

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071425.D
 Acq On : 21 Mar 2022 18:05
 Operator : JC\MD
 Sample : VN0321WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

Quant Time: Mar 22 06:20:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	514556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	866792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	790174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	323848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	433857	61.521	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 123.040%			
35) Dibromofluoromethane	8.016	113	310925	56.844	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 113.680%			
50) Toluene-d8	10.439	98	1166356	52.961	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.920%			
62) 4-Bromofluorobenzene	12.727	95	410092	54.991	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.980%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	92124	16.336	ug/l	100
3) Chloromethane	2.298	50	137078	18.084	ug/l	99
4) Vinyl Chloride	2.440	62	123664	17.893	ug/l	98
5) Bromomethane	2.840	94	74263	20.544	ug/l	95
6) Chloroethane	3.004	64	80664	19.273	ug/l	96
7) Trichlorofluoromethane	3.369	101	169223	18.603	ug/l	99
8) Diethyl Ether	3.822	74	87026	22.357	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.210	101	98905	18.782	ug/l	97
10) Methyl Iodide	4.416	142	136034	18.290	ug/l	99
11) Tert butyl alcohol	5.363	59	156508	112.971	ug/l	100
12) 1,1-Dichloroethene	4.181	96	94848	18.386	ug/l	95
13) Acrolein	4.034	56	83303	56.810	ug/l	100
14) Allyl chloride	4.840	41	222634	19.843	ug/l	87
15) Acrylonitrile	5.545	53	458724	111.514	ug/l	98
16) Acetone	4.281	43	394850	115.071	ug/l	98
17) Carbon Disulfide	4.534	76	219025	14.914	ug/l	98
18) Methyl Acetate	4.851	43	233402	25.559	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	469495	24.241	ug/l	97
20) Methylene Chloride	5.092	84	136493	21.980	ug/l	90
21) trans-1,2-Dichloroethene	5.592	96	108266	19.188	ug/l	91
22) Diisopropyl ether	6.492	45	504024	22.802	ug/l	93
23) Vinyl Acetate	6.428	43	2203788	117.768	ug/l	98
24) 1,1-Dichloroethane	6.381	63	244401	20.925	ug/l	99
25) 2-Butanone	7.328	43	644423	116.584	ug/l	96
26) 2,2-Dichloropropane	7.322	77	178742	19.836	ug/l	97
27) cis-1,2-Dichloroethene	7.316	96	144500	21.577	ug/l	91
28) Bromochloromethane	7.651	49	123237	23.693	ug/l #	80
29) Tetrahydrofuran	7.680	42	440204	114.955	ug/l	91
30) Chloroform	7.810	83	243217	21.832	ug/l	99
31) Cyclohexane	8.086	56	205557	18.253	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	190126	20.036	ug/l	96
36) 1,1-Dichloropropene	8.216	75	157498	17.972	ug/l	97
37) Ethyl Acetate	7.404	43	261923	21.716	ug/l	97
38) Carbon Tetrachloride	8.204	117	156986	18.520	ug/l	95
39) Methylcyclohexane	9.457	83	188334	18.268	ug/l	91
40) Benzene	8.457	78	527159	19.965	ug/l	98

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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)
41) Methacrylonitrile	7.633	41	141705	24.008	ug/l #	84
42) 1,2-Dichloroethane	8.527	62	210145	22.871	ug/l	98
43) Isopropyl Acetate	8.557	43	413678	22.936	ug/l	96
44) Trichloroethene	9.210	130	122347	19.638	ug/l	97
45) 1,2-Dichloropropane	9.486	63	148702	20.979	ug/l	99
46) Dibromomethane	9.574	93	95288	21.842	ug/l	96
47) Bromodichloromethane	9.757	83	184753	20.955	ug/l	97
48) Methyl methacrylate	9.557	41	191327	22.890	ug/l #	83
49) 1,4-Dioxane	9.563	88	63324	435.857	ug/l #	86
51) 4-Methyl-2-Pentanone	10.327	43	1292282	115.450	ug/l	100
52) Toluene	10.498	92	327448	20.139	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	207831	21.385	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	226513	21.331	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	146027	22.413	ug/l	98
56) Ethyl methacrylate	10.757	69	241478	22.695	ug/l	92
57) 1,3-Dichloropropane	11.039	76	257795	22.044	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	283438	140.528	ug/l	96
59) 2-Hexanone	11.080	43	932308	122.072	ug/l	100
60) Dibromochloromethane	11.233	129	137773	21.282	ug/l	98
61) 1,2-Dibromoethane	11.339	107	146091	21.939	ug/l	98
64) Tetrachloroethene	10.974	164	102178	18.541	ug/l	97
65) Chlorobenzene	11.768	112	346866	20.441	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	130353	20.949	ug/l	99
67) Ethyl Benzene	11.839	91	606964	20.229	ug/l	97
68) m/p-Xylenes	11.951	106	460853	41.986	ug/l	98
69) o-Xylene	12.274	106	233342	21.208	ug/l	96
70) Styrene	12.292	104	369680	21.706	ug/l	97
71) Bromoform	12.451	173	104991	22.219	ug/l #	99
73) Isopropylbenzene	12.574	105	588014	18.835	ug/l	99
74) N-amyl acetate	12.386	43	274302	23.369	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	229665	23.393	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	178263m	21.079	ug/l	
77) Bromobenzene	12.857	156	150396	20.660	ug/l	83
78) n-propylbenzene	12.915	91	636660	19.005	ug/l	97
79) 2-Chlorotoluene	13.004	91	410610	19.094	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	472519	19.455	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	61423	20.503	ug/l	98
82) 4-Chlorotoluene	13.104	91	380097	19.844	ug/l	95
83) tert-Butylbenzene	13.321	119	429571	19.818	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	469454	20.179	ug/l	99
85) sec-Butylbenzene	13.498	105	558788	19.396	ug/l	99
86) p-Isopropyltoluene	13.610	119	460815	20.338	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	234366	19.814	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	226444	19.585	ug/l	98
89) n-Butylbenzene	13.939	91	340173	19.196	ug/l	96
90) Hexachloroethane	14.204	117	77956	17.302	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	236341	20.783	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	39522	21.758	ug/l	89
93) 1,2,4-Trichlorobenzene	15.256	180	109541	22.395	ug/l	99
94) Hexachlorobutadiene	15.362	225	61433	19.244	ug/l	100
95) Naphthalene	15.504	128	399269	29.236	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	110347	23.249	ug/l	96

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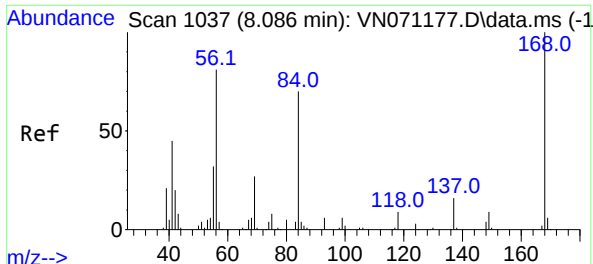
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
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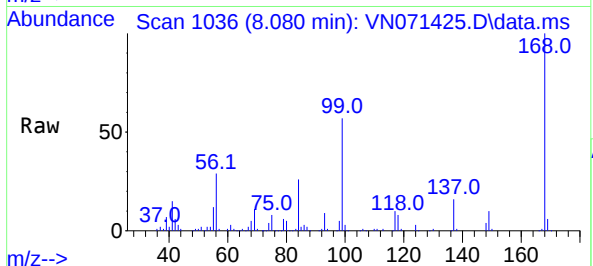
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071425.D
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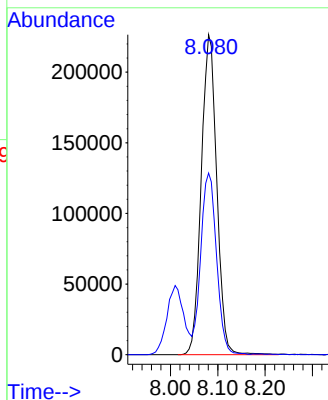
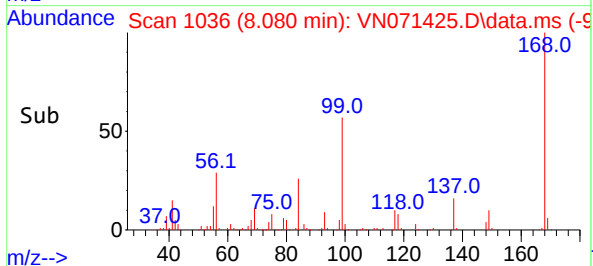
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion:168 Resp: 514550
Ion Ratio Lower Upper
168 100
99 56.6 41.3 61.9

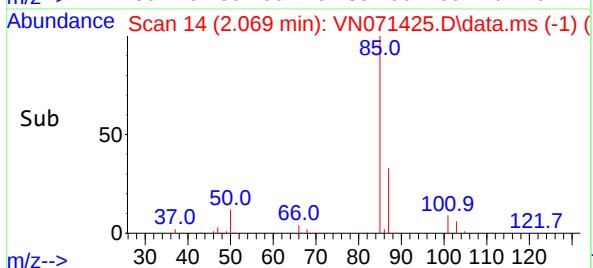
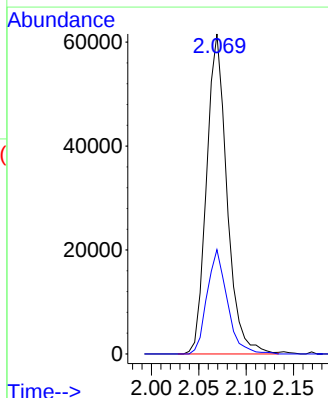
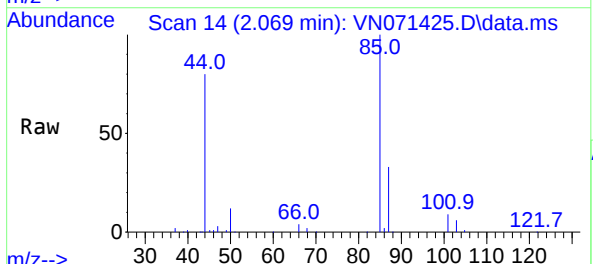
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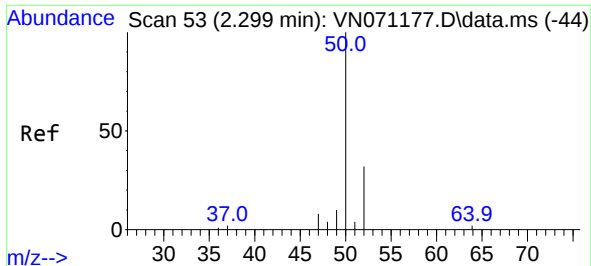
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#2
Dichlorodifluoromethane
Concen: 16.336 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

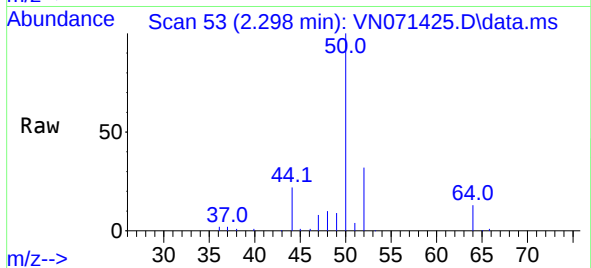
Tgt Ion: 85 Resp: 92124
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9





#3
Chloromethane
Concen: 18.084 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

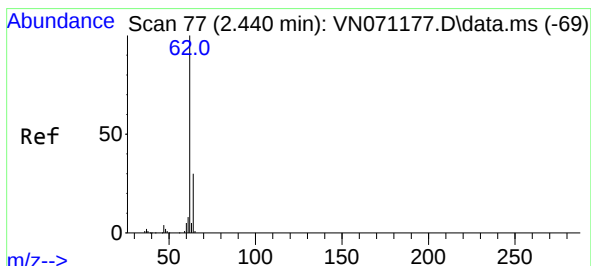
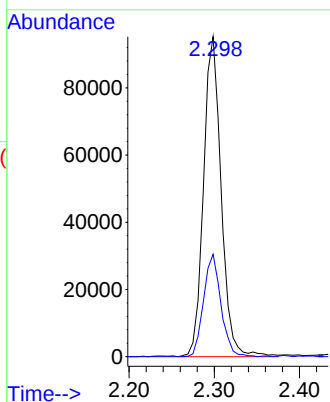
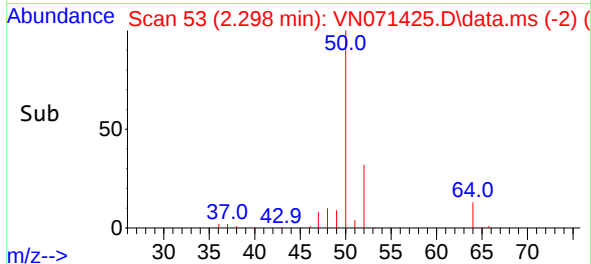
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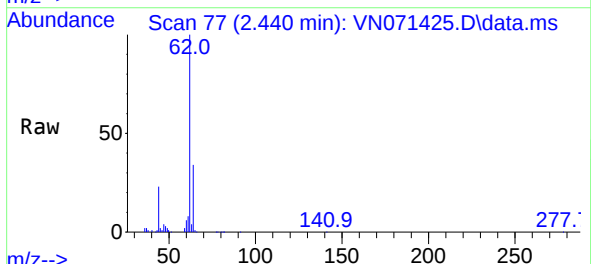
Tgt Ion: 50 Resp: 137078
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.0

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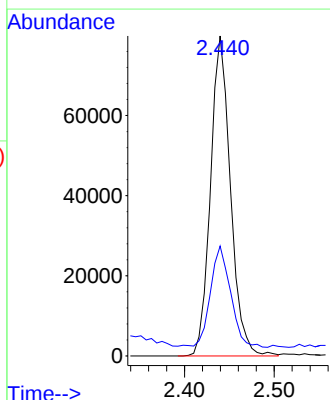
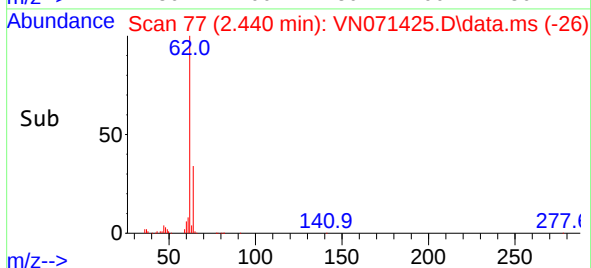
Reviewed By :John Carlone 03/22/2022
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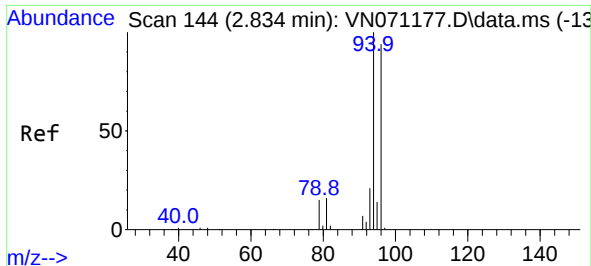


#4
Vinyl Chloride
Concen: 17.893 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



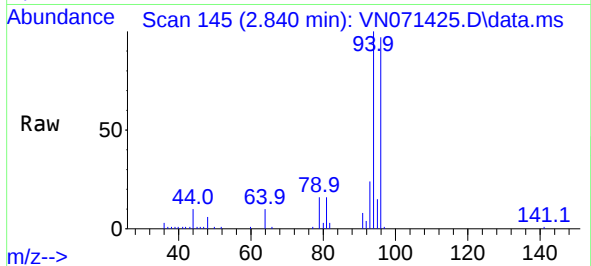
Tgt Ion: 62 Resp: 123664
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5
Bromomethane
Concen: 20.544 ug/l
RT: 2.840 min Scan# 144
Delta R.T. 0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

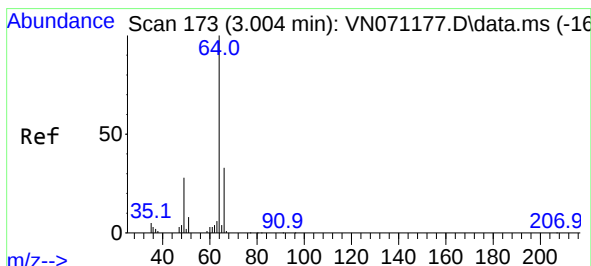
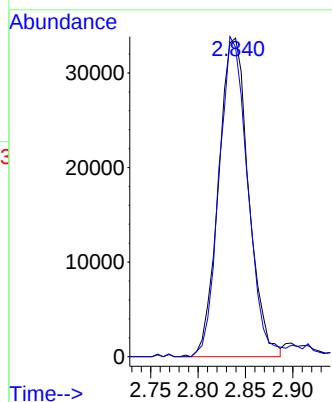
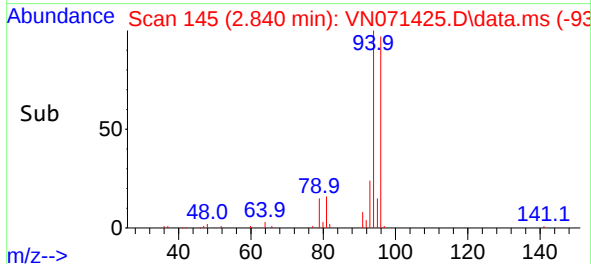
Instrument :
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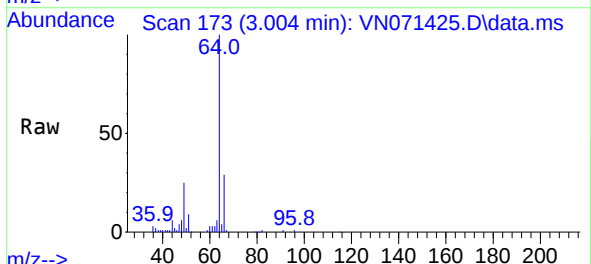
Tgt Ion: 94 Resp: 7426
Ion Ratio Lower Upper
94 100
96 97.1 73.8 110.8

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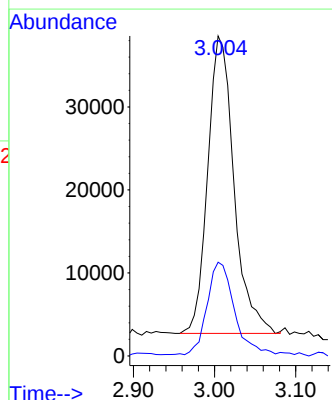
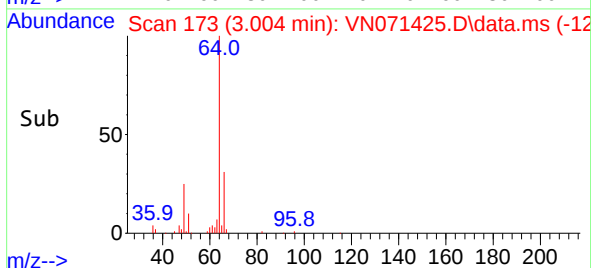
Reviewed By :John Carlone 03/22/2022
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#6
Chloroethane
Concen: 19.273 ug/l
RT: 3.004 min Scan# 173
Delta R.T. 0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



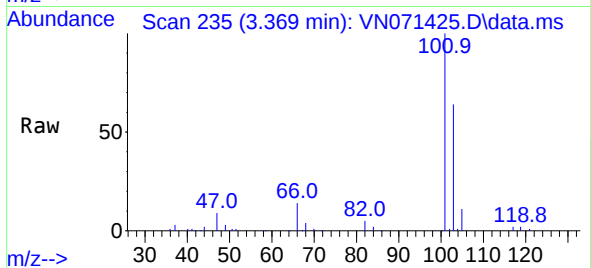
Tgt Ion: 64 Resp: 80664
Ion Ratio Lower Upper
64 100
66 30.8 26.3 39.5





#7
Trichlorofluoromethane
Concen: 18.603 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071425.D
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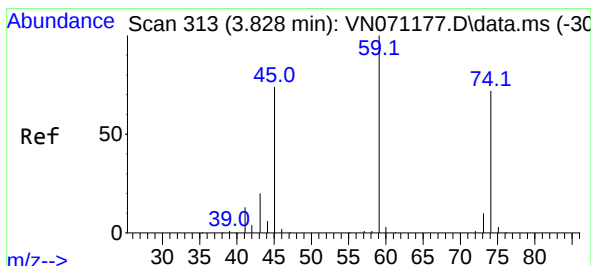
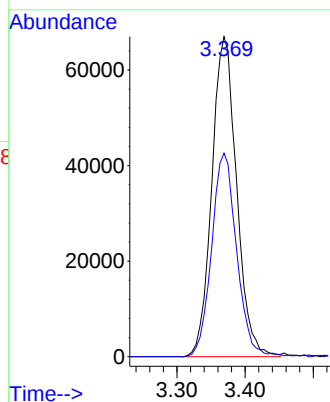
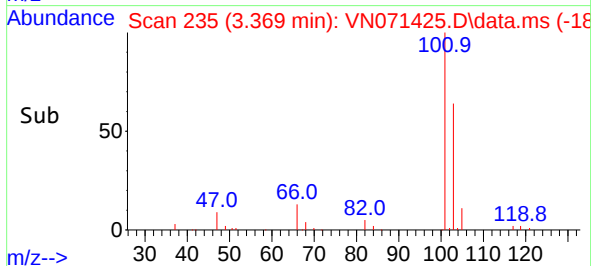
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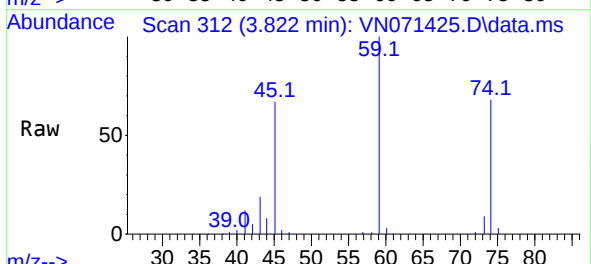
Tgt Ion:101 Resp: 16922
Ion Ratio Lower Upper
101 100
103 63.6 50.1 75.1

Manual Integrations
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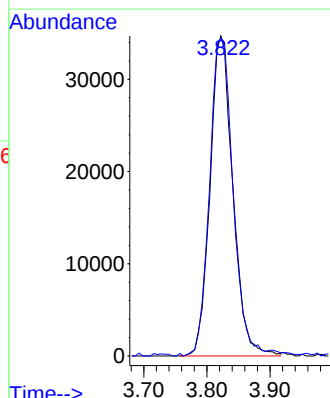
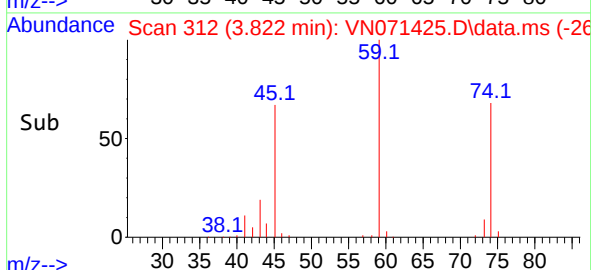
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#8
Diethyl Ether
Concen: 22.357 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



Tgt Ion: 74 Resp: 87026
Ion Ratio Lower Upper
74 100
45 102.1 47.0 141.2





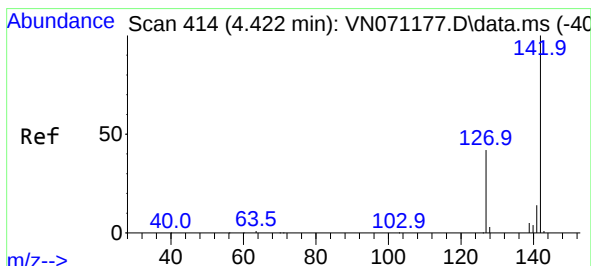
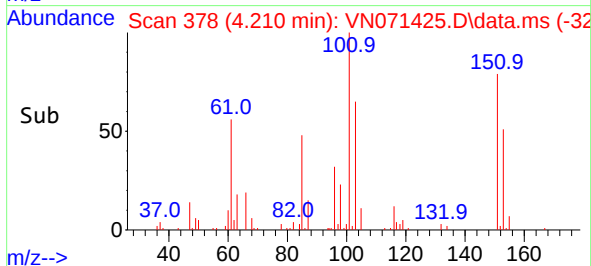
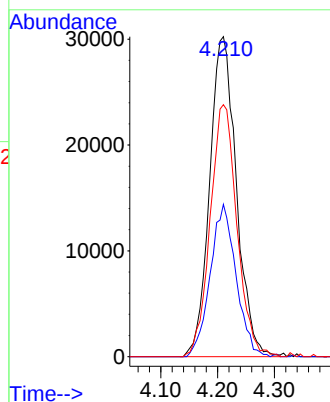
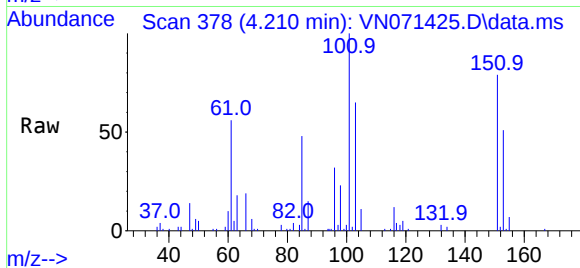
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.782 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN071425.D
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Tgt Ion:101 Resp: 9890
Ion Ratio Lower Upper
101 100
85 45.9 37.2 55.8
151 78.8 65.9 98.9

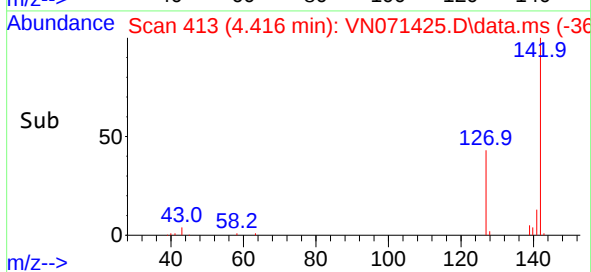
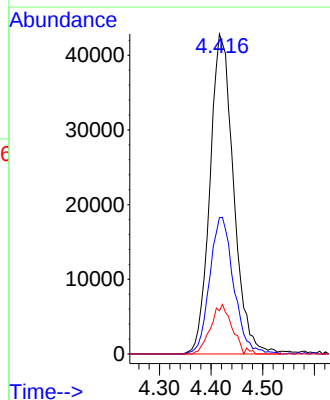
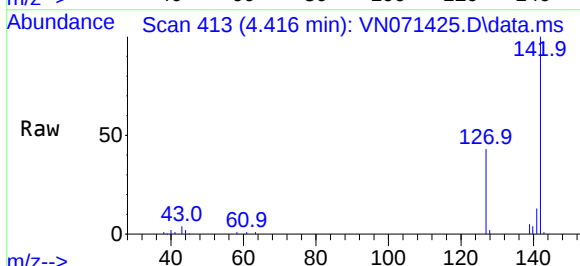
Manual Integrations
APPROVED

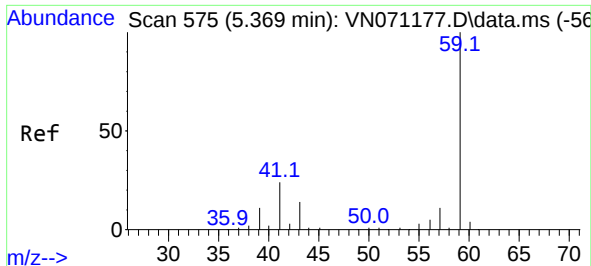
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#10
Methyl Iodide
Concen: 18.290 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

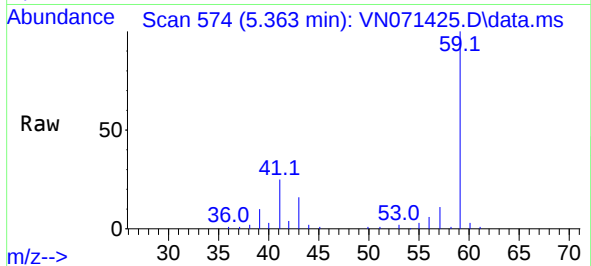
Tgt Ion:142 Resp: 136034
Ion Ratio Lower Upper
142 100
127 43.5 35.4 53.0
141 13.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 112.971 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

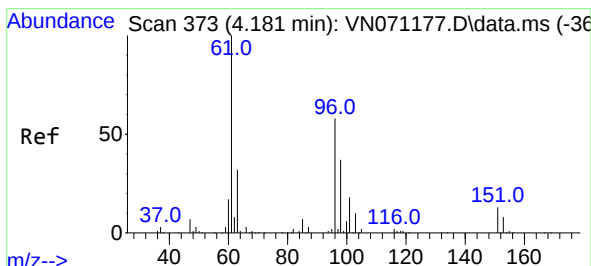
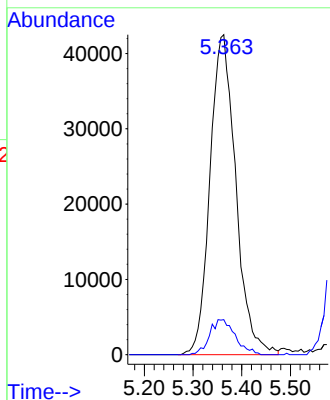
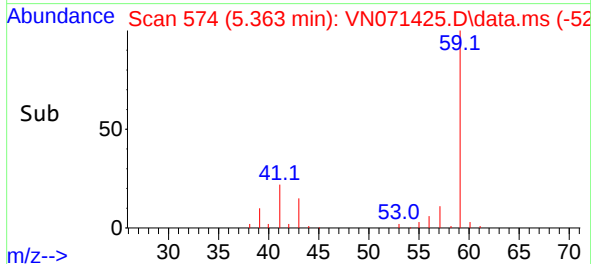
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 59 Resp: 156508
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

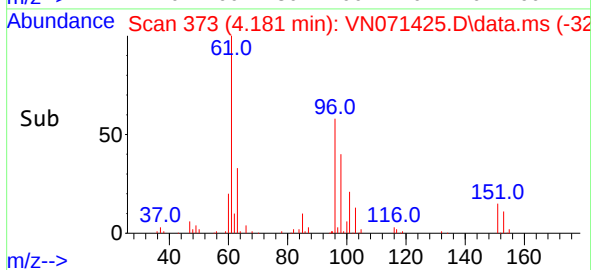
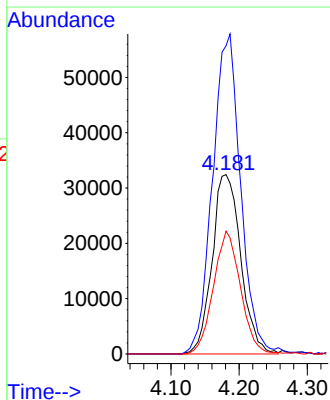
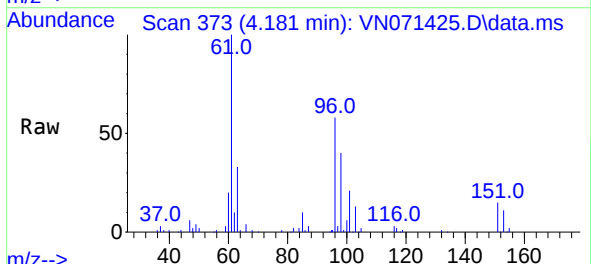
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#12
1,1-Dichloroethene
Concen: 18.386 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

Tgt Ion: 96 Resp: 94848
Ion Ratio Lower Upper
96 100
61 171.8 131.0 196.6
98 68.5 52.4 78.6





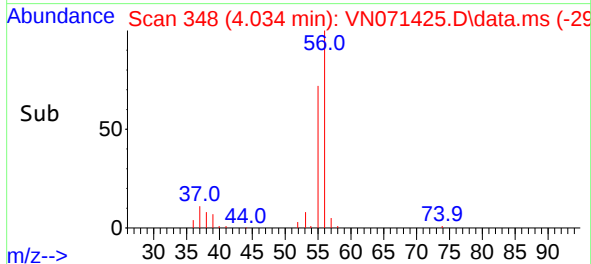
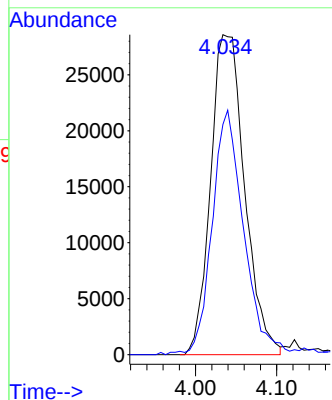
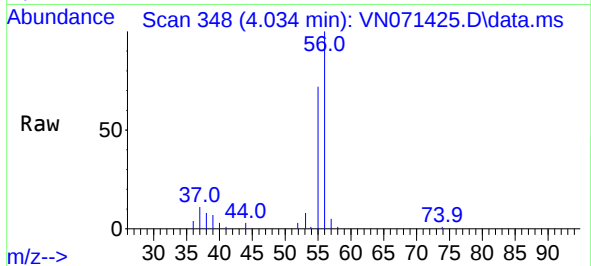
#13
Acrolein
Concen: 56.810 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion: 56 Resp: 8330
Ion Ratio Lower Upper
56 100
55 70.6 56.6 85.0

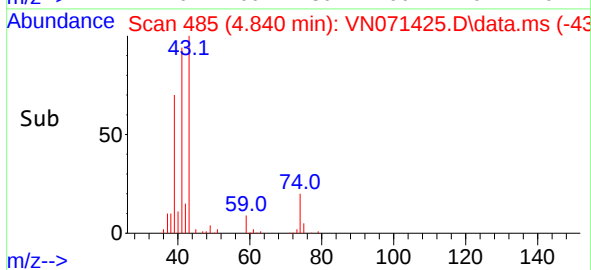
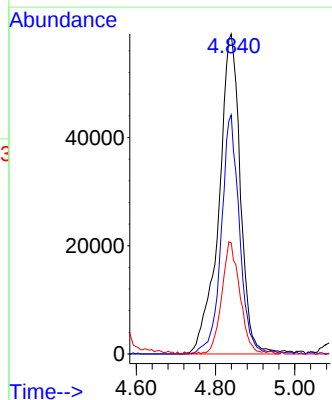
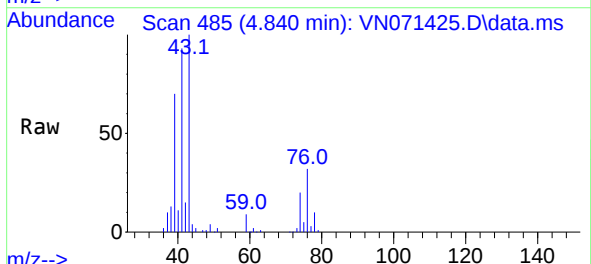
Manual Integrations
APPROVED

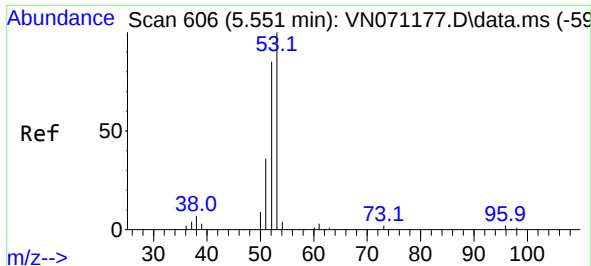
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#14
Allyl chloride
Concen: 19.843 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

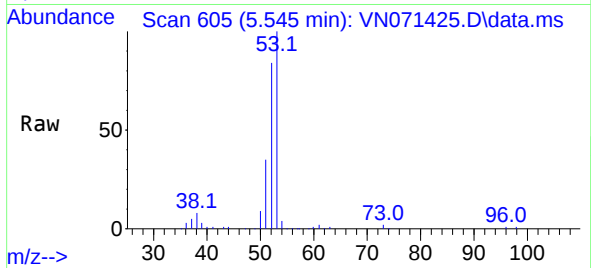
Tgt Ion: 41 Resp: 222634
Ion Ratio Lower Upper
41 100
39 63.0 61.2 91.8
76 29.5 26.0 39.0





#15
Acrylonitrile
Concen: 111.514 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

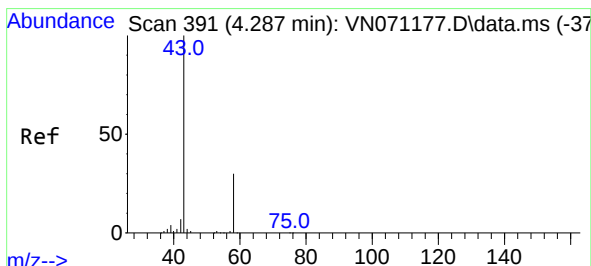
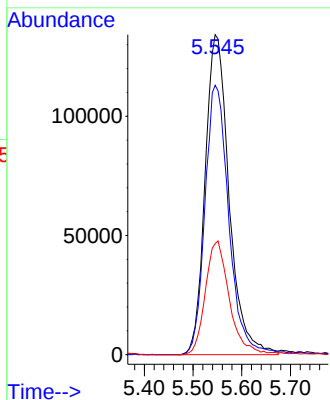
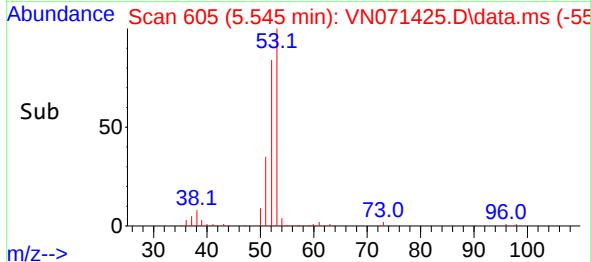
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



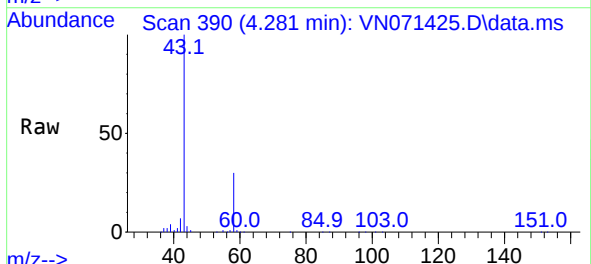
Tgt Ion: 53 Resp: 458724
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 35.4 29.6 44.4

Manual Integrations
APPROVED

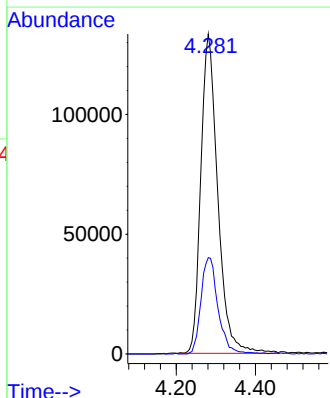
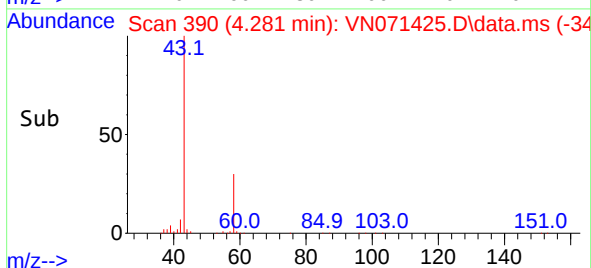
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

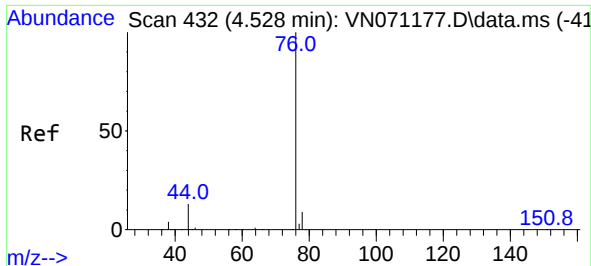


#16
Acetone
Concen: 115.071 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



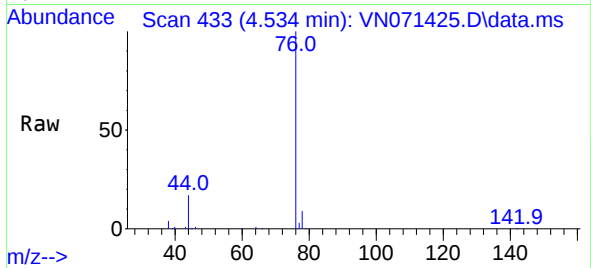
Tgt Ion: 43 Resp: 394850
Ion Ratio Lower Upper
43 100
58 30.2 23.1 34.7





#17
Carbon Disulfide
Concen: 14.914 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

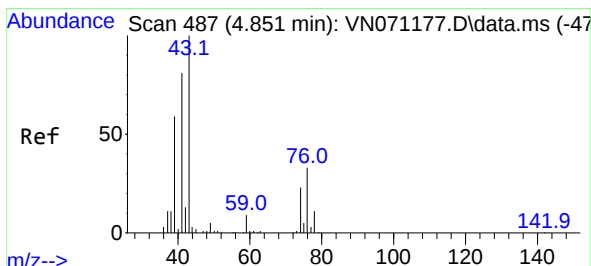
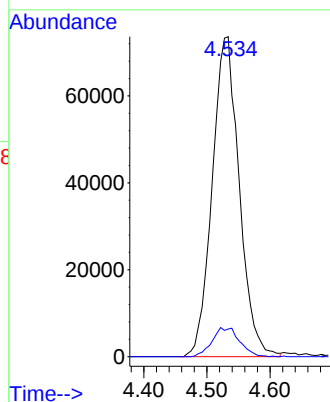
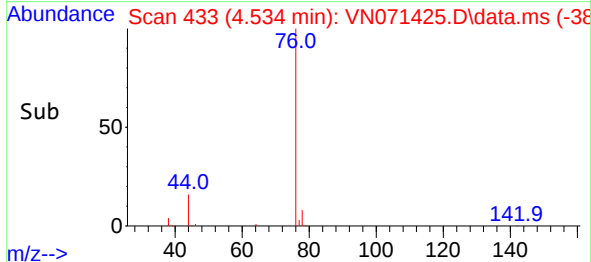
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 76 Resp: 21902
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

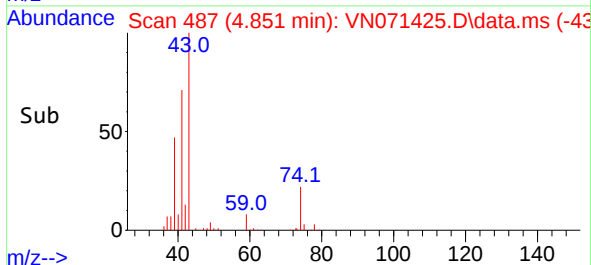
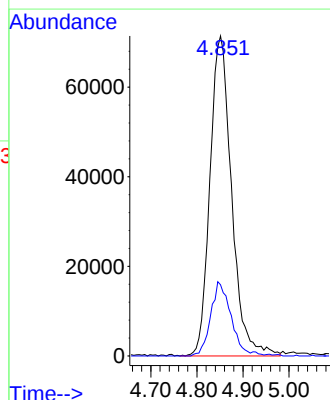
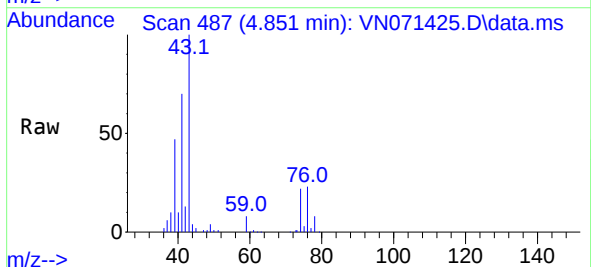
Manual Integrations
APPROVED

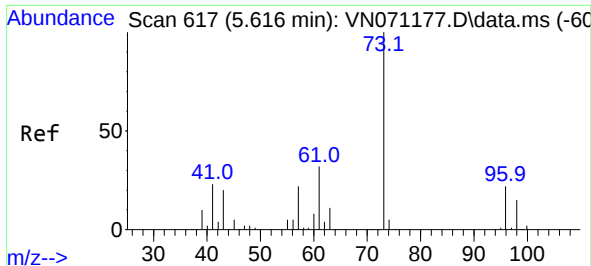
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#18
Methyl Acetate
Concen: 25.559 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

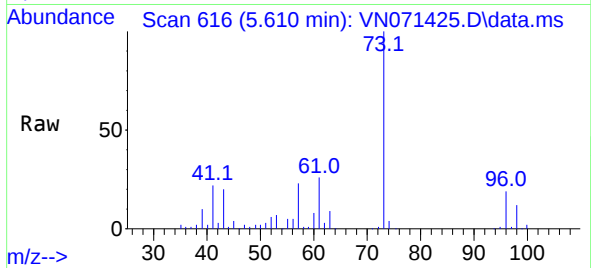
Tgt Ion: 43 Resp: 233402
Ion Ratio Lower Upper
43 100
74 21.4 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 24.241 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

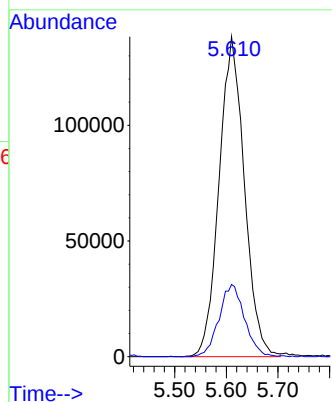
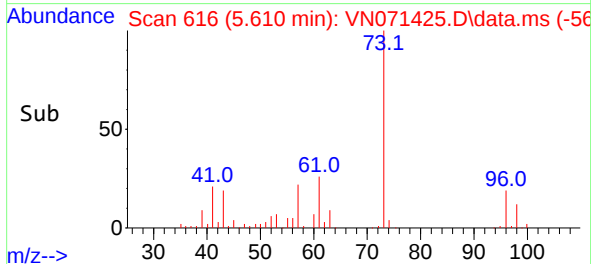
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



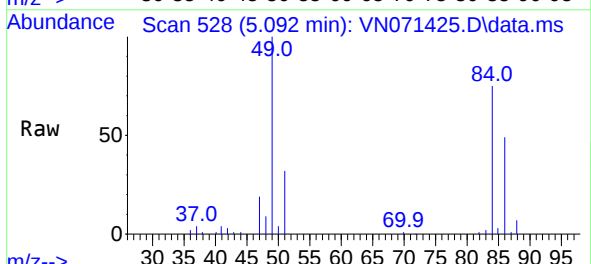
Tgt Ion: 73 Resp: 46949
Ion Ratio Lower Upper
73 100
57 22.5 16.8 25.2

Manual Integrations
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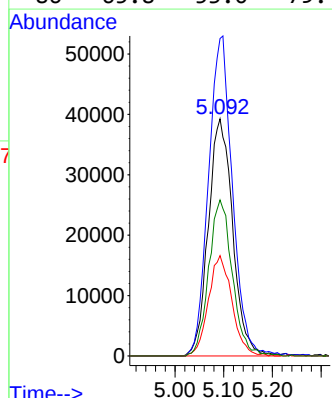
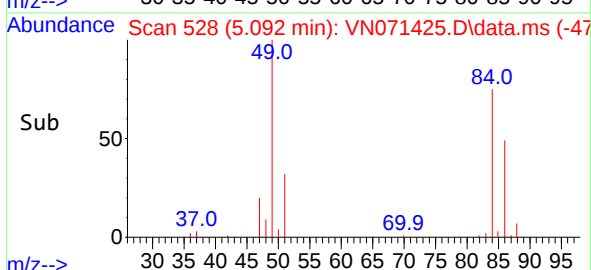
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#20
Methylene Chloride
Concen: 21.980 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



Tgt Ion: 84 Resp: 136493
Ion Ratio Lower Upper
84 100
49 133.9 93.5 140.3
51 42.3 29.4 44.2
86 65.8 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 19.188 ug/l

RT: 5.592 min Scan# 614

Delta R.T. -0.006 min

Lab File: VN071425.D

Acq: 21 Mar 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

Tgt Ion: 96 Resp: 108260

Ion Ratio Lower Upper

96 100

61 145.8 105.8 158.6

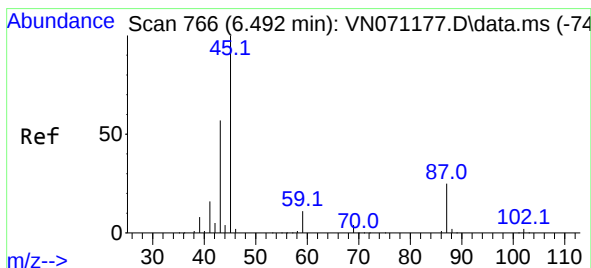
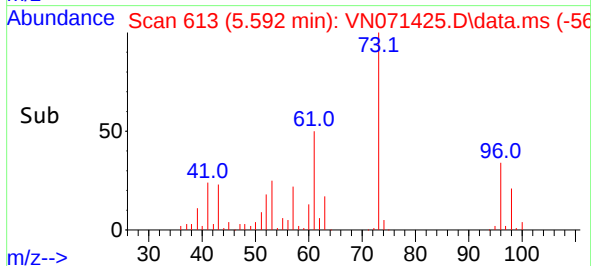
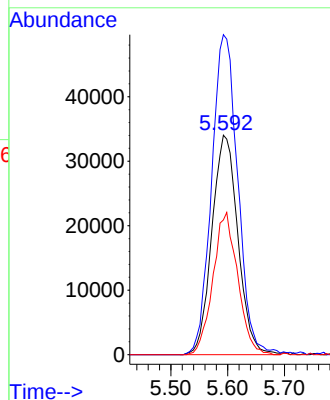
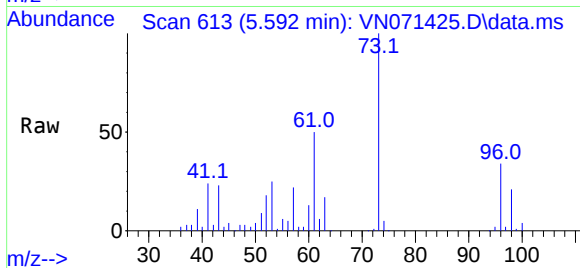
98 61.4 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#22

Diisopropyl ether

Concen: 22.802 ug/l

RT: 6.492 min Scan# 766

Delta R.T. -0.000 min

Lab File: VN071425.D

Acq: 21 Mar 2022 18:05

Tgt Ion: 45 Resp: 504024

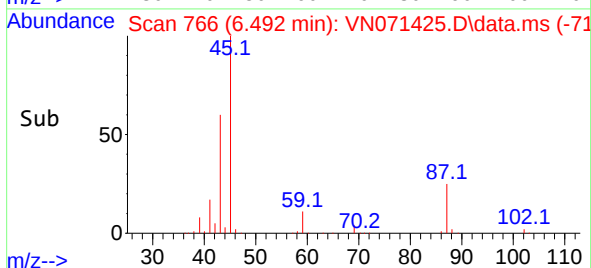
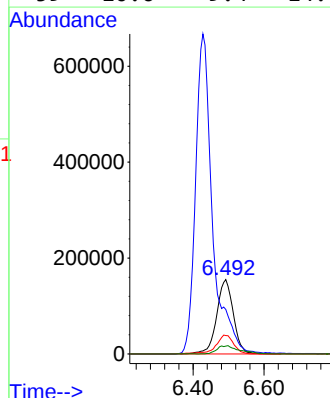
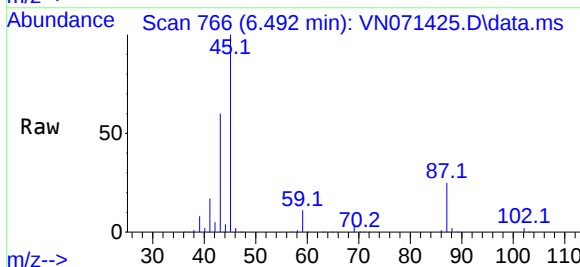
Ion Ratio Lower Upper

45 100

43 59.0 51.7 77.5

87 24.8 23.2 34.8

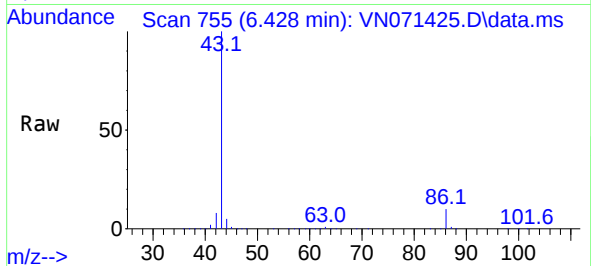
59 10.6 9.4 14.0





#23
 Vinyl Acetate
 Concen: 117.768 ug/l
 RT: 6.428 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071425.D
 Acq: 21 Mar 2022 18:05

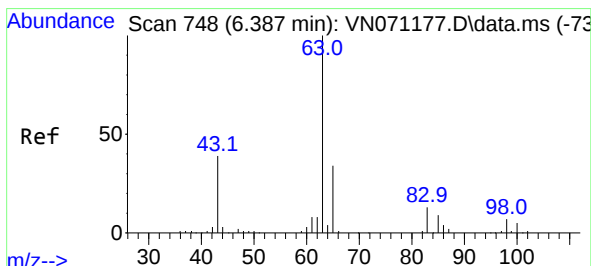
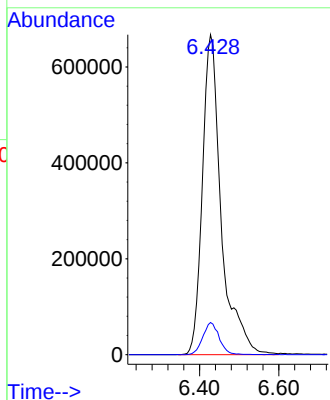
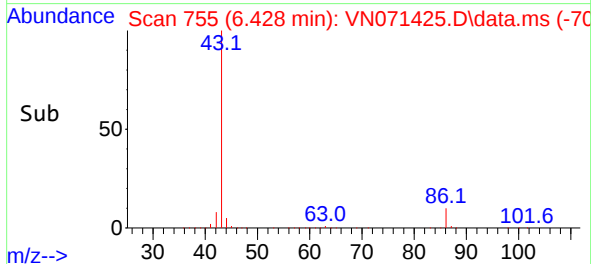
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01



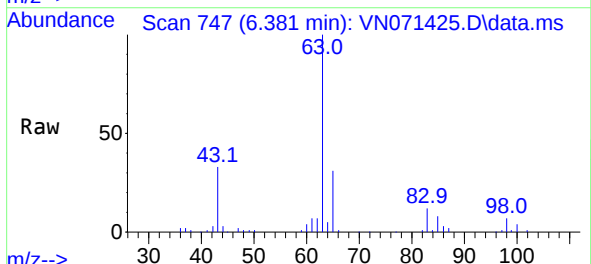
Tgt Ion: 43 Resp: 220378
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.5 12.7

Manual Integrations
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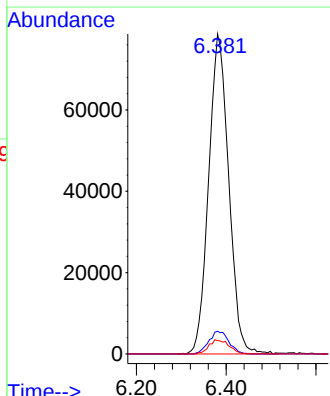
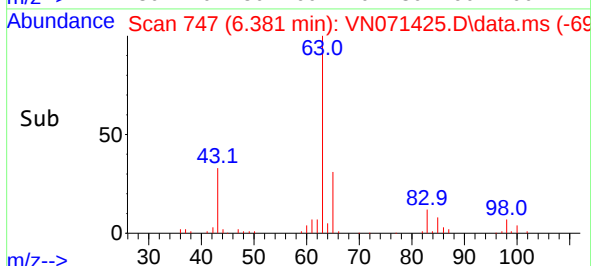
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022



#24
 1,1-Dichloroethane
 Concen: 20.925 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071425.D
 Acq: 21 Mar 2022 18:05



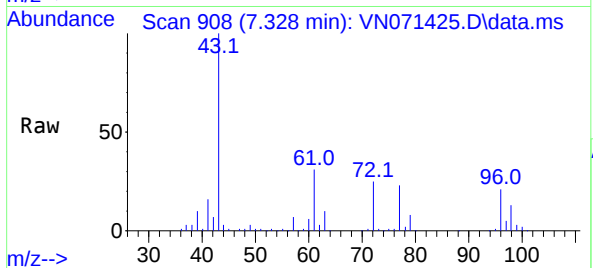
Tgt Ion: 63 Resp: 244401
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.2 2.1 6.5





#25
2-Butanone
Concen: 116.584 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

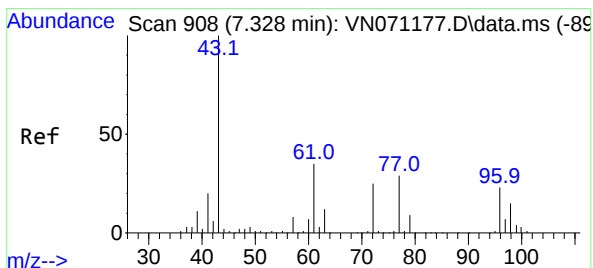
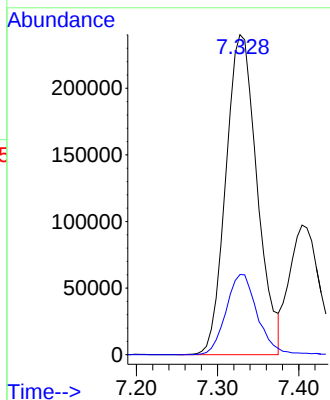
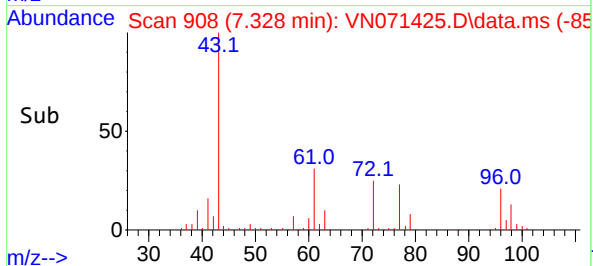
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



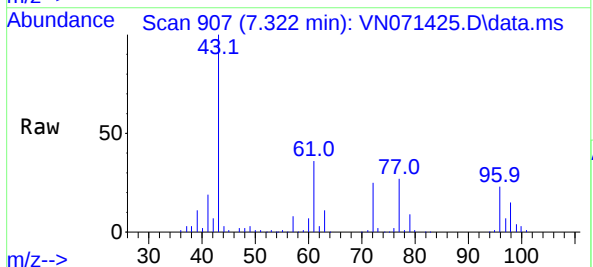
Tgt Ion: 43 Resp: 644423
Ion Ratio Lower Upper
43 100
72 25.0 21.7 32.5

Manual Integrations
APPROVED

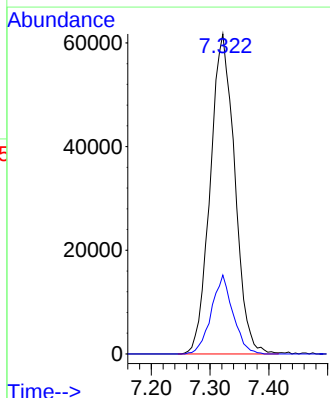
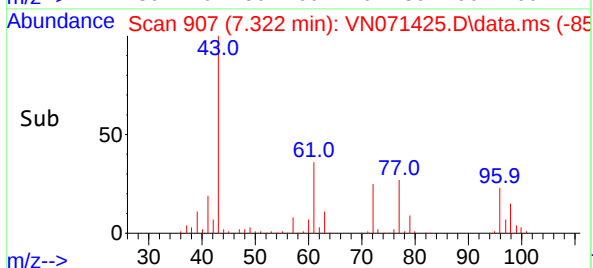
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#26
2,2-Dichloropropane
Concen: 19.836 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



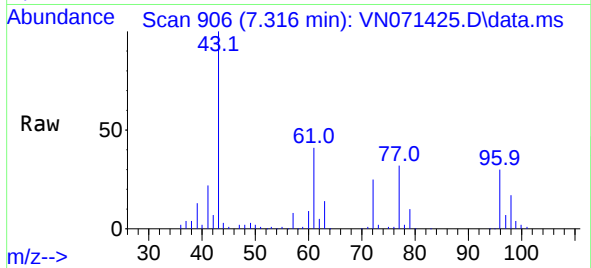
Tgt Ion: 77 Resp: 178742
Ion Ratio Lower Upper
77 100
97 21.8 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 21.577 ug/l
 RT: 7.316 min Scan# 908
 Delta R.T. -0.012 min
 Lab File: VN071425.D
 Acq: 21 Mar 2022 18:05

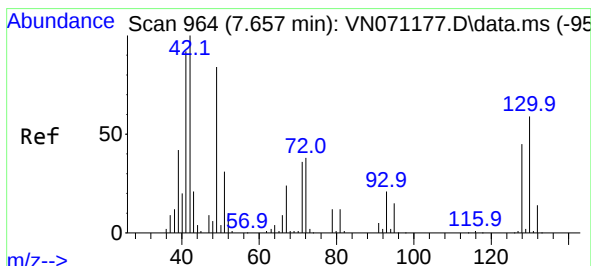
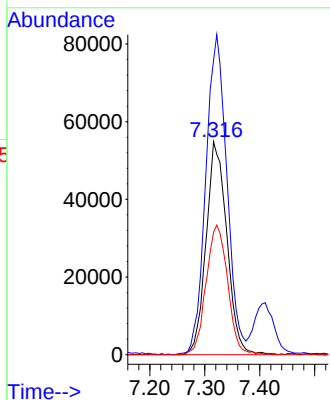
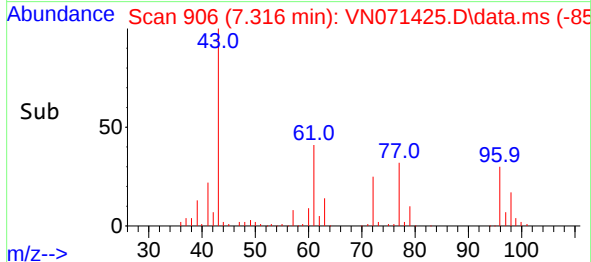
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01



Tgt Ion: 96 Resp: 144500
 Ion Ratio Lower Upper
 96 100
 61 152.3 0.0 275.0
 98 62.9 0.0 129.6

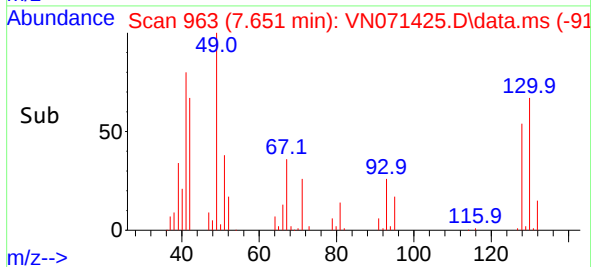
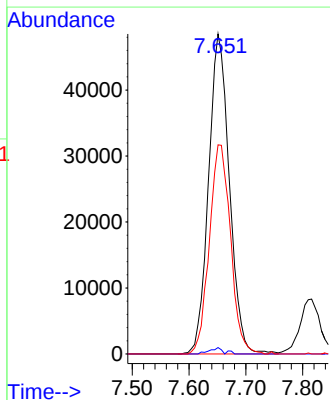
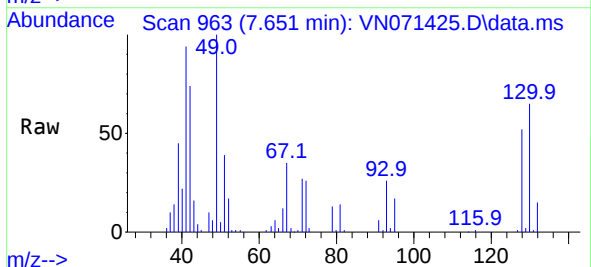
Manual Integrations
 APPROVED

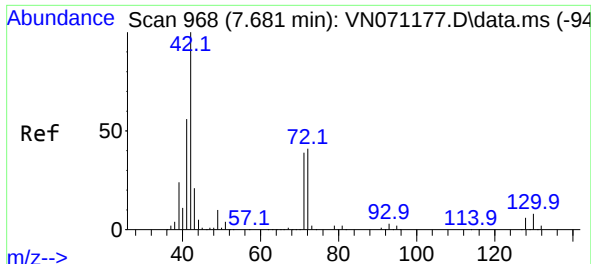
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022



#28
 Bromochloromethane
 Concen: 23.693 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN071425.D
 Acq: 21 Mar 2022 18:05

Tgt Ion: 49 Resp: 123237
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.0
 130 66.6 67.8 101.8#





#29

Tetrahydrofuran

Concen: 114.955 ug/l

RT: 7.680 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN071425.D

Acq: 21 Mar 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

Tgt Ion: 42 Resp: 440204

Ion Ratio Lower Upper

42 100

72 39.9 36.3 54.5

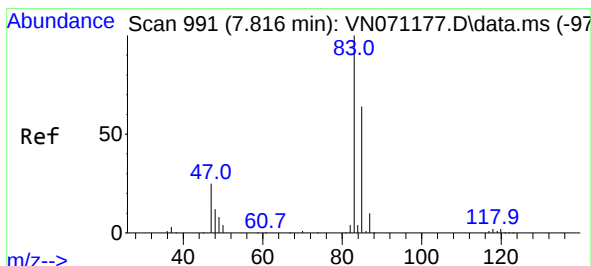
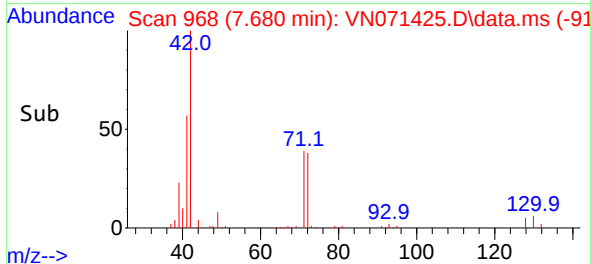
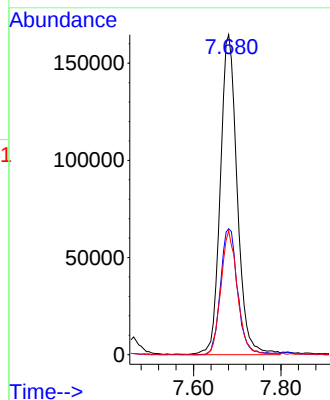
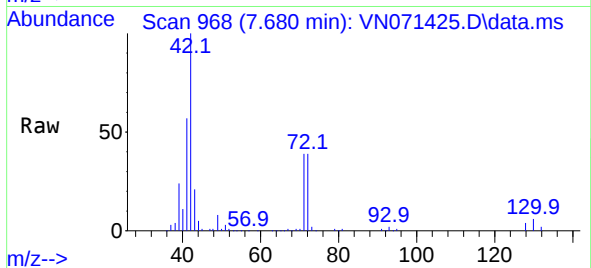
71 37.7 34.7 52.1

Manual Integrations

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Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#30

Chloroform

Concen: 21.832 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.006 min

Lab File: VN071425.D

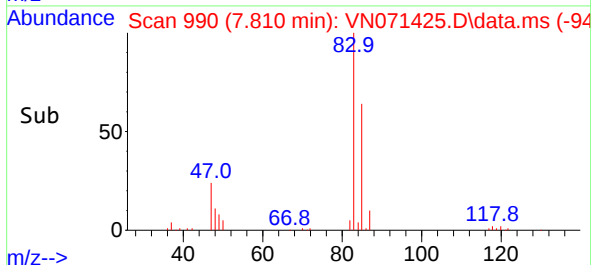
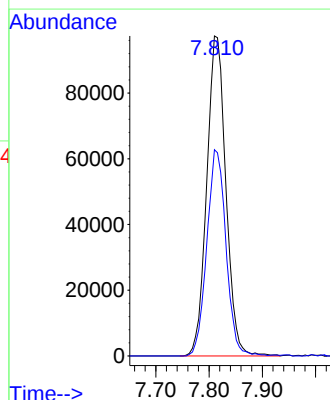
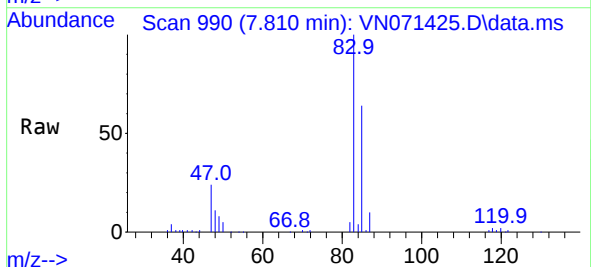
Acq: 21 Mar 2022 18:05

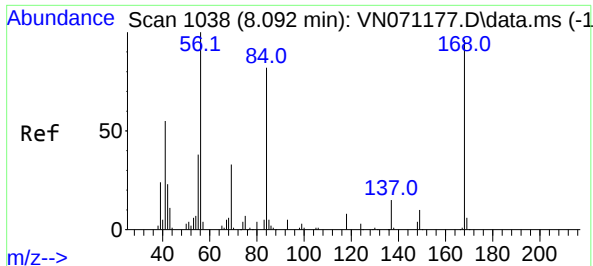
Tgt Ion: 83 Resp: 243217

Ion Ratio Lower Upper

83 100

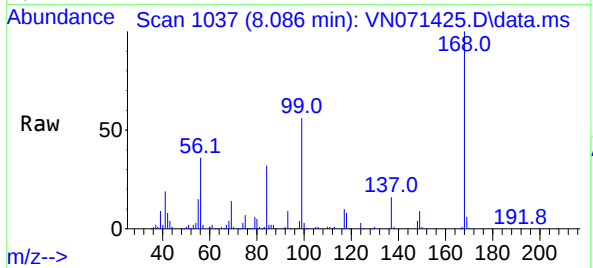
85 64.5 51.9 77.9





#31
Cyclohexane
Concen: 18.253 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

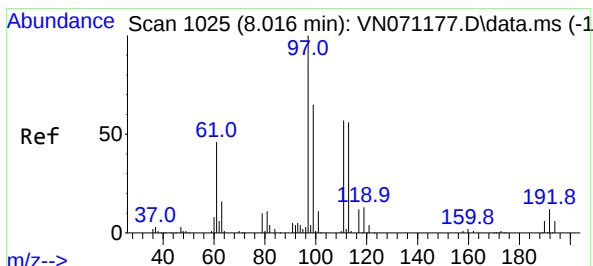
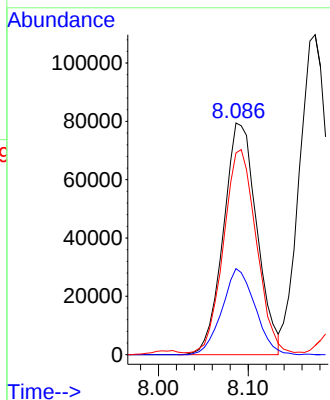
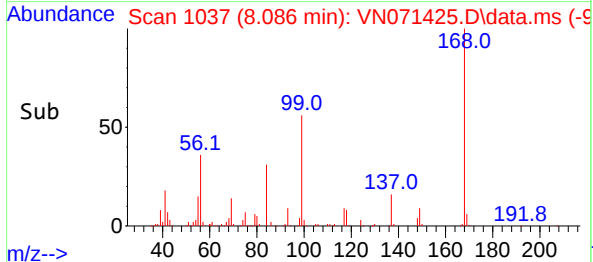
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



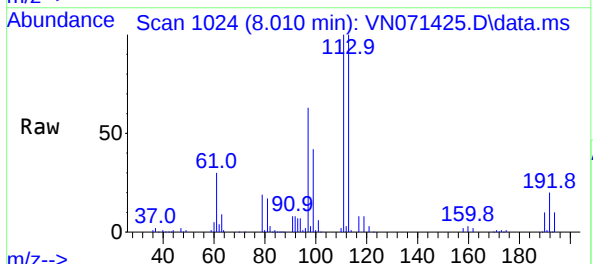
Tgt Ion: 56 Resp: 20555
Ion Ratio Lower Upper
56 100
69 37.1 27.1 40.7
84 86.0 73.4 110.0

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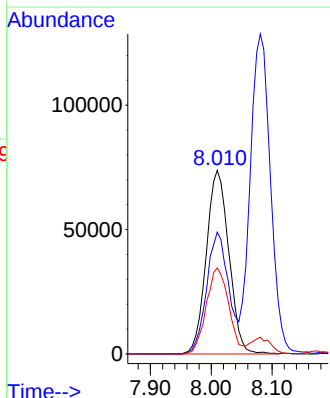
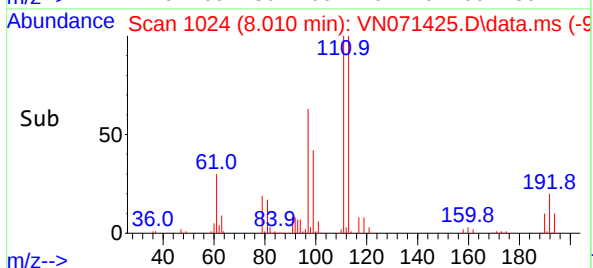
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

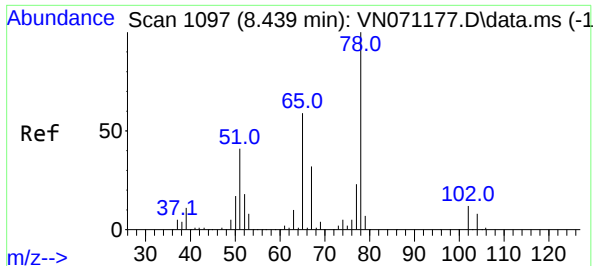


#32
1,1,1-Trichloroethane
Concen: 20.036 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



Tgt Ion: 97 Resp: 190126
Ion Ratio Lower Upper
97 100
99 65.3 50.1 75.1
61 47.0 35.2 52.8





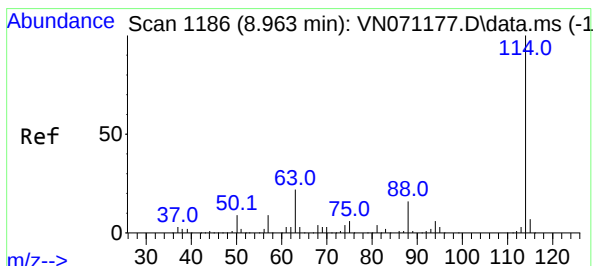
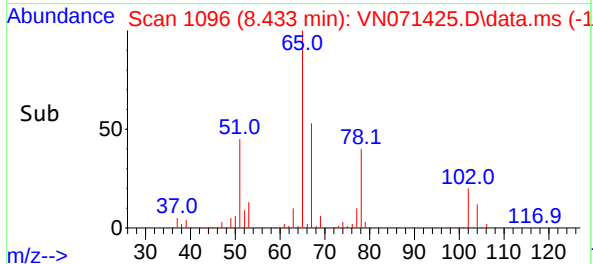
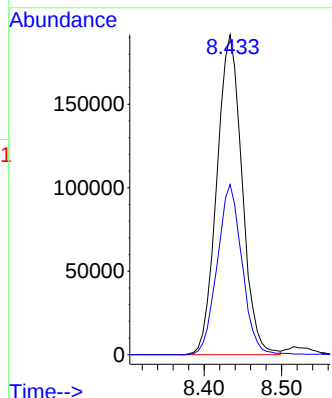
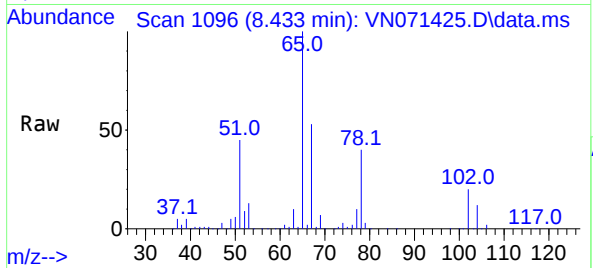
#33
1,2-Dichloroethane-d4
Concen: 61.521 ug/l
RT: 8.433 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion: 65 Resp: 43385
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0

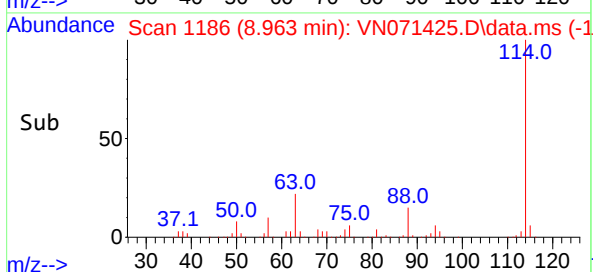
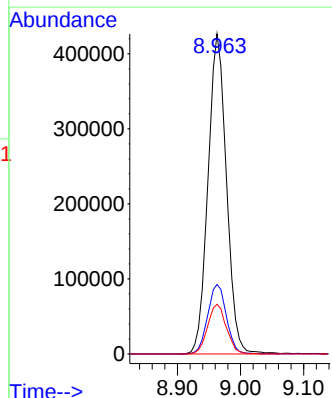
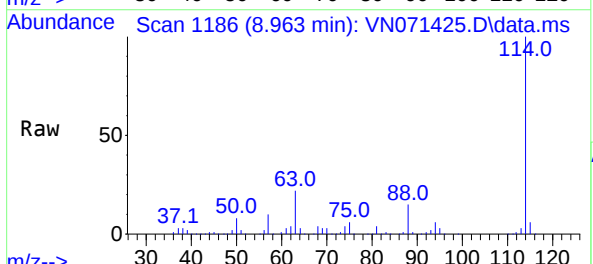
Manual Integrations
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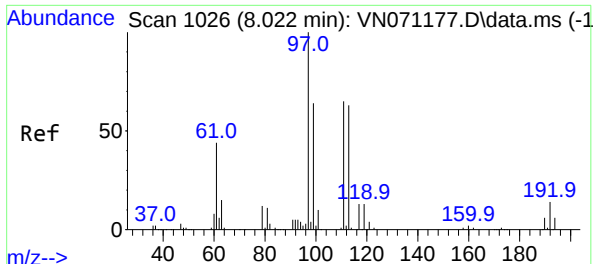
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

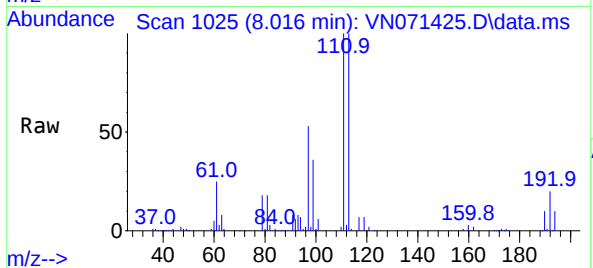
Tgt Ion:114 Resp: 866792
Ion Ratio Lower Upper
114 100
63 21.7 0.0 37.8
88 15.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 56.844 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

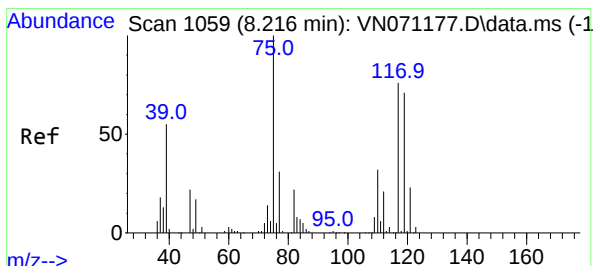
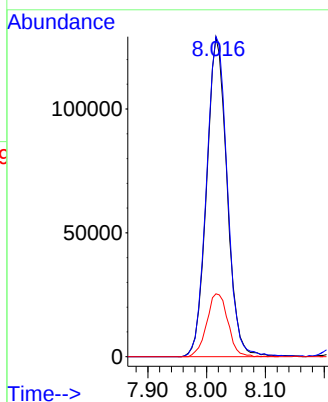
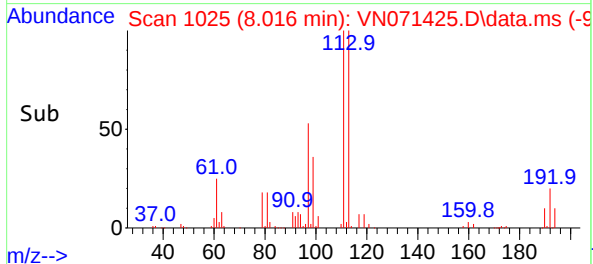
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



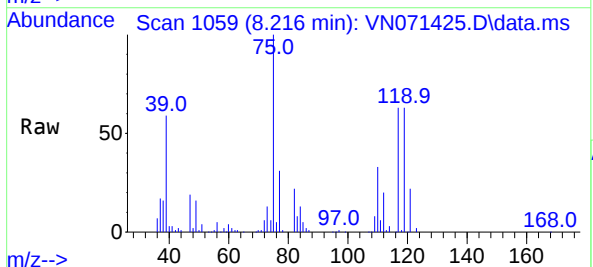
Tgt Ion:113 Resp: 31092
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 20.4 16.9 25.3

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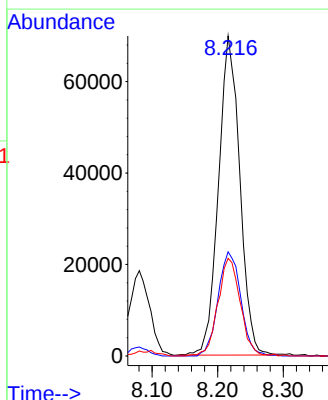
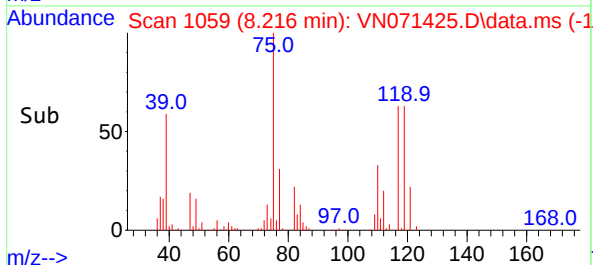
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

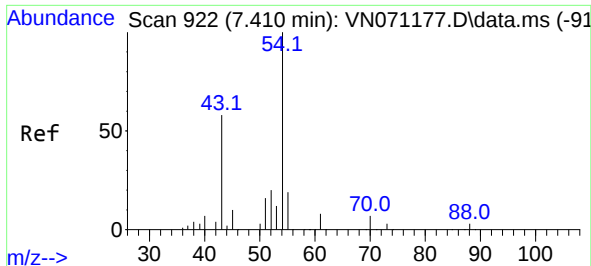


#36
1,1-Dichloropropene
Concen: 17.972 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



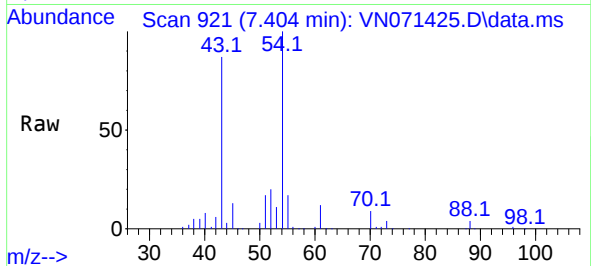
Tgt Ion: 75 Resp: 157498
Ion Ratio Lower Upper
75 100
110 34.7 18.4 55.2
77 32.1 24.4 36.6





#37
Ethyl Acetate
Concen: 21.716 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

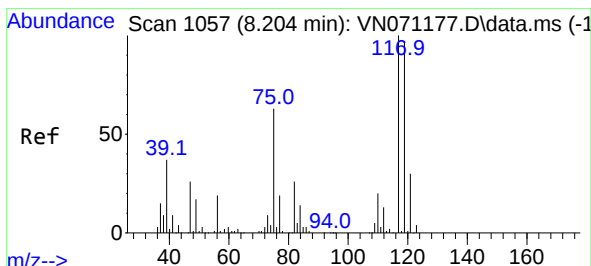
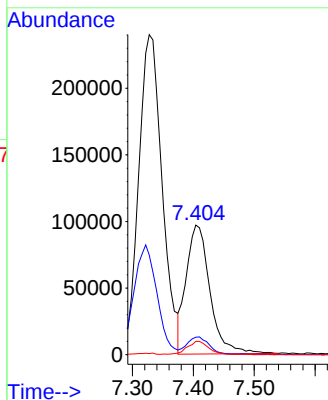
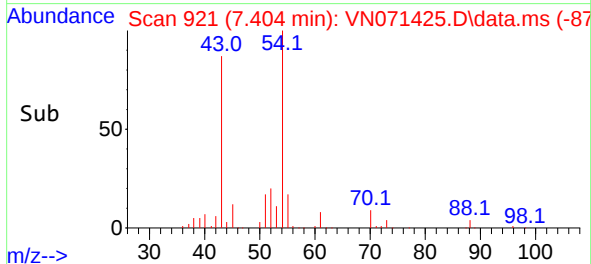
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 43 Resp: 26192
Ion Ratio Lower Upper
43 100
61 12.4 11.5 17.3
70 9.5 7.9 11.9

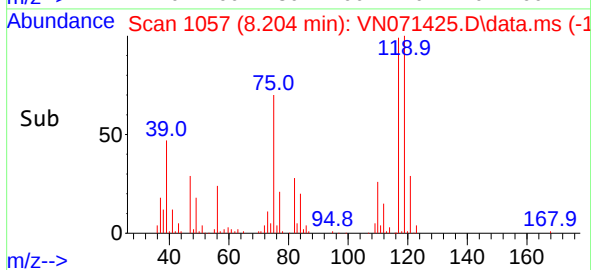
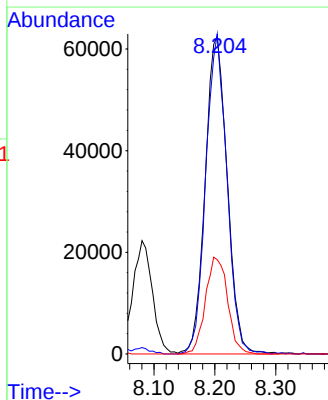
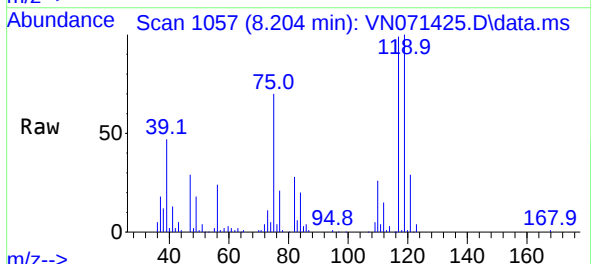
Manual Integrations
APPROVED

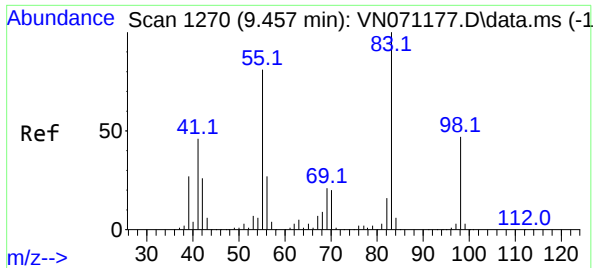
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#38
Carbon Tetrachloride
Concen: 18.520 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

Tgt Ion:117 Resp: 156986
Ion Ratio Lower Upper
117 100
119 100.8 76.1 114.1
121 29.7 24.2 36.2





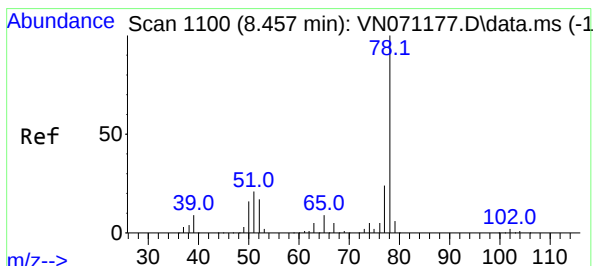
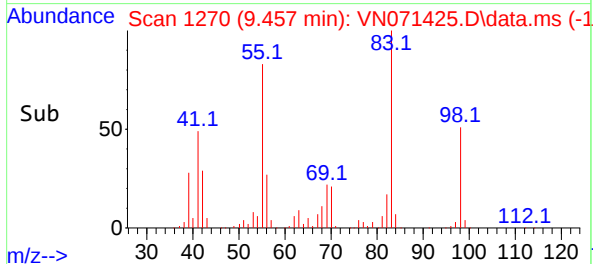
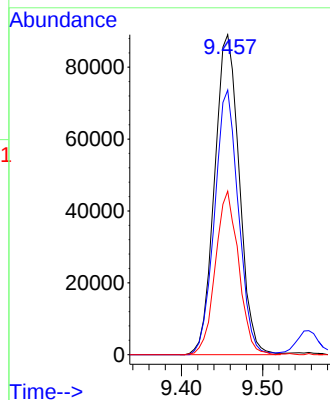
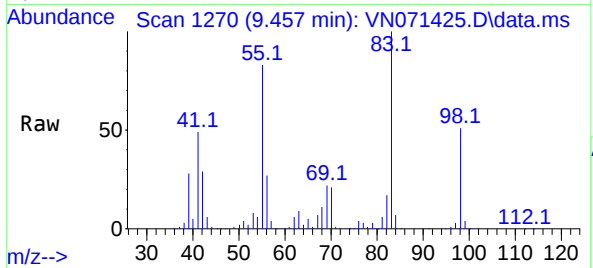
#39
Methylcyclohexane
Concen: 18.268 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion: 83 Resp: 188334
Ion Ratio Lower Upper
83 100
55 82.7 58.1 87.1
98 51.1 38.4 57.6

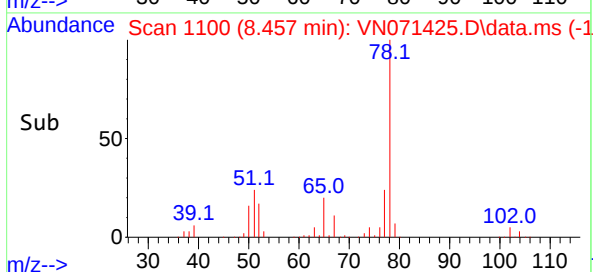
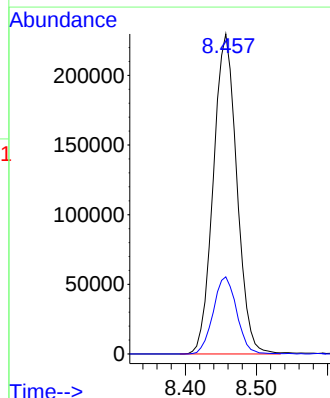
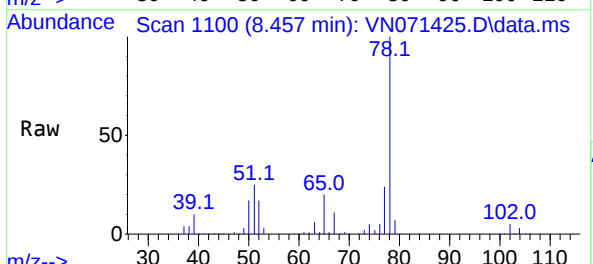
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#40
Benzene
Concen: 19.965 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

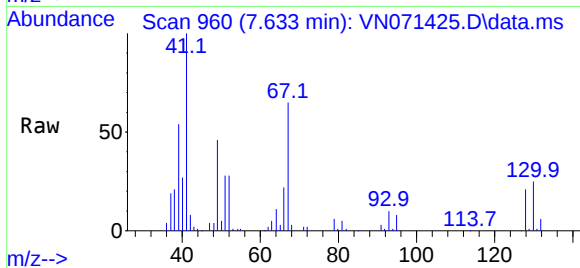
Tgt Ion: 78 Resp: 527159
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8





#41
Methacrylonitrile
Concen: 24.008 ug/l
RT: 7.633 min Scan# 960
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

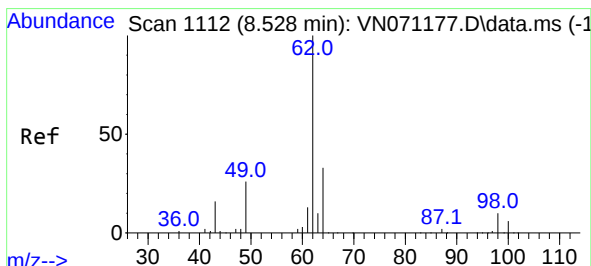
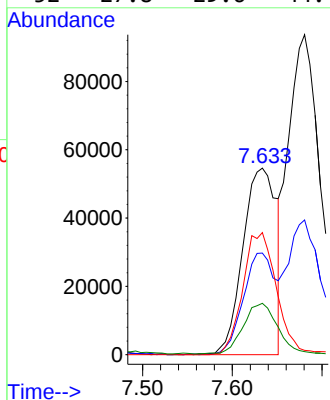
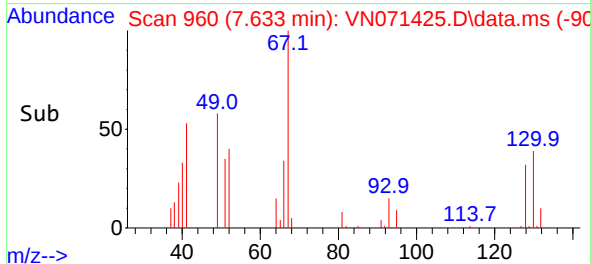
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



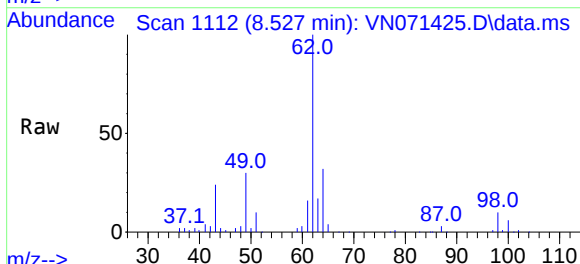
Tgt Ion: 41 Resp: 141705
Ion Ratio Lower Upper
41 100
39 52.0 48.1 72.1
67 66.8 68.3 102.5
52 27.8 29.6 44.4#

Manual Integrations
APPROVED

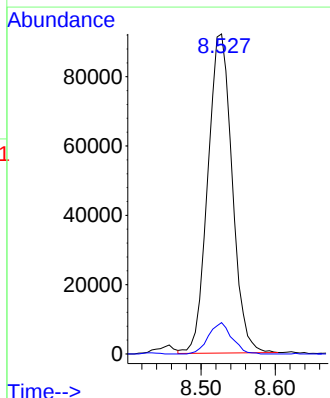
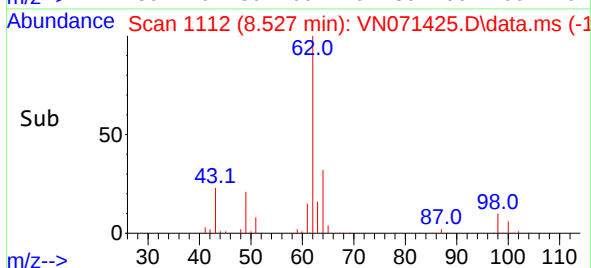
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

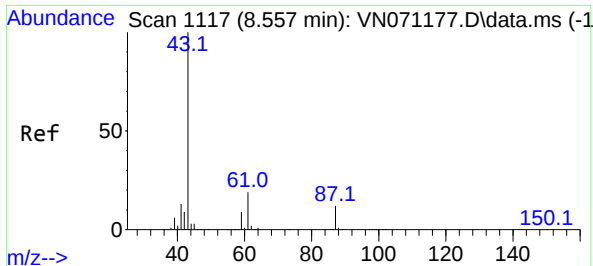


#42
1,2-Dichloroethane
Concen: 22.871 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.001 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



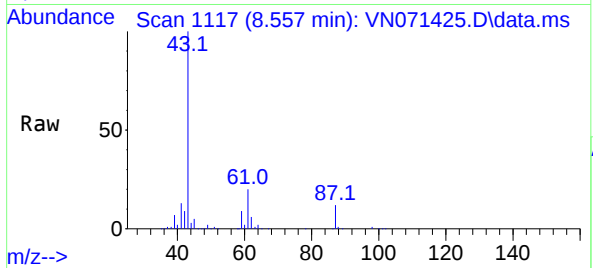
Tgt Ion: 62 Resp: 210145
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 22.936 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

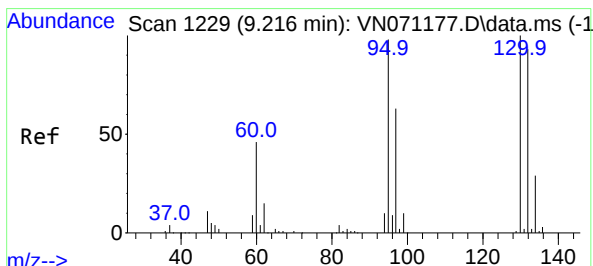
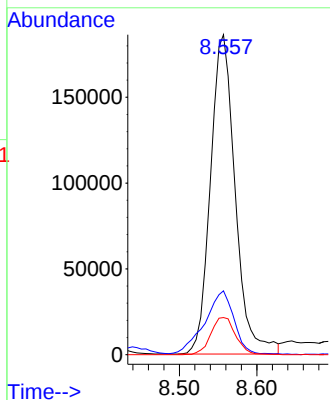
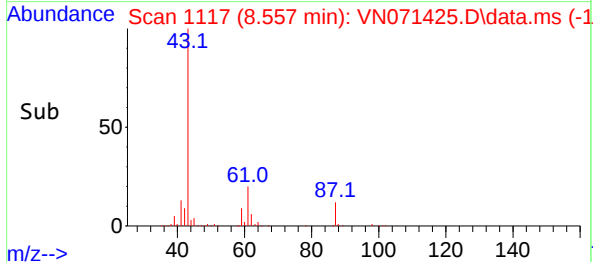
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



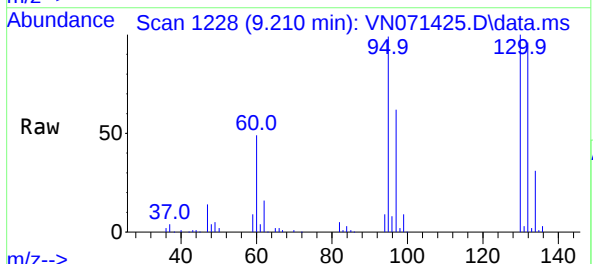
Tgt Ion: 43 Resp: 413678
Ion Ratio Lower Upper
43 100
61 24.0 20.4 30.6
87 11.7 11.2 16.8

Manual Integrations
APPROVED

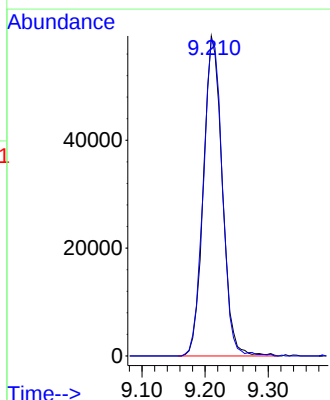
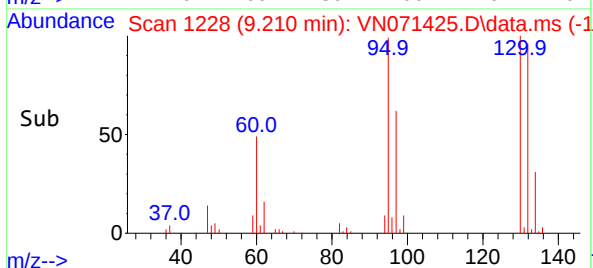
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

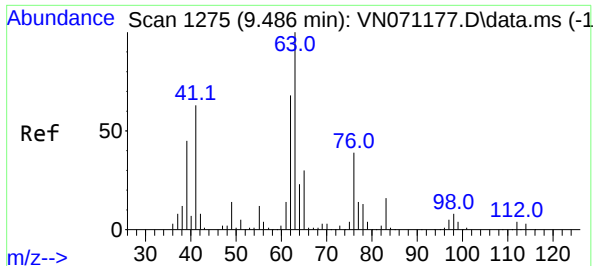


#44
Trichloroethene
Concen: 19.638 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



Tgt Ion:130 Resp: 122347
Ion Ratio Lower Upper
130 100
95 99.0 0.0 191.2





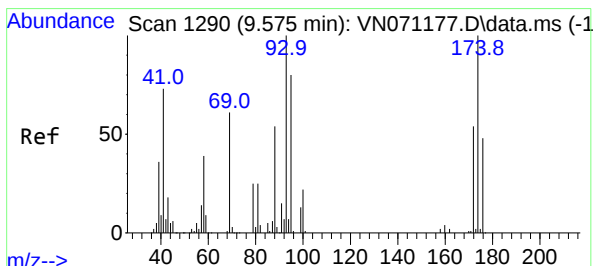
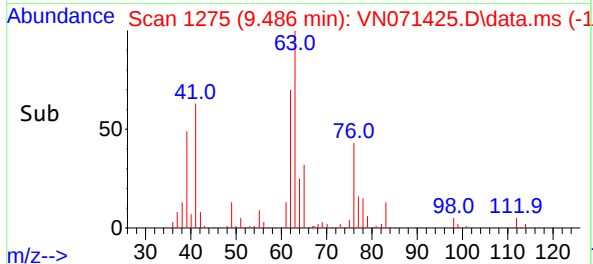
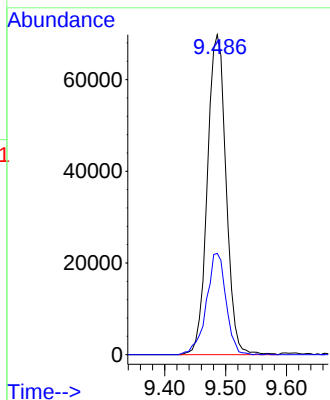
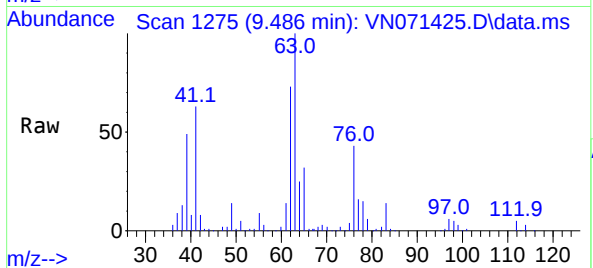
#45
1,2-Dichloropropane
Concen: 20.979 ug/l
RT: 9.486 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion: 63 Resp: 148702
Ion Ratio Lower Upper
63 100
65 31.7 24.7 37.1

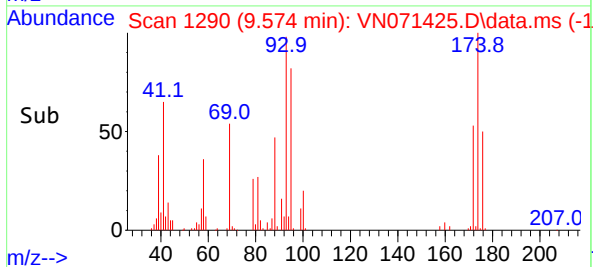
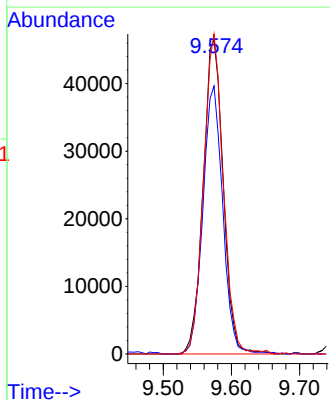
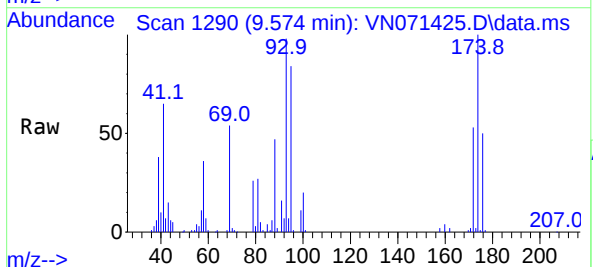
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#46
Dibromomethane
Concen: 21.842 ug/l
RT: 9.574 min Scan# 1290
Delta R.T. -0.001 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

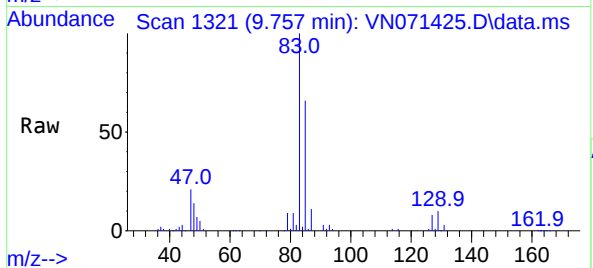
Tgt Ion: 93 Resp: 95288
Ion Ratio Lower Upper
93 100
95 84.6 65.9 98.9
174 100.4 84.6 127.0





#47
Bromodichloromethane
Concen: 20.955 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

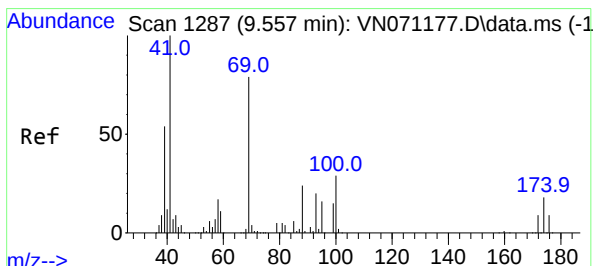
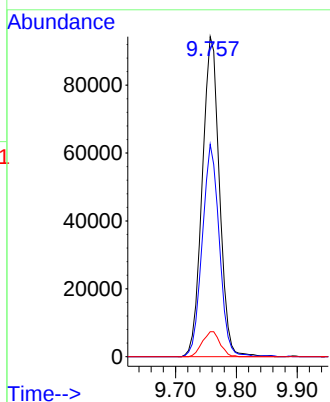
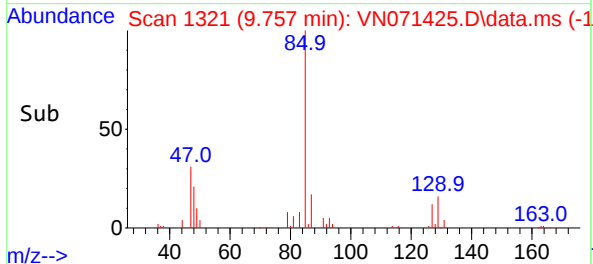
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



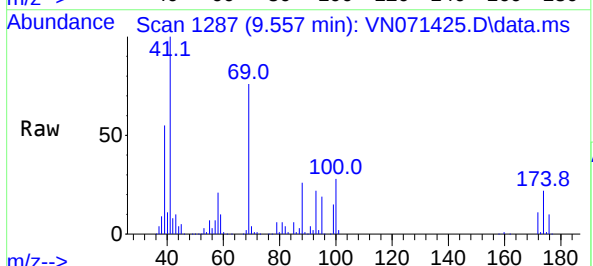
Tgt Ion: 83 Resp: 18475
Ion Ratio Lower Upper
83 100
85 66.3 50.9 76.3
127 7.8 7.1 10.7

Manual Integrations
APPROVED

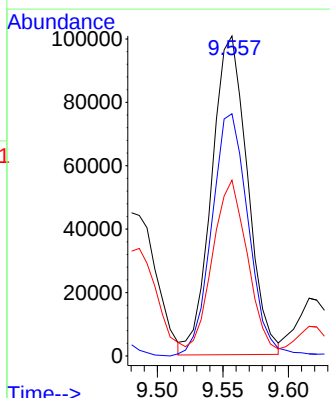
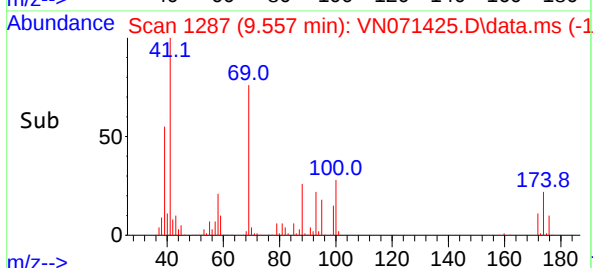
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

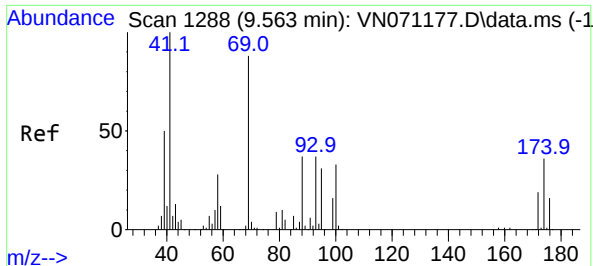


#48
Methyl methacrylate
Concen: 22.890 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



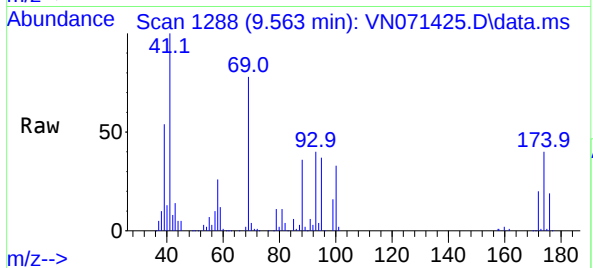
Tgt Ion: 41 Resp: 191327
Ion Ratio Lower Upper
41 100
69 77.8 72.4 108.6
39 54.1 58.4 87.6#





#49
1,4-Dioxane
Concen: 435.857 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

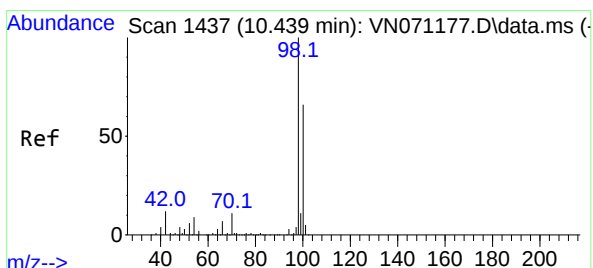
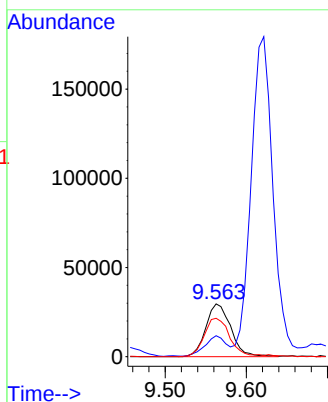
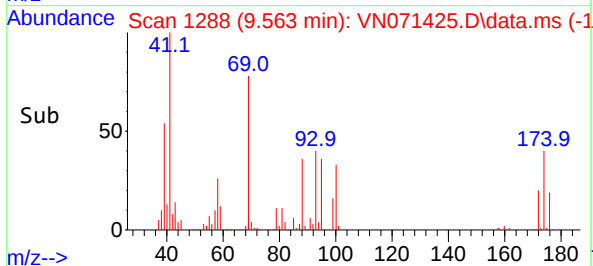
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 88 Resp: 63324
Ion Ratio Lower Upper
88 100
43 32.4 23.4 35.2
58 76.8 50.6 75.8

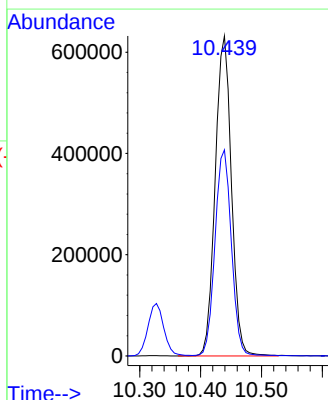
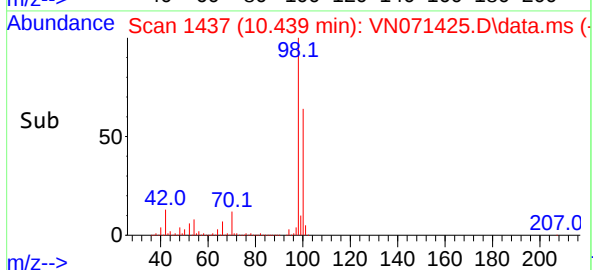
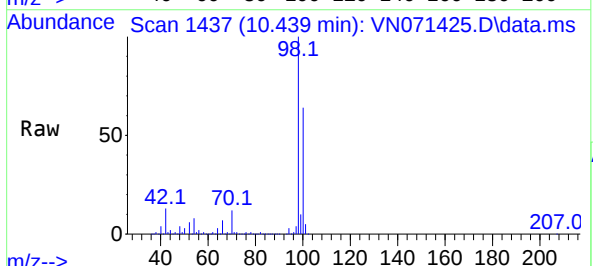
Manual Integrations
APPROVED

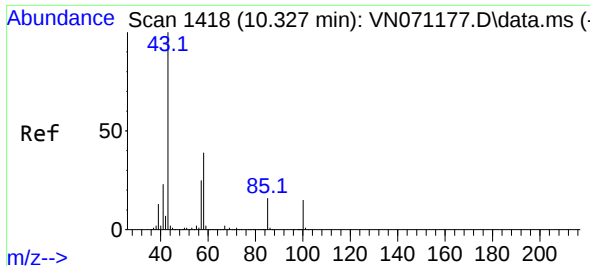
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#50
Toluene-d8
Concen: 52.961 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

Tgt Ion: 98 Resp: 1166356
Ion Ratio Lower Upper
98 100
100 65.4 50.4 75.6





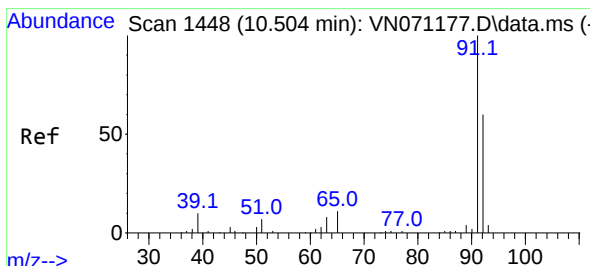
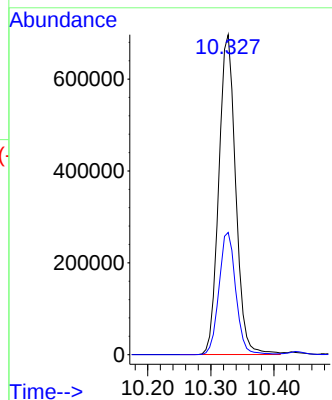
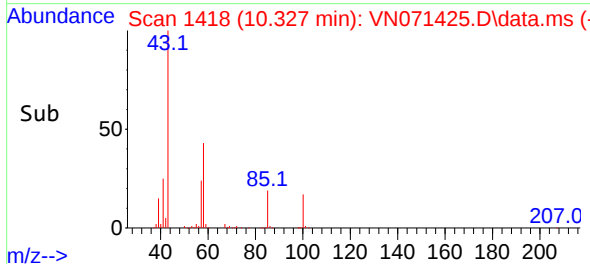
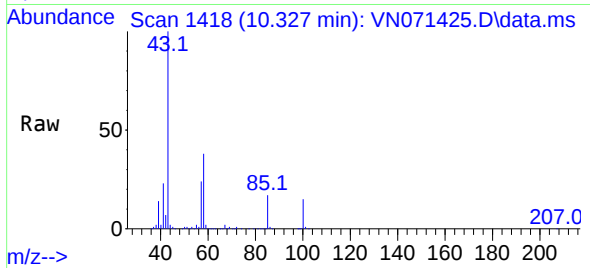
#51
4-Methyl-2-Pentanone
Concen: 115.450 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion: 43 Resp: 129228
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6

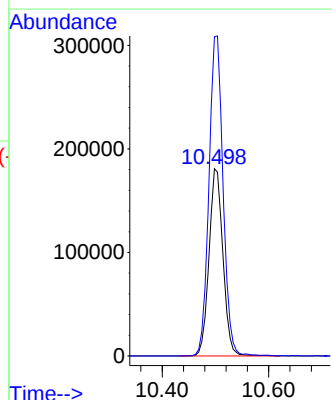
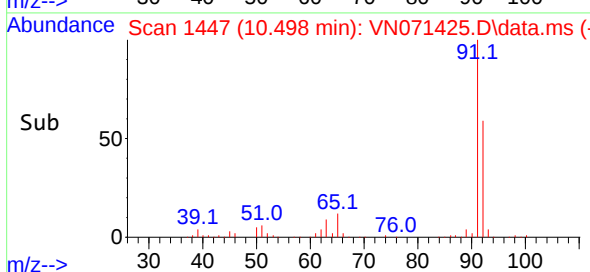
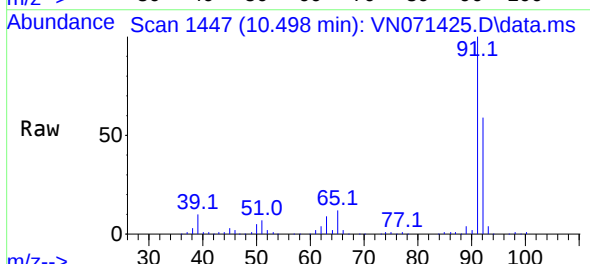
Manual Integrations
APPROVED

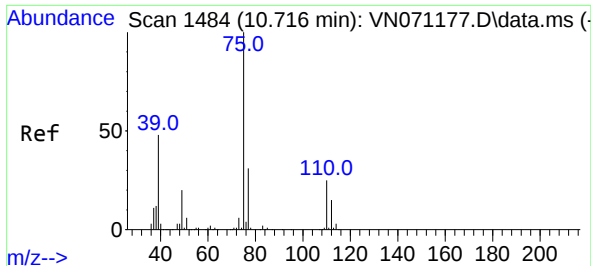
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#52
Toluene
Concen: 20.139 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

Tgt Ion: 92 Resp: 327448
Ion Ratio Lower Upper
92 100
91 173.7 142.0 213.0





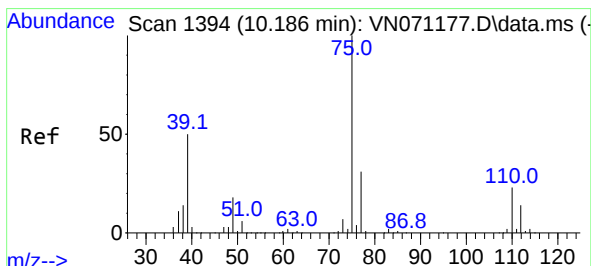
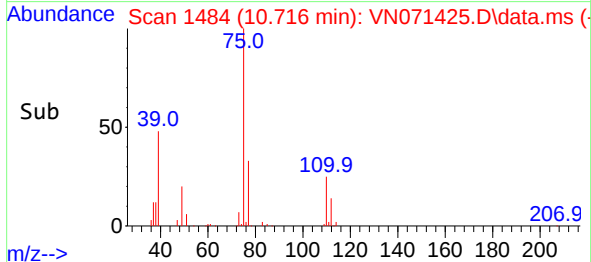
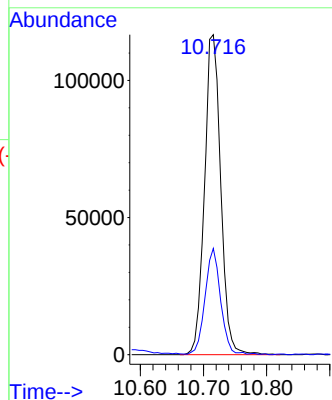
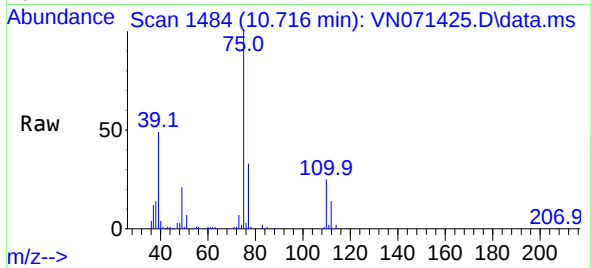
#53
t-1,3-Dichloropropene
Concen: 21.385 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion: 75 Resp: 20783
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4

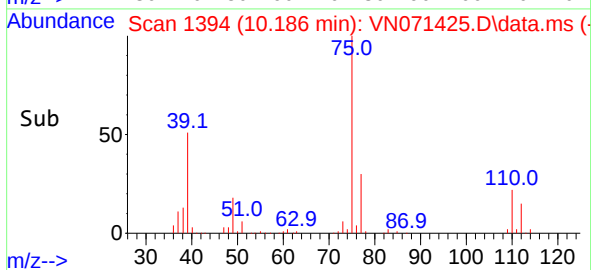
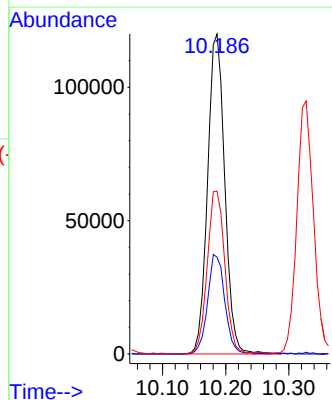
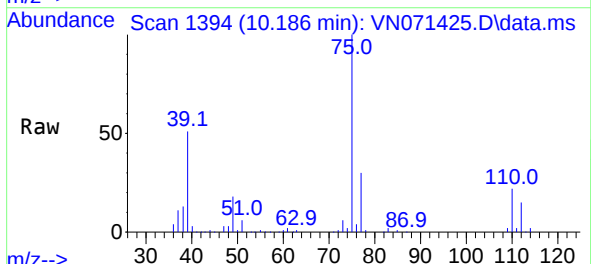
Manual Integrations
APPROVED

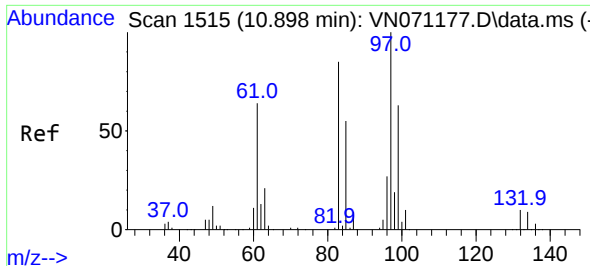
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#54
cis-1,3-Dichloropropene
Concen: 21.331 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

Tgt Ion: 75 Resp: 226513
Ion Ratio Lower Upper
75 100
77 30.3 26.4 39.6
39 50.9 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 22.413 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

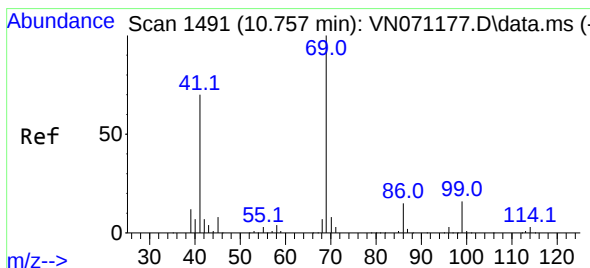
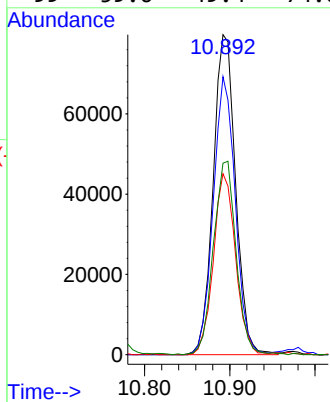
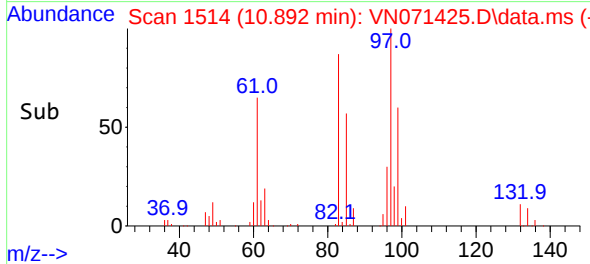
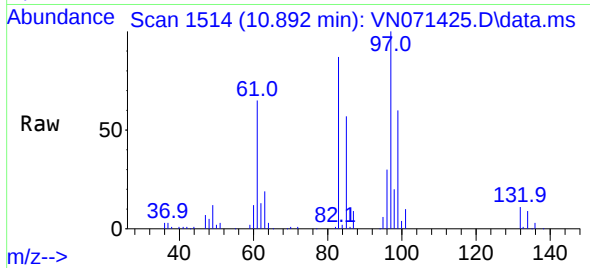
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion: 97 Resp: 14602

Ion	Ratio	Lower	Upper
97	100		
83	86.8	67.8	101.6
85	56.5	45.4	68.2
99	59.6	49.4	74.0

Manual Integrations
APPROVED

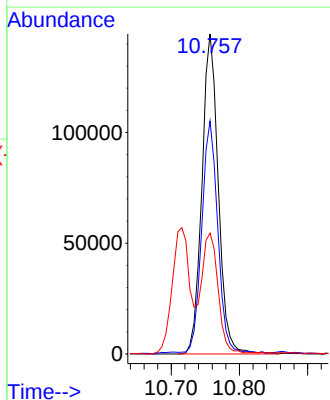
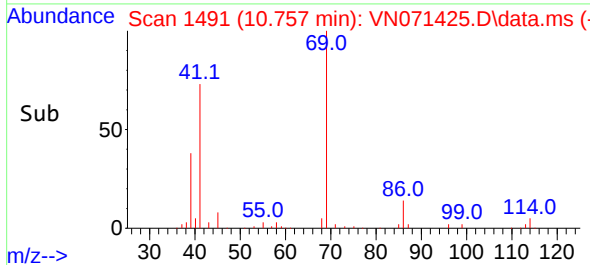
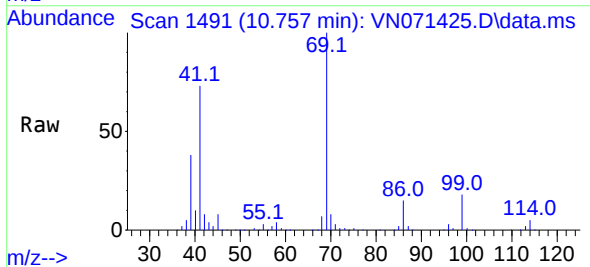
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

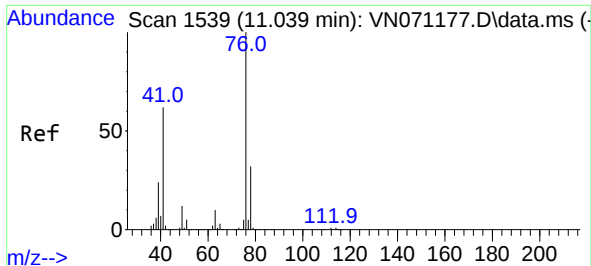


#56
Ethyl methacrylate
Concen: 22.695 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

Tgt Ion: 69 Resp: 241478

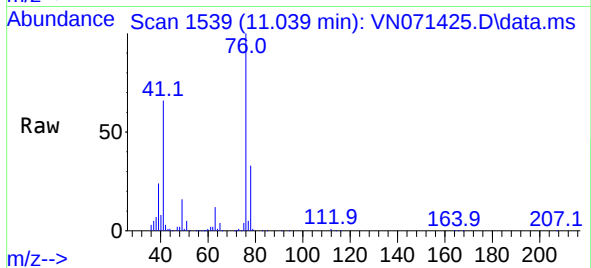
Ion	Ratio	Lower	Upper
69	100		
41	70.8	51.4	77.0
39	38.1	34.6	52.0





#57
1,3-Dichloropropane
Concen: 22.044 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

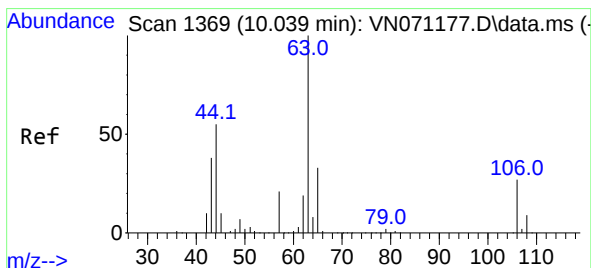
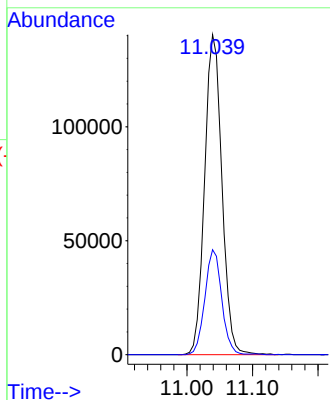
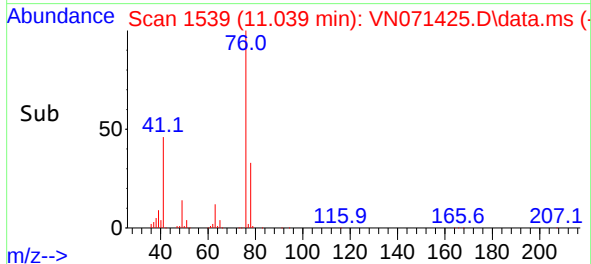
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



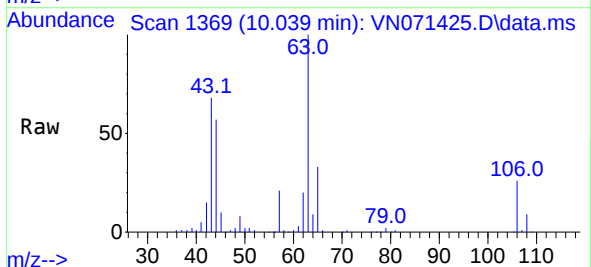
Tgt Ion: 76 Resp: 257798
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

Manual Integrations
APPROVED

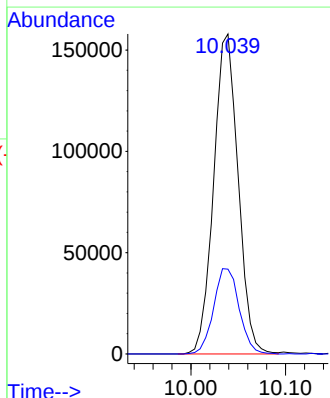
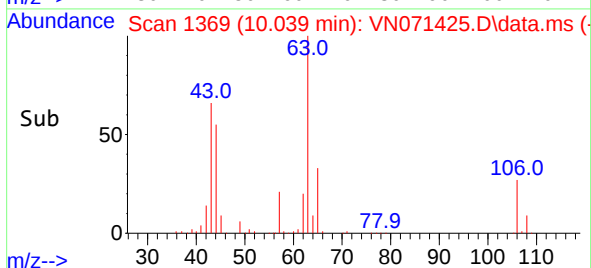
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

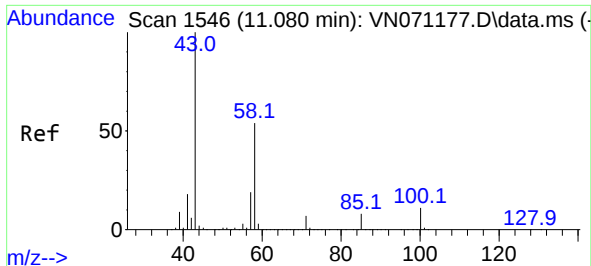


#58
2-Chloroethyl Vinyl ether
Concen: 140.528 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



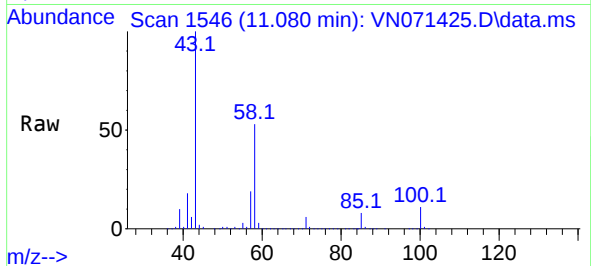
Tgt Ion: 63 Resp: 283438
Ion Ratio Lower Upper
63 100
106 27.8 23.9 35.9





#59
2-Hexanone
Concen: 122.072 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

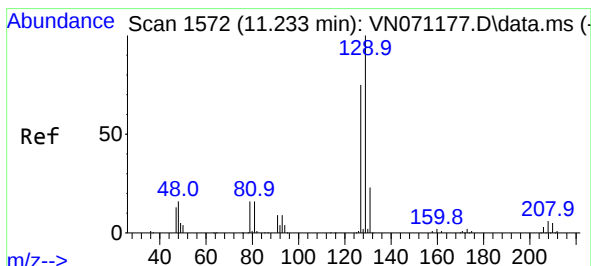
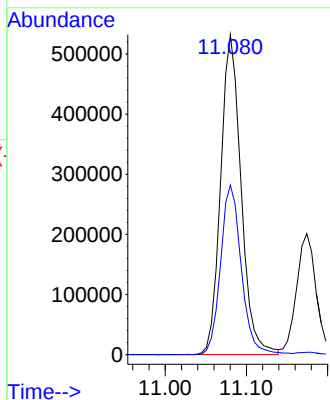
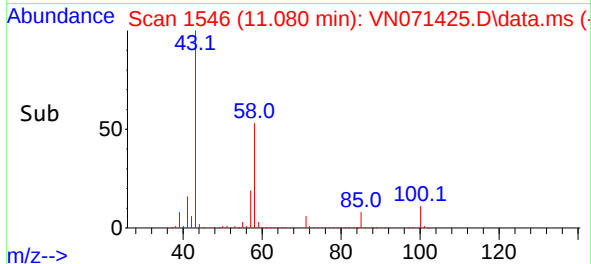
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



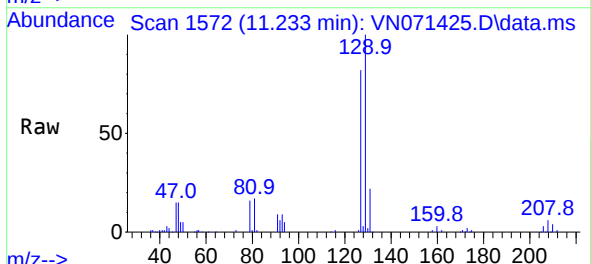
Tgt Ion: 43 Resp: 932308
Ion Ratio Lower Upper
43 100
58 53.7 26.9 80.7

Manual Integrations
APPROVED

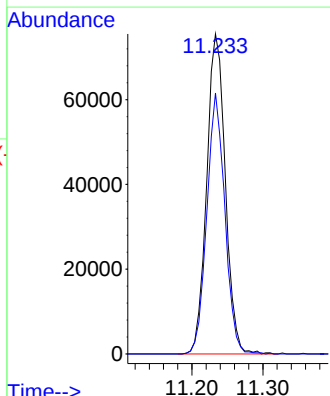
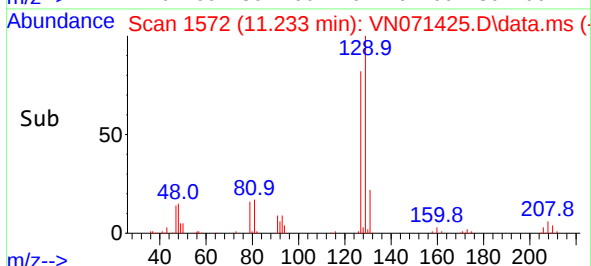
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

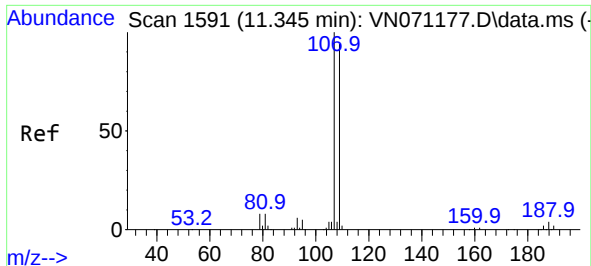


#60
Dibromochloromethane
Concen: 21.282 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



Tgt Ion:129 Resp: 137773
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0





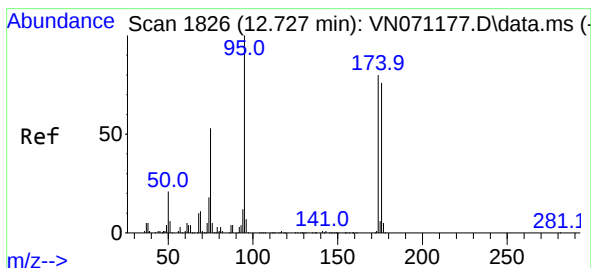
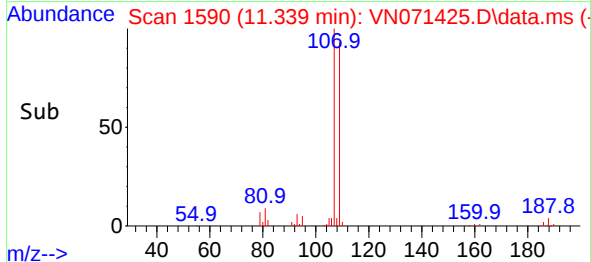
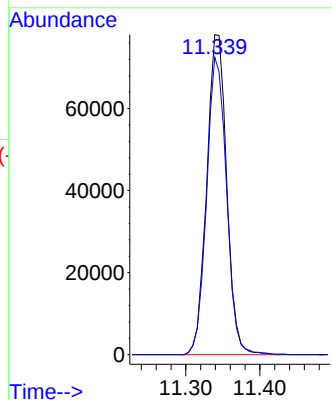
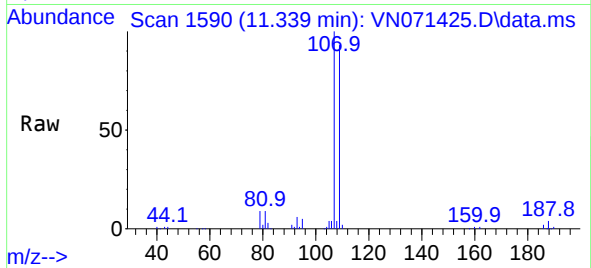
#61
1,2-Dibromoethane
Concen: 21.939 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion:107 Resp: 14609
Ion Ratio Lower Upper
107 100
109 92.6 75.7 113.5

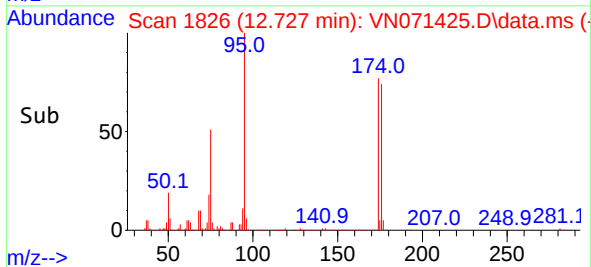
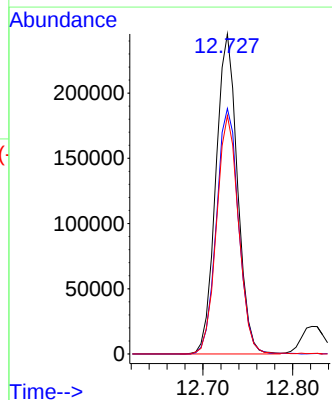
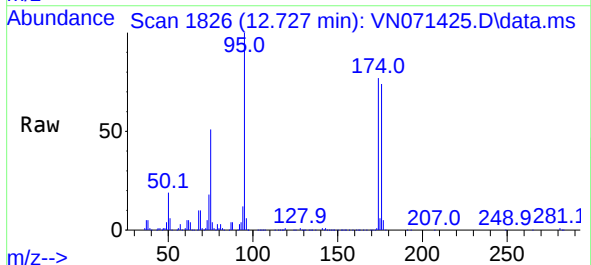
Manual Integrations
APPROVED

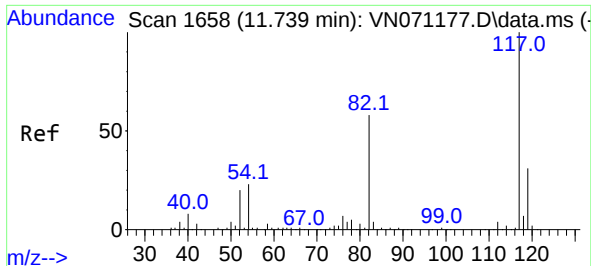
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#62
4-Bromofluorobenzene
Concen: 54.991 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

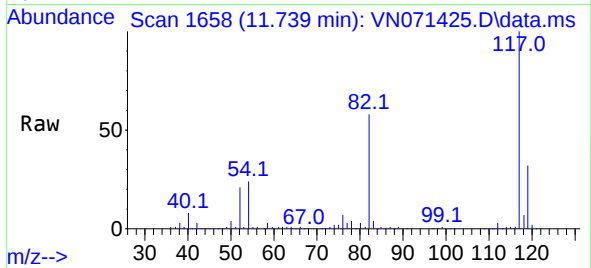
Tgt Ion: 95 Resp: 410092
Ion Ratio Lower Upper
95 100
174 78.5 0.0 187.2
176 75.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

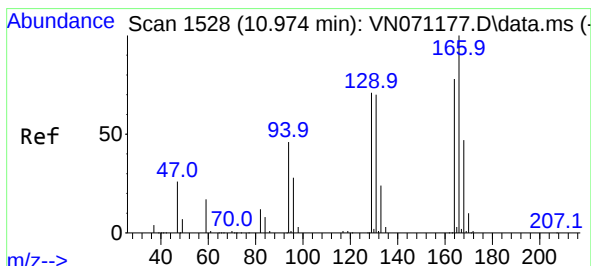
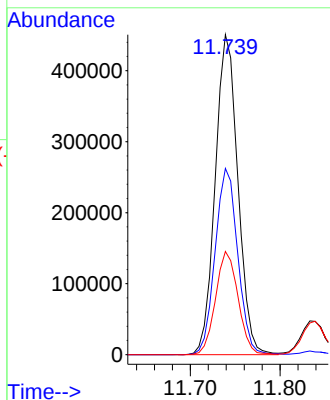
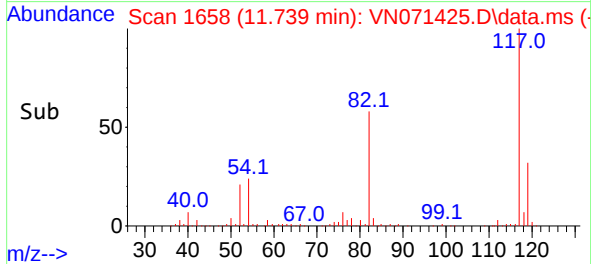
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



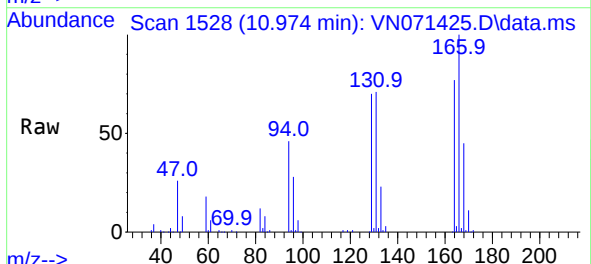
Tgt Ion:117 Resp: 790174
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 32.3 25.4 38.2

Manual Integrations
APPROVED

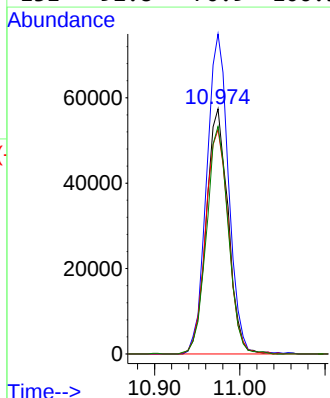
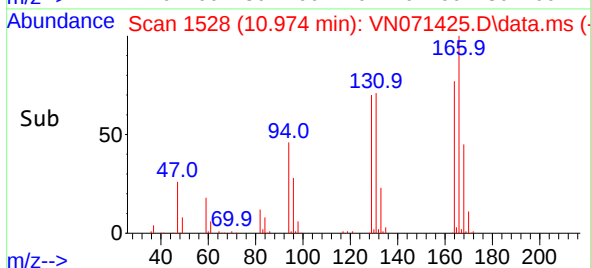
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

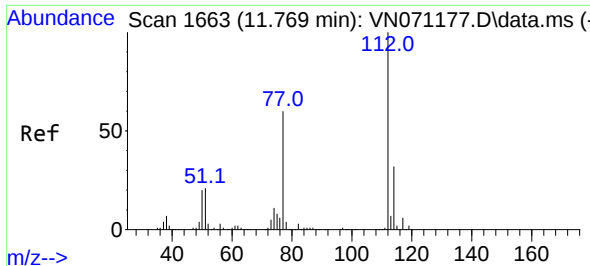


#64
Tetrachloroethene
Concen: 18.541 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



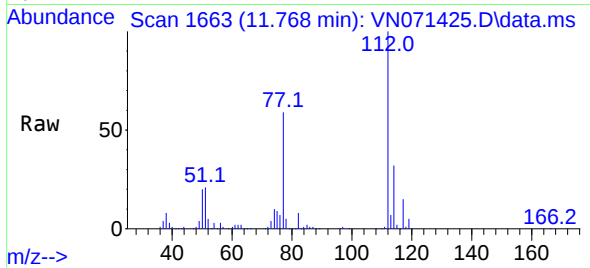
Tgt Ion:164 Resp: 102178
Ion Ratio Lower Upper
164 100
166 130.5 101.9 152.9
129 91.5 72.0 108.0
131 92.8 70.9 106.3





#65
Chlorobenzene
Concen: 20.441 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. -0.001 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

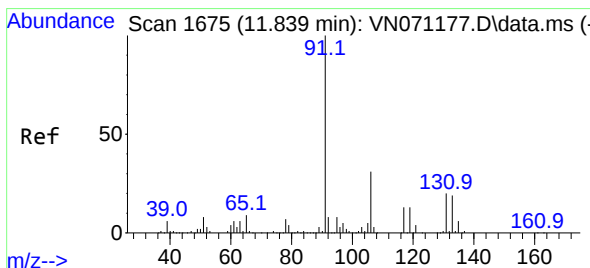
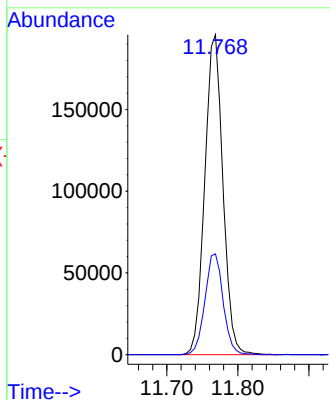
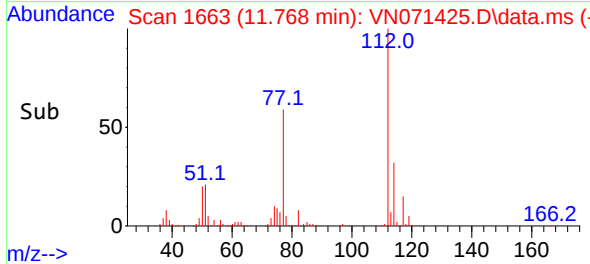
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



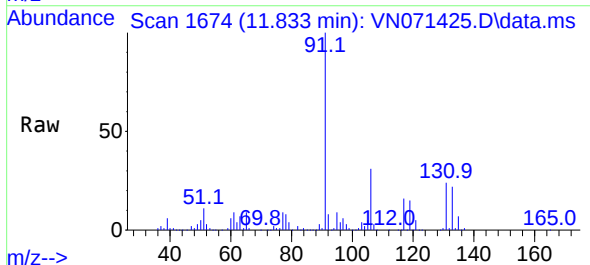
Tgt Ion:112 Resp: 346860
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

Manual Integrations
APPROVED

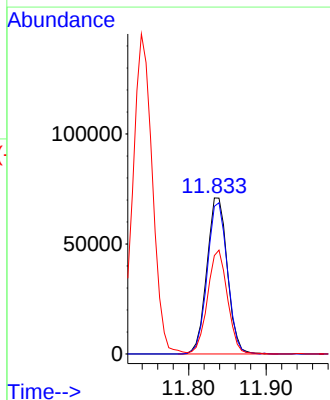
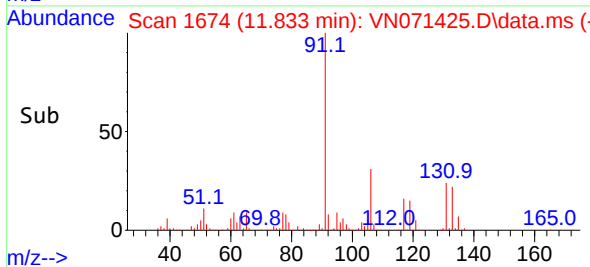
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

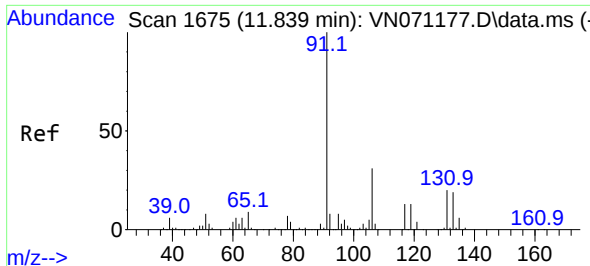


#66
1,1,1,2-Tetrachloroethane
Concen: 20.949 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



Tgt Ion:131 Resp: 130353
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.7
119 64.9 32.1 96.5





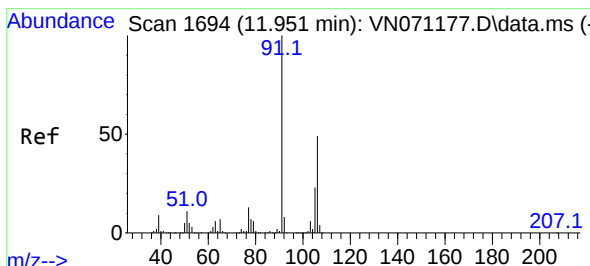
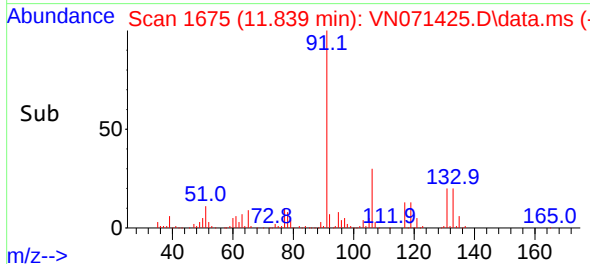
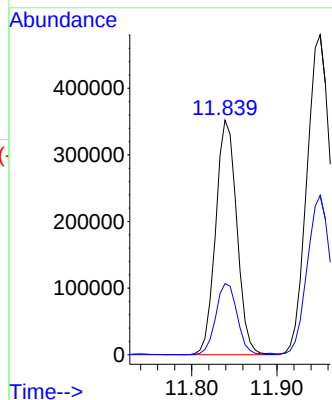
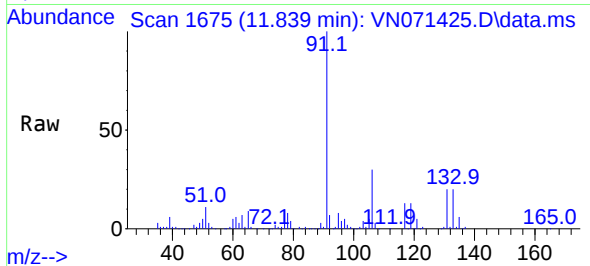
#67
Ethyl Benzene
Concen: 20.229 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion: 91 Resp: 606964
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

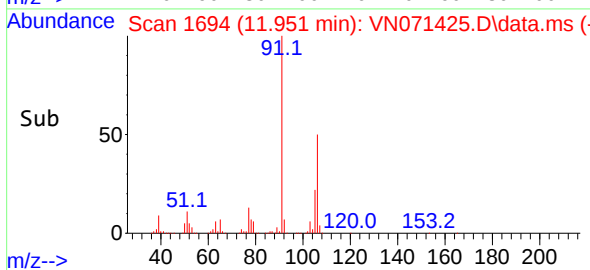
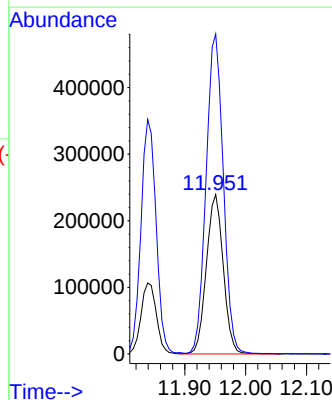
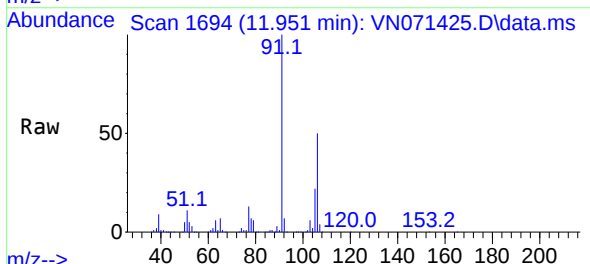
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#68
m/p-Xylenes
Concen: 41.986 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

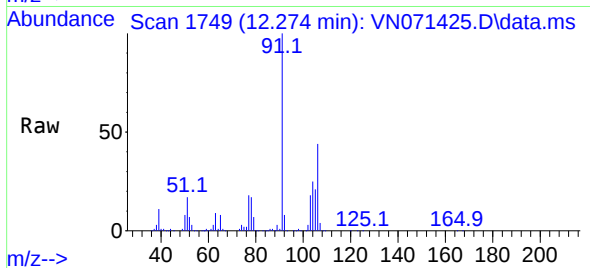
Tgt Ion:106 Resp: 460853
Ion Ratio Lower Upper
106 100
91 203.7 160.6 240.8





#69
o-Xylene
Concen: 21.208 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

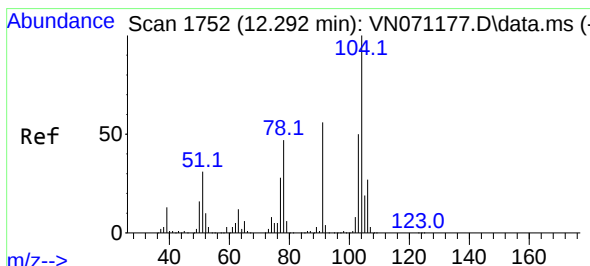
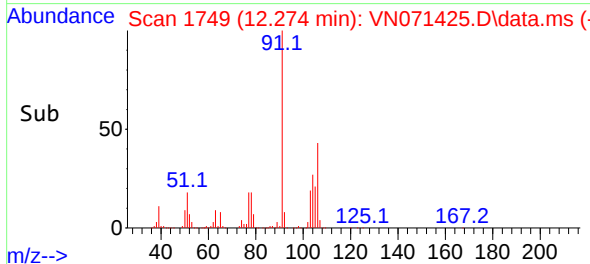
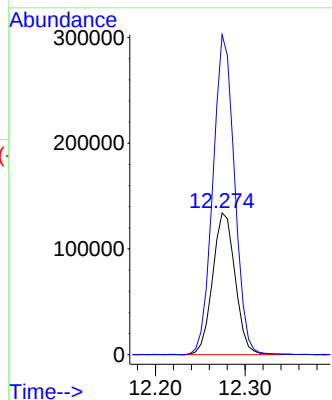
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion:106 Resp: 23334
Ion Ratio Lower Upper
106 100
91 217.6 105.8 317.3

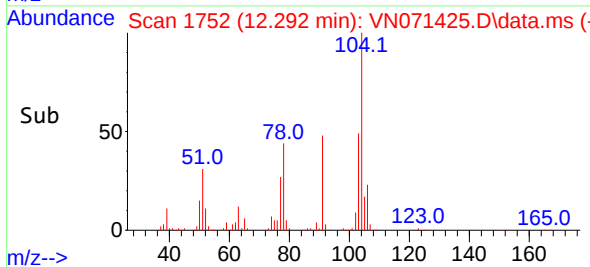
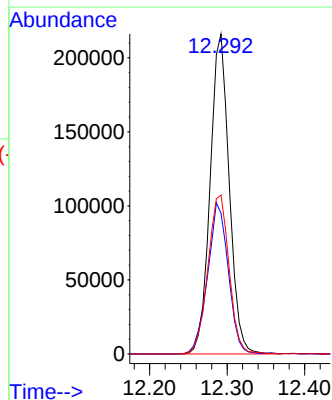
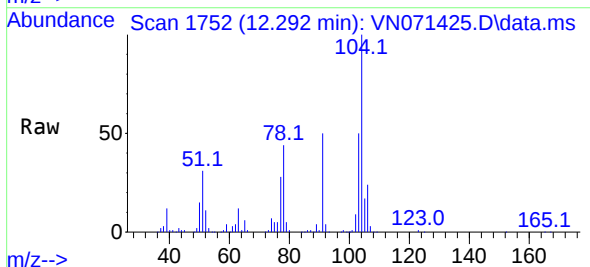
Manual Integrations
APPROVED

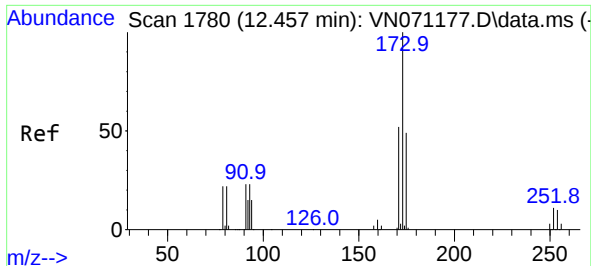
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#70
Styrene
Concen: 21.706 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

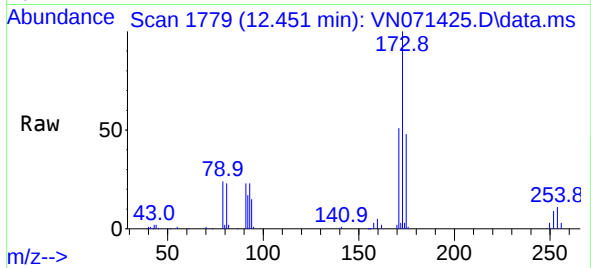
Tgt Ion:104 Resp: 369680
Ion Ratio Lower Upper
104 100
78 51.0 38.7 58.1
103 55.1 45.0 67.6





#71
Bromoform
Concen: 22.219 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

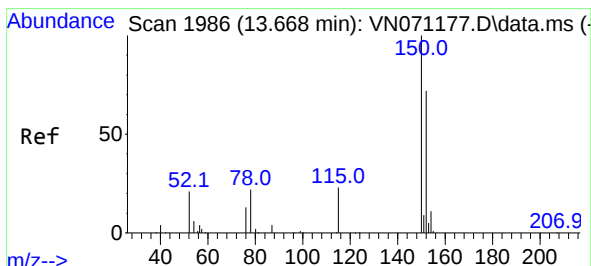
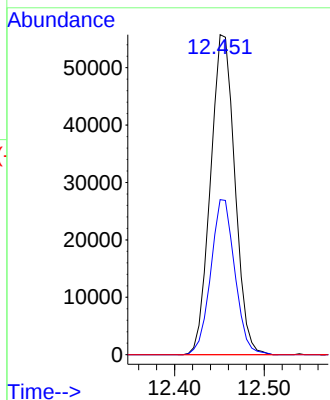
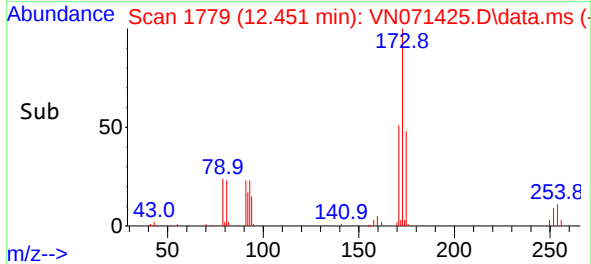
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



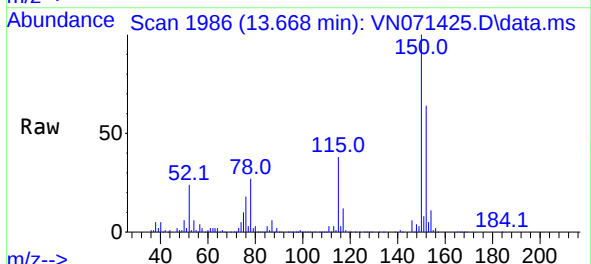
Tgt Ion:173 Resp: 10499
Ion Ratio Lower Upper
173 100
175 48.0 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

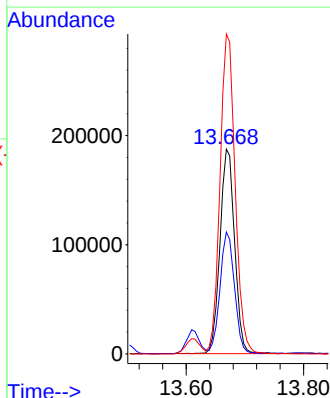
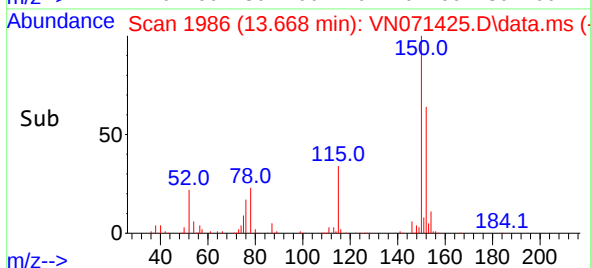
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

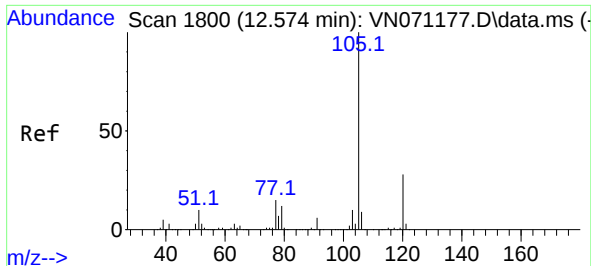


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



Tgt Ion:152 Resp: 323848
Ion Ratio Lower Upper
152 100
115 58.5 27.5 82.5
150 161.7 0.0 344.4





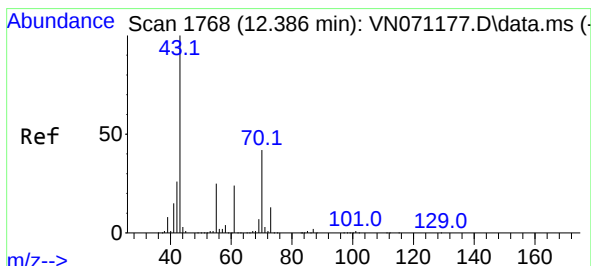
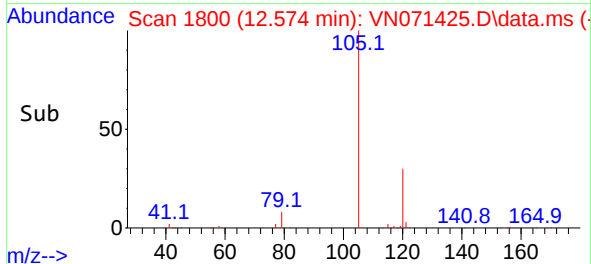
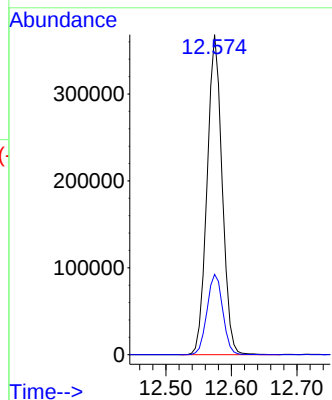
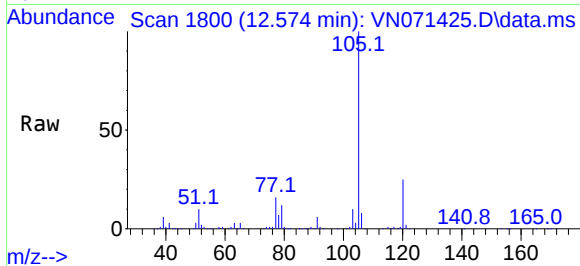
#73
Isopropylbenzene
Concen: 18.835 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion:105 Resp: 588014
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1

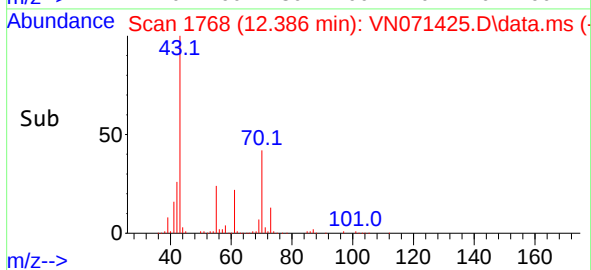
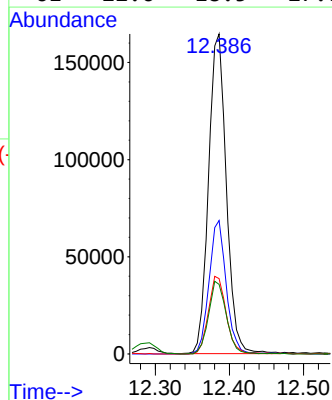
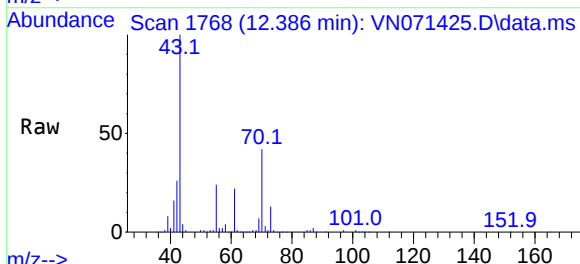
Manual Integrations
APPROVED

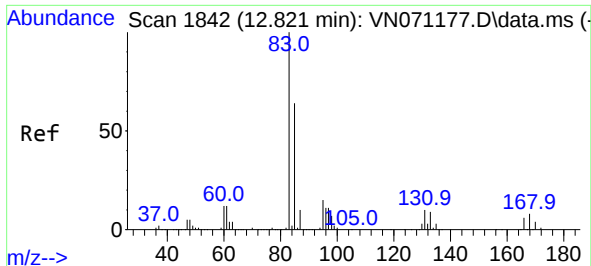
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#74
N-ethyl acetate
Concen: 23.369 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

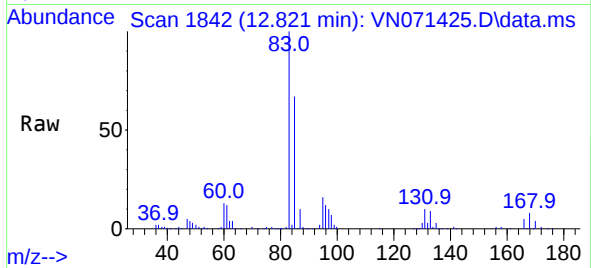
Tgt Ion: 43 Resp: 274302
Ion Ratio Lower Upper
43 100
70 40.4 33.4 50.0
55 24.3 19.3 28.9
61 22.6 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 23.393 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

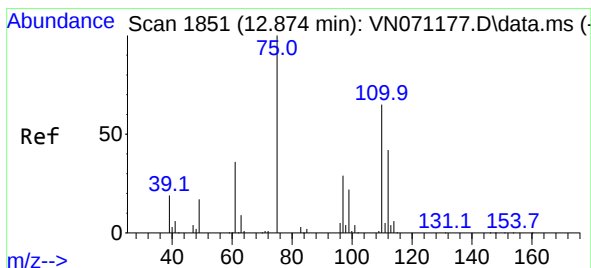
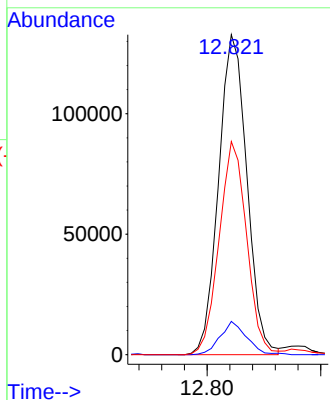
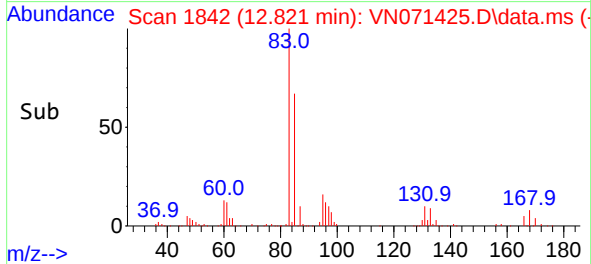
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



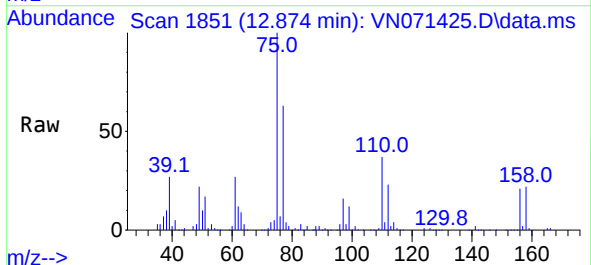
Tgt Ion: 83 Resp: 22966
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 64.8 32.4 97.2

Manual Integrations
APPROVED

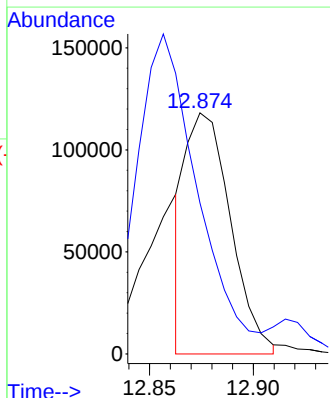
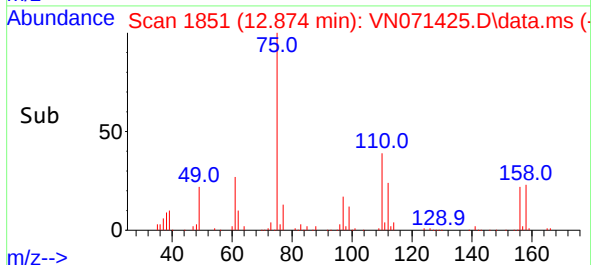
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

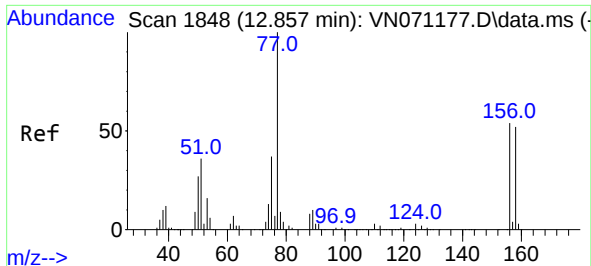


#76
1,2,3-Trichloropropane
Concen: 21.079 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



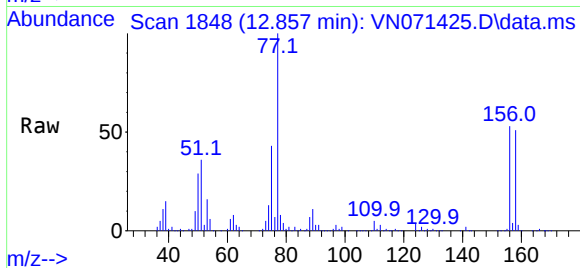
Tgt Ion: 75 Resp: 178263
Ion Ratio Lower Upper
75 100
77 181.1 82.6 247.8





#77
Bromobenzene
Concen: 20.660 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

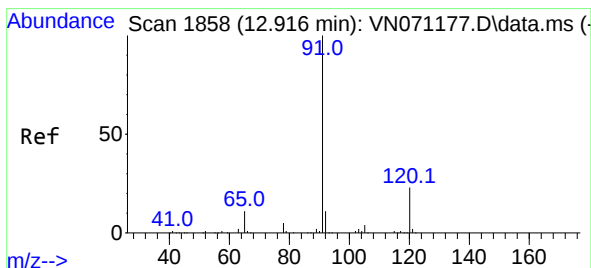
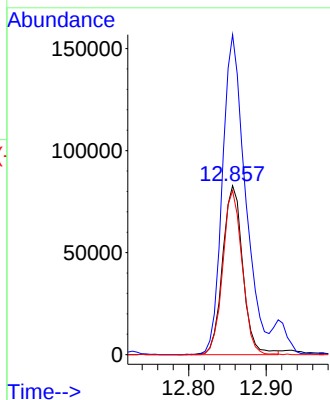
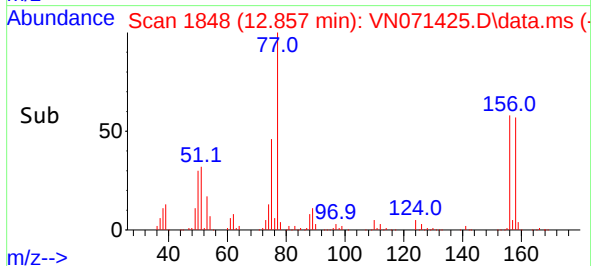
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



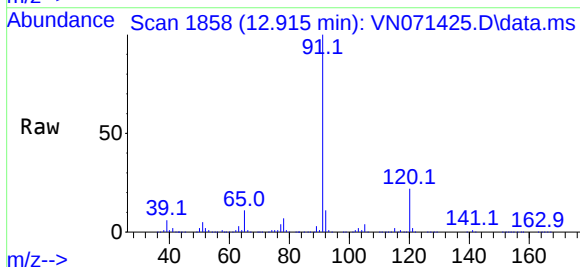
Tgt Ion:156 Resp: 150390
Ion Ratio Lower Upper
156 100
77 214.7 90.6 271.8
158 93.0 48.9 146.7

Manual Integrations
APPROVED

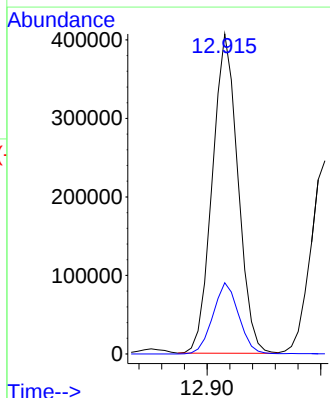
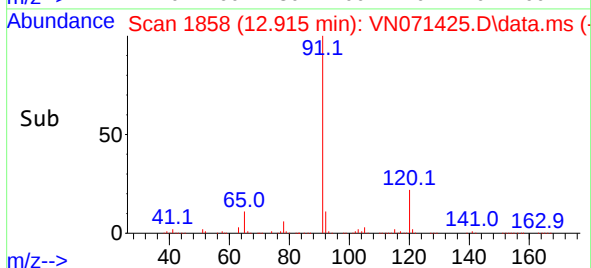
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

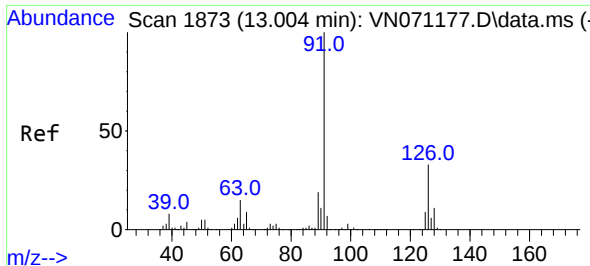


#78
n-propylbenzene
Concen: 19.005 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



Tgt Ion: 91 Resp: 636660
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.9





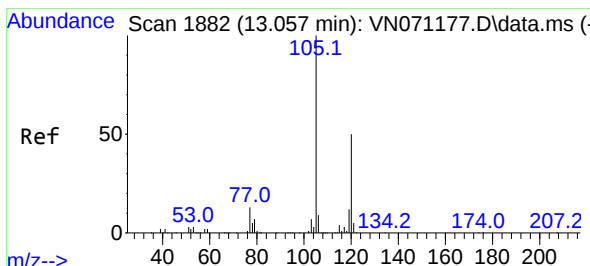
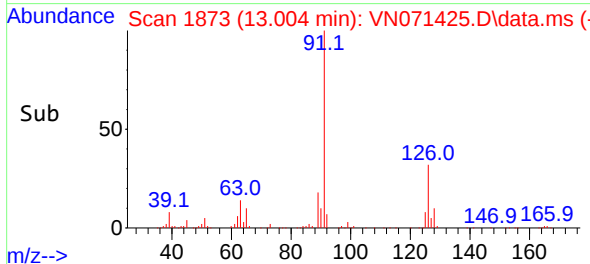
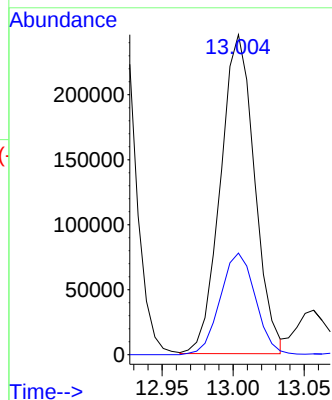
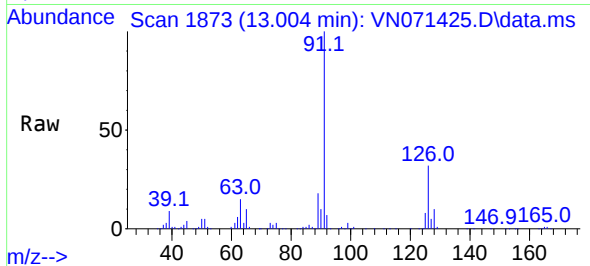
#79
2-Chlorotoluene
Concen: 19.094 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion: 91 Resp: 410610
Ion Ratio Lower Upper
91 100
126 32.8 18.3 54.8

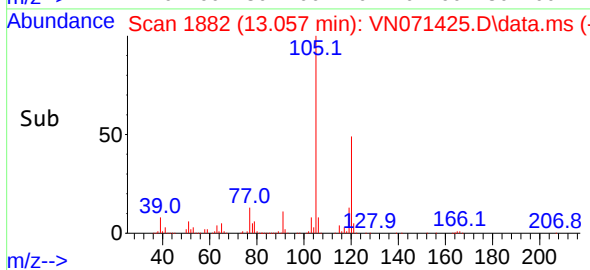
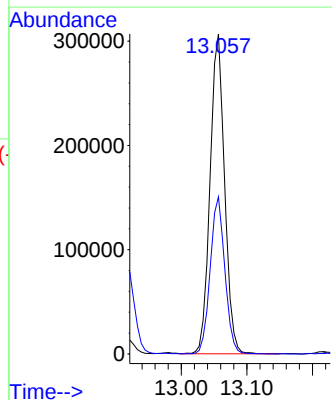
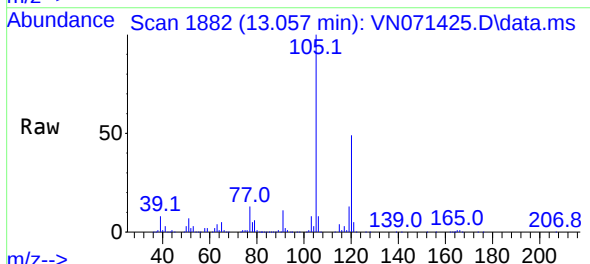
Manual Integrations
APPROVED

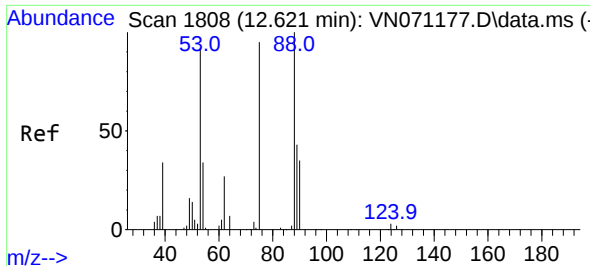
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.455 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

Tgt Ion:105 Resp: 472519
Ion Ratio Lower Upper
105 100
120 49.5 24.6 73.6





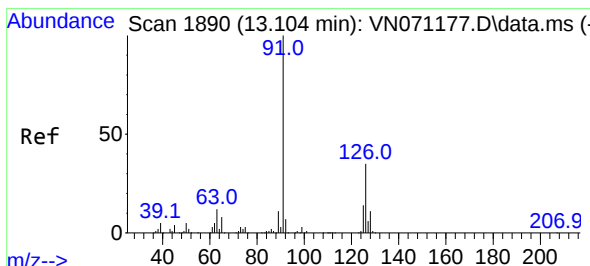
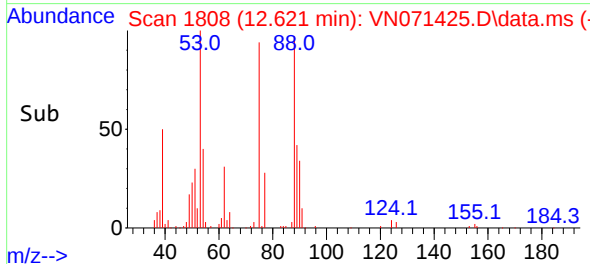
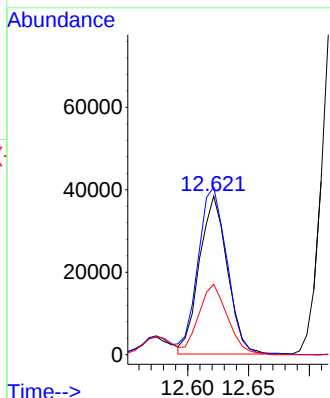
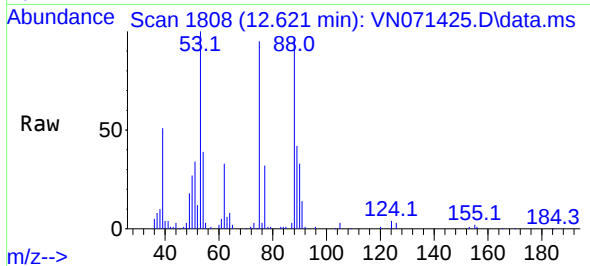
#81
trans-1,4-Dichloro-2-butene
Concen: 20.503 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion: 75 Resp: 6142
Ion Ratio Lower Upper
75 100
53 111.3 90.5 135.7
89 46.2 38.2 57.4

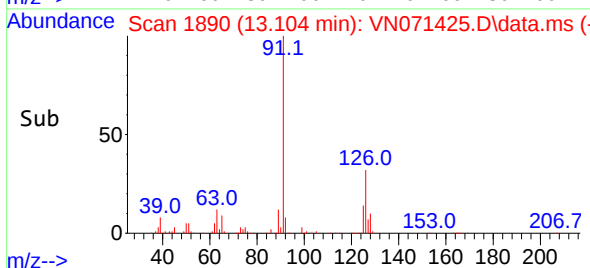
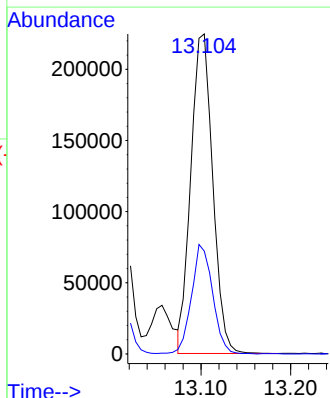
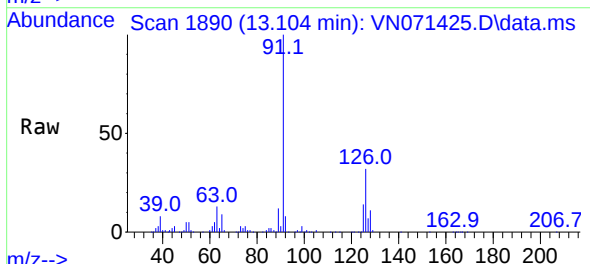
Manual Integrations
APPROVED

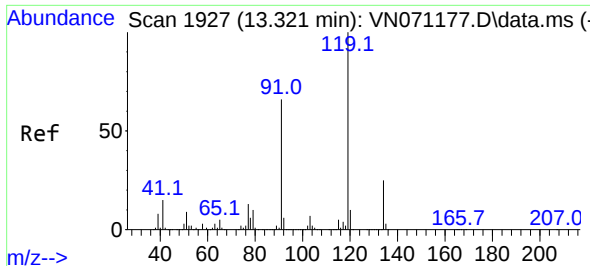
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#82
4-Chlorotoluene
Concen: 19.844 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

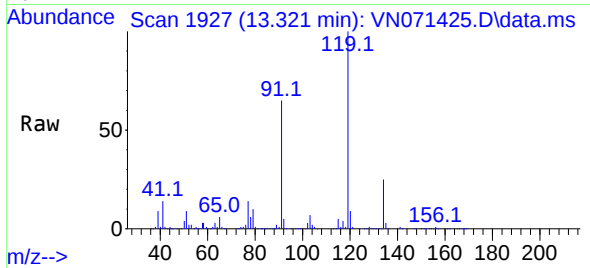
Tgt Ion: 91 Resp: 380097
Ion Ratio Lower Upper
91 100
126 33.2 18.2 54.6





#83
tert-Butylbenzene
Concen: 19.818 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

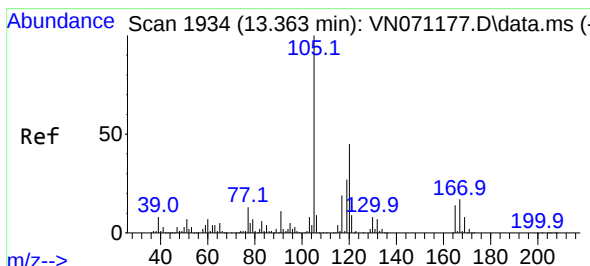
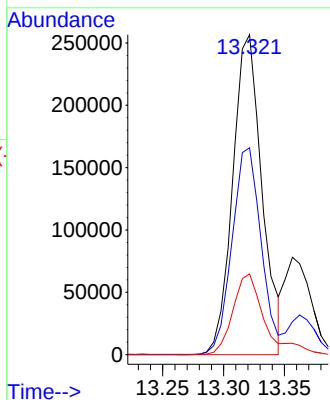
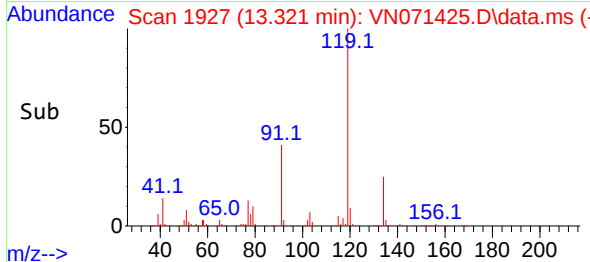
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



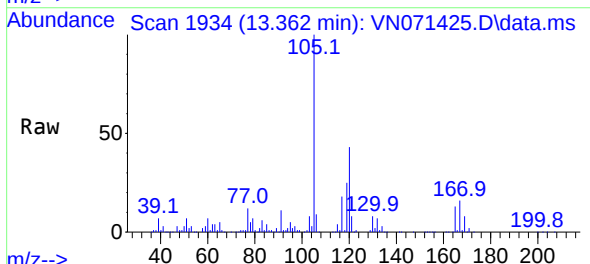
Tgt Ion:119 Resp: 42957
Ion Ratio Lower Upper
119 100
91 63.9 31.5 94.5
134 27.5 12.4 37.4

Manual Integrations
APPROVED

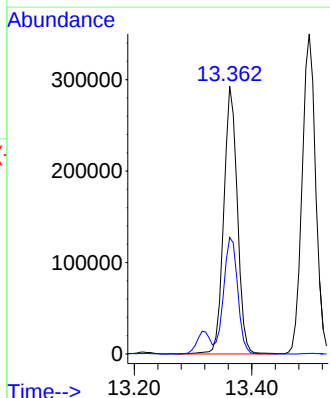
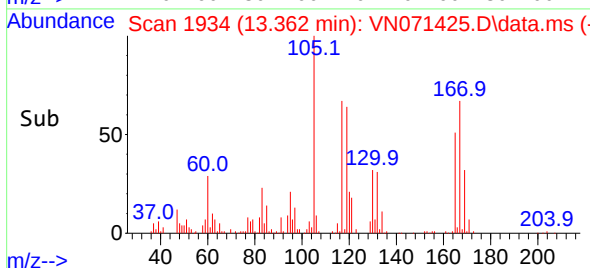
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

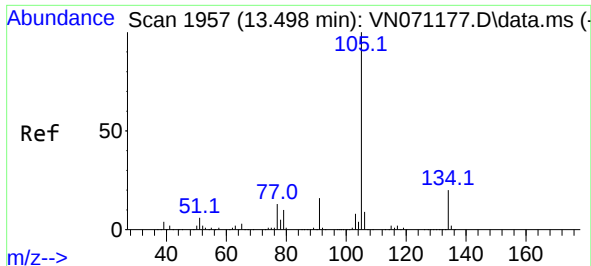


#84
1,2,4-Trimethylbenzene
Concen: 20.179 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



Tgt Ion:105 Resp: 469454
Ion Ratio Lower Upper
105 100
120 44.8 22.8 68.4





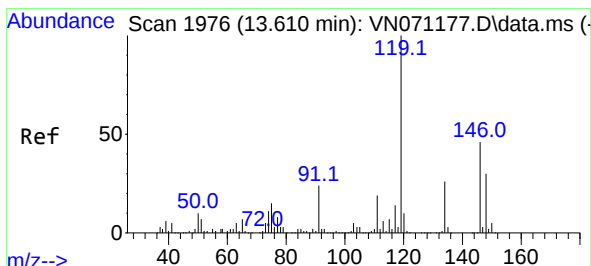
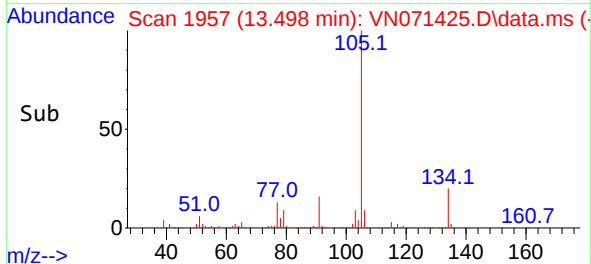
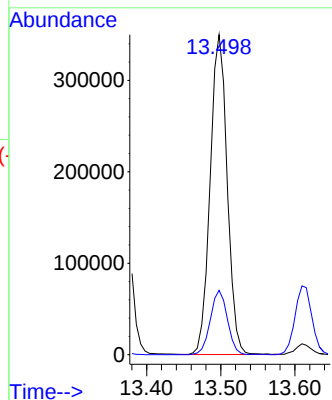
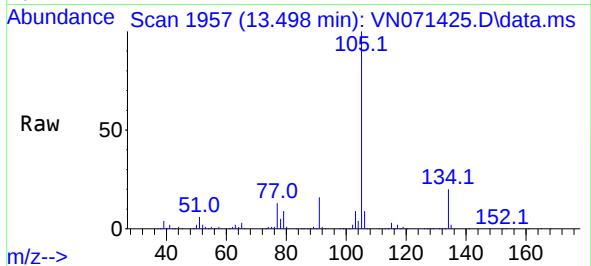
#85
 sec-Butylbenzene
 Concen: 19.396 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071425.D
 Acq: 21 Mar 2022 18:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

Tgt Ion:105 Resp: 558788
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1

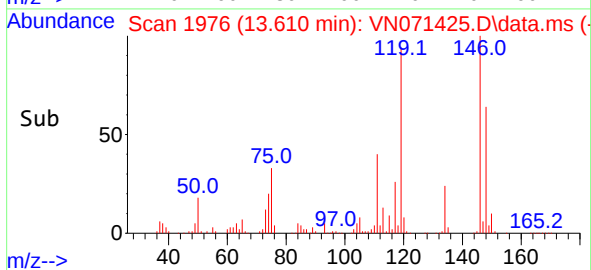
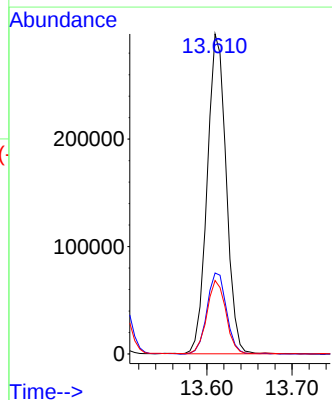
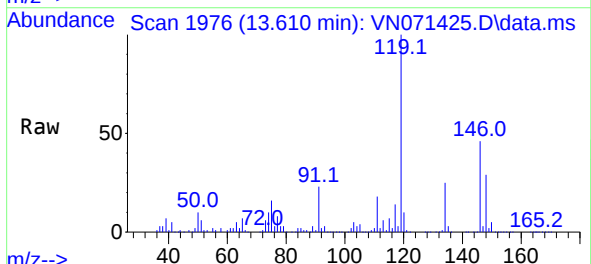
Manual Integrations
 APPROVED

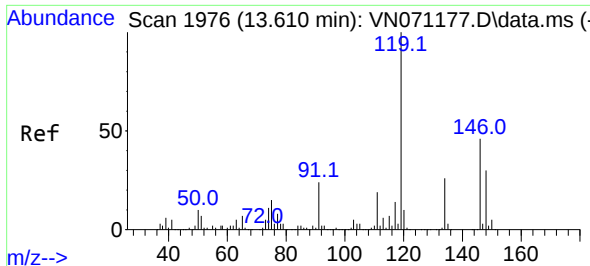
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022



#86
 p-Isopropyltoluene
 Concen: 20.338 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071425.D
 Acq: 21 Mar 2022 18:05

Tgt Ion:119 Resp: 460815
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 22.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.814 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071425.D

Acq: 21 Mar 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

Tgt Ion:146 Resp: 234360

Ion Ratio Lower Upper

146 100

111 40.7 18.6 55.6

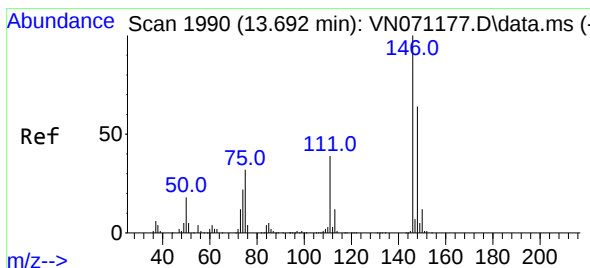
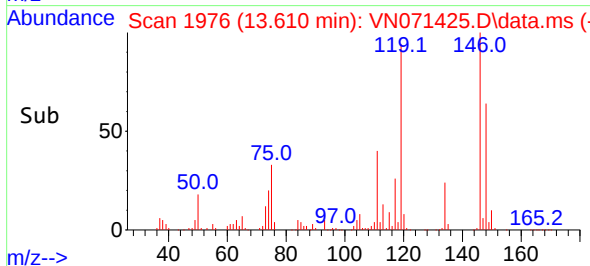
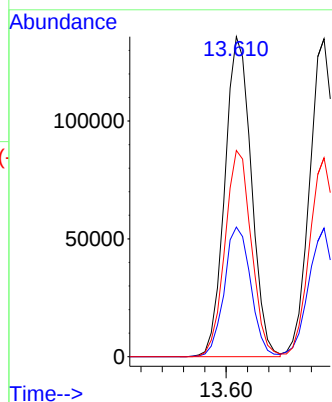
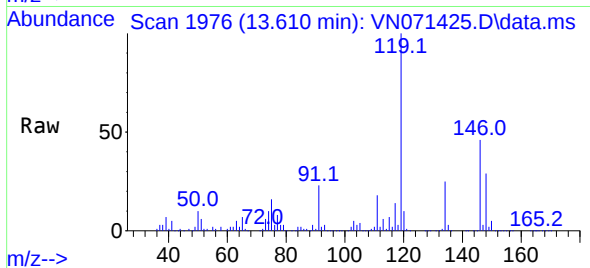
148 64.5 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#88

1,4-Dichlorobenzene

Concen: 19.585 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN071425.D

Acq: 21 Mar 2022 18:05

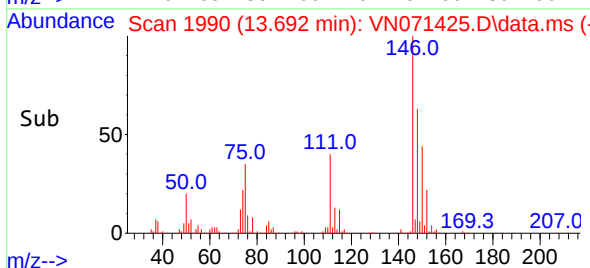
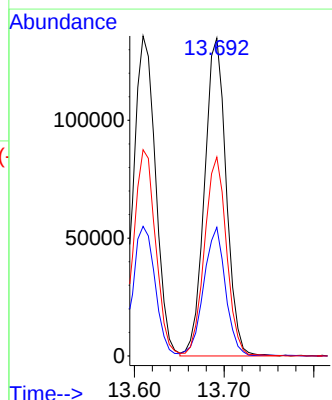
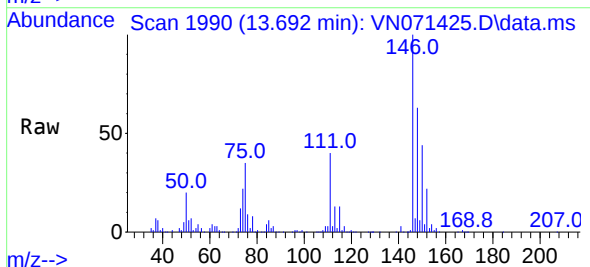
Tgt Ion:146 Resp: 226444

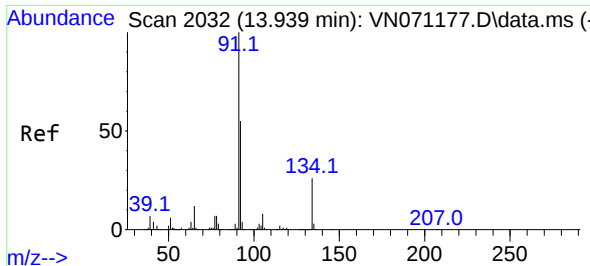
Ion Ratio Lower Upper

146 100

111 40.3 18.3 54.8

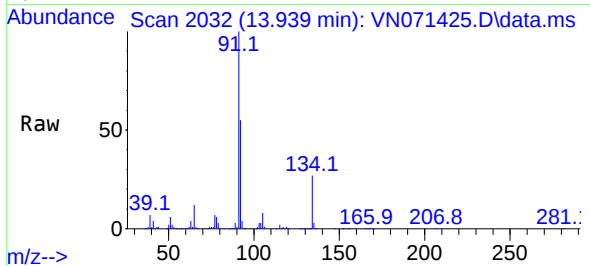
148 63.5 31.8 95.4





#89
n-Butylbenzene
Concen: 19.196 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

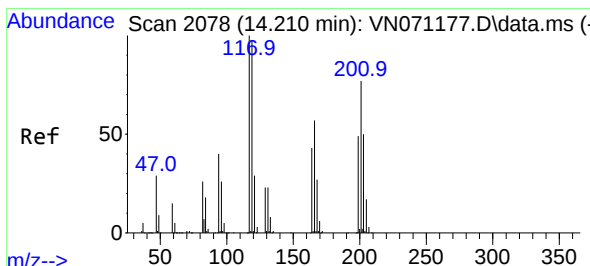
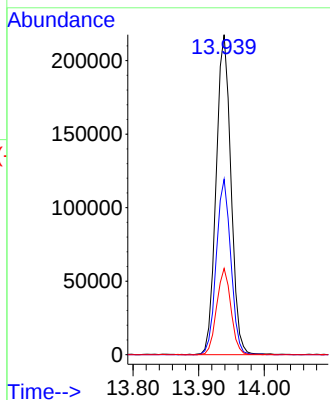
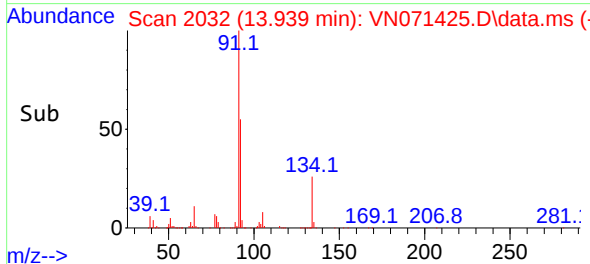
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 91 Resp: 34017
Ion Ratio Lower Upper
91 100
92 53.7 25.4 76.0
134 25.9 13.6 40.8

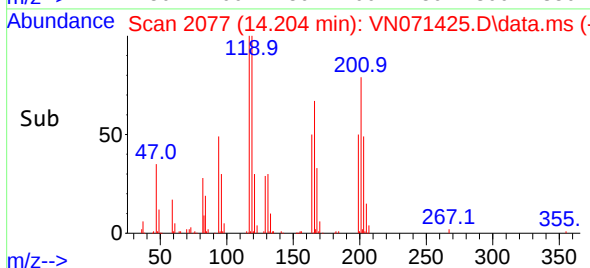
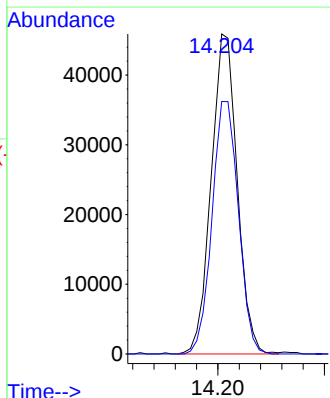
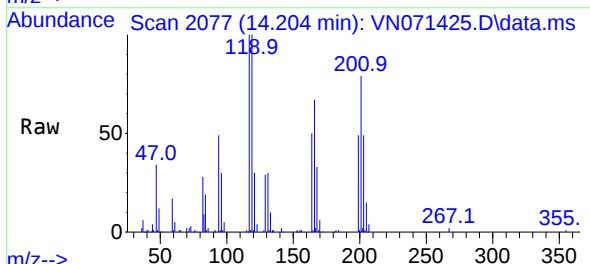
Manual Integrations
APPROVED

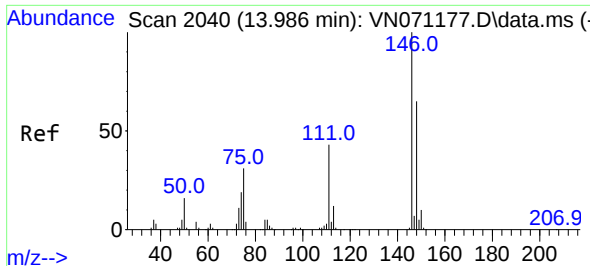
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#90
Hexachloroethane
Concen: 17.302 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

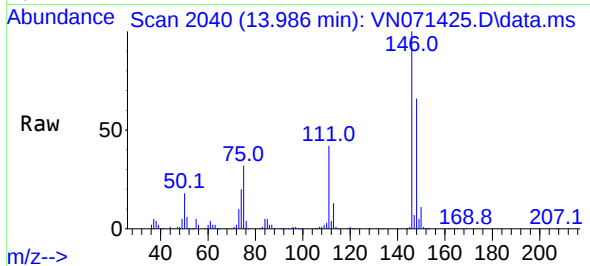
Tgt Ion:117 Resp: 77956
Ion Ratio Lower Upper
117 100
201 79.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 20.783 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

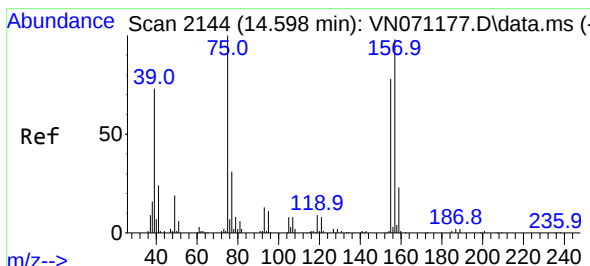
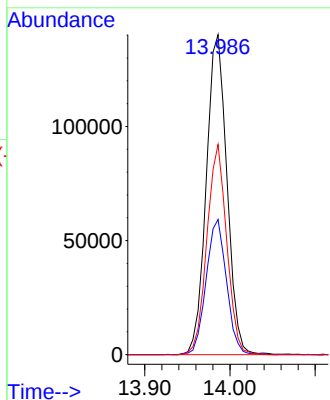
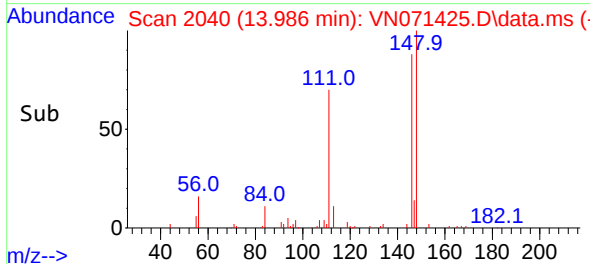
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



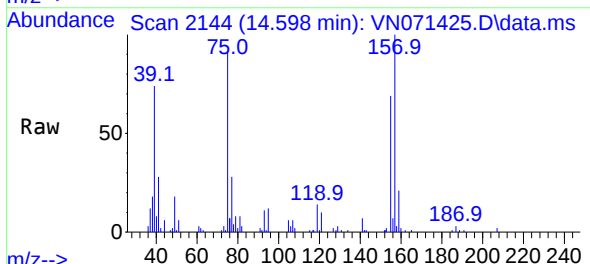
Tgt Ion:146 Resp: 23634
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.3
148 63.0 32.1 96.3

Manual Integrations
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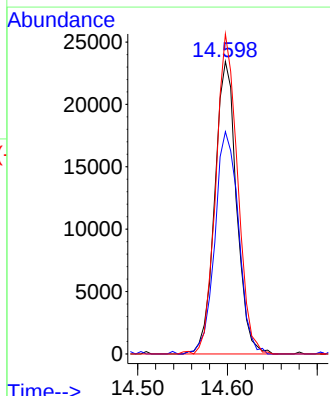
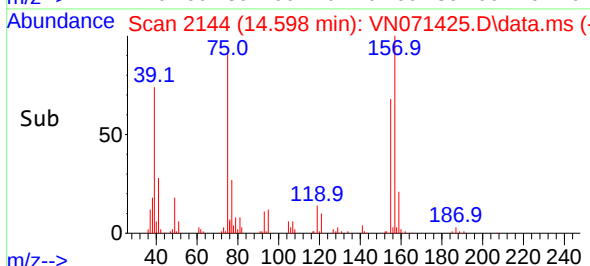
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

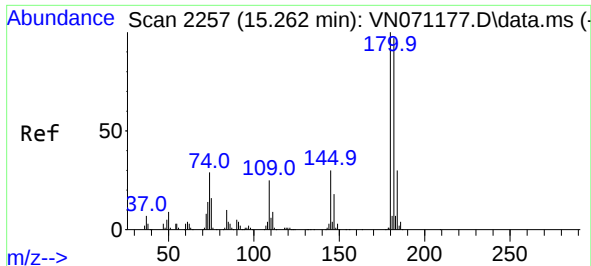


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.758 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



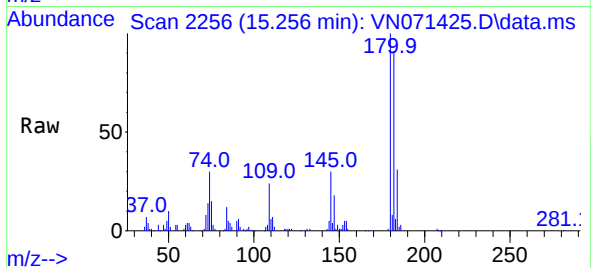
Tgt Ion: 75 Resp: 39522
Ion Ratio Lower Upper
75 100
155 82.3 46.9 140.7
157 109.4 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 22.395 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

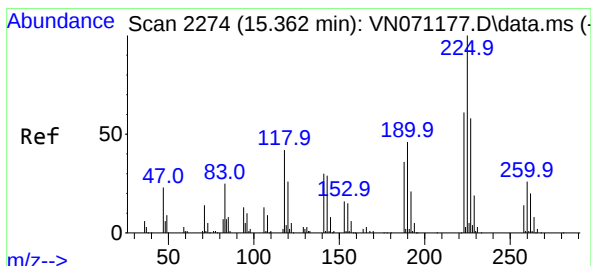
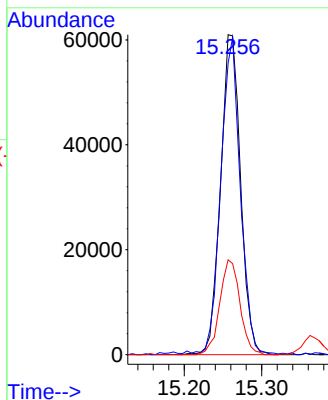
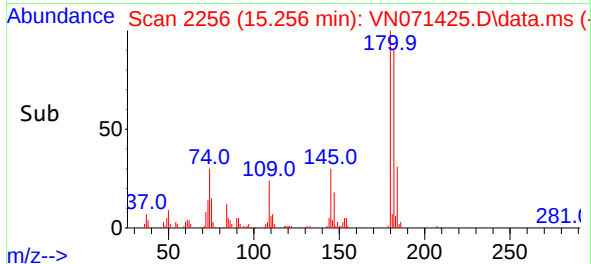
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



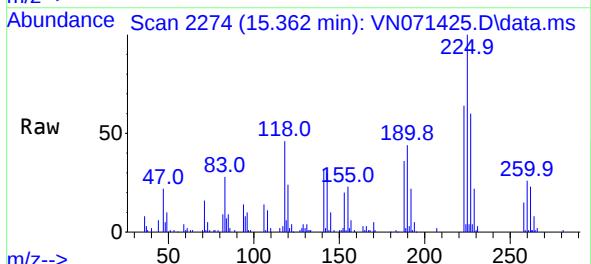
Tgt Ion:180 Resp: 10954
Ion Ratio Lower Upper
180 100
182 95.6 48.3 144.9
145 29.9 14.5 43.5

Manual Integrations
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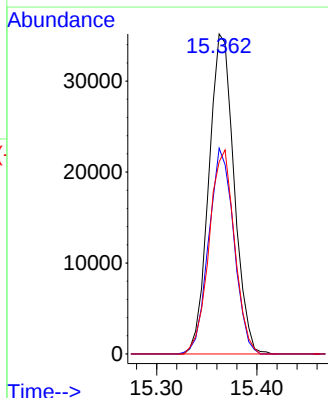
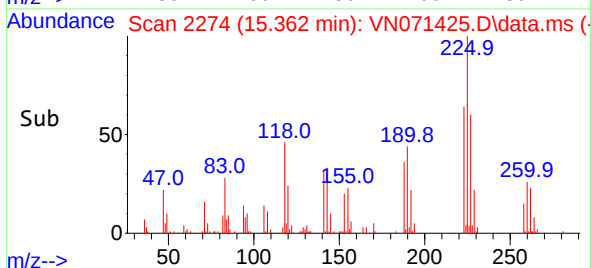
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

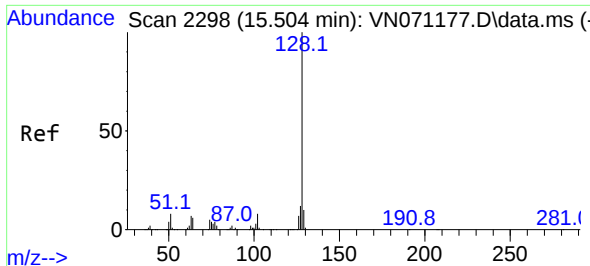


#94
Hexachlorobutadiene
Concen: 19.244 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



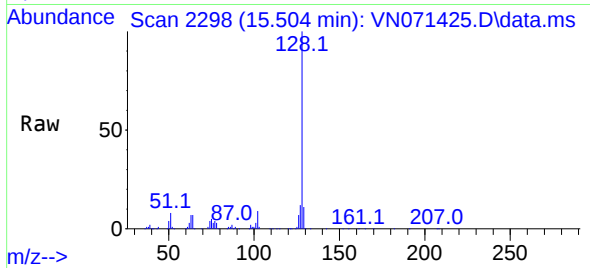
Tgt Ion:225 Resp: 61433
Ion Ratio Lower Upper
225 100
223 64.0 31.9 95.7
227 64.2 32.1 96.3





#95
Naphthalene
Concen: 29.236 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05

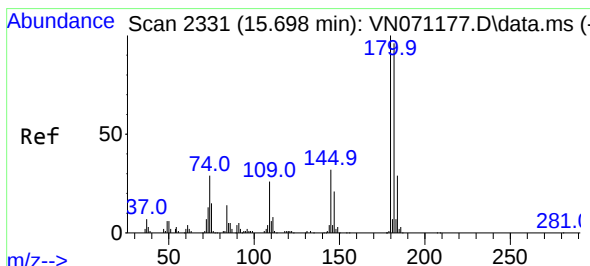
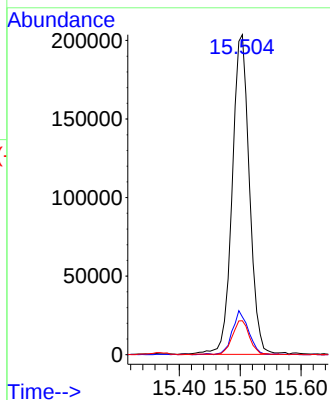
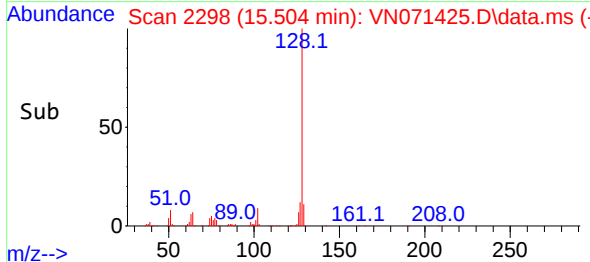
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



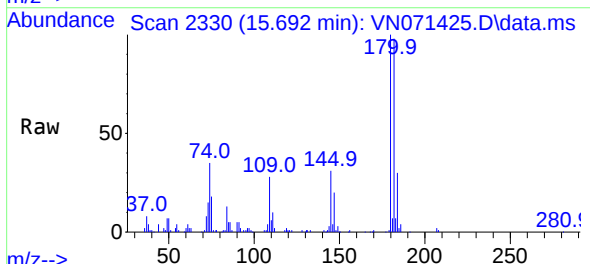
Tgt Ion:128 Resp: 399269
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 23.249 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071425.D
Acq: 21 Mar 2022 18:05



Tgt Ion:180 Resp: 110347
Ion Ratio Lower Upper
180 100
182 98.1 47.4 142.2
145 33.0 15.0 45.1

