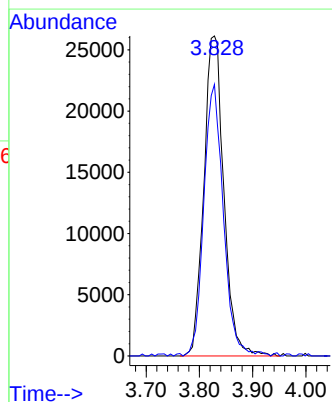
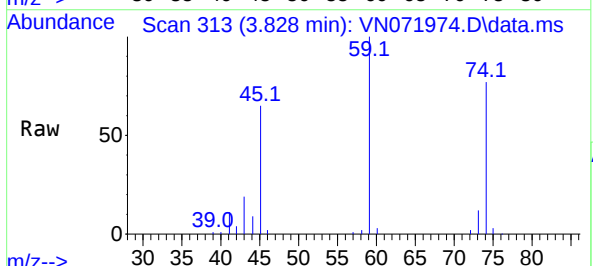
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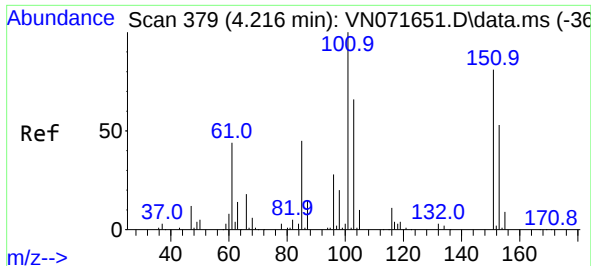
Reviewed By :John Carlone 04/14/2022
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#8
Diethyl Ether
Concen: 23.520 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 68240
Ion Ratio Lower Upper
74 100
45 82.4 42.9 128.5





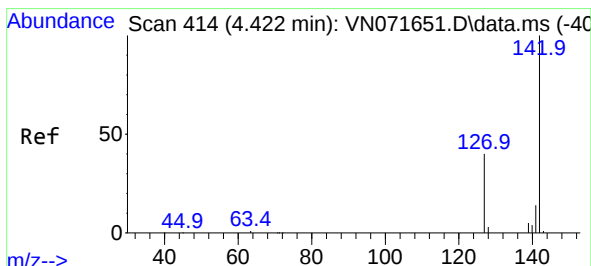
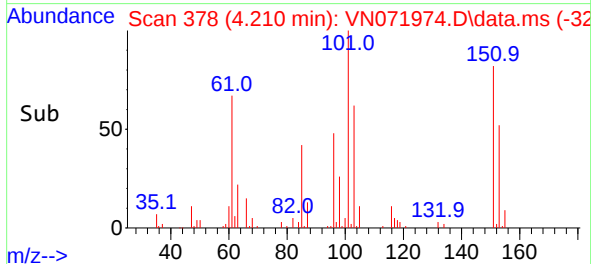
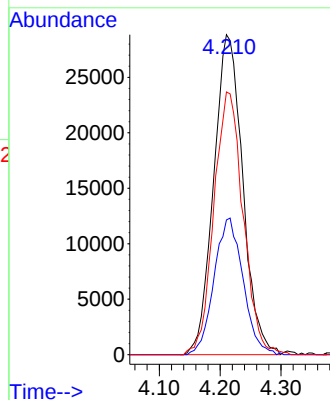
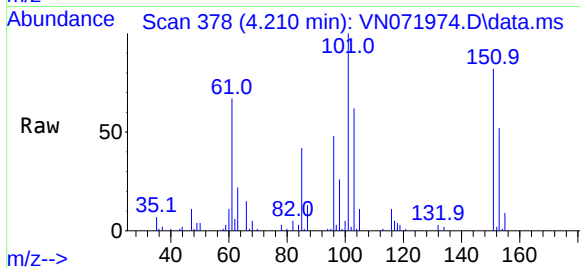
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.576 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02

Tgt Ion:101 Resp: 9551
Ion Ratio Lower Upper
101 100
85 42.5 34.7 52.1
151 82.5 63.0 94.4

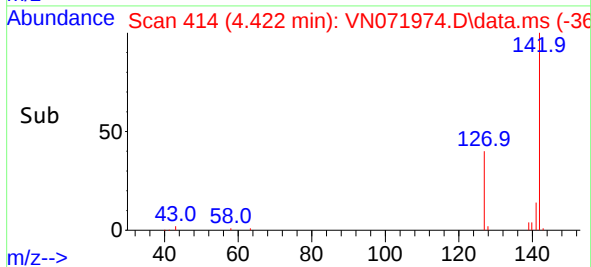
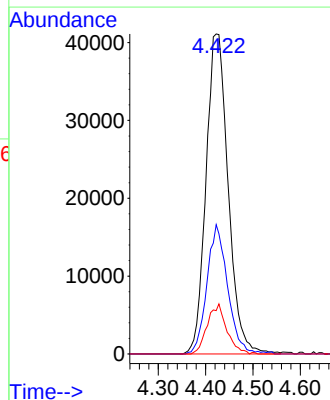
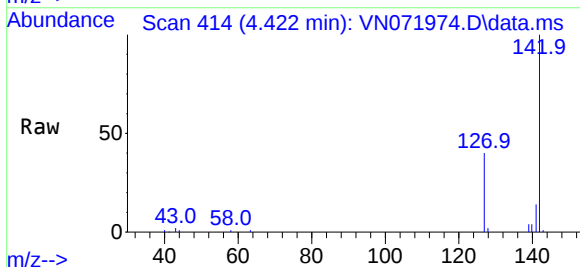
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#10
Methyl Iodide
Concen: 22.610 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

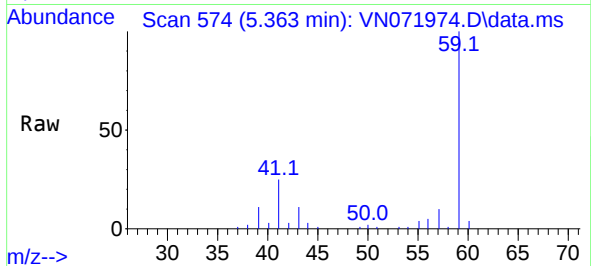
Tgt Ion:142 Resp: 133713
Ion Ratio Lower Upper
142 100
127 37.9 31.3 46.9
141 13.7 11.2 16.8





#11
Tert butyl alcohol
Concen: 104.260 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

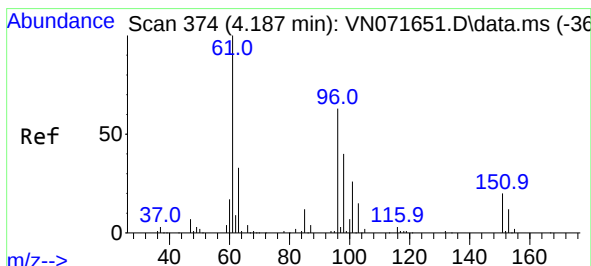
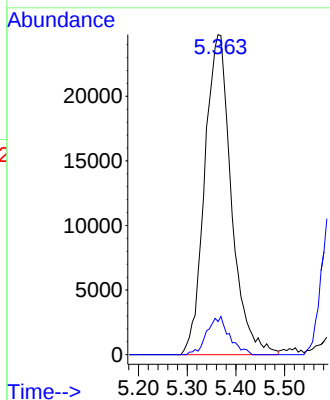
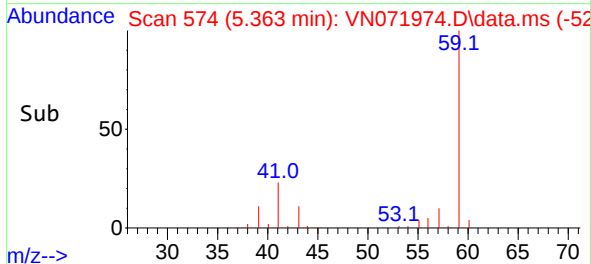
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



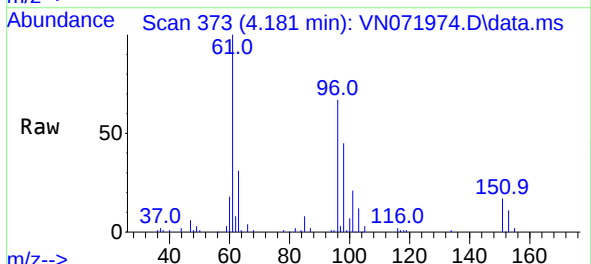
Tgt Ion: 59 Resp: 94214
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
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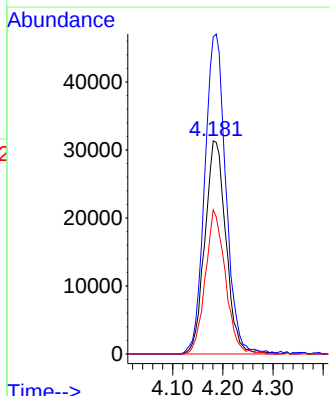
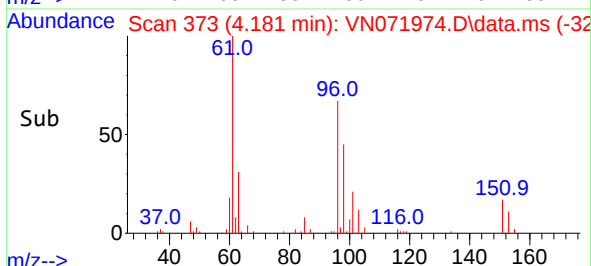
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#12
1,1-Dichloroethene
Concen: 22.756 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



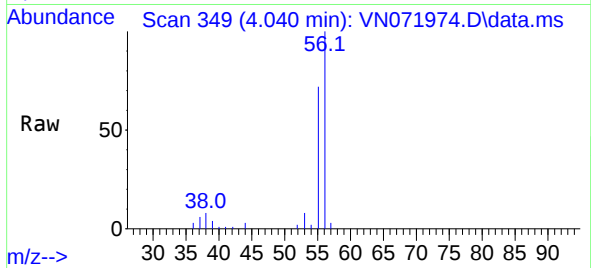
Tgt Ion: 96 Resp: 91616
Ion Ratio Lower Upper
96 100
61 148.8 127.6 191.4
98 67.7 51.2 76.8





#13
Acrolein
Concen: 62.674 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

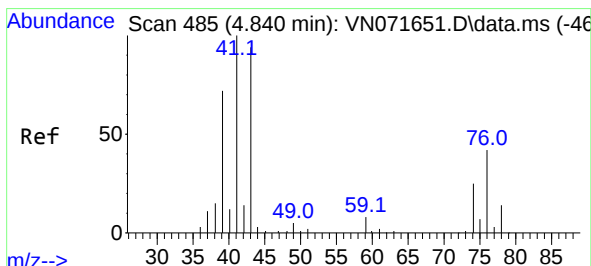
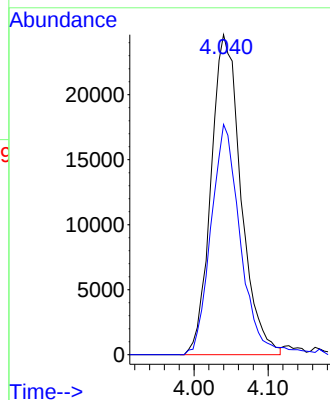
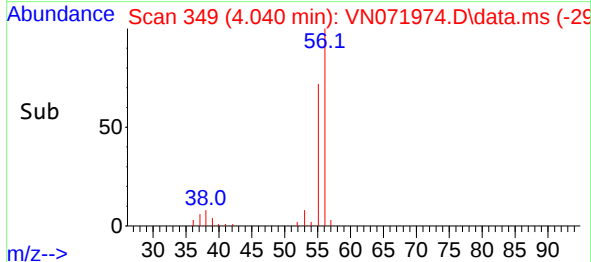
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



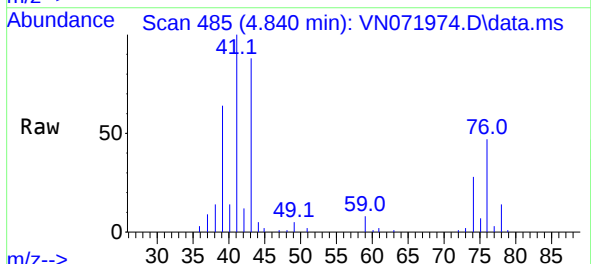
Tgt Ion: 56 Resp: 6905
Ion Ratio Lower Upper
56 100
55 71.1 54.8 82.2

Manual Integrations
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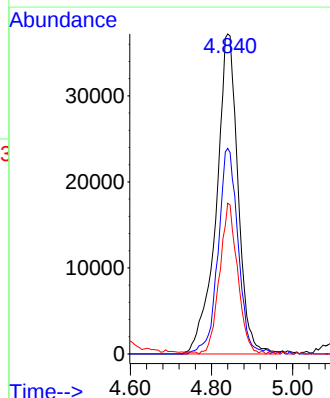
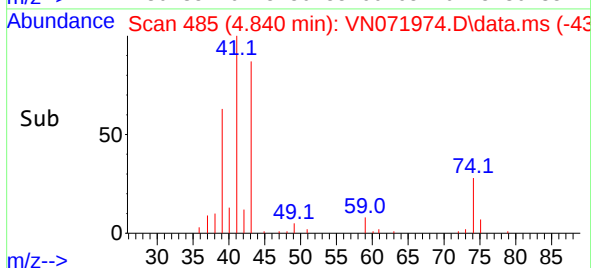
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#14
Allyl chloride
Concen: 21.247 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



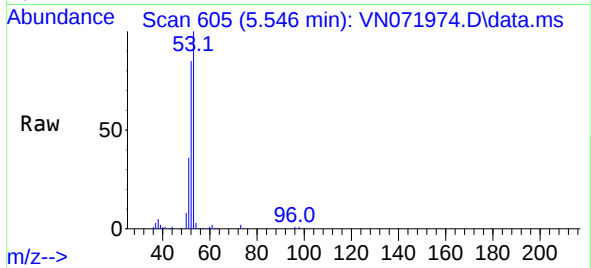
Tgt Ion: 41 Resp: 138835
Ion Ratio Lower Upper
41 100
39 58.9 53.2 79.8
76 39.0 29.9 44.9





#15
Acrylonitrile
Concen: 115.105 ug/l
RT: 5.546 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

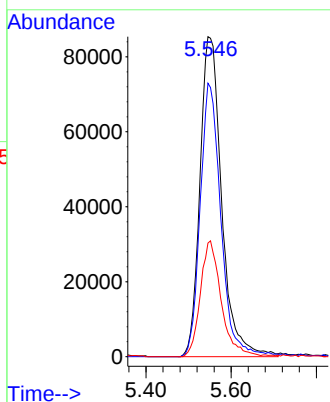
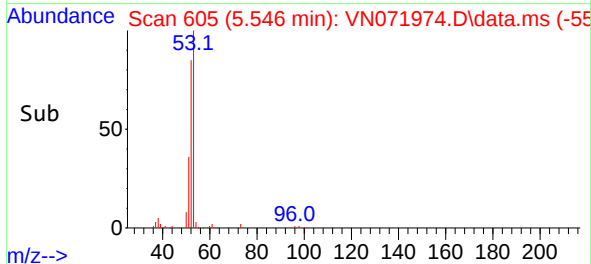
Instrument :
MSVOA_N
Client Sample Id :
VN0413WBS02



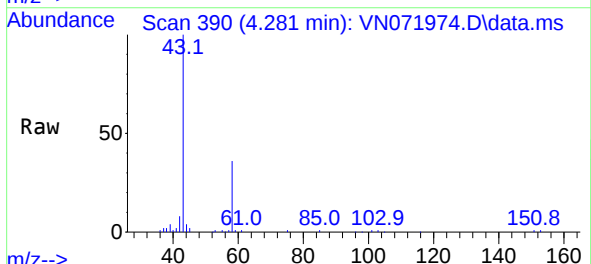
Tgt Ion: 53 Resp: 302335
Ion Ratio Lower Upper
53 100
52 81.8 66.4 99.6
51 34.7 28.5 42.7

Manual Integrations
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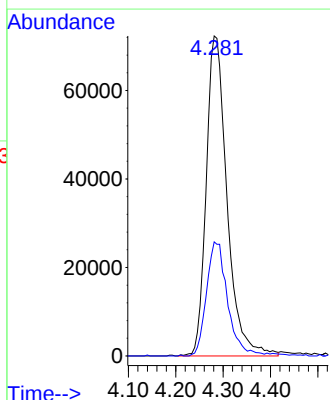
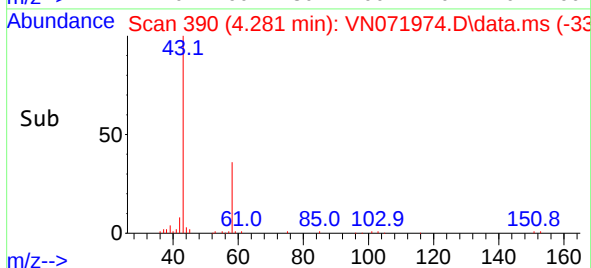
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#16
Acetone
Concen: 92.803 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



Tgt Ion: 43 Resp: 220844
Ion Ratio Lower Upper
43 100
58 35.7 26.0 39.0





#17

Carbon Disulfide

Concen: 24.373 ug/l

RT: 4.534 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN071974.D

Acq: 13 Apr 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS02

Tgt Ion: 76 Resp: 225138

Ion Ratio Lower Upper

76 100

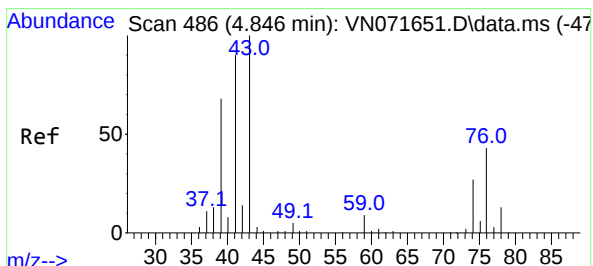
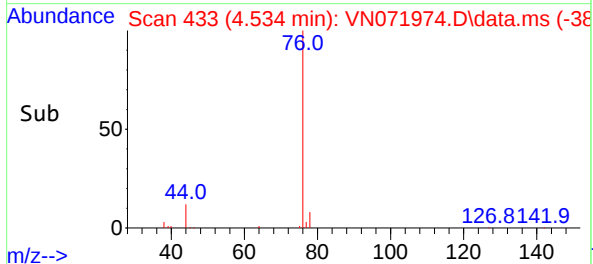
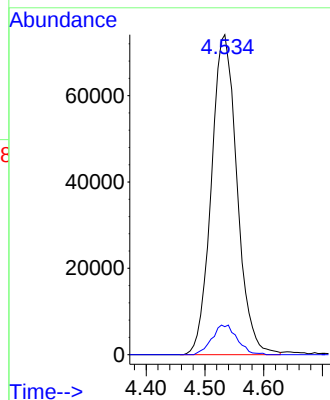
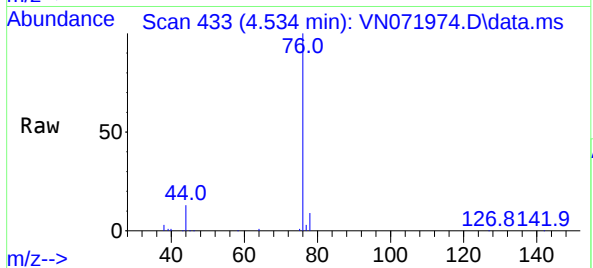
78 8.7 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#18

Methyl Acetate

Concen: 21.477 ug/l

RT: 4.851 min Scan# 487

Delta R.T. 0.005 min

Lab File: VN071974.D

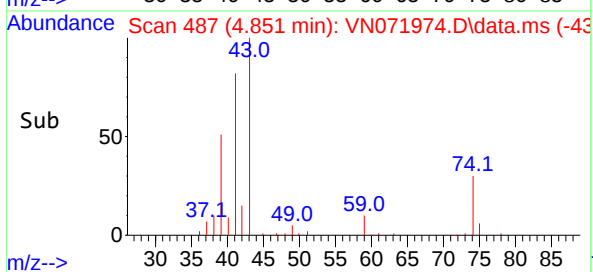
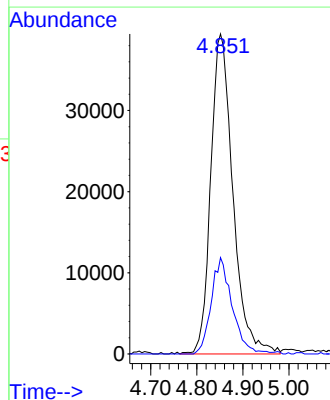
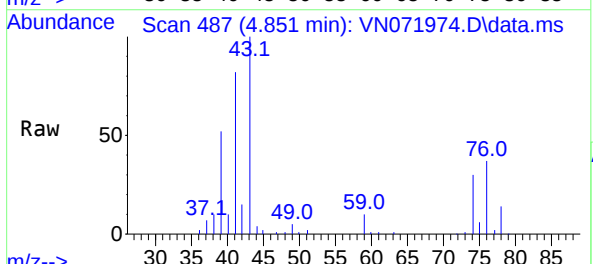
Acq: 13 Apr 2022 14:28

Tgt Ion: 43 Resp: 131652

Ion Ratio Lower Upper

43 100

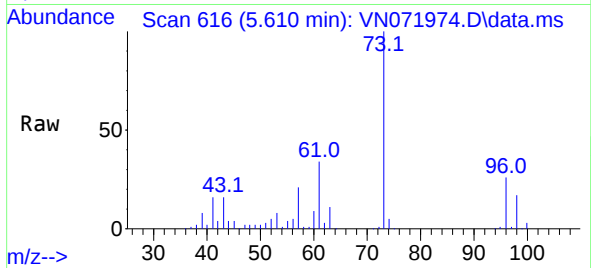
74 28.5 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 22.483 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

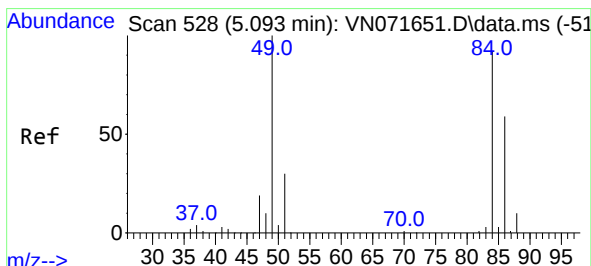
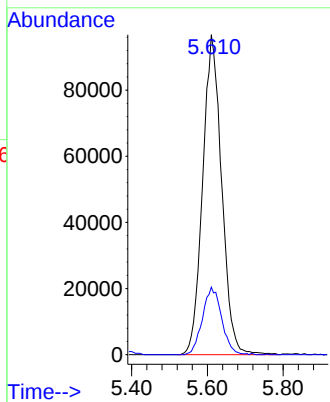
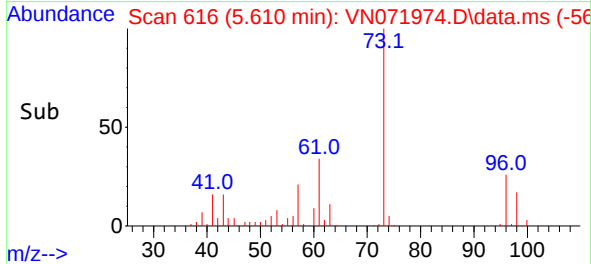
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



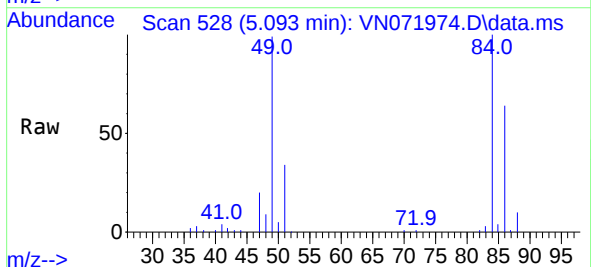
Tgt Ion: 73 Resp: 336269
Ion Ratio Lower Upper
73 100
57 21.1 17.6 26.4

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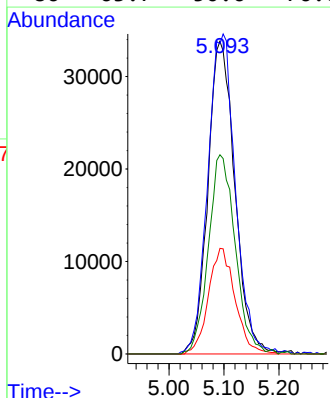
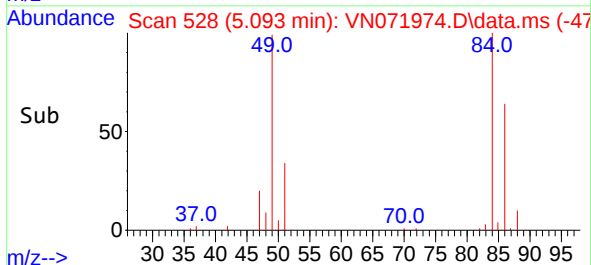
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#20
Methylene Chloride
Concen: 22.883 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



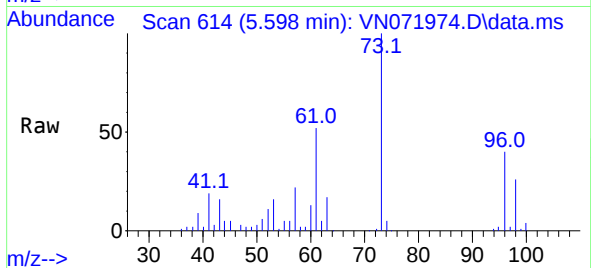
Tgt Ion: 84 Resp: 114779
Ion Ratio Lower Upper
84 100
49 99.2 88.3 132.5
51 33.8 28.2 42.2
86 63.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 22.519 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

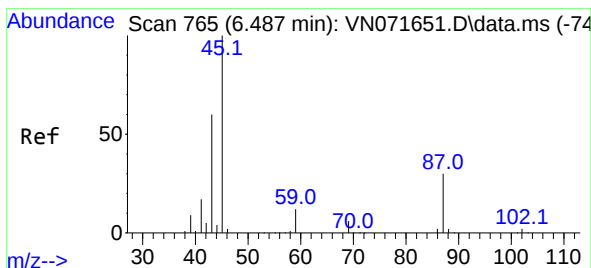
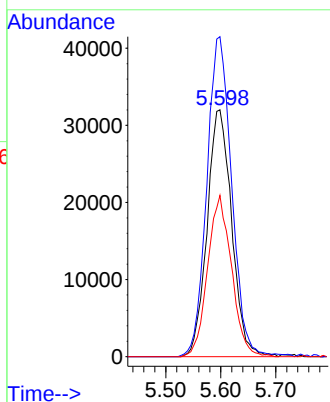
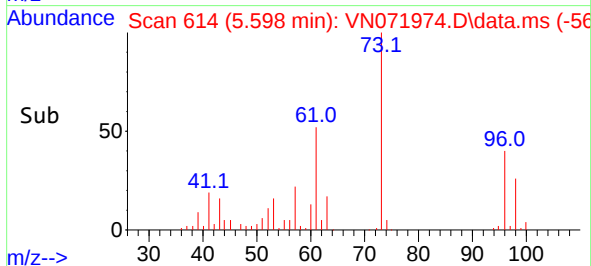
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



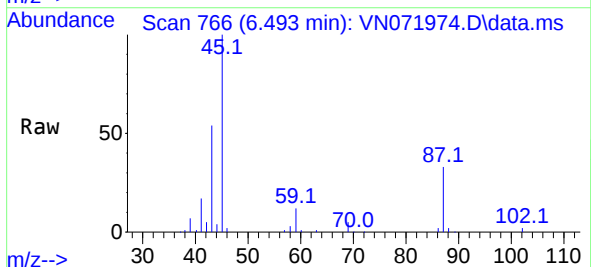
Tgt Ion: 96 Resp: 9952
Ion Ratio Lower Upper
96 100
61 129.6 105.8 158.8
98 65.3 50.3 75.5

Manual Integrations
APPROVED

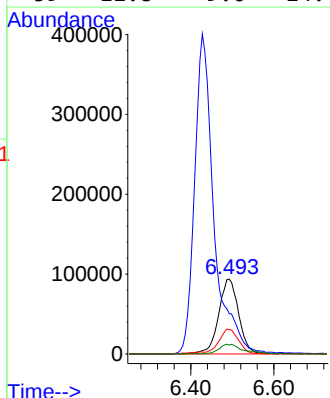
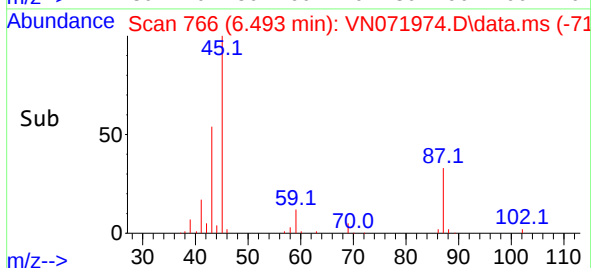
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

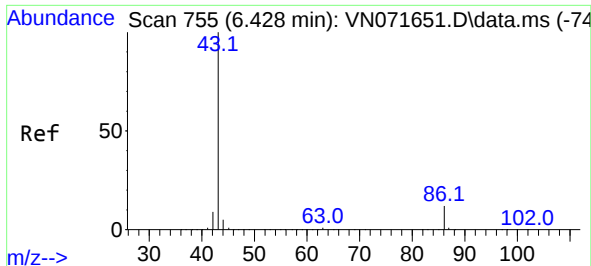


#22
Diisopropyl ether
Concen: 22.090 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



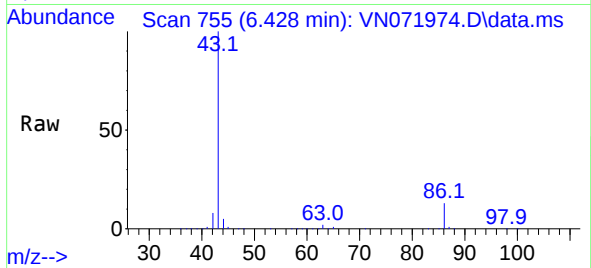
Tgt Ion: 45 Resp: 314248
Ion Ratio Lower Upper
45 100
43 52.2 46.6 70.0
87 32.4 24.3 36.5
59 11.8 9.6 14.4





#23
 Vinyl Acetate
 Concen: 114.255 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071974.D
 Acq: 13 Apr 2022 14:28

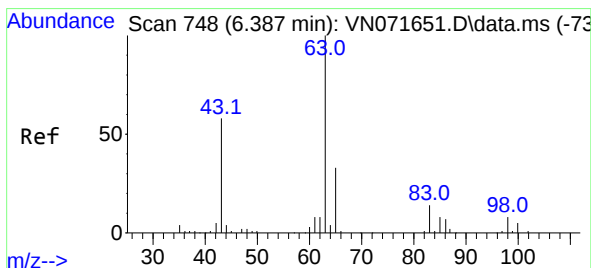
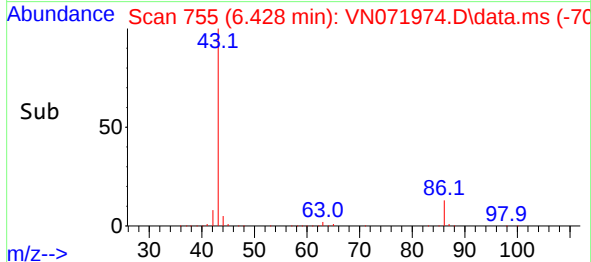
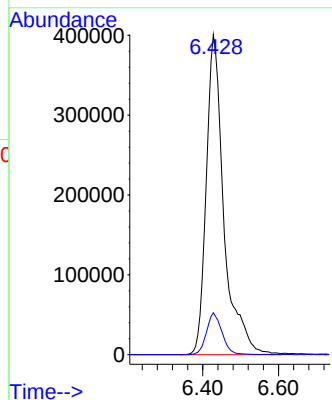
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBS02



Tgt Ion: 43 Resp: 1292499
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.0 15.0

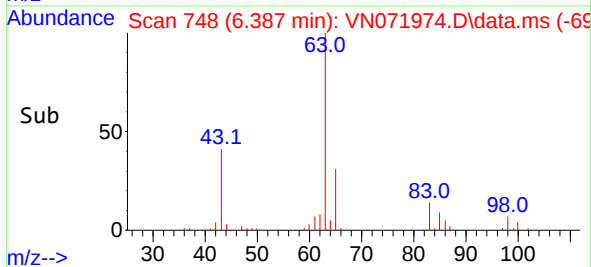
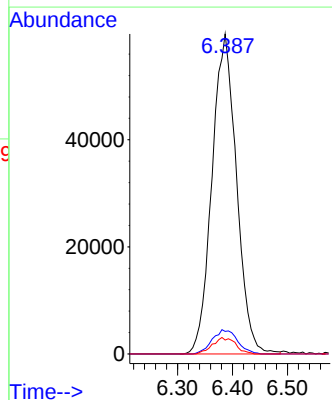
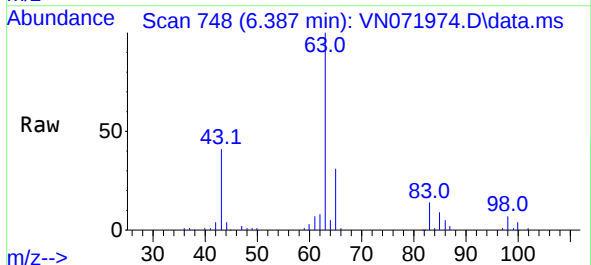
Manual Integrations
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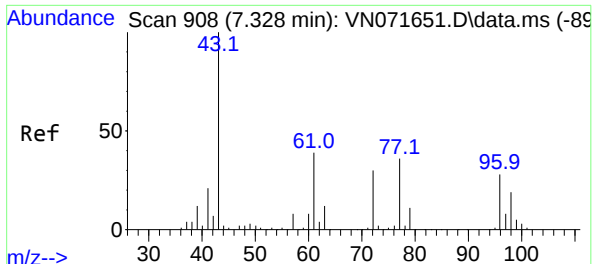
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022



#24
 1,1-Dichloroethane
 Concen: 22.214 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071974.D
 Acq: 13 Apr 2022 14:28

Tgt Ion: 63 Resp: 185510
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 105.790 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN071974.D

Acq: 13 Apr 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS02

Tgt Ion: 43 Resp: 362920

Ion Ratio Lower Upper

43 100

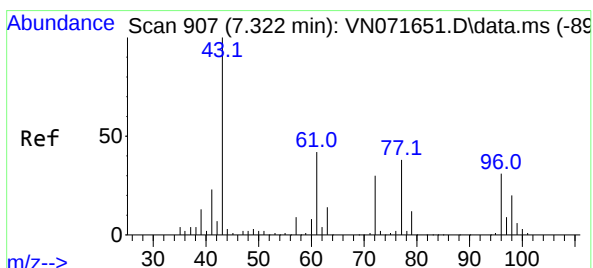
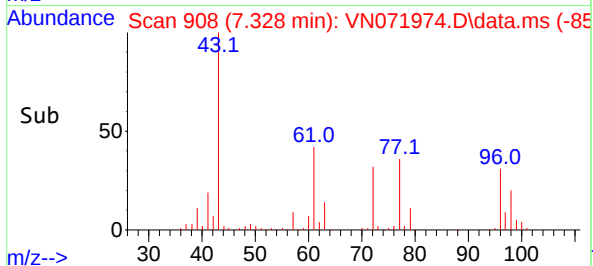
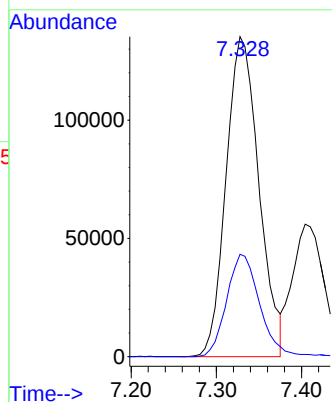
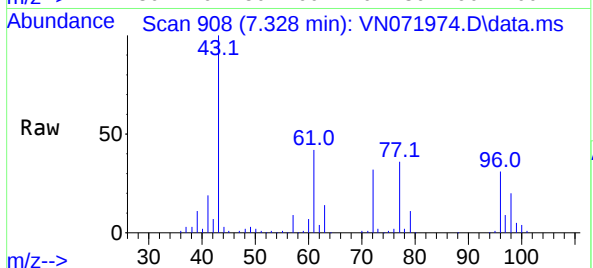
72 32.0 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#26

2,2-Dichloropropane

Concen: 20.669 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071974.D

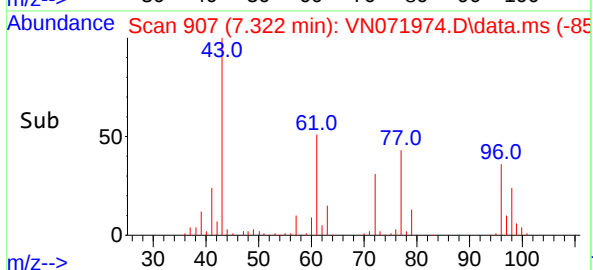
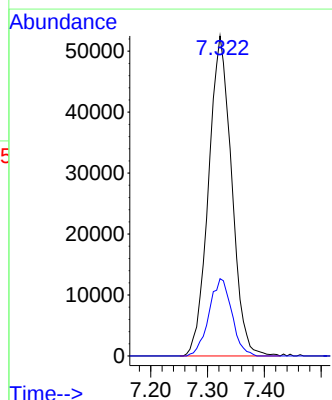
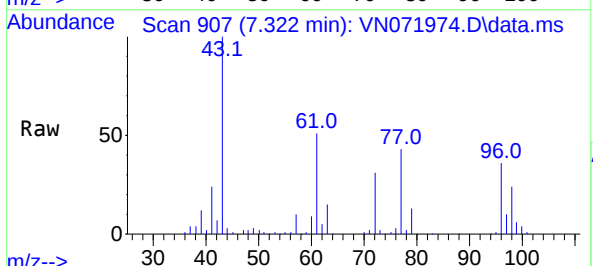
Acq: 13 Apr 2022 14:28

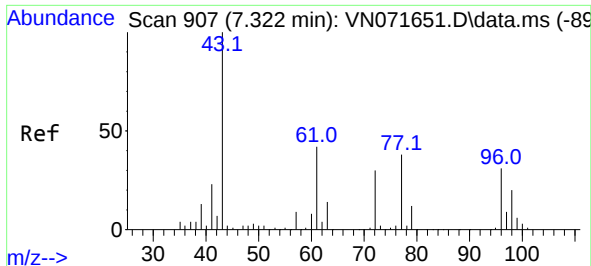
Tgt Ion: 77 Resp: 148282

Ion Ratio Lower Upper

77 100

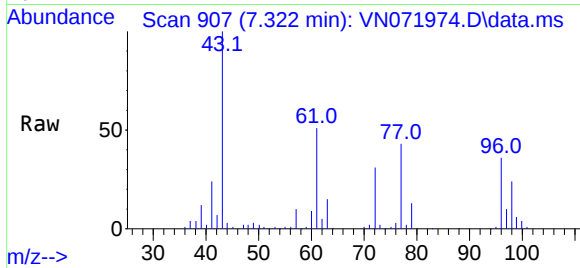
97 23.8 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 22.550 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN071974.D
 Acq: 13 Apr 2022 14:28

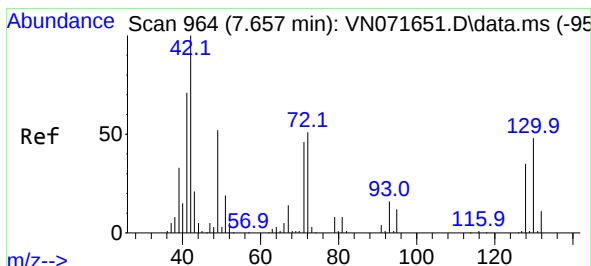
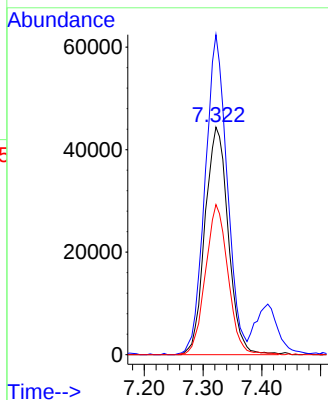
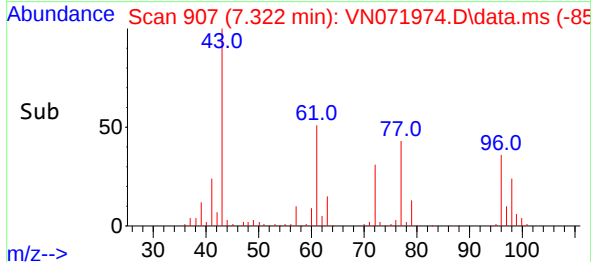
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBS02



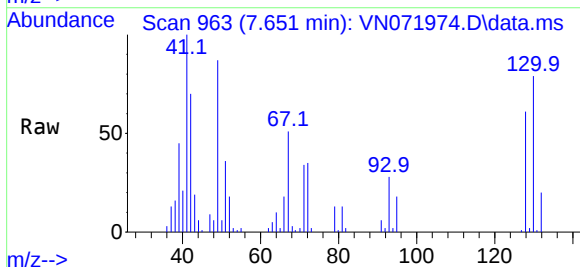
Tgt Ion: 96 Resp: 12221
 Ion Ratio Lower Upper
 96 100
 61 133.5 0.0 280.6
 98 64.1 0.0 128.4

Manual Integrations
 APPROVED

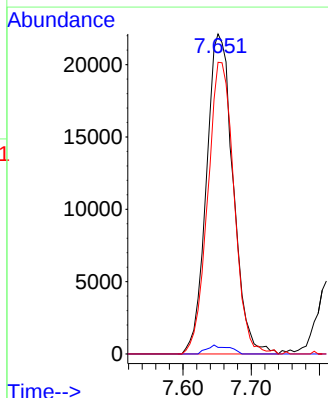
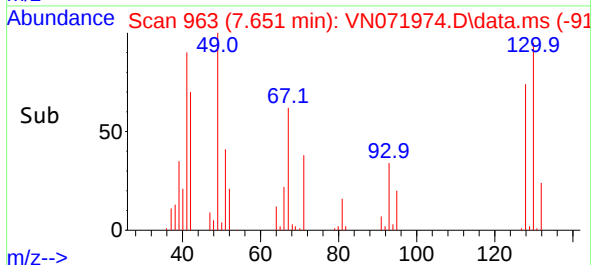
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022

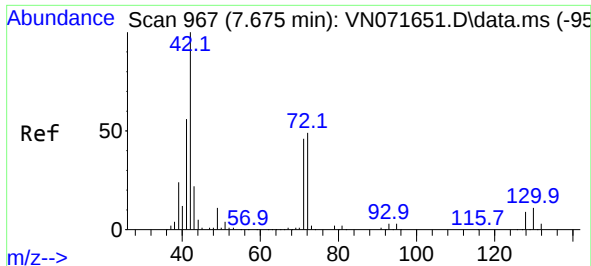


#28
 Bromochloromethane
 Concen: 17.876 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN071974.D
 Acq: 13 Apr 2022 14:28



Tgt Ion: 49 Resp: 60221
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 89.8 69.7 104.5





#29

Tetrahydrofuran

Concen: 112.598 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN071974.D

Acq: 13 Apr 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS02

Tgt Ion: 42 Resp: 25012

Ion Ratio Lower Upper

42 100

72 51.2 39.7 59.5

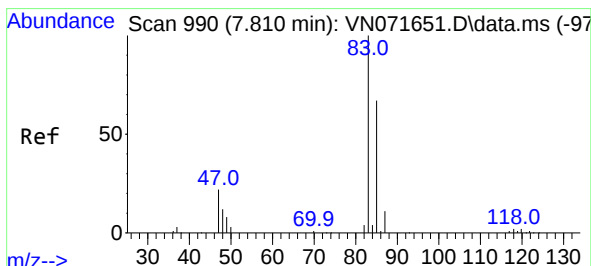
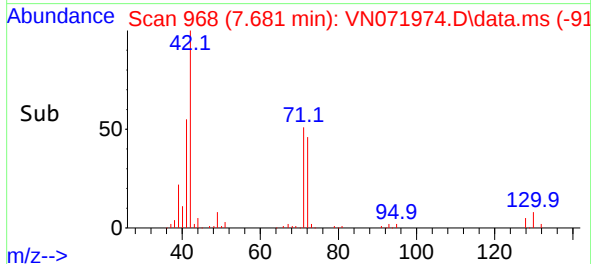
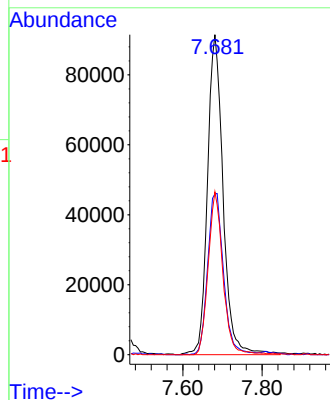
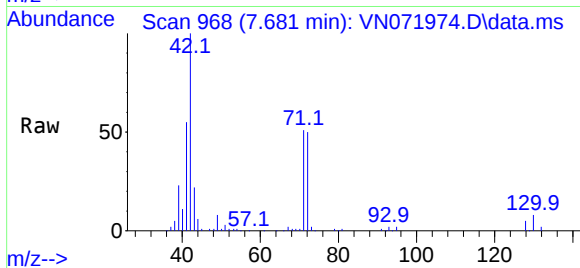
71 47.8 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#30

Chloroform

Concen: 21.967 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN071974.D

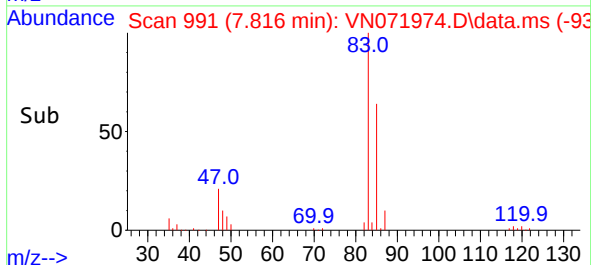
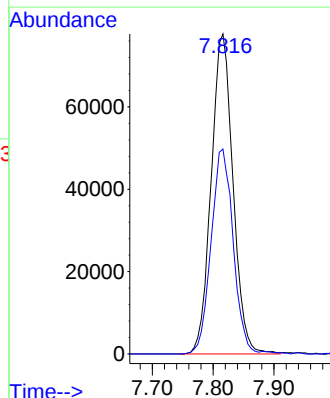
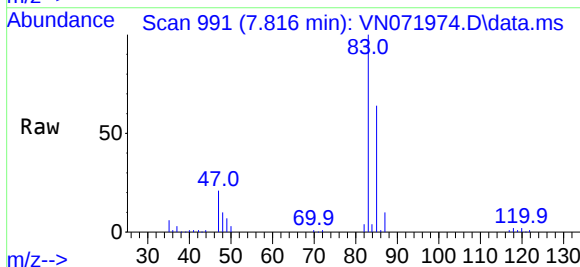
Acq: 13 Apr 2022 14:28

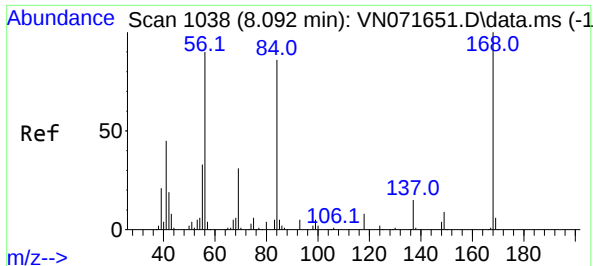
Tgt Ion: 83 Resp: 193710

Ion Ratio Lower Upper

83 100

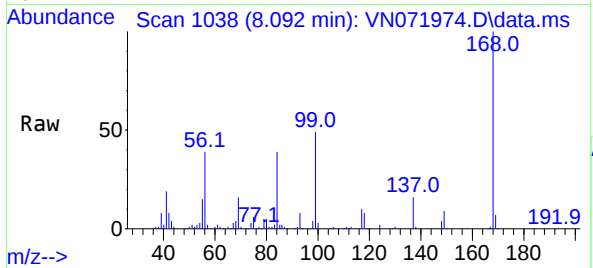
85 64.1 51.8 77.8





#31
Cyclohexane
Concen: 22.320 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

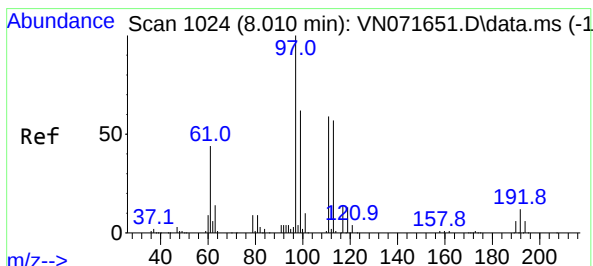
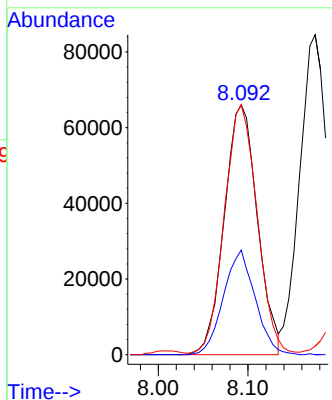
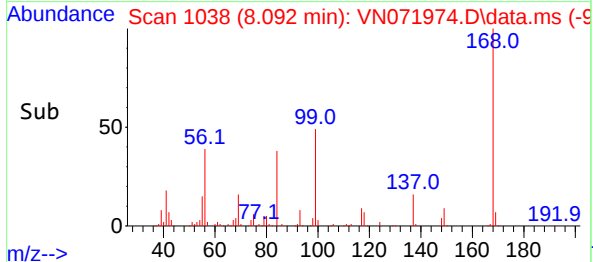
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



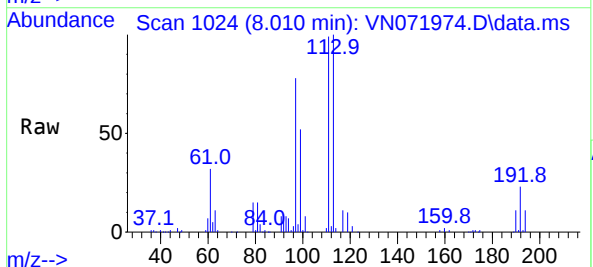
Tgt Ion: 56 Resp: 169019
Ion Ratio Lower Upper
56 100
69 41.9 27.8 41.8
84 98.8 76.9 115.3

Manual Integrations
APPROVED

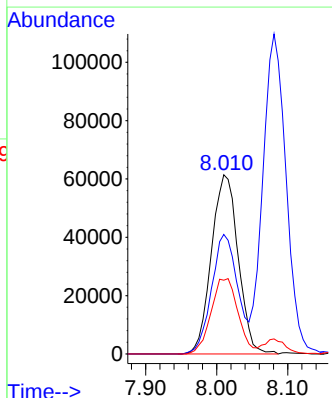
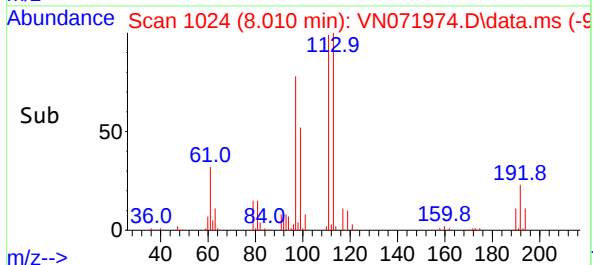
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#32
1,1,1-Trichloroethane
Concen: 21.266 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



Tgt Ion: 97 Resp: 160428
Ion Ratio Lower Upper
97 100
99 65.9 50.6 76.0
61 42.7 36.0 54.0





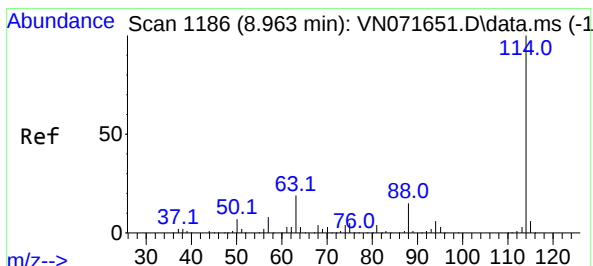
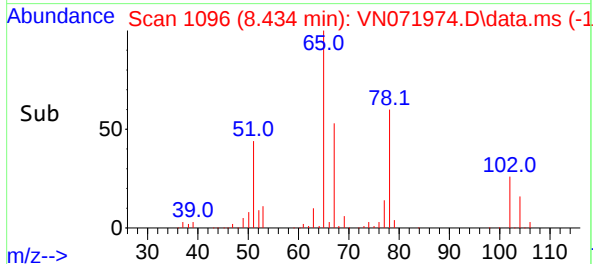
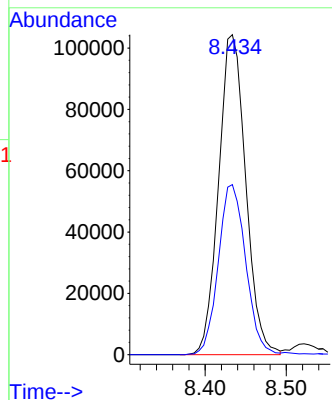
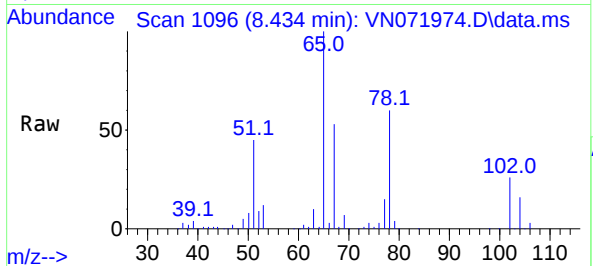
#33
1,2-Dichloroethane-d4
Concen: 43.513 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02

Tgt Ion: 65 Resp: 242290
Ion Ratio Lower Upper
65 100
67 54.0 0.0 104.8

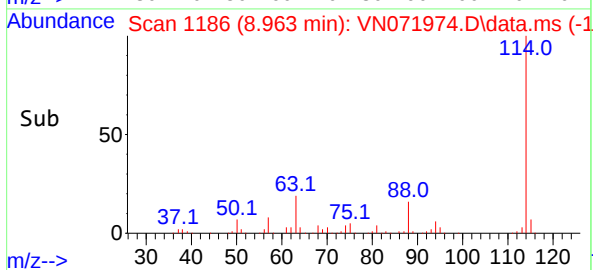
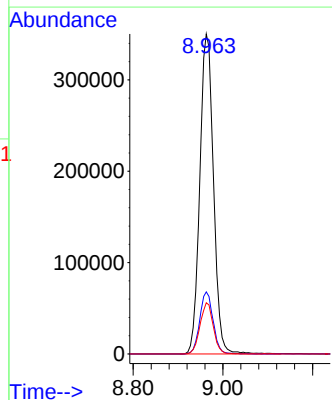
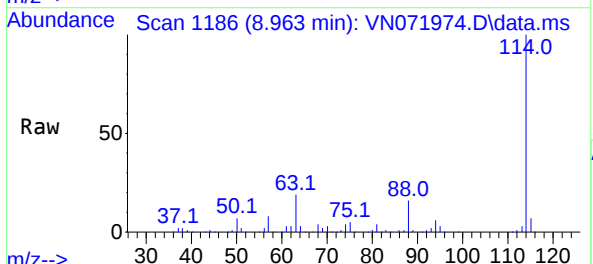
Manual Integrations
APPROVED

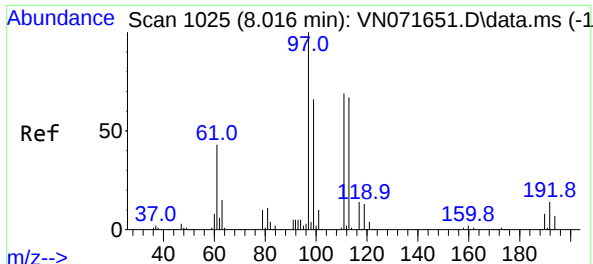
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

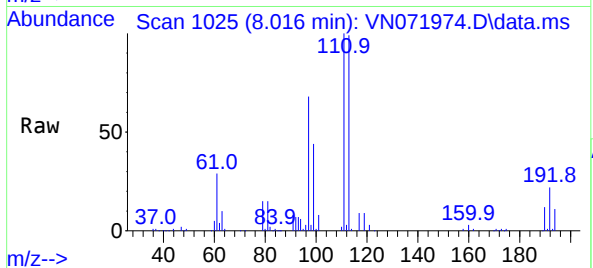
Tgt Ion:114 Resp: 741846
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.0
88 16.0 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.631 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

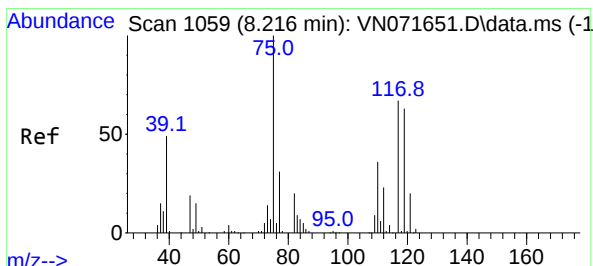
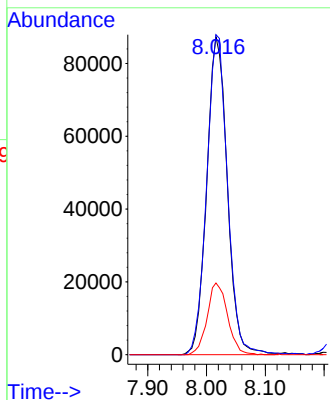
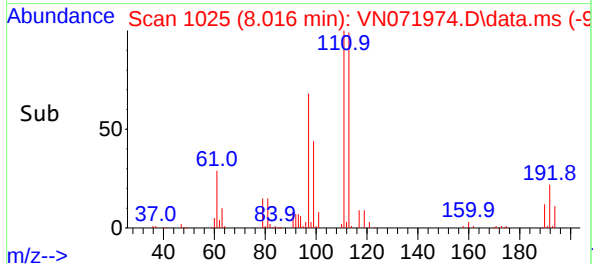
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



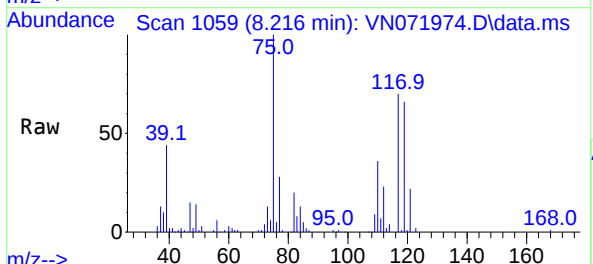
Tgt Ion:113 Resp: 21229
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 22.4 17.0 25.6

Manual Integrations
APPROVED

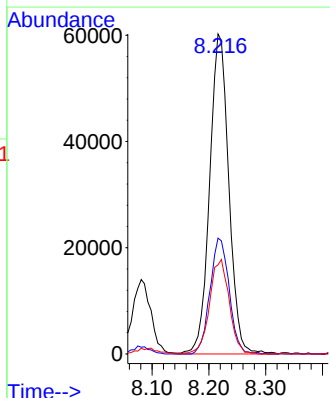
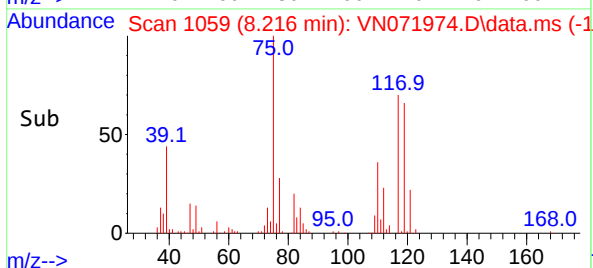
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

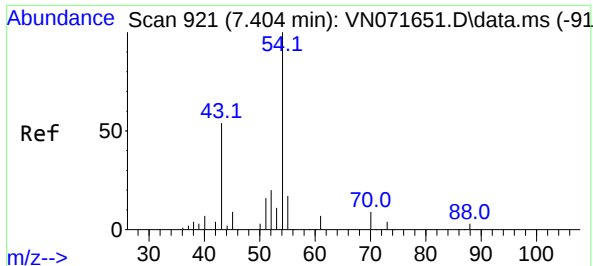


#36
1,1-Dichloropropene
Concen: 23.131 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



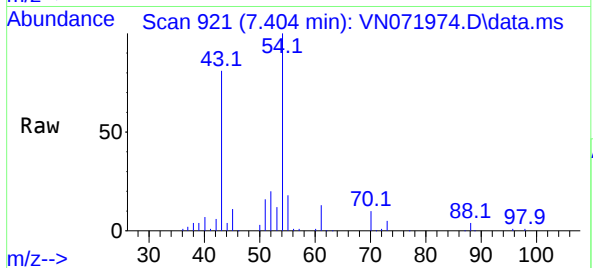
Tgt Ion: 75 Resp: 141005
Ion Ratio Lower Upper
75 100
110 36.3 18.3 54.8
77 30.3 25.1 37.7





#37
Ethyl Acetate
Concen: 22.721 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

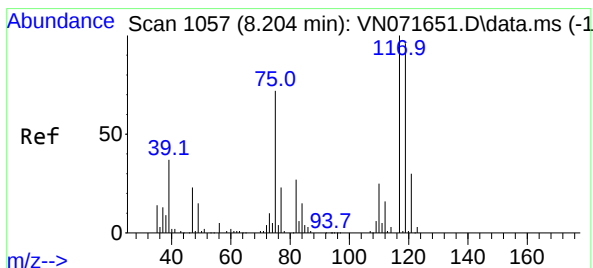
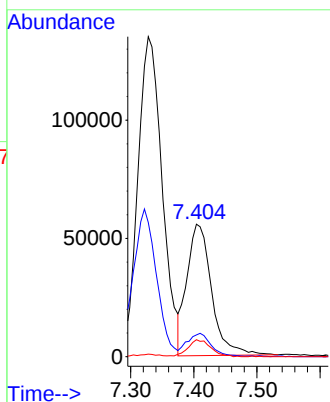
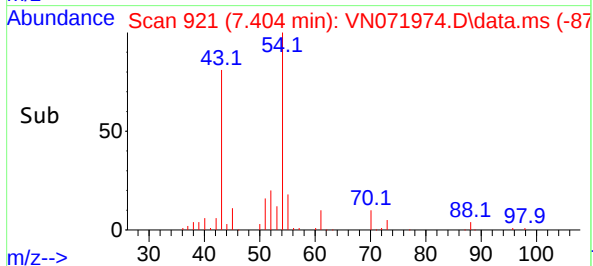
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



Tgt Ion: 43 Resp: 15160
Ion Ratio Lower Upper
43 100
61 16.8 11.8 17.6
70 12.0 9.3 13.9

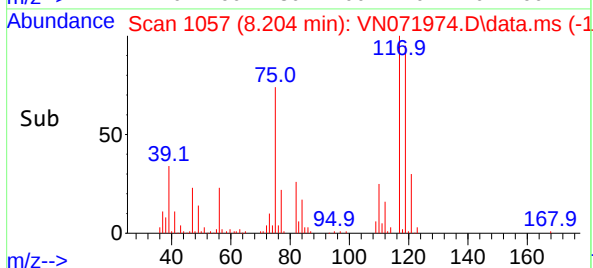
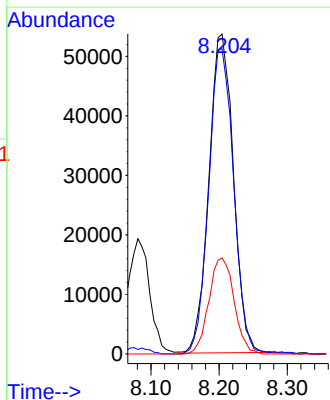
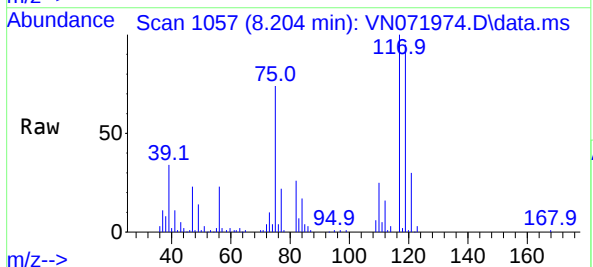
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#38
Carbon Tetrachloride
Concen: 22.423 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

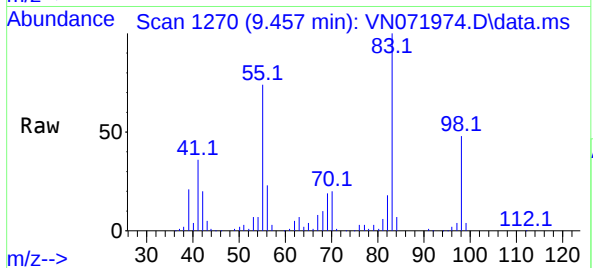
Tgt Ion:117 Resp: 133966
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
121 30.2 24.6 37.0





#39
Methylcyclohexane
Concen: 24.161 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

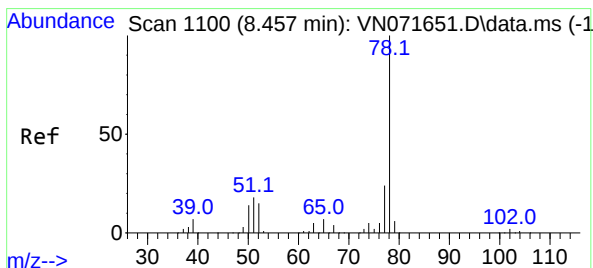
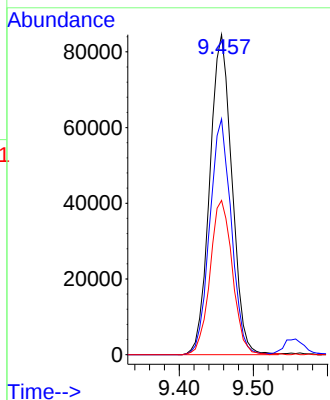
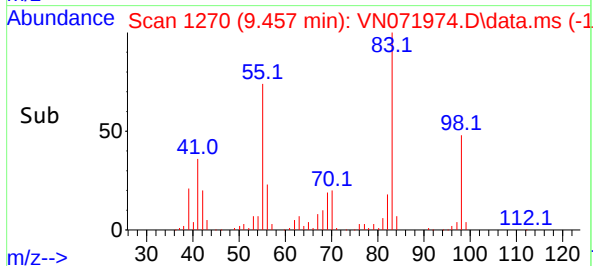
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



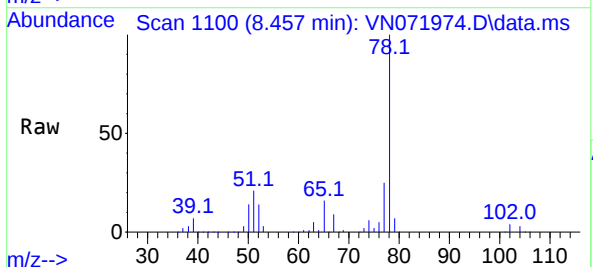
Tgt Ion: 83 Resp: 17532
Ion Ratio Lower Upper
83 100
55 73.7 57.8 86.8
98 48.2 39.4 59.2

Manual Integrations
APPROVED

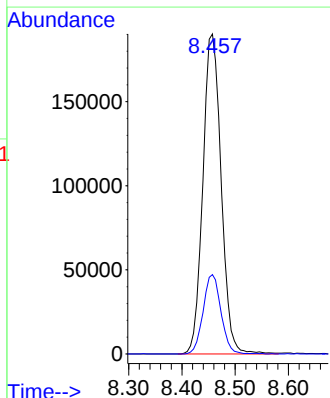
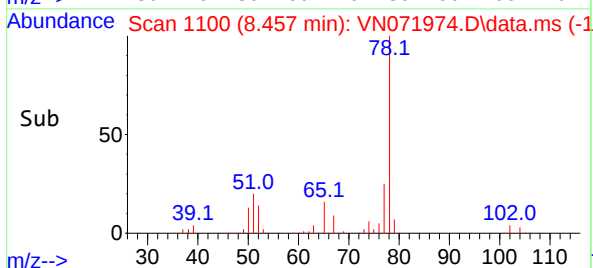
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#40
Benzene
Concen: 23.547 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



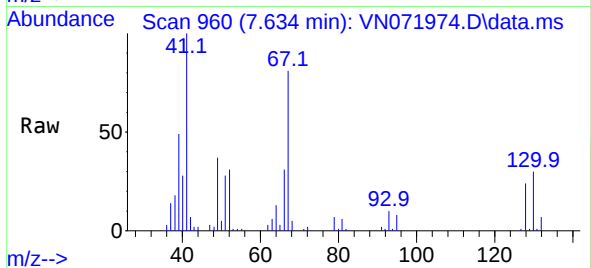
Tgt Ion: 78 Resp: 453456
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0





#41
Methacrylonitrile
Concen: 20.486 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

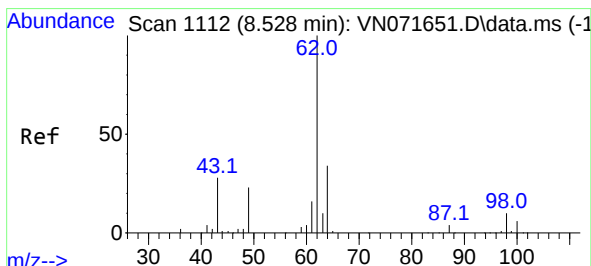
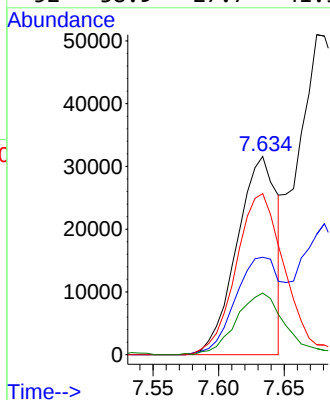
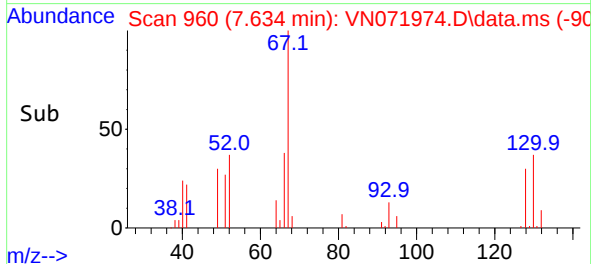
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



Tgt Ion: 41 Resp: 66929
Ion Ratio Lower Upper
41 100
39 57.7 48.6 73.0
67 101.8 73.4 110.2
52 38.9 27.7 41.5

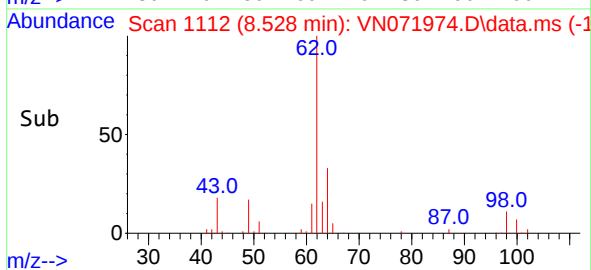
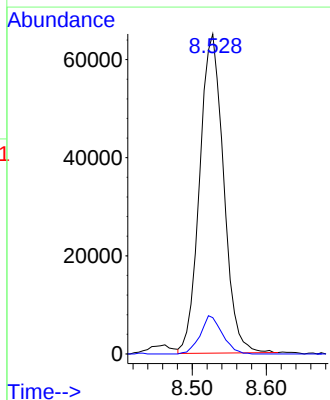
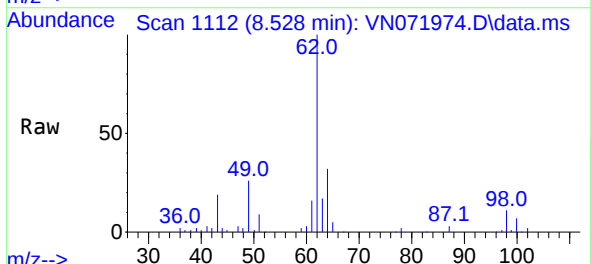
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#42
1,2-Dichloroethane
Concen: 21.932 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

Tgt Ion: 62 Resp: 146101
Ion Ratio Lower Upper
62 100
98 11.0 0.0 19.4





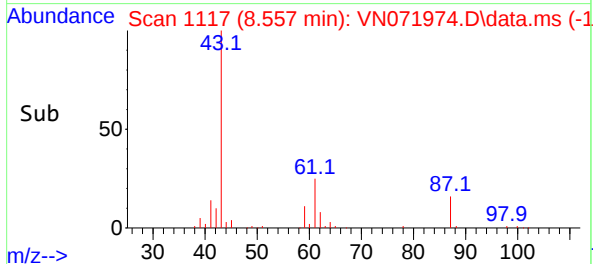
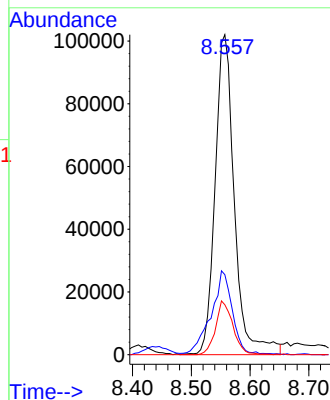
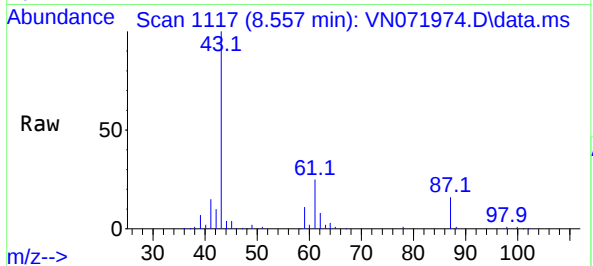
#43
Isopropyl Acetate
Concen: 21.037 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02

Tgt Ion: 43 Resp: 233460
Ion Ratio Lower Upper
43 100
61 29.1 21.9 32.9
87 15.1 12.0 18.0

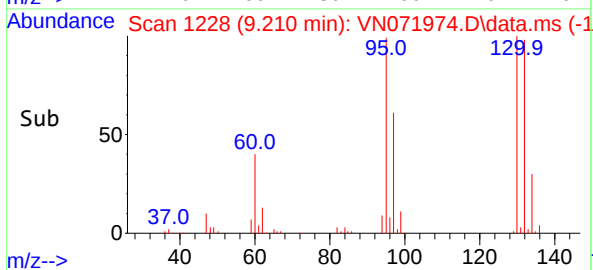
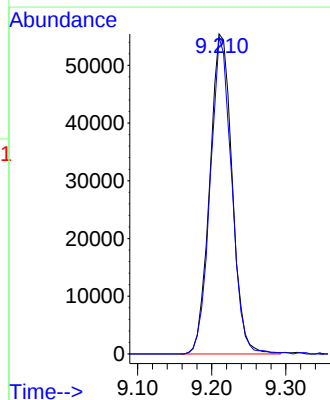
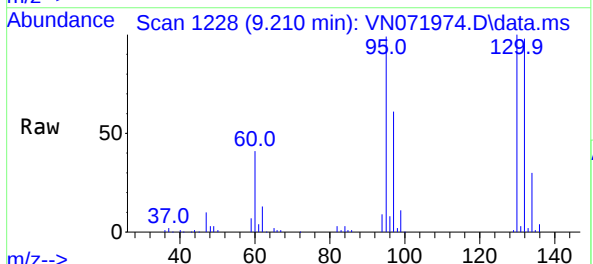
Manual Integrations
APPROVED

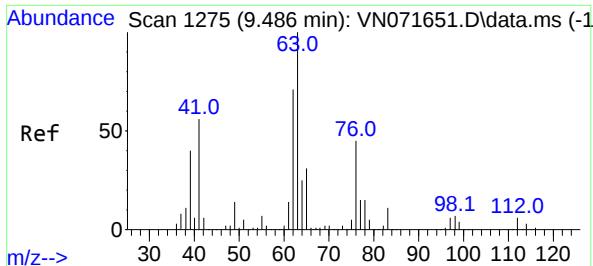
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#44
Trichloroethene
Concen: 23.384 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

Tgt Ion:130 Resp: 116014
Ion Ratio Lower Upper
130 100
95 98.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 23.400 ug/l

RT: 9.486 min Scan# 11257

Delta R.T. 0.000 min

Lab File: VN071974.D

Acq: 13 Apr 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS02

Tgt Ion: 63 Resp: 11257

Ion Ratio Lower Upper

63 100

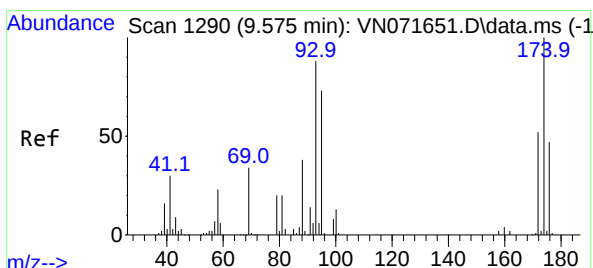
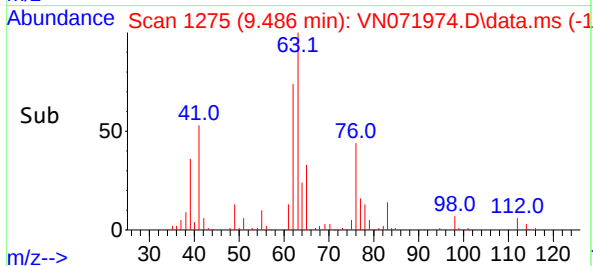
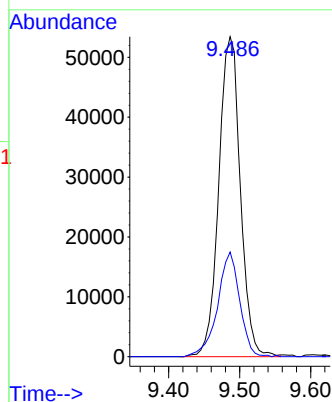
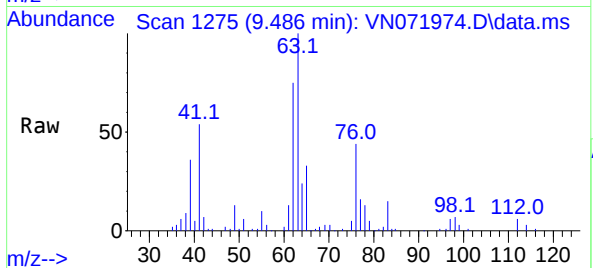
65 32.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#46

Dibromomethane

Concen: 23.743 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071974.D

Acq: 13 Apr 2022 14:28

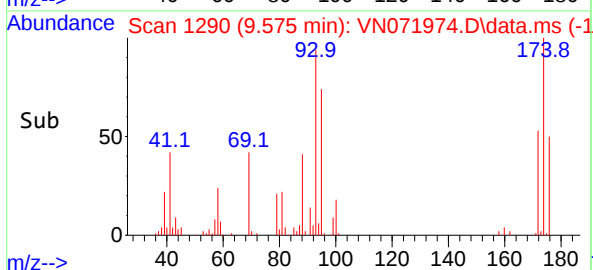
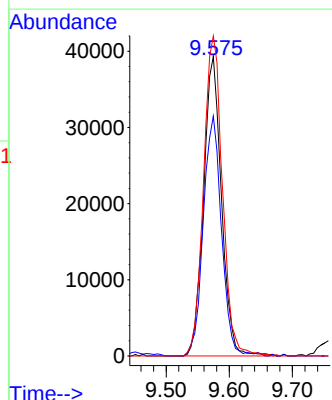
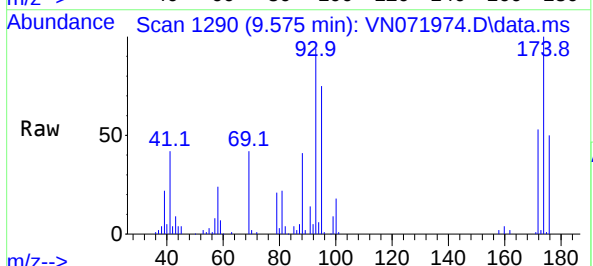
Tgt Ion: 93 Resp: 77554

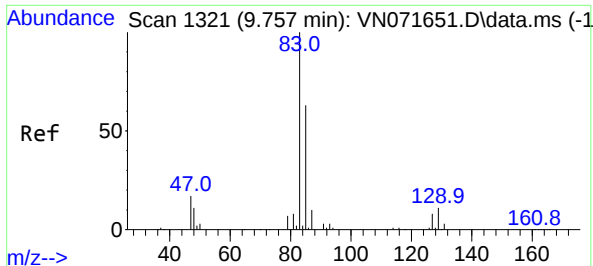
Ion Ratio Lower Upper

93 100

95 81.5 66.9 100.3

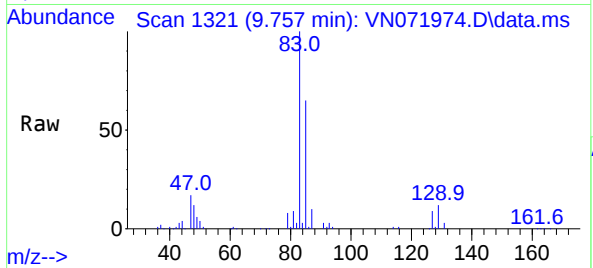
174 113.0 86.6 130.0





#47
Bromodichloromethane
Concen: 23.456 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

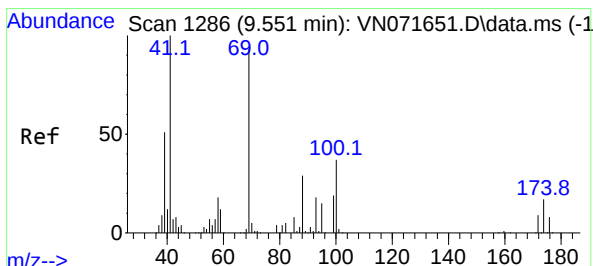
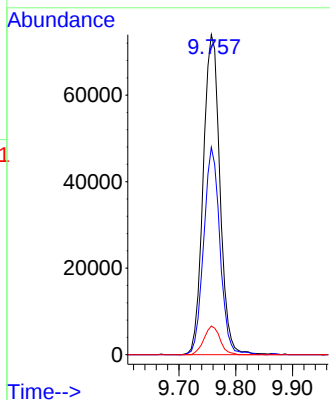
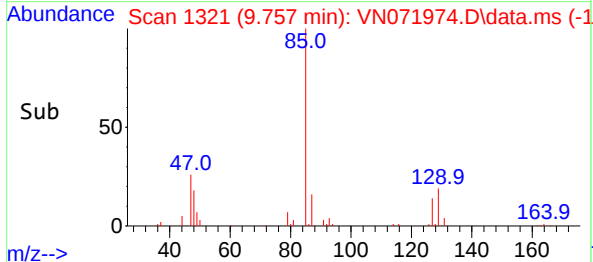
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



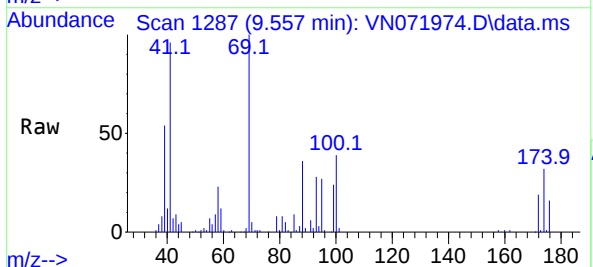
Tgt Ion: 83 Resp: 150810
Ion Ratio Lower Upper
83 100
85 64.8 50.5 75.7
127 9.0 6.8 10.2

Manual Integrations
APPROVED

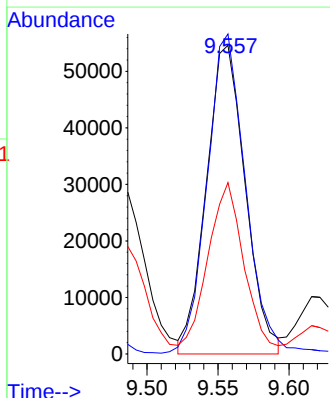
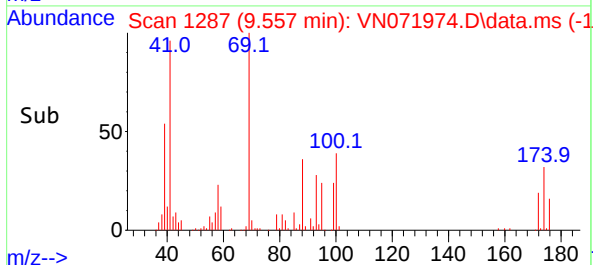
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

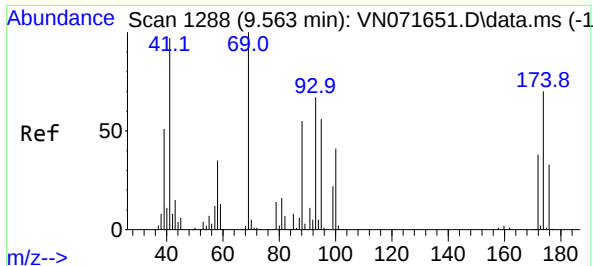


#48
Methyl methacrylate
Concen: 22.610 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



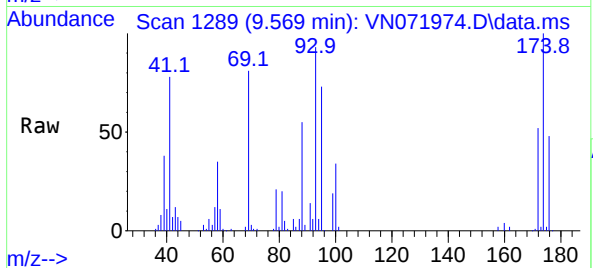
Tgt Ion: 41 Resp: 104106
Ion Ratio Lower Upper
41 100
69 102.2 74.7 112.1
39 52.3 45.6 68.4





#49
1,4-Dioxane
Concen: 443.092 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

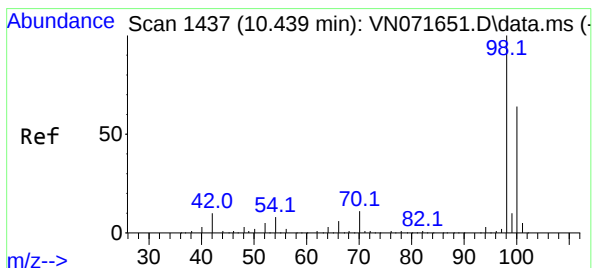
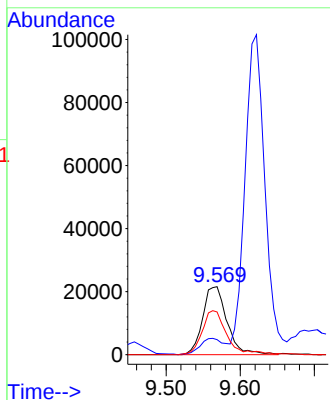
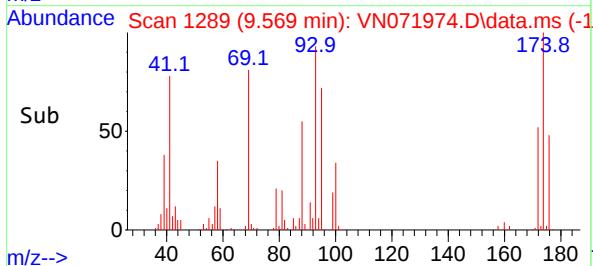
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



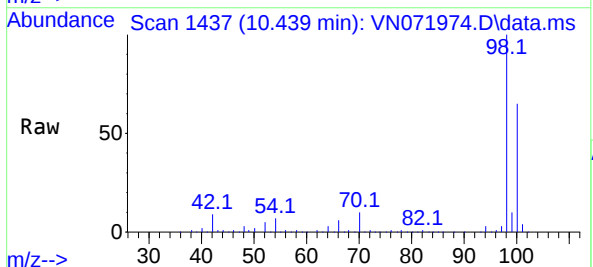
Tgt Ion: 88 Resp: 4924
Ion Ratio Lower Upper
88 100
43 22.9 20.2 30.4
58 66.4 54.2 81.4

Manual Integrations
APPROVED

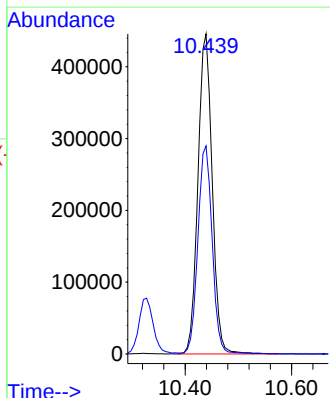
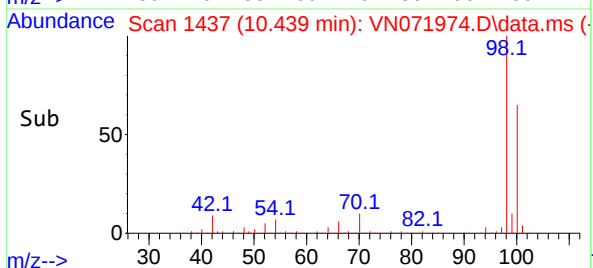
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

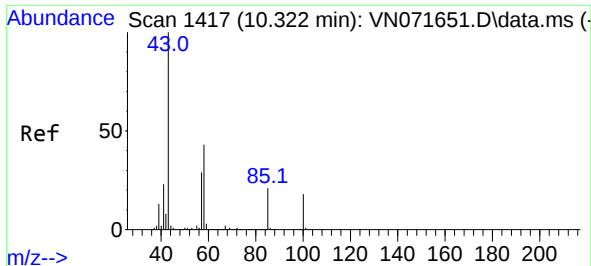


#50
Toluene-d8
Concen: 46.393 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



Tgt Ion: 98 Resp: 828464
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8





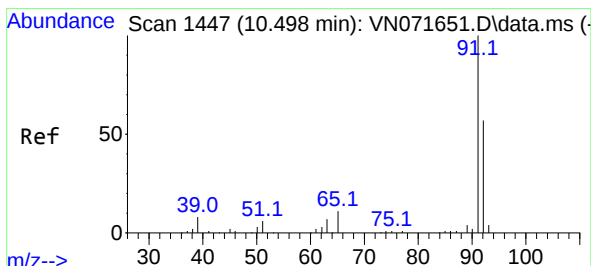
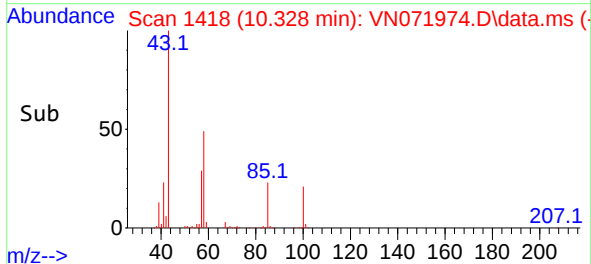
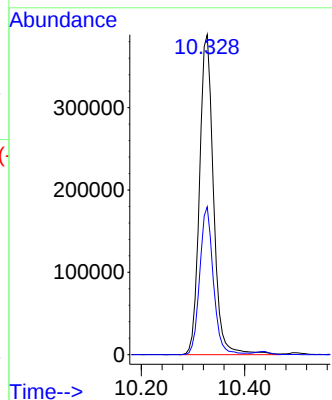
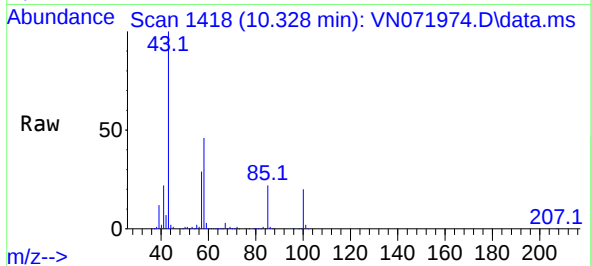
#51
4-Methyl-2-Pentanone
Concen: 114.562 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02

Tgt Ion: 43 Resp: 73099
Ion Ratio Lower Upper
43 100
58 44.9 34.1 51.1

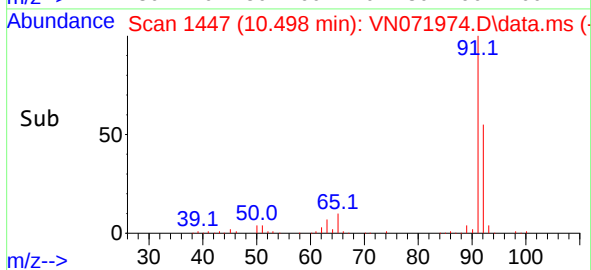
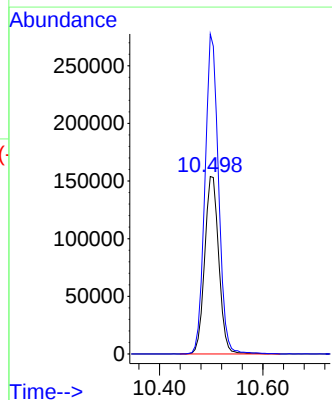
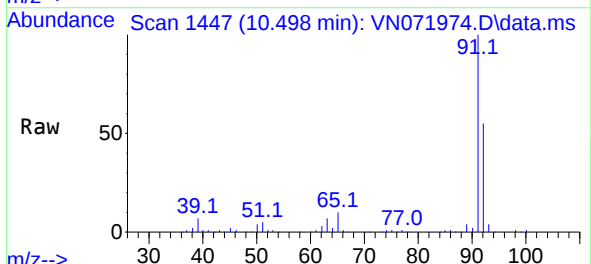
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#52
Toluene
Concen: 23.915 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

Tgt Ion: 92 Resp: 291114
Ion Ratio Lower Upper
92 100
91 174.0 138.6 207.8





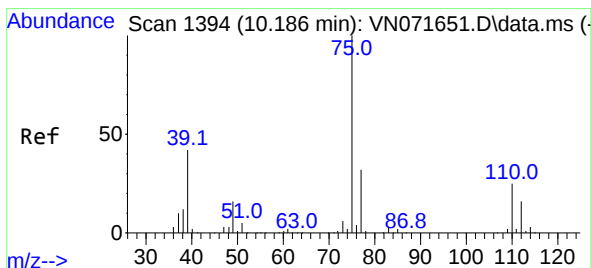
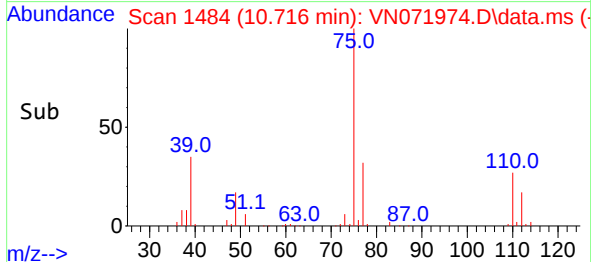
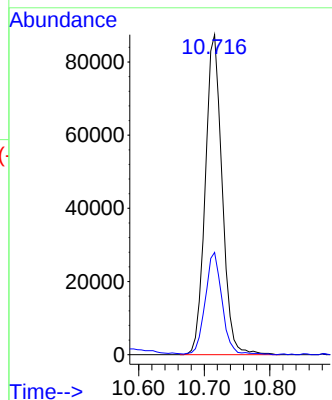
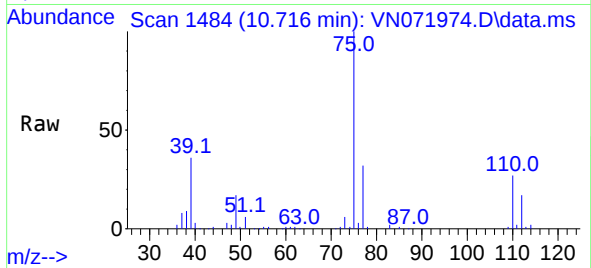
#53
t-1,3-Dichloropropene
Concen: 23.211 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02

Tgt Ion: 75 Resp: 15641
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4

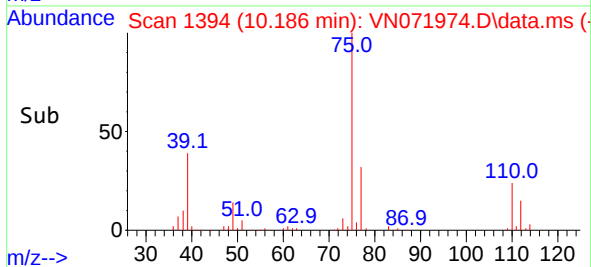
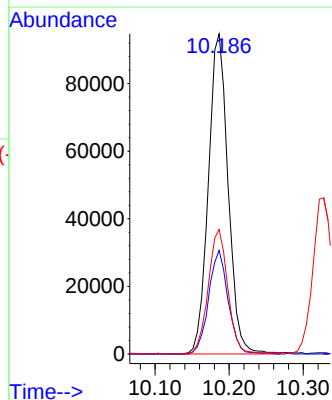
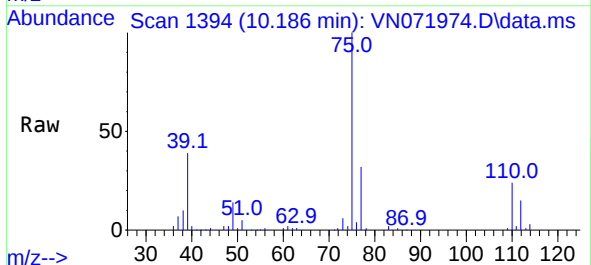
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#54
cis-1,3-Dichloropropene
Concen: 23.528 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

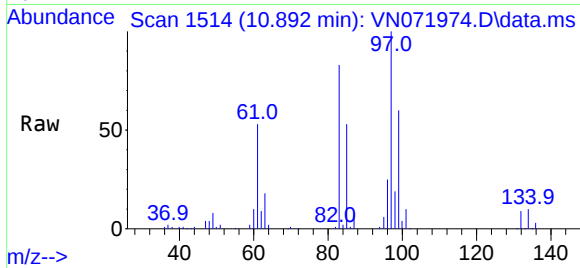
Tgt Ion: 75 Resp: 175182
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8
39 38.9 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 23.443 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

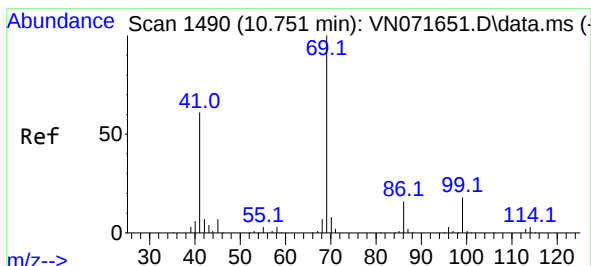
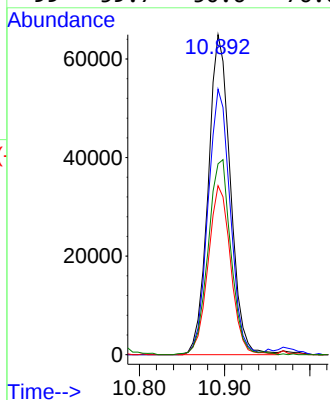
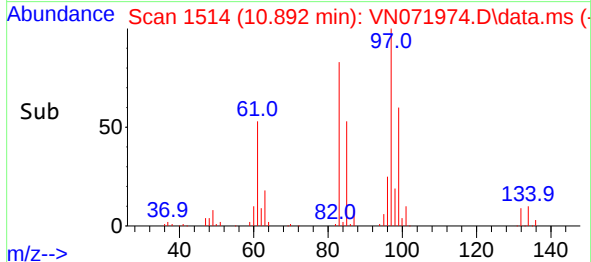
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



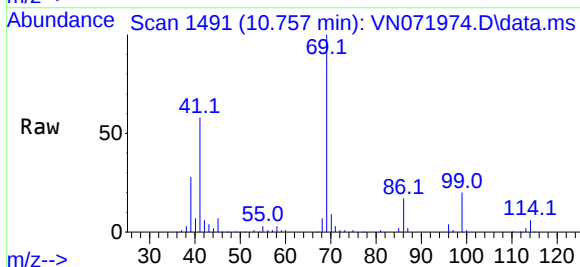
Tgt Ion: 97 Resp: 117448
Ion Ratio Lower Upper
97 100
83 83.0 66.2 99.4
85 52.8 43.9 65.9
99 59.7 50.6 76.0

Manual Integrations
APPROVED

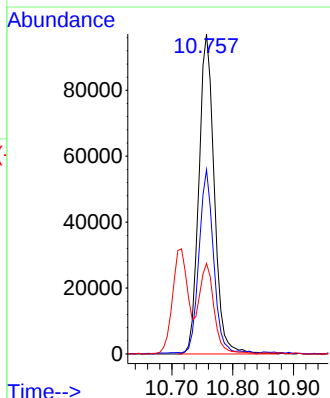
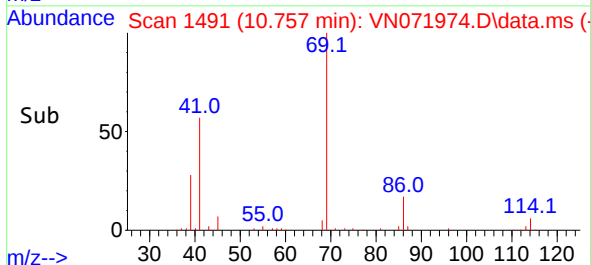
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

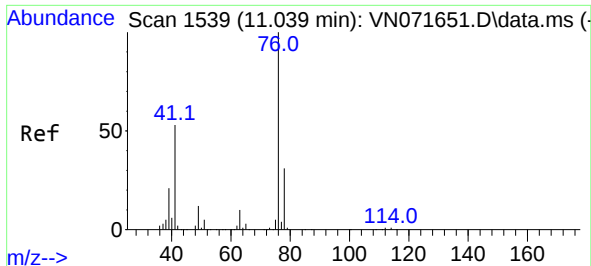


#56
Ethyl methacrylate
Concen: 23.880 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



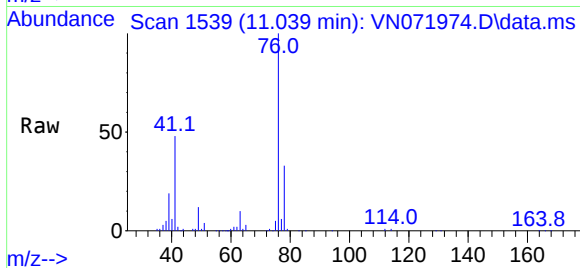
Tgt Ion: 69 Resp: 170672
Ion Ratio Lower Upper
69 100
41 56.0 47.8 71.6
39 28.2 27.3 40.9





#57
1,3-Dichloropropane
Concen: 23.221 ug/l
RT: 11.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

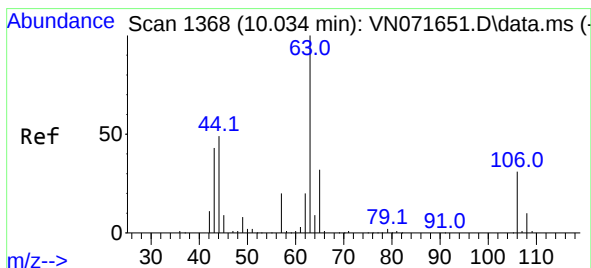
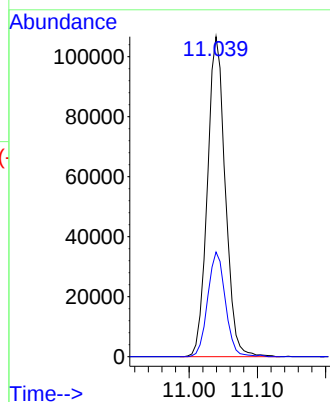
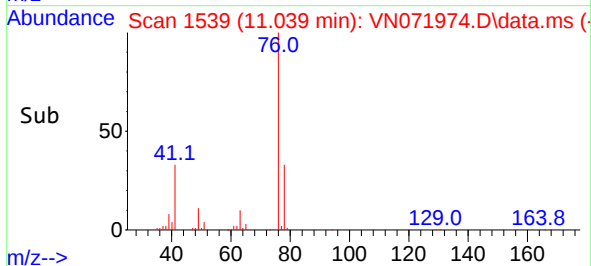
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



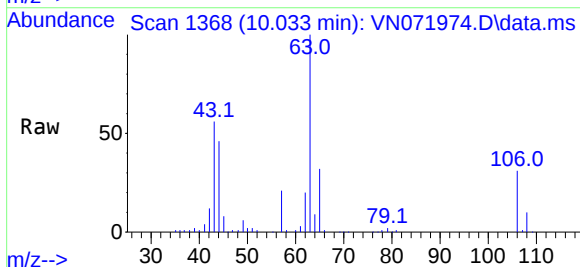
Tgt Ion: 76 Resp: 19451
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.2

Manual Integrations
APPROVED

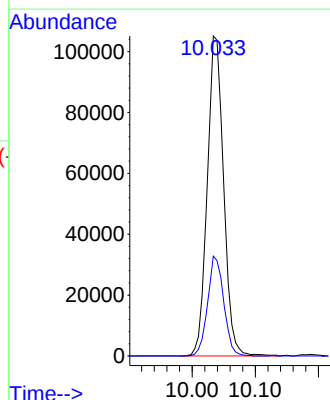
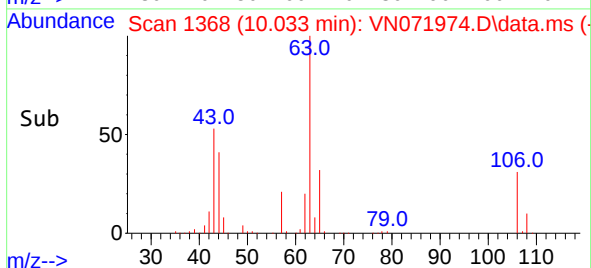
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

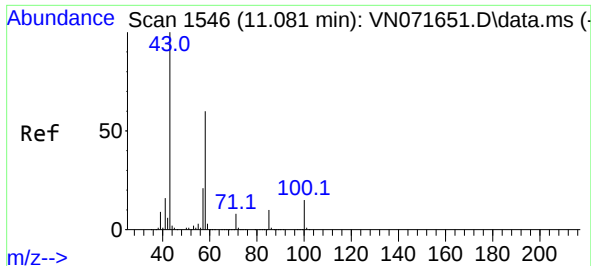


#58
2-Chloroethyl Vinyl ether
Concen: 97.027 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. -0.001 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



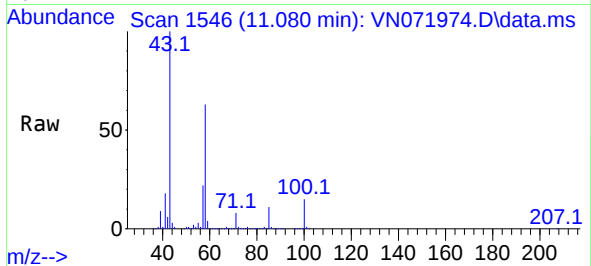
Tgt Ion: 63 Resp: 188982
Ion Ratio Lower Upper
63 100
106 30.7 24.6 36.8





#59
2-Hexanone
Concen: 114.213 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

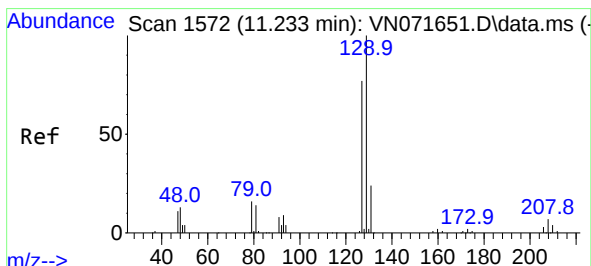
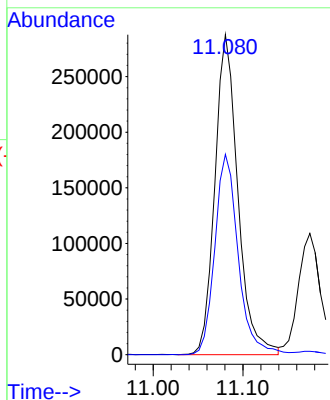
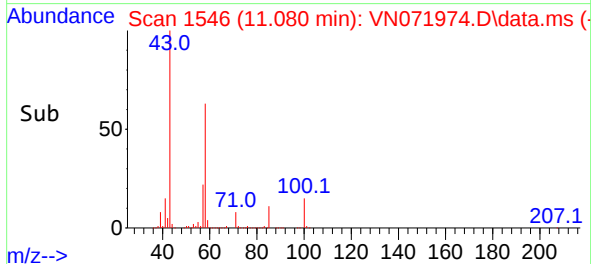
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



Tgt Ion: 43 Resp: 513092
Ion Ratio Lower Upper
43 100
58 63.6 29.7 89.1

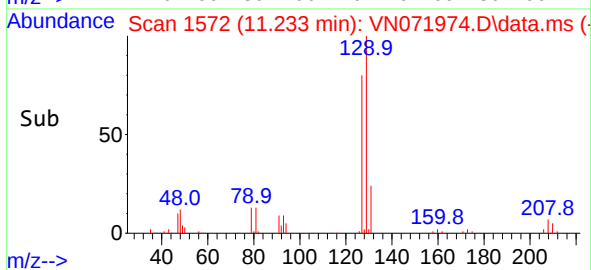
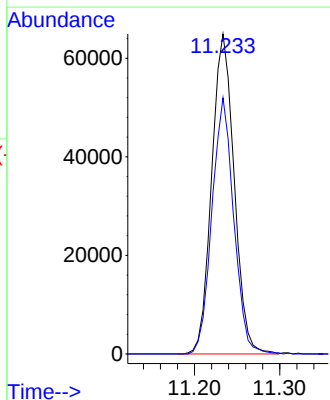
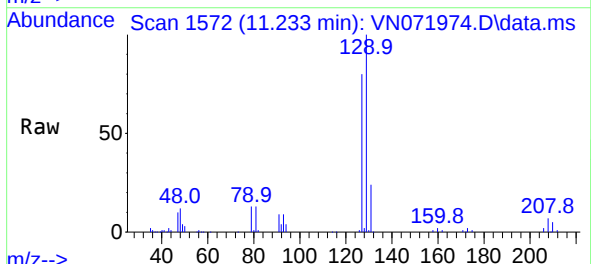
Manual Integrations
APPROVED

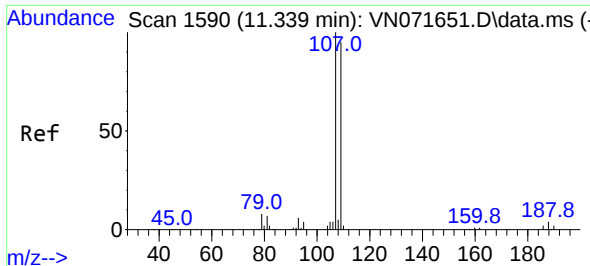
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#60
Dibromochloromethane
Concen: 24.335 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

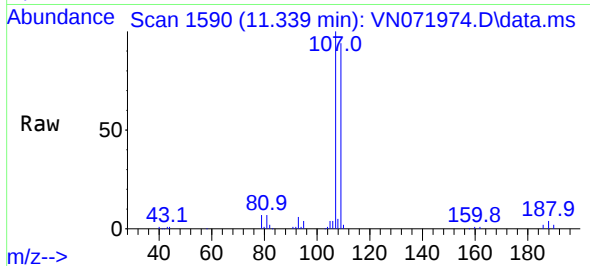
Tgt Ion:129 Resp: 118875
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 24.382 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

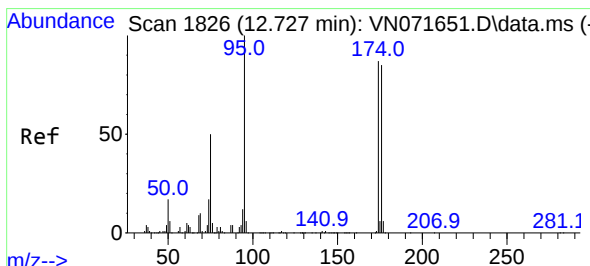
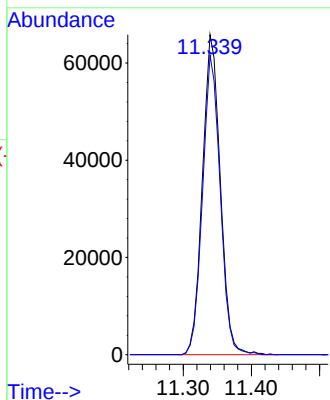
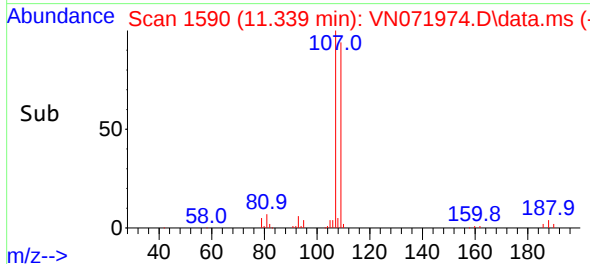
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



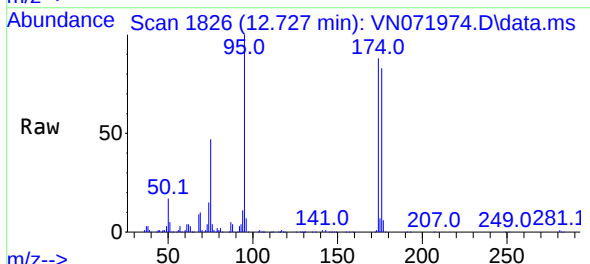
Tgt Ion:107 Resp: 12024
Ion Ratio Lower Upper
107 100
109 92.2 75.0 112.6

Manual Integrations
APPROVED

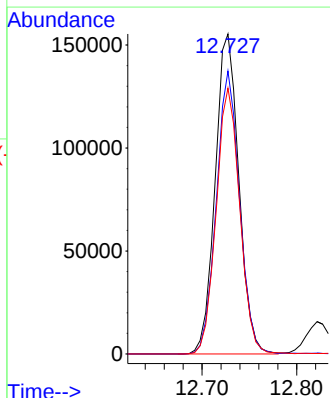
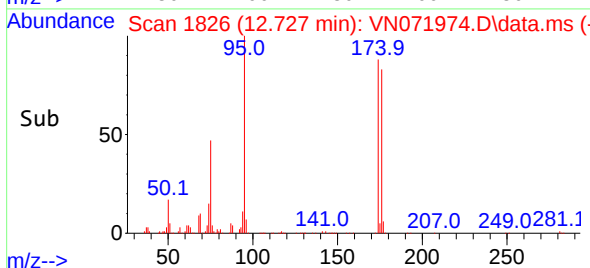
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

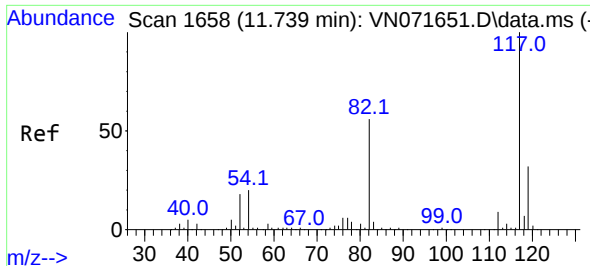


#62
4-Bromofluorobenzene
Concen: 46.665 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



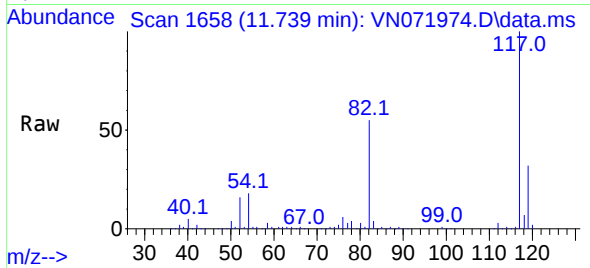
Tgt Ion: 95 Resp: 269509
Ion Ratio Lower Upper
95 100
174 86.8 0.0 167.6
176 82.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

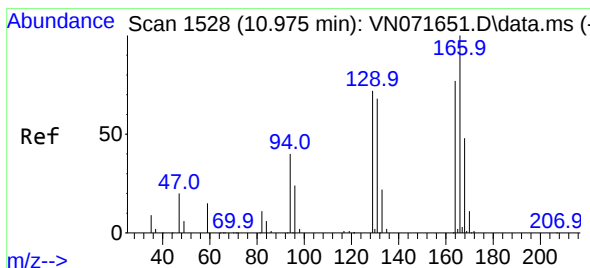
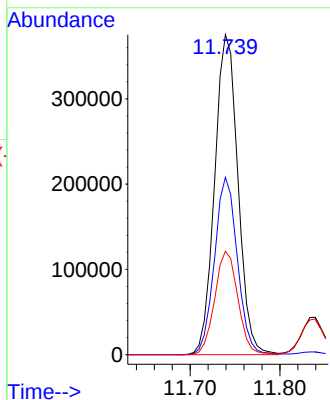
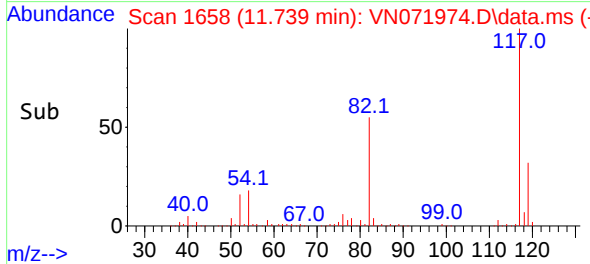
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



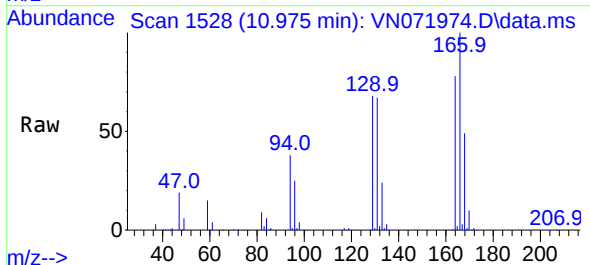
Tgt Ion:117 Resp: 67682
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 32.4 25.4 38.0

Manual Integrations
APPROVED

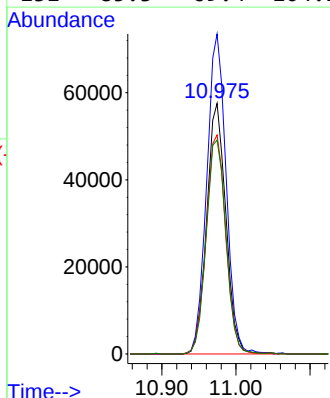
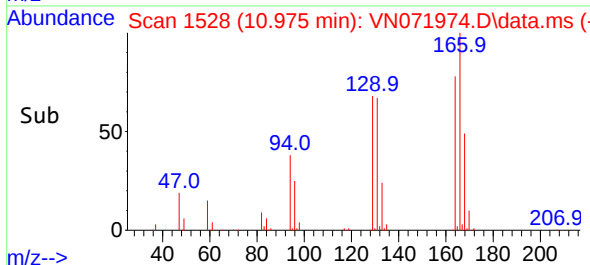
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

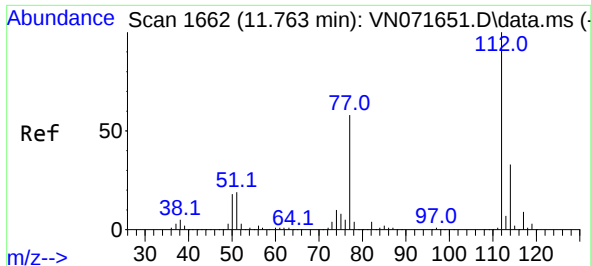


#64
Tetrachloroethene
Concen: 23.201 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



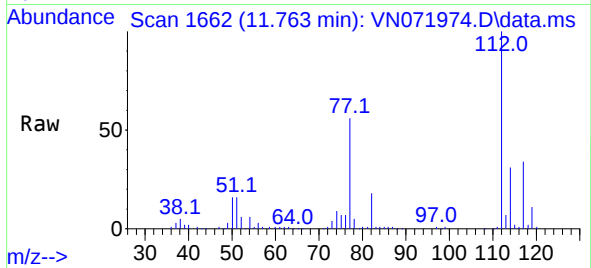
Tgt Ion:164 Resp: 103692
Ion Ratio Lower Upper
164 100
166 127.7 104.2 156.2
129 87.4 73.9 110.9
131 85.3 69.4 104.2





#65
Chlorobenzene
Concen: 22.936 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

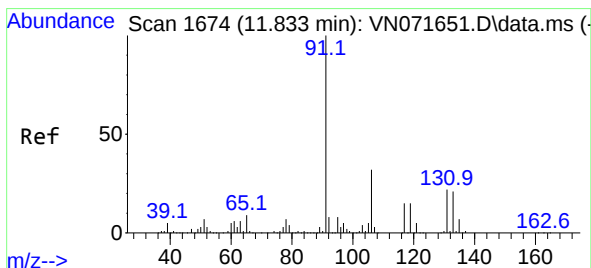
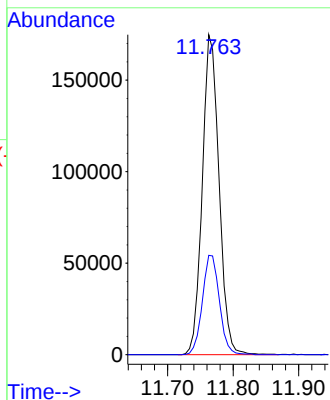
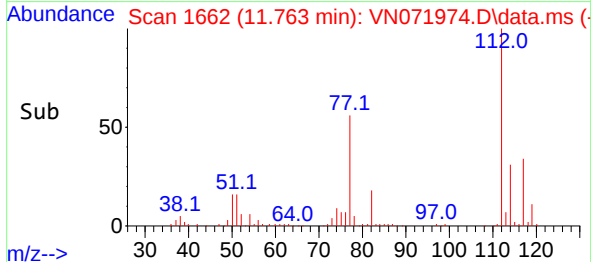
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



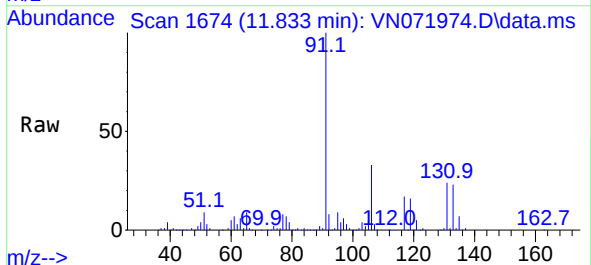
Tgt Ion:112 Resp: 310840
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.2

Manual Integrations
APPROVED

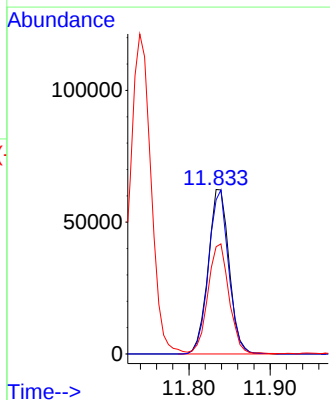
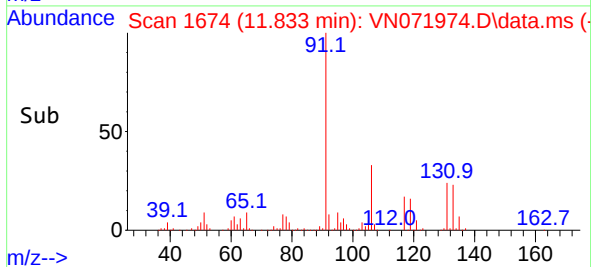
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

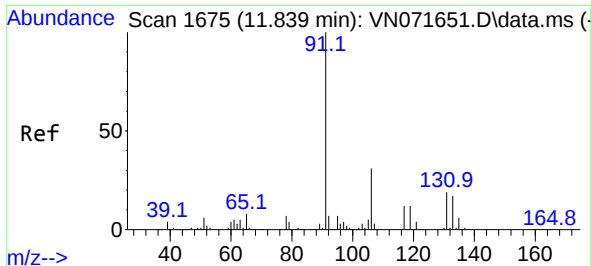


#66
1,1,1,2-Tetrachloroethane
Concen: 22.855 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



Tgt Ion:131 Resp: 111766
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.4
119 67.0 33.4 100.2





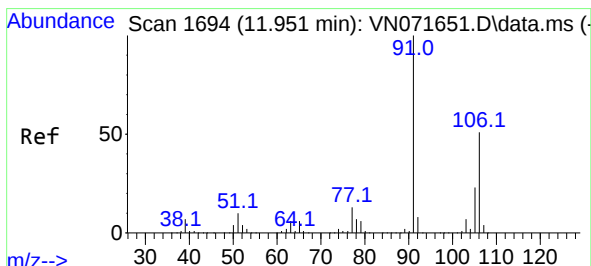
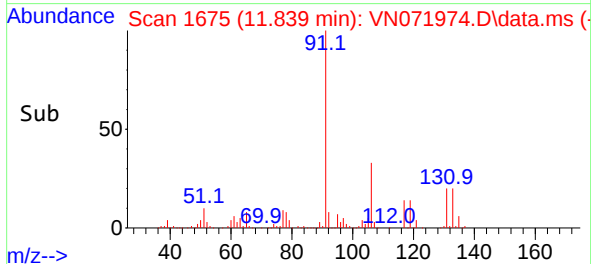
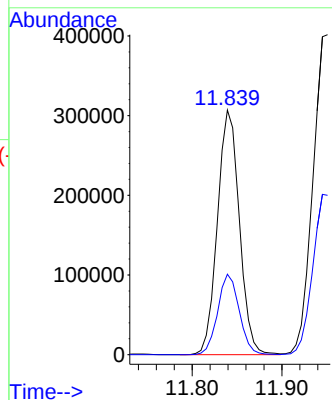
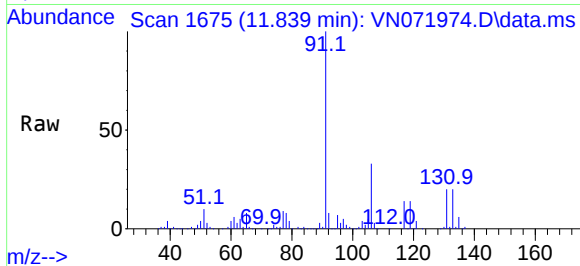
#67
Ethyl Benzene
Concen: 22.706 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02

Tgt Ion: 91 Resp: 520928
Ion Ratio Lower Upper
91 100
106 32.9 24.9 37.3

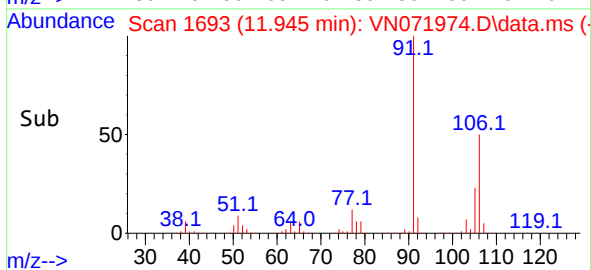
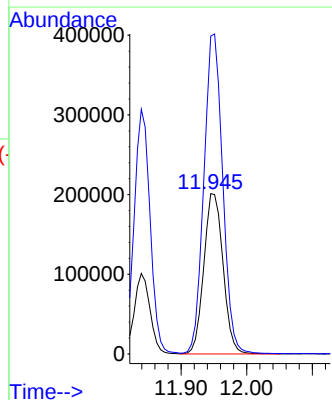
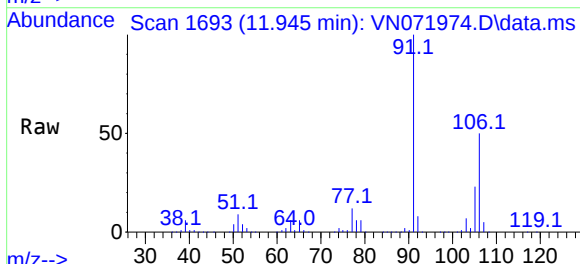
Manual Integrations
APPROVED

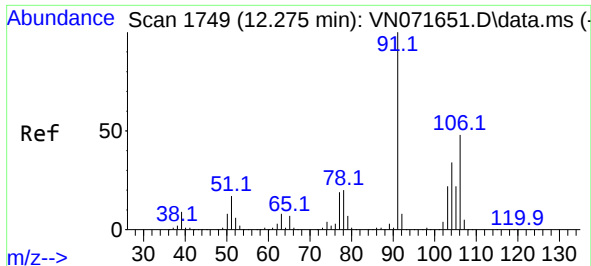
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#68
m/p-Xylenes
Concen: 46.631 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

Tgt Ion:106 Resp: 411054
Ion Ratio Lower Upper
106 100
91 195.3 158.9 238.3





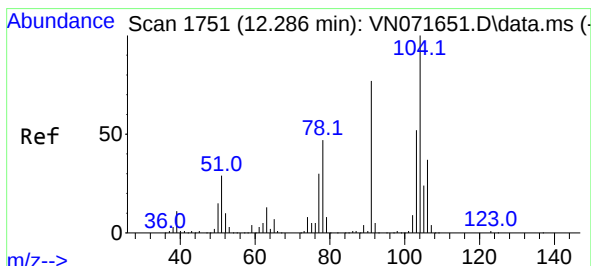
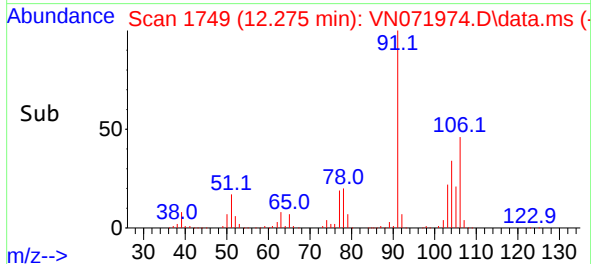
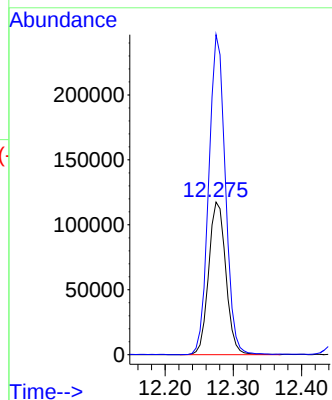
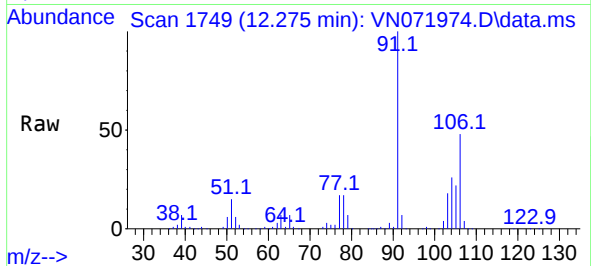
#69
o-Xylene
Concen: 23.564 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02

Tgt Ion:106 Resp: 206169
Ion Ratio Lower Upper
106 100
91 202.6 106.0 318.0

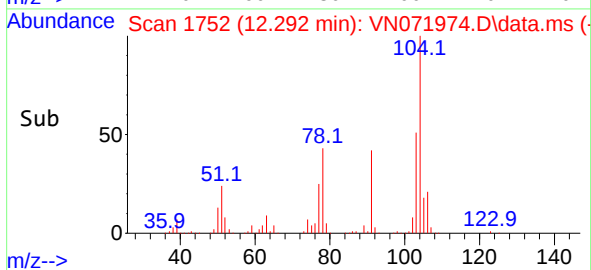
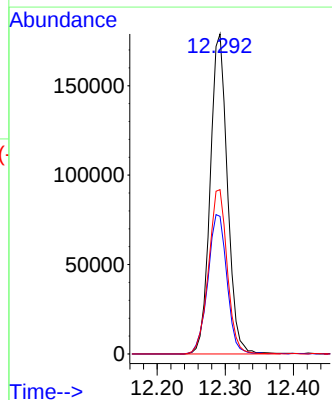
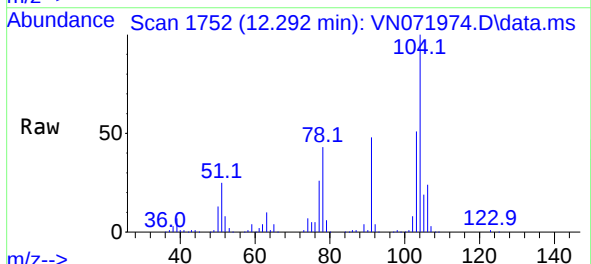
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#70
Styrene
Concen: 23.779 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

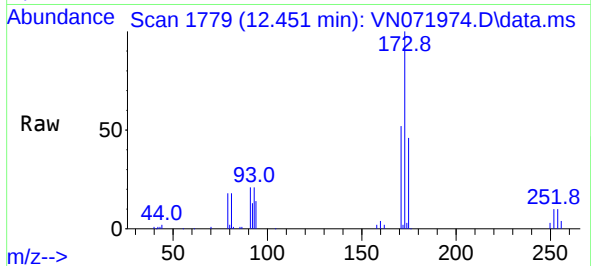
Tgt Ion:104 Resp: 315233
Ion Ratio Lower Upper
104 100
78 48.2 39.5 59.3
103 55.4 44.0 66.0





#71
Bromoform
Concen: 24.266 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

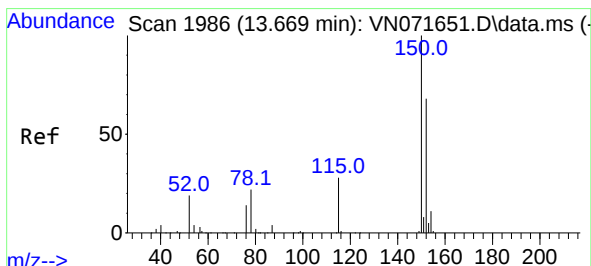
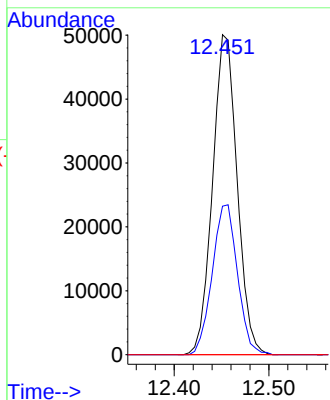
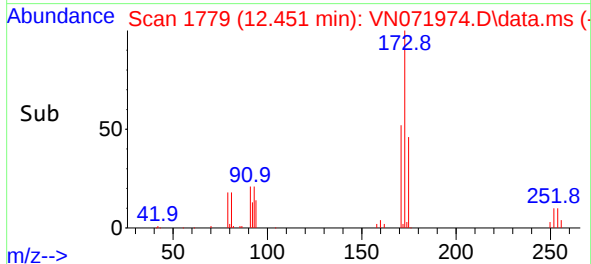
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



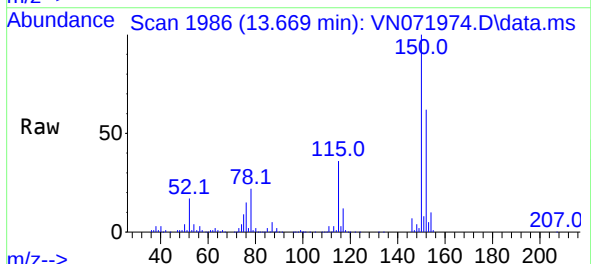
Tgt Ion:173 Resp: 90368
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

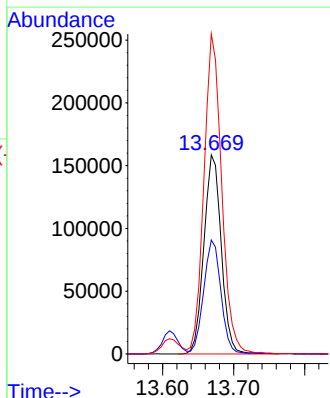
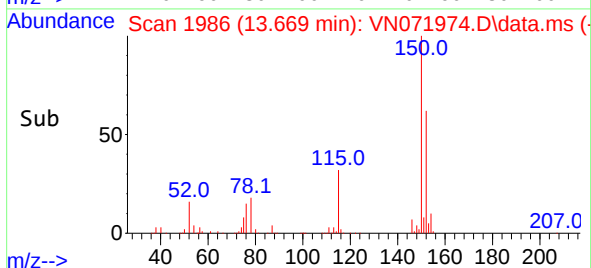
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



Tgt Ion:152 Resp: 270191
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.7
150 164.7 0.0 356.2





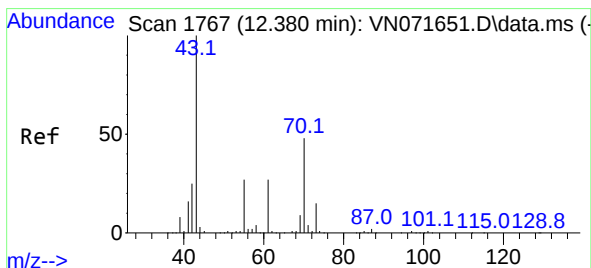
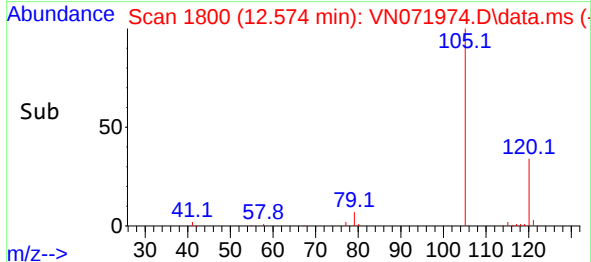
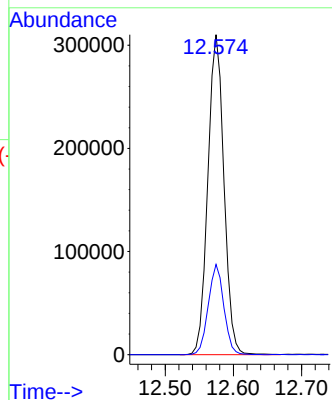
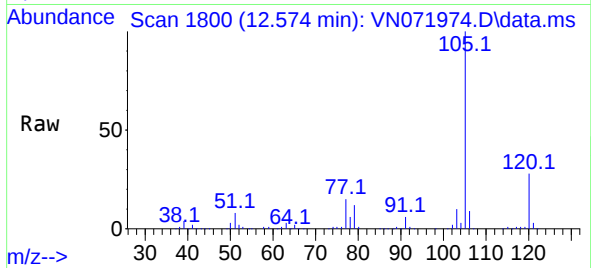
#73
Isopropylbenzene
Concen: 22.376 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02

Tgt Ion:105 Resp: 50946
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

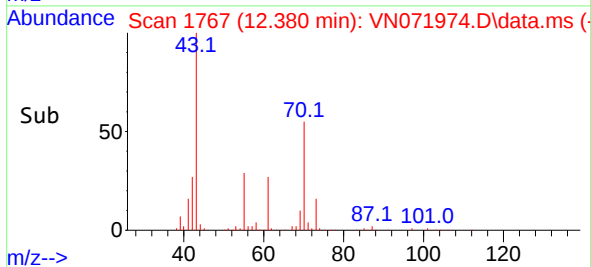
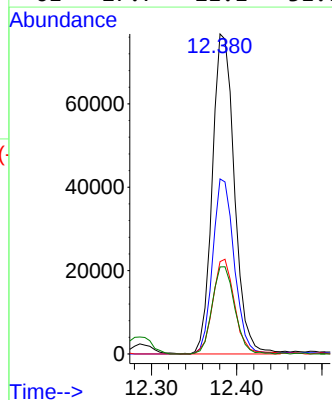
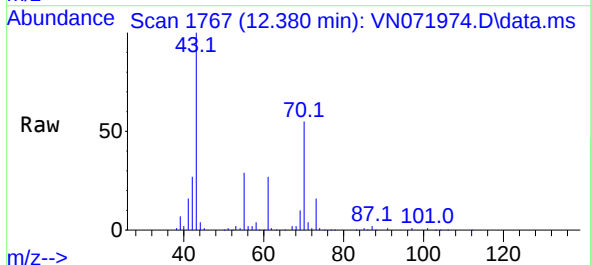
Manual Integrations
APPROVED

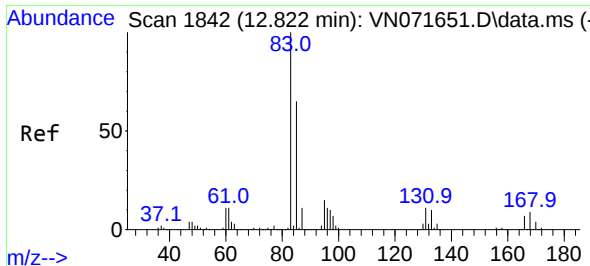
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#74
N-ethyl acetate
Concen: 21.208 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

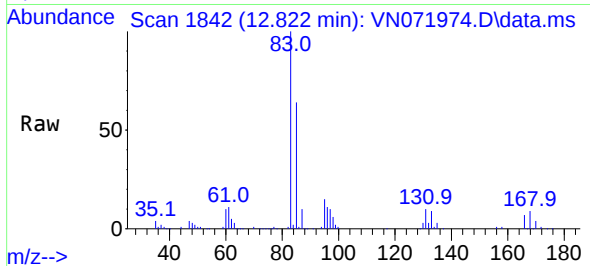
Tgt Ion: 43 Resp: 138351
Ion Ratio Lower Upper
43 100
70 53.4 39.0 58.4
55 29.4 21.1 31.7
61 27.7 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 23.041 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

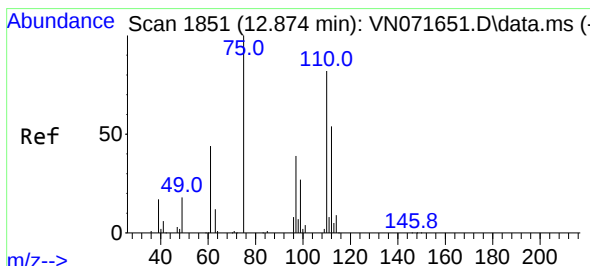
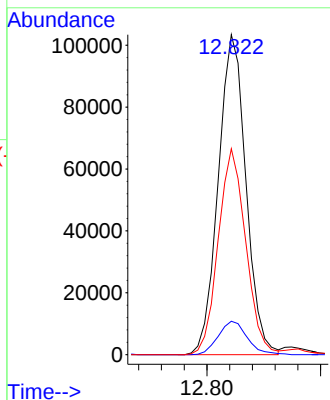
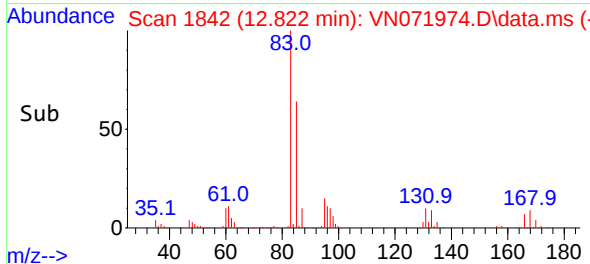
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



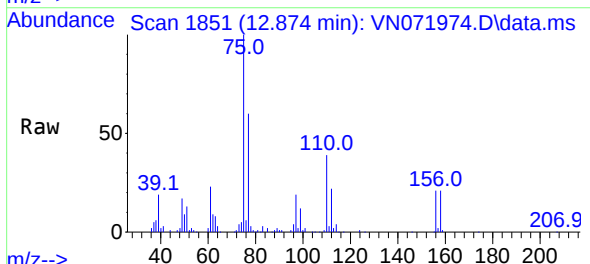
Tgt Ion: 83 Resp: 17503
Ion Ratio Lower Upper
83 100
131 10.9 5.3 15.9
85 63.9 32.3 96.9

Manual Integrations
APPROVED

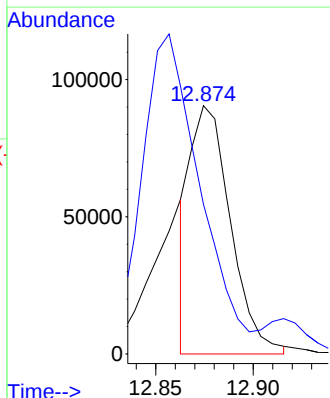
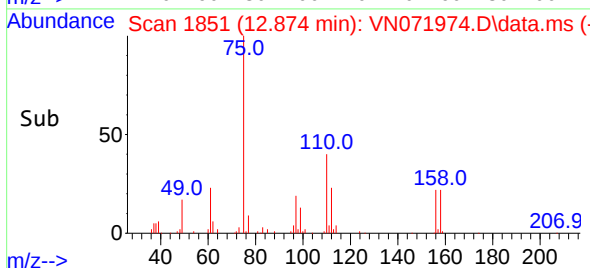
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

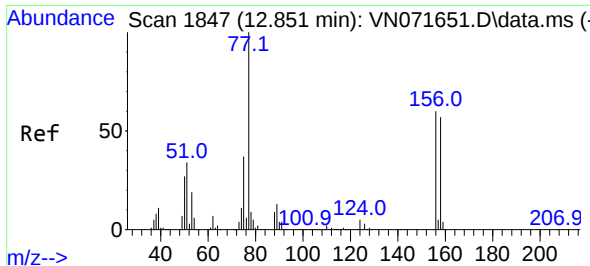


#76
1,2,3-Trichloropropane
Concen: 20.804 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



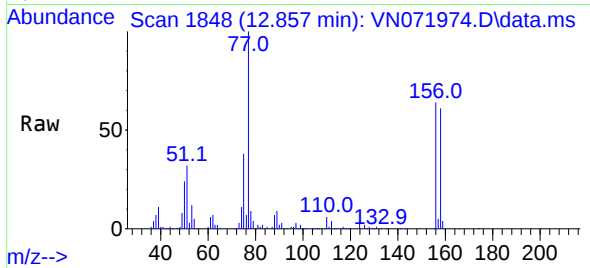
Tgt Ion: 75 Resp: 130216
Ion Ratio Lower Upper
75 100
77 186.4 98.5 295.5





#77
Bromobenzene
Concen: 22.143 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

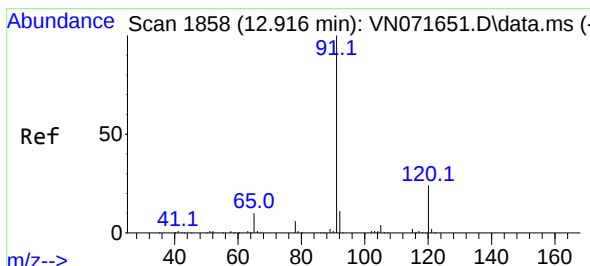
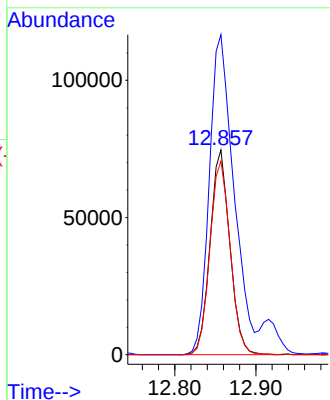
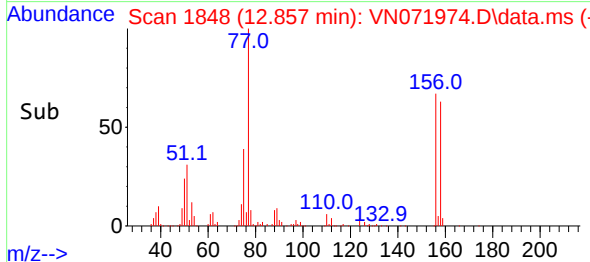
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



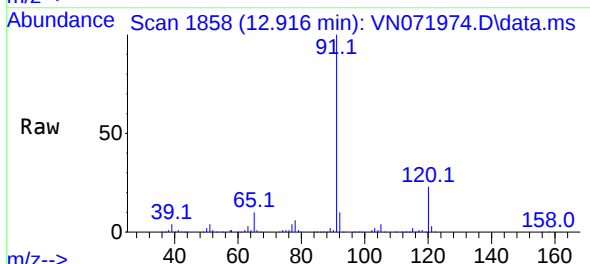
Tgt Ion: 156 Resp: 12638
Ion Ratio Lower Upper
156 100
77 192.1 100.5 301.5
158 96.9 48.9 146.6

Manual Integrations
APPROVED

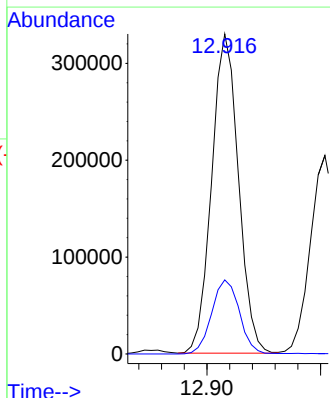
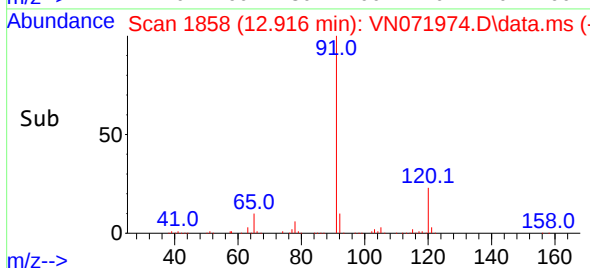
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#78
n-propylbenzene
Concen: 22.534 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



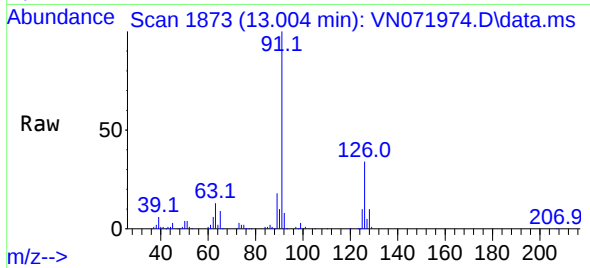
Tgt Ion: 91 Resp: 539697
Ion Ratio Lower Upper
91 100
120 24.2 11.9 35.5





#79
2-Chlorotoluene
Concen: 22.376 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

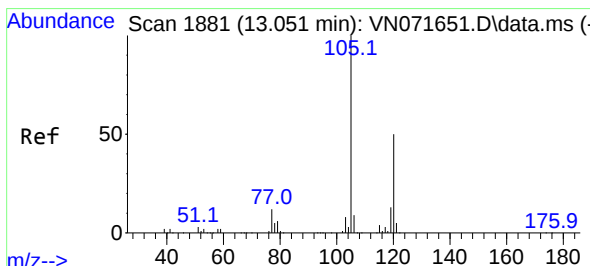
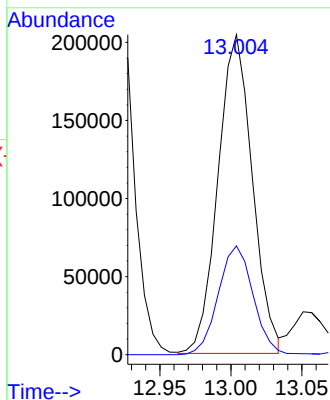
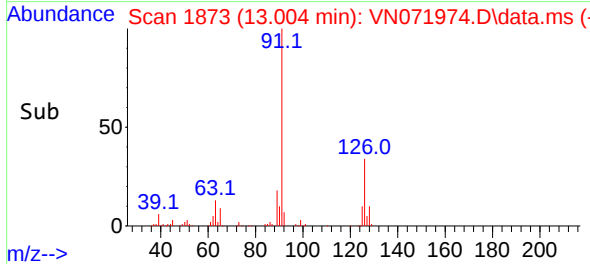
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



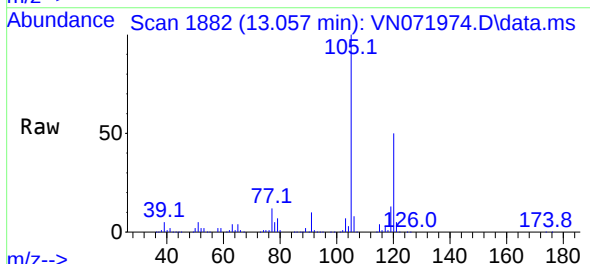
Tgt Ion: 91 Resp: 343688
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.9

Manual Integrations
APPROVED

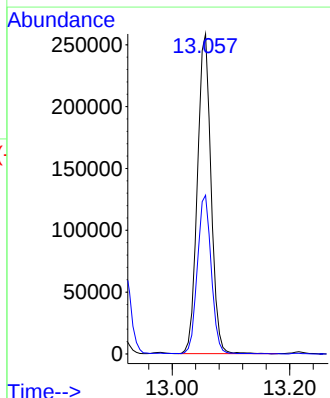
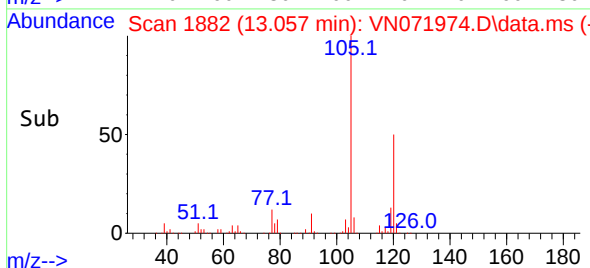
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 23.003 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



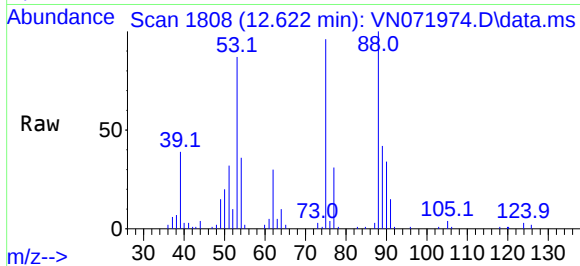
Tgt Ion:105 Resp: 414961
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 22.528 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

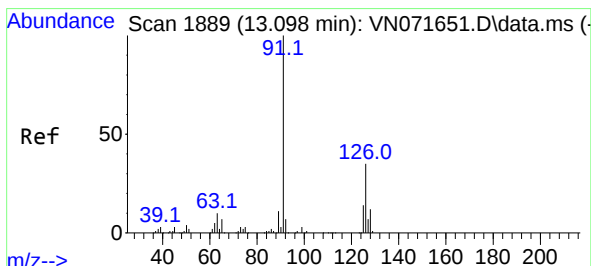
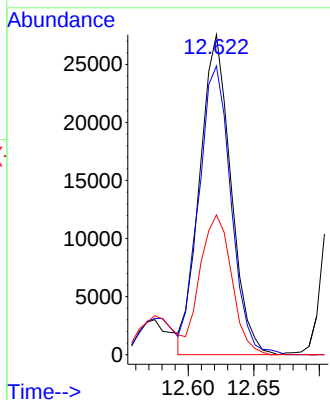
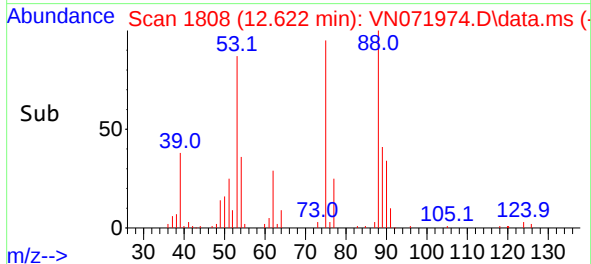
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



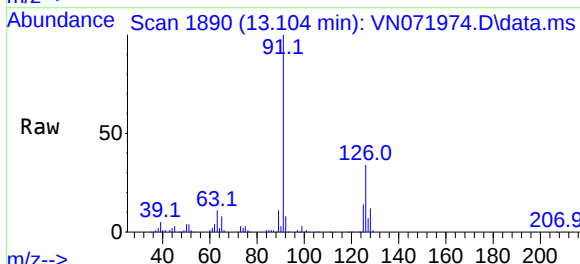
Tgt Ion: 75 Resp: 45502
Ion Ratio Lower Upper
75 100
53 93.1 78.0 117.0
89 43.7 37.2 55.8

Manual Integrations
APPROVED

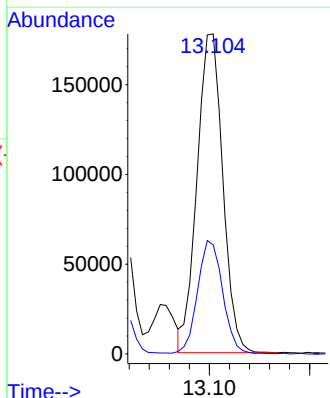
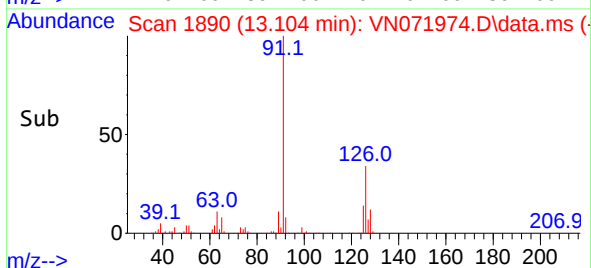
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

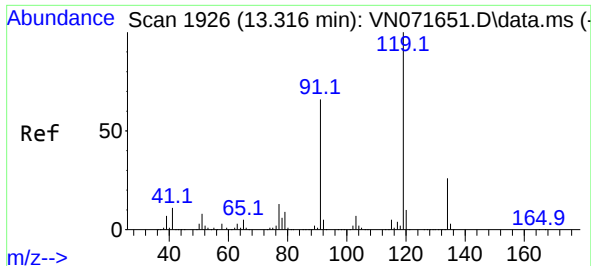


#82
4-Chlorotoluene
Concen: 22.273 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



Tgt Ion: 91 Resp: 317098
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





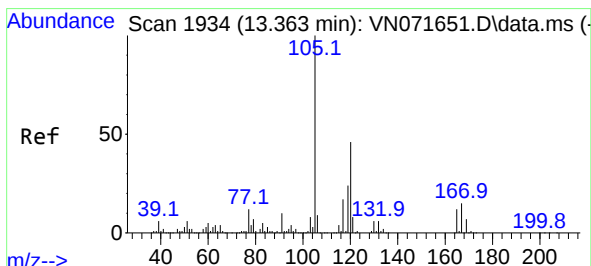
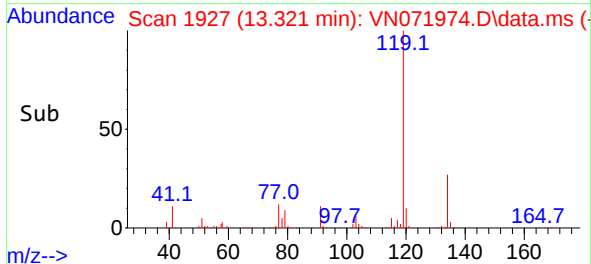
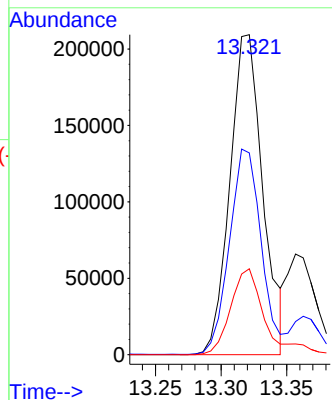
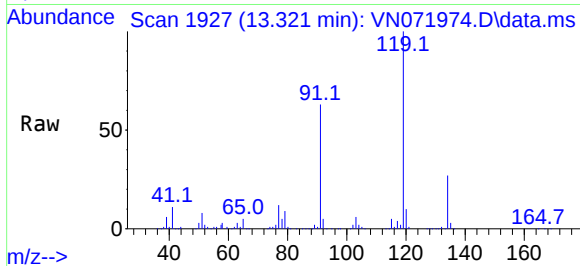
#83
tert-Butylbenzene
Concen: 22.210 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.005 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02

Tgt Ion:119 Resp: 366240
Ion Ratio Lower Upper
119 100
91 61.7 31.6 94.8
134 27.9 13.7 41.1

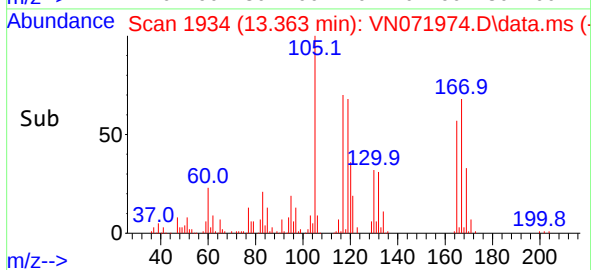
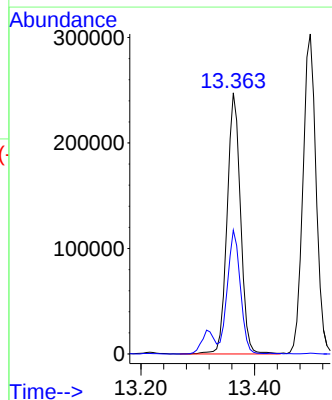
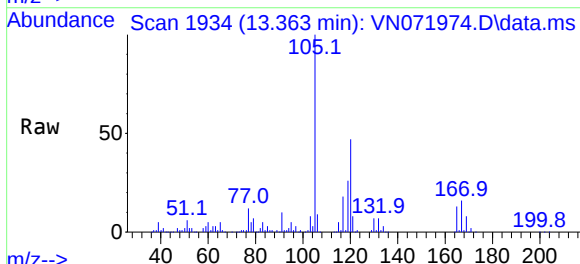
Manual Integrations
APPROVED

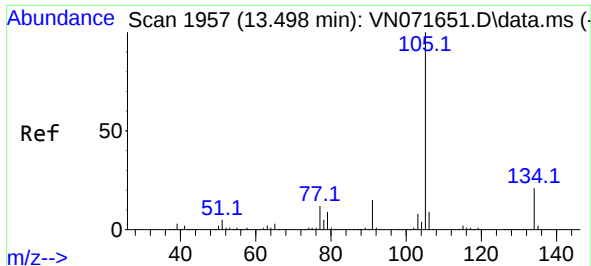
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#84
1,2,4-Trimethylbenzene
Concen: 23.077 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

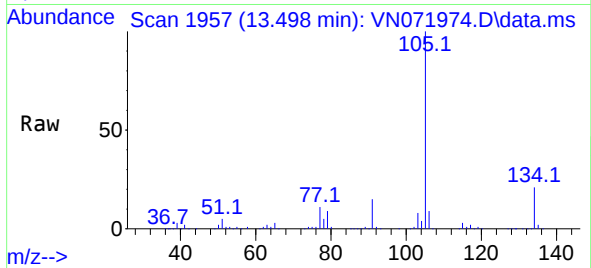
Tgt Ion:105 Resp: 406179
Ion Ratio Lower Upper
105 100
120 45.8 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 22.832 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071974.D
 Acq: 13 Apr 2022 14:28

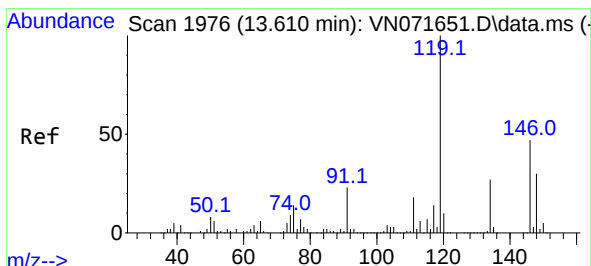
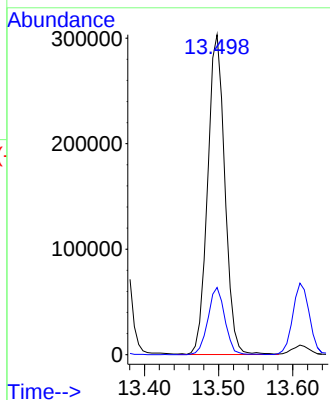
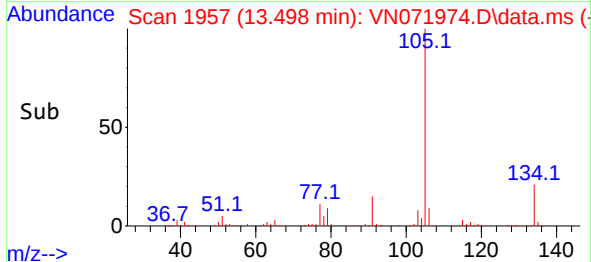
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBS02



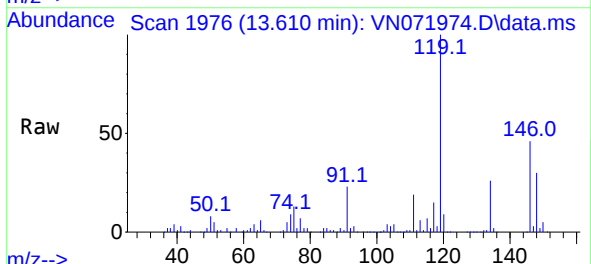
Tgt Ion:105 Resp: 48805
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

Manual Integrations
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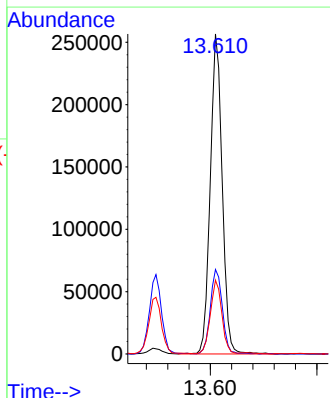
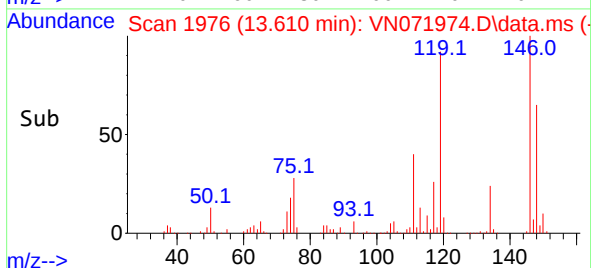
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022

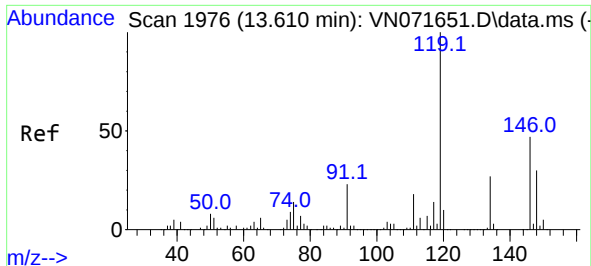


#86
 p-Isopropyltoluene
 Concen: 23.413 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071974.D
 Acq: 13 Apr 2022 14:28



Tgt Ion:119 Resp: 399054
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 22.0 11.3 33.9





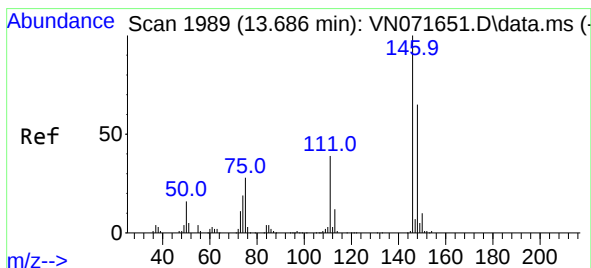
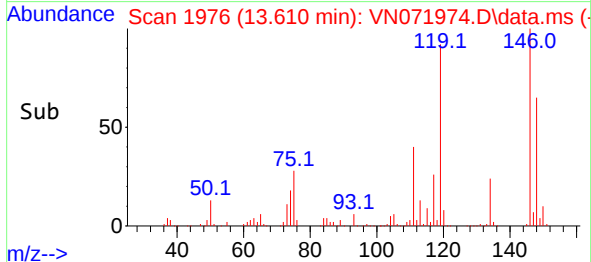
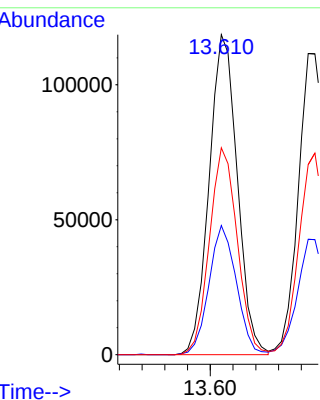
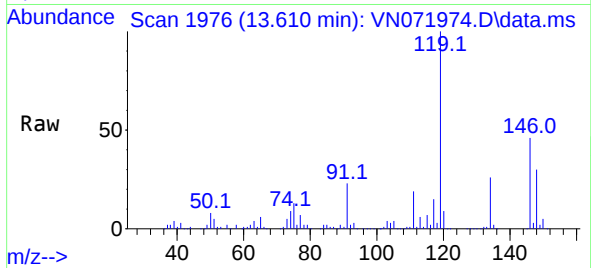
#87
1,3-Dichlorobenzene
Concen: 22.432 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02

Tgt Ion:146 Resp: 20397
Ion Ratio Lower Upper
146 100
111 39.5 20.0 60.0
148 64.1 32.0 96.0

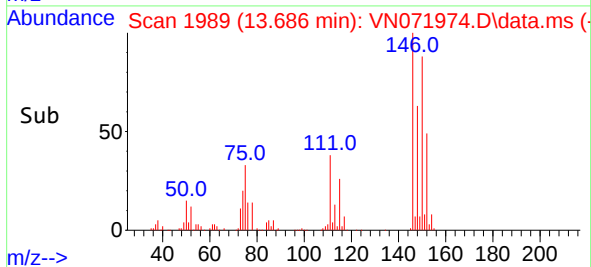
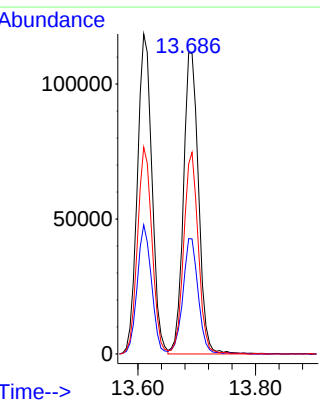
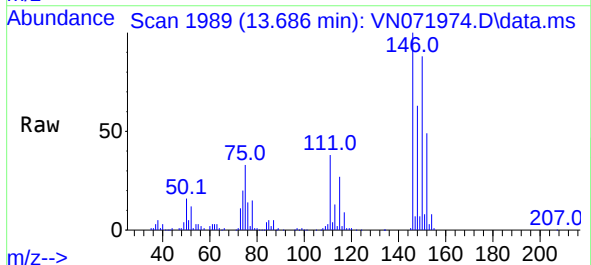
Manual Integrations
APPROVED

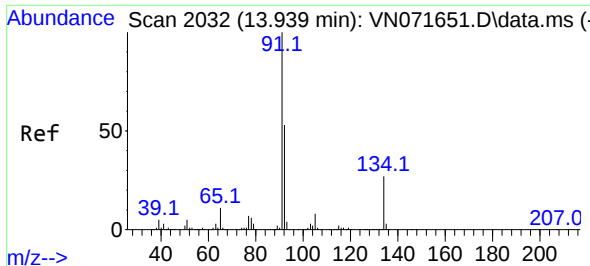
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#88
1,4-Dichlorobenzene
Concen: 22.487 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

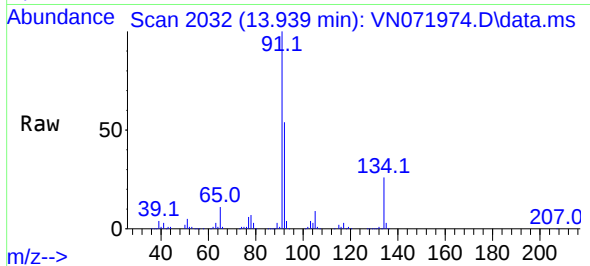
Tgt Ion:146 Resp: 199487
Ion Ratio Lower Upper
146 100
111 38.0 19.1 57.1
148 64.5 31.4 94.3





#89
n-Butylbenzene
Concen: 21.218 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

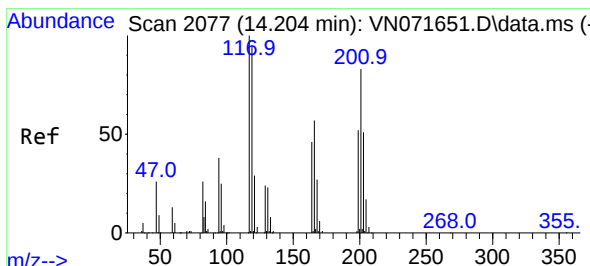
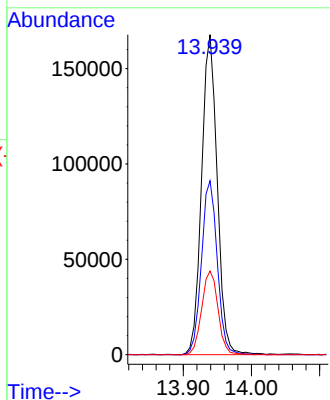
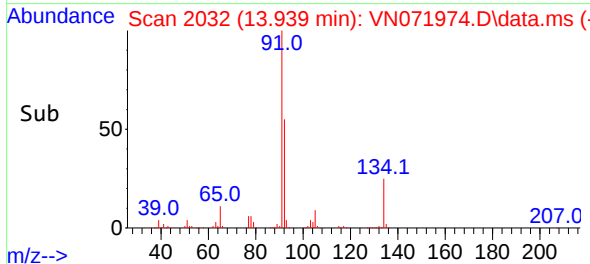
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



Tgt Ion: 91 Resp: 268225
Ion Ratio Lower Upper
91 100
92 54.8 26.9 80.7
134 27.2 13.6 40.8

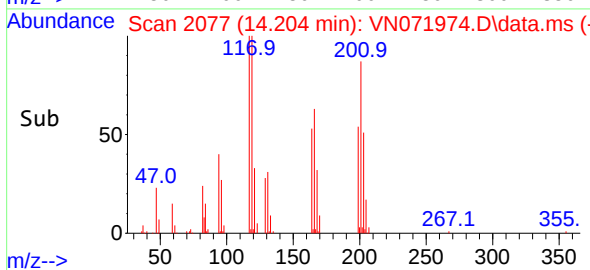
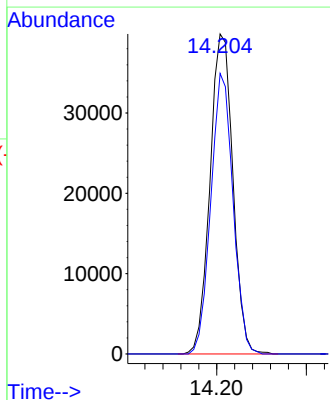
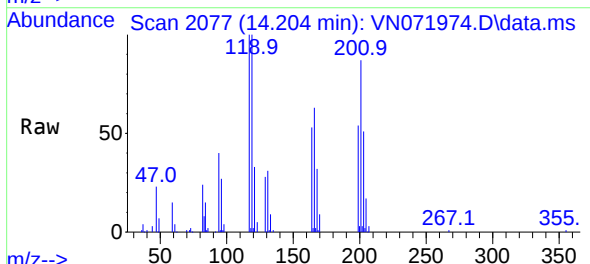
Manual Integrations
APPROVED

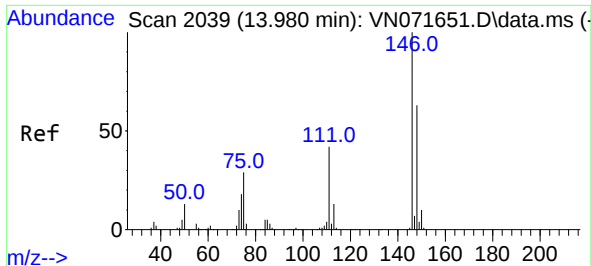
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#90
Hexachloroethane
Concen: 22.565 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

Tgt Ion:117 Resp: 70405
Ion Ratio Lower Upper
117 100
201 84.9 40.6 122.0





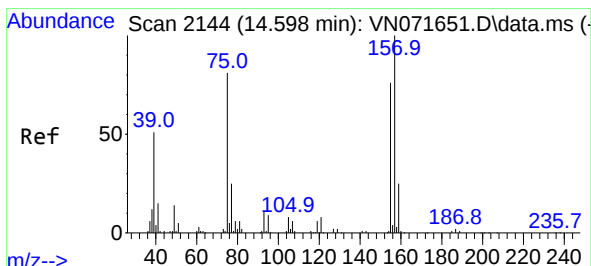
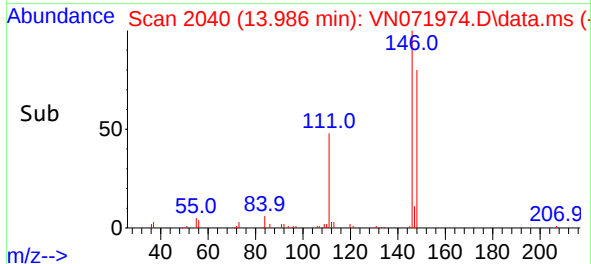
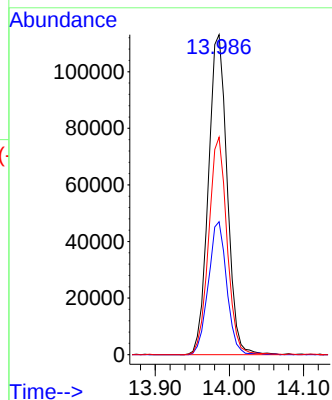
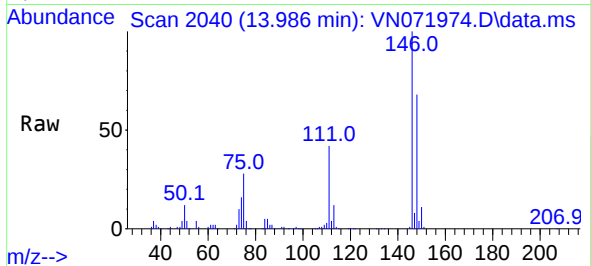
#91
1,2-Dichlorobenzene
Concen: 22.282 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02

Tgt Ion:146 Resp: 19891
Ion Ratio Lower Upper
146 100
111 40.5 20.9 62.8
148 66.4 32.1 96.3

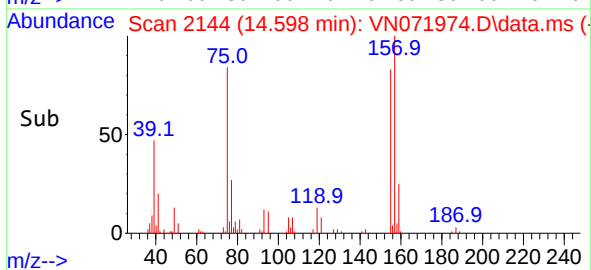
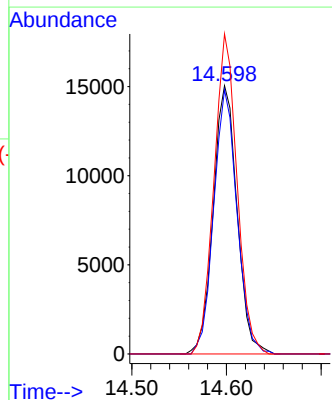
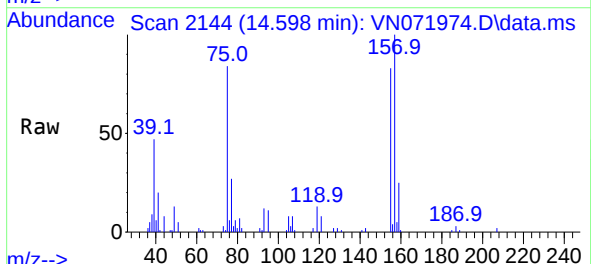
Manual Integrations
APPROVED

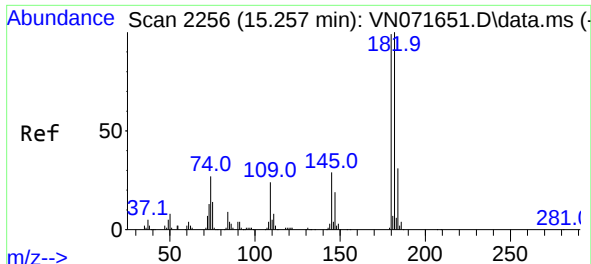
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.340 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

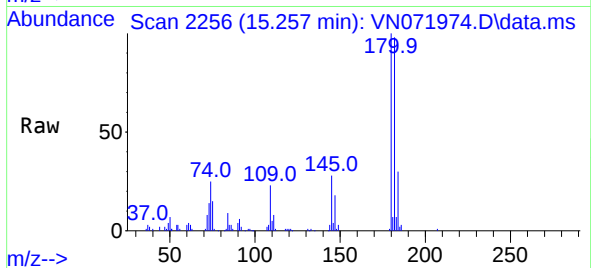
Tgt Ion: 75 Resp: 26324
Ion Ratio Lower Upper
75 100
155 96.2 44.9 134.5
157 115.5 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 21.372 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

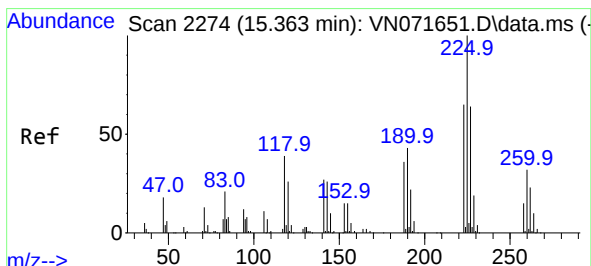
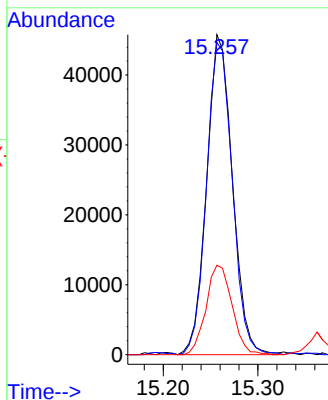
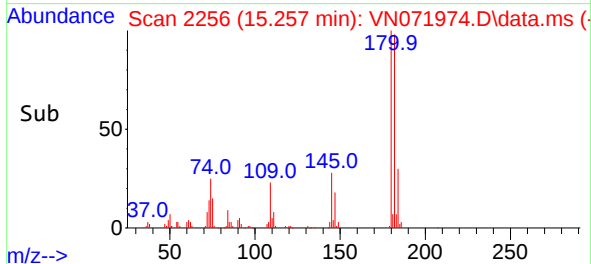
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



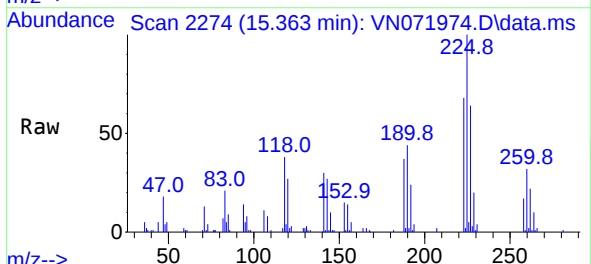
Tgt Ion:180 Resp: 8654
Ion Ratio Lower Upper
180 100
182 97.6 47.5 142.5
145 28.2 14.5 43.5

Manual Integrations
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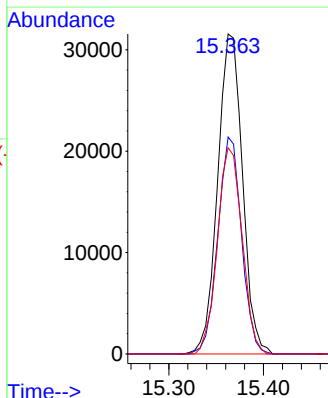
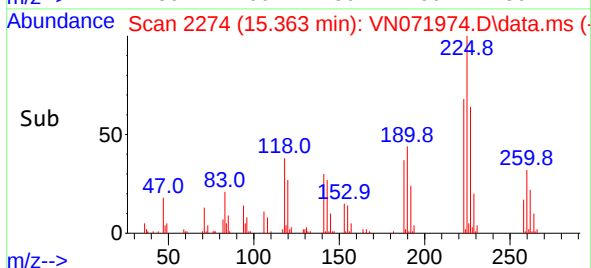
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

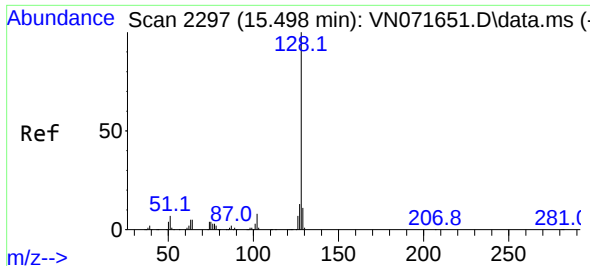


#94
Hexachlorobutadiene
Concen: 21.865 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



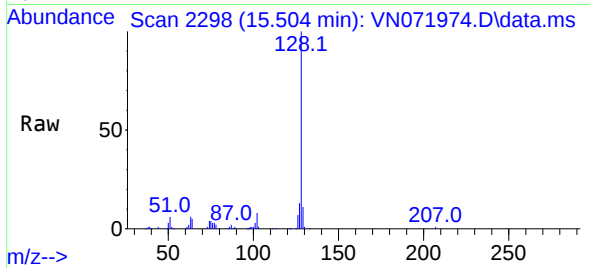
Tgt Ion:225 Resp: 57567
Ion Ratio Lower Upper
225 100
223 64.7 32.4 97.2
227 64.1 31.8 95.4





#95
Naphthalene
Concen: 20.247 ug/l
RT: 15.504 min Scan# 21897
Delta R.T. 0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28

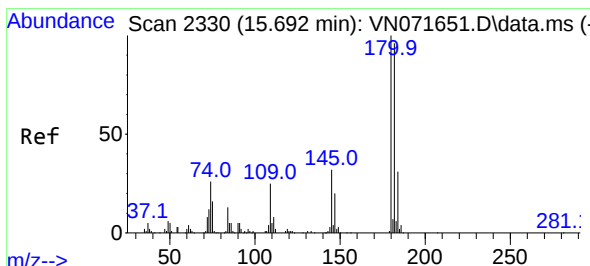
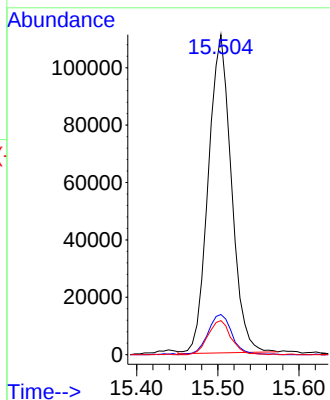
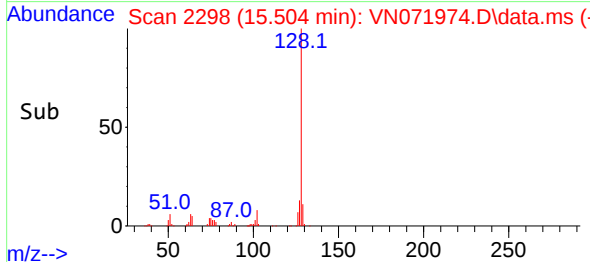
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02



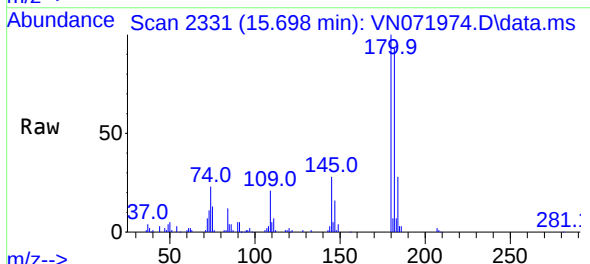
Tgt Ion:128 Resp: 21897
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 22.882 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071974.D
Acq: 13 Apr 2022 14:28



Tgt Ion:180 Resp: 89583
Ion Ratio Lower Upper
180 100
182 95.1 47.8 143.3
145 29.2 15.5 46.5

