

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071922\
 Data File : VN073514.D
 Acq On : 19 Jul 2022 14:15
 Operator : JC\MD
 Sample : VN0719WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

Quant Time: Jul 20 06:24:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/20/2022
 Supervised By : Mahesh Dadoda 07/20/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	188057	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	337707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	304917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	146460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	149088	54.917	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.840%			
35) Dibromofluoromethane	7.951	113	120495	53.629	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.260%			
50) Toluene-d8	10.375	98	400484	50.186	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.380%			
62) 4-Bromofluorobenzene	12.669	95	154651	50.430	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	47843	17.401	ug/l	97
3) Chloromethane	2.269	50	49402	18.508	ug/l	95
4) Vinyl Chloride	2.405	62	41399	18.254	ug/l	98
5) Bromomethane	2.805	94	22969	21.442	ug/l	91
6) Chloroethane	2.963	64	27607	20.693	ug/l	99
7) Trichlorofluoromethane	3.316	101	74851	19.090	ug/l	98
8) Diethyl Ether	3.769	74	34049	21.332	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.140	101	48212	20.809	ug/l	93
10) Methyl Iodide	4.351	142	40346	15.764	ug/l	96
11) Tert butyl alcohol	5.287	59	75325	114.537	ug/l	98
12) 1,1-Dichloroethene	4.116	96	42086	19.011	ug/l	94
13) Acrolein	3.981	56	14119	33.966	ug/l	95
14) Allyl chloride	4.769	41	101661	21.798	ug/l #	87
15) Acrylonitrile	5.475	53	219362	129.573	ug/l	99
16) Acetone	4.222	43	194680	127.754	ug/l	94
17) Carbon Disulfide	4.457	76	88049	15.339	ug/l	98
18) Methyl Acetate	4.781	43	119528	27.990	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	180762	22.403	ug/l	95
20) Methylene Chloride	5.016	84	57869	21.609	ug/l	88
21) trans-1,2-Dichloroethene	5.510	96	43609	18.852	ug/l	89
22) Diisopropyl ether	6.416	45	206576	23.738	ug/l #	94
23) Vinyl Acetate	6.351	43	877330	112.600	ug/l #	93
24) 1,1-Dichloroethane	6.298	63	103428	22.966	ug/l	97
25) 2-Butanone	7.257	43	318145	131.131	ug/l	90
26) 2,2-Dichloropropane	7.251	77	78116	18.755	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	57892	20.667	ug/l	95
28) Bromochloromethane	7.581	49	45836	24.302	ug/l #	79
29) Tetrahydrofuran	7.610	42	215379	129.649	ug/l #	84
30) Chloroform	7.745	83	105419	23.241	ug/l	99
31) Cyclohexane	8.022	56	82999	18.667	ug/l	88
32) 1,1,1-Trichloroethane	7.939	97	84539	20.914	ug/l	97
36) 1,1-Dichloropropene	8.151	75	67100	19.409	ug/l	96
37) Ethyl Acetate	7.340	43	125828	24.088	ug/l #	92
38) Carbon Tetrachloride	8.134	117	65257	18.253	ug/l	98
39) Methylcyclohexane	9.392	83	72142	16.761	ug/l #	87
40) Benzene	8.387	78	218800	20.507	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	59866	23.631	ug/l #	83
42) 1,2-Dichloroethane	8.463	62	82120	21.233	ug/l	97
43) Isopropyl Acetate	8.492	43	173098	23.057	ug/l #	92
44) Trichloroethene	9.151	130	52490	19.332	ug/l	95
45) 1,2-Dichloropropane	9.428	63	61144	22.484	ug/l	100
46) Dibromomethane	9.510	93	39571	21.431	ug/l	90
47) Bromodichloromethane	9.698	83	78695	22.005	ug/l	98
48) Methyl methacrylate	9.498	41	80583	23.183	ug/l #	86
49) 1,4-Dioxane	9.504	88	30358	460.055	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	609867	128.101	ug/l	90
52) Toluene	10.445	92	132393	20.079	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	79611	20.222	ug/l	94
54) cis-1,3-Dichloropropene	10.128	75	88478	20.817	ug/l	94
55) 1,1,2-Trichloroethane	10.839	97	58995	21.733	ug/l	99
56) Ethyl methacrylate	10.704	69	92782	21.147	ug/l #	86
57) 1,3-Dichloropropane	10.986	76	100250	21.544	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.981	63	208607	106.609	ug/l	93
59) 2-Hexanone	11.028	43	459581	126.640	ug/l	88
60) Dibromochloromethane	11.180	129	57111	22.067	ug/l	98
61) 1,2-Dibromoethane	11.286	107	57350	21.152	ug/l	99
64) Tetrachloroethene	10.910	164	47266	18.983	ug/l	97
65) Chlorobenzene	11.710	112	136211	19.752	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	52688	20.772	ug/l	98
67) Ethyl Benzene	11.780	91	246949	19.725	ug/l	98
68) m/p-Xylenes	11.892	106	188845	39.968	ug/l	96
69) o-Xylene	12.222	106	92690	19.216	ug/l	95
70) Styrene	12.233	104	152426	20.468	ug/l	98
71) Bromoform	12.398	173	39773	21.429	ug/l #	99
73) Isopropylbenzene	12.516	105	243125	19.223	ug/l	97
74) N-amyl acetate	12.327	43	124544	19.666	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.769	83	92848	22.123	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	80267m	20.959	ug/l	
77) Bromobenzene	12.798	156	55628	18.918	ug/l	82
78) n-propylbenzene	12.863	91	276159	19.655	ug/l	98
79) 2-Chlorotoluene	12.945	91	177157	19.922	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	202322	19.626	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	26994	19.331	ug/l	91
82) 4-Chlorotoluene	13.045	91	164189	19.072	ug/l	97
83) tert-Butylbenzene	13.263	119	174945	18.930	ug/l	94
84) 1,2,4-Trimethylbenzene	13.304	105	202252	19.651	ug/l	96
85) sec-Butylbenzene	13.439	105	248558	20.029	ug/l	97
86) p-Isopropyltoluene	13.557	119	192705	19.223	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	101164	19.177	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	100378	18.991	ug/l	97
89) n-Butylbenzene	13.880	91	156907	18.783	ug/l	98
90) Hexachloroethane	14.145	117	37508	20.076	ug/l	84
91) 1,2-Dichlorobenzene	13.927	146	106848	19.883	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	21557	21.133	ug/l	85
93) 1,2,4-Trichlorobenzene	15.192	180	50734	18.132	ug/l	98
94) Hexachlorobutadiene	15.298	225	23002	18.493	ug/l	95
95) Naphthalene	15.433	128	195612	17.329	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	53954	18.693	ug/l	98

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ClientSampleId :
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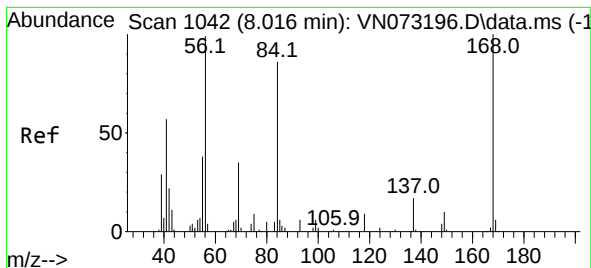
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
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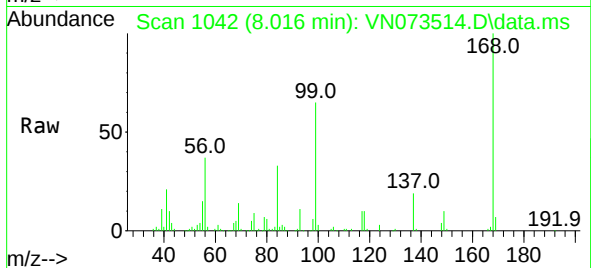
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073514.D
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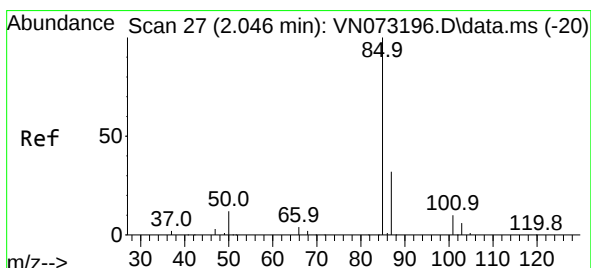
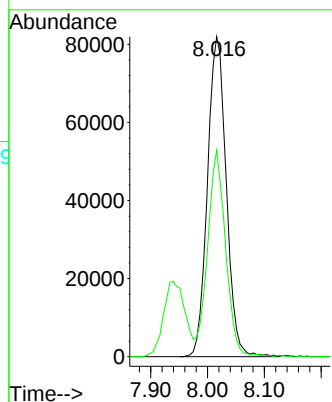
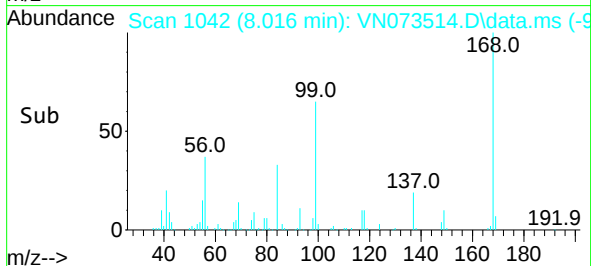
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 18805
Ion Ratio Lower Upper
168 100
99 64.3 42.3 63.5

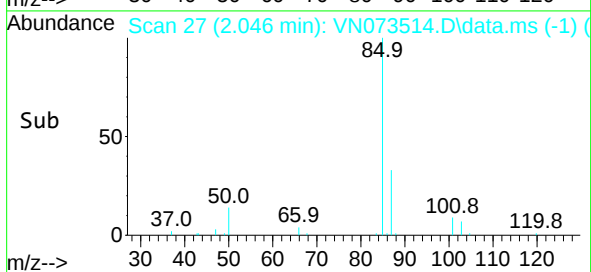
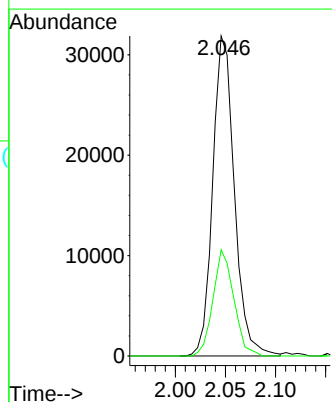
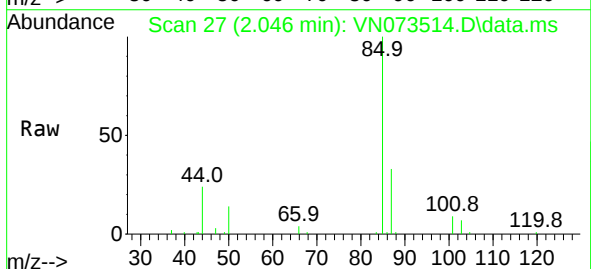
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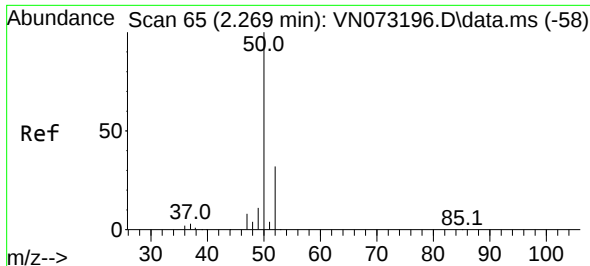
Reviewed By :John Carlone 07/20/2022
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#2
Dichlorodifluoromethane
Concen: 17.401 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

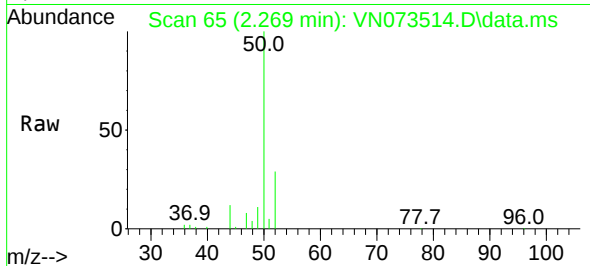
Tgt Ion: 85 Resp: 47843
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.1





#3
Chloromethane
Concen: 18.508 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

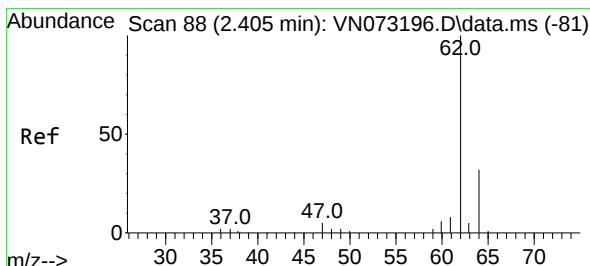
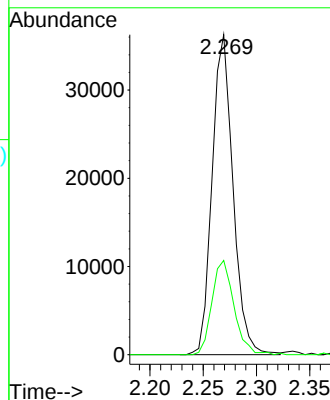
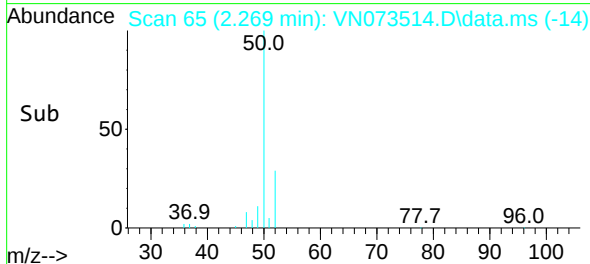
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Tgt Ion: 50 Resp: 4940
Ion Ratio Lower Upper
50 100
52 29.4 25.7 38.5

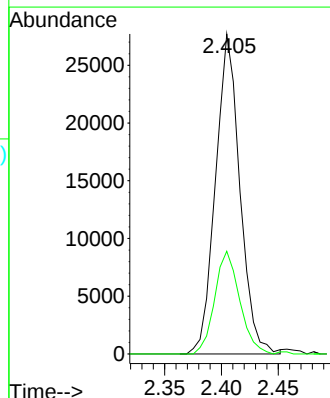
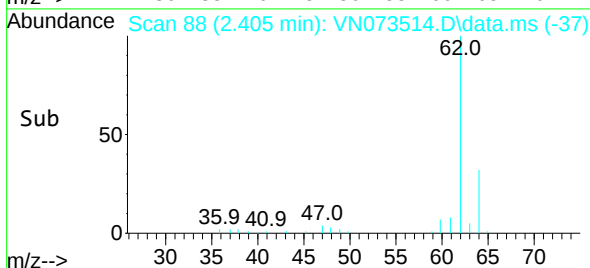
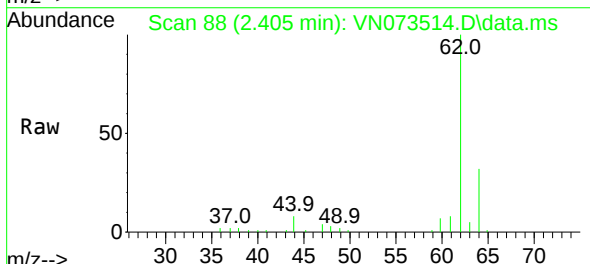
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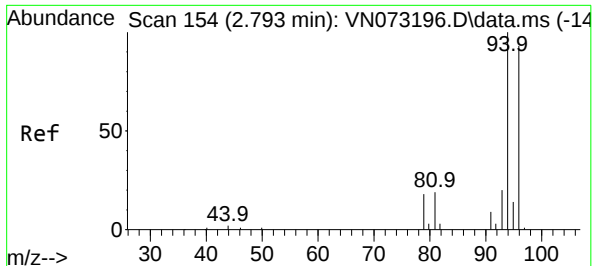
Reviewed By :John Carlone 07/20/2022
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#4
Vinyl Chloride
Concen: 18.254 ug/l
RT: 2.405 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

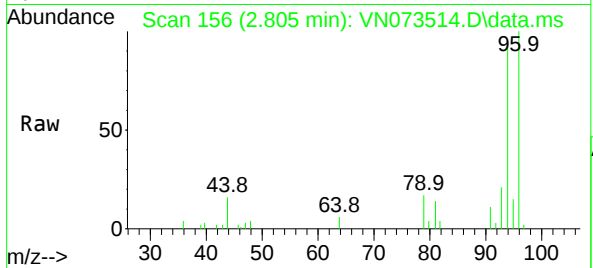
Tgt Ion: 62 Resp: 41399
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.4





#5
Bromomethane
Concen: 21.442 ug/l
RT: 2.805 min Scan# 156
Delta R.T. 0.012 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

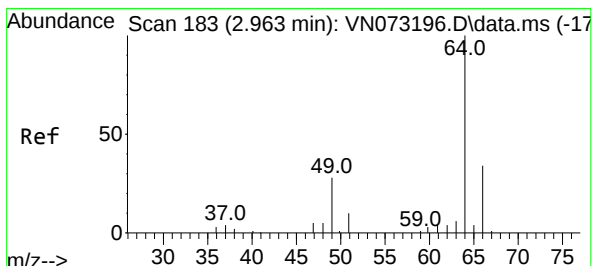
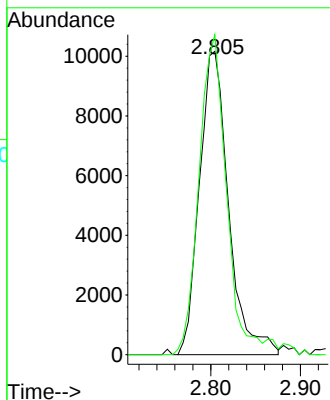
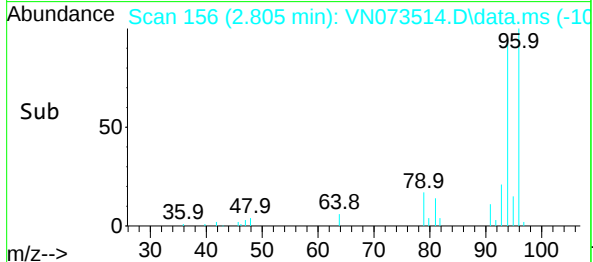
Instrument :
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Tgt Ion: 94 Resp: 22969
Ion Ratio Lower Upper
94 100
96 103.7 76.0 114.0

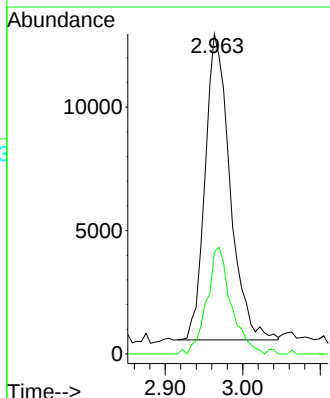
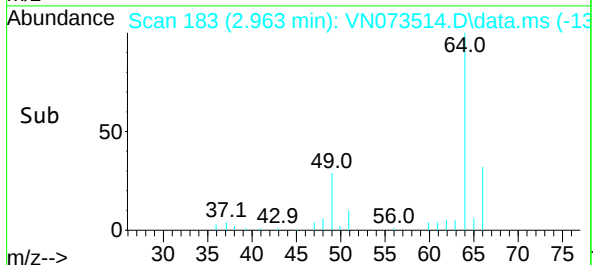
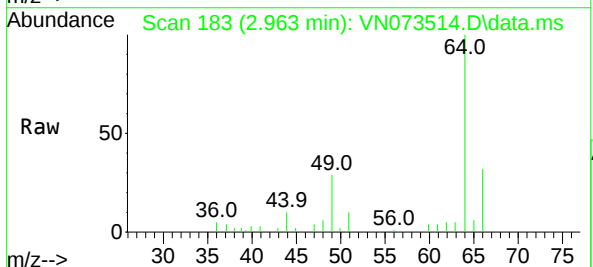
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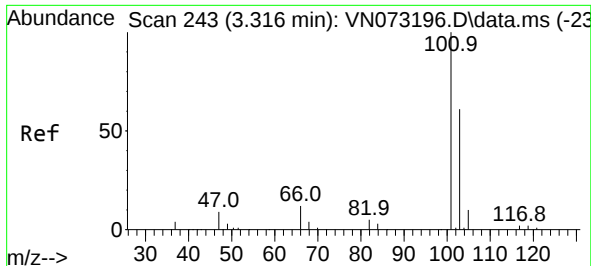
Reviewed By :John Carlone 07/20/2022
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#6
Chloroethane
Concen: 20.693 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

Tgt Ion: 64 Resp: 27607
Ion Ratio Lower Upper
64 100
66 33.4 26.2 39.4





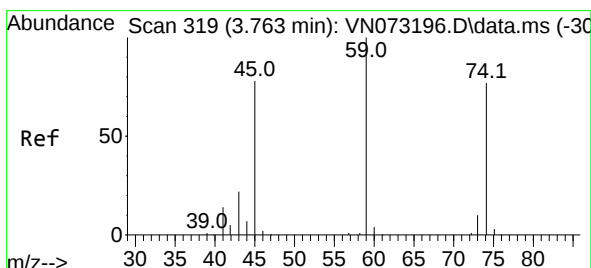
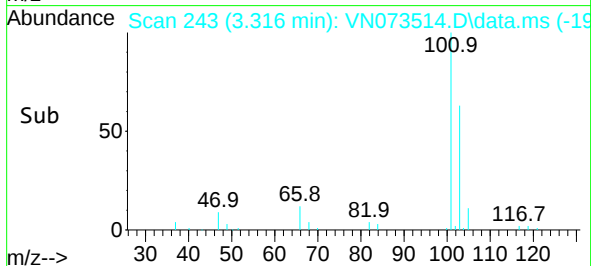
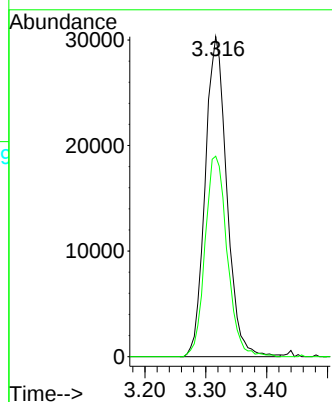
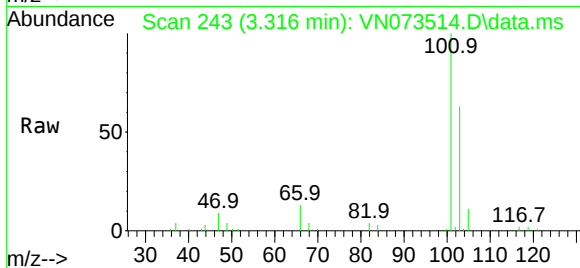
#7
Trichlorofluoromethane
Concen: 19.090 ug/l
RT: 3.316 min Scan# 243
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion:101 Resp: 7485
Ion Ratio Lower Upper
101 100
103 62.6 51.5 77.3

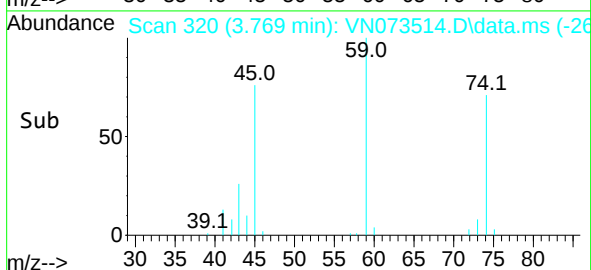
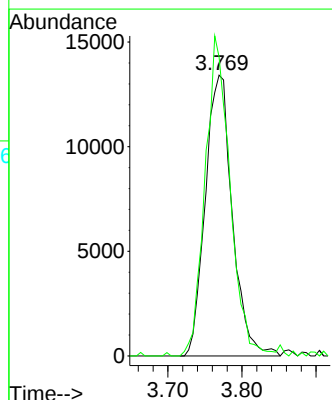
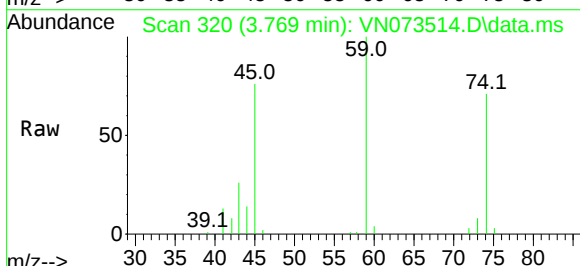
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#8
Diethyl Ether
Concen: 21.332 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

Tgt Ion: 74 Resp: 34049
Ion Ratio Lower Upper
74 100
45 104.7 42.9 128.5





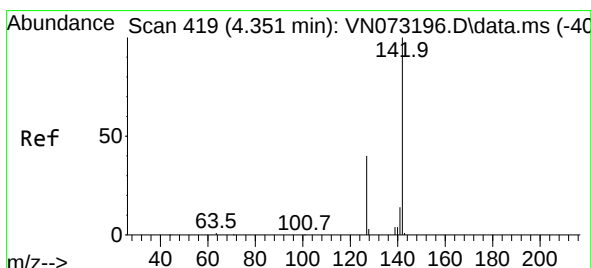
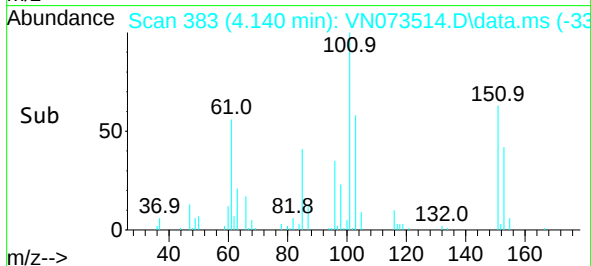
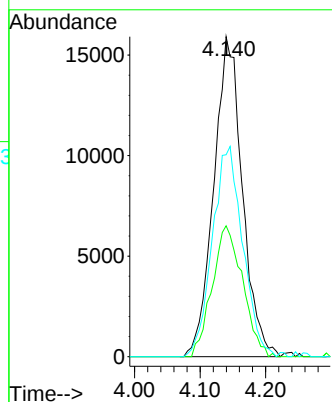
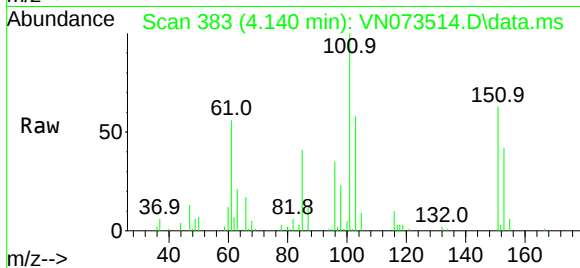
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.809 ug/l
RT: 4.140 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion:101 Resp: 4821
Ion Ratio Lower Upper
101 100
85 43.4 34.7 52.1
151 69.7 63.0 94.4

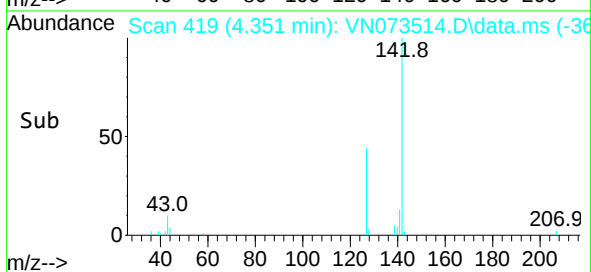
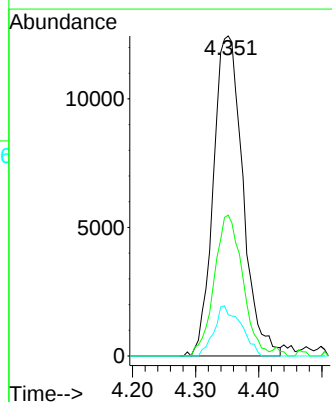
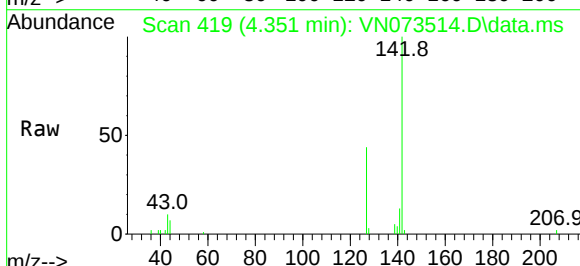
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#10
Methyl Iodide
Concen: 15.764 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

Tgt Ion:142 Resp: 40346
Ion Ratio Lower Upper
142 100
127 42.3 31.3 46.9
141 14.2 11.2 16.8





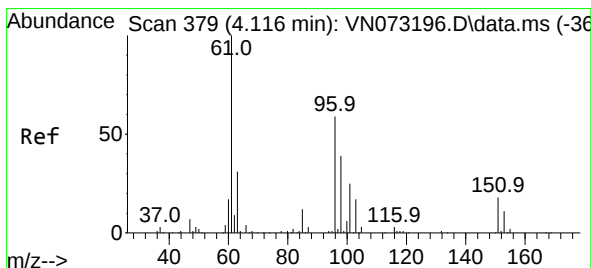
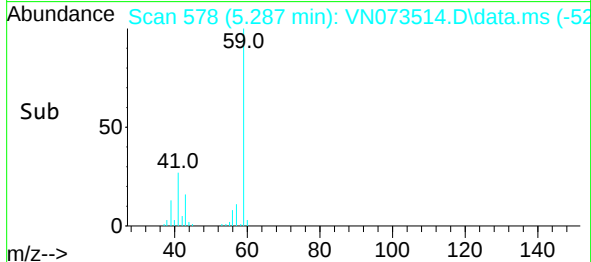
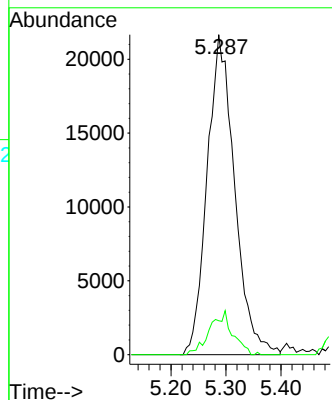
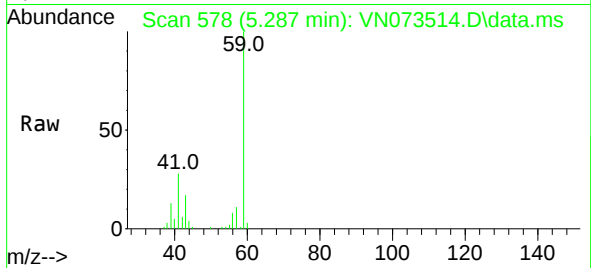
#11
Tert butyl alcohol
Concen: 114.537 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion: 59 Resp: 7532
Ion Ratio Lower Upper
59 100
57 11.3 8.3 12.5

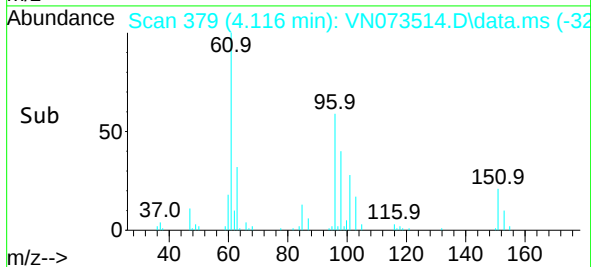
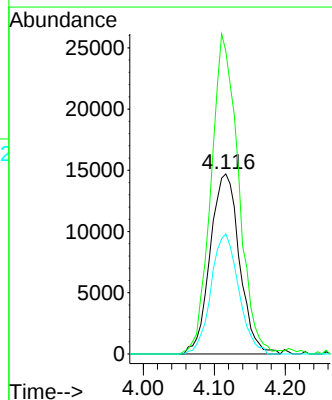
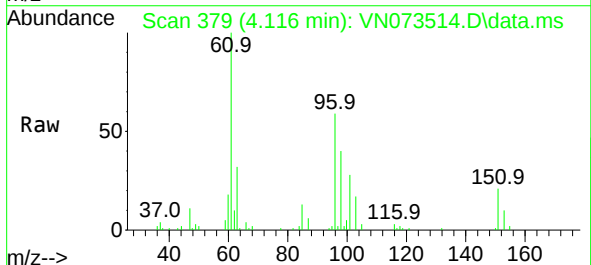
Manual Integrations
APPROVED

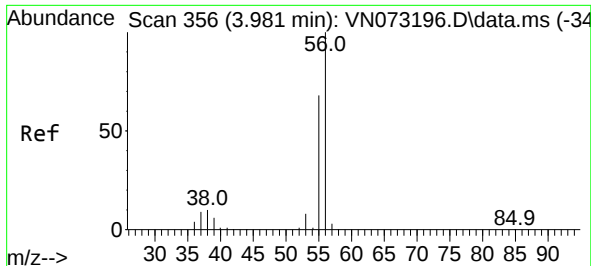
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#12
1,1-Dichloroethene
Concen: 19.011 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

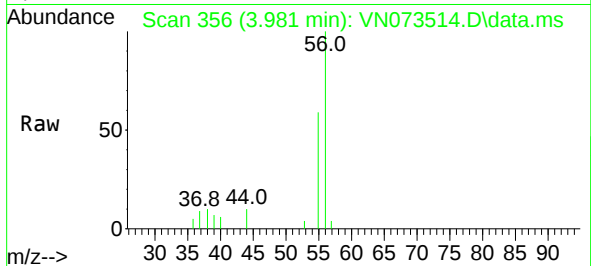
Tgt Ion: 96 Resp: 42086
Ion Ratio Lower Upper
96 100
61 168.4 127.6 191.4
98 66.8 51.2 76.8





#13
Acrolein
Concen: 33.966 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

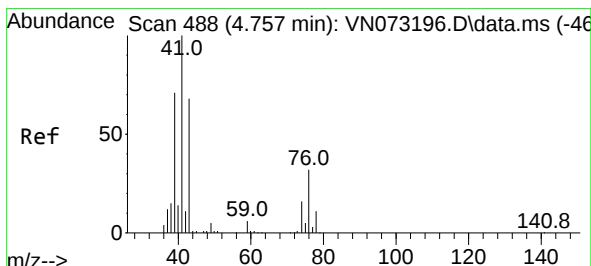
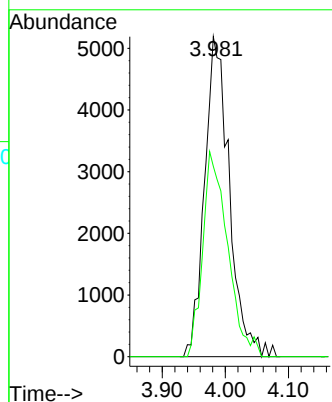
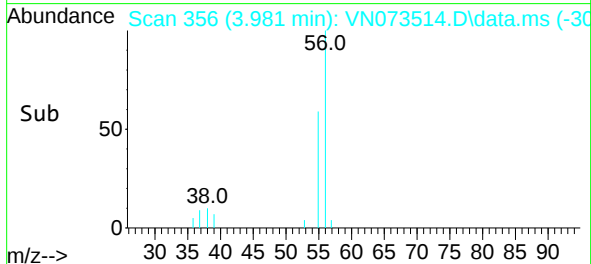
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



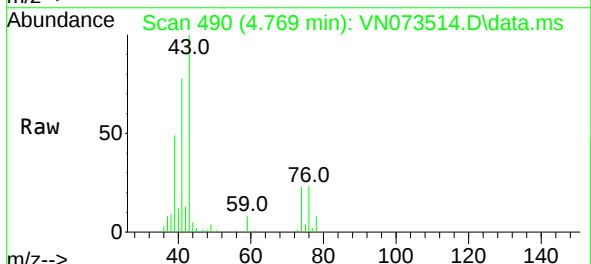
Tgt Ion: 56 Resp: 14119
Ion Ratio Lower Upper
56 100
55 64.6 54.8 82.2

Manual Integrations
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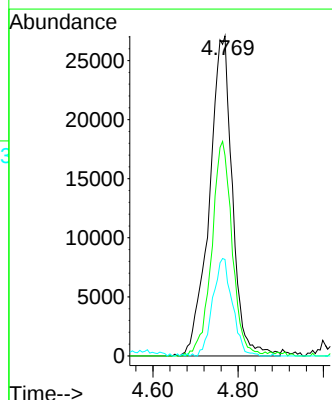
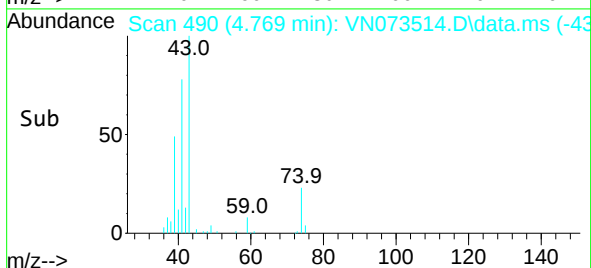
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#14
Allyl chloride
Concen: 21.798 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.012 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15



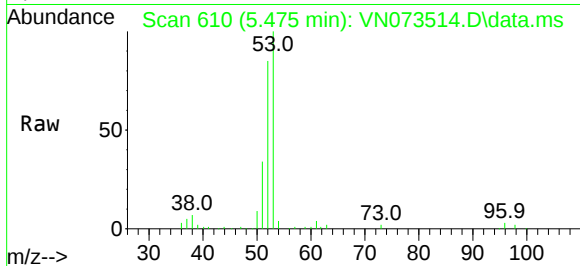
Tgt Ion: 41 Resp: 101661
Ion Ratio Lower Upper
41 100
39 59.3 53.2 79.8
76 25.9 29.9 44.9#





#15
Acrylonitrile
Concen: 129.573 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

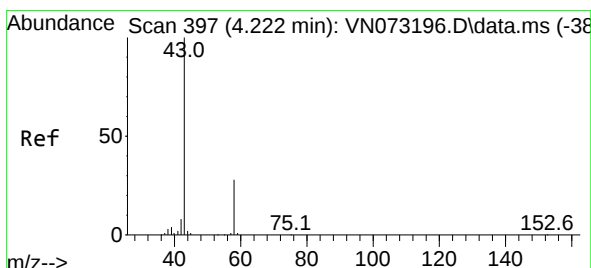
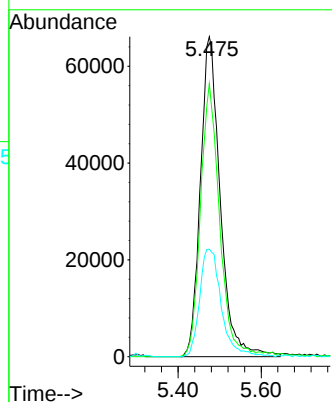
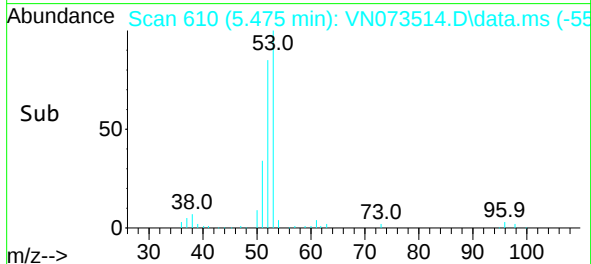
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion: 53 Resp: 219362
Ion Ratio Lower Upper
53 100
52 81.8 66.4 99.6
51 36.6 28.5 42.7

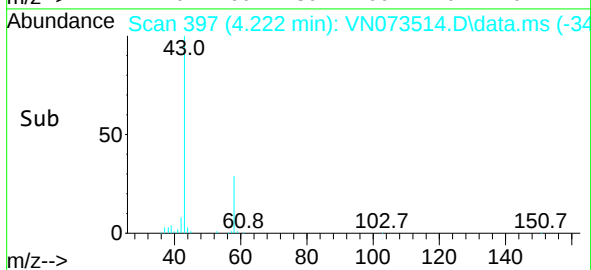
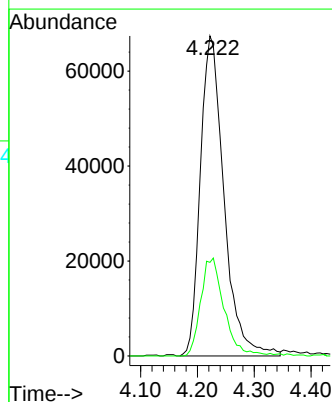
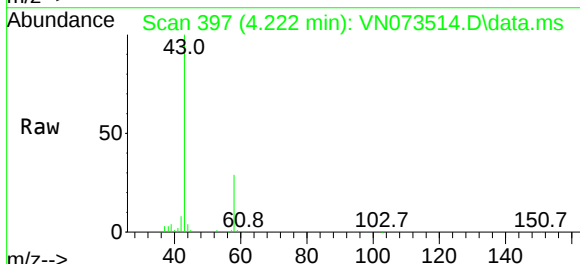
Manual Integrations
APPROVED

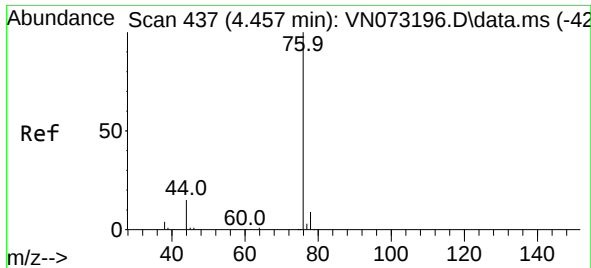
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#16
Acetone
Concen: 127.754 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

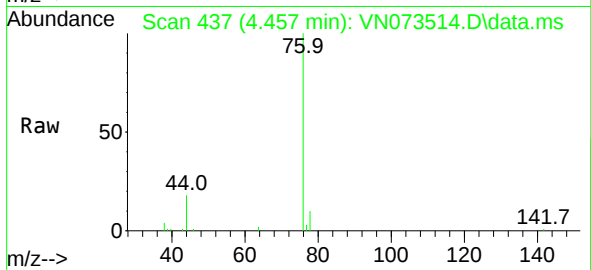
Tgt Ion: 43 Resp: 194680
Ion Ratio Lower Upper
43 100
58 29.2 26.0 39.0





#17
Carbon Disulfide
Concen: 15.339 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

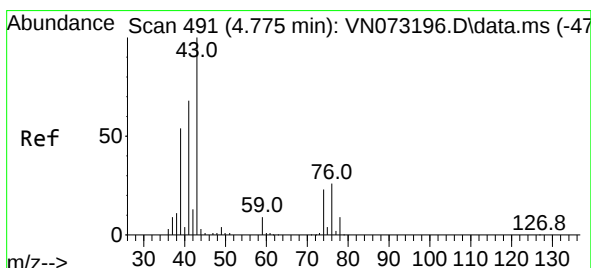
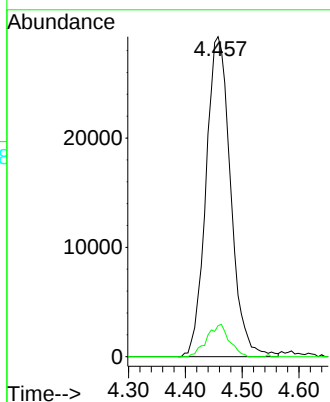
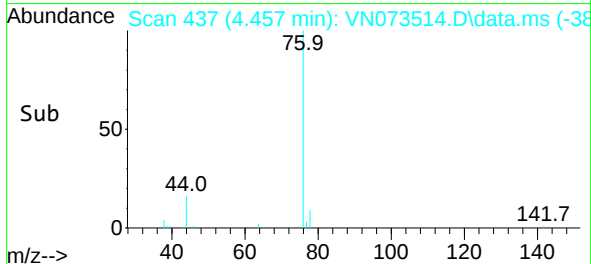
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion: 76 Resp: 88049
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

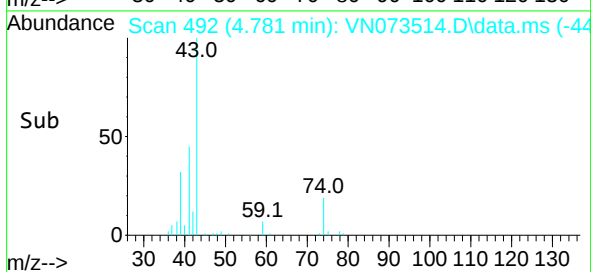
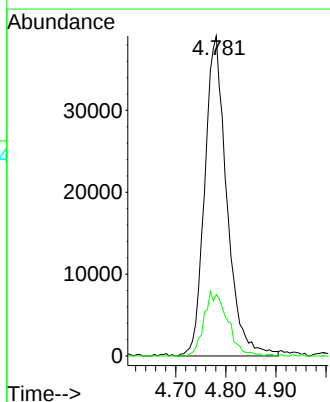
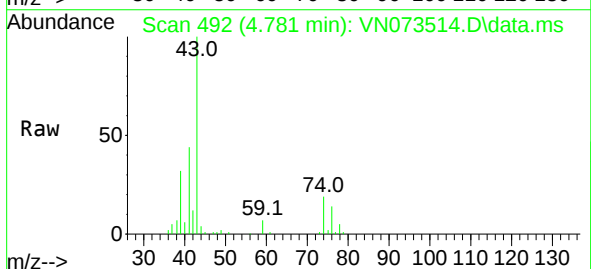
Manual Integrations
APPROVED

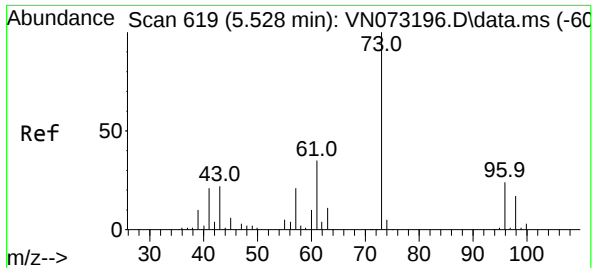
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#18
Methyl Acetate
Concen: 27.990 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

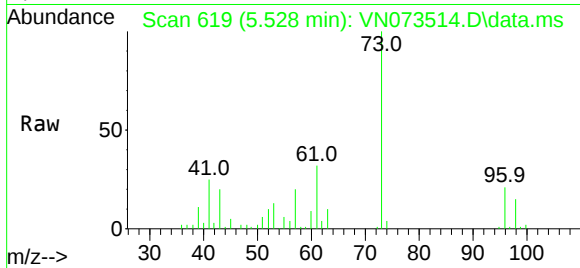
Tgt Ion: 43 Resp: 119528
Ion Ratio Lower Upper
43 100
74 21.4 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 22.403 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

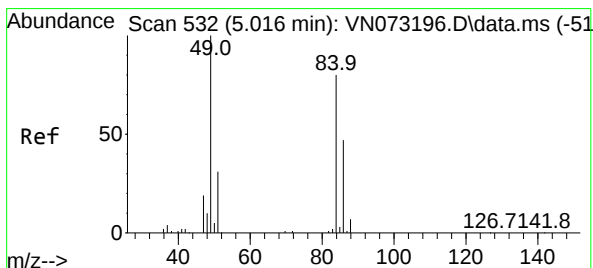
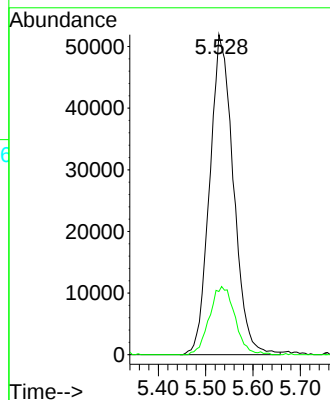
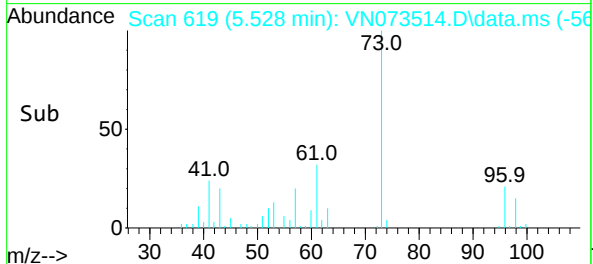
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion: 73 Resp: 180762
Ion Ratio Lower Upper
73 100
57 19.7 17.6 26.4

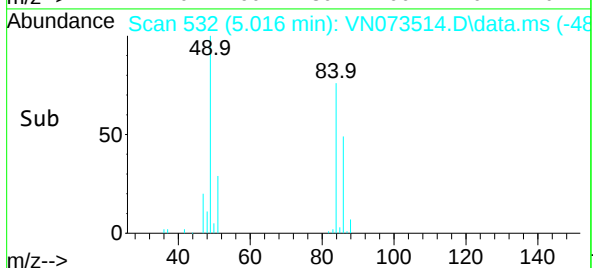
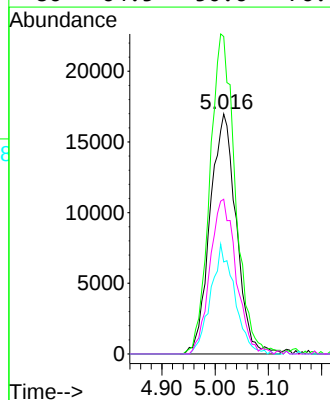
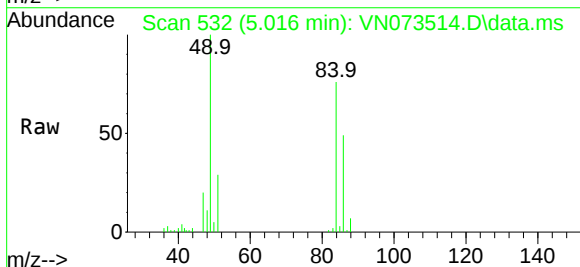
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#20
Methylene Chloride
Concen: 21.609 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

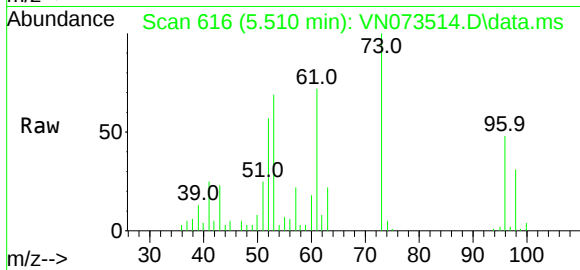
Tgt Ion: 84 Resp: 57869
Ion Ratio Lower Upper
84 100
49 132.3 88.3 132.5
51 38.3 28.2 42.2
86 64.5 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 18.852 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

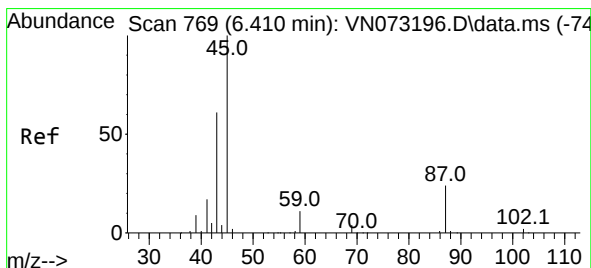
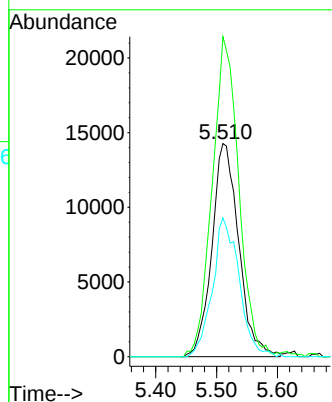
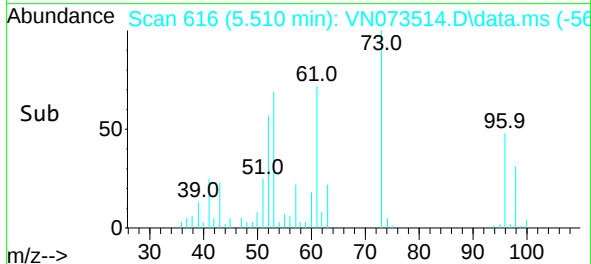
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



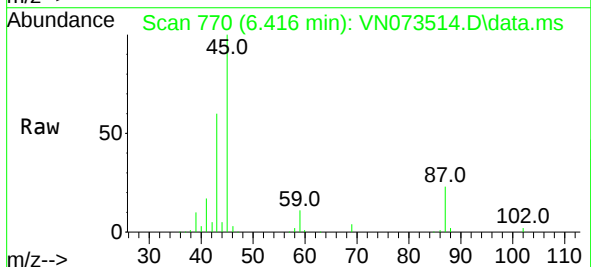
Tgt Ion: 96 Resp: 43609
Ion Ratio Lower Upper
96 100
61 150.1 105.8 158.8
98 65.1 50.3 75.5

Manual Integrations
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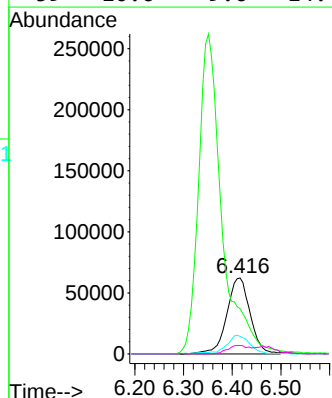
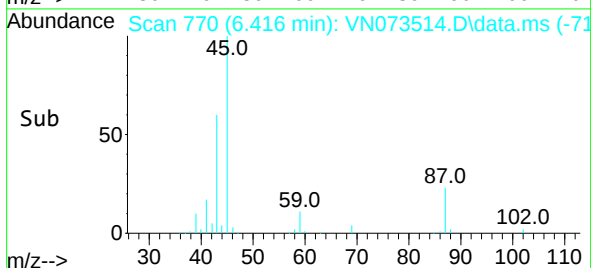
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#22
Diisopropyl ether
Concen: 23.738 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15



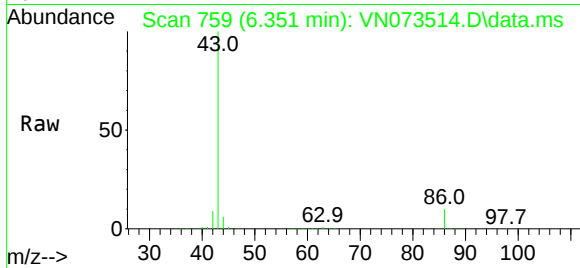
Tgt Ion: 45 Resp: 206576
Ion Ratio Lower Upper
45 100
43 57.3 46.6 70.0
87 22.5 24.3 36.5#
59 10.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 112.600 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073514.D
 Acq: 19 Jul 2022 14:15

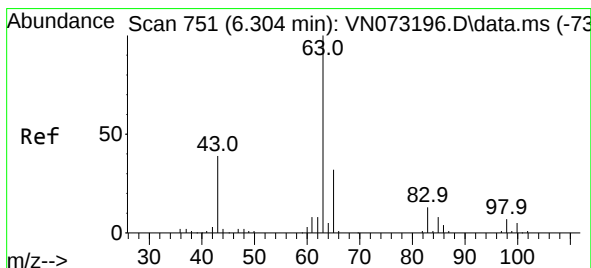
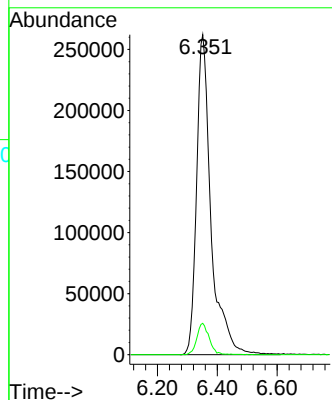
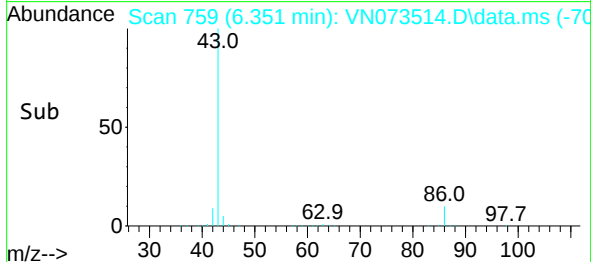
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01



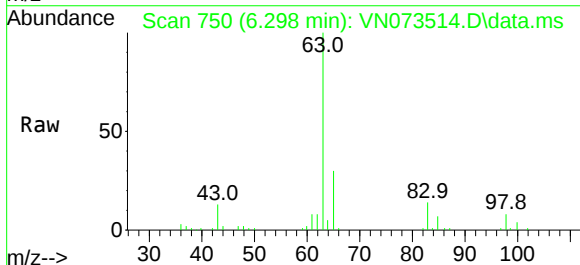
Tgt Ion: 43 Resp: 877330
 Ion Ratio Lower Upper
 43 100
 86 9.8 10.0 15.0

Manual Integrations
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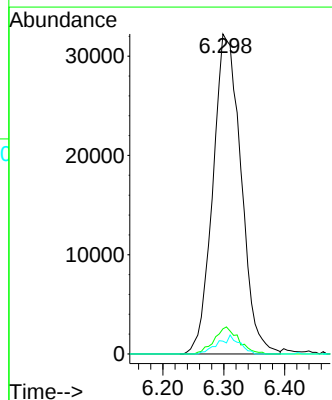
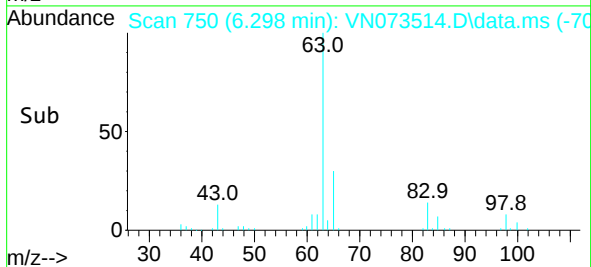
Reviewed By :John Carlone 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022



#24
 1,1-Dichloroethane
 Concen: 22.966 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN073514.D
 Acq: 19 Jul 2022 14:15



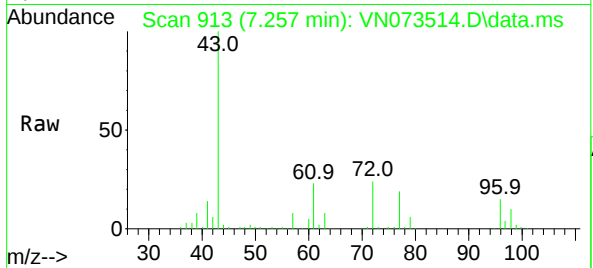
Tgt Ion: 63 Resp: 103428
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.5 10.4
 100 4.0 2.3 6.8





#25
2-Butanone
Concen: 131.131 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

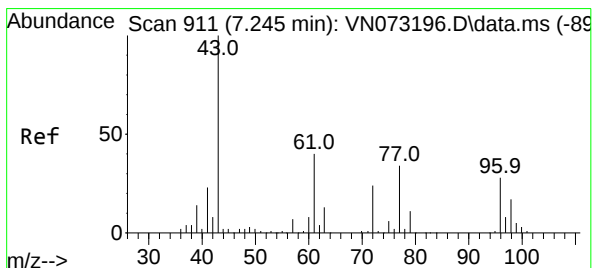
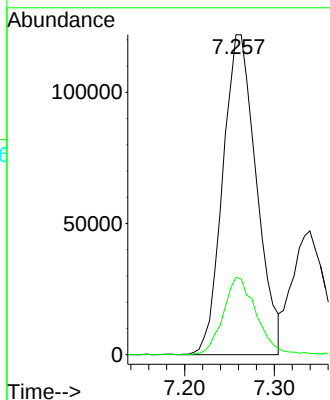
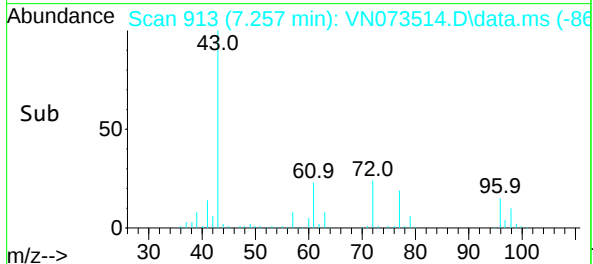
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



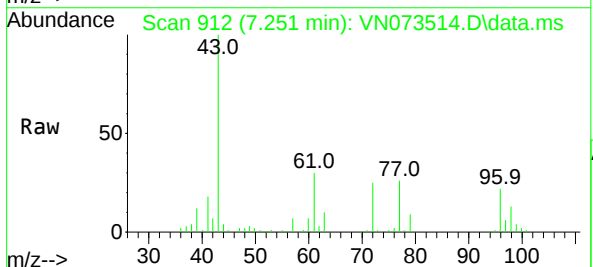
Tgt Ion: 43 Resp: 31814
Ion Ratio Lower Upper
43 100
72 24.2 23.7 35.5

Manual Integrations
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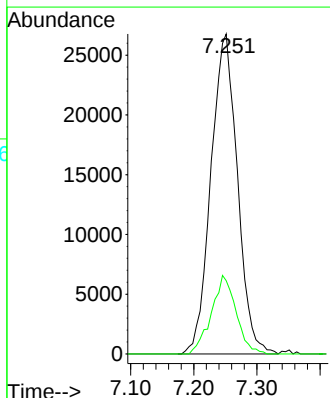
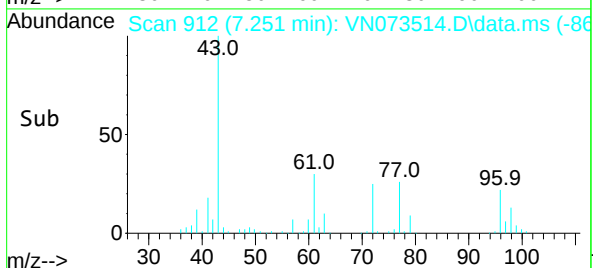
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

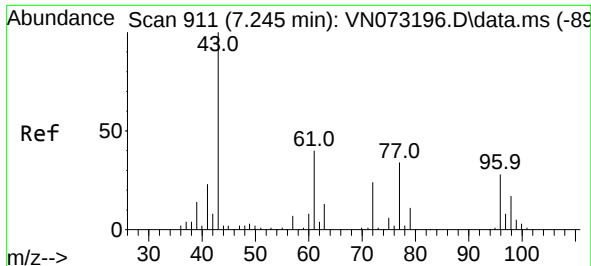


#26
2,2-Dichloropropane
Concen: 18.755 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15



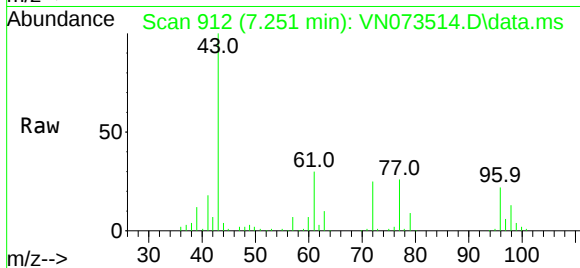
Tgt Ion: 77 Resp: 78116
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 20.667 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN073514.D
 Acq: 19 Jul 2022 14:15

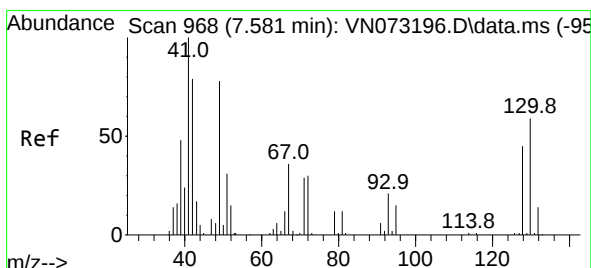
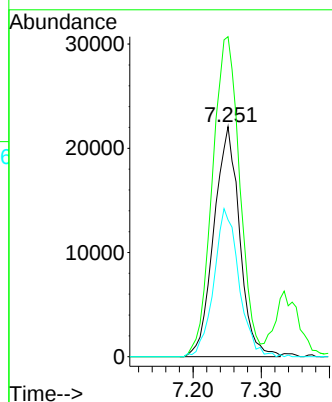
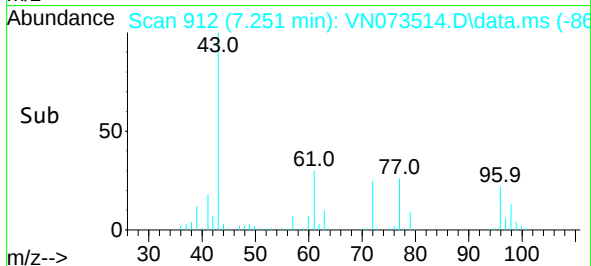
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01



Tgt Ion: 96 Resp: 57892
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 280.6
 98 62.9 0.0 128.4

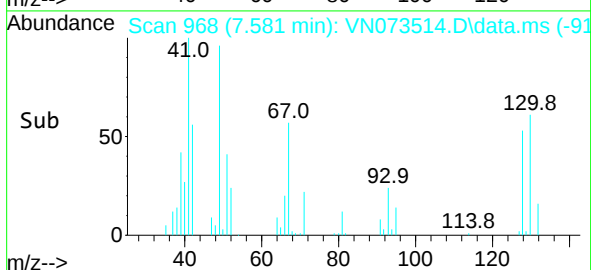
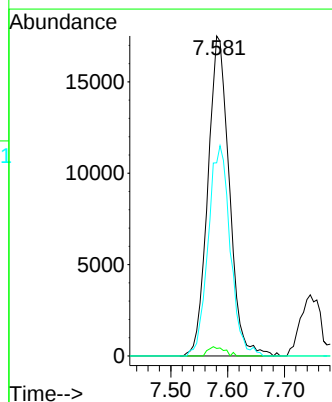
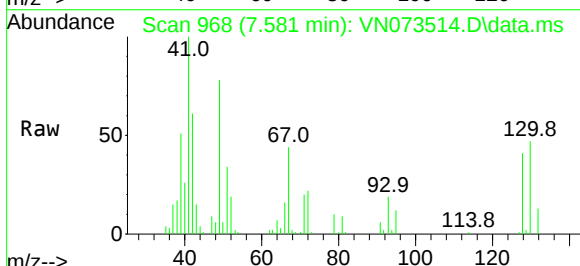
Manual Integrations
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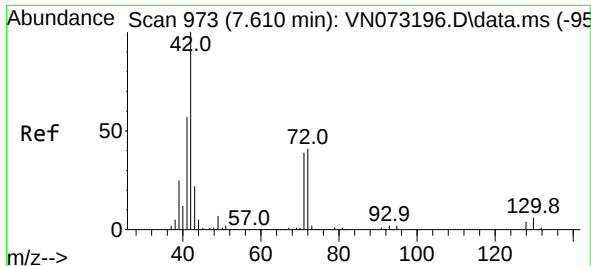
Reviewed By :John Carlone 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022



#28
 Bromochloromethane
 Concen: 24.302 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VN073514.D
 Acq: 19 Jul 2022 14:15

Tgt Ion: 49 Resp: 45836
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 67.6 69.7 104.5#





#29

Tetrahydrofuran

Concen: 129.649 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073514.D

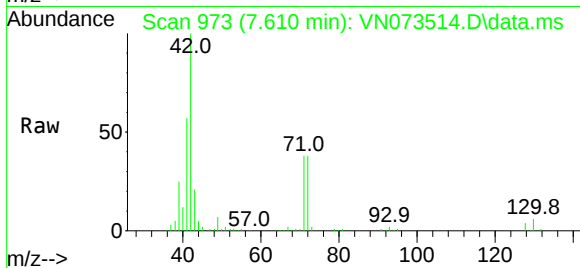
Acq: 19 Jul 2022 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01



Tgt Ion: 42 Resp: 215379

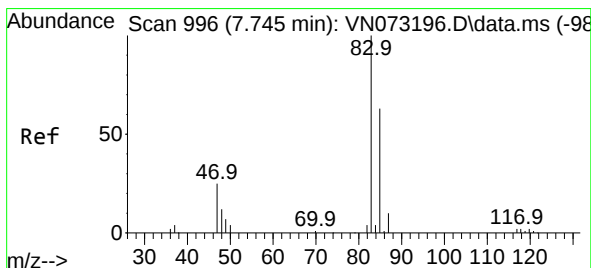
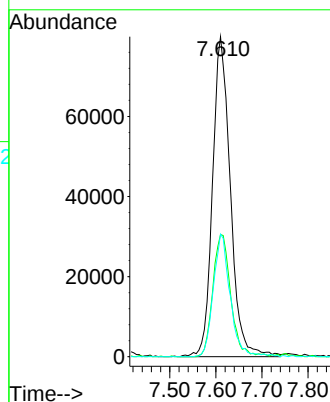
Ion	Ratio	Lower	Upper
42	100		
72	38.2	39.7	59.5
71	36.2	36.6	55.0

Manual Integrations

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Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#30

Chloroform

Concen: 23.241 ug/l

RT: 7.745 min Scan# 996

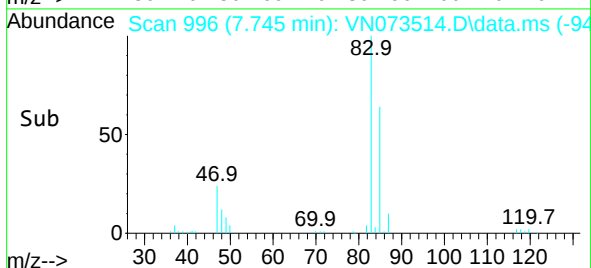
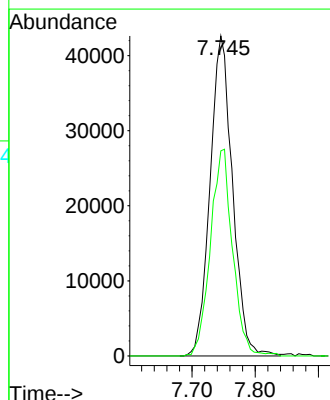
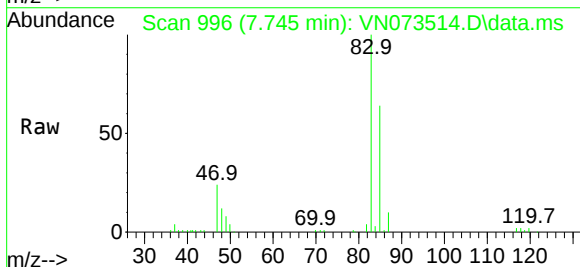
Delta R.T. 0.000 min

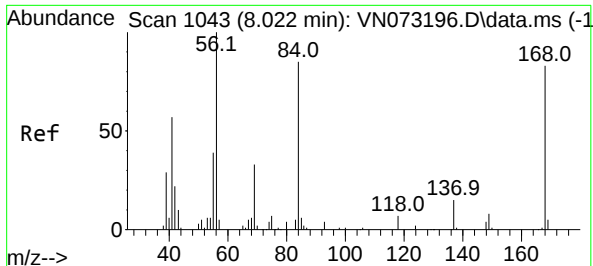
Lab File: VN073514.D

Acq: 19 Jul 2022 14:15

Tgt Ion: 83 Resp: 105419

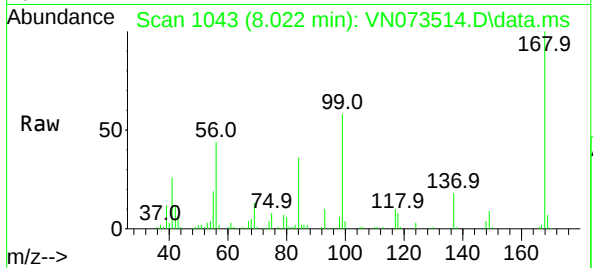
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.8	77.8





#31
Cyclohexane
Concen: 18.667 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

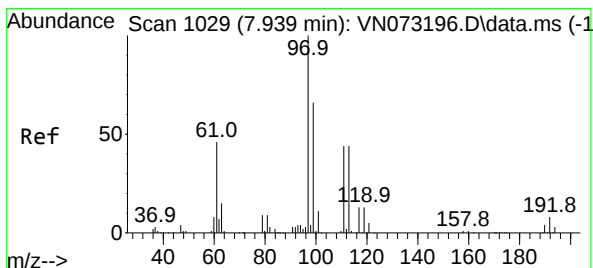
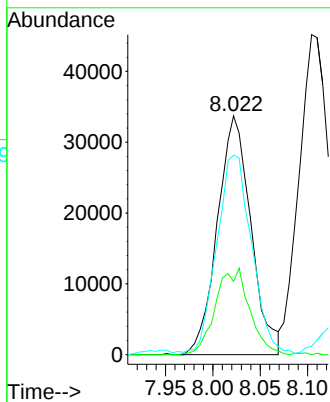
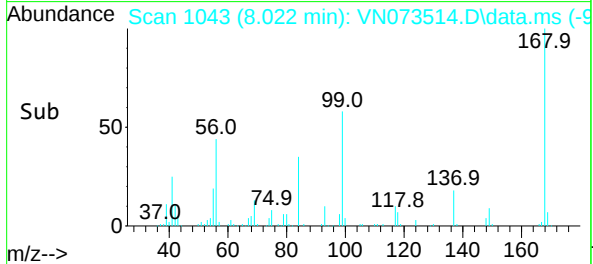
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



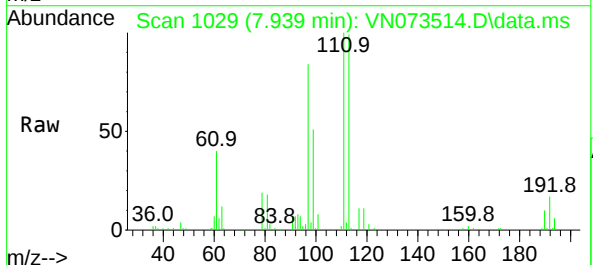
Tgt Ion: 56 Resp: 82999
Ion Ratio Lower Upper
56 100
69 30.7 27.8 41.8
84 82.2 76.9 115.3

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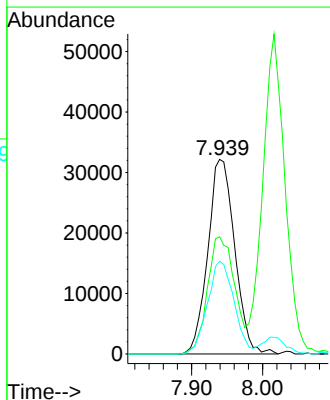
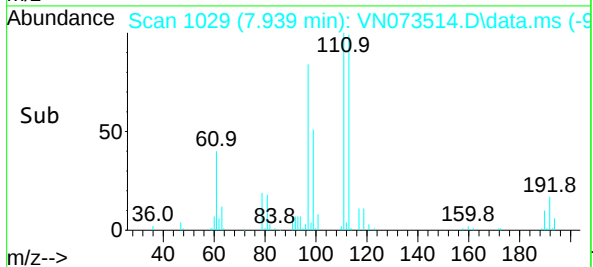
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

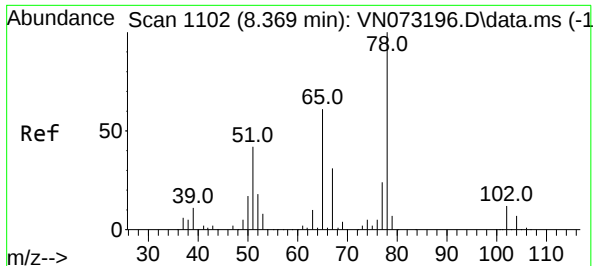


#32
1,1,1-Trichloroethane
Concen: 20.914 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15



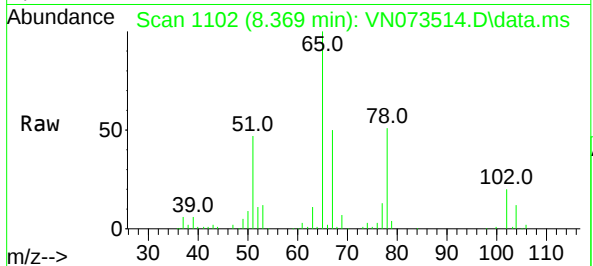
Tgt Ion: 97 Resp: 84539
Ion Ratio Lower Upper
97 100
99 60.6 50.6 76.0
61 47.0 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 54.917 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

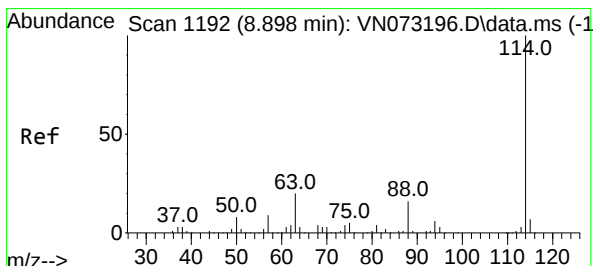
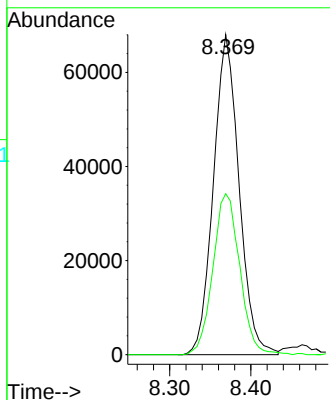
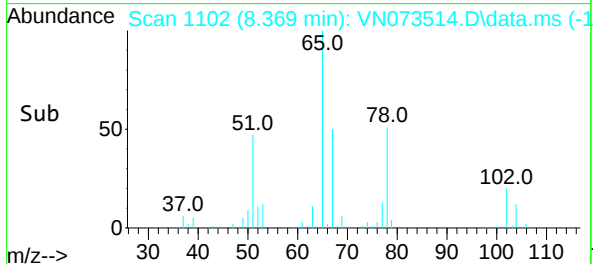
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



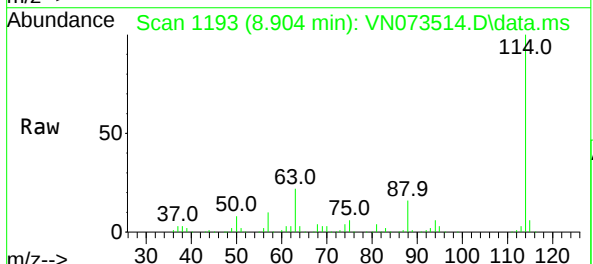
Tgt Ion: 65 Resp: 149088
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8

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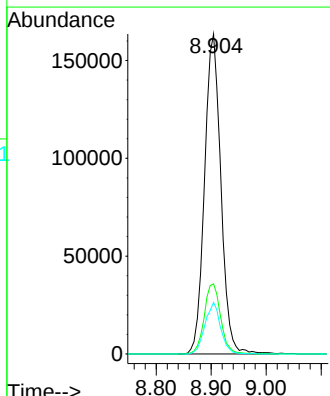
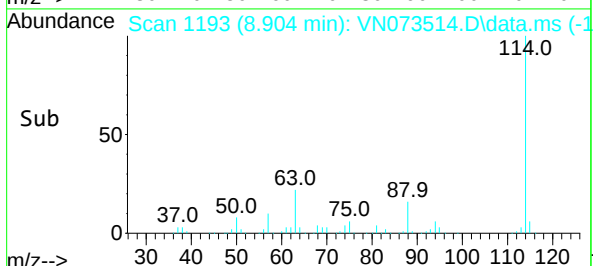
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

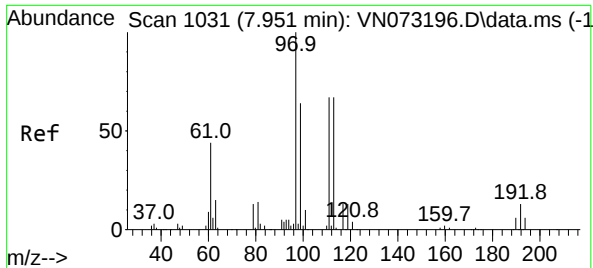


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15



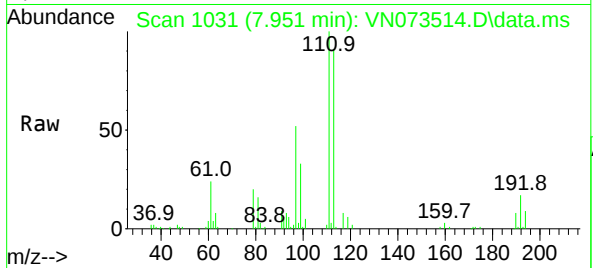
Tgt Ion:114 Resp: 337707
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.0
88 16.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.629 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

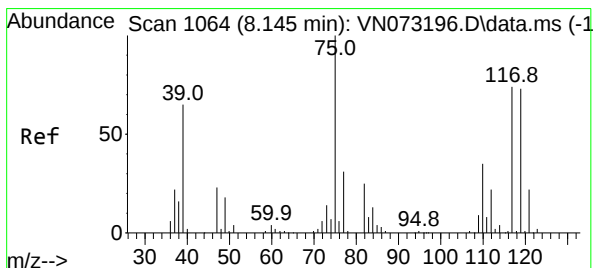
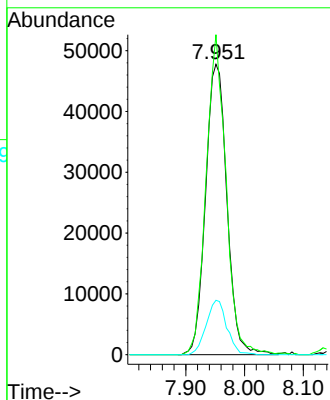
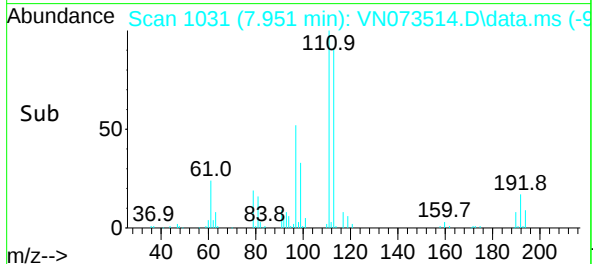
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



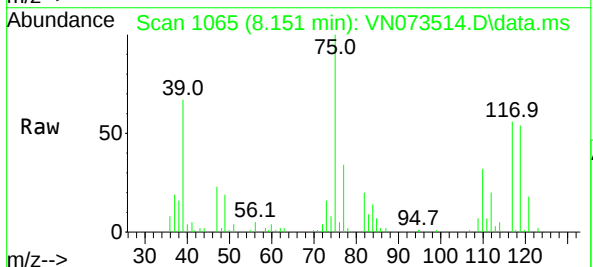
Tgt Ion: 113 Resp: 12049
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 18.1 17.0 25.6

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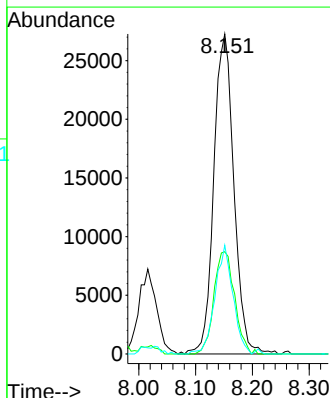
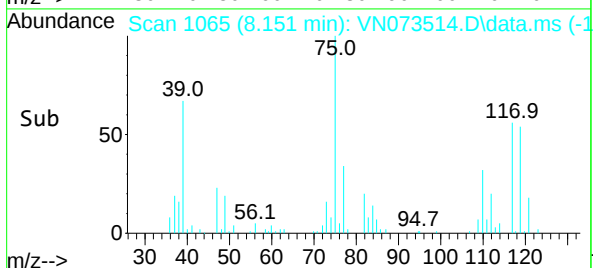
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

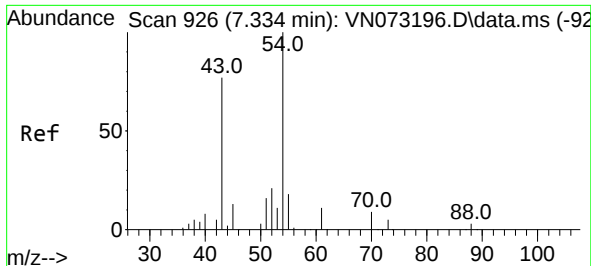


#36
1,1-Dichloropropene
Concen: 19.409 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15



Tgt Ion: 75 Resp: 67100
Ion Ratio Lower Upper
75 100
110 32.9 18.3 54.8
77 30.5 25.1 37.7





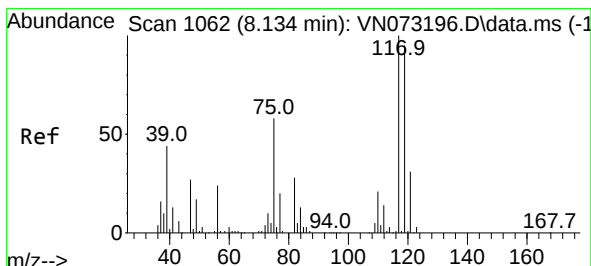
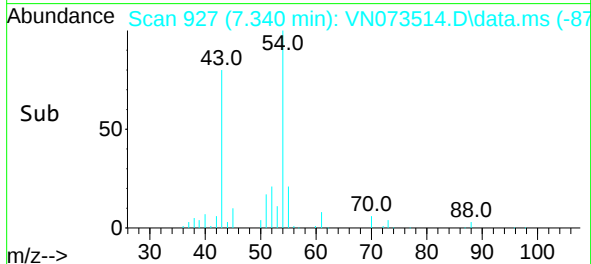
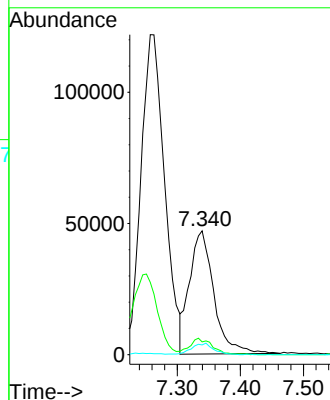
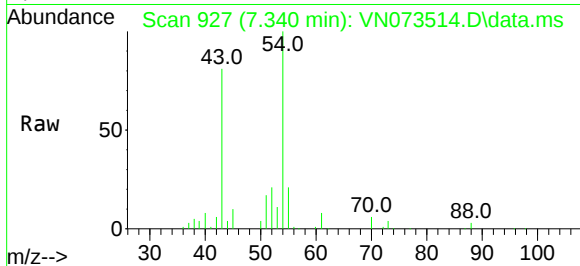
#37
Ethyl Acetate
Concen: 24.088 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion: 43 Resp: 125828
Ion Ratio Lower Upper
43 100
61 11.5 11.8 17.6
70 8.4 9.3 13.9

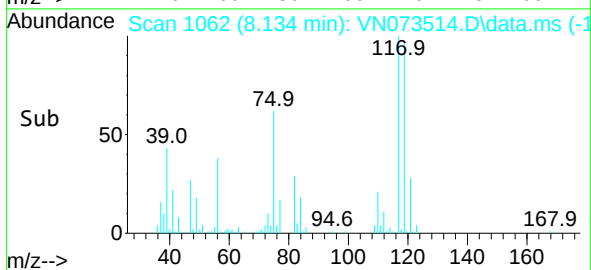
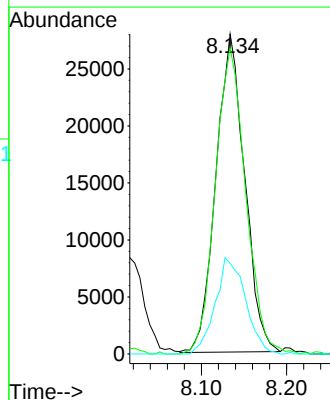
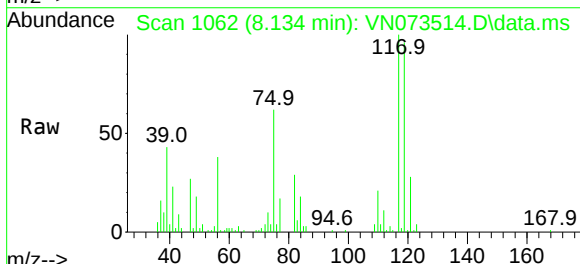
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#38
Carbon Tetrachloride
Concen: 18.253 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

Tgt Ion:117 Resp: 65257
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8
121 28.5 24.6 37.0





#39

Methylcyclohexane

Concen: 16.761 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073514.D

Acq: 19 Jul 2022 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

Tgt Ion: 83 Resp: 7214

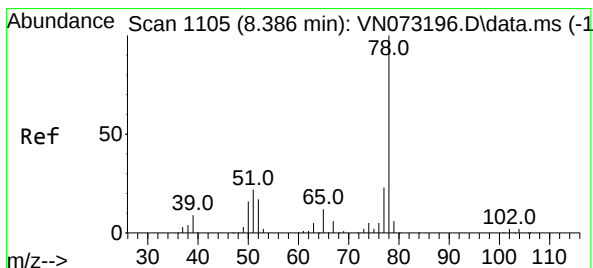
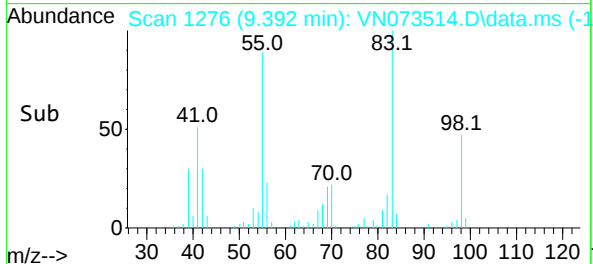
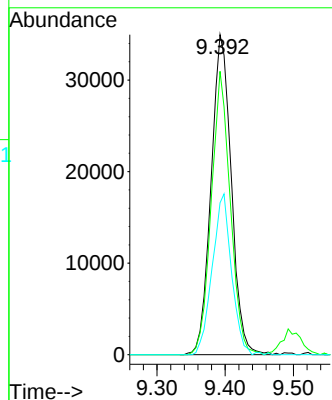
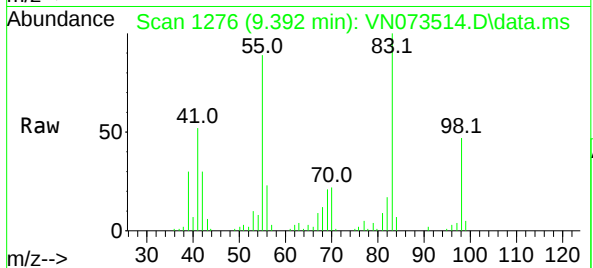
Ion	Ratio	Lower	Upper
83	100		
55	88.5	57.8	86.8
98	47.5	39.4	59.2

Manual Integrations

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Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#40

Benzene

Concen: 20.507 ug/l

RT: 8.387 min Scan# 1105

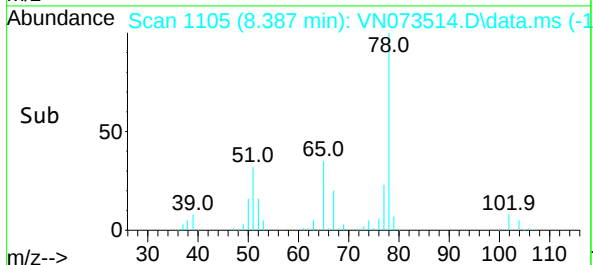
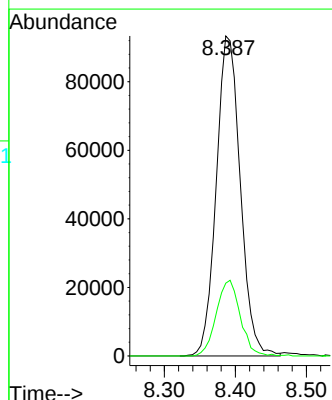
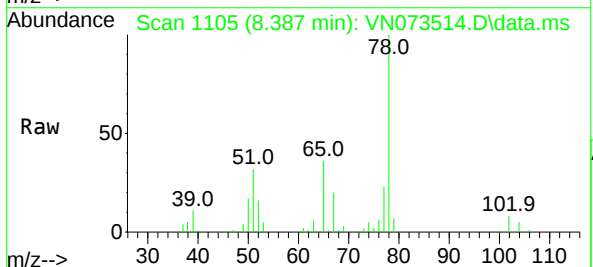
Delta R.T. 0.001 min

Lab File: VN073514.D

Acq: 19 Jul 2022 14:15

Tgt Ion: 78 Resp: 218800

Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.4	29.0





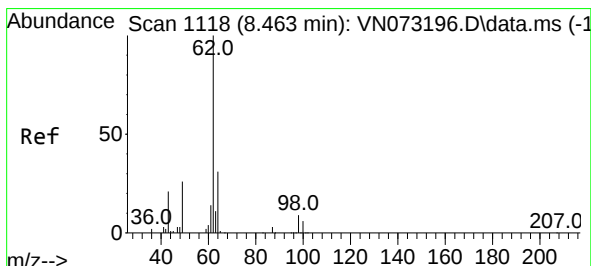
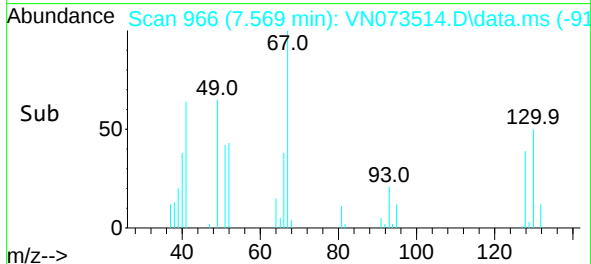
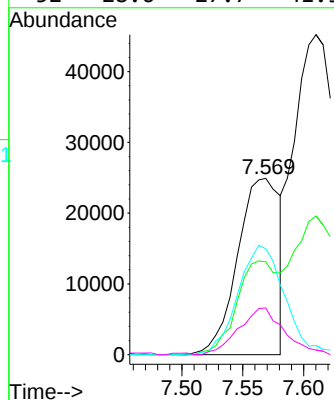
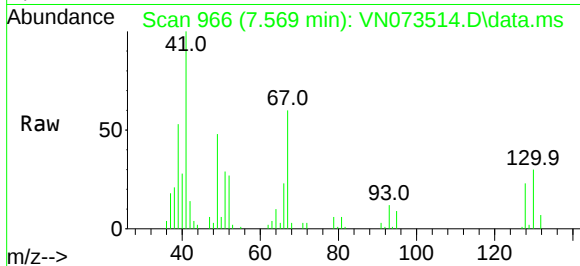
#41
Methacrylonitrile
Concen: 23.631 ug/l
RT: 7.569 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion: 41 Resp: 59860
Ion Ratio Lower Upper
41 100
39 53.0 48.6 73.0
67 69.9 73.4 110.2
52 28.6 27.7 41.5

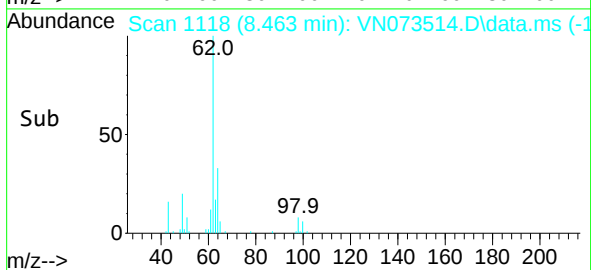
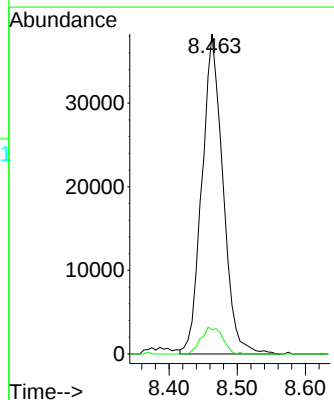
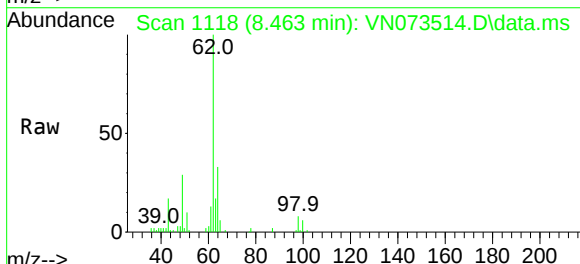
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#42
1,2-Dichloroethane
Concen: 21.233 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

Tgt Ion: 62 Resp: 82120
Ion Ratio Lower Upper
62 100
98 8.5 0.0 19.4





#43

Isopropyl Acetate

Concen: 23.057 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN073514.D

Acq: 19 Jul 2022 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

Tgt Ion: 43 Resp: 173098

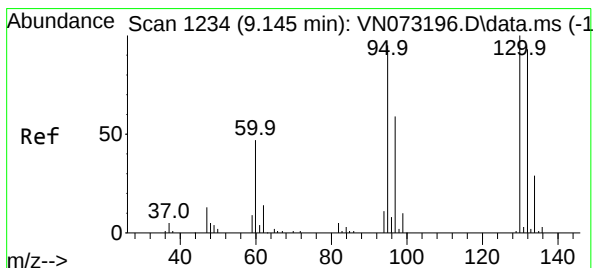
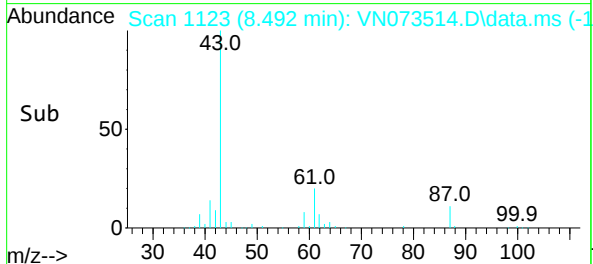
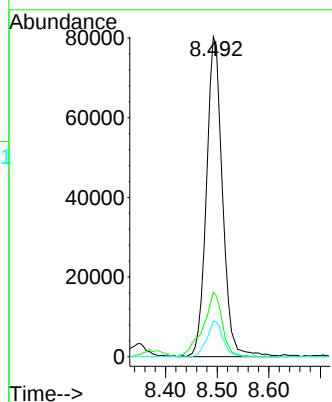
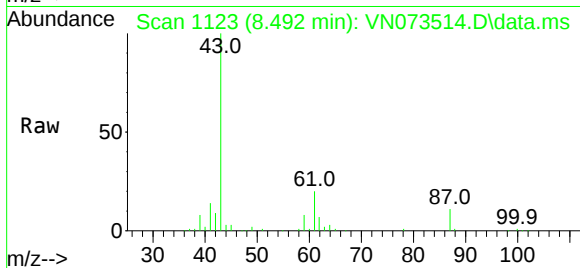
Ion	Ratio	Lower	Upper
43	100		
61	24.0	21.9	32.9
87	11.1	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#44

Trichloroethene

Concen: 19.332 ug/l

RT: 9.151 min Scan# 1235

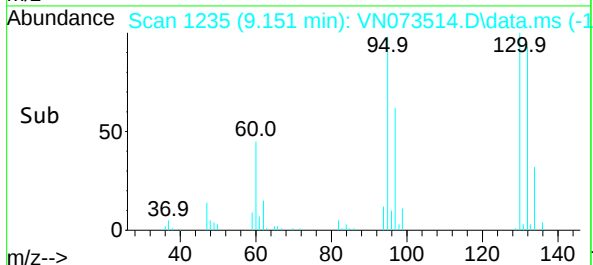
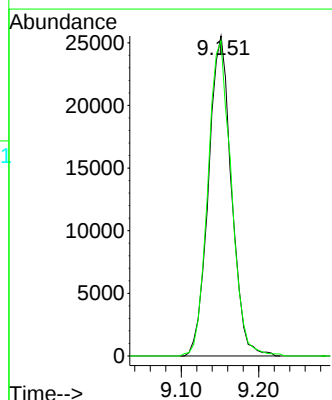
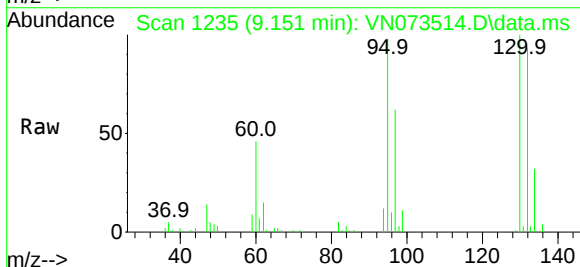
Delta R.T. 0.006 min

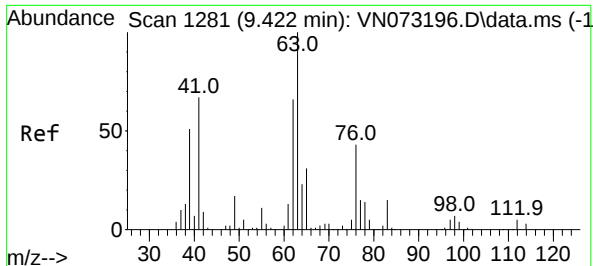
Lab File: VN073514.D

Acq: 19 Jul 2022 14:15

Tgt Ion:130 Resp: 52490

Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	186.8





#45

1,2-Dichloropropane

Concen: 22.484 ug/l

RT: 9.428 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VN073514.D

Acq: 19 Jul 2022 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

Tgt Ion: 63 Resp: 6114

Ion Ratio Lower Upper

63 100

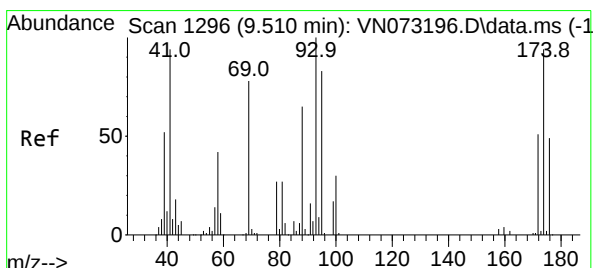
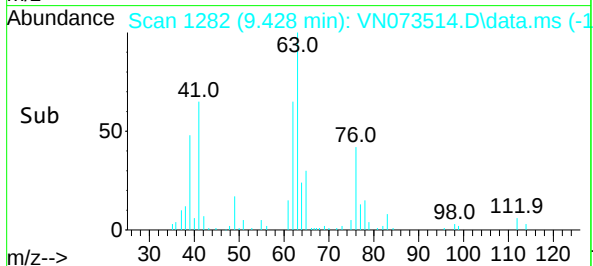
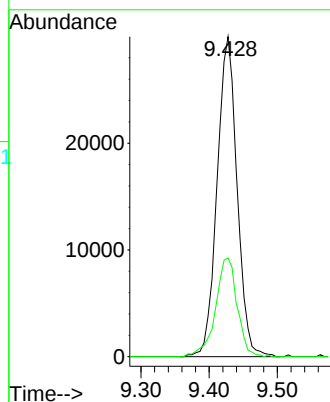
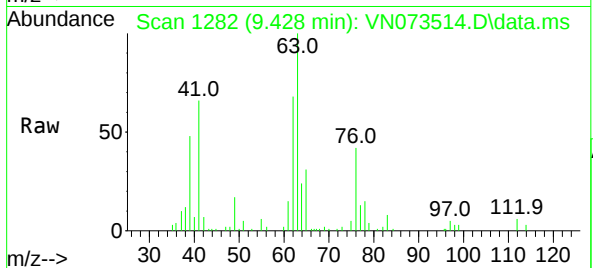
65 30.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#46

Dibromomethane

Concen: 21.431 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073514.D

Acq: 19 Jul 2022 14:15

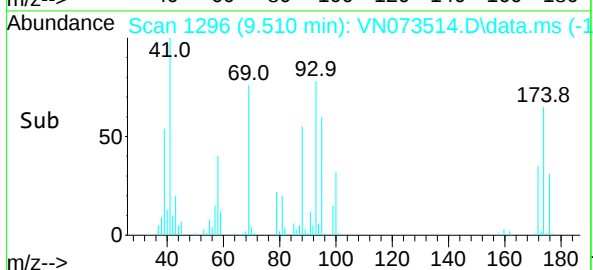
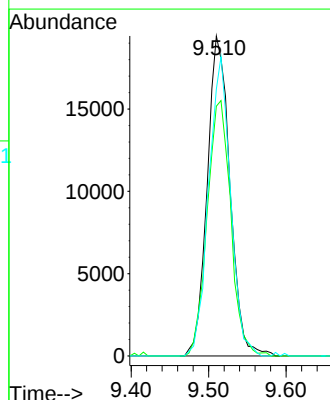
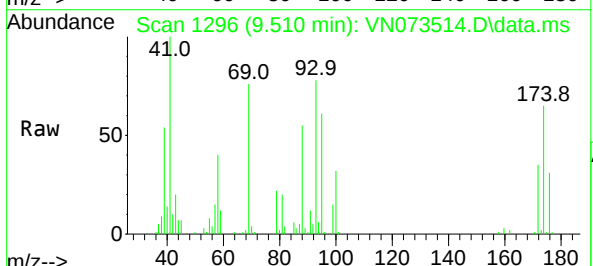
Tgt Ion: 93 Resp: 39571

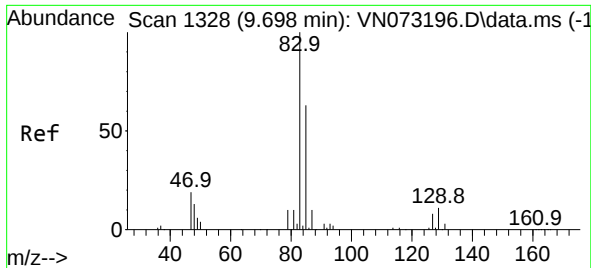
Ion Ratio Lower Upper

93 100

95 82.7 66.9 100.3

174 89.9 86.6 130.0





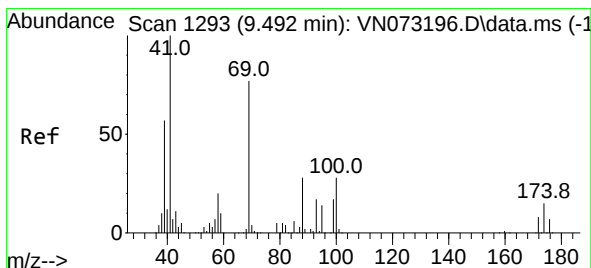
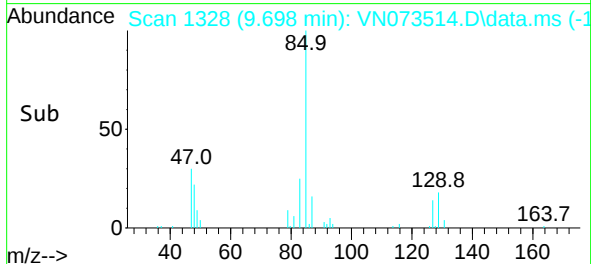
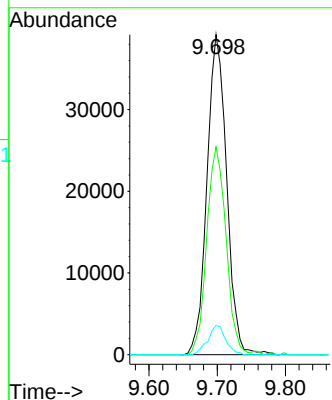
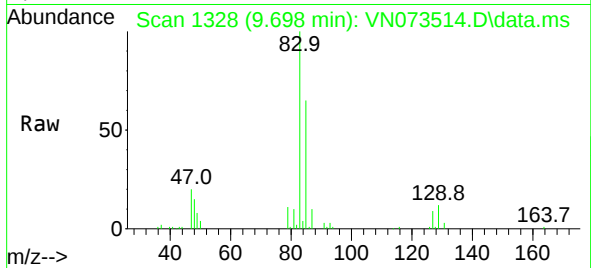
#47
Bromodichloromethane
Concen: 22.005 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion: 83 Resp: 7869
Ion Ratio Lower Upper
83 100
85 64.9 50.5 75.7
127 9.1 6.8 10.2

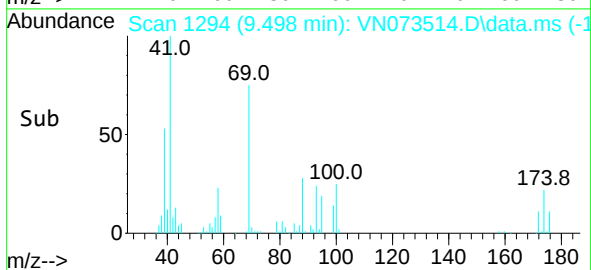
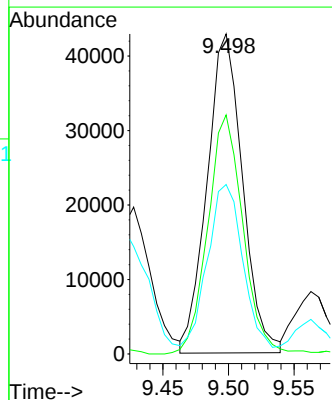
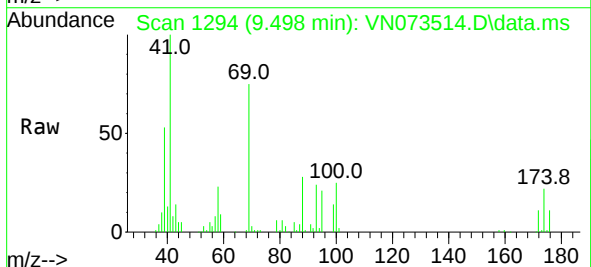
Manual Integrations
APPROVED

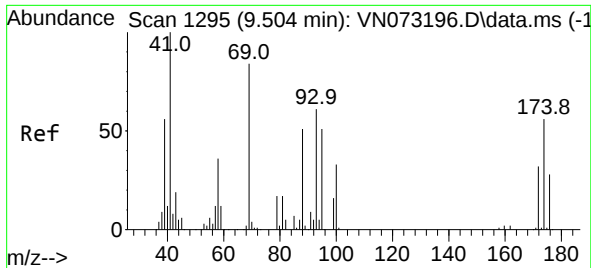
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#48
Methyl methacrylate
Concen: 23.183 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

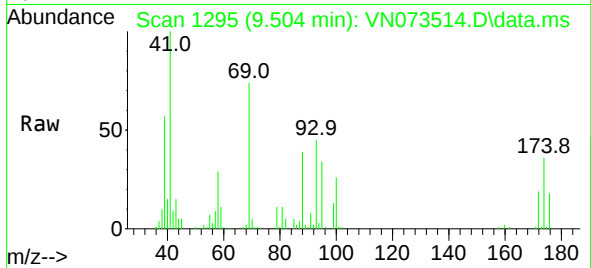
Tgt Ion: 41 Resp: 80583
Ion Ratio Lower Upper
41 100
69 74.5 74.7 112.1#
39 53.4 45.6 68.4





#49
1,4-Dioxane
Concen: 460.055 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

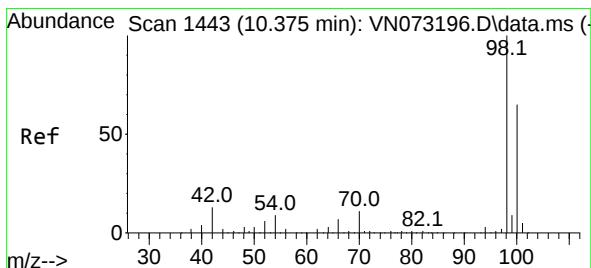
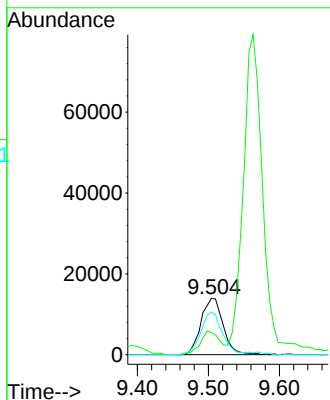
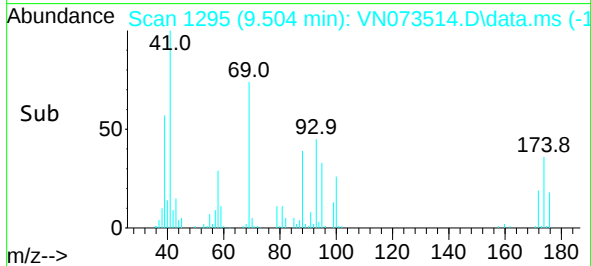
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



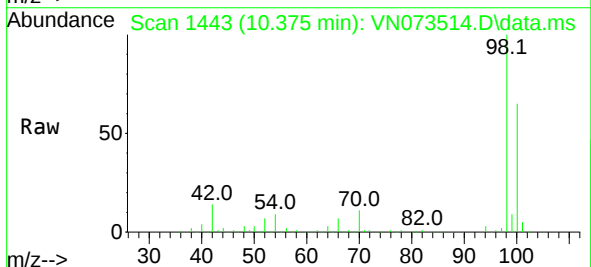
Tgt Ion: 88 Resp: 30358
Ion Ratio Lower Upper
88 100
43 35.9 20.2 30.4
58 72.9 54.2 81.4

Manual Integrations
APPROVED

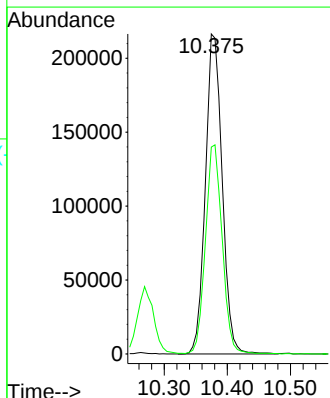
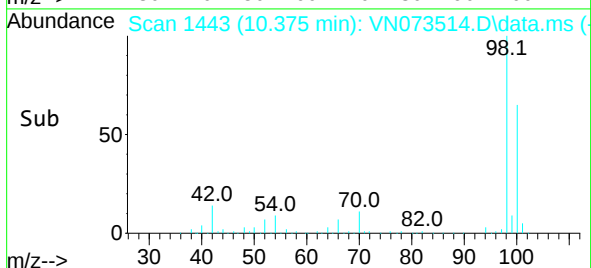
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

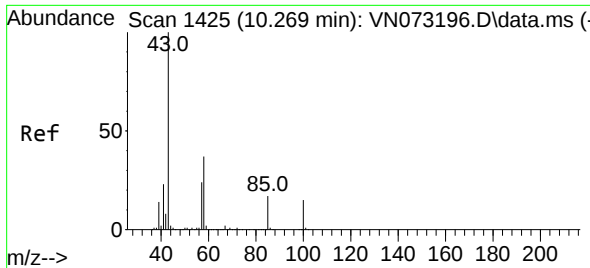


#50
Toluene-d8
Concen: 50.186 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15



Tgt Ion: 98 Resp: 400484
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8





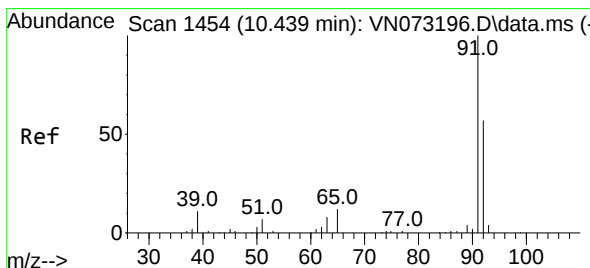
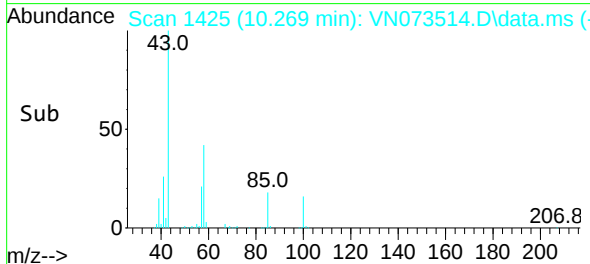
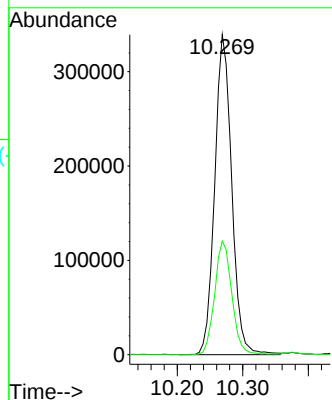
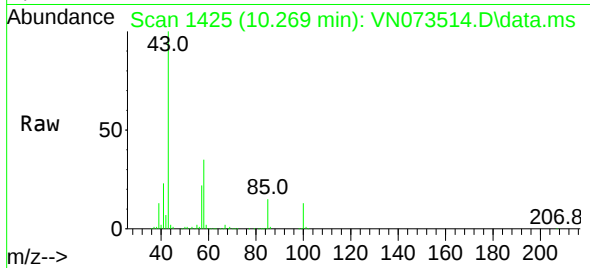
#51
4-Methyl-2-Pentanone
Concen: 128.101 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion: 43 Resp: 60986
Ion Ratio Lower Upper
43 100
58 36.0 34.1 51.1

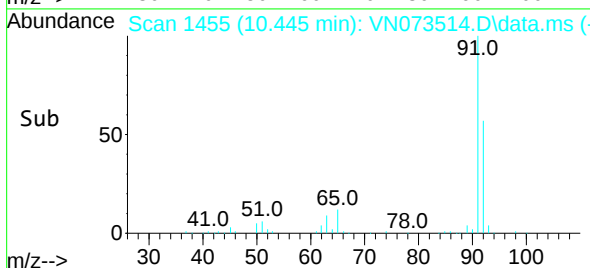
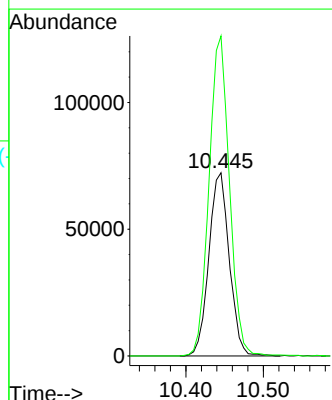
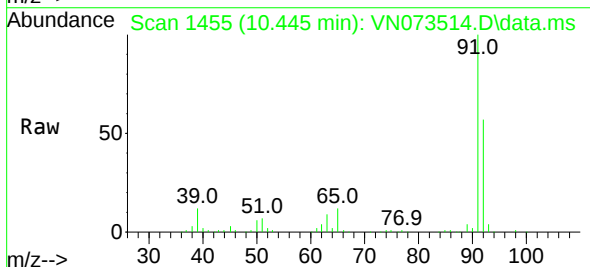
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#52
Toluene
Concen: 20.079 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

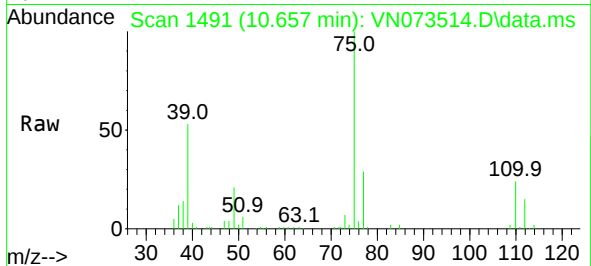
Tgt Ion: 92 Resp: 132393
Ion Ratio Lower Upper
92 100
91 173.8 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 20.222 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.000 min
 Lab File: VN073514.D
 Acq: 19 Jul 2022 14:15

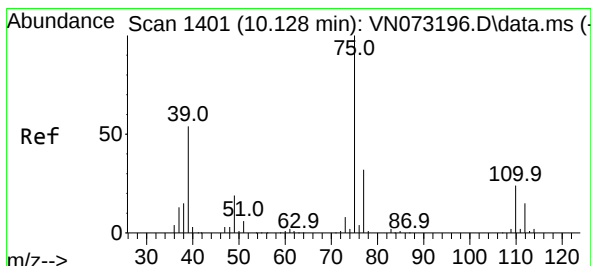
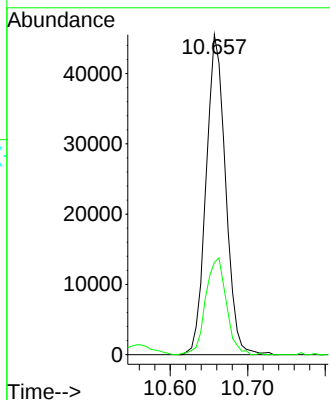
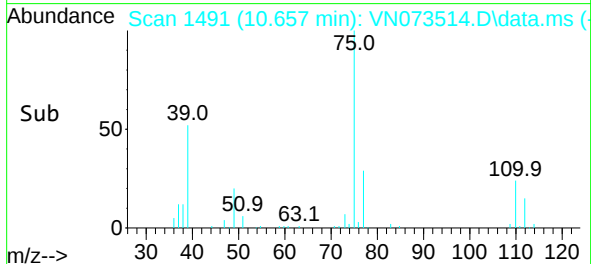
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01



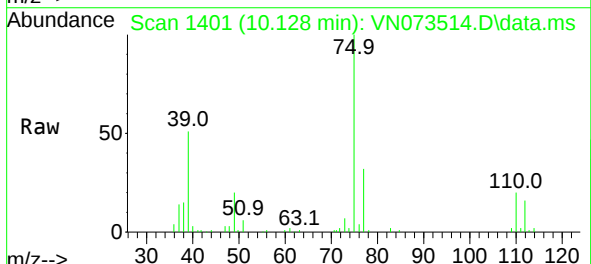
Tgt Ion: 75 Resp: 7961
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.6 38.4

Manual Integrations
 APPROVED

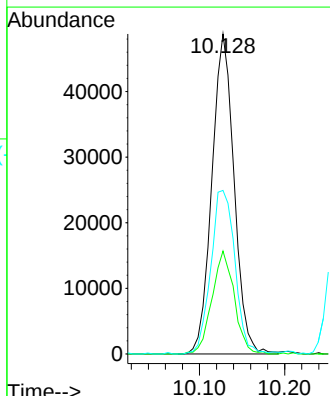
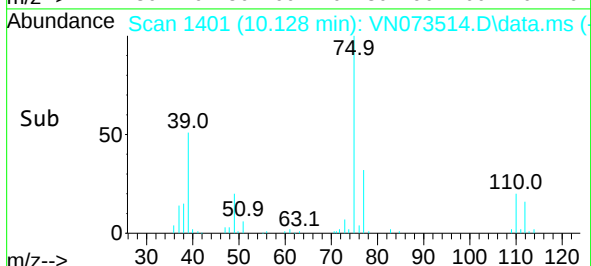
Reviewed By :John Carlone 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

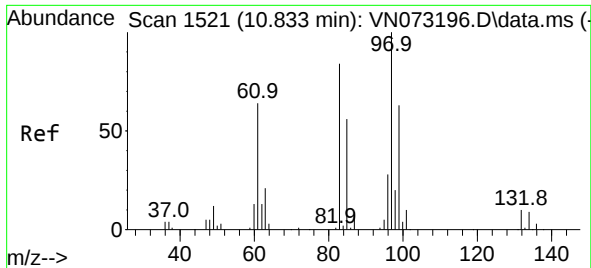


#54
 cis-1,3-Dichloropropene
 Concen: 20.817 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. -0.000 min
 Lab File: VN073514.D
 Acq: 19 Jul 2022 14:15



Tgt Ion: 75 Resp: 88478
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8
 39 51.1 35.7 53.5





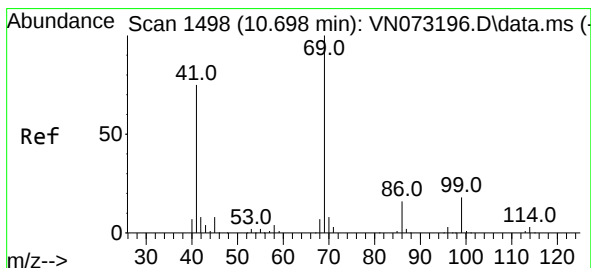
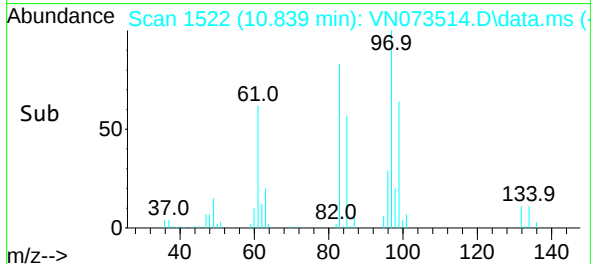
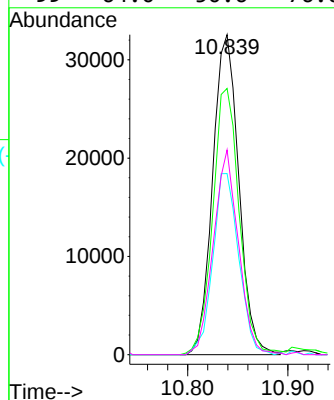
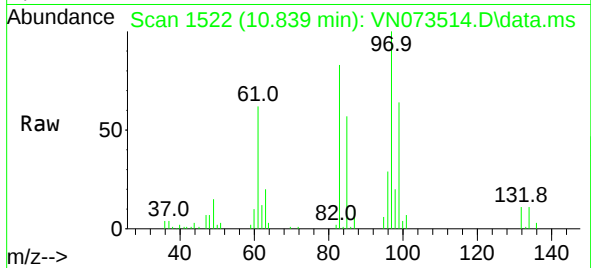
#55
1,1,2-Trichloroethane
Concen: 21.733 ug/l
RT: 10.839 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.2	66.2	99.4
85	56.6	43.9	65.9
99	64.0	50.6	76.0

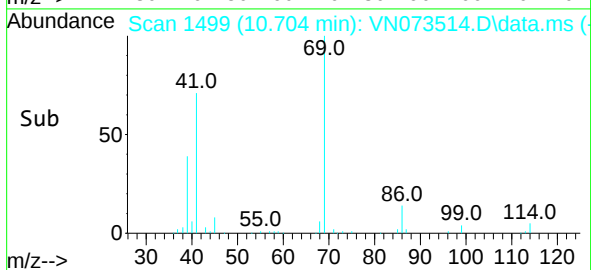
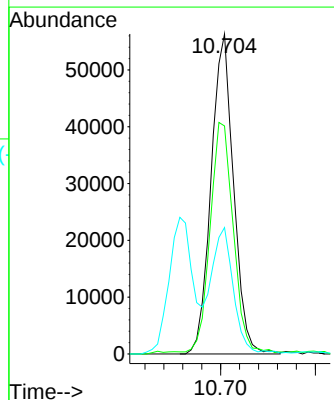
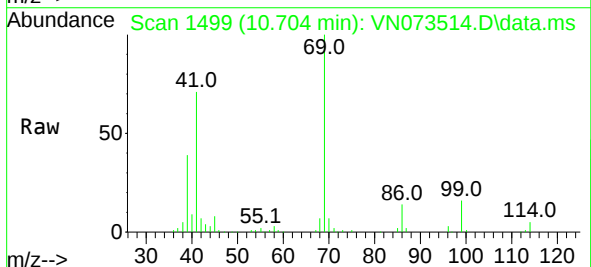
Manual Integrations
APPROVED

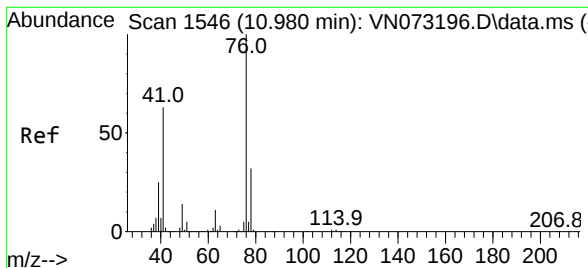
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#56
Ethyl methacrylate
Concen: 21.147 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

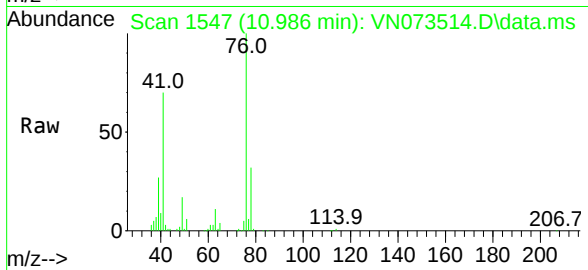
Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.6	47.8	71.6#
39	38.3	27.3	40.9





#57
1,3-Dichloropropane
Concen: 21.544 ug/l
RT: 10.986 min Scan# 1546
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

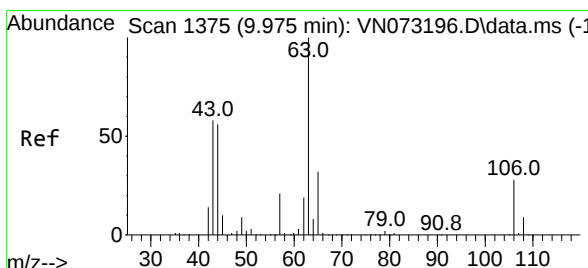
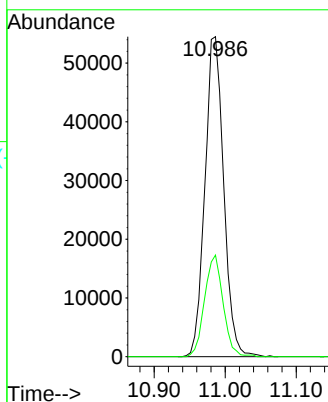
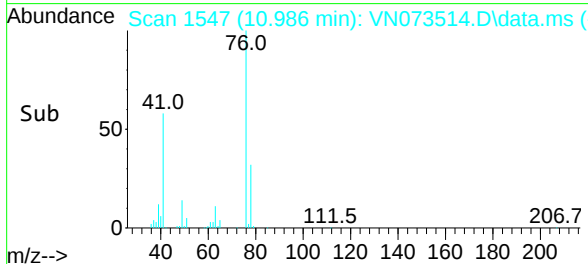
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion: 76 Resp: 100250
Ion Ratio Lower Upper
76 100
78 31.3 26.2 39.2

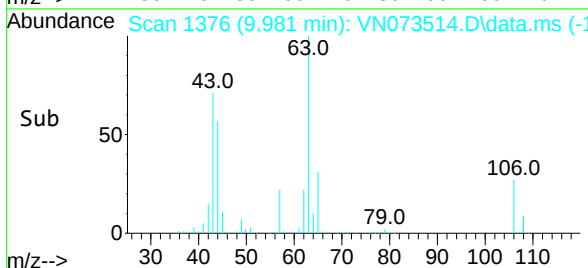
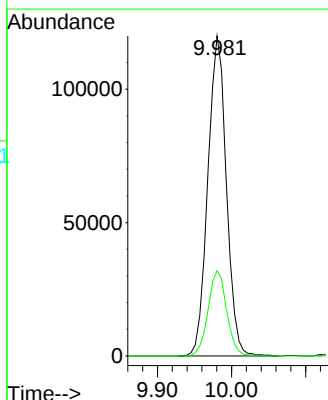
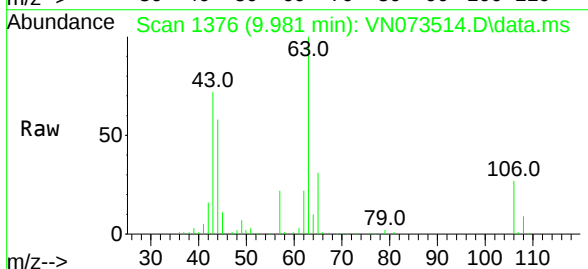
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#58
2-Chloroethyl Vinyl ether
Concen: 106.609 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

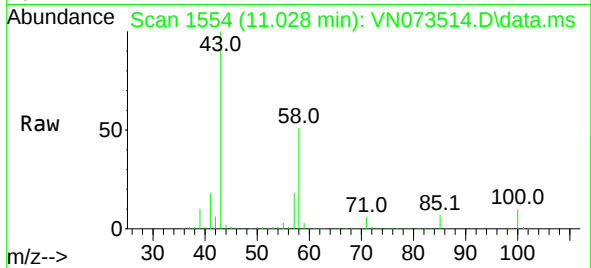
Tgt Ion: 63 Resp: 208607
Ion Ratio Lower Upper
63 100
106 26.7 24.6 36.8





#59
2-Hexanone
Concen: 126.640 ug/l
RT: 11.028 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

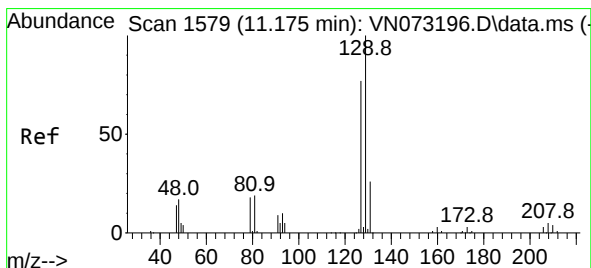
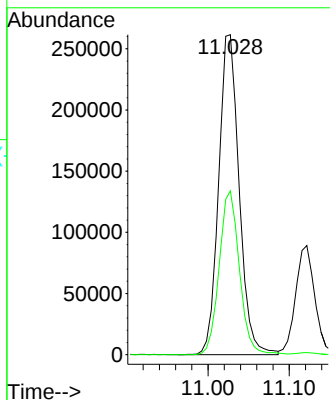
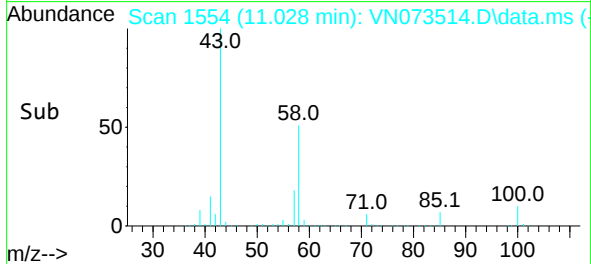
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion: 43 Resp: 45958
Ion Ratio Lower Upper
43 100
58 50.5 29.7 89.1

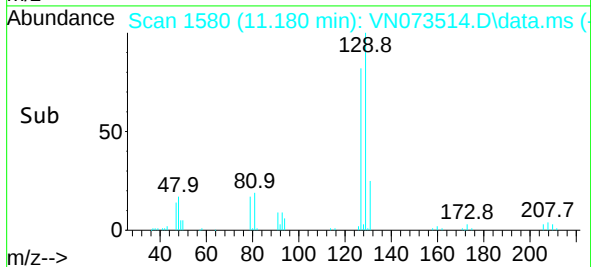
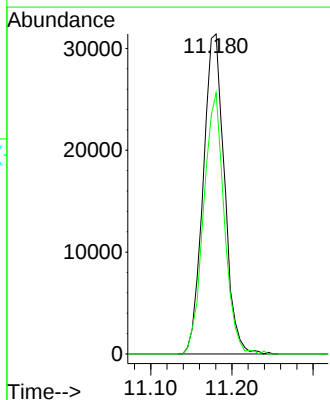
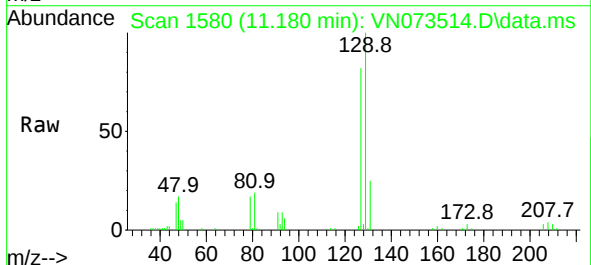
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#60
Dibromochloromethane
Concen: 22.067 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.005 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

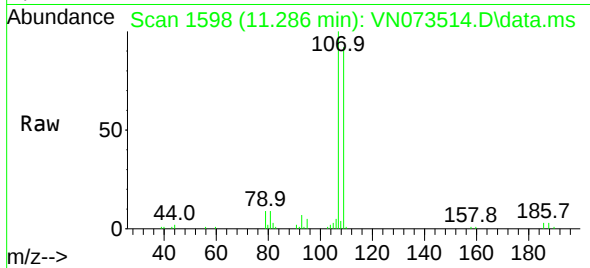
Tgt Ion:129 Resp: 57111
Ion Ratio Lower Upper
129 100
127 79.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.152 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

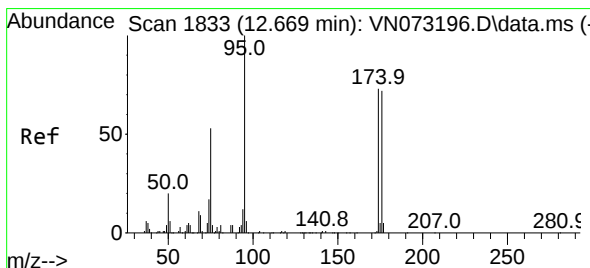
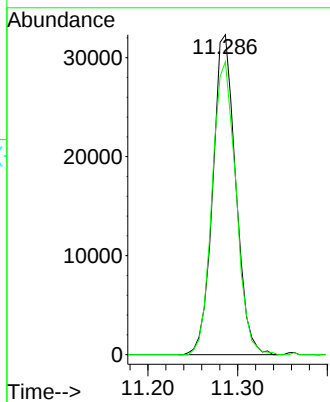
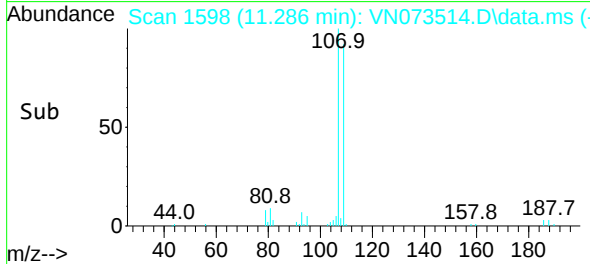
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



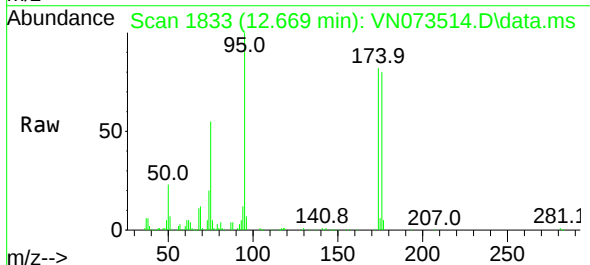
Tgt Ion:107 Resp: 57350
Ion Ratio Lower Upper
107 100
109 95.0 75.0 112.6

Manual Integrations
APPROVED

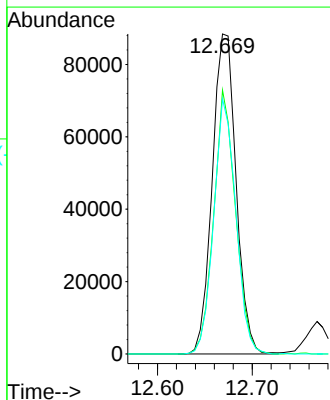
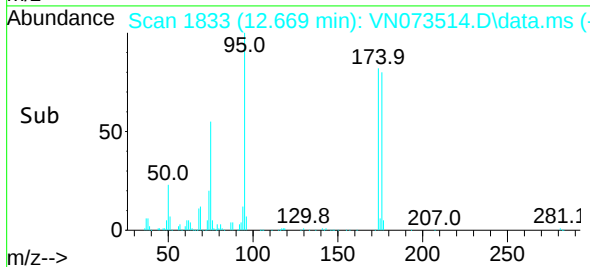
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

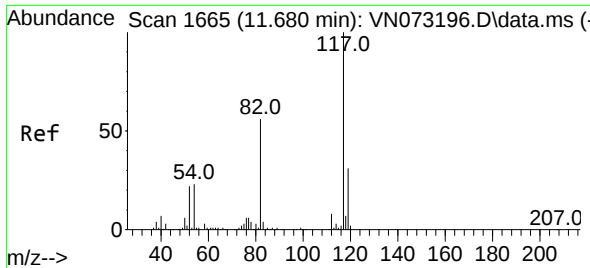


#62
4-Bromofluorobenzene
Concen: 50.430 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15



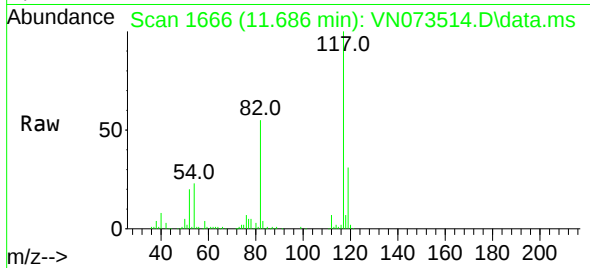
Tgt Ion: 95 Resp: 154651
Ion Ratio Lower Upper
95 100
174 75.3 0.0 167.6
176 74.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11666
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

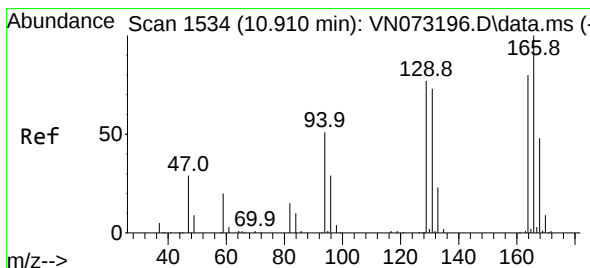
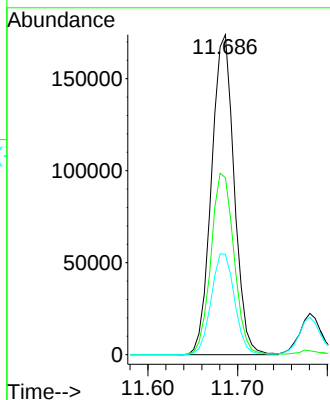
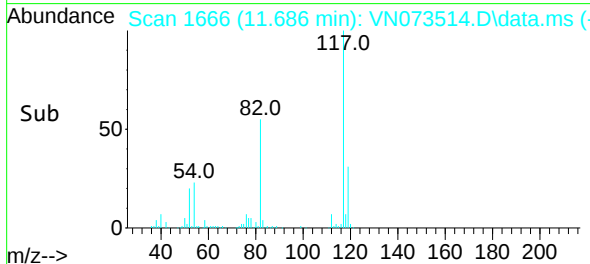
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion:117 Resp: 30491
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 31.3 25.4 38.0

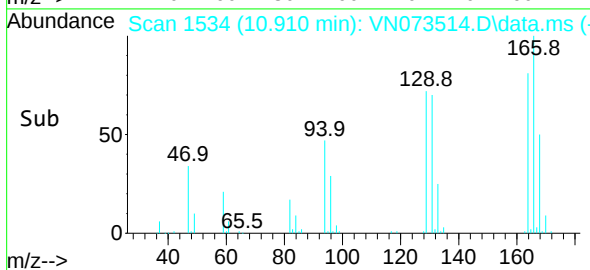
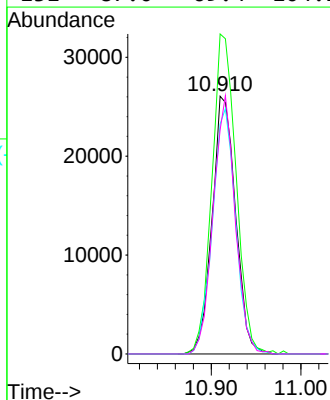
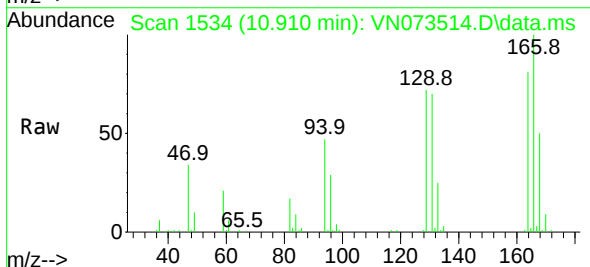
Manual Integrations
APPROVED

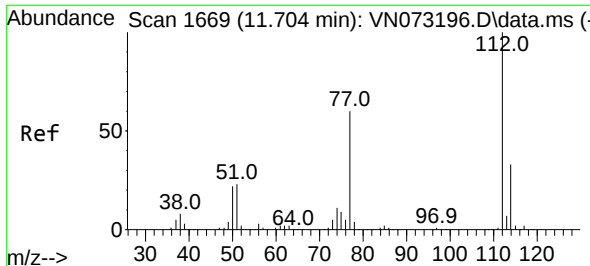
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#64
Tetrachloroethene
Concen: 18.983 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

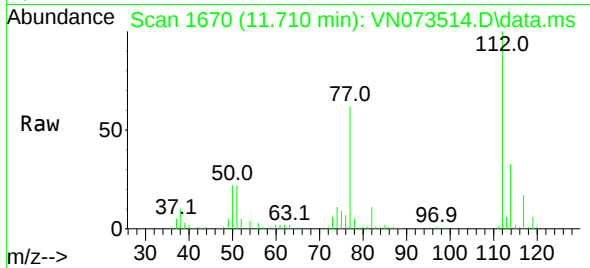
Tgt Ion:164 Resp: 47266
Ion Ratio Lower Upper
164 100
166 124.1 104.2 156.2
129 89.2 73.9 110.9
131 87.0 69.4 104.2





#65
Chlorobenzene
Concen: 19.752 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

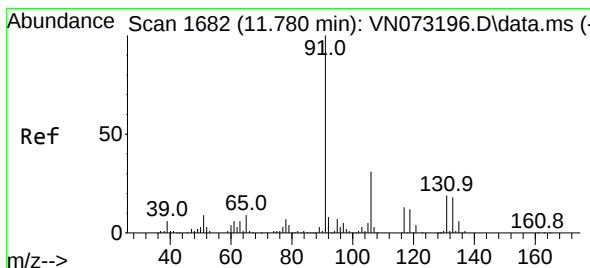
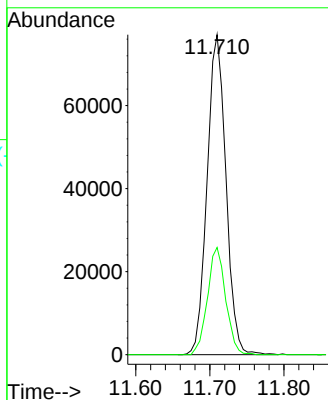
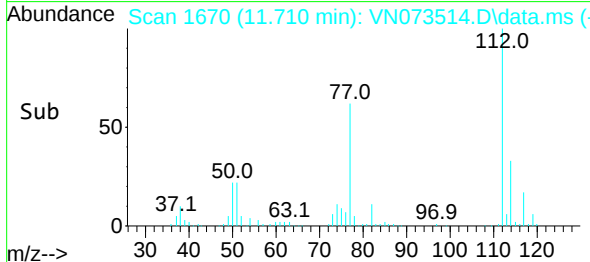
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



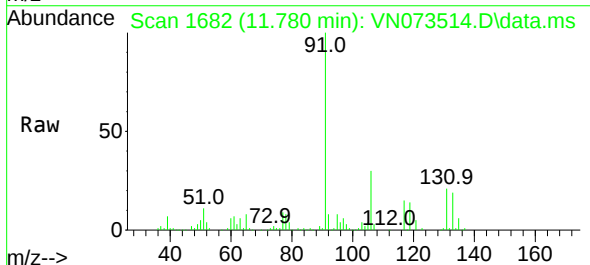
Tgt Ion:112 Resp: 13621
Ion Ratio Lower Upper
112 100
114 33.5 25.4 38.2

Manual Integrations
APPROVED

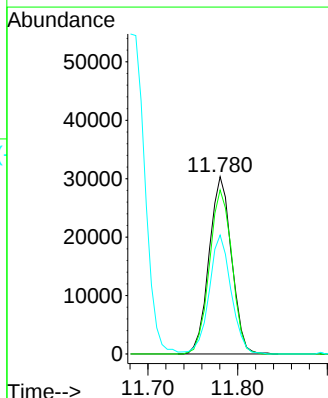
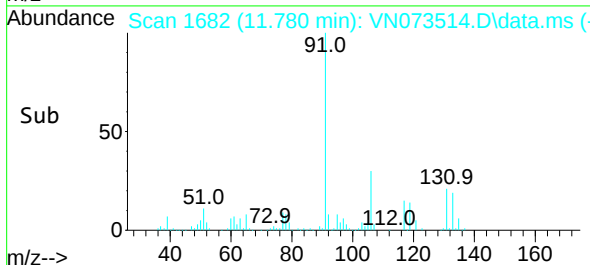
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.772 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15



Tgt Ion:131 Resp: 52688
Ion Ratio Lower Upper
131 100
133 92.5 47.8 143.4
119 65.7 33.4 100.2





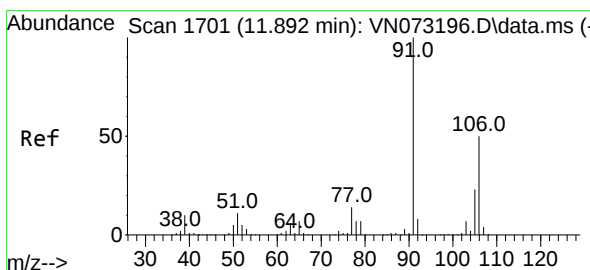
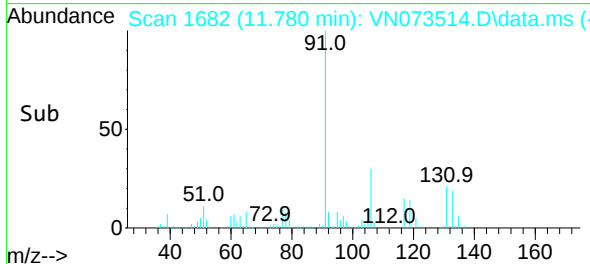
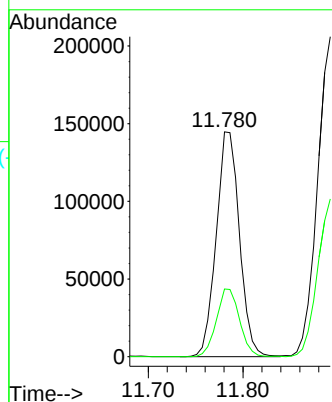
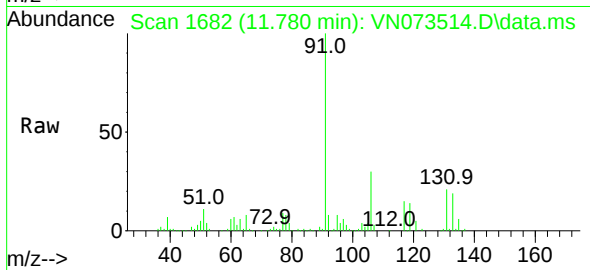
#67
Ethyl Benzene
Concen: 19.725 ug/l
RT: 11.780 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion: 91 Resp: 246949
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3

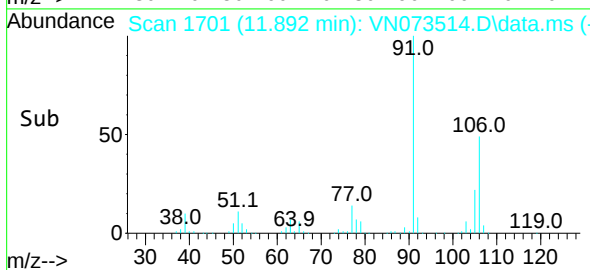
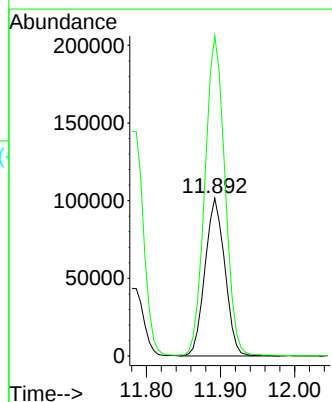
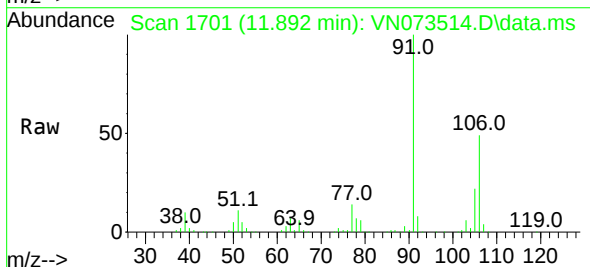
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#68
m/p-Xylenes
Concen: 39.968 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

Tgt Ion:106 Resp: 188845
Ion Ratio Lower Upper
106 100
91 204.8 158.9 238.3





#69

o-Xylene

Concen: 19.216 ug/l

RT: 12.222 min Scan# 1756

Delta R.T. 0.006 min

Lab File: VN073514.D

Acq: 19 Jul 2022 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

Tgt Ion:106 Resp: 92690

Ion Ratio Lower Upper

106 100

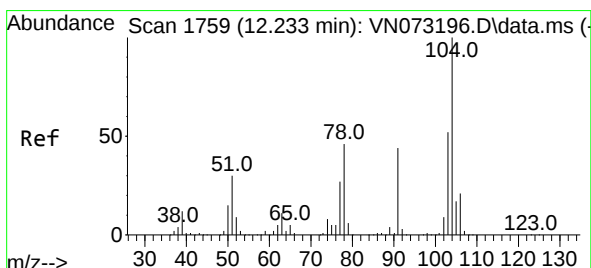
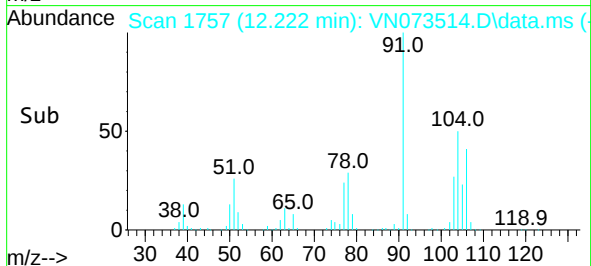
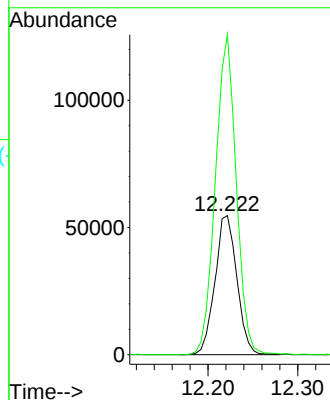
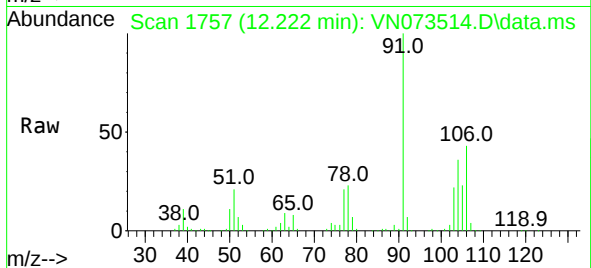
91 219.2 106.0 318.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#70

Styrene

Concen: 20.468 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN073514.D

Acq: 19 Jul 2022 14:15

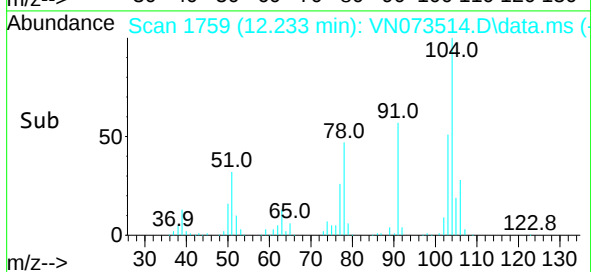
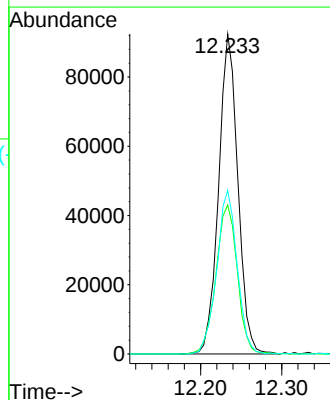
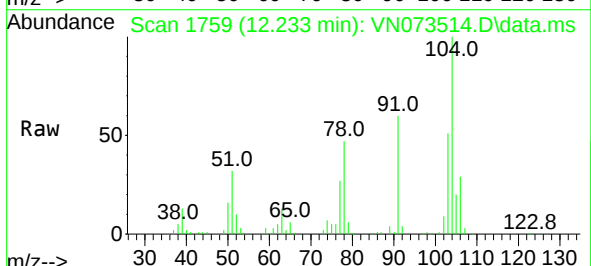
Tgt Ion:104 Resp: 152426

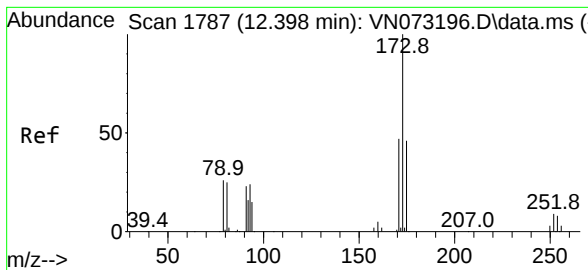
Ion Ratio Lower Upper

104 100

78 51.8 39.5 59.3

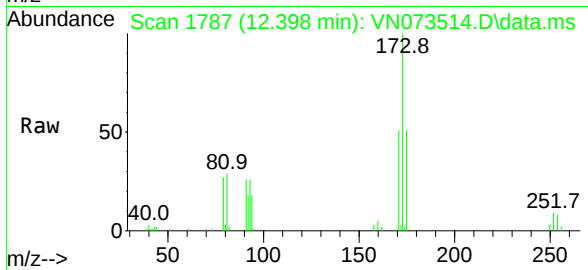
103 54.3 44.0 66.0





#71
Bromoform
Concen: 21.429 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

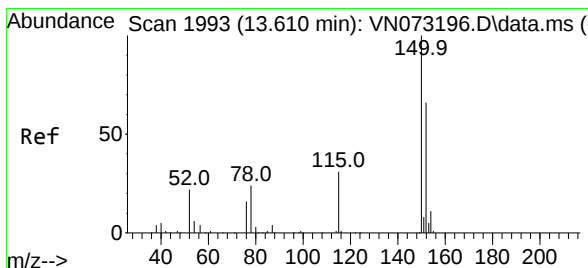
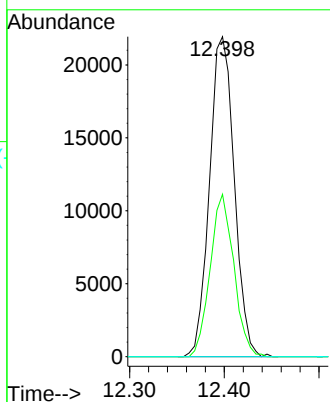
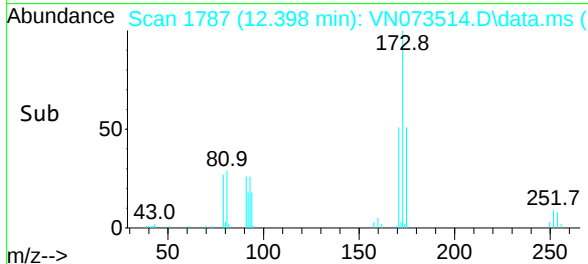
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



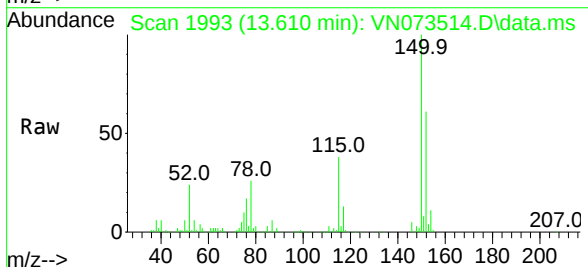
Tgt Ion:173 Resp: 3977
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
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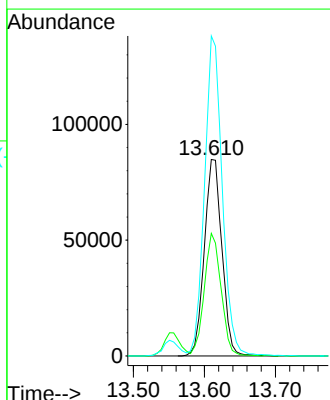
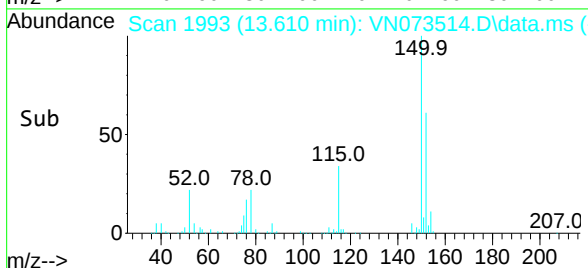
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

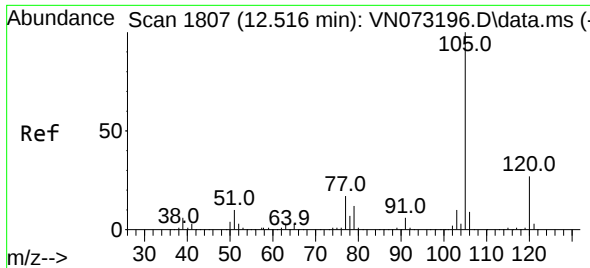


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15



Tgt Ion:152 Resp: 146460
Ion Ratio Lower Upper
152 100
115 59.5 28.9 86.7
150 163.9 0.0 356.2





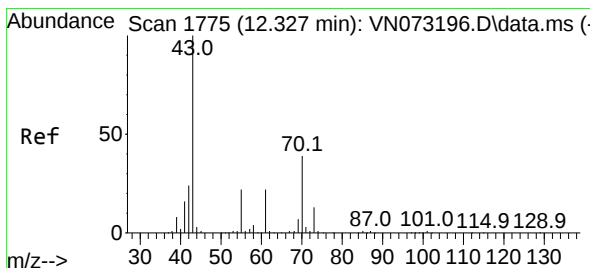
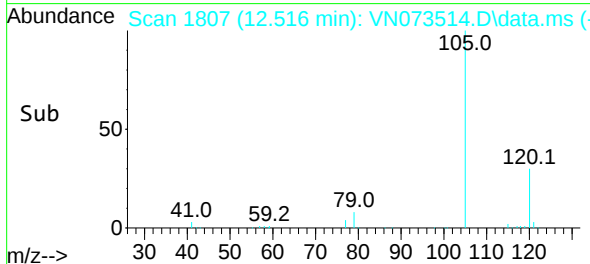
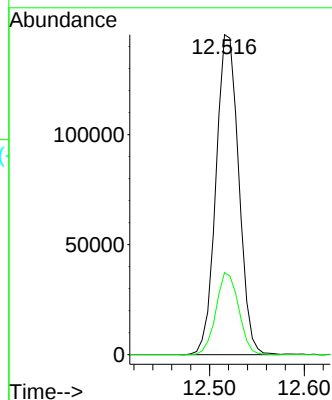
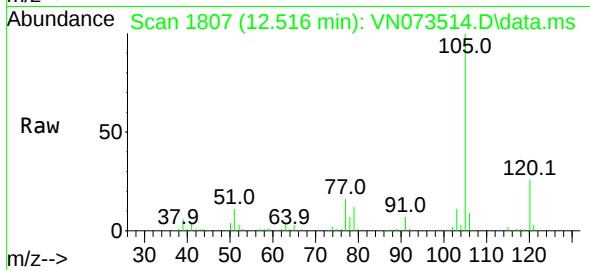
#73
Isopropylbenzene
Concen: 19.223 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion:105 Resp: 24312
Ion Ratio Lower Upper
105 100
120 25.5 13.5 40.4

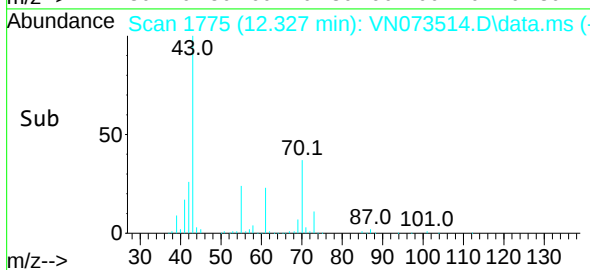
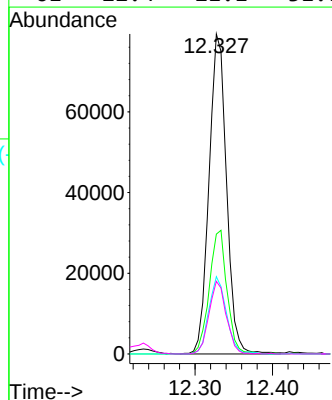
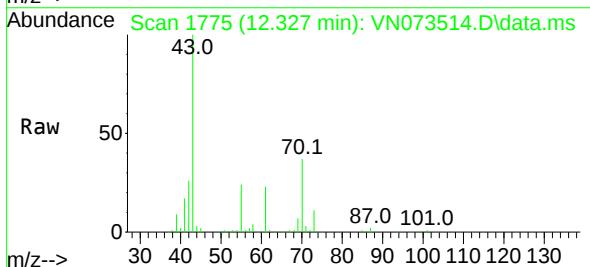
Manual Integrations
APPROVED

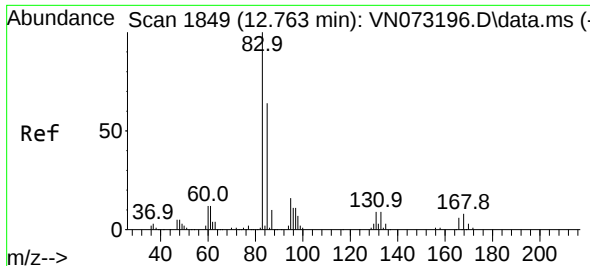
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#74
N-ethyl acetate
Concen: 19.666 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

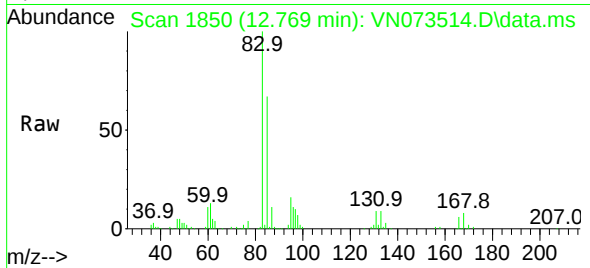
Tgt Ion: 43 Resp: 124544
Ion Ratio Lower Upper
43 100
70 39.0 39.0 58.4
55 24.2 21.1 31.7
61 22.4 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 22.123 ug/l
RT: 12.769 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

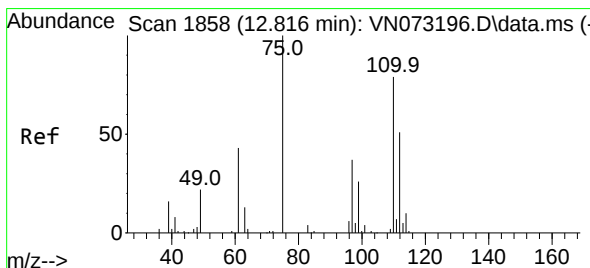
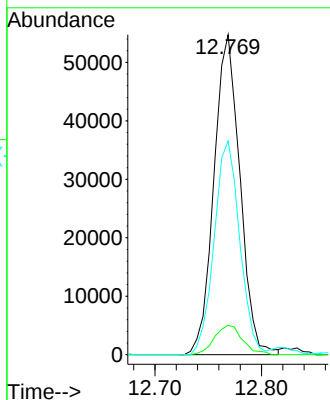
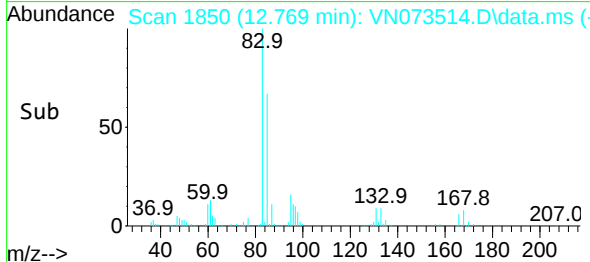
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion: 83 Resp: 92848
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.9
85 65.5 32.3 96.9

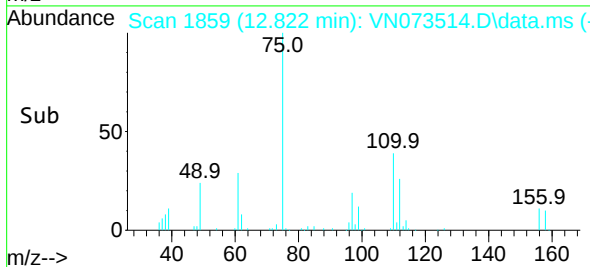
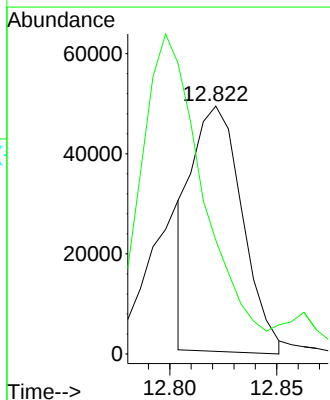
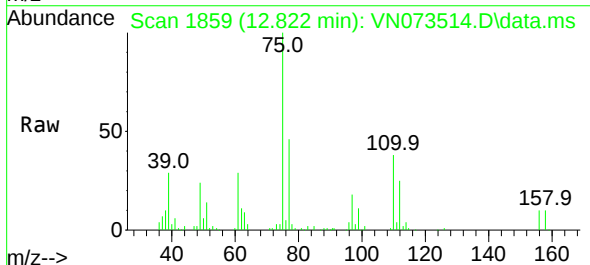
Manual Integrations
APPROVED

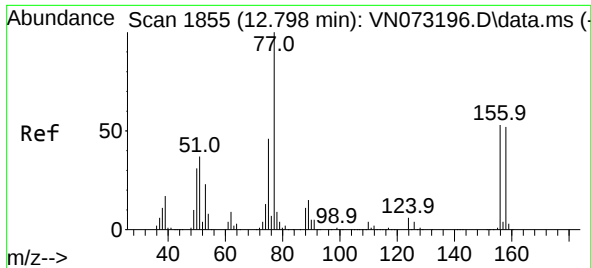
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#76
1,2,3-Trichloropropane
Concen: 20.959 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

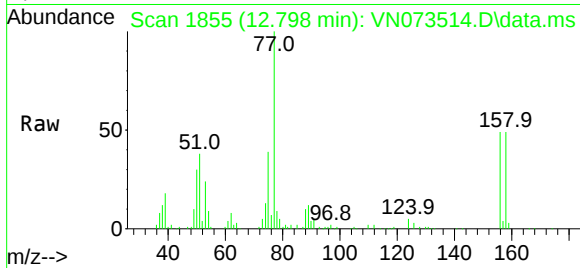
Tgt Ion: 75 Resp: 80267
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 18.918 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

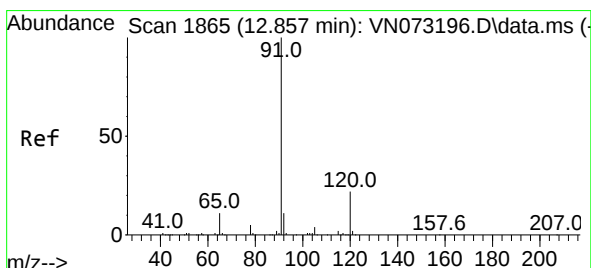
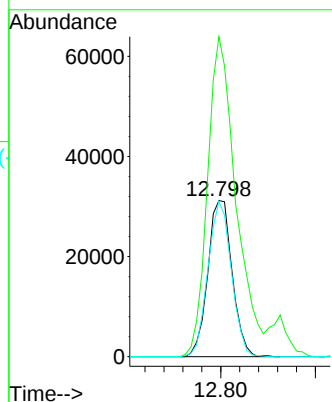
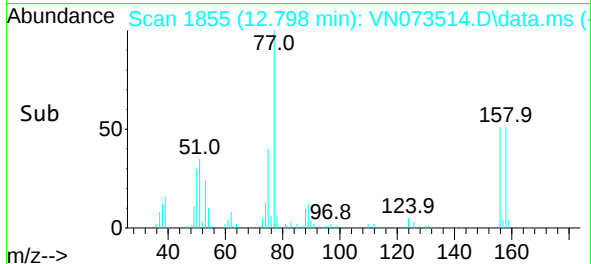
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



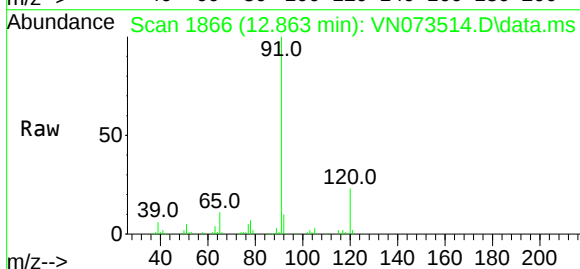
Tgt Ion:156 Resp: 55628
Ion Ratio Lower Upper
156 100
77 239.3 100.5 301.5
158 95.9 48.9 146.6

Manual Integrations
APPROVED

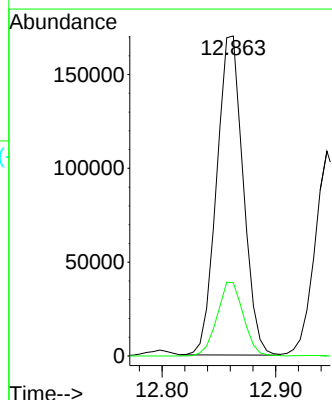
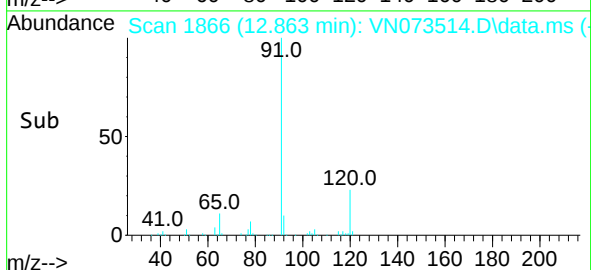
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

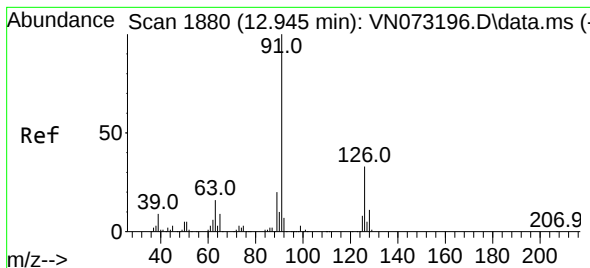


#78
n-propylbenzene
Concen: 19.655 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15



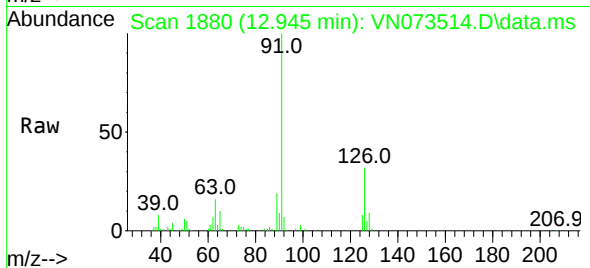
Tgt Ion: 91 Resp: 276159
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.5





#79
2-Chlorotoluene
Concen: 19.922 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

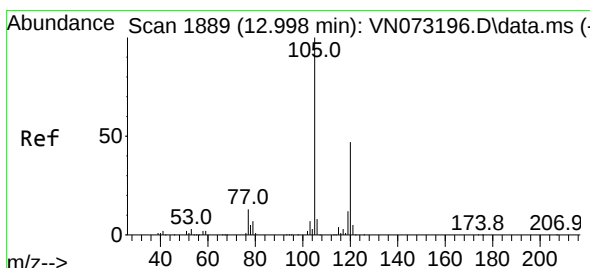
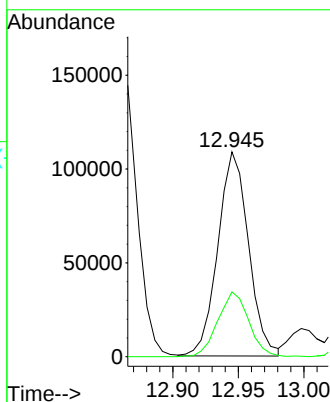
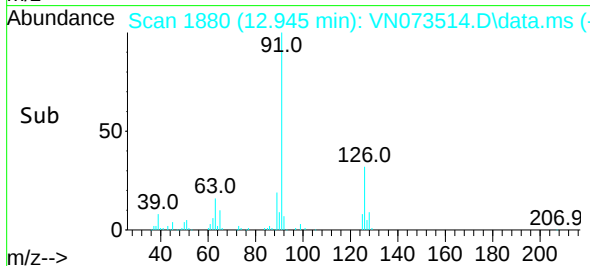
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



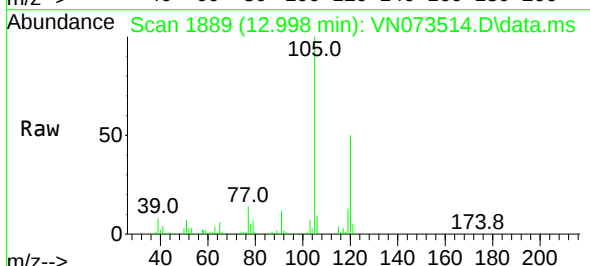
Tgt Ion: 91 Resp: 17715
Ion Ratio Lower Upper
91 100
126 32.0 17.3 51.9

Manual Integrations
APPROVED

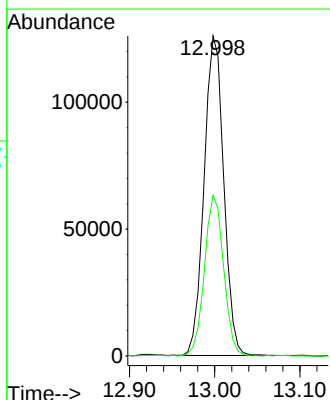
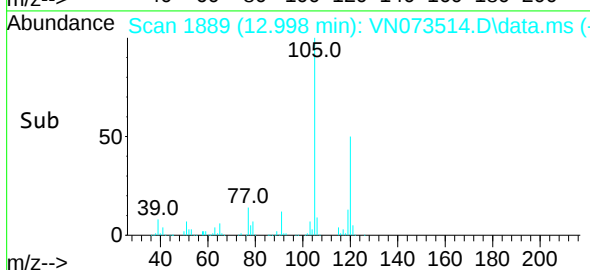
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.626 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15



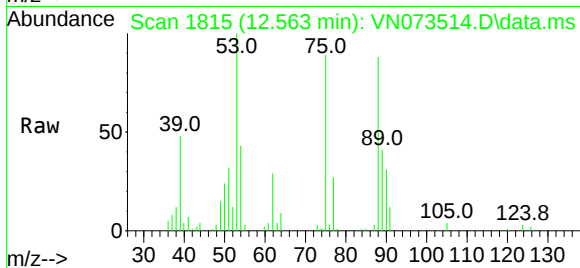
Tgt Ion:105 Resp: 202322
Ion Ratio Lower Upper
105 100
120 49.0 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 19.331 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

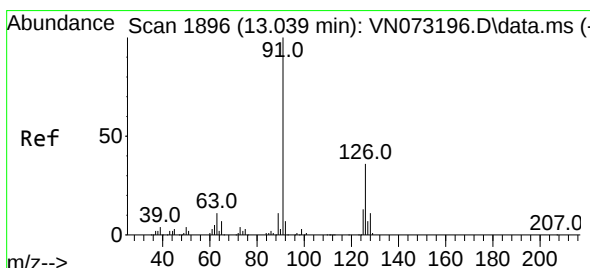
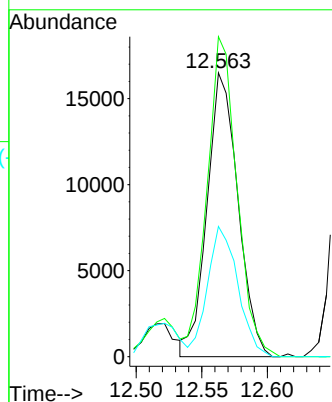
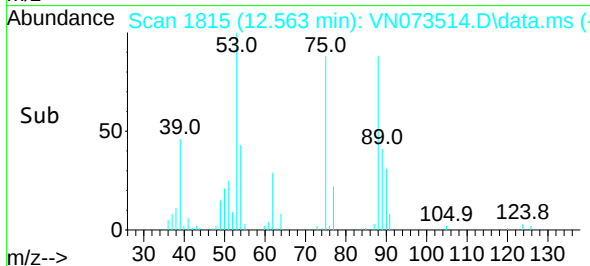
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



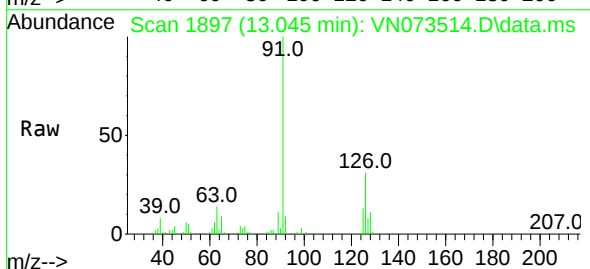
Tgt Ion: 75 Resp: 26994
Ion Ratio Lower Upper
75 100
53 109.5 78.0 117.0
89 45.0 37.2 55.8

Manual Integrations
APPROVED

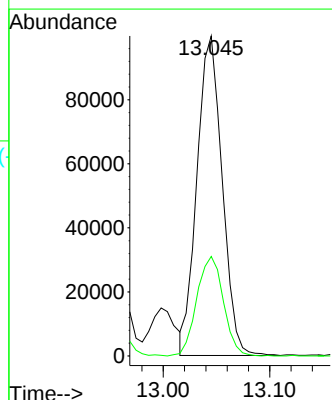
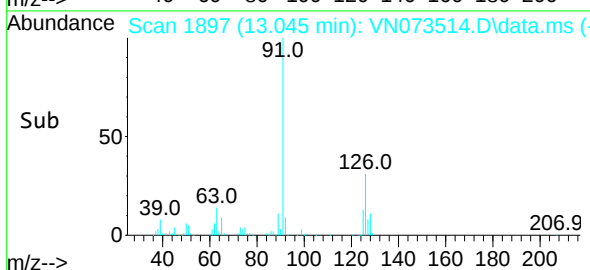
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#82
4-Chlorotoluene
Concen: 19.072 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15



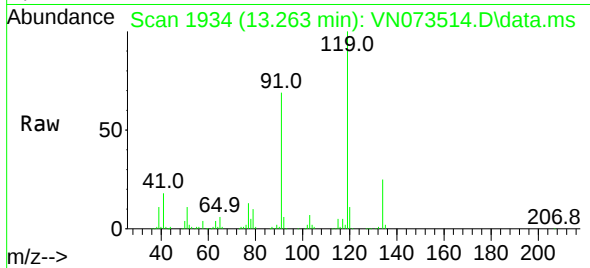
Tgt Ion: 91 Resp: 164189
Ion Ratio Lower Upper
91 100
126 32.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 18.930 ug/l
RT: 13.263 min Scan# 1933
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

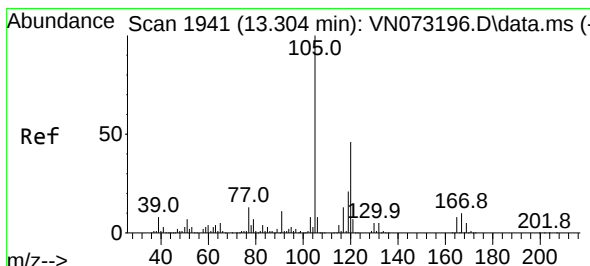
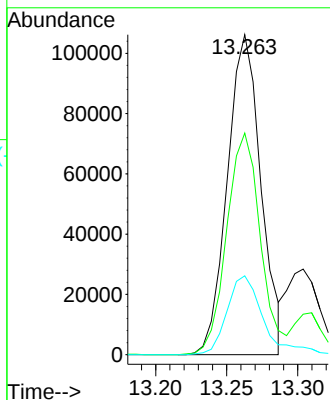
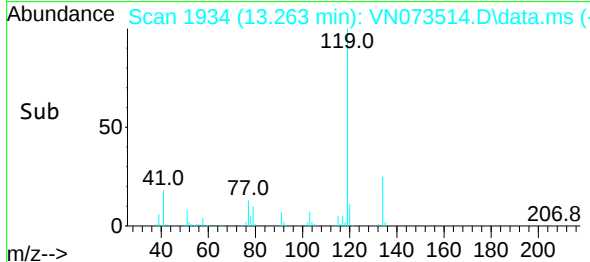
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



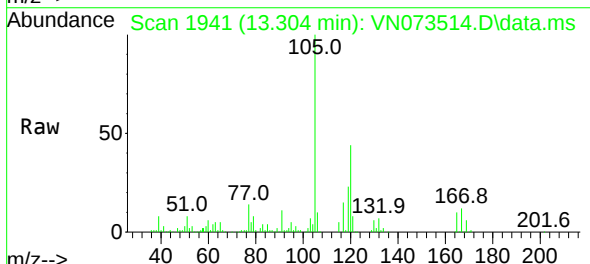
Tgt Ion:119 Resp: 17494
Ion Ratio Lower Upper
119 100
91 69.6 31.6 94.8
134 26.7 13.7 41.1

Manual Integrations
APPROVED

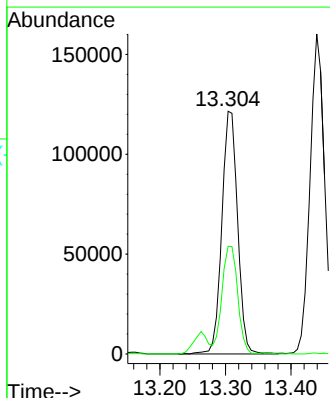
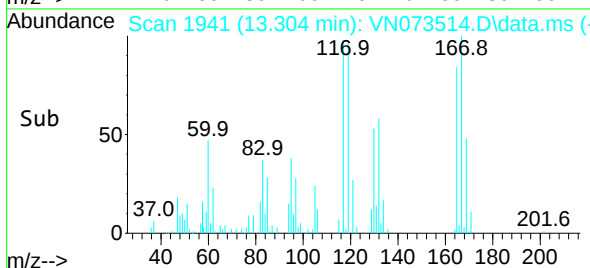
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

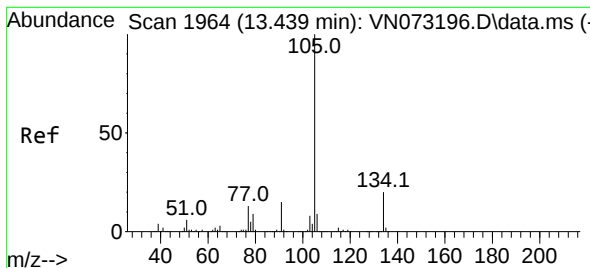


#84
1,2,4-Trimethylbenzene
Concen: 19.651 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15



Tgt Ion:105 Resp: 202252
Ion Ratio Lower Upper
105 100
120 43.6 23.3 69.8





#85

sec-Butylbenzene

Concen: 20.029 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073514.D

Acq: 19 Jul 2022 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

Tgt Ion:105 Resp: 248558

Ion Ratio Lower Upper

105 100

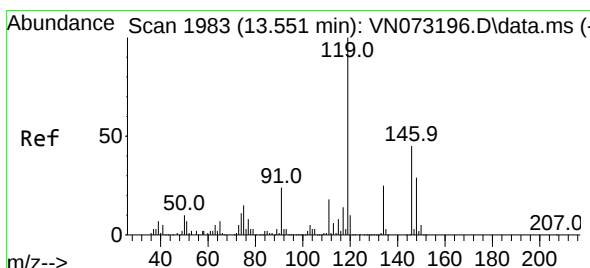
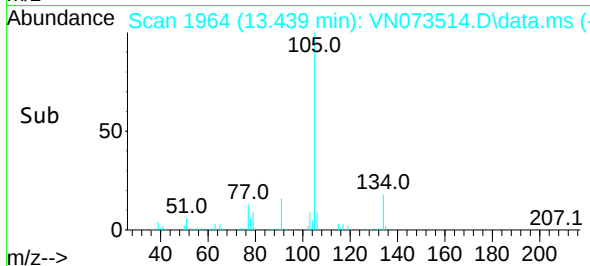
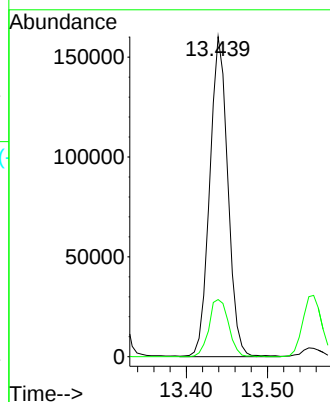
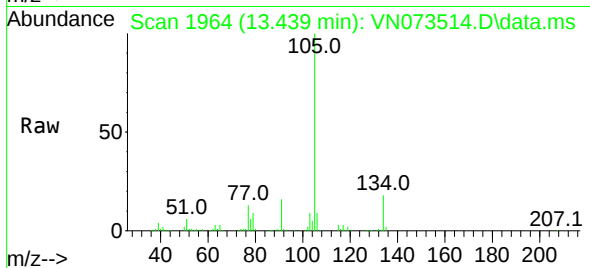
134 19.3 10.4 31.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#86

p-Isopropyltoluene

Concen: 19.223 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.006 min

Lab File: VN073514.D

Acq: 19 Jul 2022 14:15

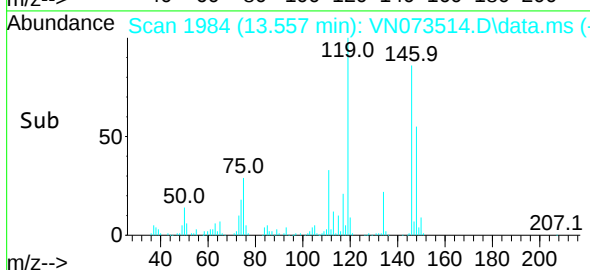
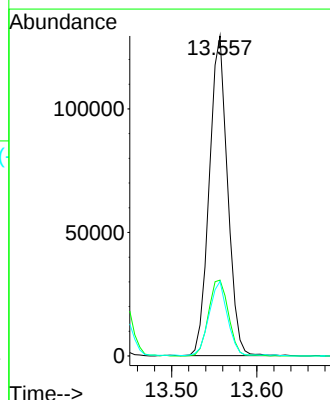
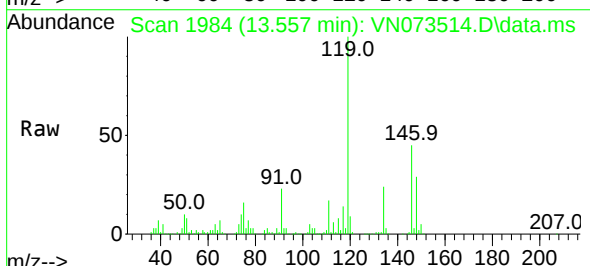
Tgt Ion:119 Resp: 192705

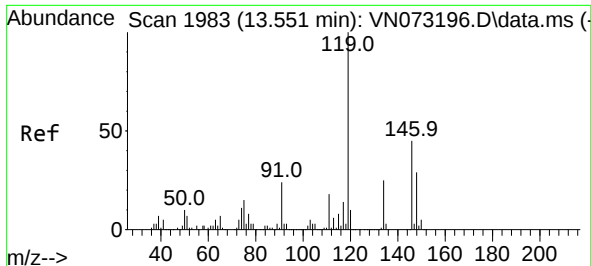
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

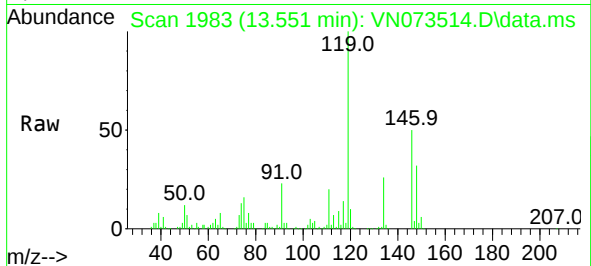
91 23.2 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 19.177 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

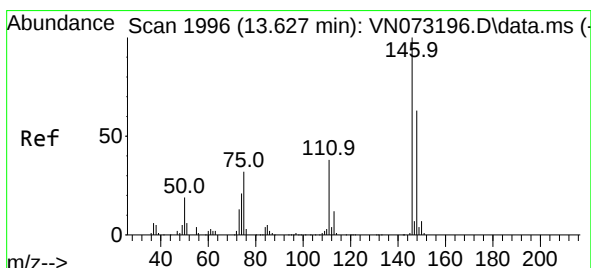
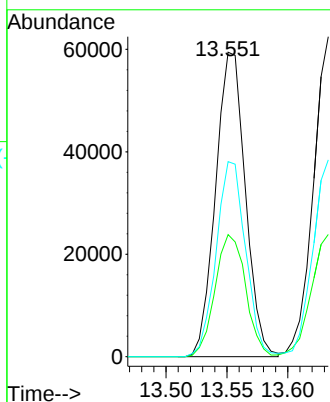
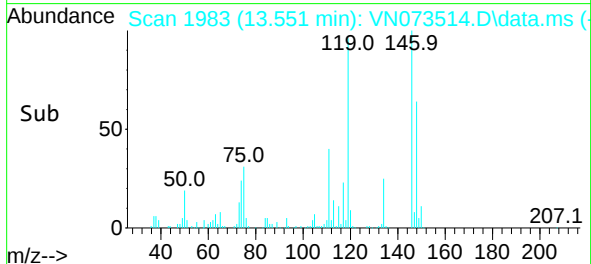
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



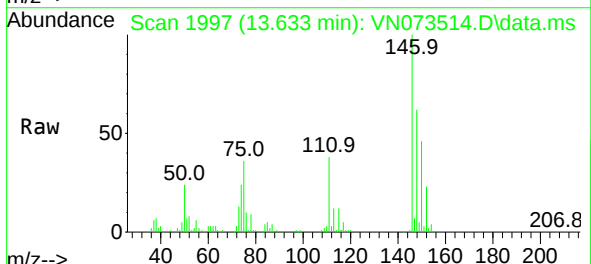
Tgt Ion:146 Resp: 101164
Ion Ratio Lower Upper
146 100
111 41.1 20.0 60.0
148 63.3 32.0 96.0

Manual Integrations
APPROVED

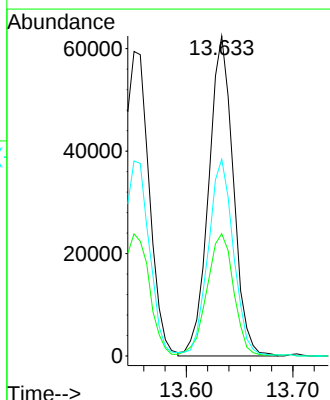
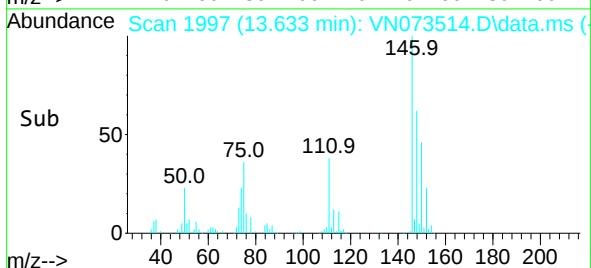
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#88
1,4-Dichlorobenzene
Concen: 18.991 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15



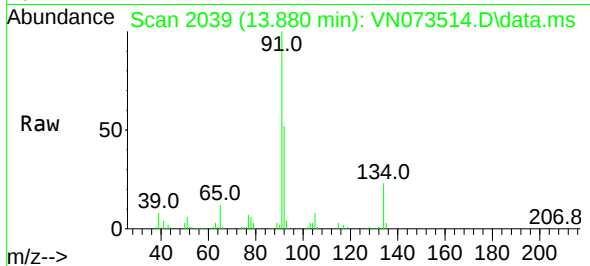
Tgt Ion:146 Resp: 100378
Ion Ratio Lower Upper
146 100
111 41.6 19.1 57.1
148 63.3 31.4 94.3





#89
n-Butylbenzene
Concen: 18.783 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

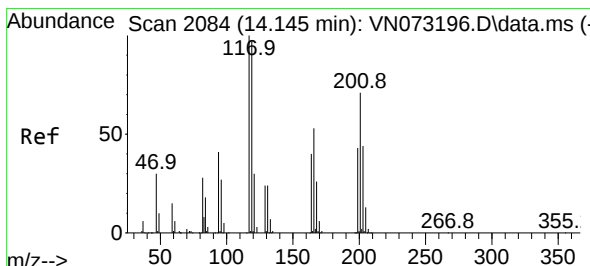
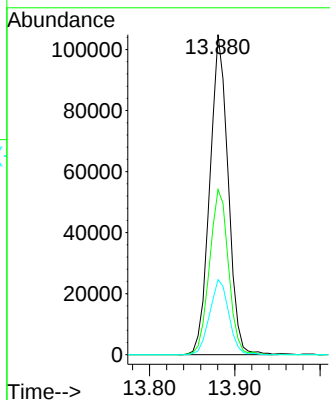
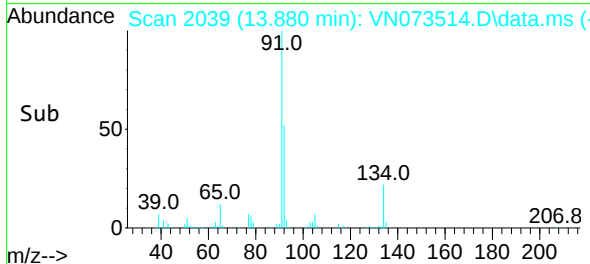
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion: 91 Resp: 15690
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.7
134 24.4 13.6 40.8

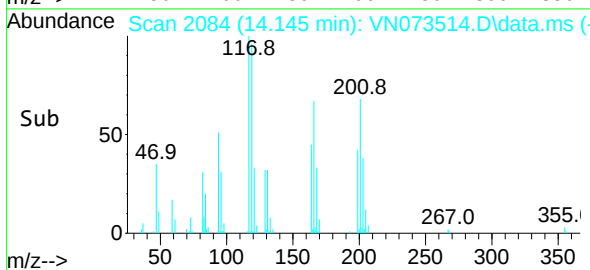
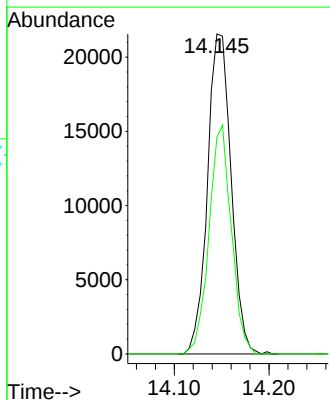
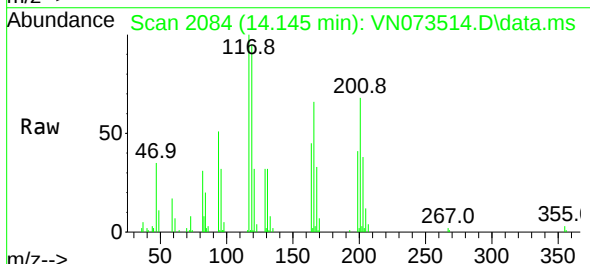
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#90
Hexachloroethane
Concen: 20.076 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. -0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

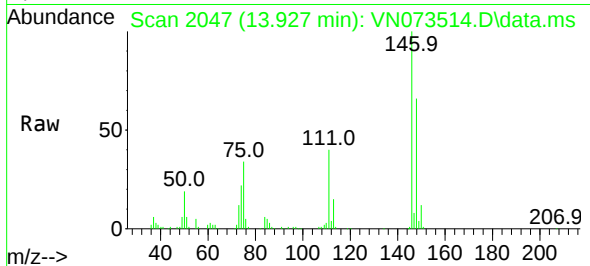
Tgt Ion:117 Resp: 37508
Ion Ratio Lower Upper
117 100
201 67.2 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 19.883 ug/l
RT: 13.927 min Scan# 2046
Delta R.T. 0.006 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15

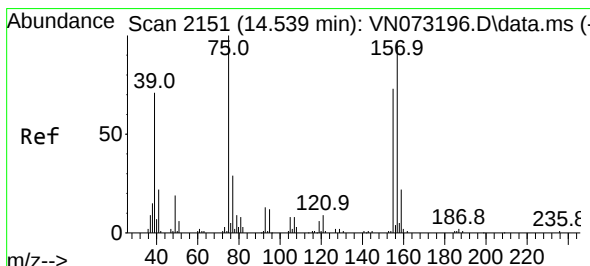
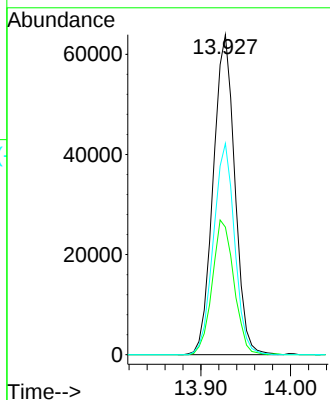
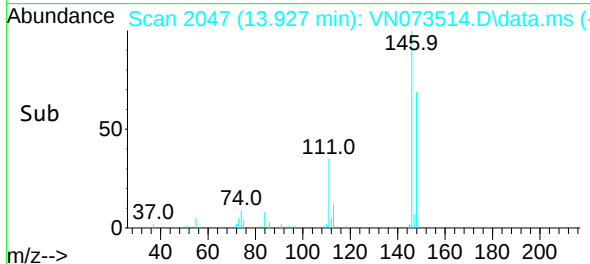
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



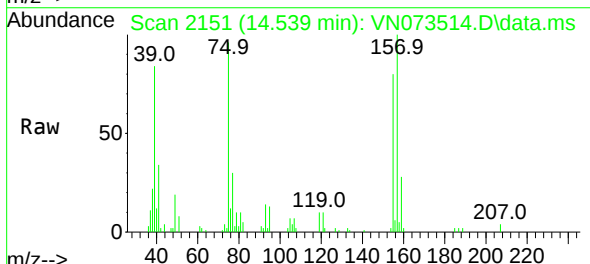
Tgt Ion:146 Resp: 10684
Ion Ratio Lower Upper
146 100
111 42.3 20.9 62.8
148 64.9 32.1 96.3

Manual Integrations
APPROVED

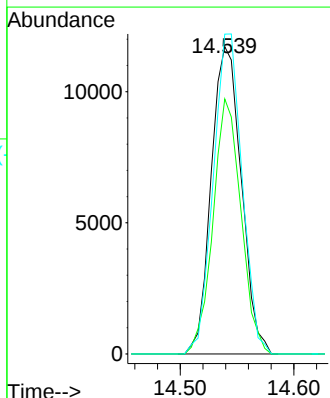
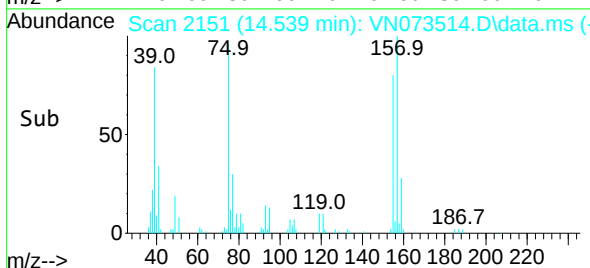
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

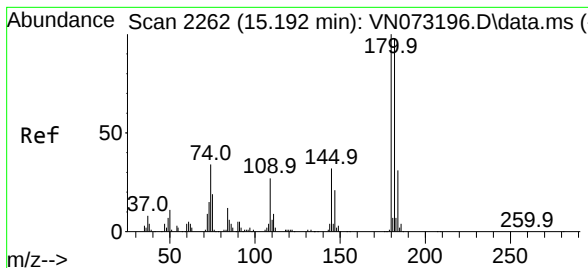


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.133 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN073514.D
Acq: 19 Jul 2022 14:15



Tgt Ion: 75 Resp: 21557
Ion Ratio Lower Upper
75 100
155 77.0 44.9 134.5
157 99.8 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 18.132 ug/l

RT: 15.192 min Scan# 2262

Delta R.T. -0.000 min

Lab File: VN073514.D

Acq: 19 Jul 2022 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

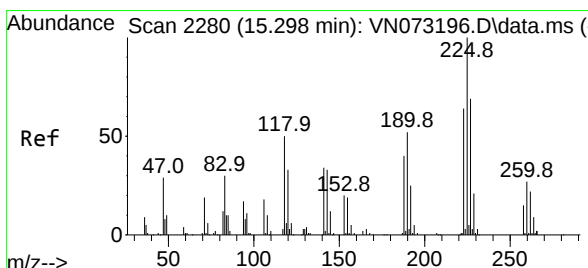
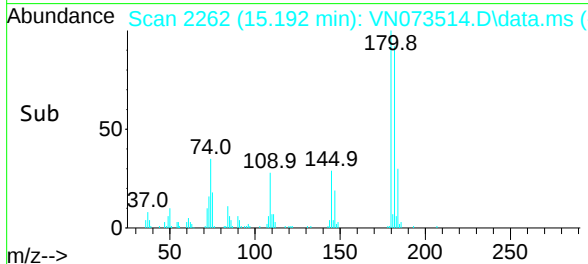
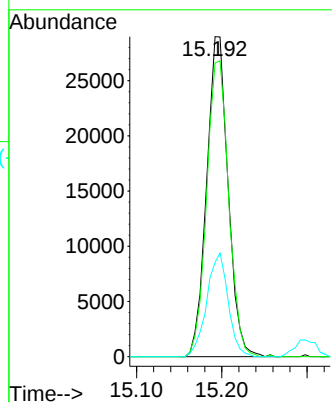
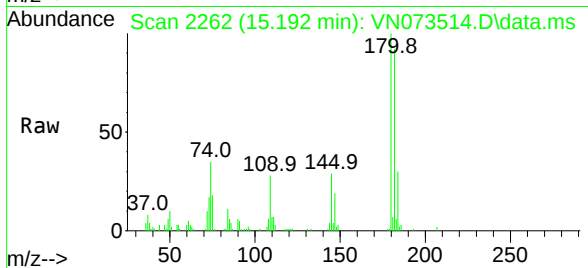
Tgt Ion:180	Resp: 50734
Ion Ratio	Lower Upper
180 100	
182 94.8	47.5 142.5
145 32.2	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#94

Hexachlorobutadiene

Concen: 18.493 ug/l

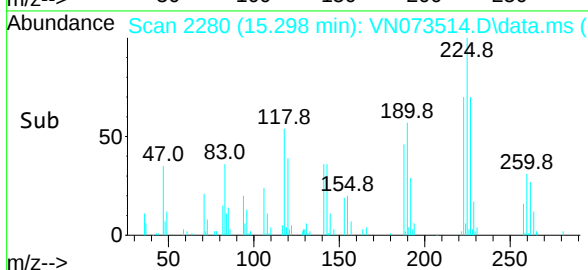
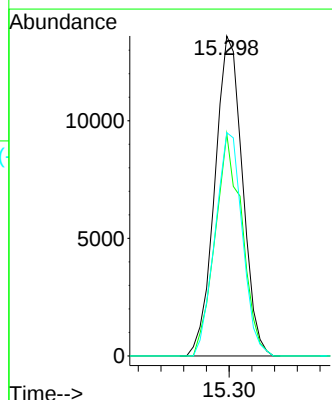
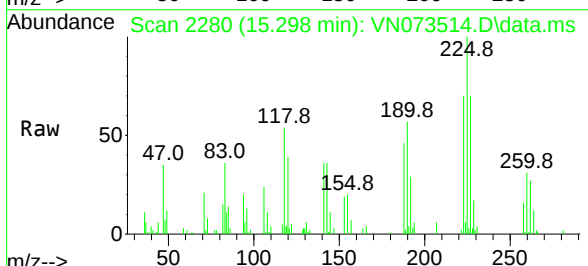
RT: 15.298 min Scan# 2280

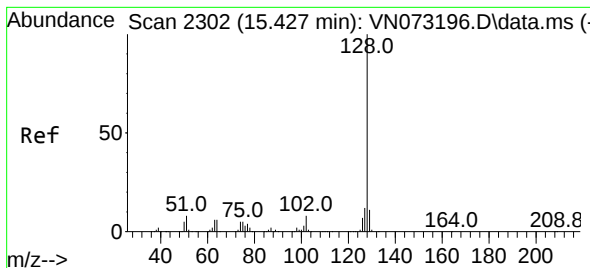
Delta R.T. -0.000 min

Lab File: VN073514.D

Acq: 19 Jul 2022 14:15

Tgt Ion:225	Resp: 23002
Ion Ratio	Lower Upper
225 100	
223 67.5	32.4 97.2
227 69.0	31.8 95.4





#95

Naphthalene

Concen: 17.329 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073514.D

Acq: 19 Jul 2022 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

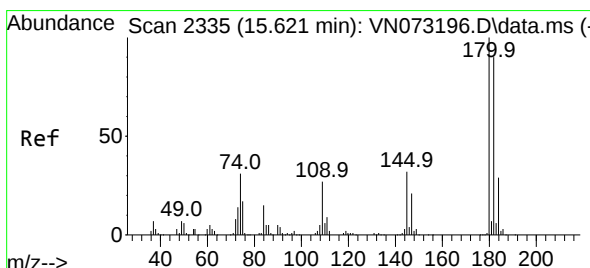
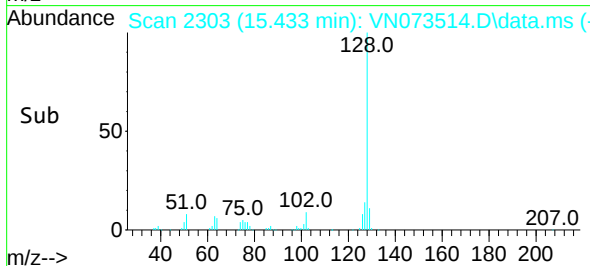
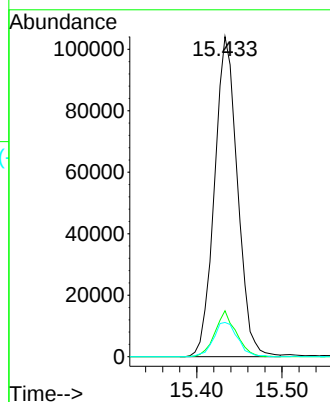
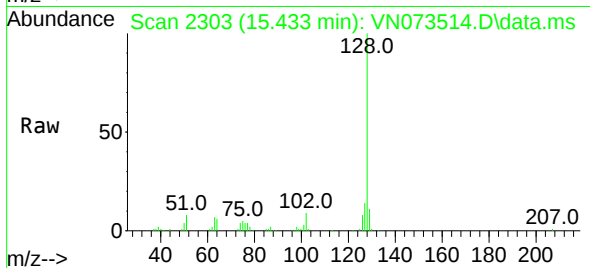
Tgt Ion:	128	Resp:	19561
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	11.3	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#96

1,2,3-Trichlorobenzene

Concen: 18.693 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN073514.D

Acq: 19 Jul 2022 14:15

Tgt Ion:	180	Resp:	53954
Ion Ratio	Lower	Upper	
180	100		
182	97.1	47.8	143.3
145	33.3	15.5	46.5

