

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
 Data File : VN071109.D
 Acq On : 28 Feb 2022 21:08
 Operator : JC\MD
 Sample : VN0228WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/01/2022
 Supervised By : Mahesh Dadoda 03/01/2022

Quant Time: Mar 01 04:25:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	641390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1044200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	910887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	363874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	437024	59.648	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 119.300%			
35) Dibromofluoromethane	8.016	113	341402	54.968	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.940%			
50) Toluene-d8	10.439	98	1335908	53.560	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.120%			
62) 4-Bromofluorobenzene	12.727	95	437012	49.017	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	120595	18.103	ug/l	97
3) Chloromethane	2.299	50	166097	19.836	ug/l	98
4) Vinyl Chloride	2.440	62	151543	18.079	ug/l	97
5) Bromomethane	2.846	94	85176	17.888	ug/l	98
6) Chloroethane	3.010	64	94241	17.138	ug/l	97
7) Trichlorofluoromethane	3.375	101	209825	19.975	ug/l	97
8) Diethyl Ether	3.828	74	92860	20.335	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	122003	18.930	ug/l	95
10) Methyl Iodide	4.422	142	151007	16.918	ug/l	98
11) Tert butyl alcohol	5.363	59	163790	122.666	ug/l	98
12) 1,1-Dichloroethene	4.187	96	117413	18.699	ug/l	98
13) Acrolein	4.040	56	106711	89.437	ug/l	97
14) Allyl chloride	4.846	41	246354	20.572	ug/l	87
15) Acrylonitrile	5.545	53	486128	123.601	ug/l	100
16) Acetone	4.281	43	394419	97.750	ug/l	99
17) Carbon Disulfide	4.534	76	276380	15.349	ug/l	99
18) Methyl Acetate	4.857	43	227779	25.486	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	478478	21.723	ug/l	97
20) Methylene Chloride	5.093	84	147138	20.065	ug/l	92
21) trans-1,2-Dichloroethene	5.598	96	126710	18.801	ug/l	98
22) Diisopropyl ether	6.492	45	536633	23.364	ug/l	92
23) Vinyl Acetate	6.428	43	2255544	116.009	ug/l	98
24) 1,1-Dichloroethane	6.387	63	276790	21.497	ug/l	100
25) 2-Butanone	7.328	43	657741	122.537	ug/l	96
26) 2,2-Dichloropropane	7.322	77	204043	19.068	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	158568	20.471	ug/l	91
28) Bromochloromethane	7.651	49	106715	20.478	ug/l	84
29) Tetrahydrofuran	7.681	42	459582	132.167	ug/l	91
30) Chloroform	7.816	83	266153	21.017	ug/l	99
31) Cyclohexane	8.092	56	256946	20.278	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	220810	20.191	ug/l	98
36) 1,1-Dichloropropene	8.216	75	190728	18.744	ug/l	97
37) Ethyl Acetate	7.410	43	275455	25.241	ug/l	97
38) Carbon Tetrachloride	8.204	117	187037	18.655	ug/l	99
39) Methylcyclohexane	9.457	83	226254	17.280	ug/l	93
40) Benzene	8.457	78	603625	20.054	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	141108	24.551	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	214469	20.921	ug/l	97
43) Isopropyl Acetate	8.557	43	415541	24.158	ug/l	96
44) Trichloroethene	9.210	130	142009	17.917	ug/l	95
45) 1,2-Dichloropropane	9.486	63	161338	20.926	ug/l	99
46) Dibromomethane	9.575	93	100490	19.805	ug/l	97
47) Bromodichloromethane	9.757	83	203362	19.831	ug/l	99
48) Methyl methacrylate	9.557	41	188881	23.199	ug/l #	83
49) 1,4-Dioxane	9.563	88	66892	462.568	ug/l	88
51) 4-Methyl-2-Pentanone	10.328	43	1295810	123.816	ug/l	98
52) Toluene	10.498	92	372644	19.703	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	213556	19.152	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	238944	19.513	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	150681	20.353	ug/l	97
56) Ethyl methacrylate	10.757	69	244703	21.938	ug/l	92
57) 1,3-Dichloropropane	11.039	76	266985	20.849	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	195924	100.720	ug/l	95
59) 2-Hexanone	11.080	43	898955	124.894	ug/l	99
60) Dibromochloromethane	11.233	129	149511	19.109	ug/l	100
61) 1,2-Dibromoethane	11.339	107	149280	19.824	ug/l	100
64) Tetrachloroethene	10.975	164	123357	17.389	ug/l	97
65) Chlorobenzene	11.769	112	383864	19.557	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	143911	20.114	ug/l	99
67) Ethyl Benzene	11.839	91	687916	20.024	ug/l	98
68) m/p-Xylenes	11.951	106	521496	39.299	ug/l	100
69) o-Xylene	12.274	106	264012	20.367	ug/l	98
70) Styrene	12.292	104	401095	19.460	ug/l	98
71) Bromoform	12.451	173	107549	18.874	ug/l #	97
73) Isopropylbenzene	12.574	105	661137	22.573	ug/l	100
74) N-amyl acetate	12.380	43	236890	25.303	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.822	83	234547	25.201	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	174709m	20.392	ug/l	
77) Bromobenzene	12.857	156	152948	21.332	ug/l	84
78) n-propylbenzene	12.916	91	708676	21.535	ug/l	98
79) 2-Chlorotoluene	13.004	91	450399	22.538	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	525770	22.158	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	59526	22.514	ug/l	93
82) 4-Chlorotoluene	13.098	91	417237	21.508	ug/l	95
83) tert-Butylbenzene	13.316	119	482642	21.448	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	508102	21.753	ug/l	99
85) sec-Butylbenzene	13.498	105	632869	21.343	ug/l	99
86) p-Isopropyltoluene	13.610	119	494252	20.305	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	250729	19.754	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	242795	19.524	ug/l	98
89) n-Butylbenzene	13.939	91	348465	17.546	ug/l	96
90) Hexachloroethane	14.204	117	91252	20.991	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	250171	20.990	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	36728	24.356	ug/l	88
93) 1,2,4-Trichlorobenzene	15.263	180	96819	15.874	ug/l	97
94) Hexachlorobutadiene	15.368	225	69916	16.087	ug/l	100
95) Naphthalene	15.504	128	222779	17.317	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	90652	16.456	ug/l	98

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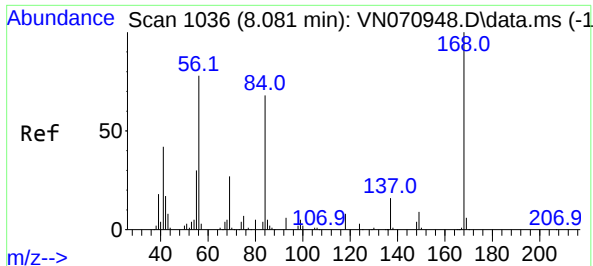
Manual Integrations
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Response via : Initial Calibration

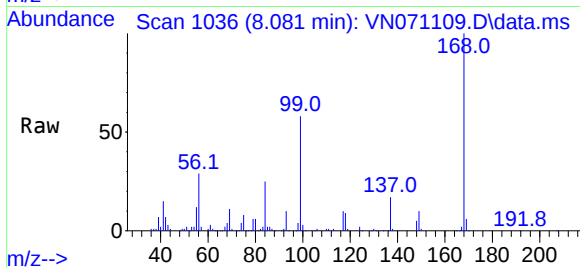
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.081 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VN071109.D
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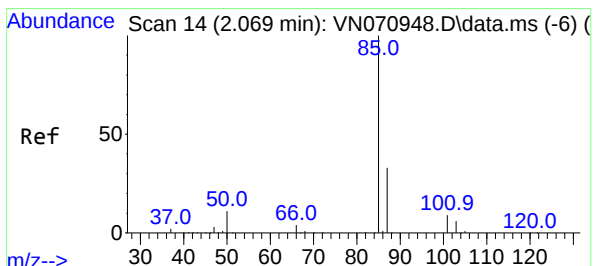
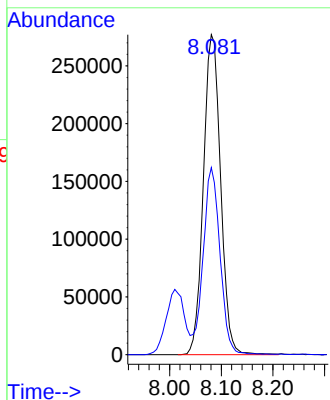
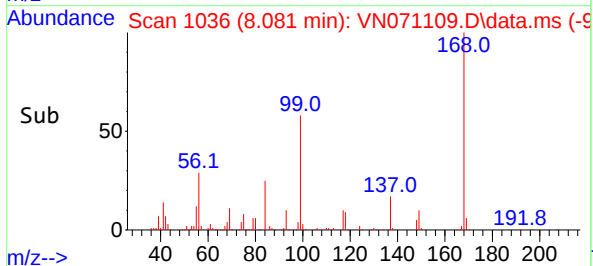
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBSD02



Tgt Ion:168 Resp: 641390
 Ion Ratio Lower Upper
 168 100
 99 58.3 41.3 61.9

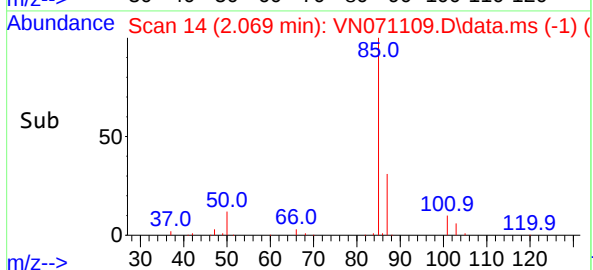
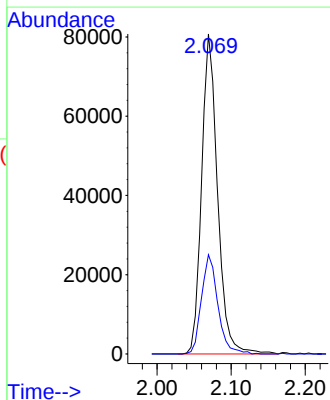
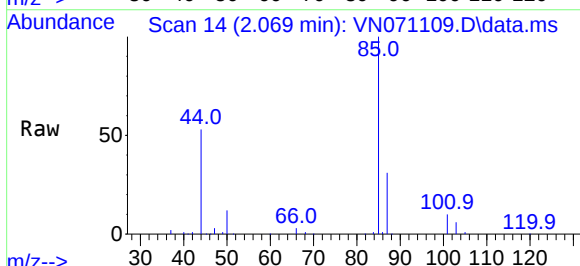
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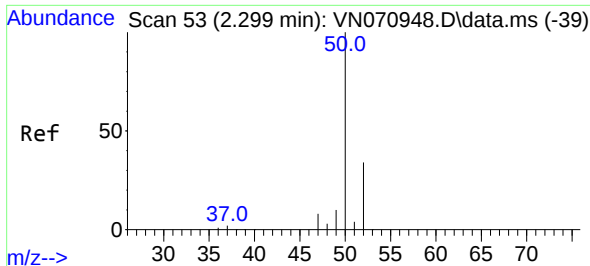
Reviewed By :John Carlone 03/01/2022
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Dichlorodifluoromethane
 Concen: 18.103 ug/l
 RT: 2.069 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VN071109.D
 Acq: 28 Feb 2022 21:08

Tgt Ion: 85 Resp: 120595
 Ion Ratio Lower Upper
 85 100
 87 31.0 16.3 48.9





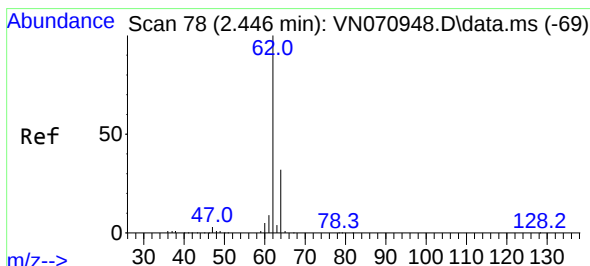
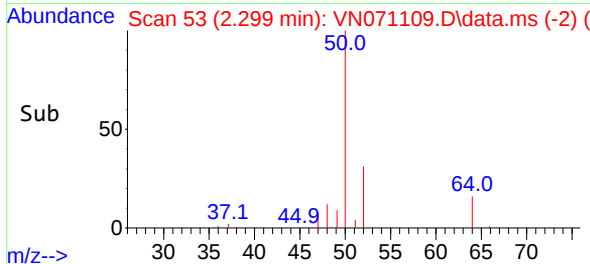
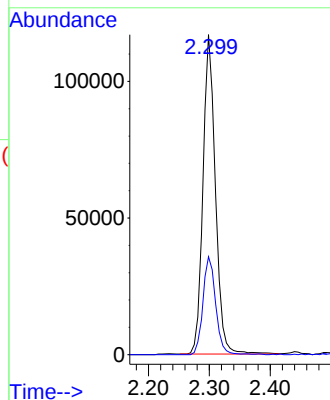
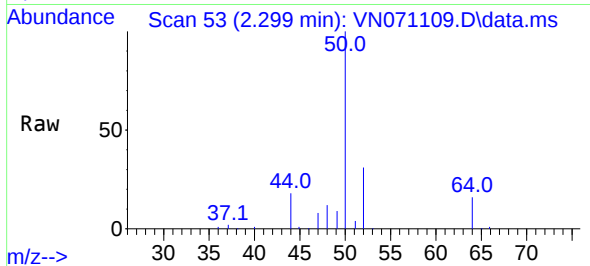
#3
Chloromethane
Concen: 19.836 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

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Tgt Ion: 50 Resp: 16609
Ion Ratio Lower Upper
50 100
52 30.7 25.4 38.0

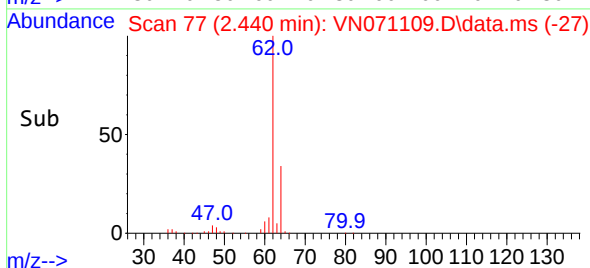
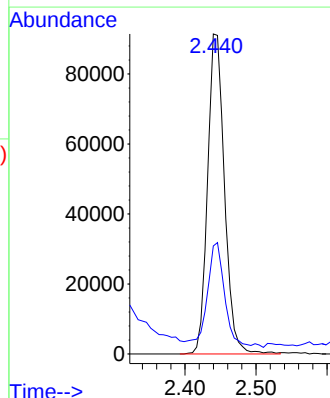
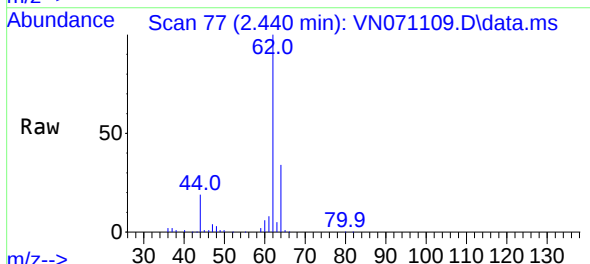
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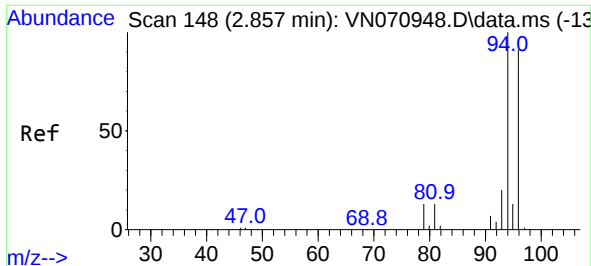
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#4
Vinyl Chloride
Concen: 18.079 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

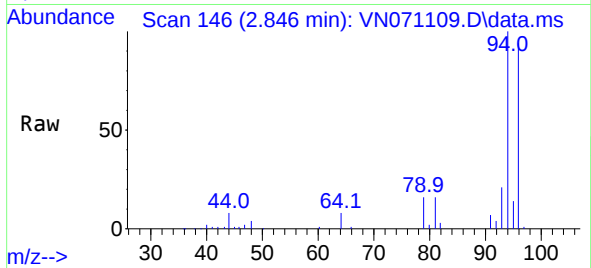
Tgt Ion: 62 Resp: 151543
Ion Ratio Lower Upper
62 100
64 30.7 25.8 38.6





#5
Bromomethane
Concen: 17.888 ug/l
RT: 2.846 min Scan# 14
Delta R.T. -0.012 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

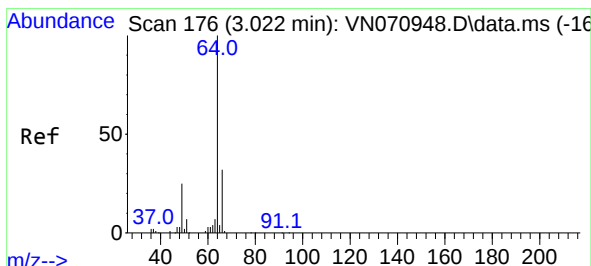
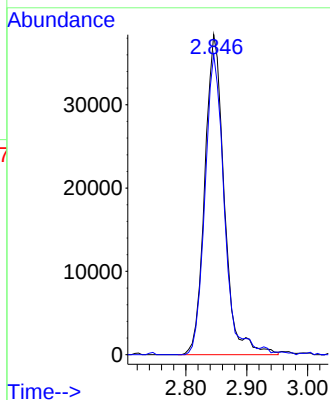
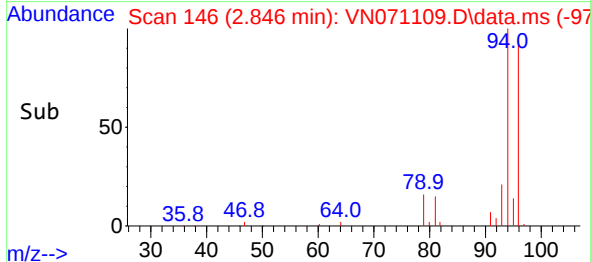
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Tgt Ion: 94 Resp: 85170
Ion Ratio Lower Upper
94 100
96 93.8 73.8 110.8

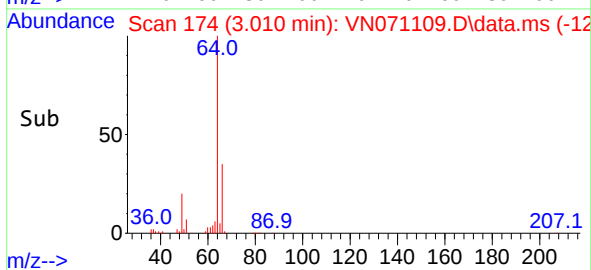
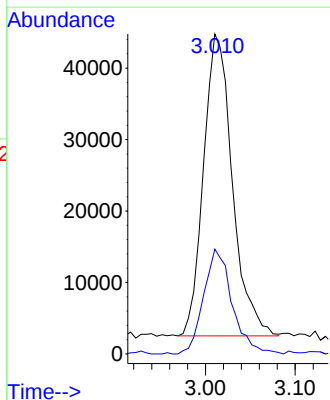
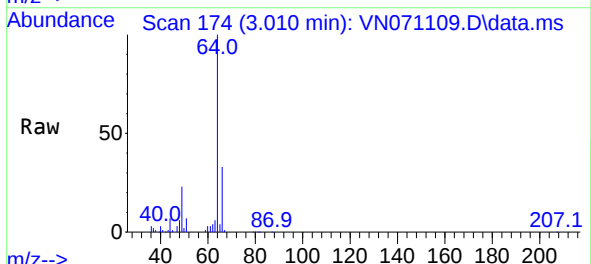
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#6
Chloroethane
Concen: 17.138 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.012 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

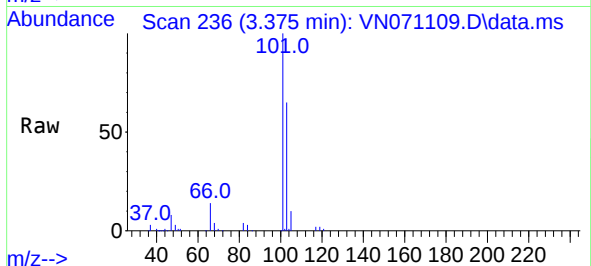
Tgt Ion: 64 Resp: 94241
Ion Ratio Lower Upper
64 100
66 34.7 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 19.975 ug/l
 RT: 3.375 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN071109.D
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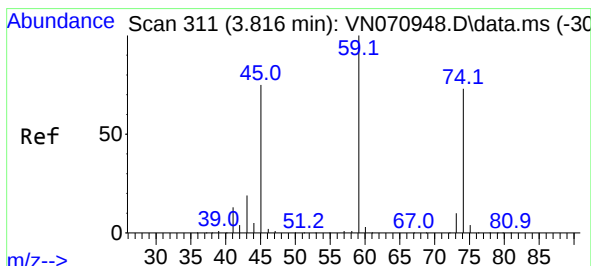
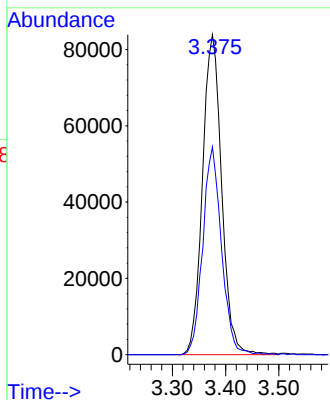
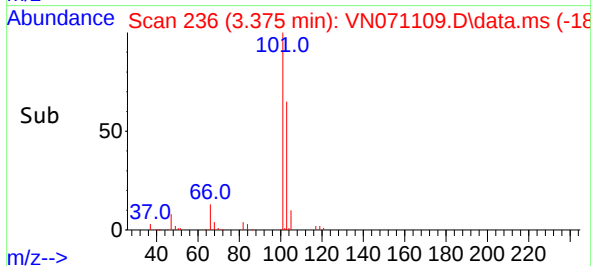
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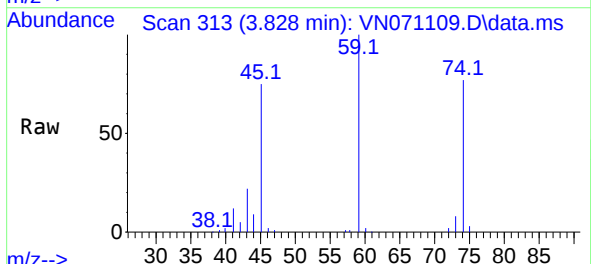
Tgt Ion: 101 Resp: 209825
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.1 75.1

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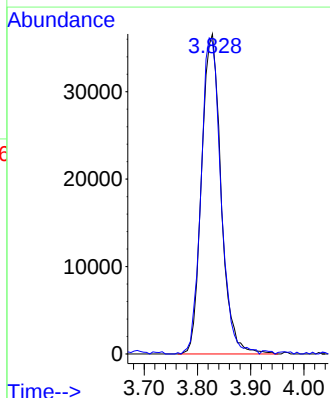
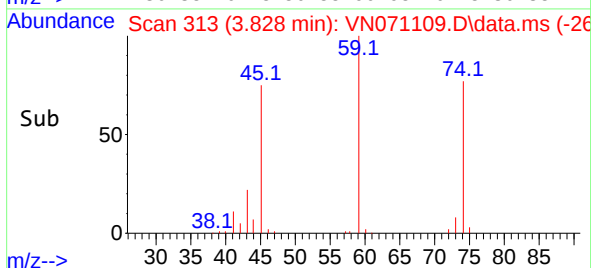
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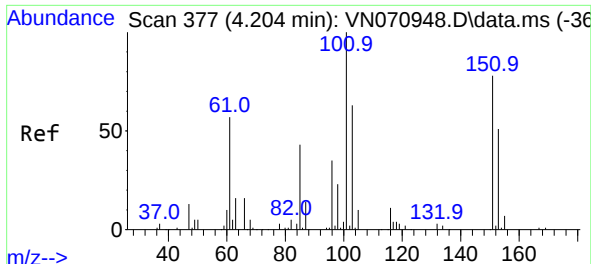


#8
 Diethyl Ether
 Concen: 20.335 ug/l
 RT: 3.828 min Scan# 313
 Delta R.T. 0.012 min
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Tgt Ion: 74 Resp: 92860
 Ion Ratio Lower Upper
 74 100
 45 100.6 47.0 141.2





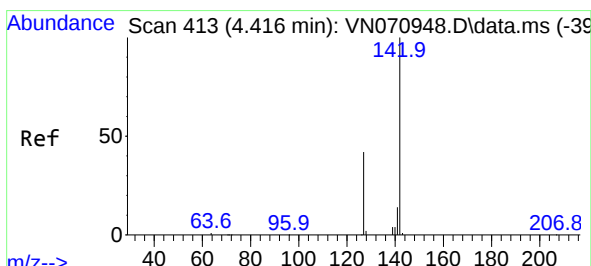
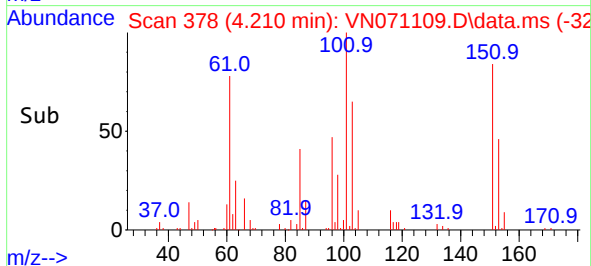
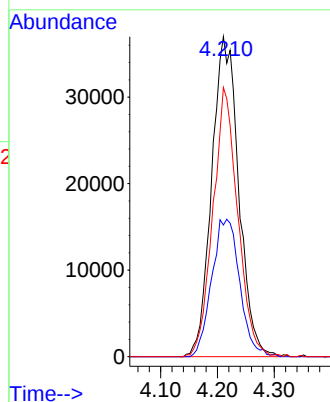
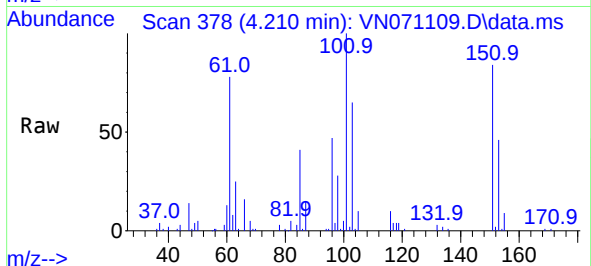
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.930 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02

Tgt Ion:101 Resp: 122000
Ion Ratio Lower Upper
101 100
85 44.6 37.2 55.8
151 77.3 65.9 98.9

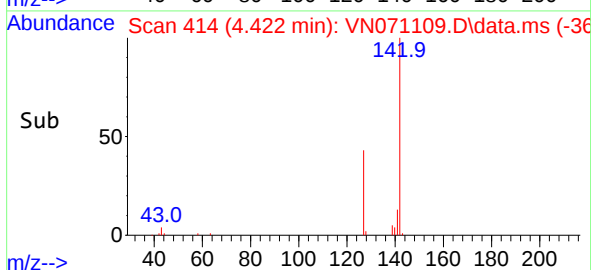
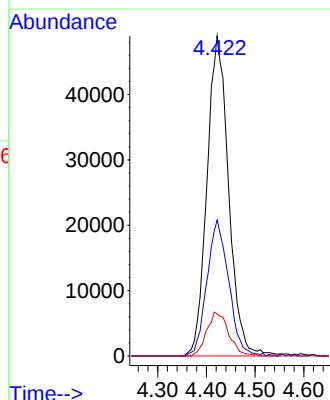
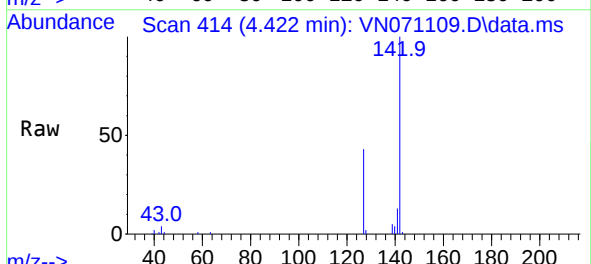
Manual Integrations
APPROVED

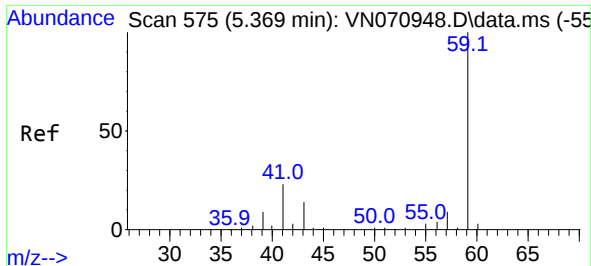
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#10
Methyl Iodide
Concen: 16.918 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

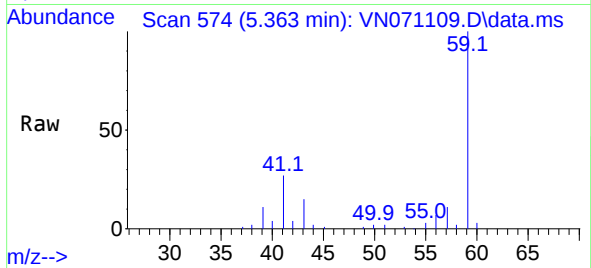
Tgt Ion:142 Resp: 151007
Ion Ratio Lower Upper
142 100
127 42.7 35.4 53.0
141 13.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 122.666 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

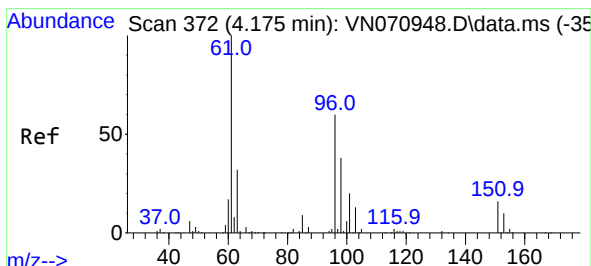
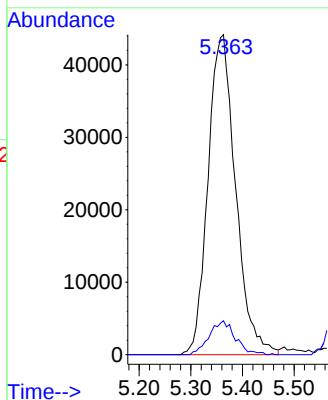
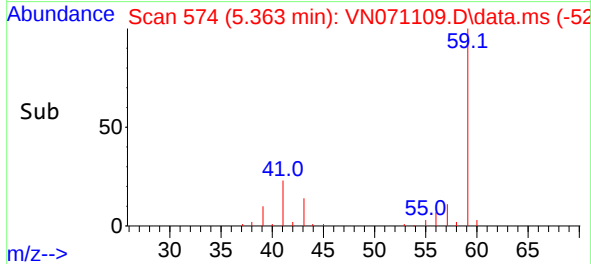
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



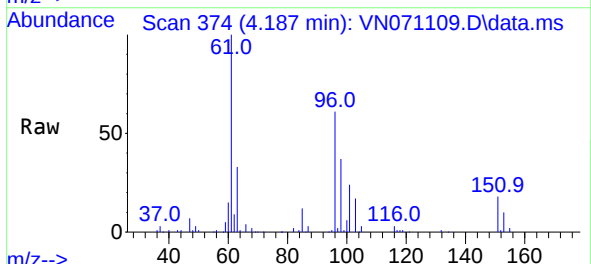
Tgt Ion: 59 Resp: 163790
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

Manual Integrations
APPROVED

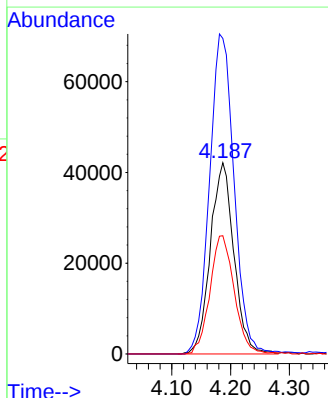
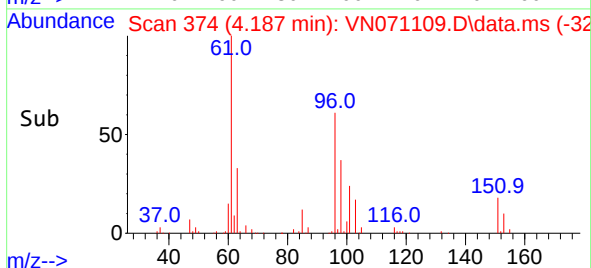
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

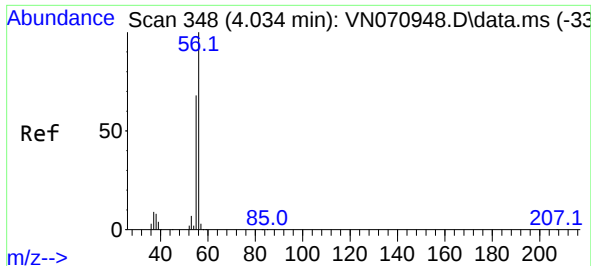


#12
1,1-Dichloroethene
Concen: 18.699 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.012 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



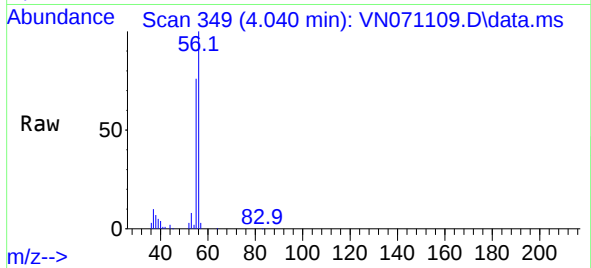
Tgt Ion: 96 Resp: 117413
Ion Ratio Lower Upper
96 100
61 165.0 131.0 196.6
98 61.9 52.4 78.6





#13
Acrolein
Concen: 89.437 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

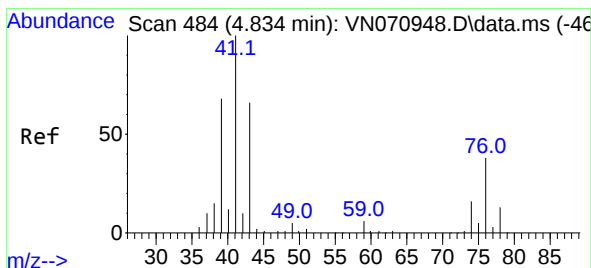
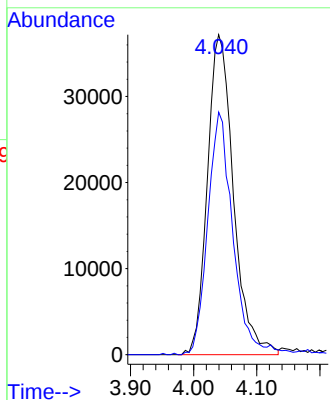
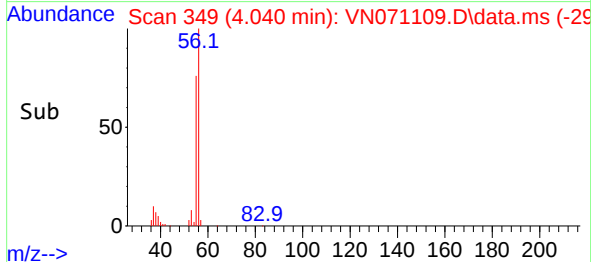
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



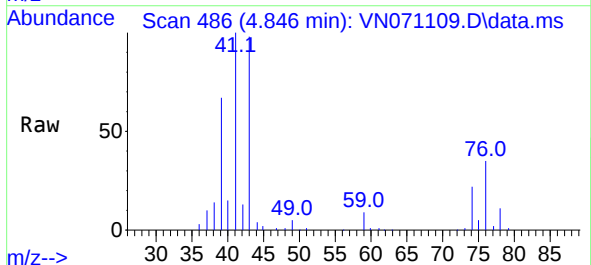
Tgt Ion: 56 Resp: 10671
Ion Ratio Lower Upper
56 100
55 73.1 56.6 85.0

Manual Integrations
APPROVED

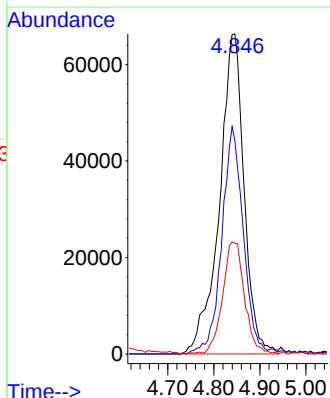
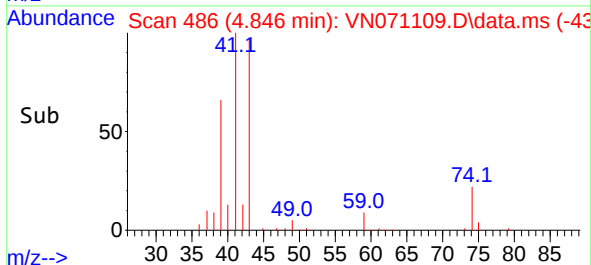
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

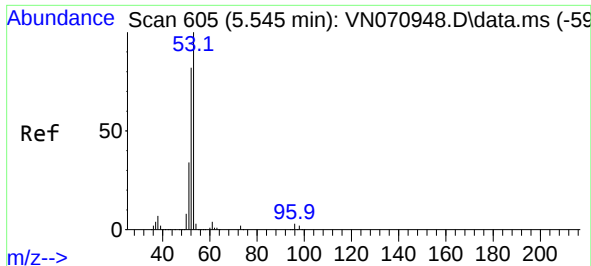


#14
Allyl chloride
Concen: 20.572 ug/l
RT: 4.846 min Scan# 486
Delta R.T. 0.012 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



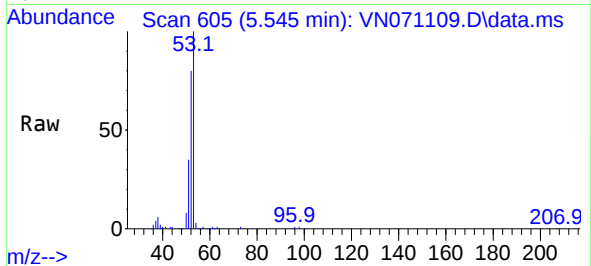
Tgt Ion: 41 Resp: 246354
Ion Ratio Lower Upper
41 100
39 61.6 61.2 91.8
76 31.2 26.0 39.0





#15
Acrylonitrile
Concen: 123.601 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

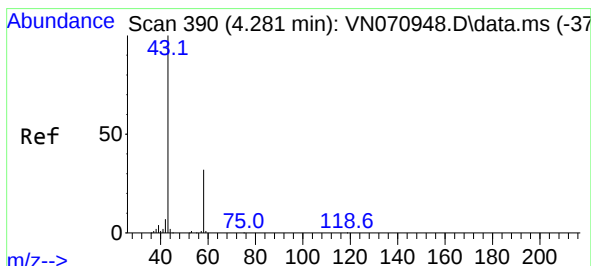
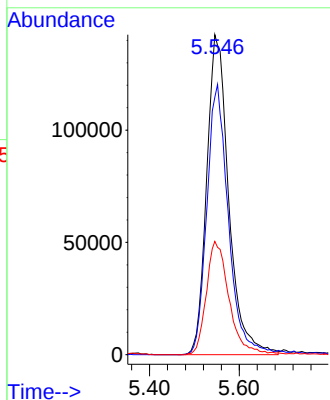
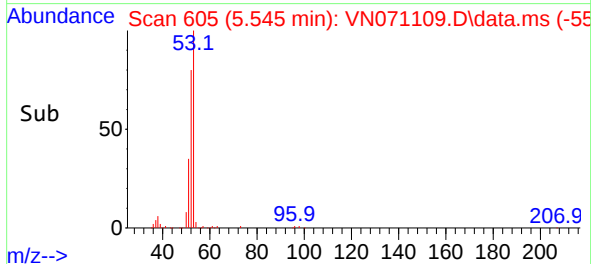
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



Tgt Ion: 53 Resp: 486128
Ion Ratio Lower Upper
53 100
52 82.4 66.2 99.2
51 36.6 29.6 44.4

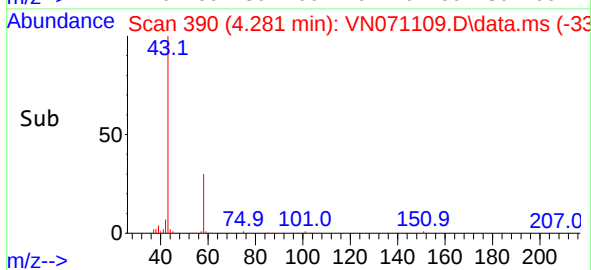
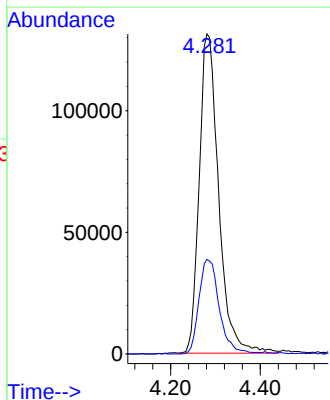
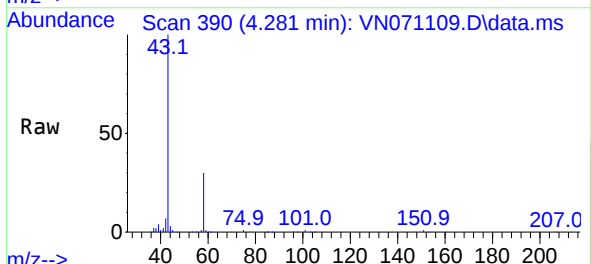
Manual Integrations
APPROVED

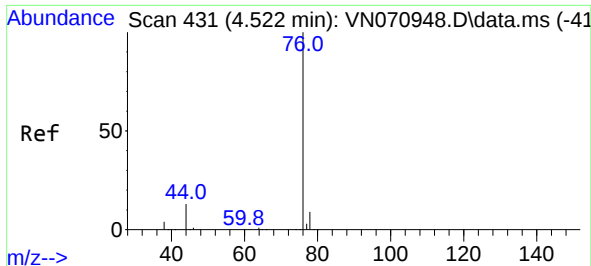
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#16
Acetone
Concen: 97.750 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

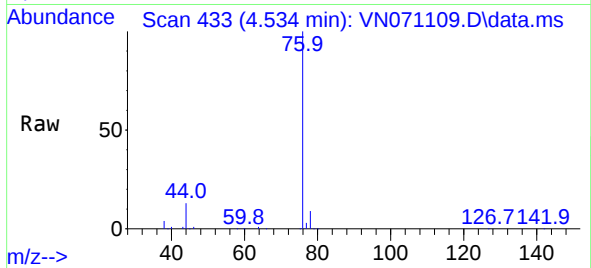
Tgt Ion: 43 Resp: 394419
Ion Ratio Lower Upper
43 100
58 29.6 23.1 34.7





#17
Carbon Disulfide
Concen: 15.349 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

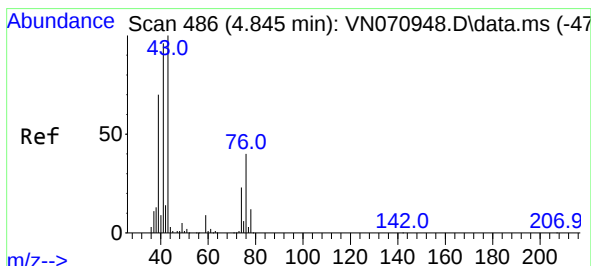
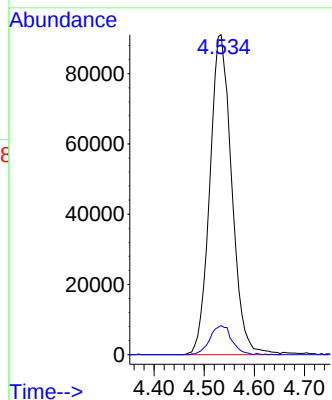
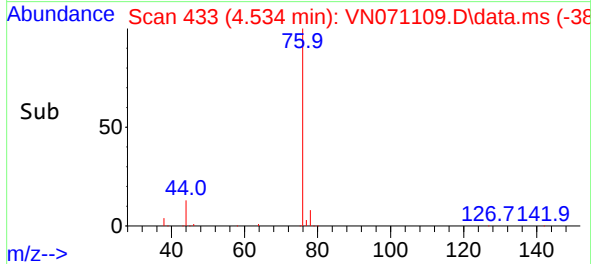
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



Tgt Ion: 76 Resp: 276380
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

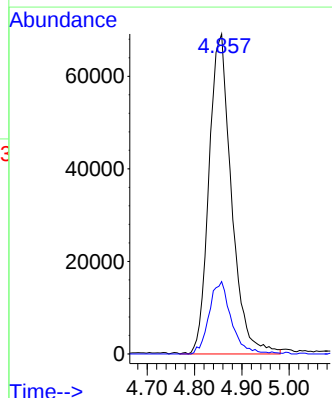
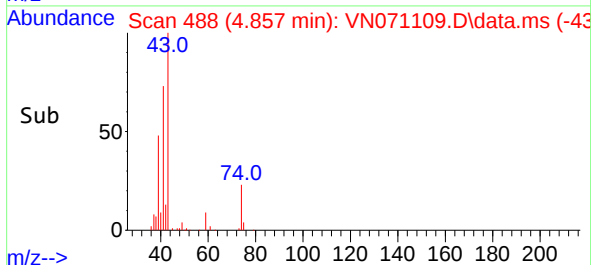
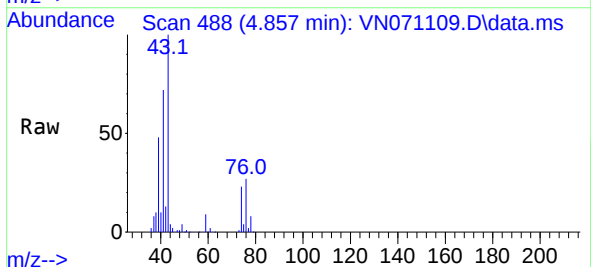
Manual Integrations
APPROVED

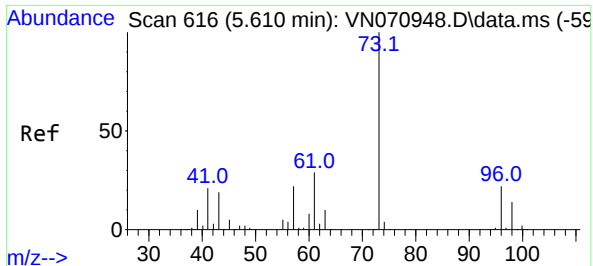
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#18
Methyl Acetate
Concen: 25.486 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.012 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

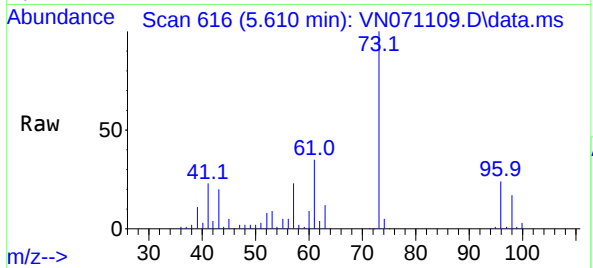
Tgt Ion: 43 Resp: 227779
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 21.723 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

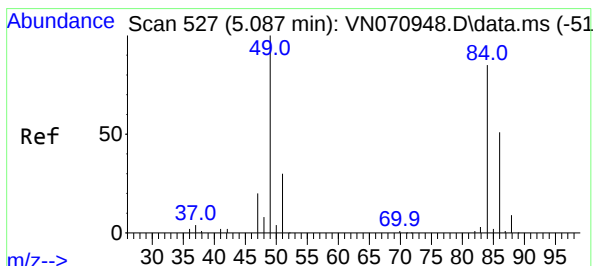
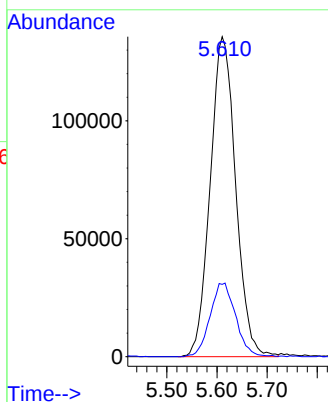
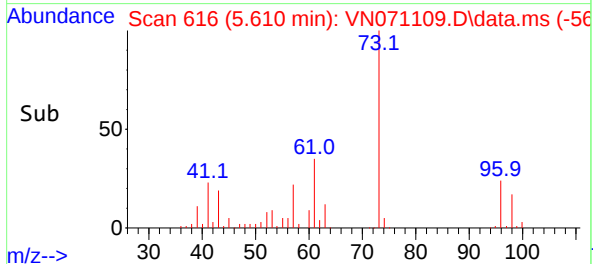
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



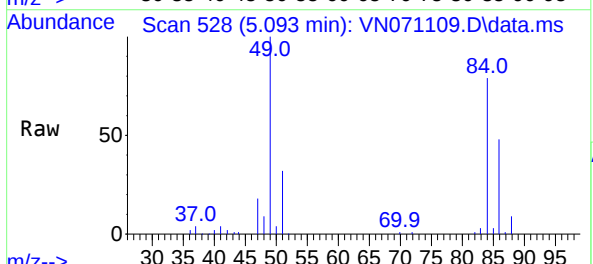
Tgt Ion: 73 Resp: 478478
Ion Ratio Lower Upper
73 100
57 22.6 16.8 25.2

Manual Integrations
APPROVED

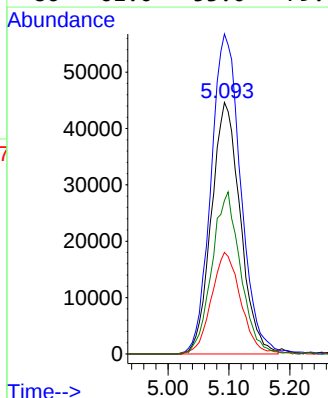
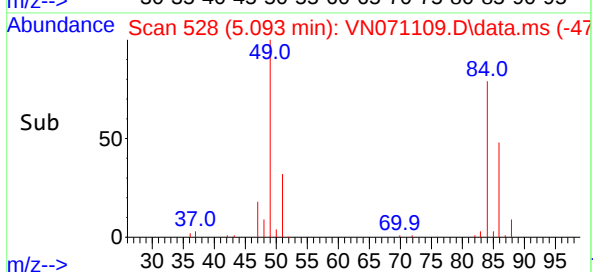
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

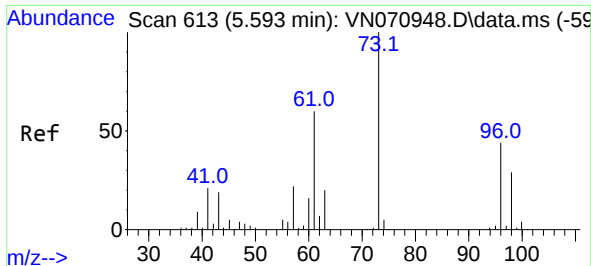


#20
Methylene Chloride
Concen: 20.065 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



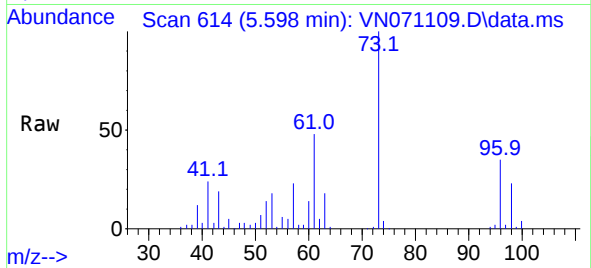
Tgt Ion: 84 Resp: 147138
Ion Ratio Lower Upper
84 100
49 127.2 93.5 140.3
51 40.4 29.4 44.2
86 61.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.801 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

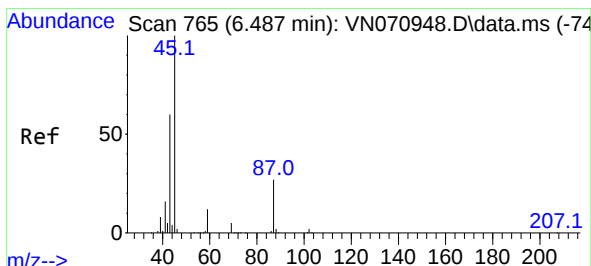
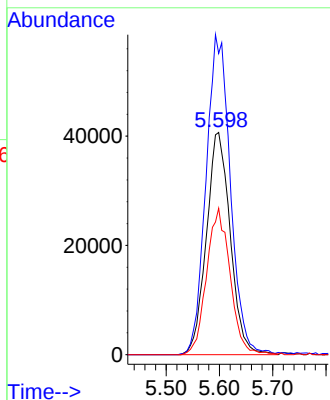
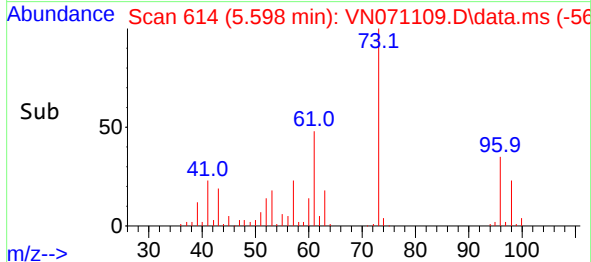
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



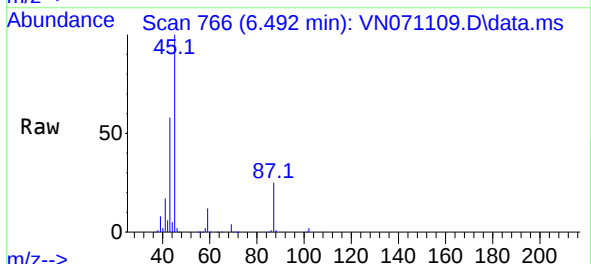
Tgt Ion: 96 Resp: 126710
Ion Ratio Lower Upper
96 100
61 135.6 105.8 158.6
98 65.9 52.0 78.0

Manual Integrations
APPROVED

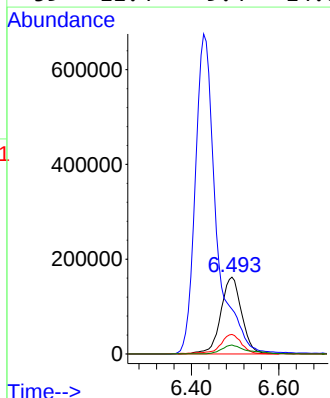
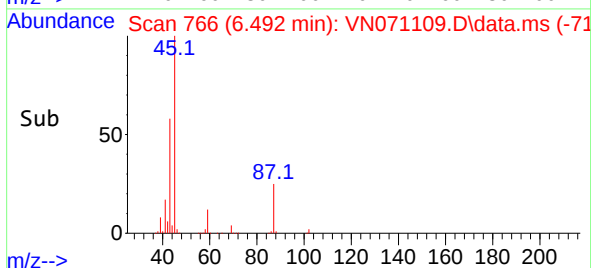
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

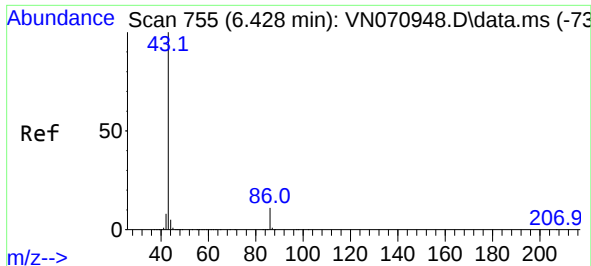


#22
Diisopropyl ether
Concen: 23.364 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



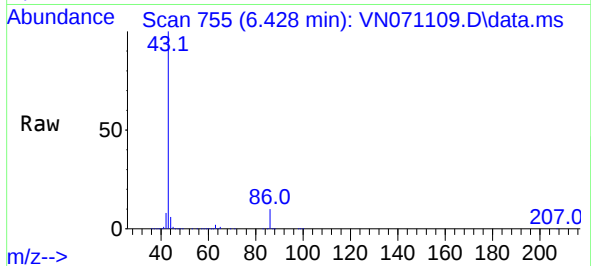
Tgt Ion: 45 Resp: 536633
Ion Ratio Lower Upper
45 100
43 56.4 51.7 77.5
87 25.4 23.2 34.8
59 11.4 9.4 14.0





#23
 Vinyl Acetate
 Concen: 116.009 ug/l
 RT: 6.428 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VN071109.D
 Acq: 28 Feb 2022 21:08

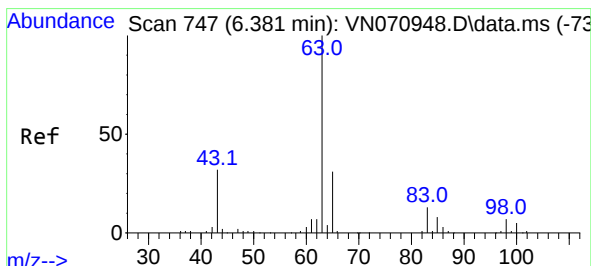
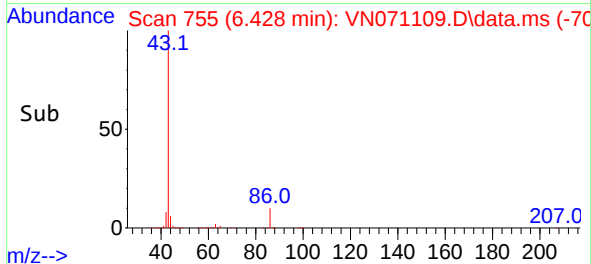
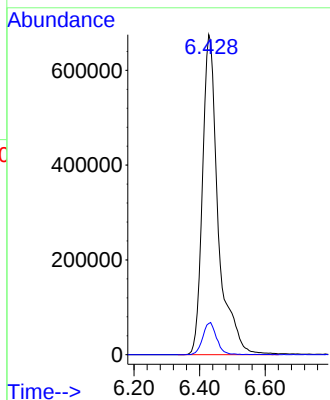
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBSD02



Tgt Ion: 43 Resp: 225554
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7

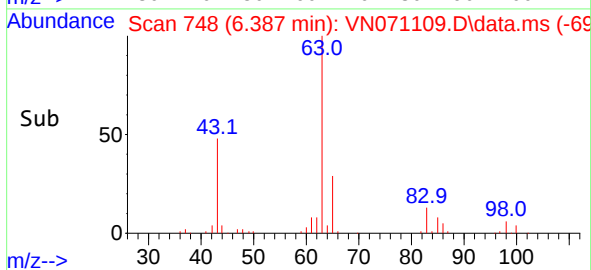
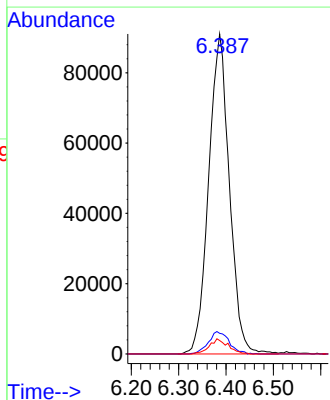
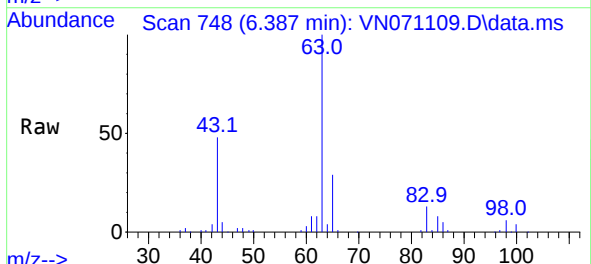
Manual Integrations
 APPROVED

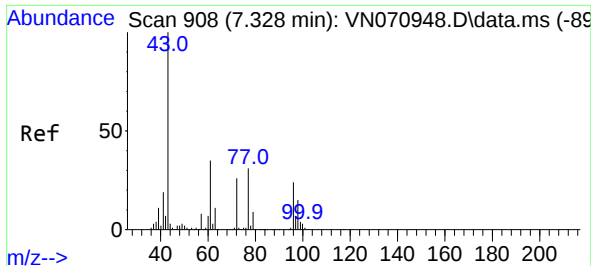
Reviewed By :John Carlone 03/01/2022
 Supervised By :Mahesh Dadoda 03/01/2022



#24
 1,1-Dichloroethane
 Concen: 21.497 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN071109.D
 Acq: 28 Feb 2022 21:08

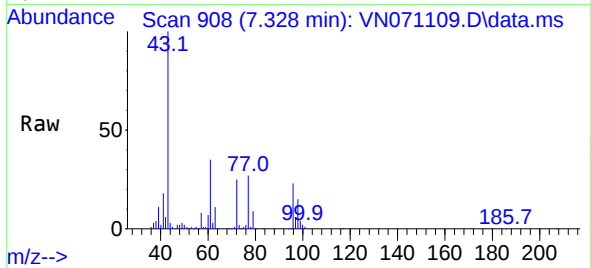
Tgt Ion: 63 Resp: 276790
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.2 2.1 6.5





#25
2-Butanone
Concen: 122.537 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

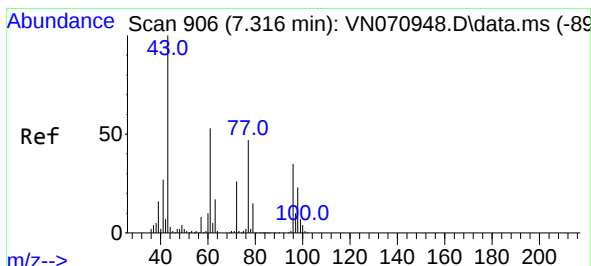
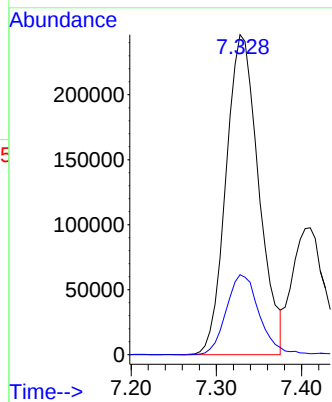
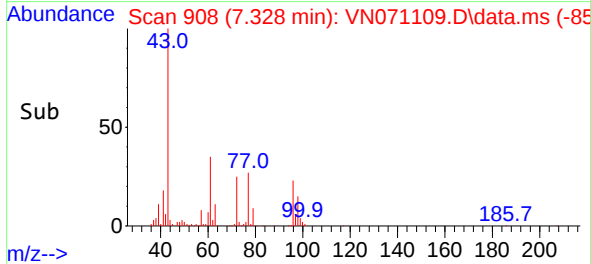
Instrument :
MSVOA_N
Client SampleId :
VN0228WBSD02



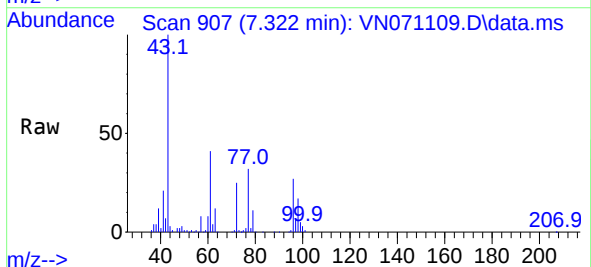
Tgt Ion: 43 Resp: 65774
Ion Ratio Lower Upper
43 100
72 25.0 21.7 32.5

Manual Integrations
APPROVED

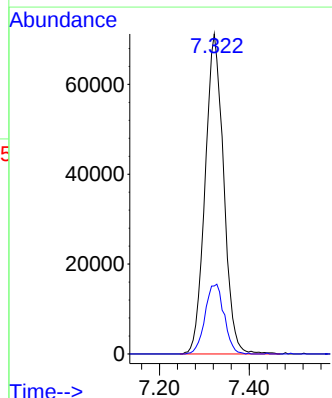
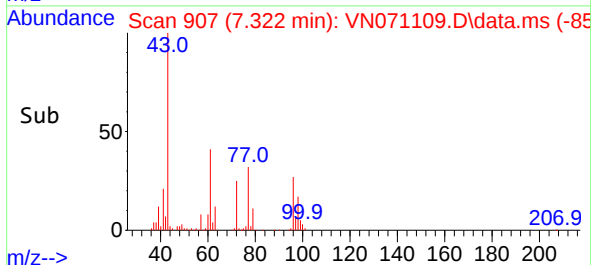
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

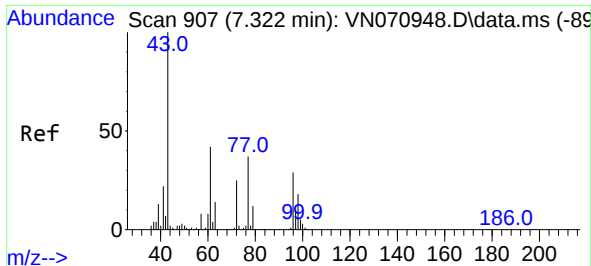


#26
2,2-Dichloropropane
Concen: 19.068 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



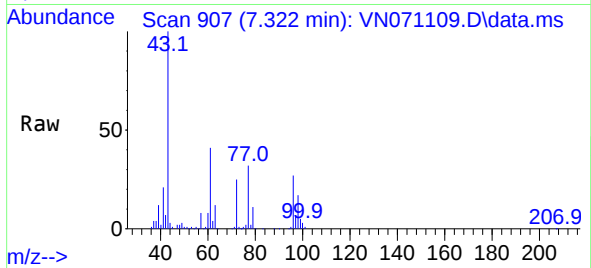
Tgt Ion: 77 Resp: 204043
Ion Ratio Lower Upper
77 100
97 22.4 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 20.471 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

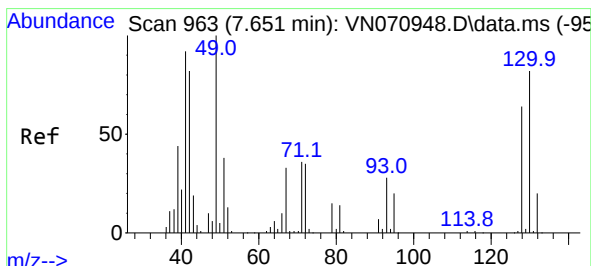
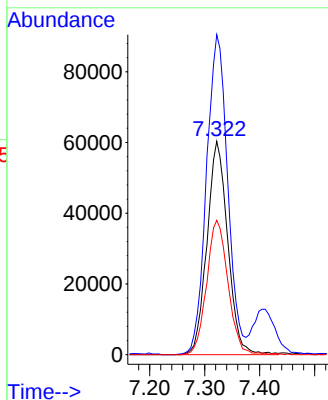
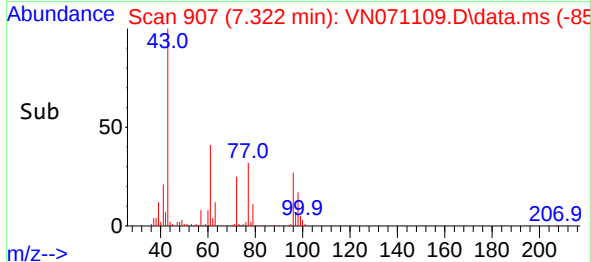
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



Tgt Ion: 96 Resp: 15856
Ion Ratio Lower Upper
96 100
61 153.0 0.0 275.0
98 64.9 0.0 129.6

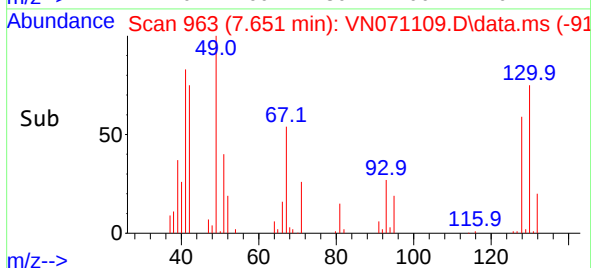
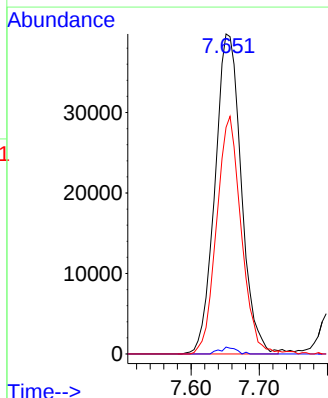
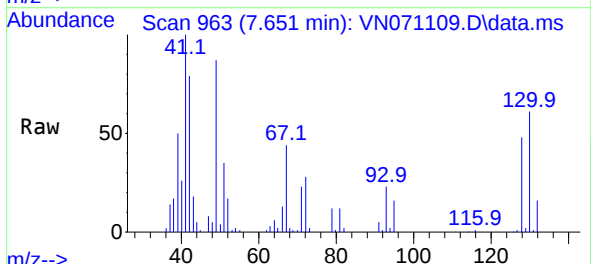
Manual Integrations
APPROVED

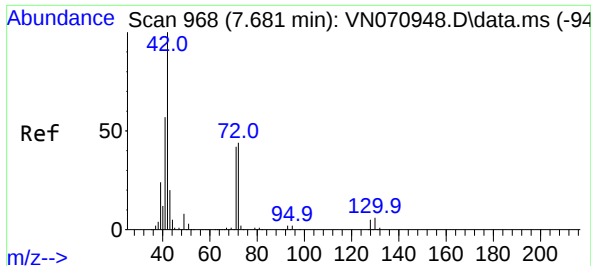
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#28
Bromochloromethane
Concen: 20.478 ug/l
RT: 7.651 min Scan# 963
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

Tgt Ion: 49 Resp: 106715
Ion Ratio Lower Upper
49 100
129 1.4 0.0 4.0
130 69.7 67.8 101.8





#29

Tetrahydrofuran

Concen: 132.167 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN071109.D

Acq: 28 Feb 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD02

Tgt Ion: 42 Resp: 45958

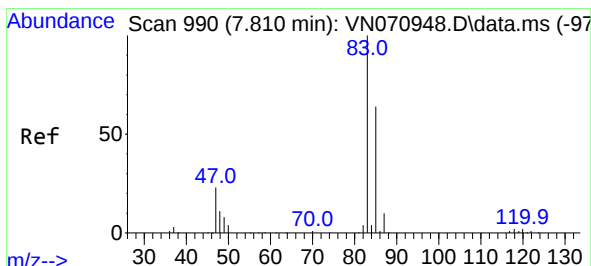
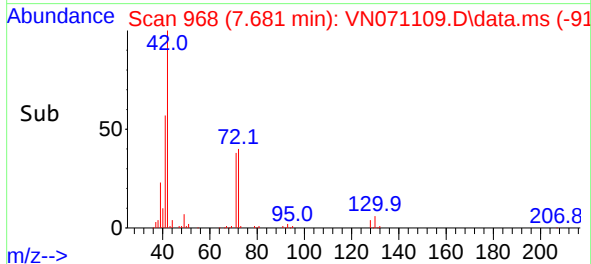
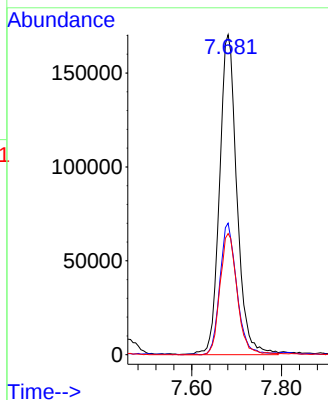
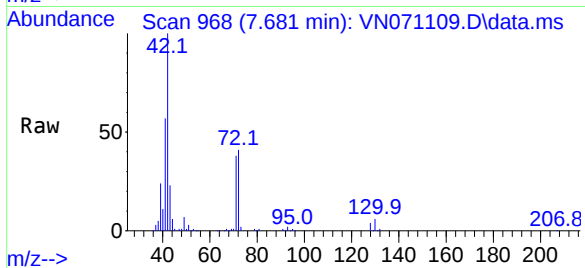
Ion	Ratio	Lower	Upper
42	100		
72	39.9	36.3	54.5
71	37.1	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2022

Supervised By :Mahesh Dadoda 03/01/2022



#30

Chloroform

Concen: 21.017 ug/l

RT: 7.816 min Scan# 991

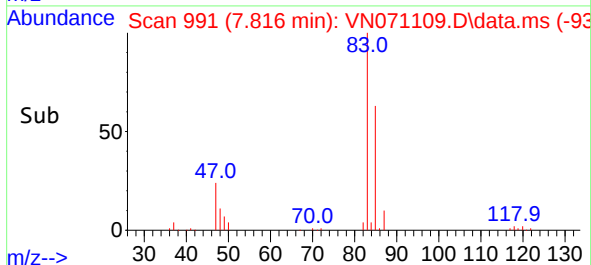
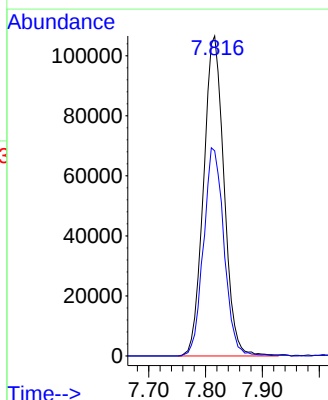
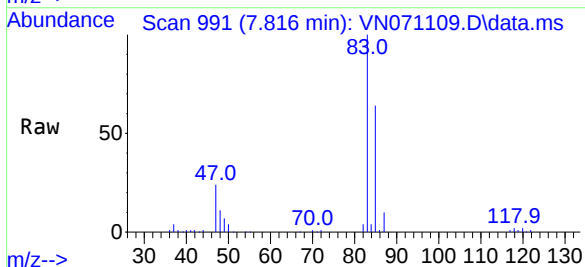
Delta R.T. 0.006 min

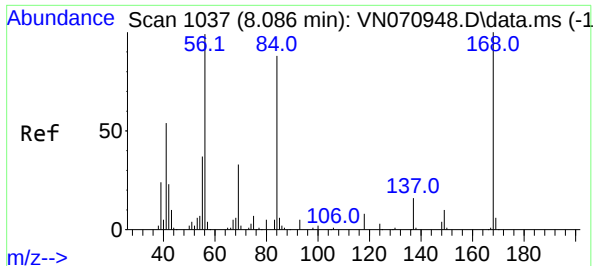
Lab File: VN071109.D

Acq: 28 Feb 2022 21:08

Tgt Ion: 83 Resp: 266153

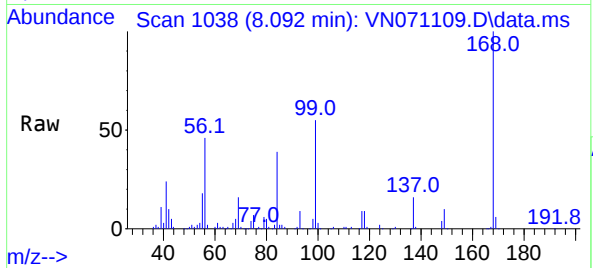
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.9	77.9





#31
Cyclohexane
Concen: 20.278 ug/l
RT: 8.092 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

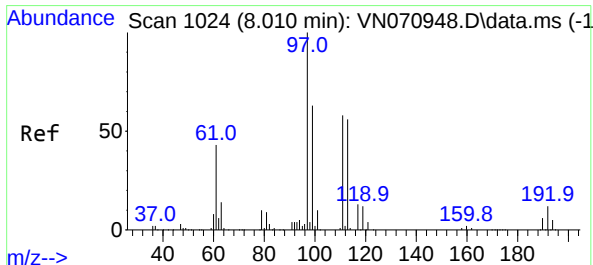
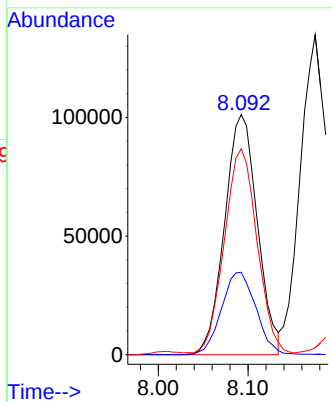
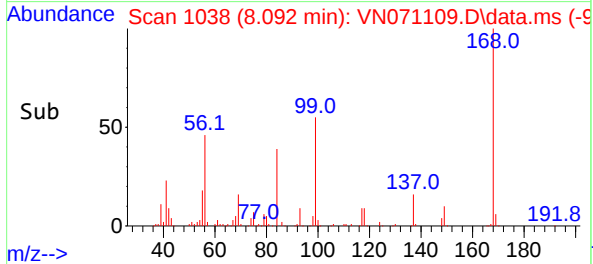
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



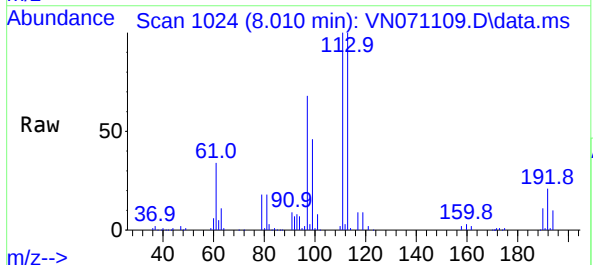
Tgt Ion: 56 Resp: 256940
Ion Ratio Lower Upper
56 100
69 34.3 27.1 40.7
84 84.7 73.4 110.0

Manual Integrations
APPROVED

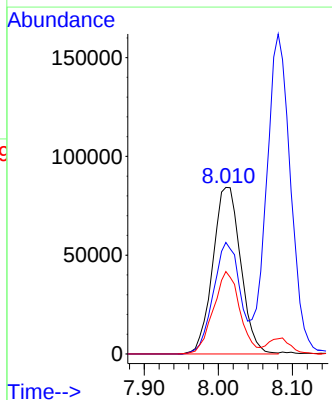
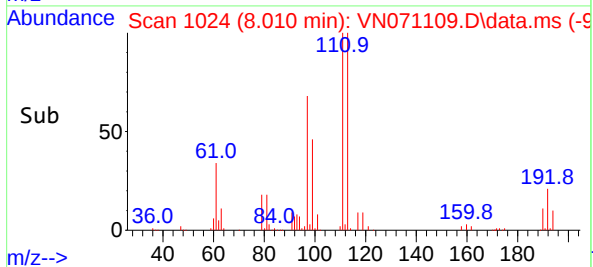
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

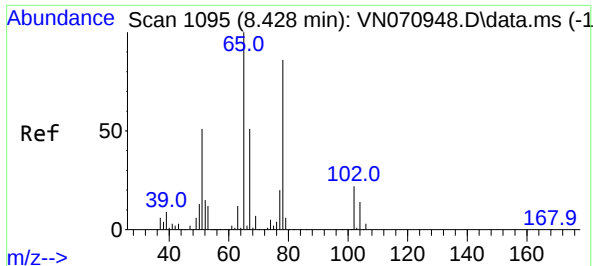


#32
1,1,1-Trichloroethane
Concen: 20.191 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



Tgt Ion: 97 Resp: 220810
Ion Ratio Lower Upper
97 100
99 63.0 50.1 75.1
61 47.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 59.648 ug/l

RT: 8.434 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN071109.D

Acq: 28 Feb 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD02

Tgt Ion: 65 Resp: 437024

Ion Ratio Lower Upper

65 100

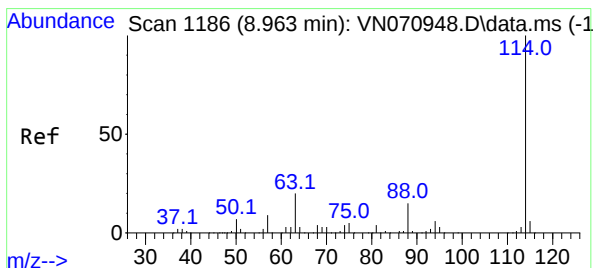
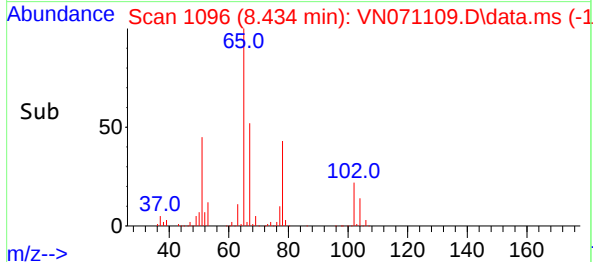
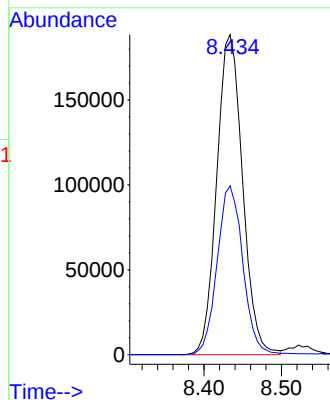
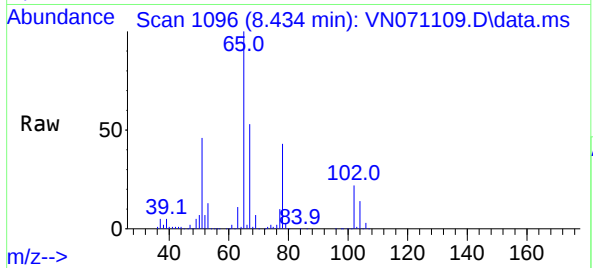
67 52.8 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2022

Supervised By :Mahesh Dadoda 03/01/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071109.D

Acq: 28 Feb 2022 21:08

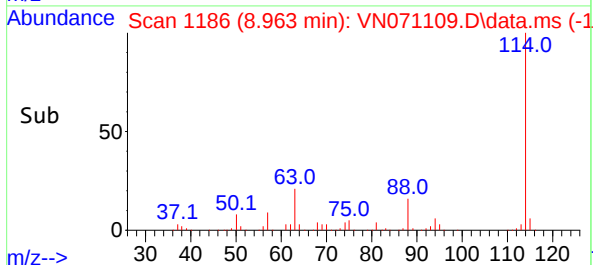
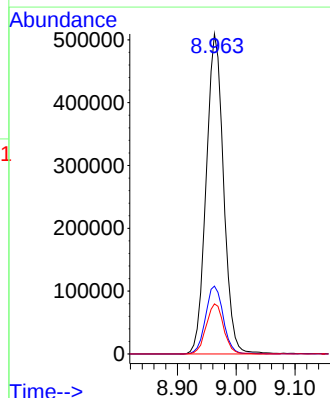
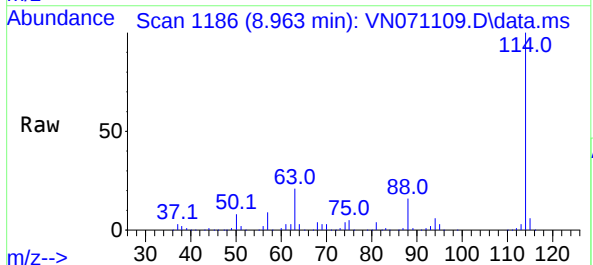
Tgt Ion:114 Resp: 1044200

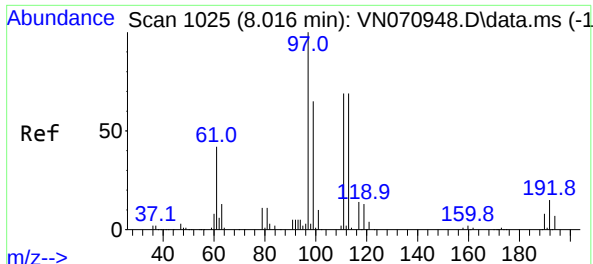
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.8

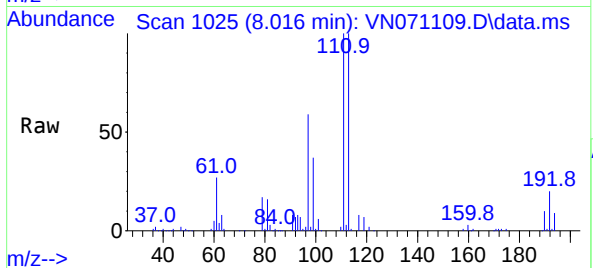
88 15.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.968 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

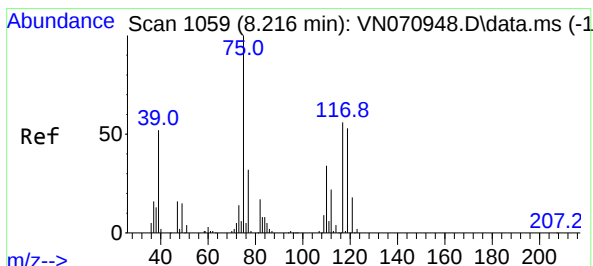
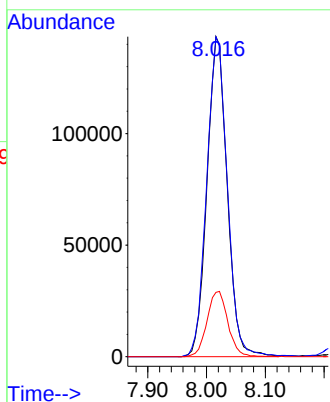
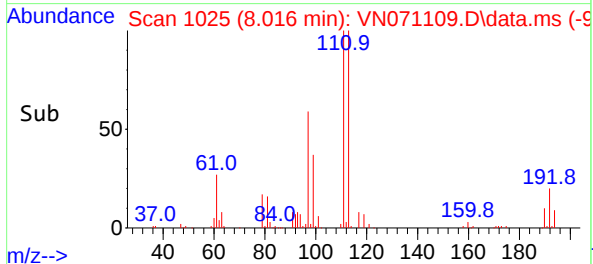
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



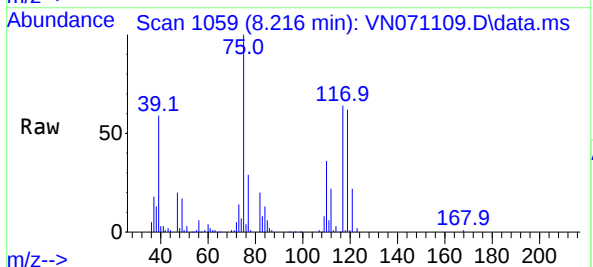
Tgt Ion:113 Resp: 341402
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 21.1 16.9 25.3

Manual Integrations
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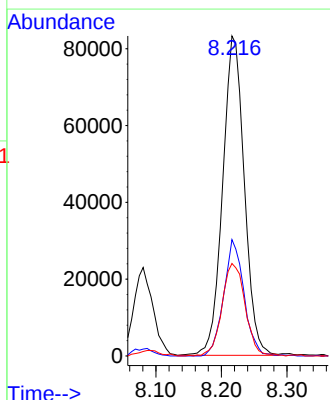
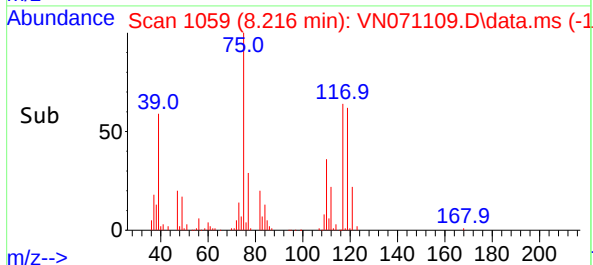
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

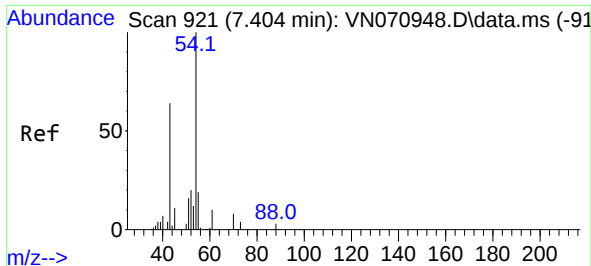


#36
1,1-Dichloropropene
Concen: 18.744 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



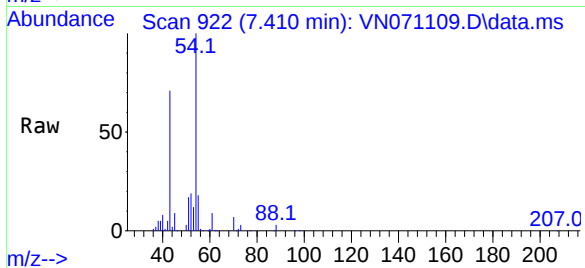
Tgt Ion: 75 Resp: 190728
Ion Ratio Lower Upper
75 100
110 34.3 18.4 55.2
77 31.0 24.4 36.6





#37
Ethyl Acetate
Concen: 25.241 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

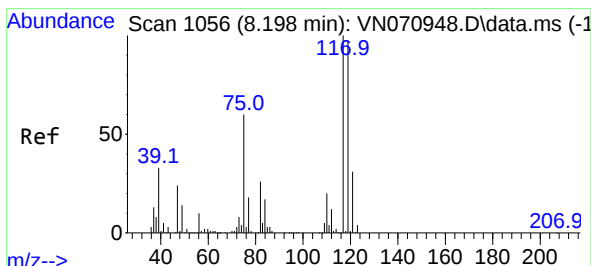
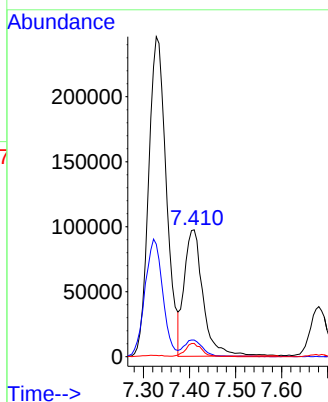
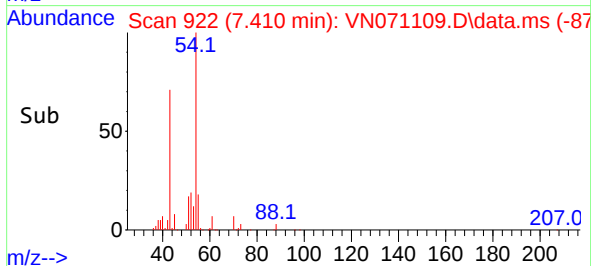
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



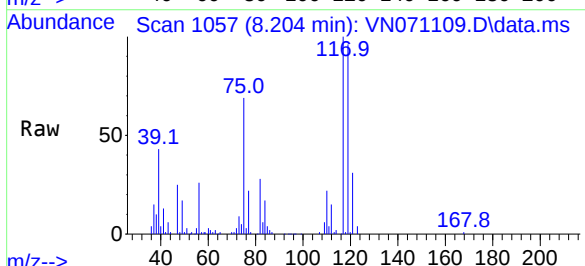
Tgt Ion: 43 Resp: 27545
Ion Ratio Lower Upper
43 100
61 13.0 11.5 17.3
70 9.3 7.9 11.9

Manual Integrations
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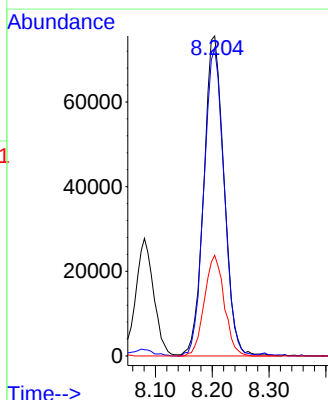
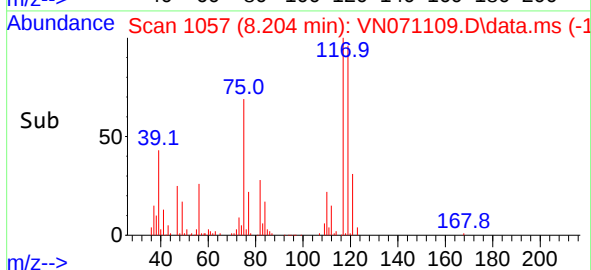
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

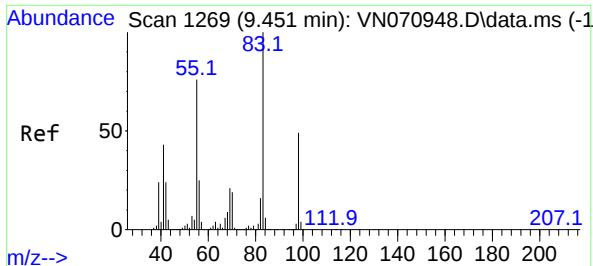


#38
Carbon Tetrachloride
Concen: 18.655 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



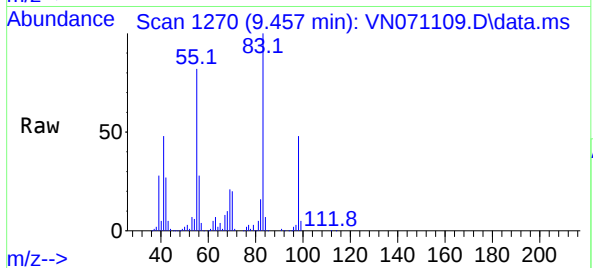
Tgt Ion:117 Resp: 187037
Ion Ratio Lower Upper
117 100
119 96.1 76.1 114.1
121 31.5 24.2 36.2





#39
Methylcyclohexane
Concen: 17.280 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

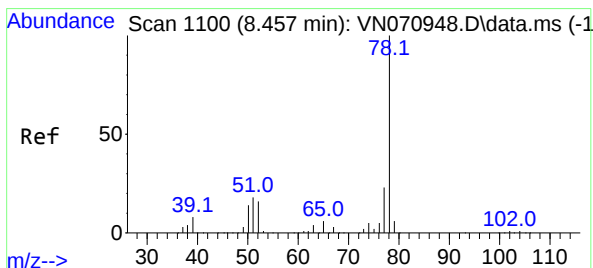
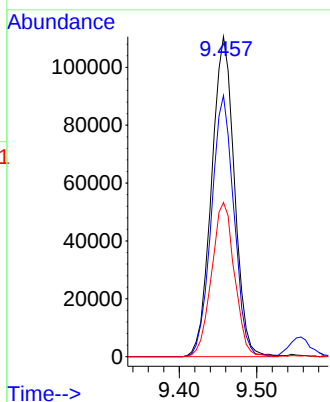
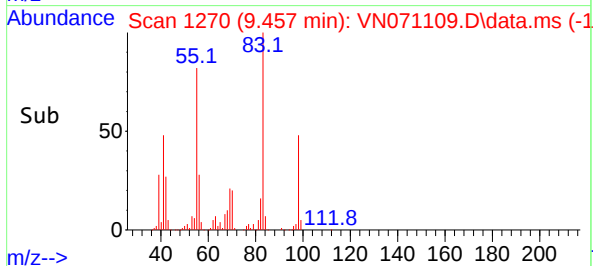
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



Tgt Ion: 83 Resp: 226254
Ion Ratio Lower Upper
83 100
55 81.6 58.1 87.1
98 48.2 38.4 57.6

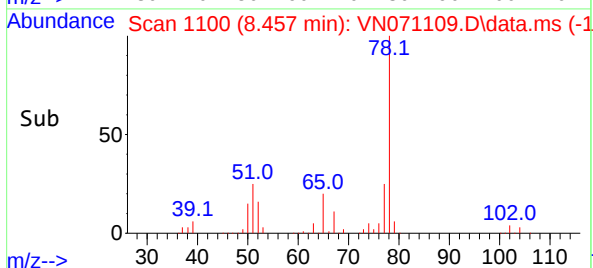
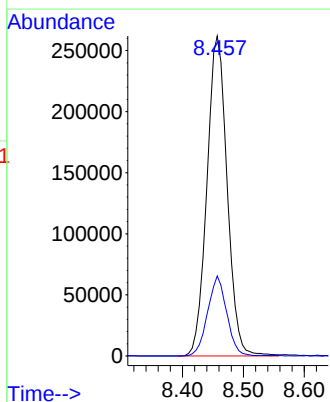
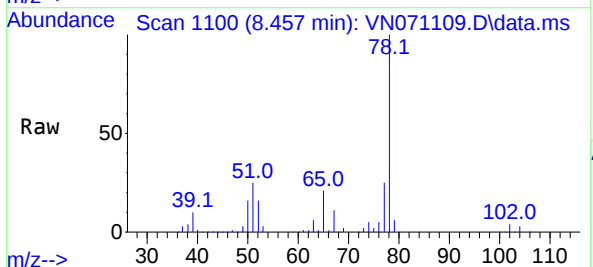
Manual Integrations
APPROVED

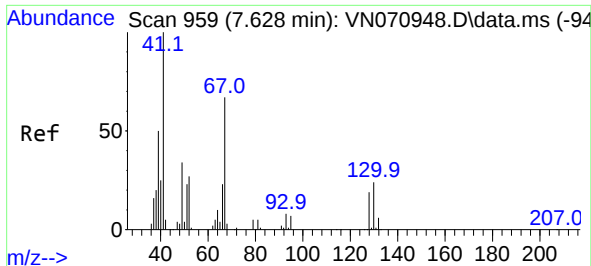
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#40
Benzene
Concen: 20.054 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

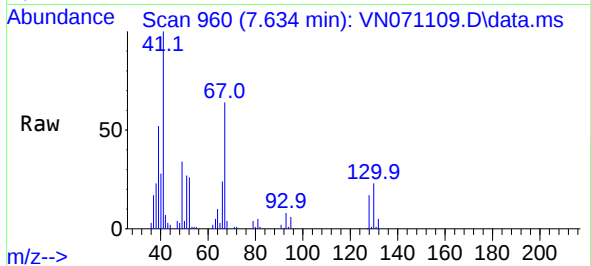
Tgt Ion: 78 Resp: 603625
Ion Ratio Lower Upper
78 100
77 25.0 18.6 27.8





#41
Methacrylonitrile
Concen: 24.551 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

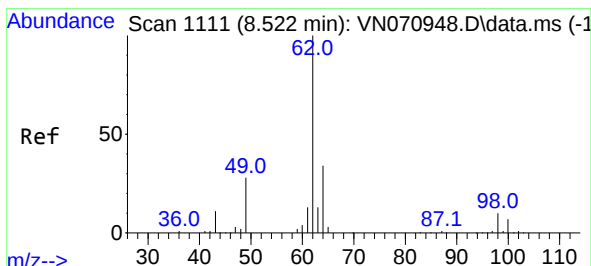
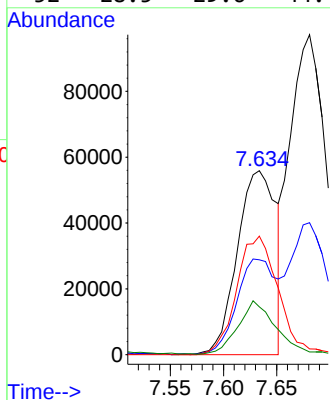
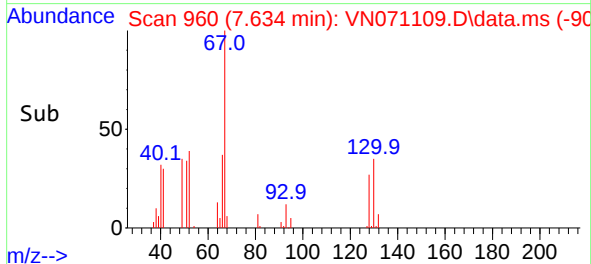
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



Tgt Ion: 41 Resp: 141108
Ion Ratio Lower Upper
41 100
39 52.4 48.1 72.1
67 70.7 68.3 102.5
52 28.5 29.6 44.4#

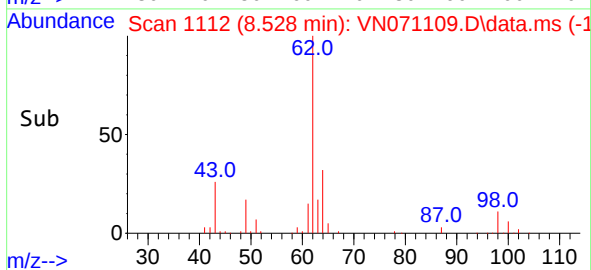
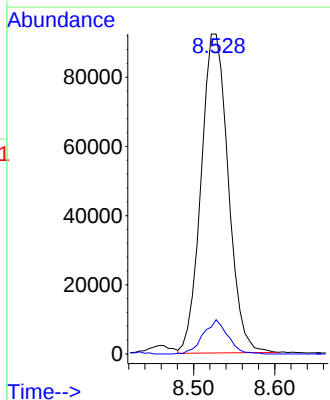
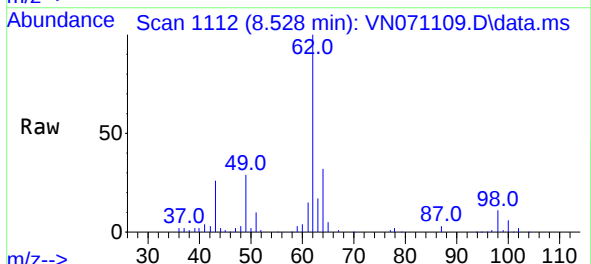
Manual Integrations
APPROVED

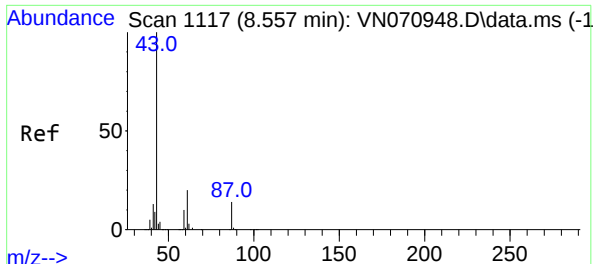
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#42
1,2-Dichloroethane
Concen: 20.921 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

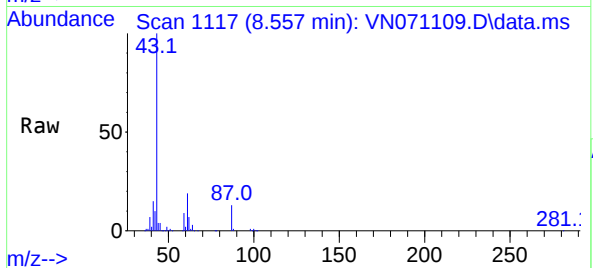
Tgt Ion: 62 Resp: 214469
Ion Ratio Lower Upper
62 100
98 9.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 24.158 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

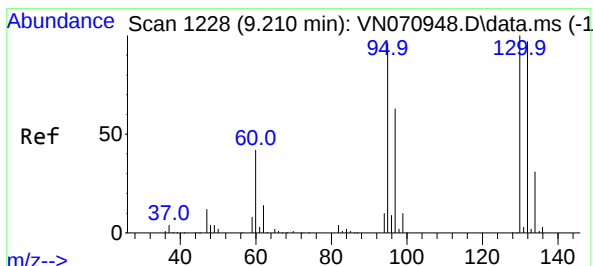
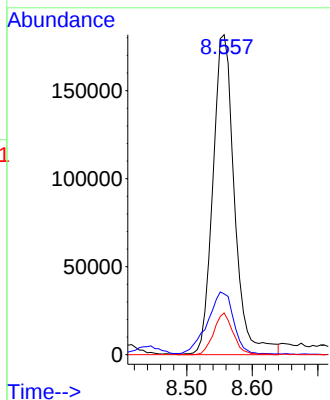
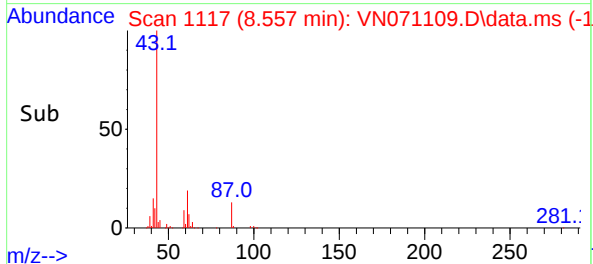
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



Tgt Ion: 43 Resp: 41554
Ion Ratio Lower Upper
43 100
61 23.7 20.4 30.6
87 11.7 11.2 16.8

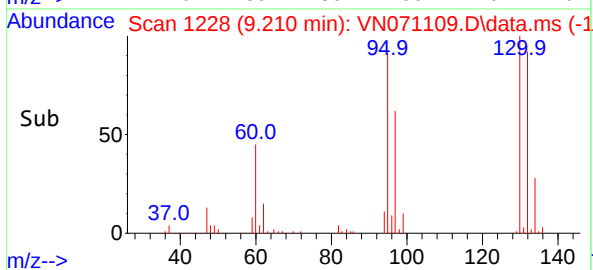
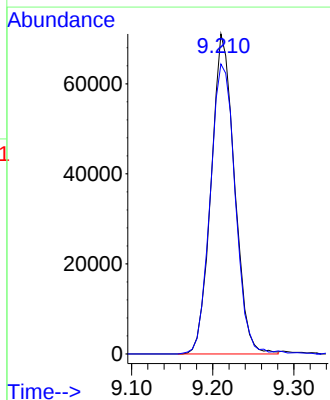
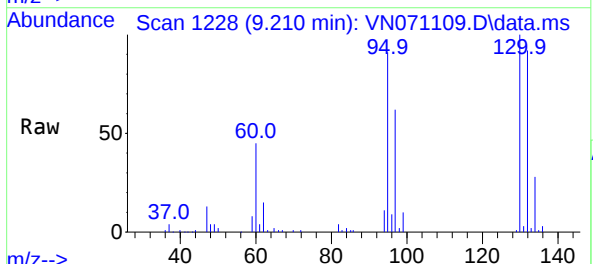
Manual Integrations
APPROVED

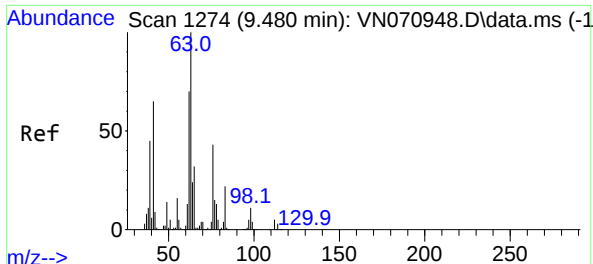
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#44
Trichloroethene
Concen: 17.917 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

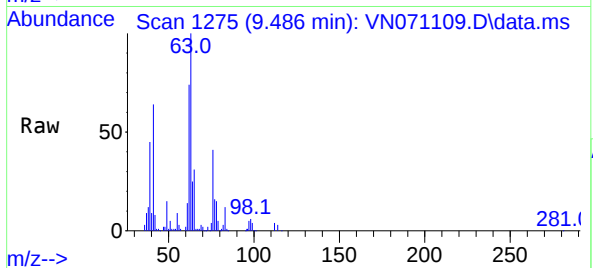
Tgt Ion:130 Resp: 142009
Ion Ratio Lower Upper
130 100
95 90.6 0.0 191.2





#45
1,2-Dichloropropane
Concen: 20.926 ug/l
RT: 9.486 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

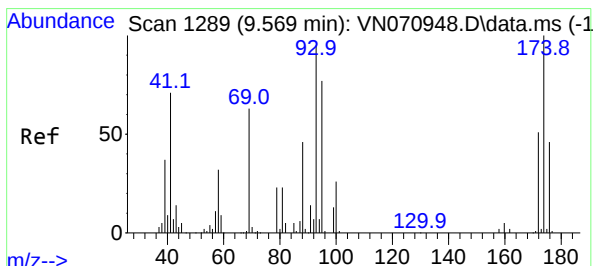
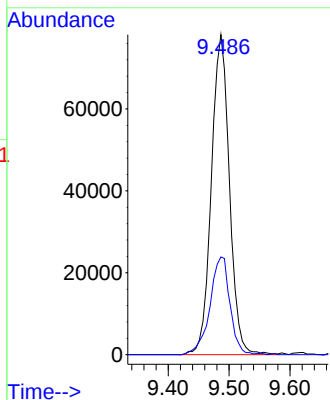
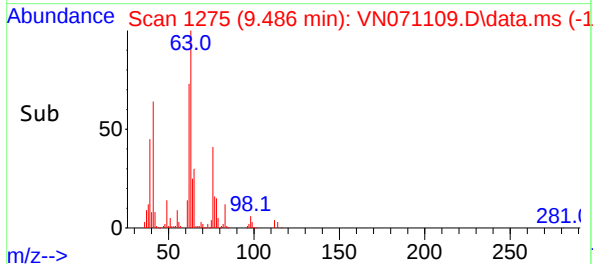
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



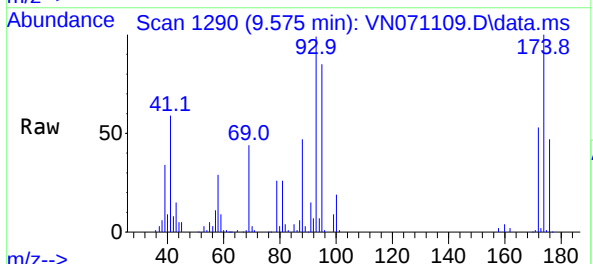
Tgt Ion: 63 Resp: 161338
Ion Ratio Lower Upper
63 100
65 30.6 24.7 37.1

Manual Integrations
APPROVED

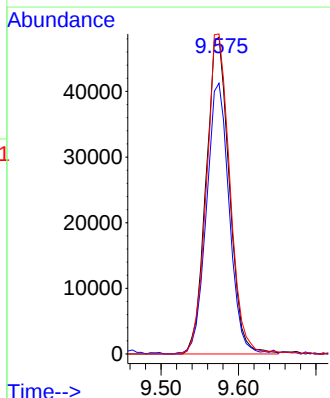
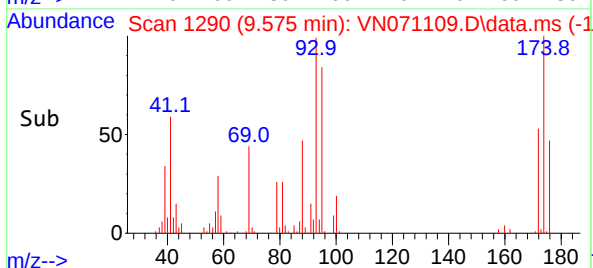
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

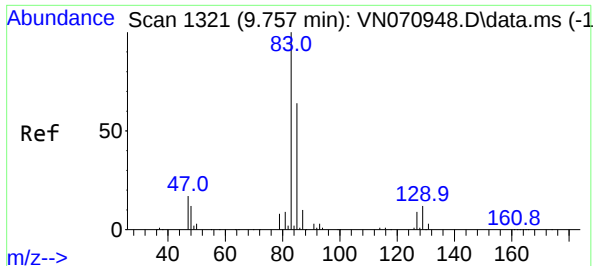


#46
Dibromomethane
Concen: 19.805 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



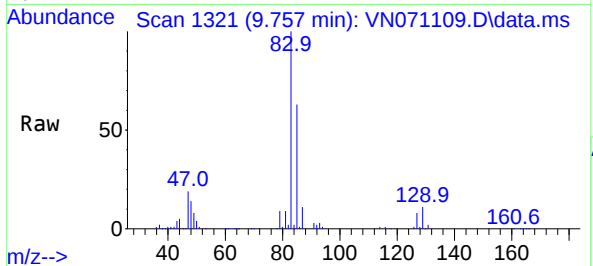
Tgt Ion: 93 Resp: 100490
Ion Ratio Lower Upper
93 100
95 83.8 65.9 98.9
174 102.0 84.6 127.0





#47
Bromodichloromethane
Concen: 19.831 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

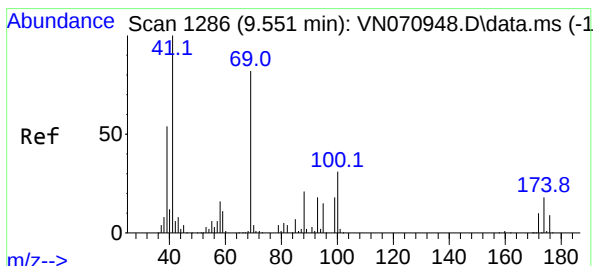
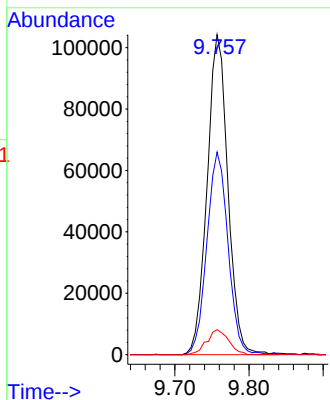
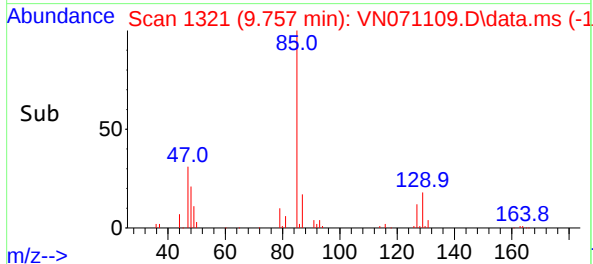
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



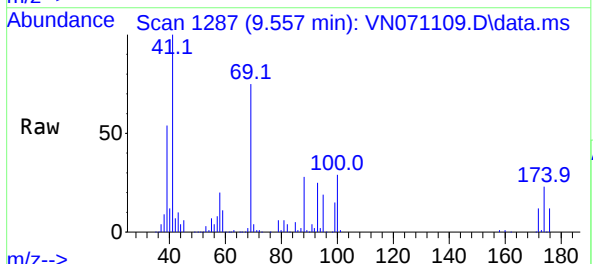
Tgt Ion: 83 Resp: 203362
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3
127 7.8 7.1 10.7

Manual Integrations
APPROVED

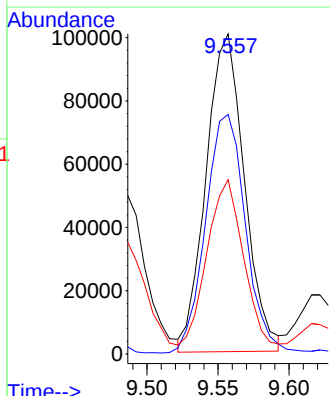
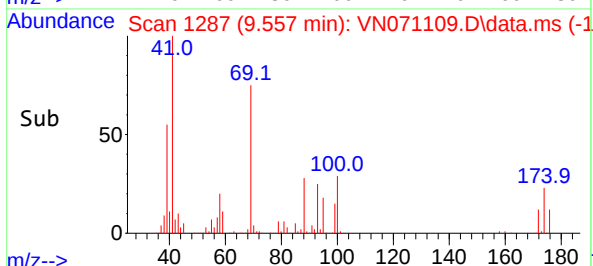
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

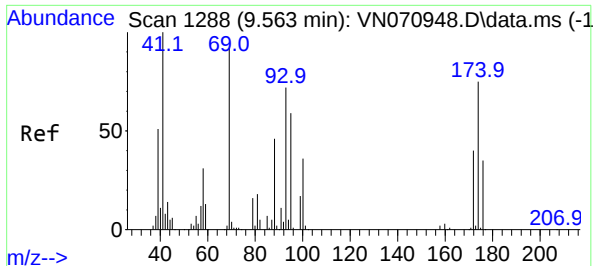


#48
Methyl methacrylate
Concen: 23.199 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



Tgt Ion: 41 Resp: 188881
Ion Ratio Lower Upper
41 100
69 78.3 72.4 108.6
39 53.9 58.4 87.6#





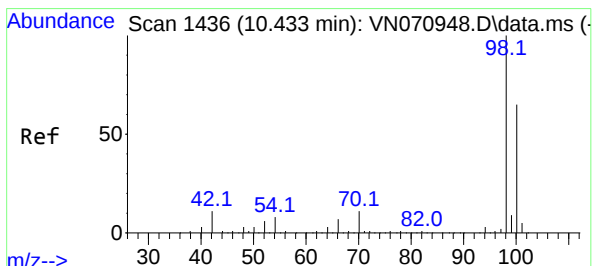
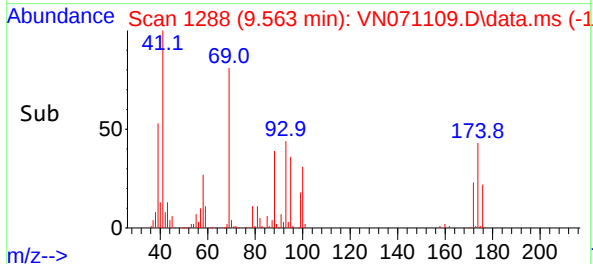
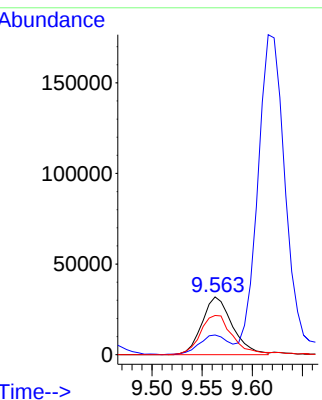
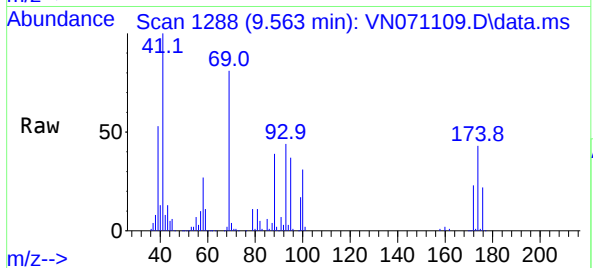
#49
1,4-Dioxane
Concen: 462.568 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02

Tgt Ion: 88 Resp: 66892
Ion Ratio Lower Upper
88 100
43 33.0 23.4 35.2
58 74.3 50.6 75.8

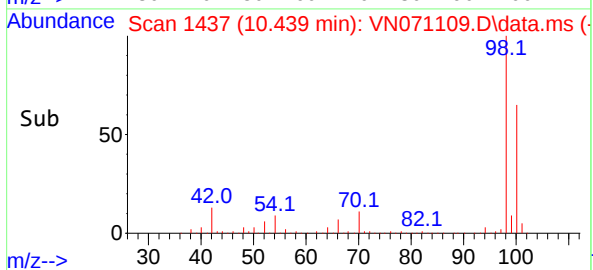
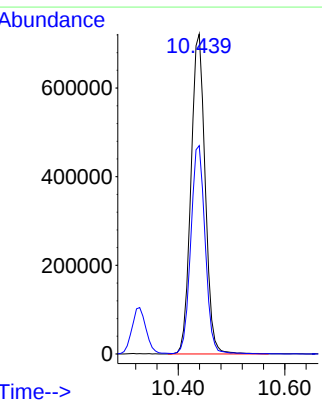
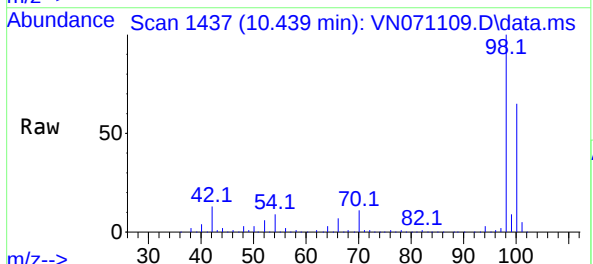
Manual Integrations
APPROVED

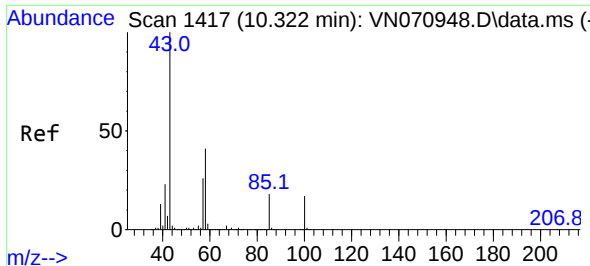
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#50
Toluene-d8
Concen: 53.560 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

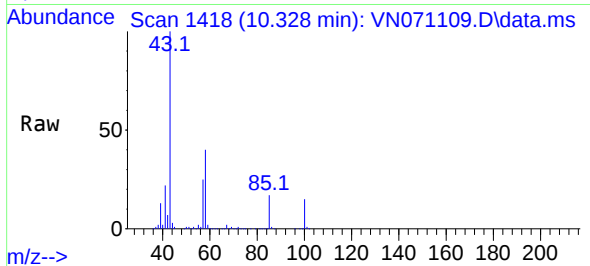
Tgt Ion: 98 Resp: 1335908
Ion Ratio Lower Upper
98 100
100 65.8 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 123.816 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

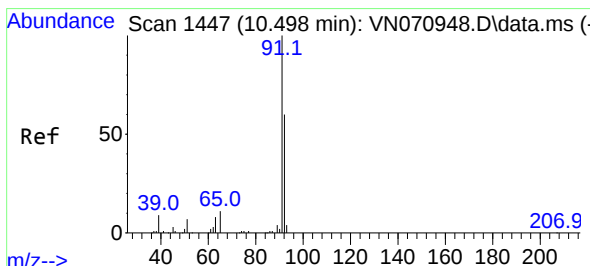
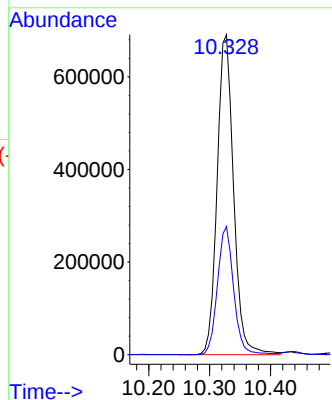
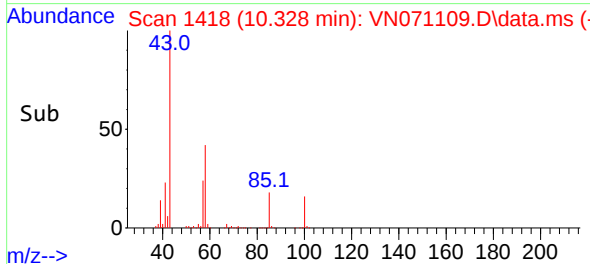
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



Tgt Ion: 43 Resp: 1295810
Ion Ratio Lower Upper
43 100
58 39.3 30.4 45.6

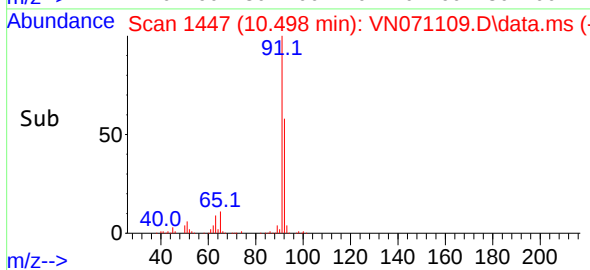
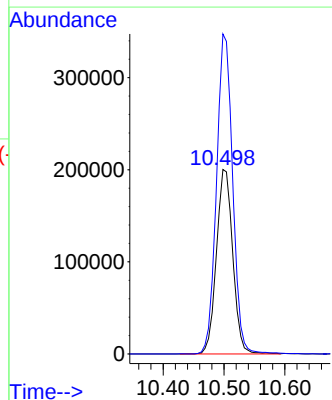
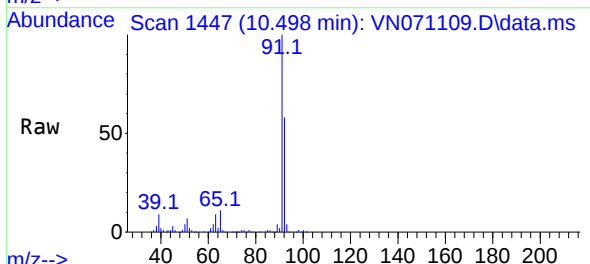
Manual Integrations
APPROVED

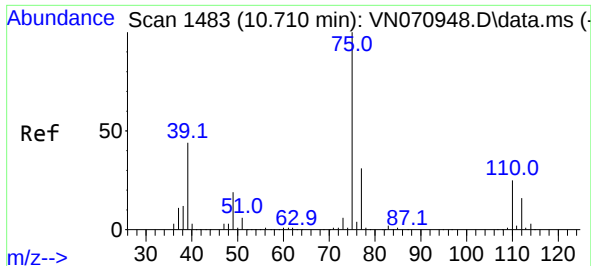
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#52
Toluene
Concen: 19.703 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

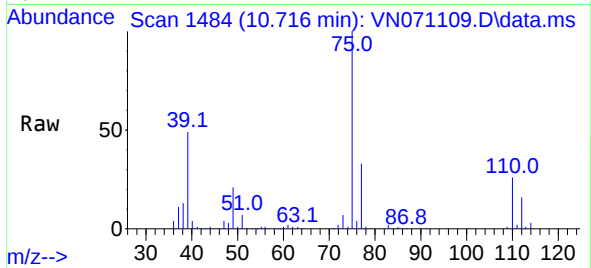
Tgt Ion: 92 Resp: 372644
Ion Ratio Lower Upper
92 100
91 171.8 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 19.152 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

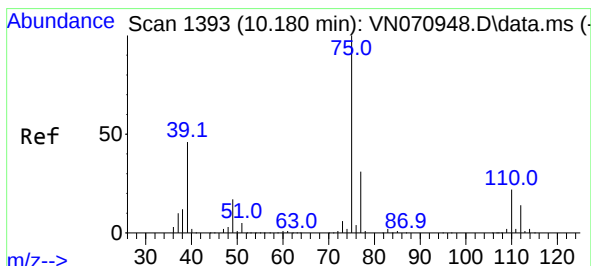
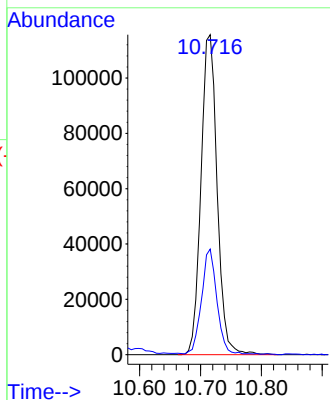
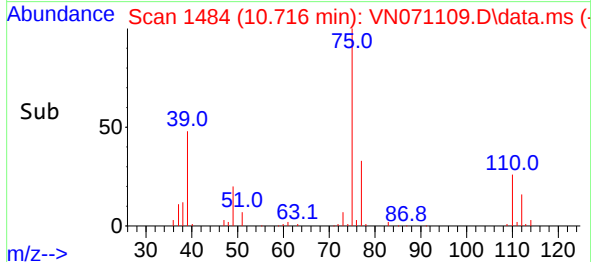
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



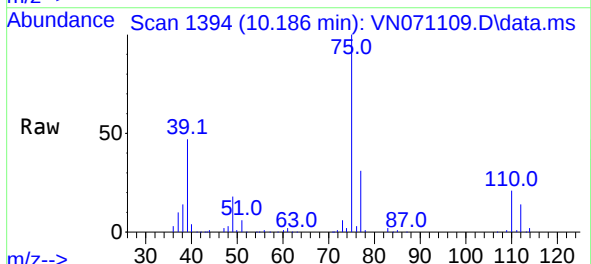
Tgt Ion: 75 Resp: 213550
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4

Manual Integrations
APPROVED

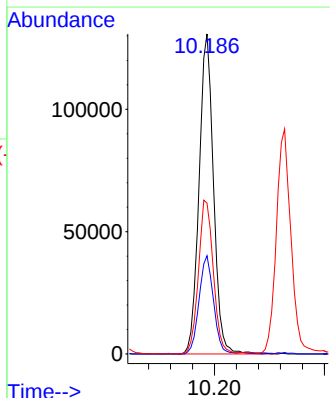
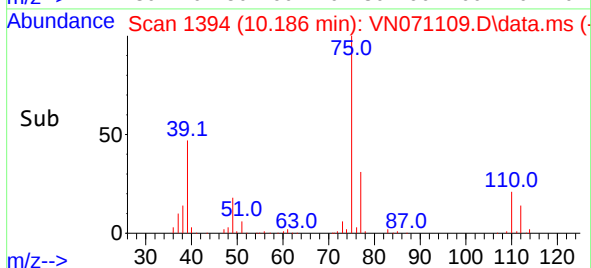
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

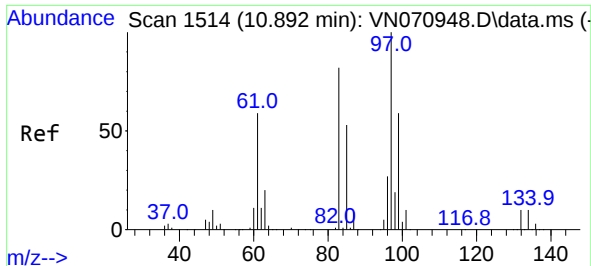


#54
cis-1,3-Dichloropropene
Concen: 19.513 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



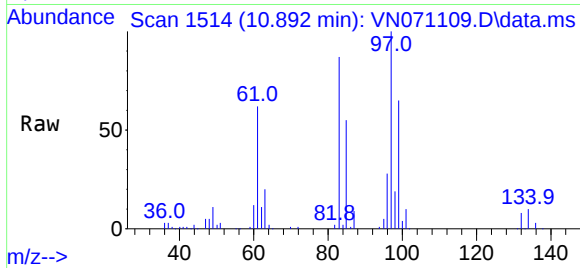
Tgt Ion: 75 Resp: 238944
Ion Ratio Lower Upper
75 100
77 30.7 26.4 39.6
39 47.0 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 20.353 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

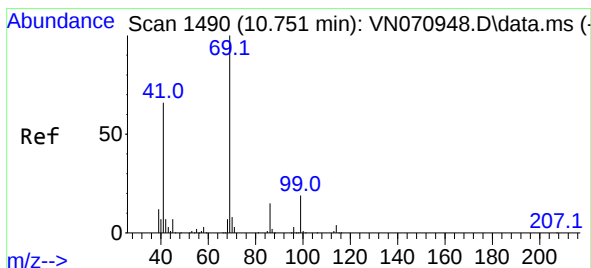
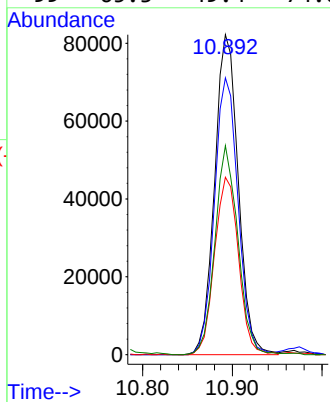
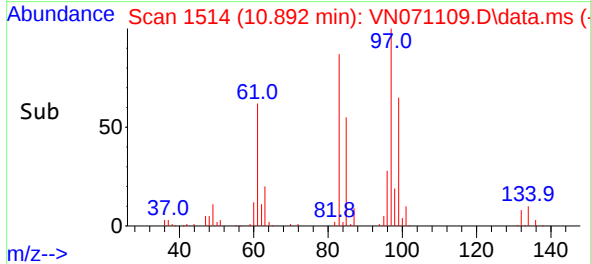
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



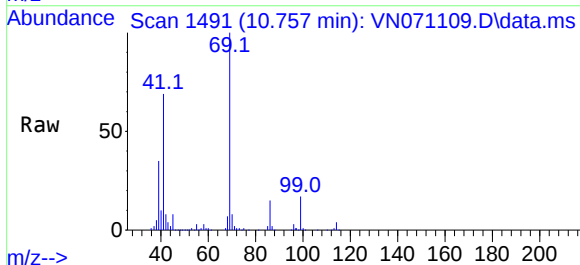
Tgt Ion: 97 Resp: 15068
Ion Ratio Lower Upper
97 100
83 86.5 67.8 101.6
85 55.5 45.4 68.2
99 65.3 49.4 74.0

Manual Integrations
APPROVED

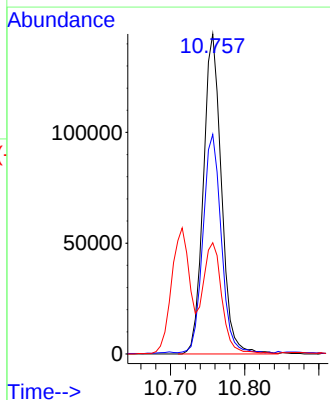
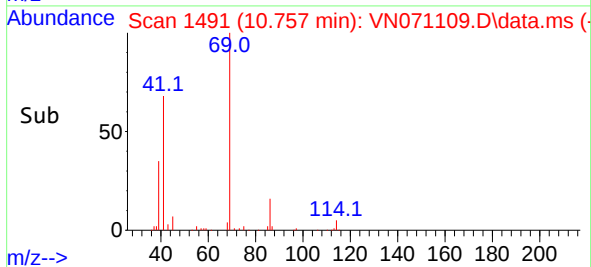
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

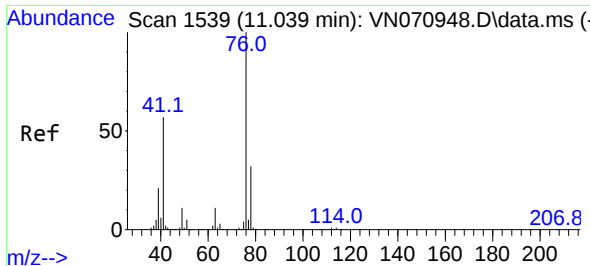


#56
Ethyl methacrylate
Concen: 21.938 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



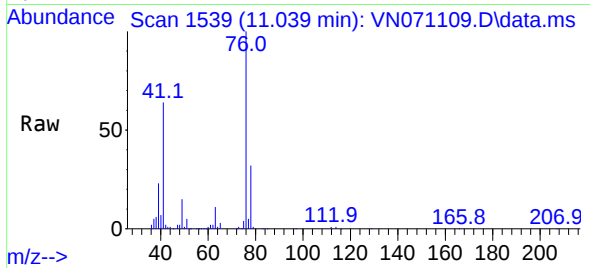
Tgt Ion: 69 Resp: 244703
Ion Ratio Lower Upper
69 100
41 68.8 51.4 77.0
39 36.2 34.6 52.0





#57
1,3-Dichloropropane
Concen: 20.849 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

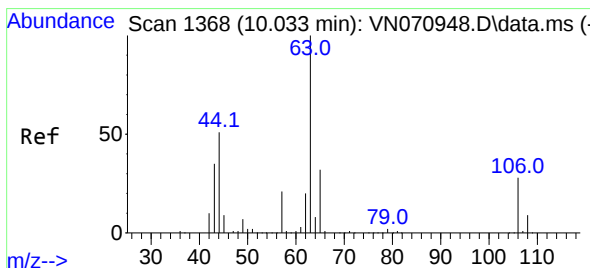
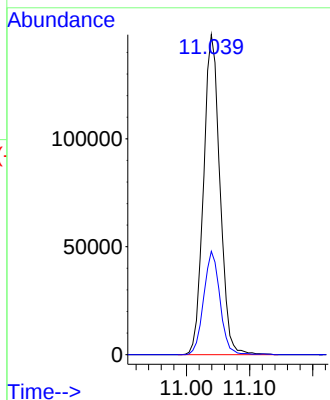
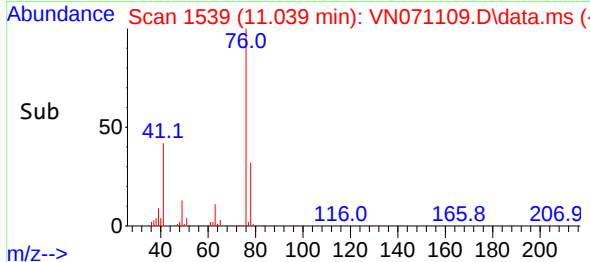
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



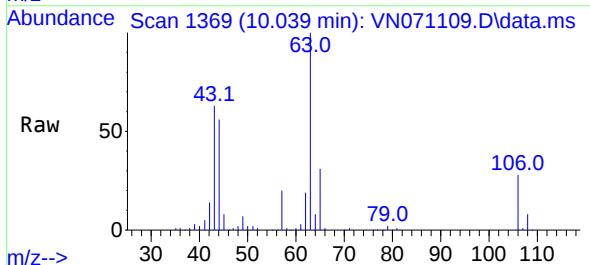
Tgt Ion: 76 Resp: 26698
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

Manual Integrations
APPROVED

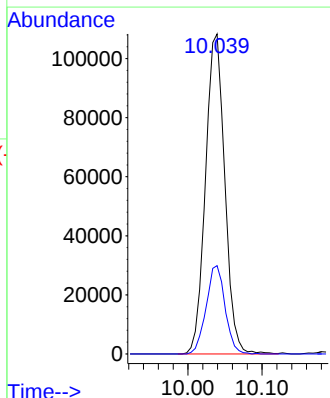
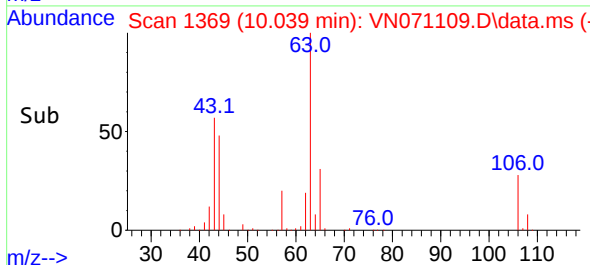
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

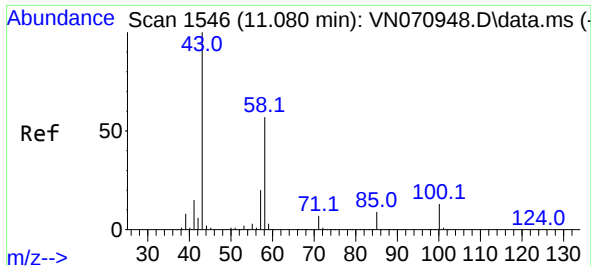


#58
2-Chloroethyl Vinyl ether
Concen: 100.720 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



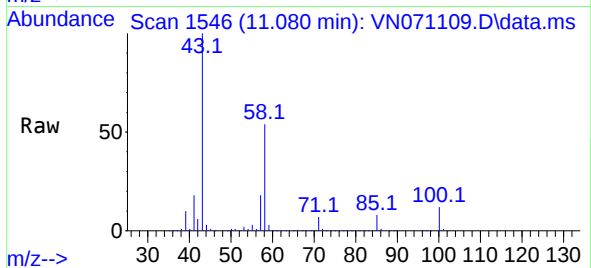
Tgt Ion: 63 Resp: 195924
Ion Ratio Lower Upper
63 100
106 27.0 23.9 35.9





#59
2-Hexanone
Concen: 124.894 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

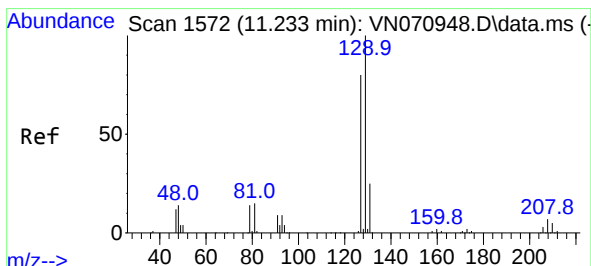
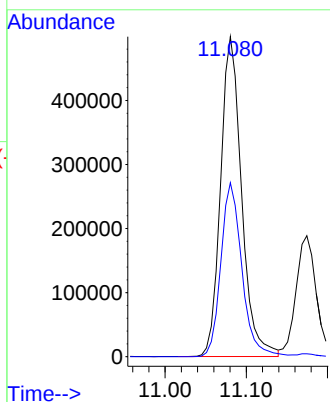
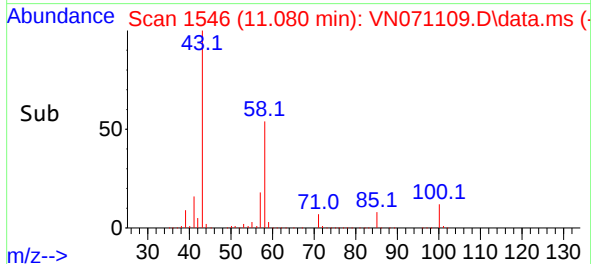
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



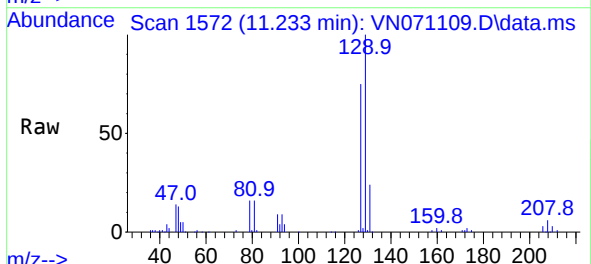
Tgt Ion: 43 Resp: 89895
Ion Ratio Lower Upper
43 100
58 54.3 26.9 80.7

Manual Integrations
APPROVED

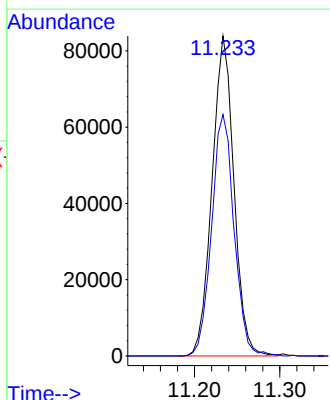
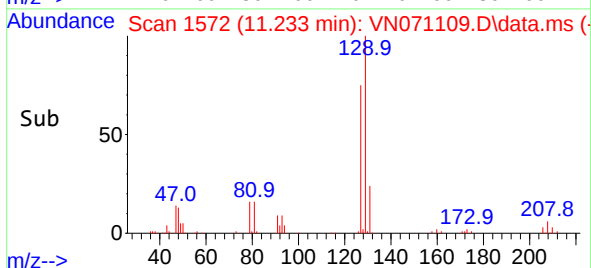
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

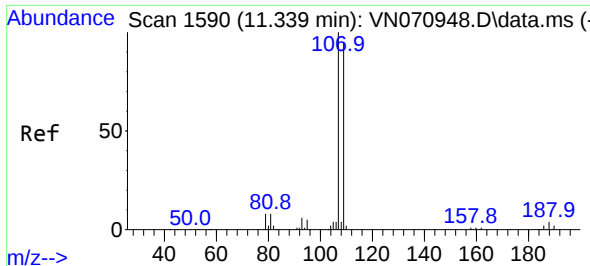


#60
Dibromochloromethane
Concen: 19.109 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



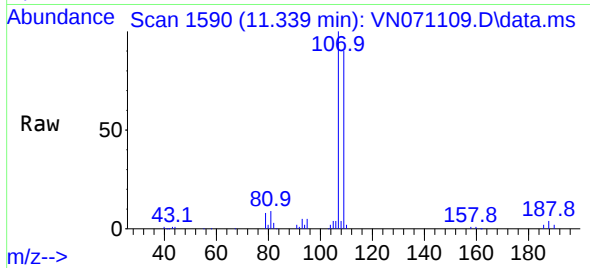
Tgt Ion:129 Resp: 149511
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.824 ug/l
RT: 11.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

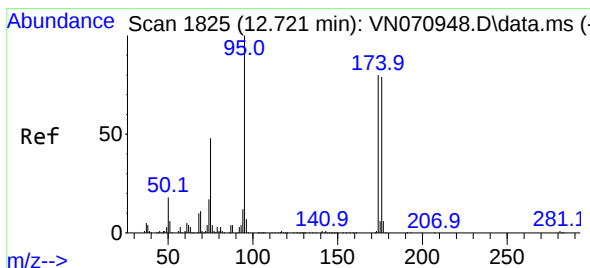
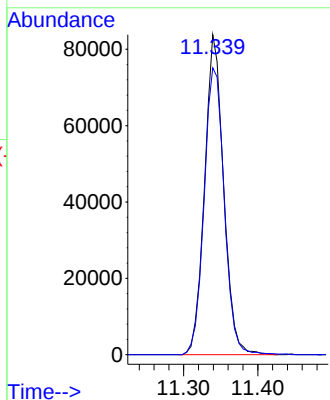
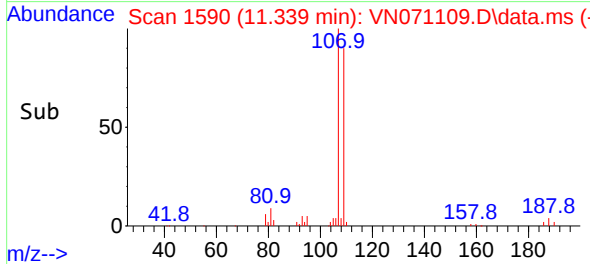
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



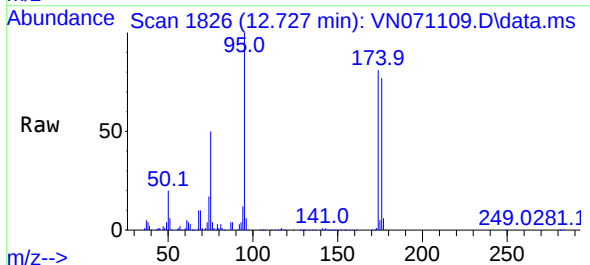
Tgt Ion:107 Resp: 149280
Ion Ratio Lower Upper
107 100
109 95.0 75.7 113.5

Manual Integrations
APPROVED

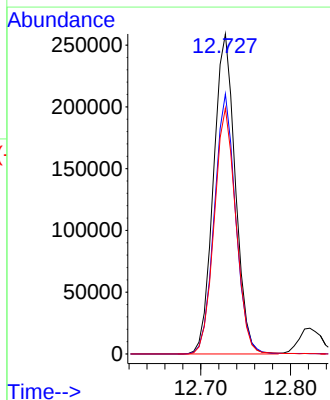
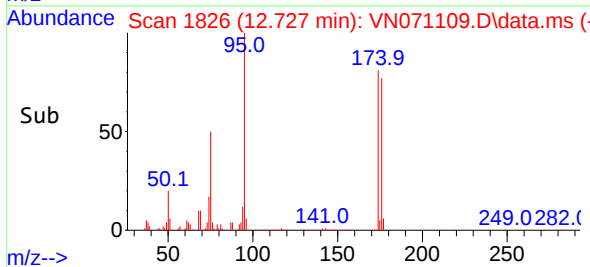
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

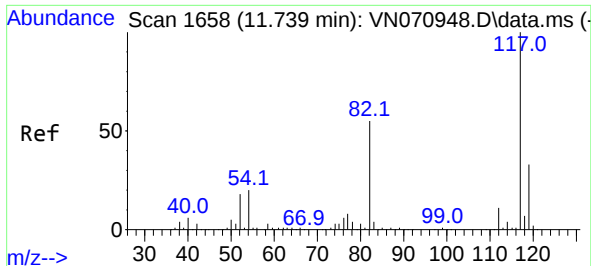


#62
4-Bromofluorobenzene
Concen: 49.017 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



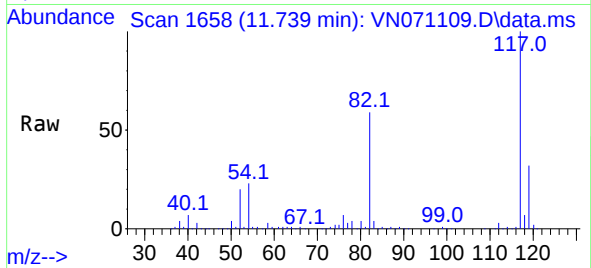
Tgt Ion: 95 Resp: 437012
Ion Ratio Lower Upper
95 100
174 79.2 0.0 187.2
176 76.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

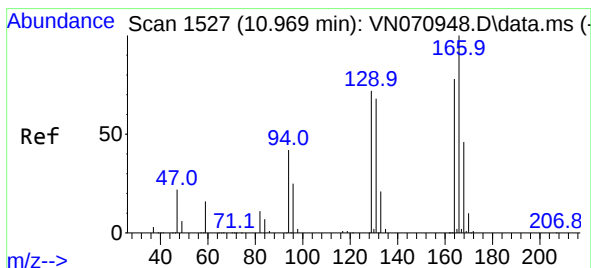
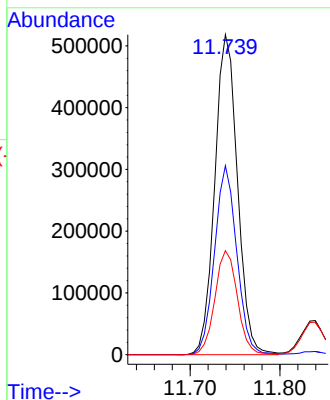
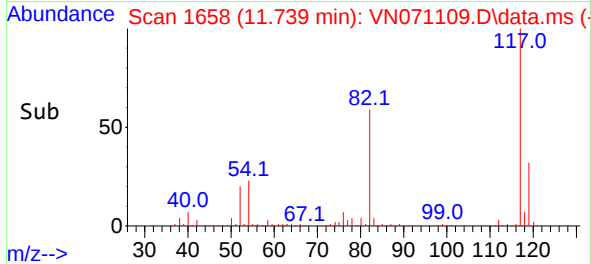
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



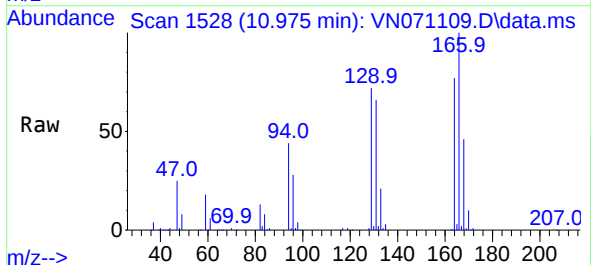
Tgt Ion:117 Resp: 91088
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 32.5 25.4 38.2

Manual Integrations
APPROVED

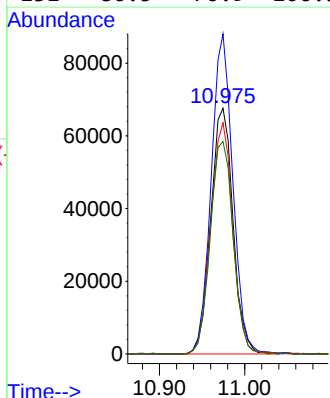
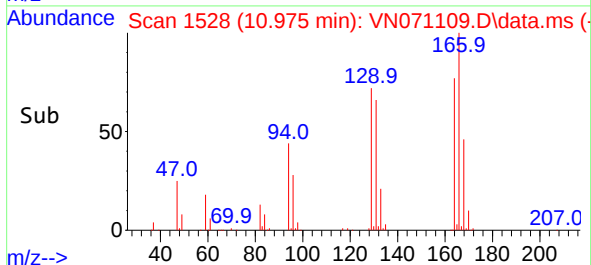
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

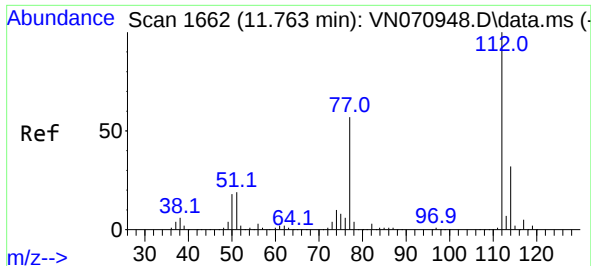


#64
Tetrachloroethene
Concen: 17.389 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



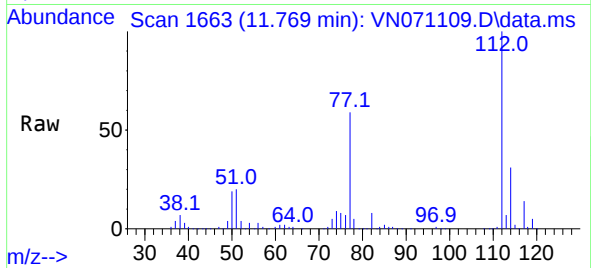
Tgt Ion:164 Resp: 123357
Ion Ratio Lower Upper
164 100
166 130.3 101.9 152.9
129 94.1 72.0 108.0
131 86.5 70.9 106.3





#65
Chlorobenzene
Concen: 19.557 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

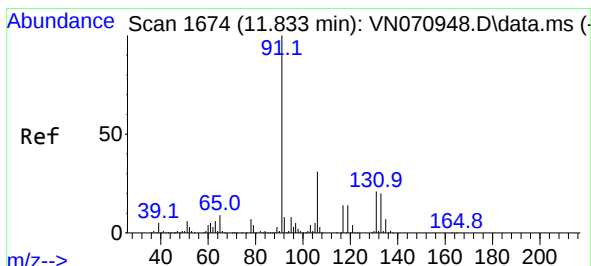
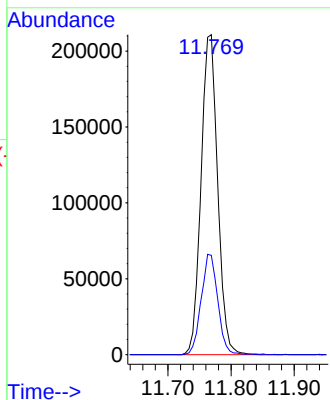
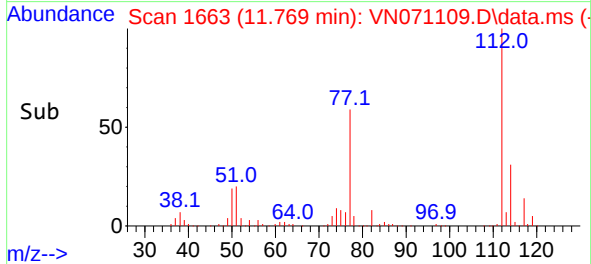
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



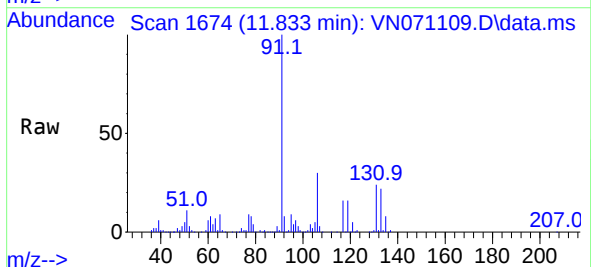
Tgt Ion:112 Resp: 383864
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.0

Manual Integrations
APPROVED

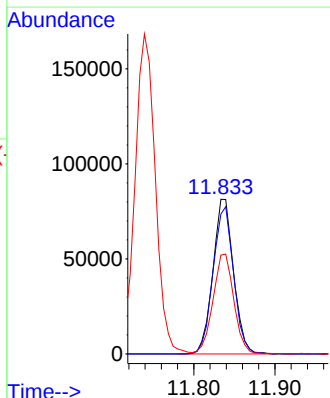
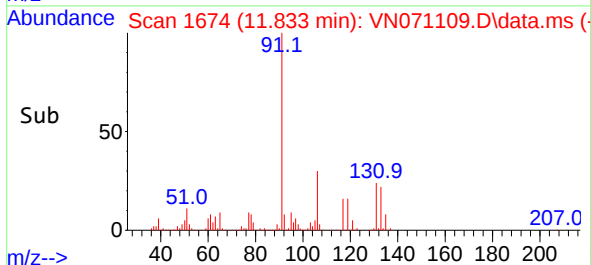
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

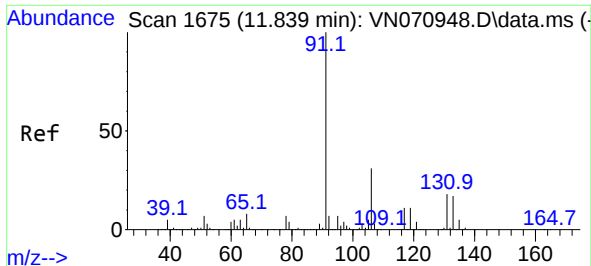


#66
1,1,1,2-Tetrachloroethane
Concen: 20.114 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



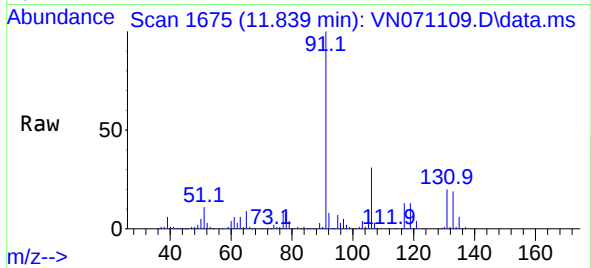
Tgt Ion:131 Resp: 143911
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.7
119 65.4 32.1 96.5





#67
Ethyl Benzene
Concen: 20.024 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

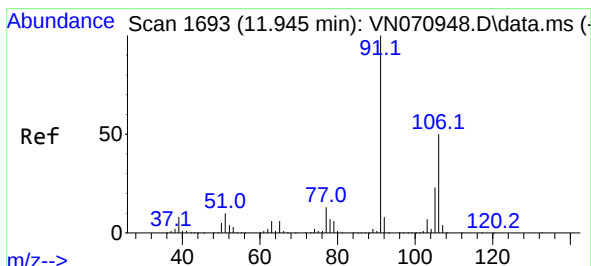
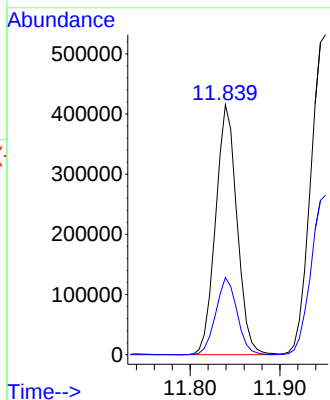
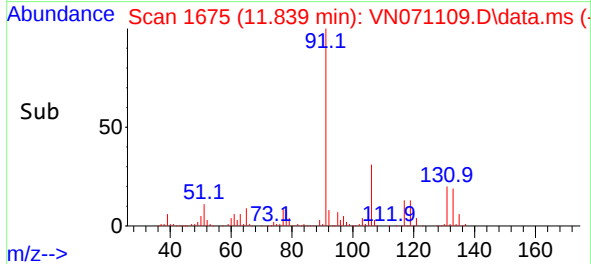
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



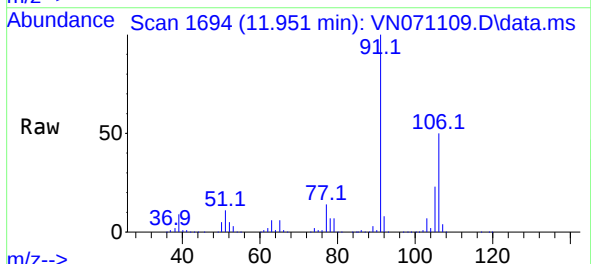
Tgt Ion: 91 Resp: 687910
Ion Ratio Lower Upper
91 100
106 30.8 25.7 38.5

Manual Integrations
APPROVED

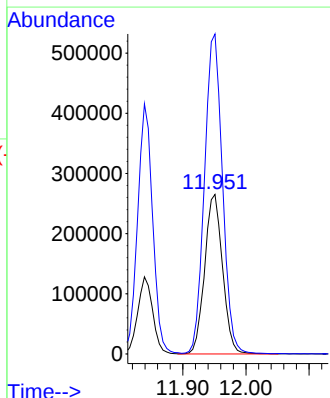
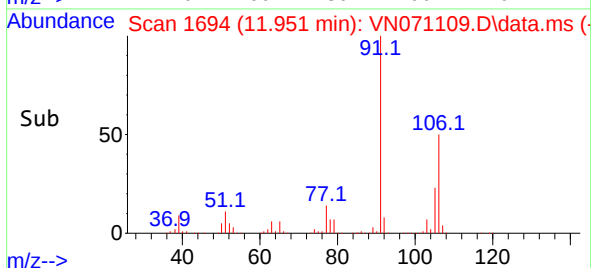
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

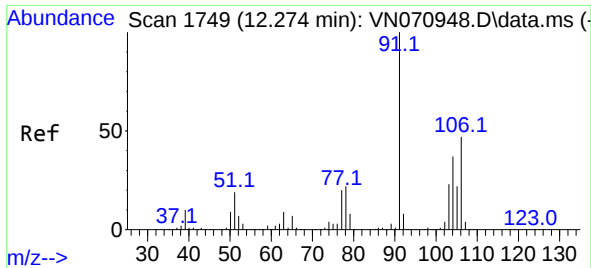


#68
m/p-Xylenes
Concen: 39.299 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



Tgt Ion:106 Resp: 521496
Ion Ratio Lower Upper
106 100
91 201.2 160.6 240.8





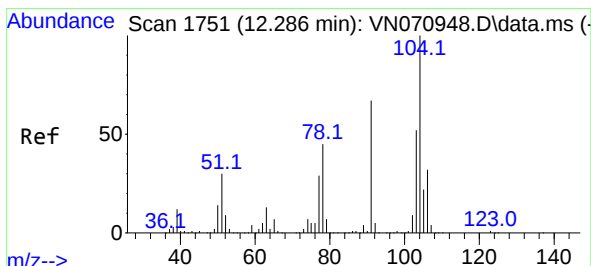
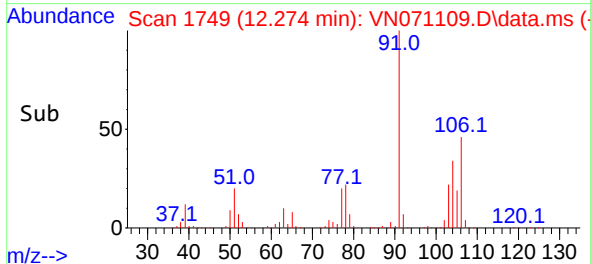
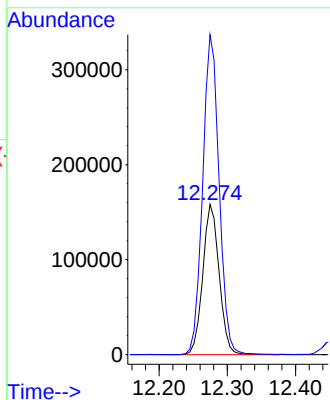
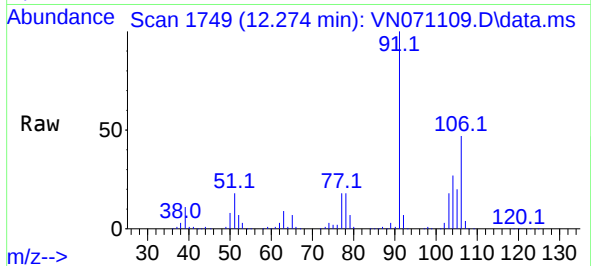
#69
o-Xylene
Concen: 20.367 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02

Tgt Ion:106 Resp: 264012
Ion Ratio Lower Upper
106 100
91 214.2 105.8 317.3

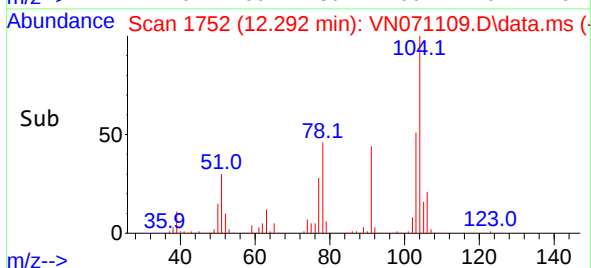
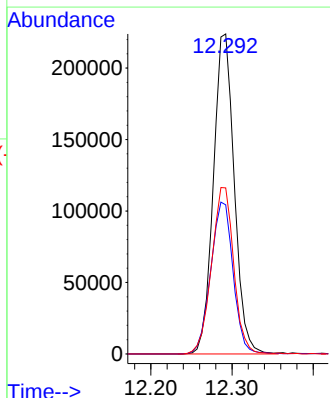
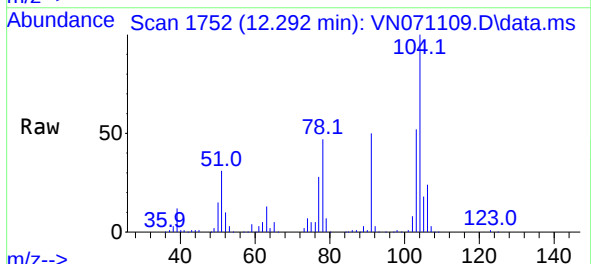
Manual Integrations
APPROVED

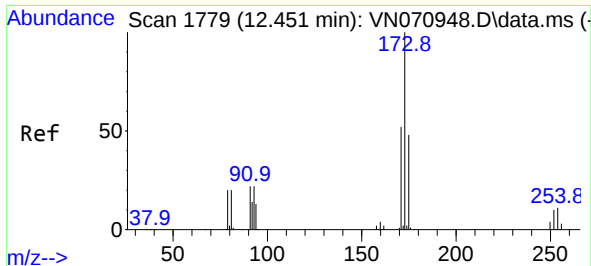
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#70
Styrene
Concen: 19.460 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

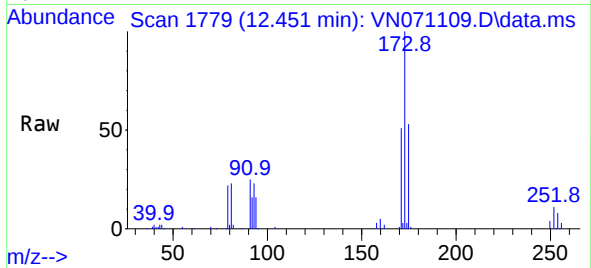
Tgt Ion:104 Resp: 401095
Ion Ratio Lower Upper
104 100
78 50.8 38.7 58.1
103 55.2 45.0 67.6





#71
Bromoform
Concen: 18.874 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

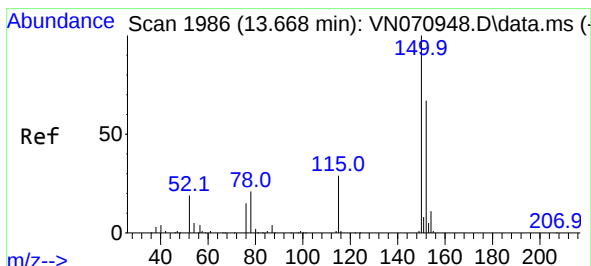
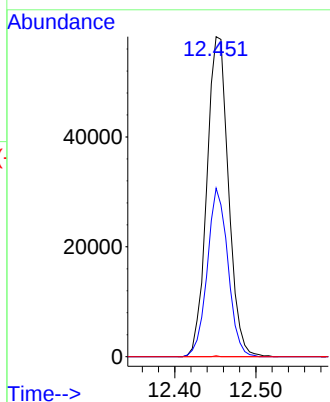
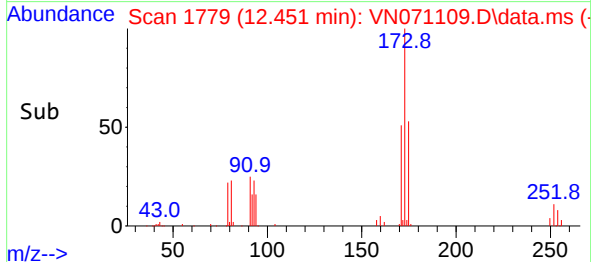
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



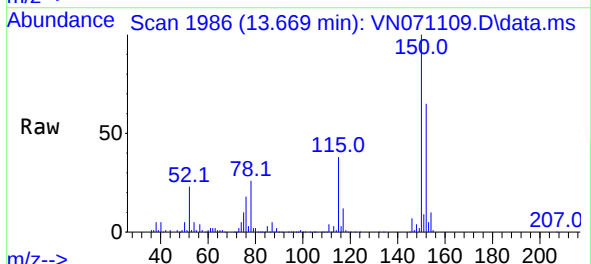
Tgt Ion:173 Resp: 107549
Ion Ratio Lower Upper
173 100
175 50.3 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

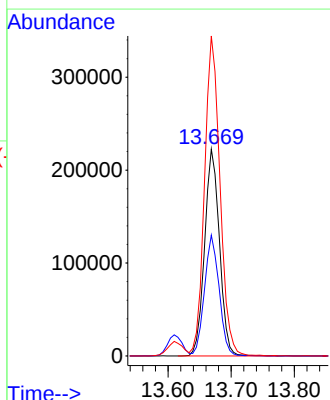
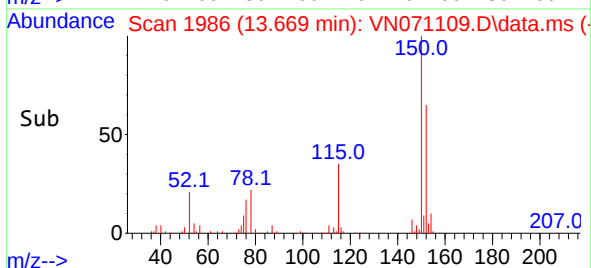
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

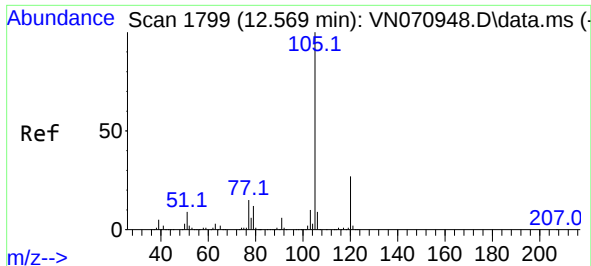


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



Tgt Ion:152 Resp: 363874
Ion Ratio Lower Upper
152 100
115 57.8 27.5 82.5
150 160.7 0.0 344.4





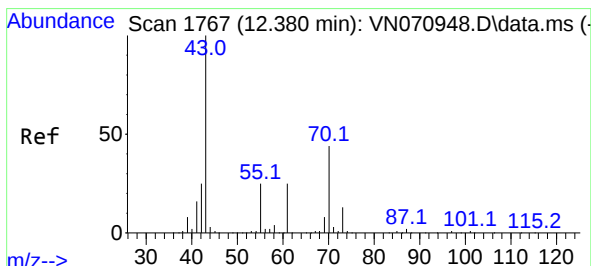
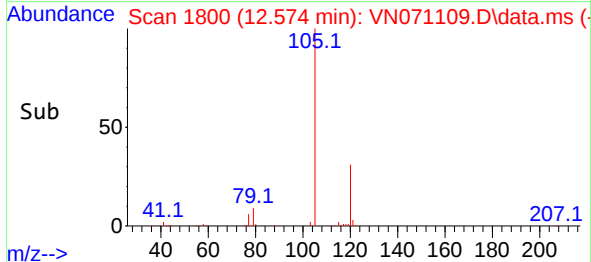
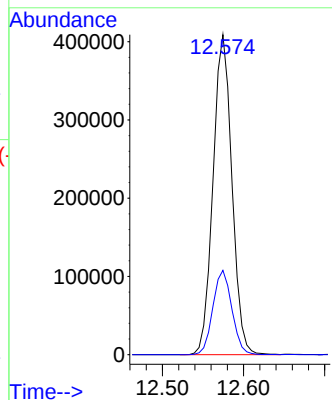
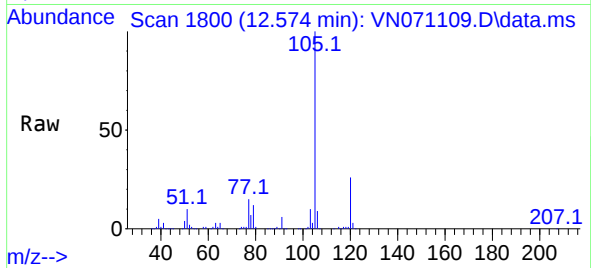
#73
Isopropylbenzene
Concen: 22.573 ug/l
RT: 12.574 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02

Tgt Ion:105 Resp: 66113
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1

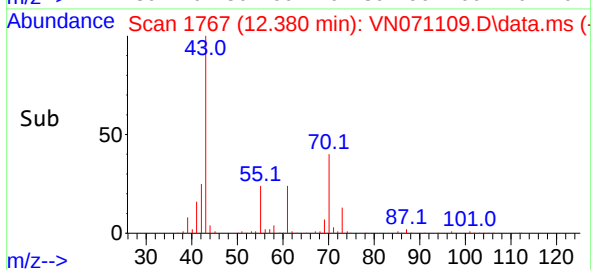
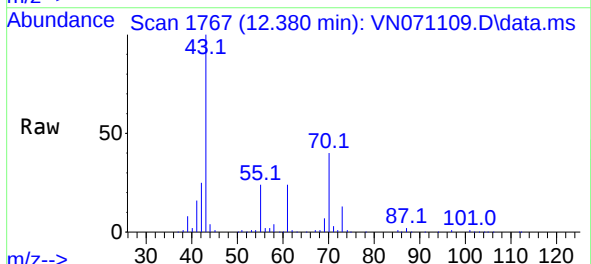
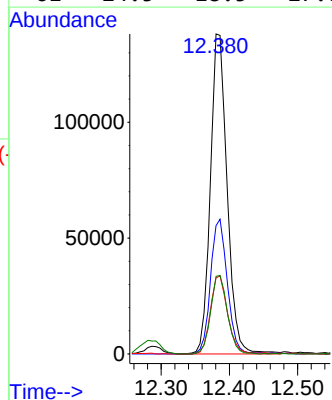
Manual Integrations
APPROVED

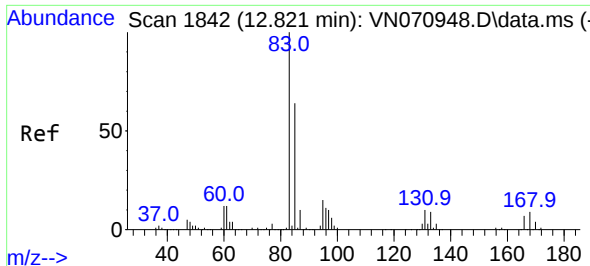
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#74
N-ethyl acetate
Concen: 25.303 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

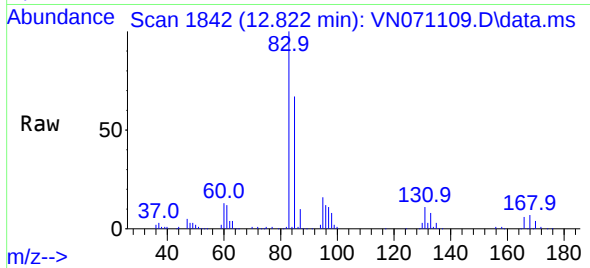
Tgt Ion: 43 Resp: 236890
Ion Ratio Lower Upper
43 100
70 42.1 33.4 50.0
55 25.0 19.3 28.9
61 24.5 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 25.201 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

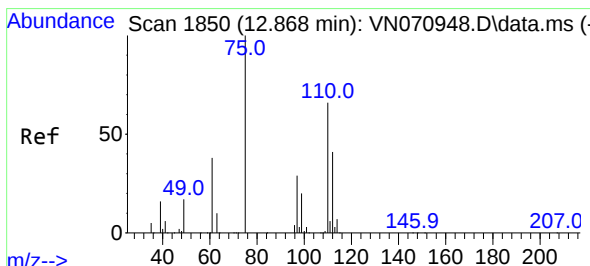
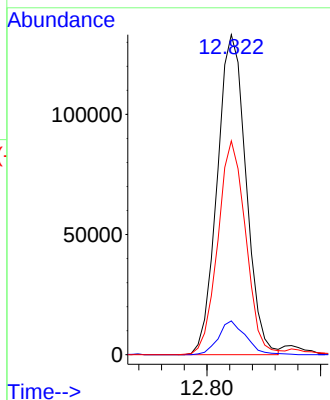
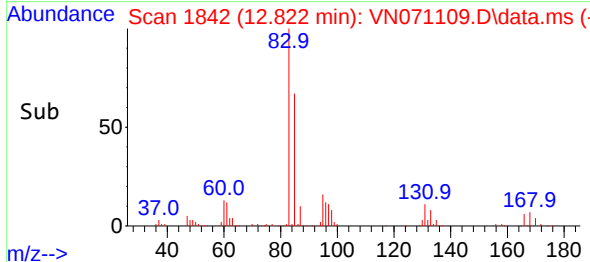
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



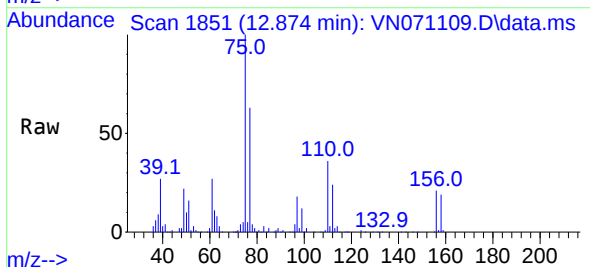
Tgt Ion: 83 Resp: 23454
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.9 32.4 97.2

Manual Integrations
APPROVED

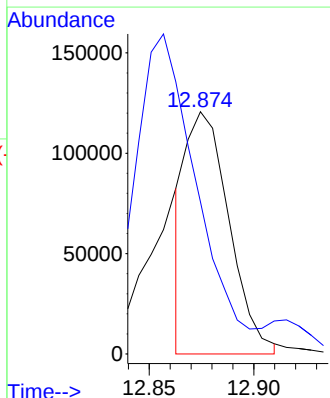
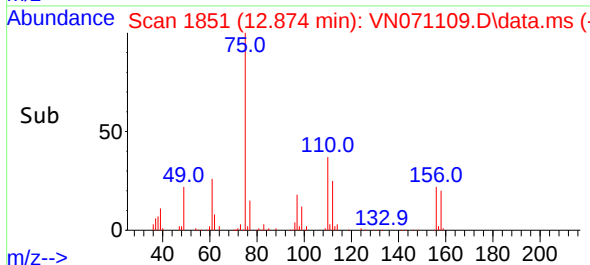
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

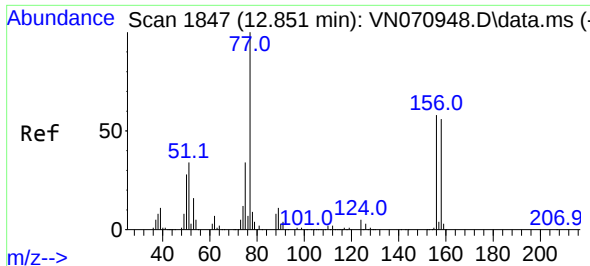


#76
1,2,3-Trichloropropane
Concen: 20.392 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



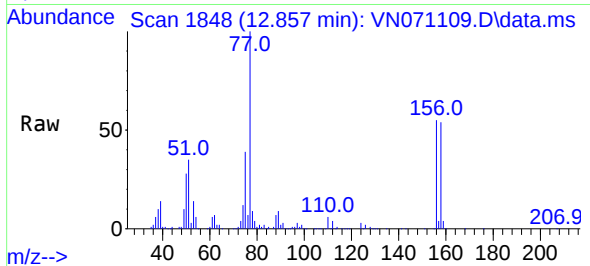
Tgt Ion: 75 Resp: 174709
Ion Ratio Lower Upper
75 100
77 188.6 82.6 247.8





#77
Bromobenzene
Concen: 21.332 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

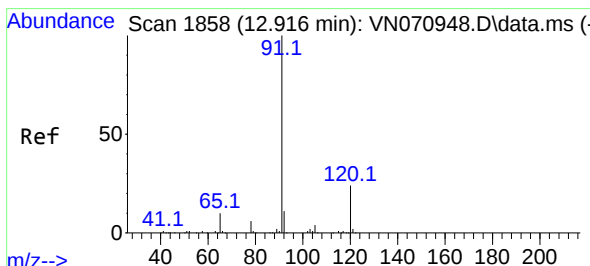
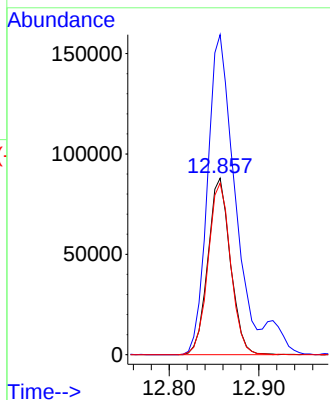
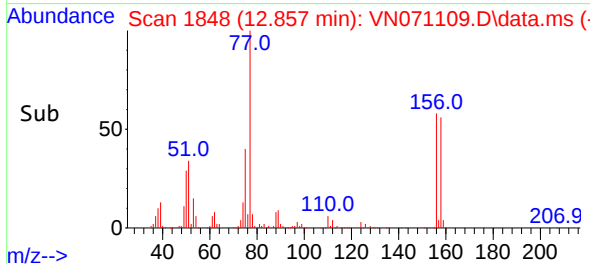
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



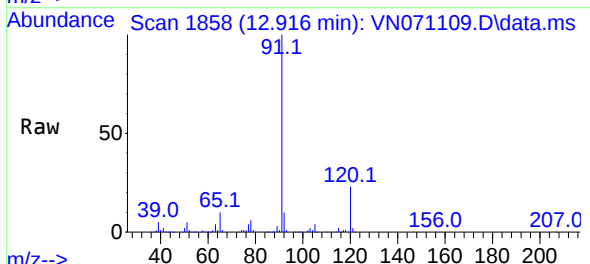
Tgt Ion:156 Resp: 152948
Ion Ratio Lower Upper
156 100
77 215.4 90.6 271.8
158 97.3 48.9 146.7

Manual Integrations
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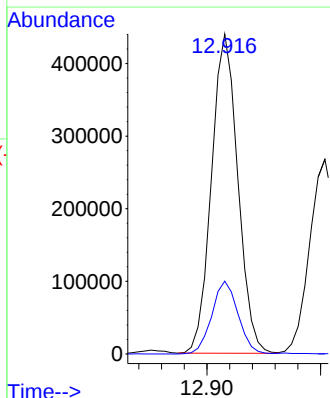
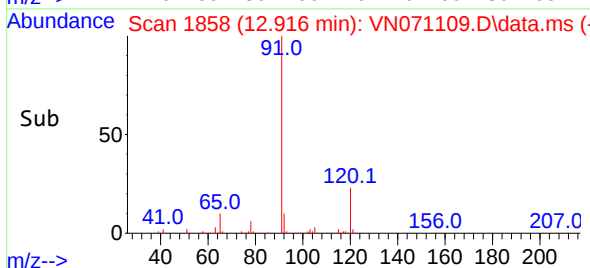
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

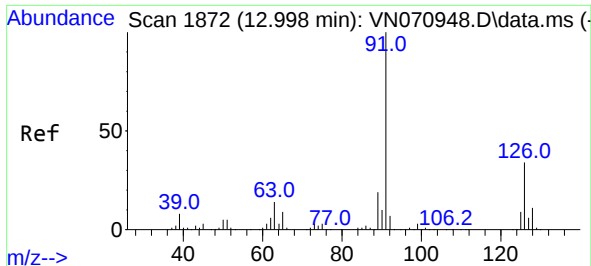


#78
n-propylbenzene
Concen: 21.535 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



Tgt Ion: 91 Resp: 708676
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.9





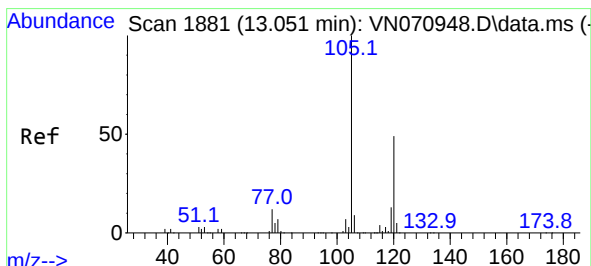
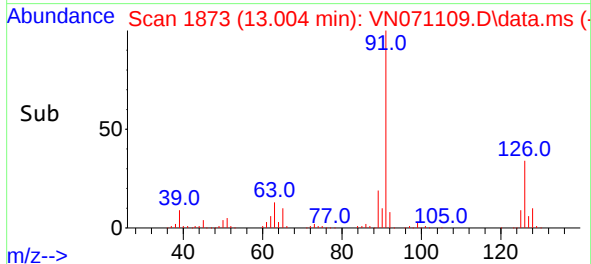
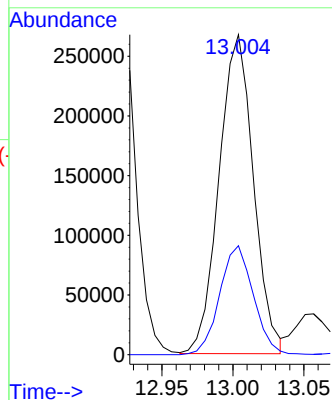
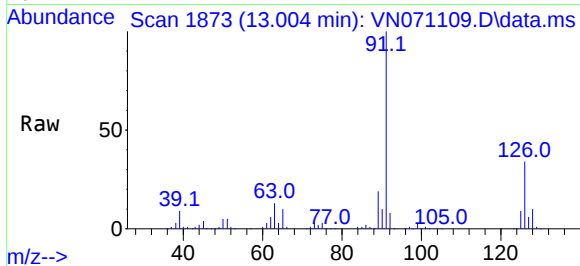
#79
2-Chlorotoluene
Concen: 22.538 ug/l
RT: 13.004 min Scan# 1872
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02

Tgt Ion: 91 Resp: 450399
Ion Ratio Lower Upper
91 100
126 33.5 18.3 54.8

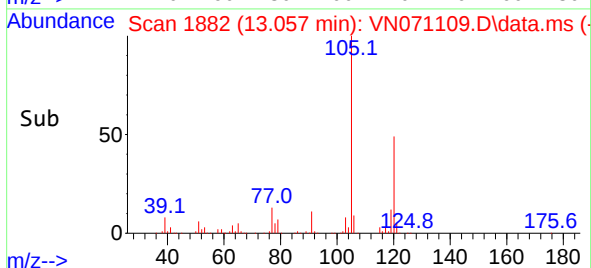
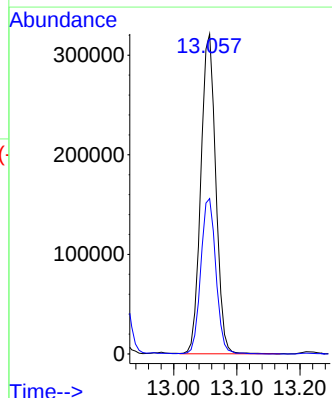
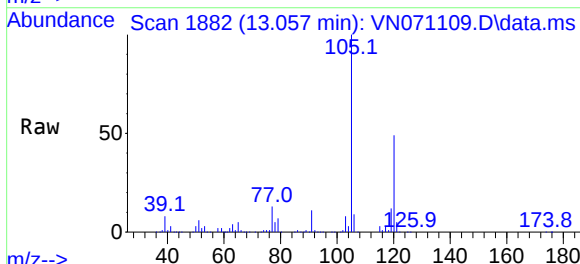
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 22.158 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

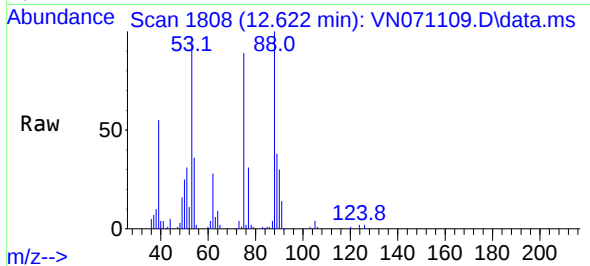
Tgt Ion:105 Resp: 525770
Ion Ratio Lower Upper
105 100
120 49.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 22.514 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

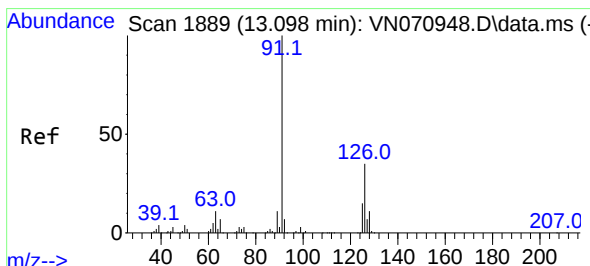
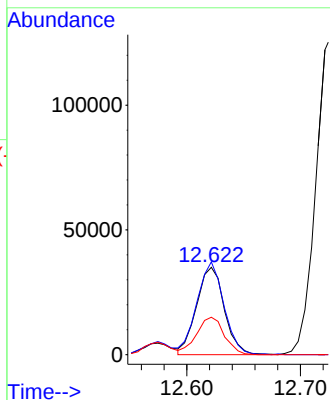
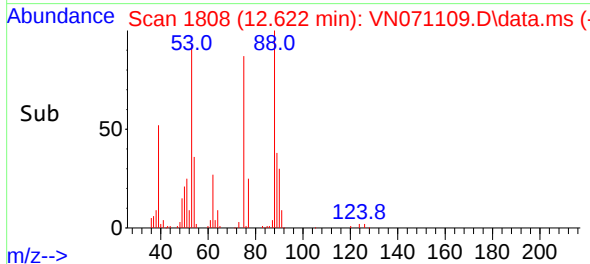
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



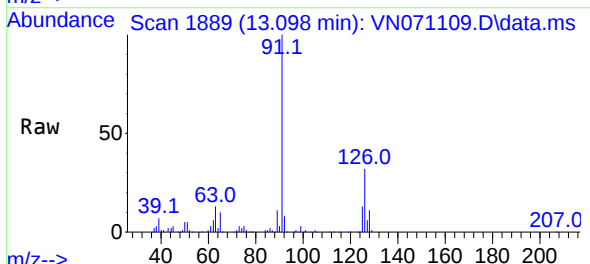
Tgt Ion: 75 Resp: 59520
Ion Ratio Lower Upper
75 100
53 105.0 90.5 135.7
89 42.9 38.2 57.4

Manual Integrations
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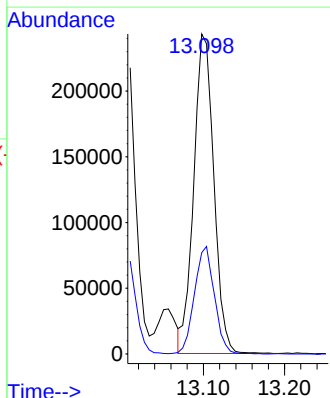
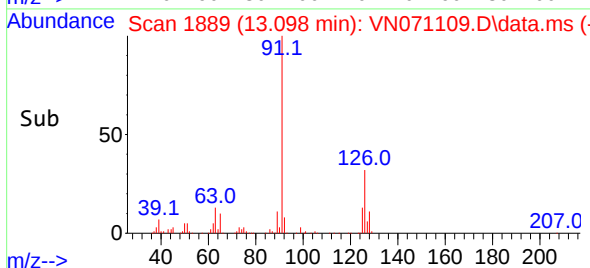
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

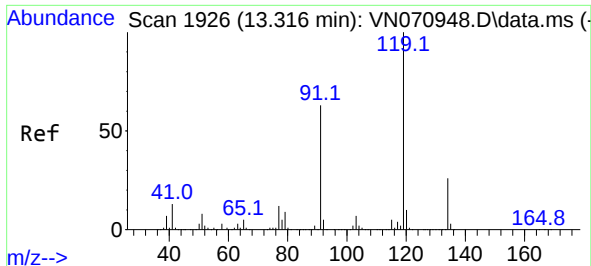


#82
4-Chlorotoluene
Concen: 21.508 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08



Tgt Ion: 91 Resp: 417237
Ion Ratio Lower Upper
91 100
126 33.5 18.2 54.6





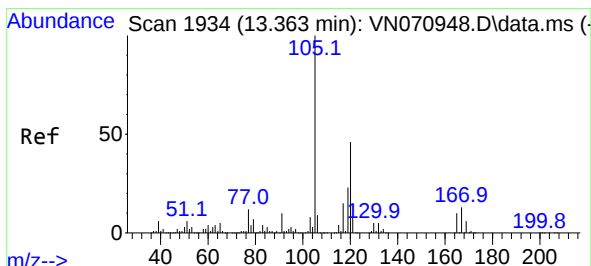
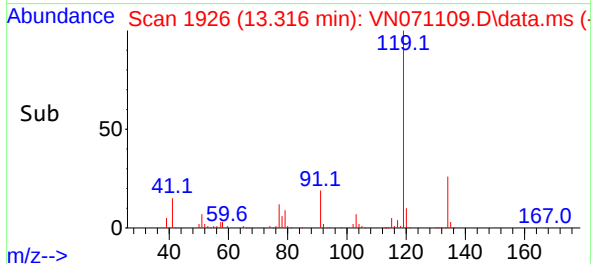
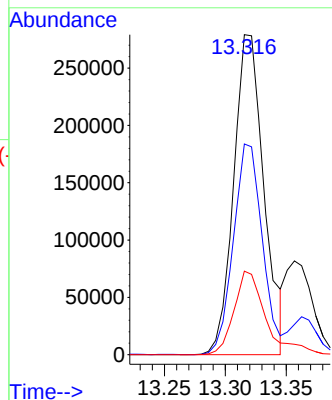
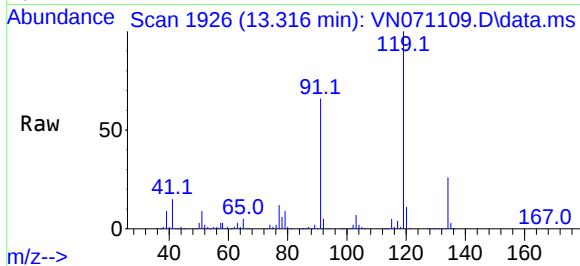
#83
tert-Butylbenzene
Concen: 21.448 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02

Tgt Ion:119 Resp: 48264
Ion Ratio Lower Upper
119 100
91 63.0 31.5 94.5
134 27.6 12.4 37.4

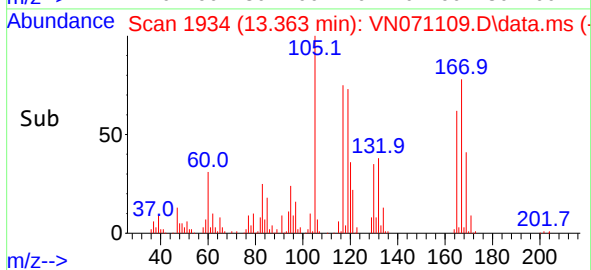
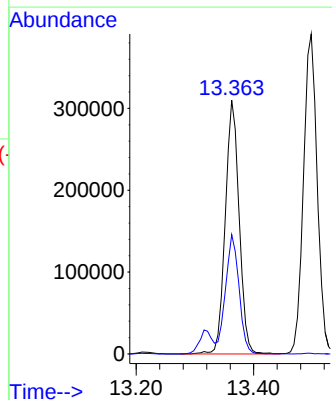
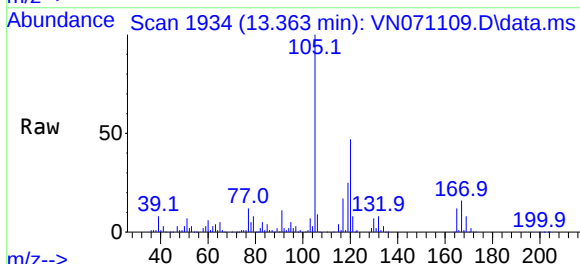
Manual Integrations
APPROVED

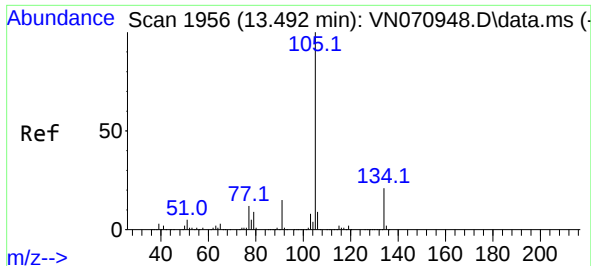
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#84
1,2,4-Trimethylbenzene
Concen: 21.753 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

Tgt Ion:105 Resp: 508102
Ion Ratio Lower Upper
105 100
120 46.1 22.8 68.4





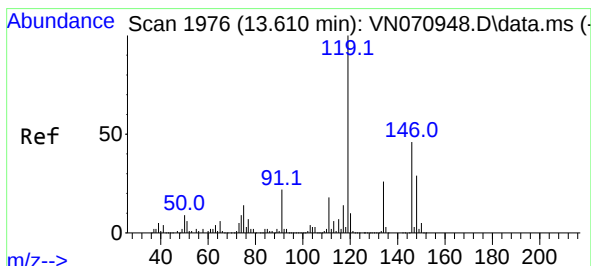
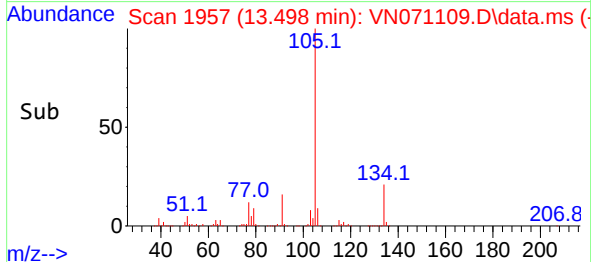
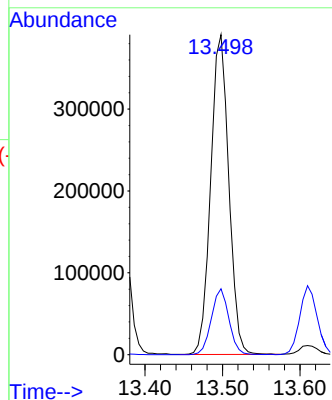
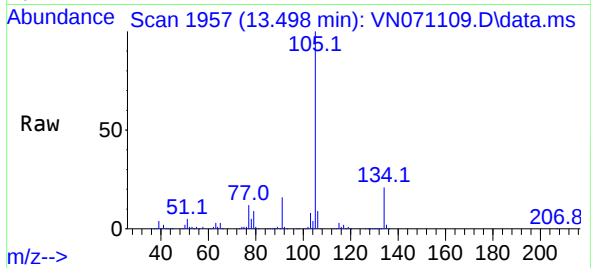
#85
 sec-Butylbenzene
 Concen: 21.343 ug/l
 RT: 13.498 min Scan# 1956
 Delta R.T. 0.006 min
 Lab File: VN071109.D
 Acq: 28 Feb 2022 21:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBSD02

Tgt Ion:105 Resp: 632869
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.1

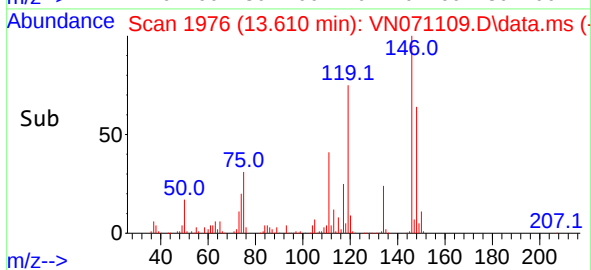
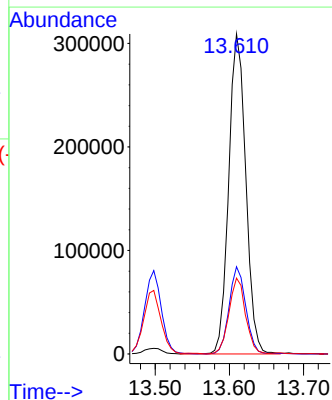
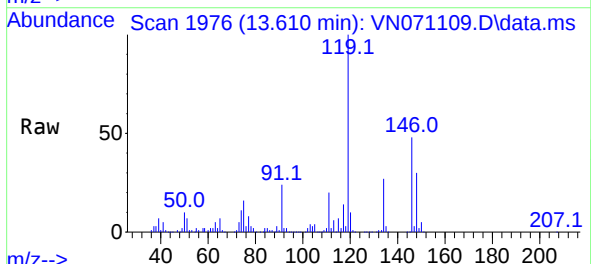
Manual Integrations
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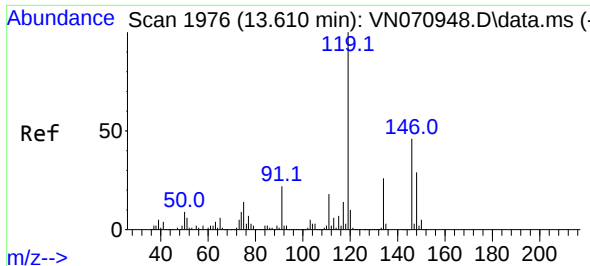
Reviewed By :John Carlone 03/01/2022
 Supervised By :Mahesh Dadoda 03/01/2022



#86
 p-Isopropyltoluene
 Concen: 20.305 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071109.D
 Acq: 28 Feb 2022 21:08

Tgt Ion:119 Resp: 494252
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.7
 91 23.1 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.754 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN071109.D

Acq: 28 Feb 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD02

Tgt Ion:146 Resp: 250729

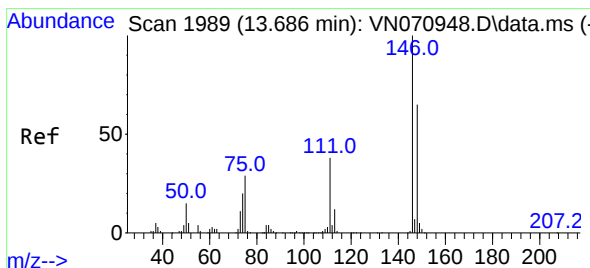
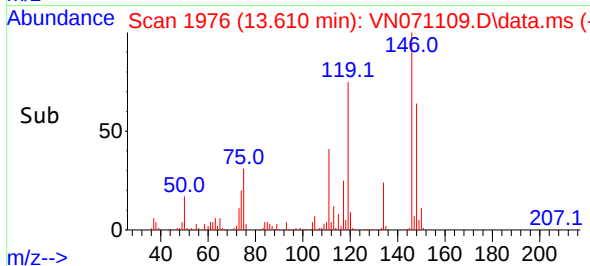
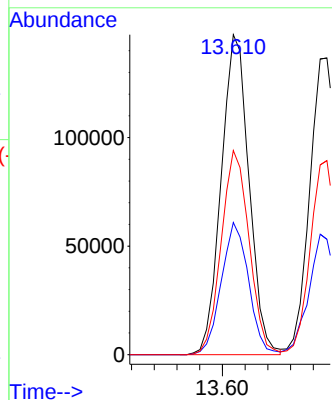
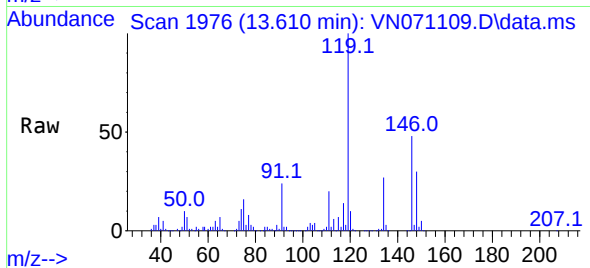
Ion	Ratio	Lower	Upper
146	100		
111	40.7	18.6	55.6
148	64.1	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2022

Supervised By :Mahesh Dadoda 03/01/2022



#88

1,4-Dichlorobenzene

Concen: 19.524 ug/l

RT: 13.692 min Scan# 1990

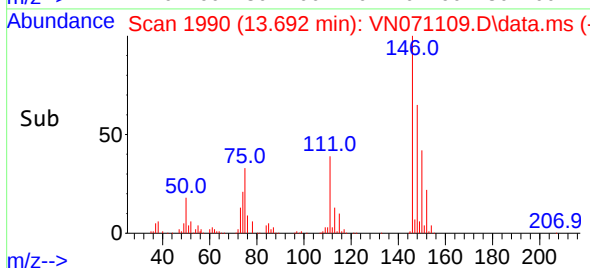
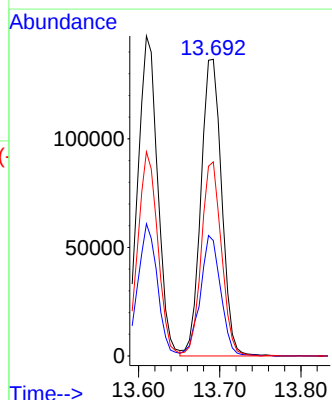
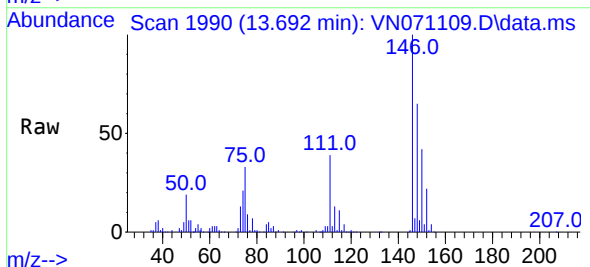
Delta R.T. 0.006 min

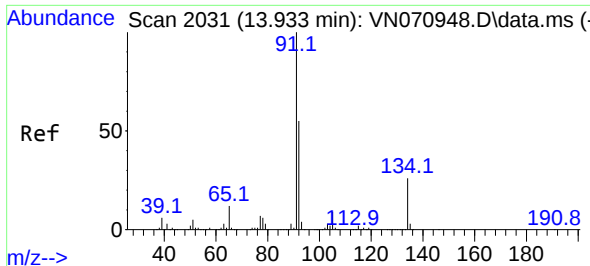
Lab File: VN071109.D

Acq: 28 Feb 2022 21:08

Tgt Ion:146 Resp: 242795

Ion	Ratio	Lower	Upper
146	100		
111	40.0	18.3	54.8
148	63.5	31.8	95.4





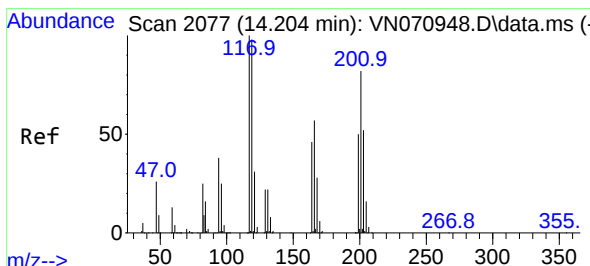
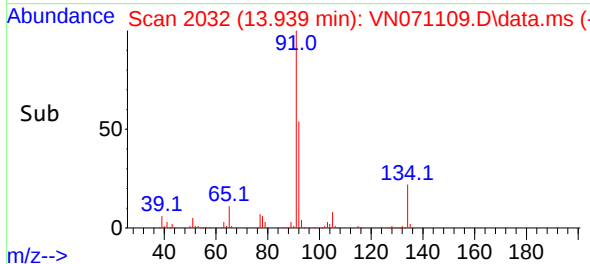
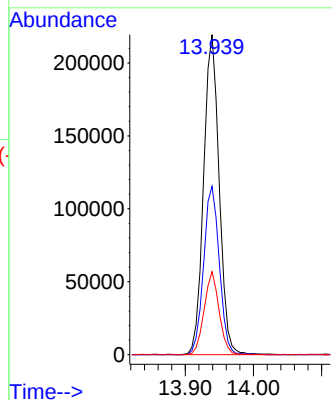
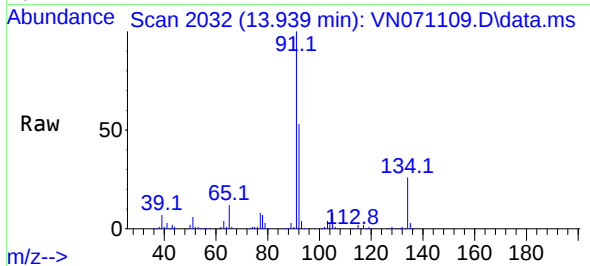
#89
n-Butylbenzene
Concen: 17.546 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02

Tgt Ion: 91 Resp: 34846
Ion Ratio Lower Upper
91 100
92 53.1 25.4 76.0
134 24.9 13.6 40.8

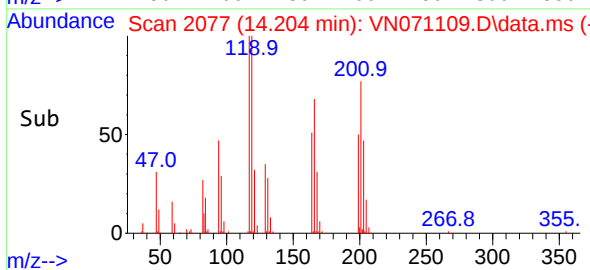
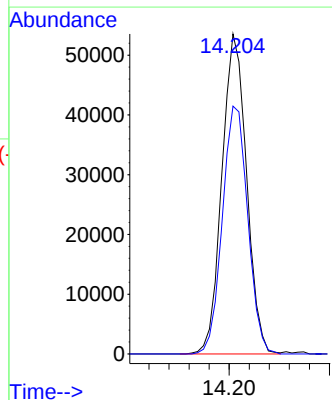
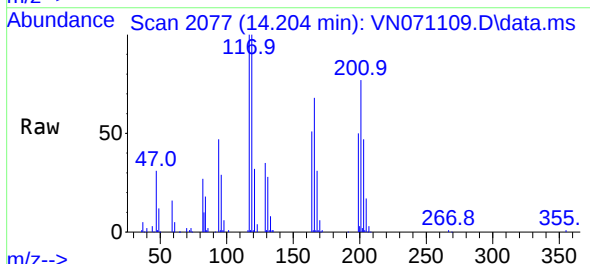
Manual Integrations
APPROVED

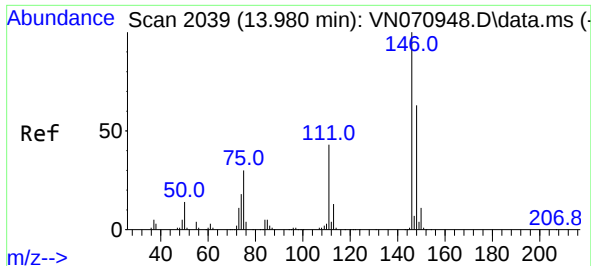
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#90
Hexachloroethane
Concen: 20.991 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

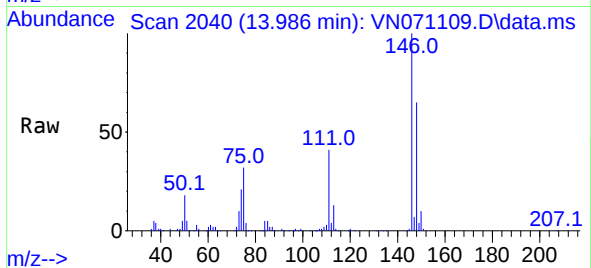
Tgt Ion:117 Resp: 91252
Ion Ratio Lower Upper
117 100
201 79.7 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 20.990 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

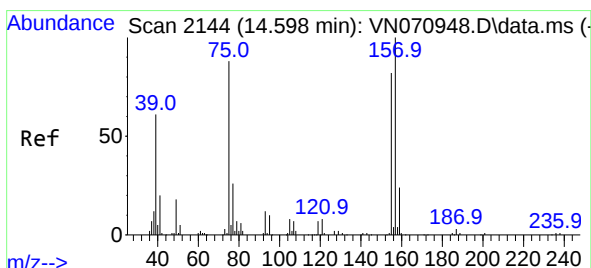
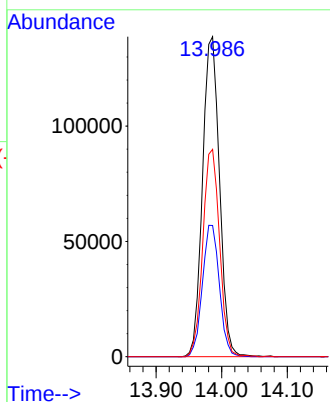
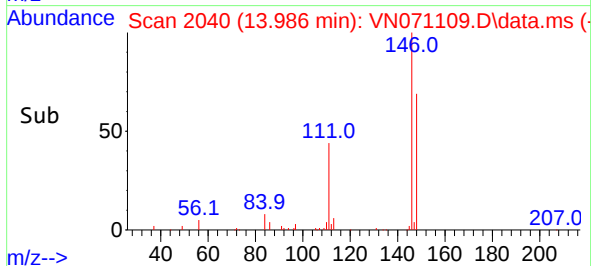
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



Tgt Ion:146 Resp: 25017
Ion Ratio Lower Upper
146 100
111 41.1 19.1 57.3
148 64.1 32.1 96.3

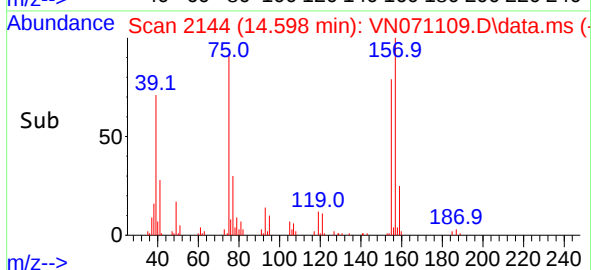
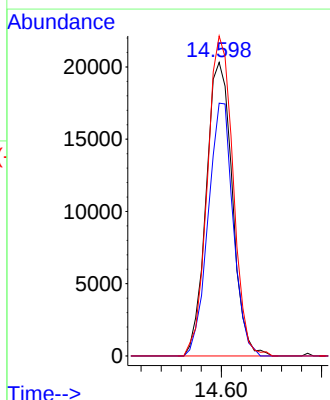
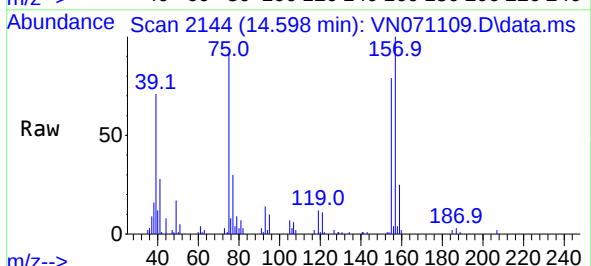
Manual Integrations
APPROVED

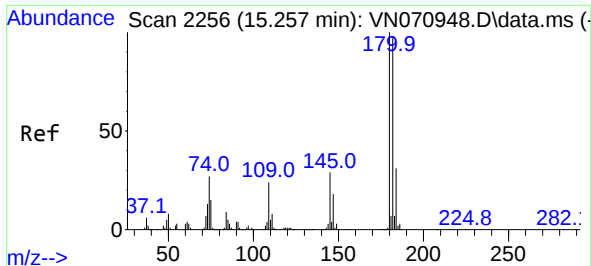
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.356 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

Tgt Ion: 75 Resp: 36728
Ion Ratio Lower Upper
75 100
155 82.5 46.9 140.7
157 106.9 60.6 181.7





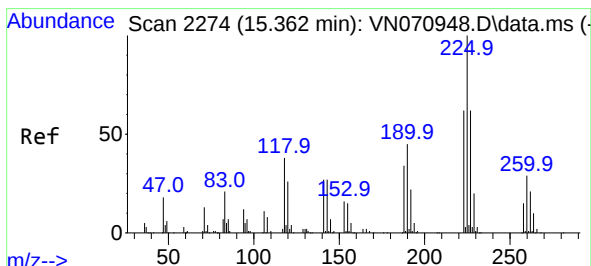
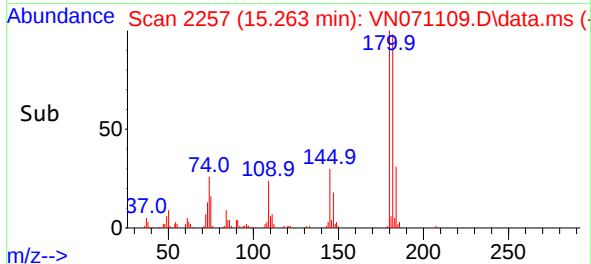
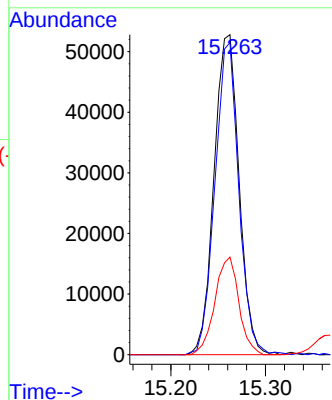
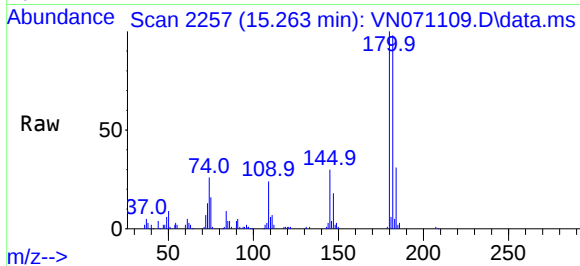
#93
1,2,4-Trichlorobenzene
Concen: 15.874 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02

Tgt Ion:180 Resp: 96819
Ion Ratio Lower Upper
180 100
182 93.3 48.3 144.9
145 29.3 14.5 43.5

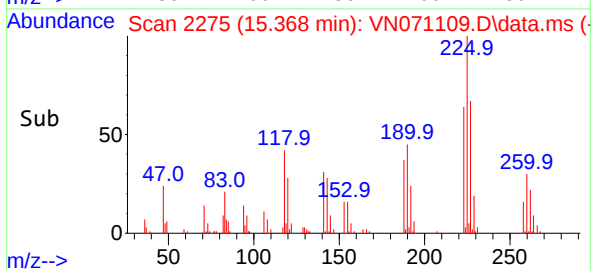
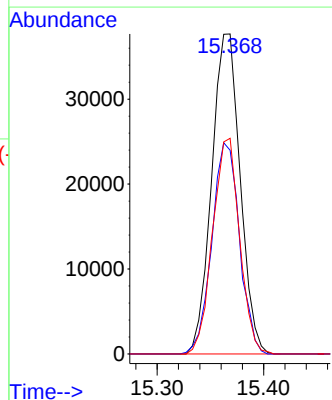
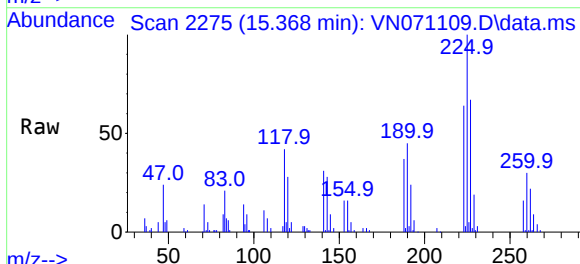
Manual Integrations
APPROVED

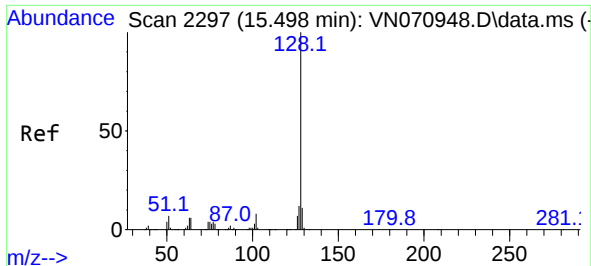
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#94
Hexachlorobutadiene
Concen: 16.087 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

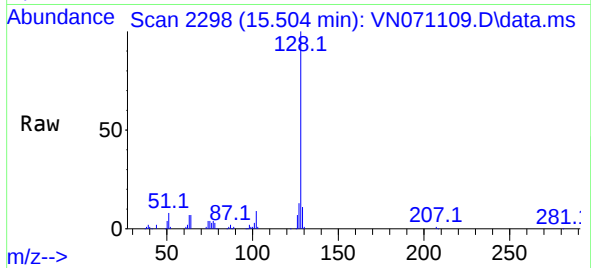
Tgt Ion:225 Resp: 69916
Ion Ratio Lower Upper
225 100
223 63.9 31.9 95.7
227 63.7 32.1 96.3





#95
Naphthalene
Concen: 17.317 ug/l
RT: 15.504 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

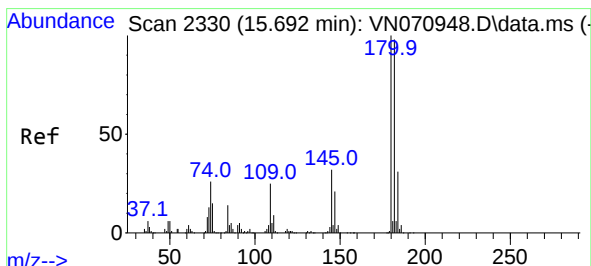
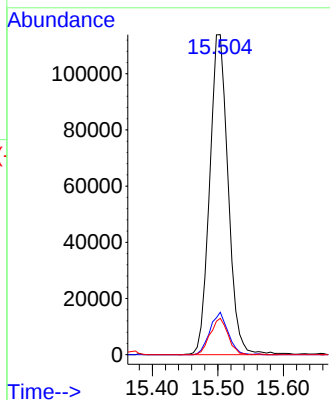
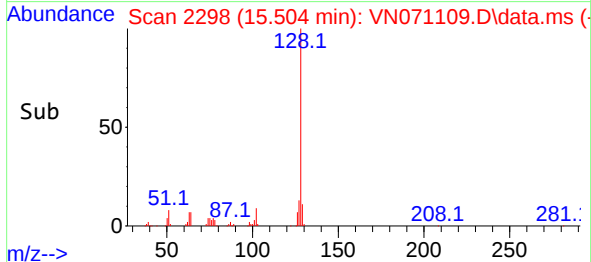
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD02



Tgt Ion:128 Resp: 222779
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 16.456 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071109.D
Acq: 28 Feb 2022 21:08

Tgt Ion:180 Resp: 90652
Ion Ratio Lower Upper
180 100
182 96.7 47.4 142.2
145 32.2 15.0 45.1

