

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080822\
 Data File : VN073776.D
 Acq On : 08 Aug 2022 17:40
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/09/2022
 Supervised By : Mahesh Dadoda 08/09/2022

Quant Time: Aug 09 00:29:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.592	128	54046	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	277808	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	260967	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.375	65	139486	29.850	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.500%		
60) 4-Bromofluorobenzene	12.674	95	135172	29.253	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.500%		
63) Toluene-d8	10.380	98	444634	30.258	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.867%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	68309	18.595	ug/l	96
3) Chloromethane	2.263	50	86514	17.812	ug/l	100
4) Vinyl Chloride	2.405	62	109313	18.337	ug/l	99
5) Bromomethane	2.804	94	36344	12.001	ug/l	89
6) Chloroethane	2.963	64	72862	18.041	ug/l	96
7) Trichlorofluoromethane	3.316	101	148319	25.295	ug/l	95
8) Diethyl Ether	3.763	74	44323	18.786	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.134	101	66643	18.853	ug/l #	66
10) 1,1-Dichloroethene	4.110	96	64941	19.193	ug/l	92
11) Methyl Iodide	4.346	142	24908	6.382	ug/l	86
12) Methyl Acetate	4.781	43	116016	20.175	ug/l	99
13) Acrolein	3.981	56	117360	116.094	ug/l	97
14) Acrylonitrile	5.481	53	266419	100.383	ug/l	97
15) Acetone	4.222	58	75872	102.832	ug/l	84
16) Carbon Disulfide	4.457	76	165699	17.920	ug/l	100
17) Allyl chloride	4.763	41	103755	18.384	ug/l	85
18) Methylene Chloride	5.016	84	84075	19.610	ug/l	95
19) trans-1,2-Dichloroethene	5.510	96	69107	18.421	ug/l	99
20) Diisopropyl ether	6.416	45	230537	18.777	ug/l #	92
21) 1,1-Dichloroethane	6.304	63	136246	18.806	ug/l	96
22) cis-1,2-Dichloroethene	7.245	96	88025	19.505	ug/l	92
23) tert-Butyl Alcohol	5.293	59	94483	100.735	ug/l #	100
24) Methyl tert-Butyl Ether	5.540	73	230235	19.308	ug/l #	73
25) Chloroform	7.751	83	145942	19.516	ug/l	99
26) Cyclohexane	8.022	56	109370	17.501	ug/l #	97
29) 1,1-Dichloropropene	8.151	75	97067	18.700	ug/l	99
30) 2-Butanone	7.263	43	366915	102.252	ug/l	99
31) 2,2-Dichloropropane	7.245	77	102199	18.868	ug/l	99
32) 1,1,1-Trichloroethane	7.945	97	121322	20.193	ug/l	97
33) Carbon Tetrachloride	8.134	117	100742	19.554	ug/l	99
34) Benzene	8.392	78	325356	19.370	ug/l	97
35) Methacrylonitrile	7.569	41	67603	23.209	ug/l	94
36) 1,2-Dichloroethane	8.469	62	108933	19.667	ug/l #	94
37) Trichloroethene	9.151	130	79437	19.223	ug/l	95
38) Methylcyclohexane	9.392	83	113093	17.551	ug/l	97
39) 1,2-Dichloropropane	9.428	63	85165	20.097	ug/l	99
40) Dibromomethane	9.516	93	57058	19.843	ug/l	90
41) Bromodichloromethane	9.704	83	111714	19.847	ug/l	91
42) Vinyl Acetate	6.351	43	982513	95.021	ug/l	97

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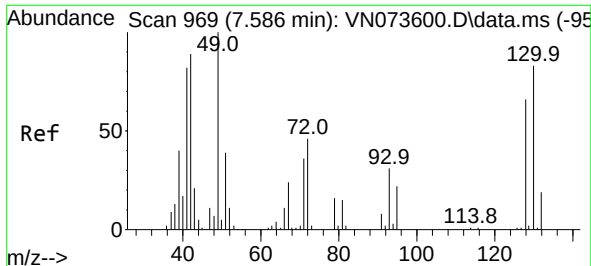
Manual Integrations
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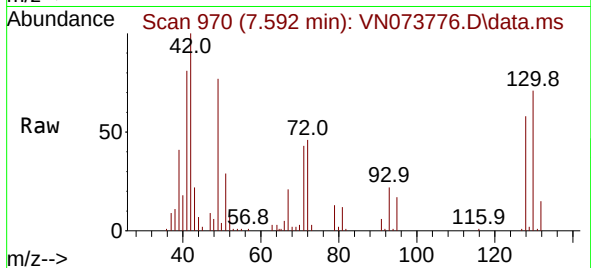
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.339	43	129228	18.970	ug/l	100
44) Isopropyl Acetate	8.498	43	185374	19.568	ug/l	94
45) 1,4-Dioxane	9.510	88	50007	442.714	ug/l	96
46) Methyl methacrylate	9.498	41	79077	18.666	ug/l	84
47) n-amyl Acetate	12.333	43	137292m	18.179	ug/l	
48) t-1,3-Dichloropropene	10.663	75	103856	17.922	ug/l	97
49) cis-1,3-Dichloropropene	10.133	75	119953	18.643	ug/l #	87
50) 1,1,2-Trichloroethane	10.839	97	87082	20.186	ug/l	95
51) Ethyl methacrylate	10.704	69	120895	18.640	ug/l	87
52) 1,3-Dichloropropane	10.986	76	144105	19.818	ug/l	99
53) Dibromochloromethane	11.180	129	86506	19.787	ug/l	98
54) 1,2-Dibromoethane	11.292	107	87103	19.813	ug/l	98
55) 2-Chloroethyl vinyl ether	9.980	63	246900	84.877	ug/l	99
56) Bromoform	12.398	173	66930	19.481	ug/l #	99
58) 4-Methyl-2-Pentanone	10.275	43	690401	102.314	ug/l	95
59) 2-Hexanone	11.027	43	530282	102.027	ug/l	94
61) Tetrachloroethene	10.916	164	77377	19.357	ug/l	93
62) Toluene	10.445	91	355515	19.590	ug/l	99
64) Chlorobenzene	11.710	112	210984	19.458	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.780	131	81195	20.173	ug/l	99
66) Ethyl Benzene	11.786	91	362064	18.662	ug/l	95
67) m/p-Xylenes	11.892	106	286797	38.675	ug/l	96
68) o-Xylene	12.222	106	141001	19.144	ug/l	96
69) Styrene	12.239	104	232748	19.172	ug/l	96
70) Isopropylbenzene	12.522	105	361601	19.202	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.769	83	137101	20.706	ug/l	99
72) 1,2,3-Trichloropropane	12.821	75	121945m	22.052	ug/l	
73) Bromobenzene	12.804	156	92799	19.839	ug/l	95
74) n-propylbenzene	12.863	91	407982	18.617	ug/l	99
75) 2-Chlorotoluene	12.951	91	250631	19.079	ug/l	99
76) 1,3,5-Trimethylbenzene	13.004	105	303658	19.252	ug/l	96
77) t-1,4-Dichloro-2-butene	12.569	75	35019	17.377	ug/l	96
78) 4-Chlorotoluene	13.045	91	237006	18.781	ug/l	99
79) tert-butylbenzene	13.263	119	267317	19.603	ug/l	95
80) 1,2,4-Trimethylbenzene	13.310	105	303322m	19.415	ug/l	
81) sec-Butylbenzene	13.445	105	373685	19.085	ug/l	98
82) p-Isopropyltoluene	13.557	119	296818	18.465	ug/l	96
83) 1,3-Dichlorobenzene	13.557	146	161866	18.904	ug/l	97
84) 1,4-Dichlorobenzene	13.633	146	152435	18.456	ug/l	96
85) n-Butylbenzene	13.886	91	218154	16.742	ug/l	98
86) Hexachloroethane	14.151	117	55860	18.948	ug/l	82
87) 1,2-Dichlorobenzene	13.927	146	173165	20.003	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.539	75	29329	20.280	ug/l #	81
89) 1,2,4-Trichlorobenzene	15.198	180	82177	17.248	ug/l	97
90) Hexachlorobutadiene	15.304	225	46468	19.256	ug/l	98
91) Naphthalene	15.439	128	290989	18.600	ug/l	98
92) 1,2,3-Trichlorobenzene	15.627	180	89478	18.281	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.592 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

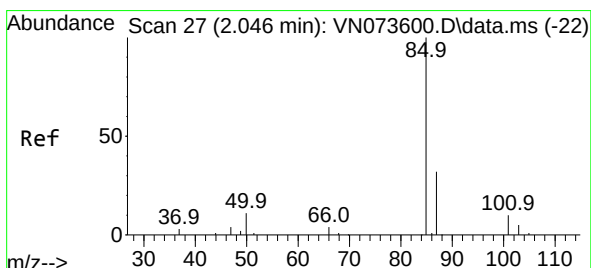
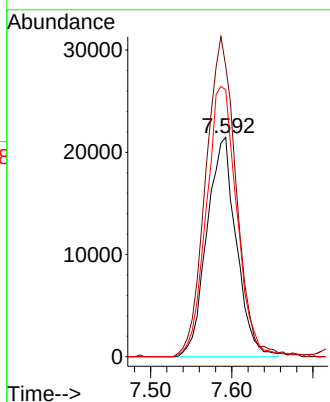
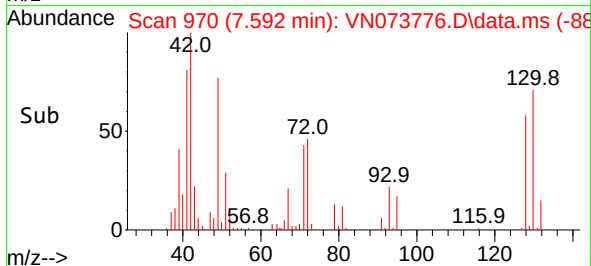
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 5404
Ion Ratio Lower Upper
128 100
49 150.4 0.0 392.3
130 128.7 0.0 320.2

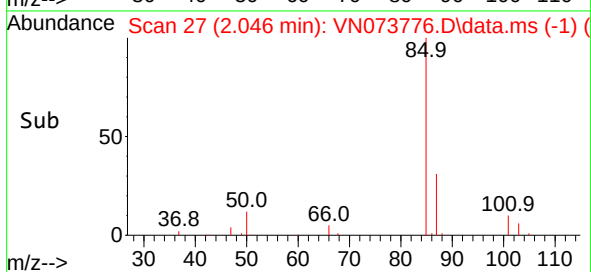
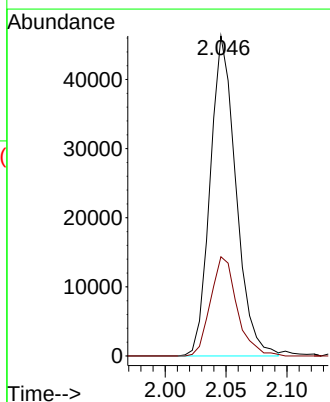
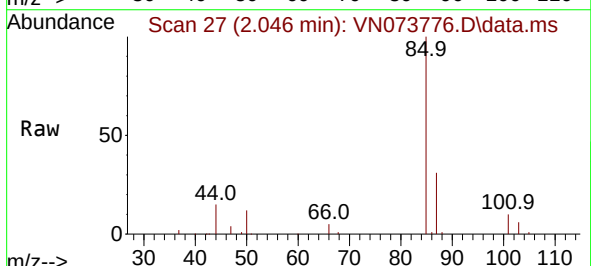
Manual Integrations
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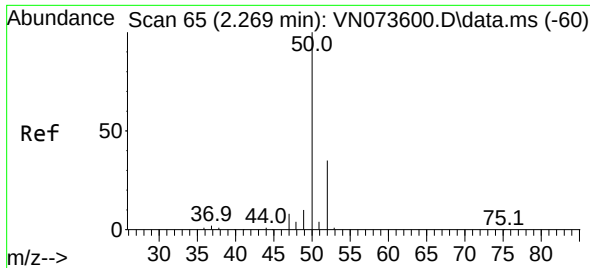
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#2
Dichlorodifluoromethane
Concen: 18.595 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

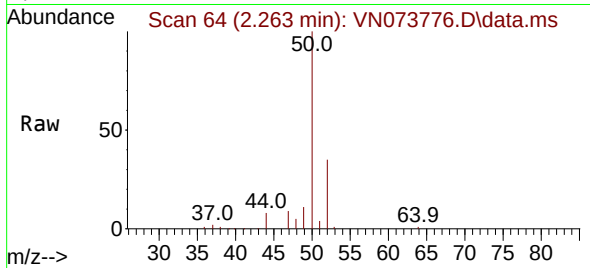
Tgt Ion: 85 Resp: 68309
Ion Ratio Lower Upper
85 100
87 31.0 16.6 49.7





#3
Chloromethane
Concen: 17.812 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

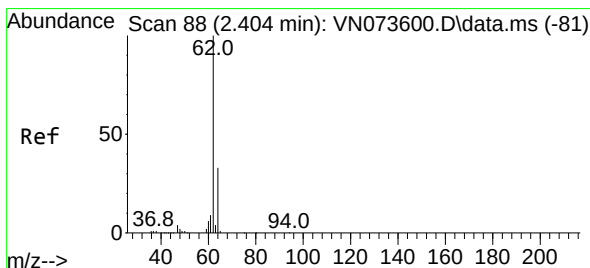
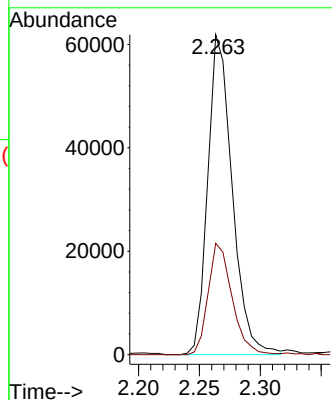
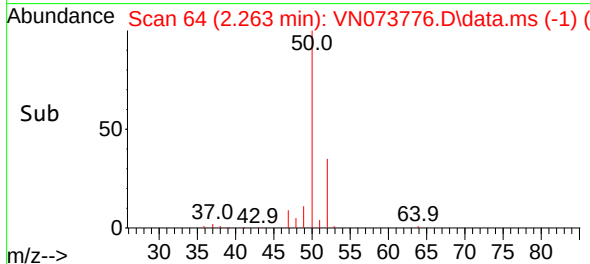
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



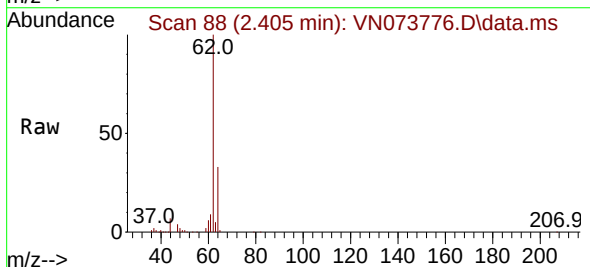
Tgt Ion: 50 Resp: 86514
Ion Ratio Lower Upper
50 100
52 34.8 27.8 41.6

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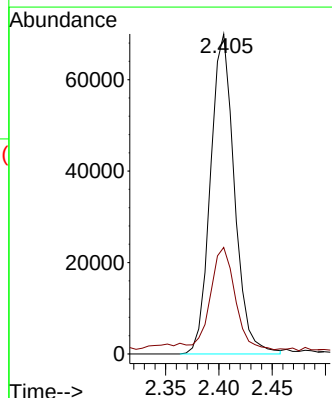
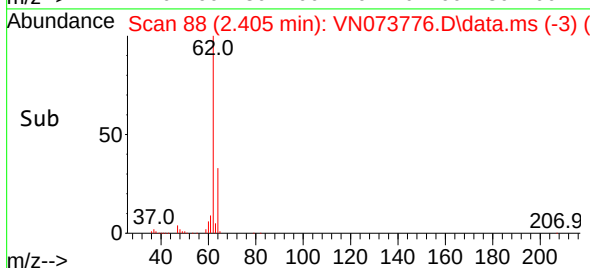
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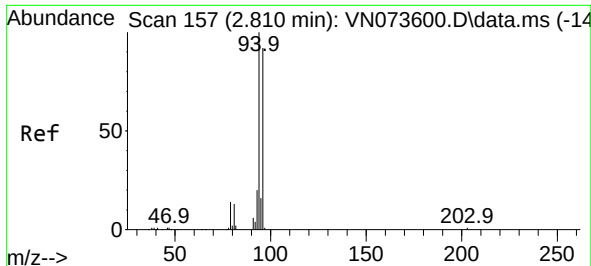


#4
Vinyl Chloride
Concen: 18.337 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40



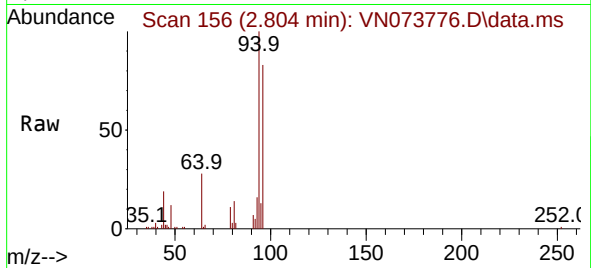
Tgt Ion: 62 Resp: 109313
Ion Ratio Lower Upper
62 100
64 31.7 25.1 37.7





#5
Bromomethane
Concen: 12.001 ug/l
RT: 2.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

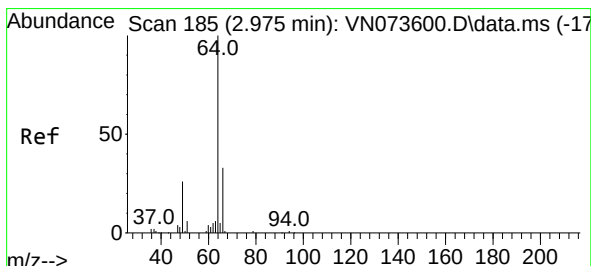
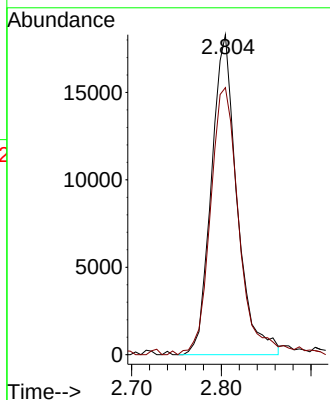
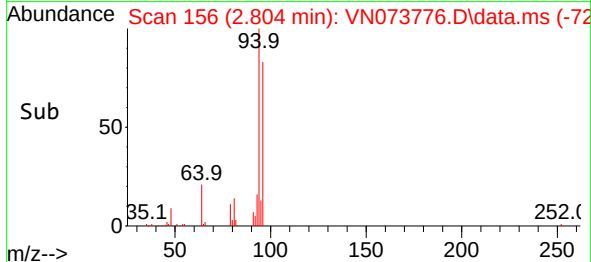
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 36344
Ion Ratio Lower Upper
94 100
96 83.5 75.2 112.8

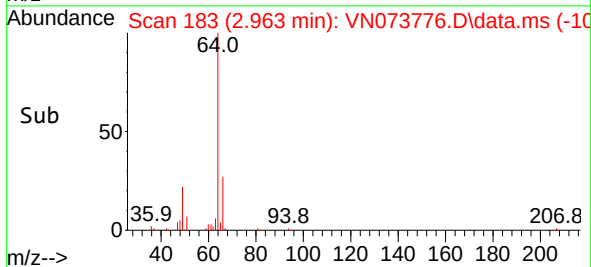
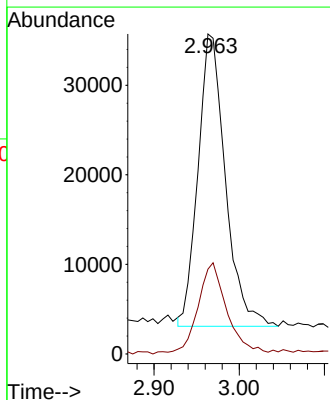
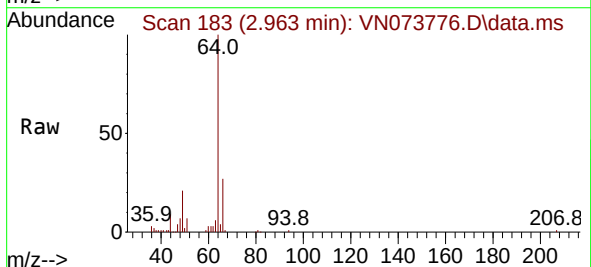
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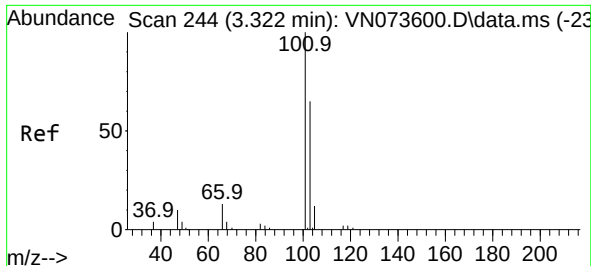
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#6
Chloroethane
Concen: 18.041 ug/l
RT: 2.963 min Scan# 183
Delta R.T. -0.012 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

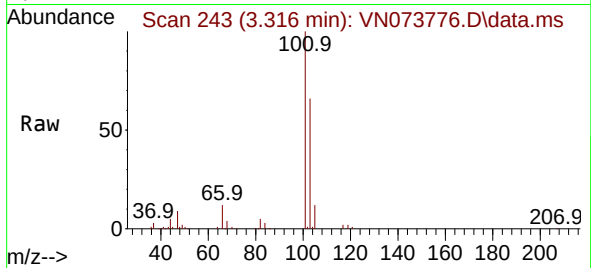
Tgt Ion: 64 Resp: 72862
Ion Ratio Lower Upper
64 100
66 28.3 24.6 36.8





#7
Trichlorofluoromethane
Concen: 25.295 ug/l
RT: 3.316 min Scan# 244
Delta R.T. -0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

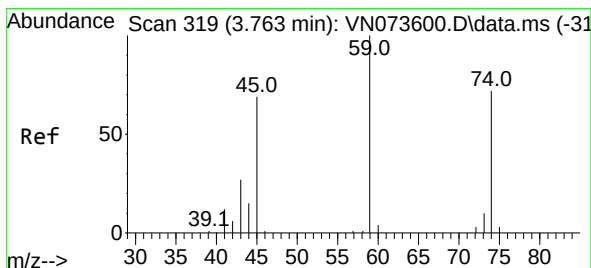
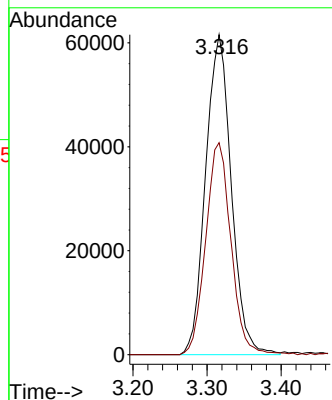
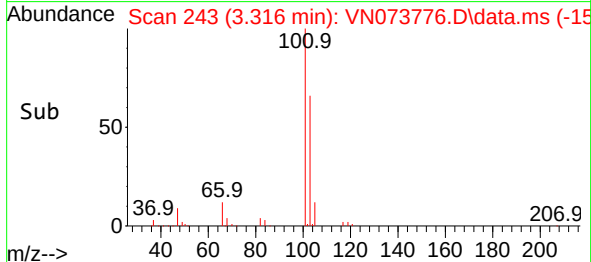
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Tgt Ion: 101 Resp: 148319
Ion Ratio Lower Upper
101 100
103 66.3 50.1 75.1

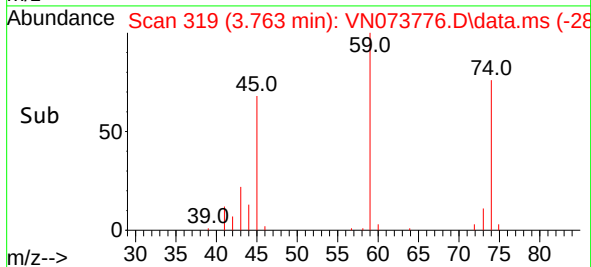
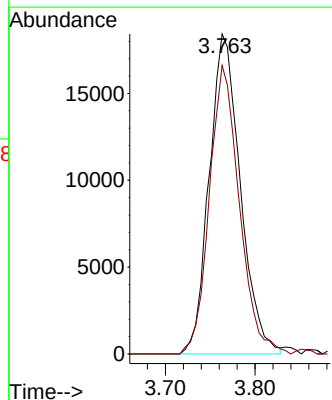
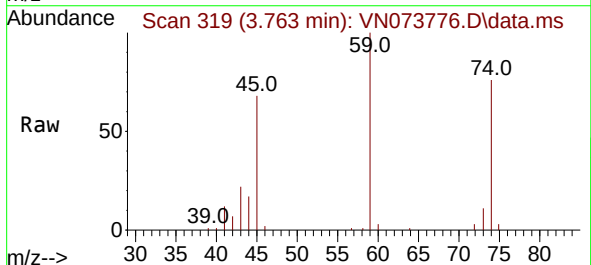
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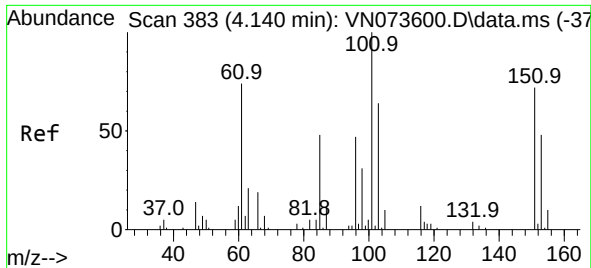
Reviewed By : John Carlone 08/09/2022
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#8
Diethyl Ether
Concen: 18.786 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

Tgt Ion: 74 Resp: 44323
Ion Ratio Lower Upper
74 100
45 86.8 17.6 158.8





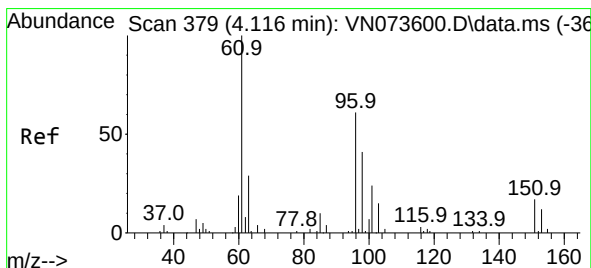
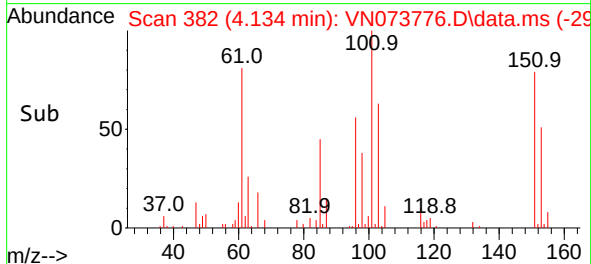
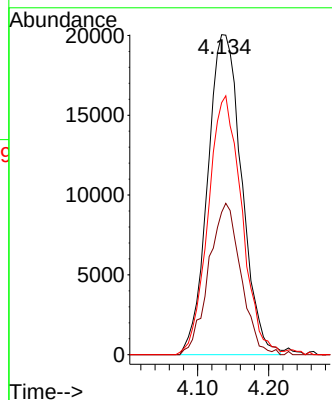
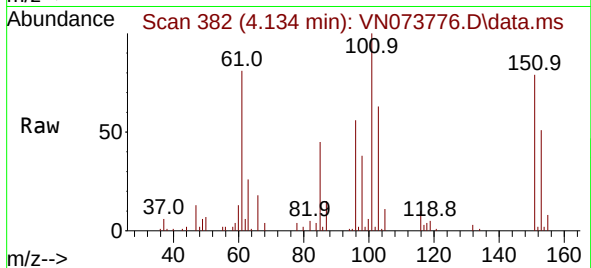
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.853 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 6664
Ion Ratio Lower Upper
101 100
85 44.6 0.0 94.0
151 79.8 0.0 74.6

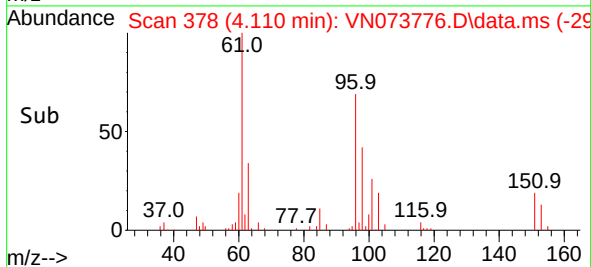
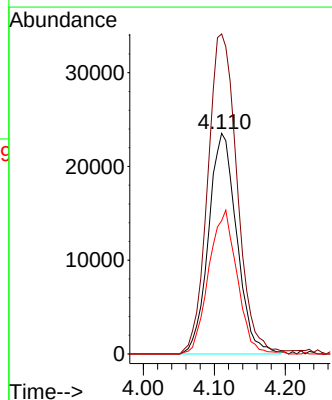
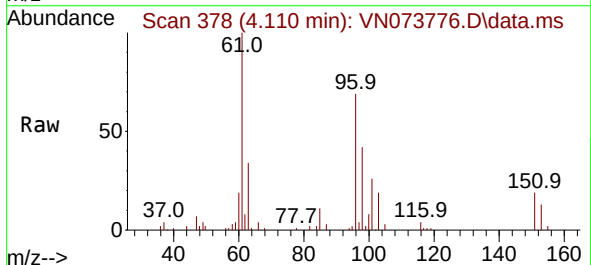
Manual Integrations
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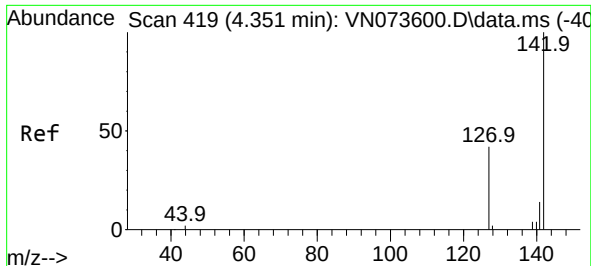
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#10
1,1-Dichloroethene
Concen: 19.193 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

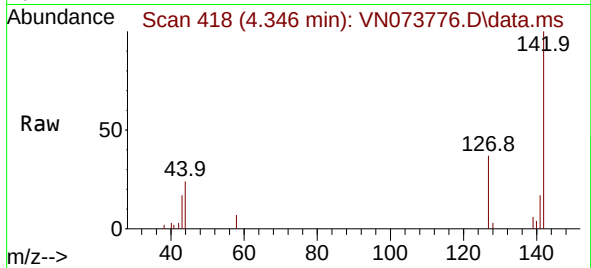
Tgt Ion: 96 Resp: 64941
Ion Ratio Lower Upper
96 100
61 145.0 126.2 189.4
98 60.4 50.9 76.3





#11
Methyl Iodide
Concen: 6.382 ug/l
RT: 4.346 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

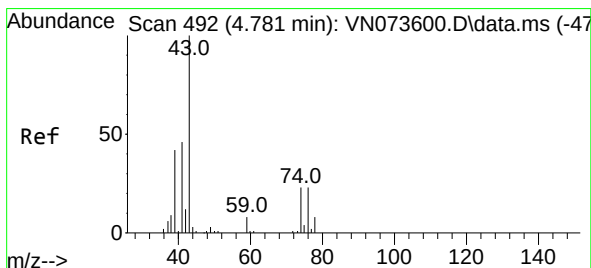
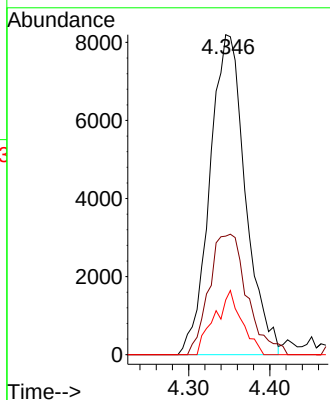
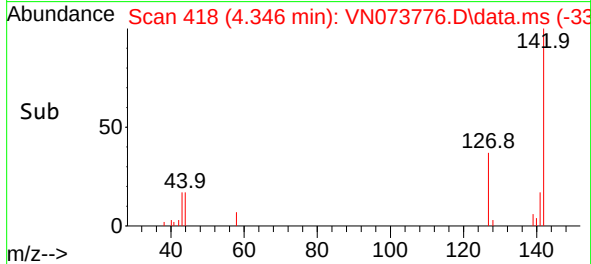
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 24908
Ion Ratio Lower Upper
142 100
127 35.8 24.0 72.0
141 17.3 8.4 25.2

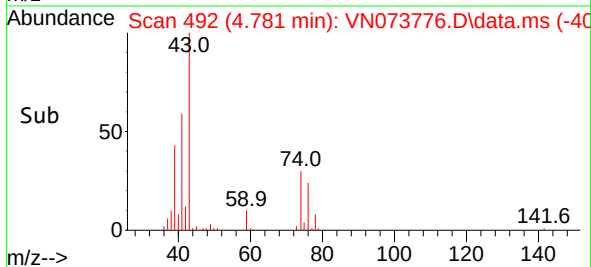
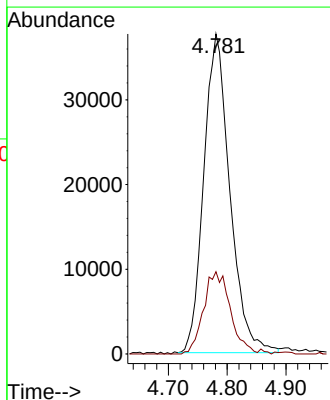
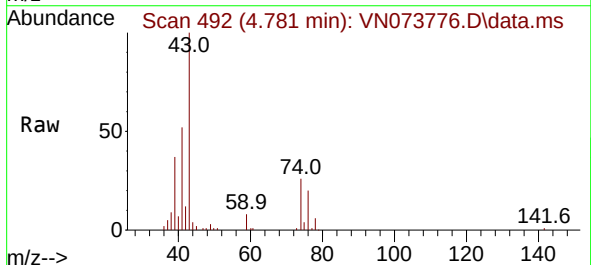
Manual Integrations
APPROVED

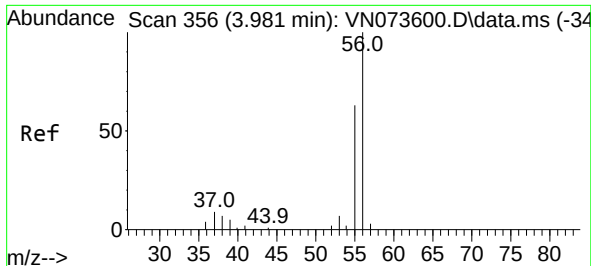
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#12
Methyl Acetate
Concen: 20.175 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

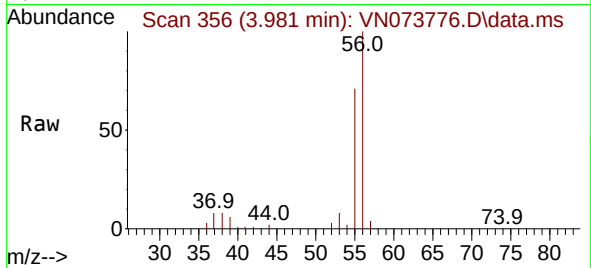
Tgt Ion: 43 Resp: 116016
Ion Ratio Lower Upper
43 100
74 25.7 20.8 31.2





#13
Acrolein
Concen: 116.094 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

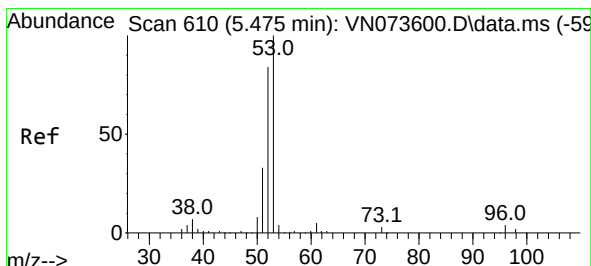
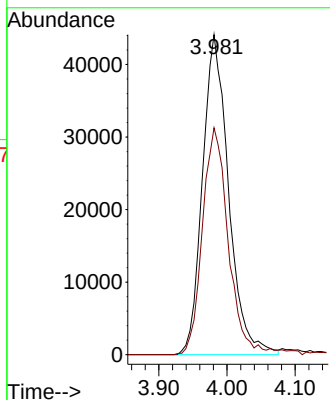
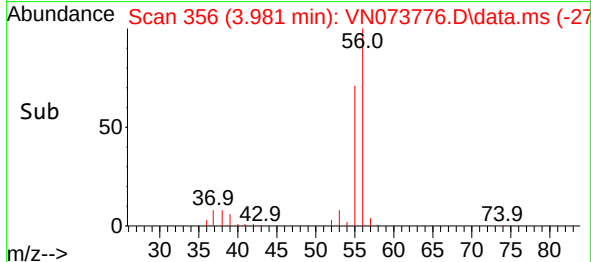
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



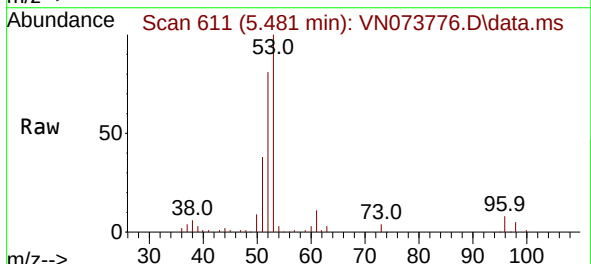
Tgt Ion: 56 Resp: 117360
Ion Ratio Lower Upper
56 100
55 69.6 57.6 86.4

Manual Integrations
APPROVED

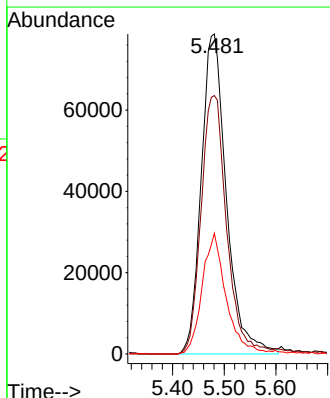
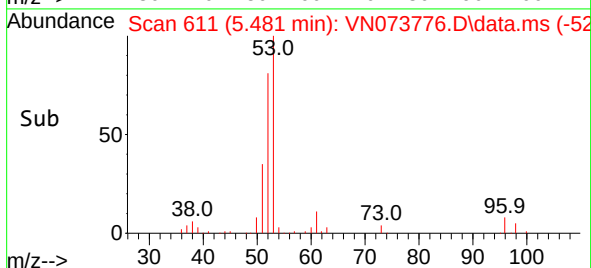
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022

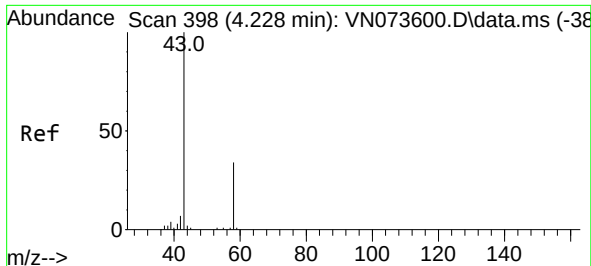


#14
Acrylonitrile
Concen: 100.383 ug/l
RT: 5.481 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40



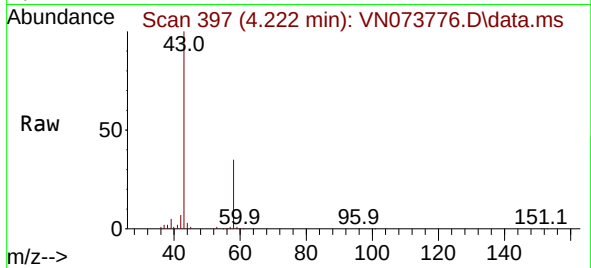
Tgt Ion: 53 Resp: 266419
Ion Ratio Lower Upper
53 100
52 81.8 41.8 125.4
51 34.7 19.0 57.0





#15
Acetone
Concen: 102.832 ug/l
RT: 4.222 min Scan# 398
Delta R.T. -0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

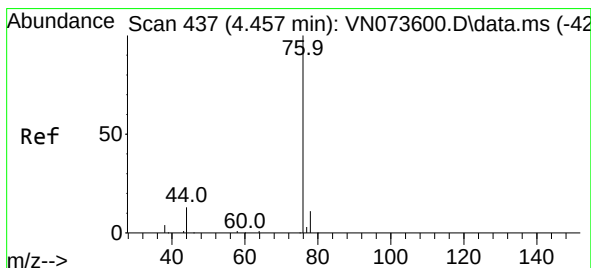
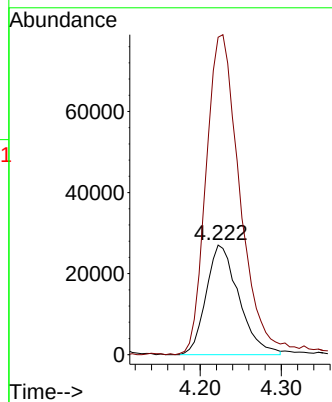
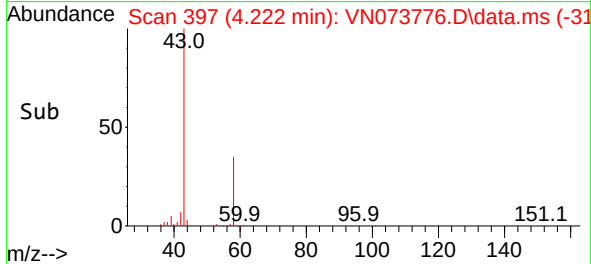
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



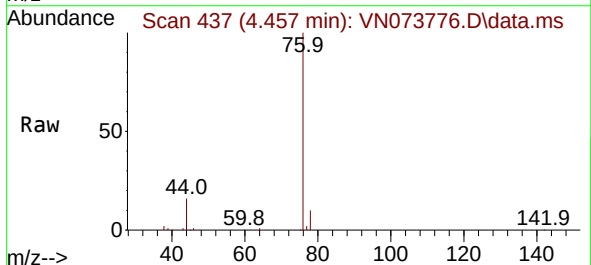
Tgt Ion: 58 Resp: 75872
Ion Ratio Lower Upper
58 100
43 288.5 256.6 384.8

Manual Integrations
APPROVED

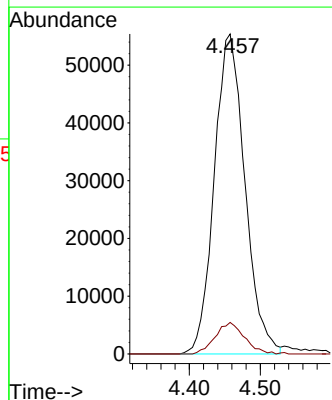
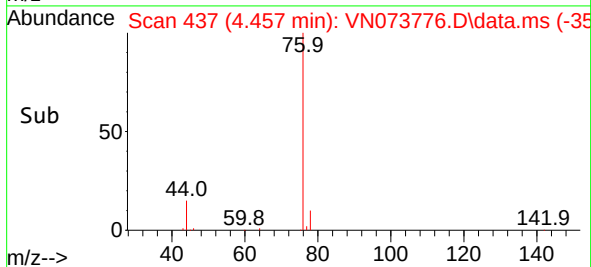
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022

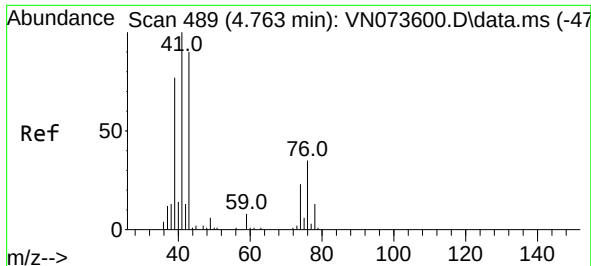


#16
Carbon Disulfide
Concen: 17.920 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40



Tgt Ion: 76 Resp: 165699
Ion Ratio Lower Upper
76 100
78 9.9 7.8 11.8





#17

Allyl chloride

Concen: 18.384 ug/l

RT: 4.763 min Scan# 489

Delta R.T. 0.000 min

Lab File: VN073776.D

Acq: 08 Aug 2022 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

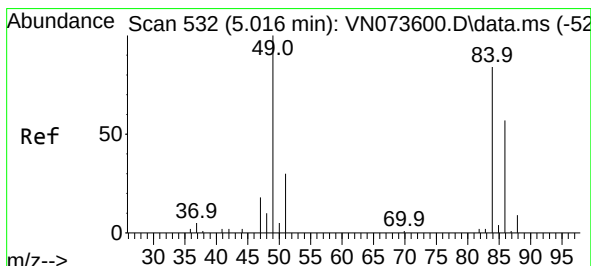
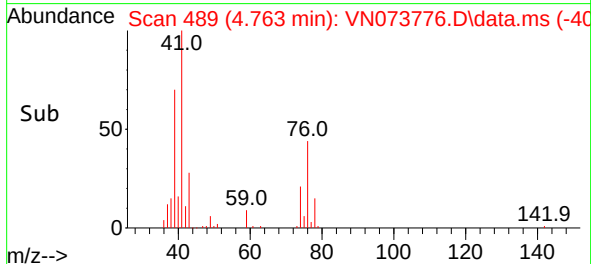
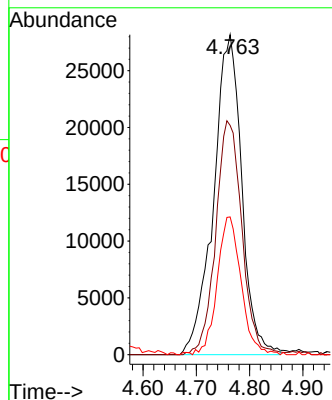
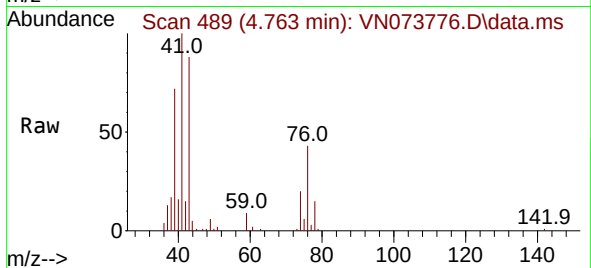
Tgt Ion:	41	Resp:	10375
Ion Ratio	Lower	Upper	
41	100		
39	71.6	44.6	134.0
76	43.0	19.6	58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2022

Supervised By :Mahesh Dadoda 08/09/2022



#18

Methylene Chloride

Concen: 19.610 ug/l

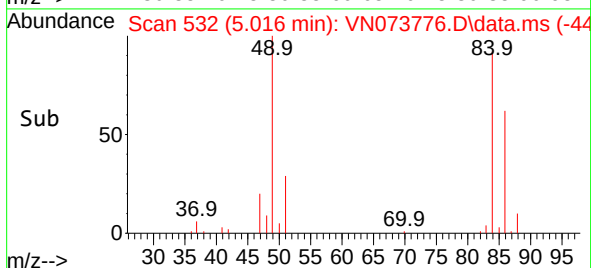
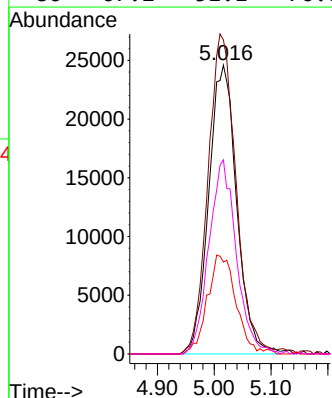
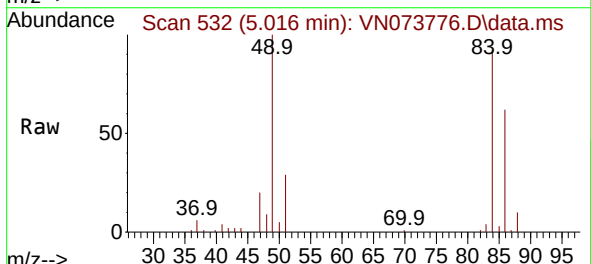
RT: 5.016 min Scan# 532

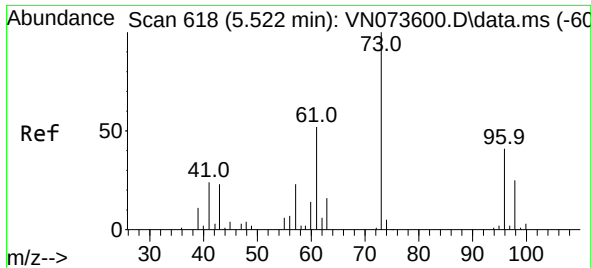
Delta R.T. 0.000 min

Lab File: VN073776.D

Acq: 08 Aug 2022 17:40

Tgt Ion:	84	Resp:	84075
Ion Ratio	Lower	Upper	
84	100		
49	108.8	91.4	137.0
51	31.8	29.4	44.0
86	67.2	51.1	76.7





#19

trans-1,2-Dichloroethene

Concen: 18.421 ug/l

RT: 5.510 min Scan# 61

Delta R.T. -0.012 min

Lab File: VN073776.D

Acq: 08 Aug 2022 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

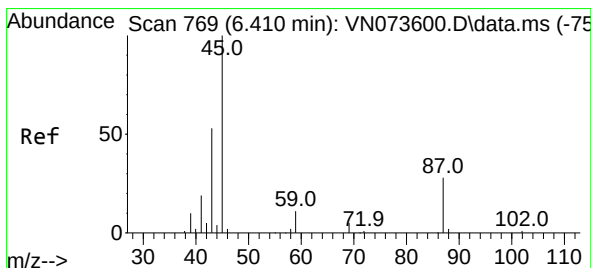
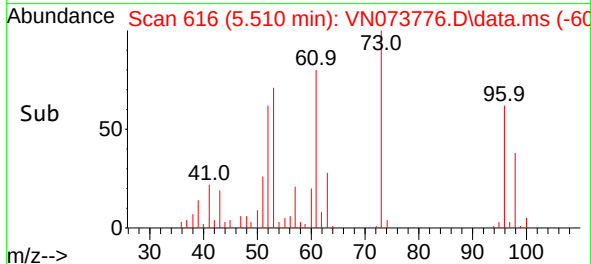
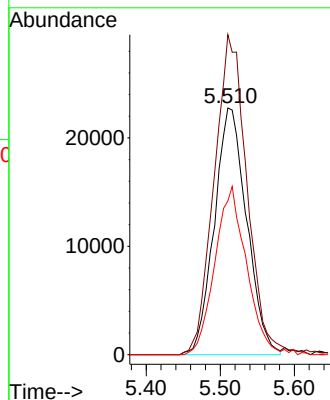
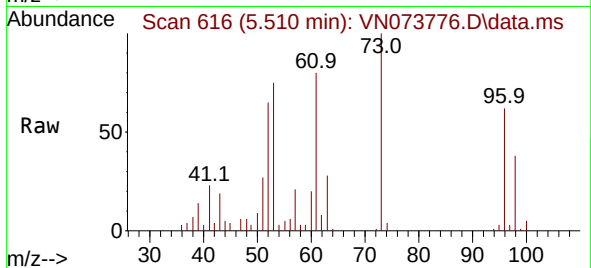
Tgt Ion: 96 Resp: 6910
 Ion Ratio Lower Upper
 96 100
 61 129.7 102.8 154.2
 98 62.4 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2022

Supervised By :Mahesh Dadoda 08/09/2022



#20

Diisopropyl ether

Concen: 18.777 ug/l

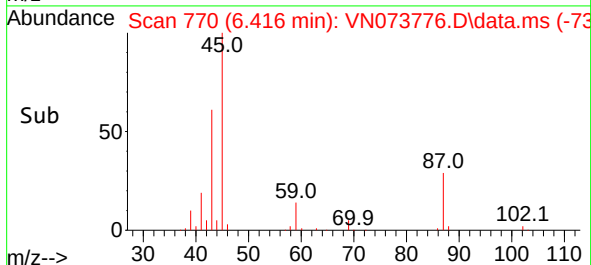
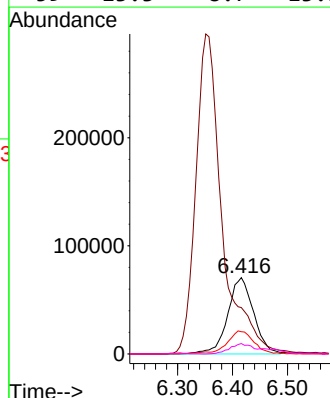
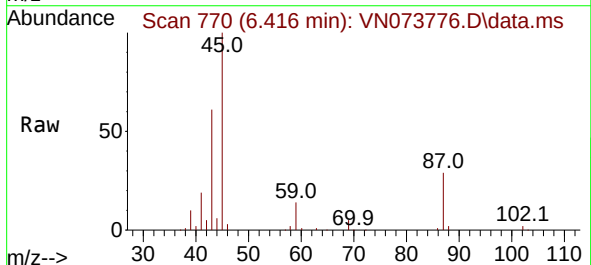
RT: 6.416 min Scan# 770

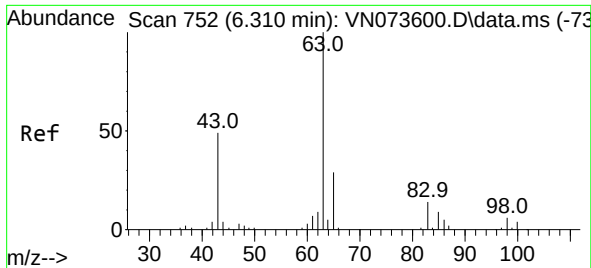
Delta R.T. 0.006 min

Lab File: VN073776.D

Acq: 08 Aug 2022 17:40

Tgt Ion: 45 Resp: 230537
 Ion Ratio Lower Upper
 45 100
 43 55.8 51.0 76.4
 87 28.4 25.0 37.4
 59 13.3 8.7 13.1#





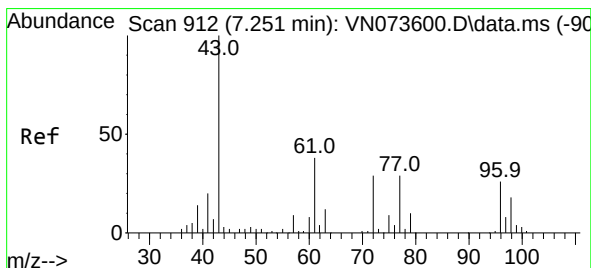
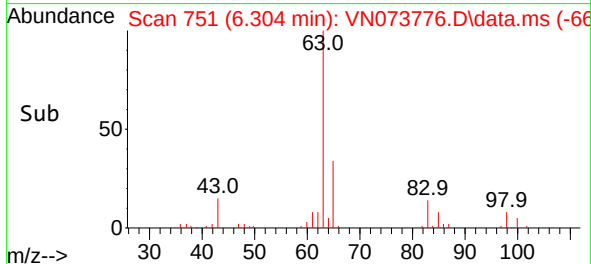
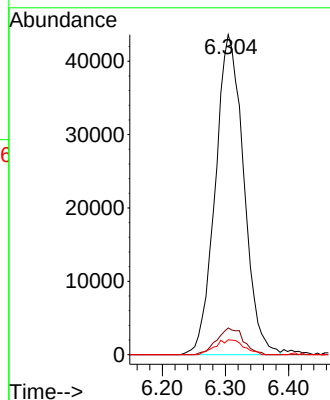
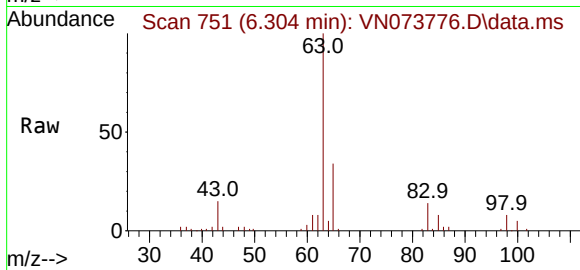
#21
1,1-Dichloroethane
Concen: 18.806 ug/l
RT: 6.304 min Scan# 751
Delta R.T. -0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 136240
Ion Ratio Lower Upper
63 100
98 8.4 3.2 9.6
100 4.7 2.1 6.2

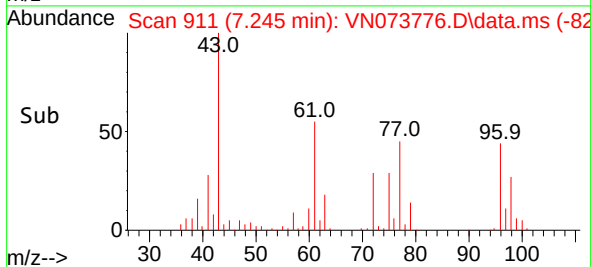
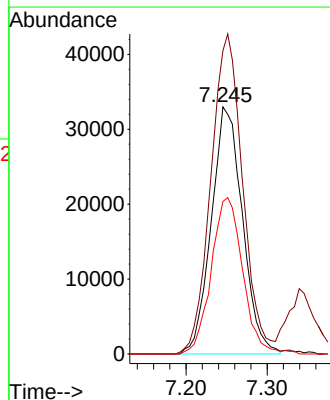
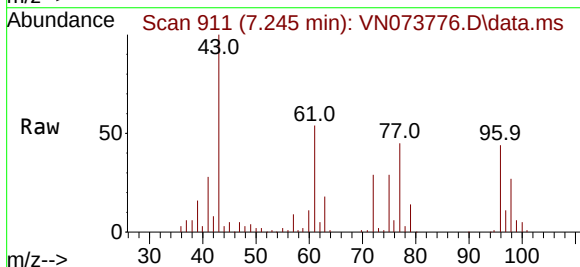
Manual Integrations
APPROVED

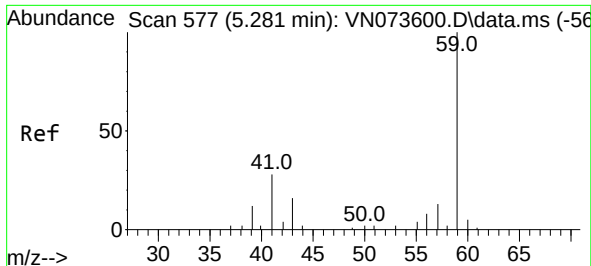
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#22
cis-1,2-Dichloroethene
Concen: 19.505 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

Tgt Ion: 96 Resp: 88025
Ion Ratio Lower Upper
96 100
61 131.9 115.7 173.5
98 63.4 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 100.735 ug/l

RT: 5.293 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN073776.D

Acq: 08 Aug 2022 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 59 Resp: 9448

Ion Ratio Lower Upper

59 100

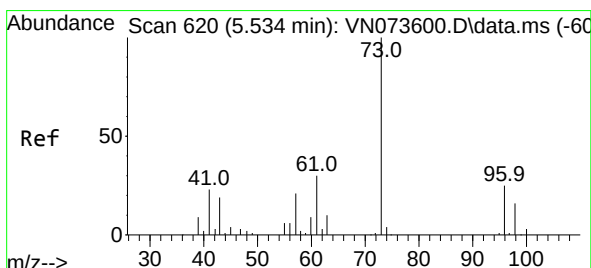
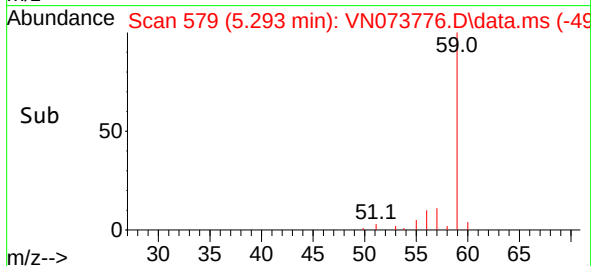
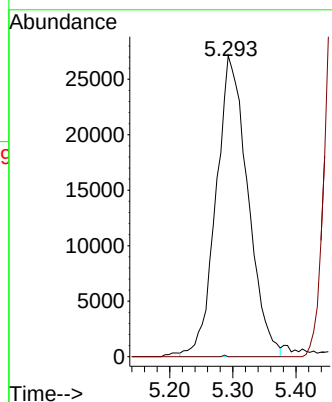
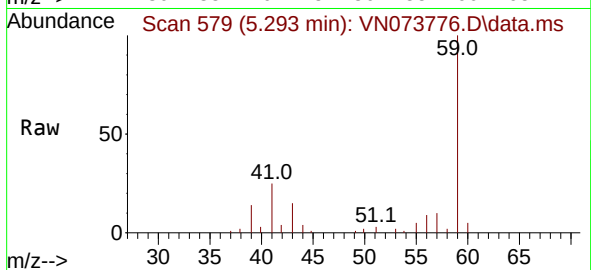
52 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2022

Supervised By :Mahesh Dadoda 08/09/2022



#24

Methyl tert-Butyl Ether

Concen: 19.308 ug/l

RT: 5.540 min Scan# 621

Delta R.T. 0.006 min

Lab File: VN073776.D

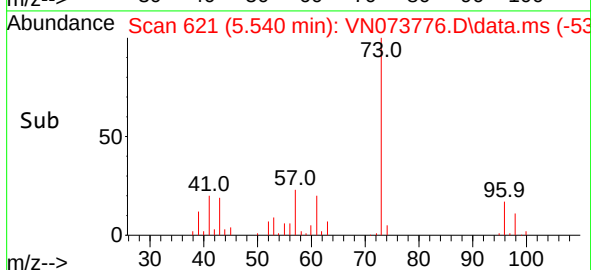
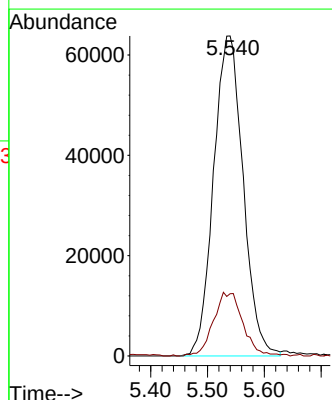
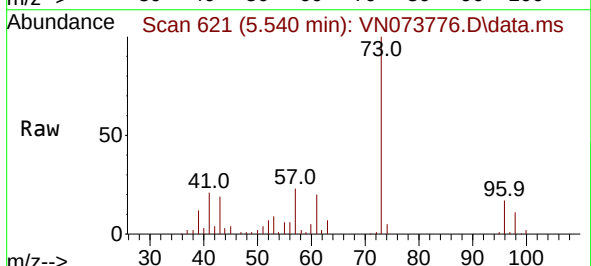
Acq: 08 Aug 2022 17:40

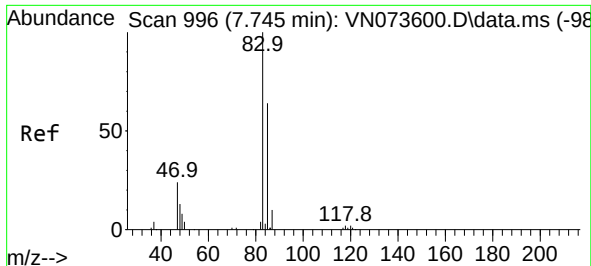
Tgt Ion: 73 Resp: 230235

Ion Ratio Lower Upper

73 100

43 9.8 18.1 27.1#





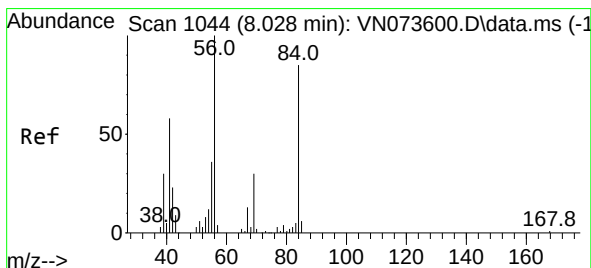
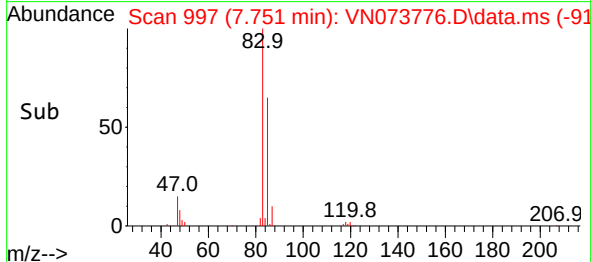
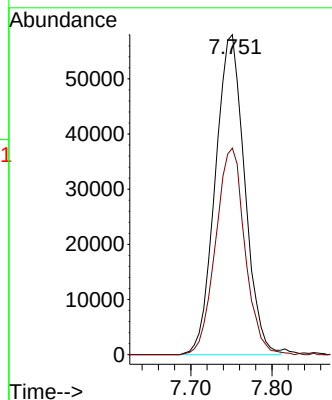
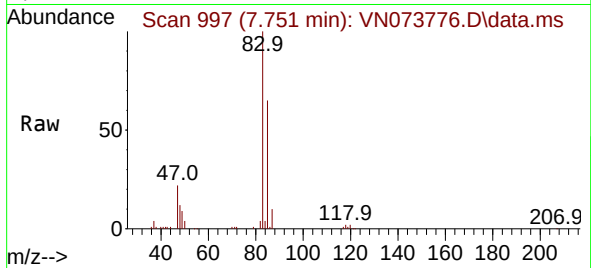
#25
Chloroform
Concen: 19.516 ug/l
RT: 7.751 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 14594
Ion Ratio Lower Upper
83 100
85 64.6 51.3 76.9

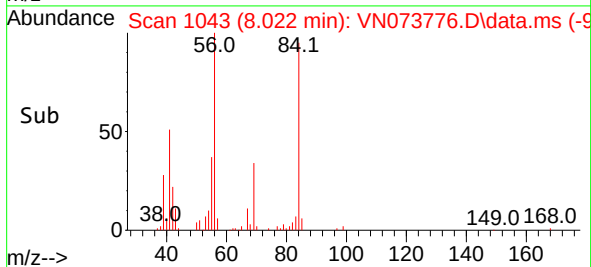
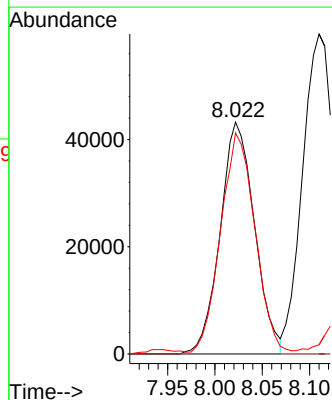
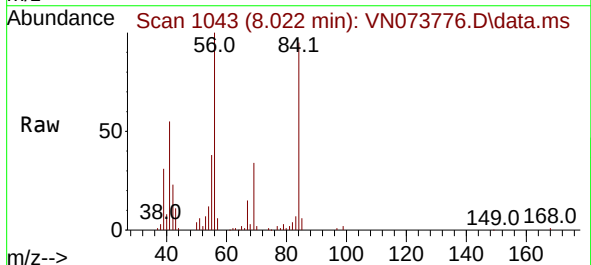
Manual Integrations
APPROVED

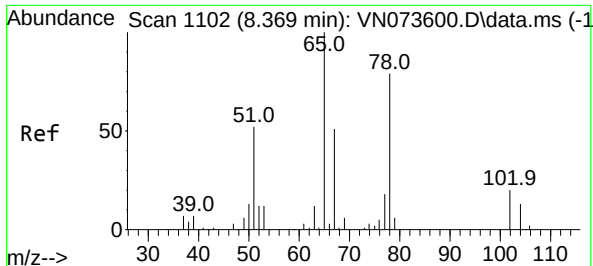
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#26
Cyclohexane
Concen: 17.501 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

Tgt Ion: 56 Resp: 109370
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 95.7 74.6 111.8





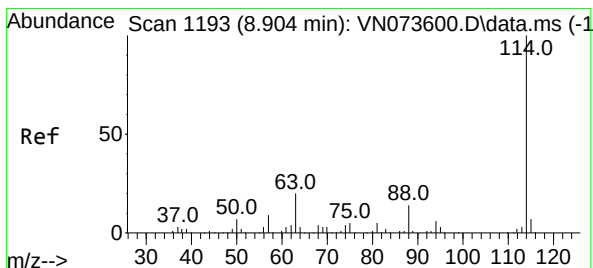
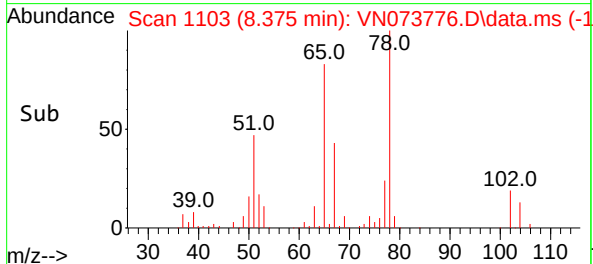
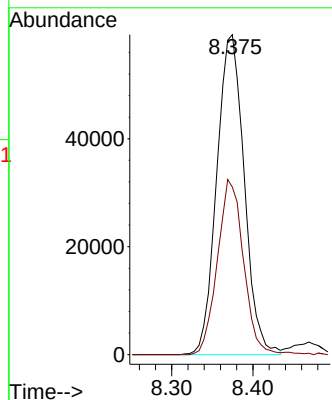
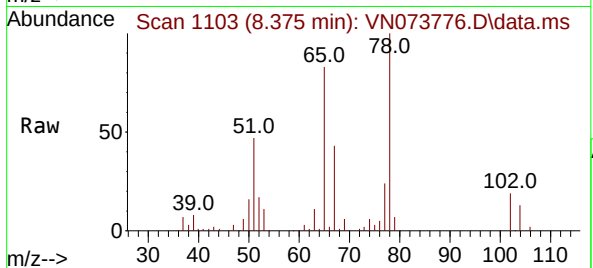
#27
1,2-Dichloroethane-d4
Concen: 29.850 ug/l
RT: 8.375 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 139480
Ion Ratio Lower Upper
65 100
67 51.8 40.2 60.2

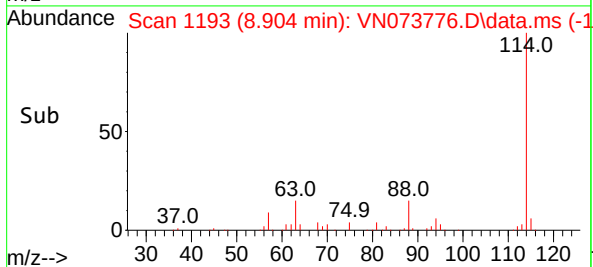
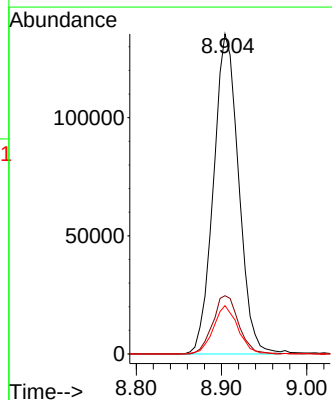
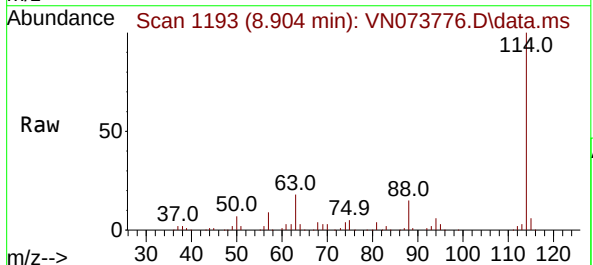
Manual Integrations
APPROVED

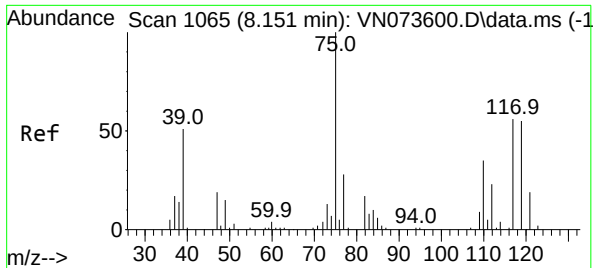
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

Tgt Ion:114 Resp: 277808
Ion Ratio Lower Upper
114 100
63 18.8 15.8 23.6
88 14.7 11.6 17.4





#29
1,1-Dichloropropene
Concen: 18.700 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

Instrument :

MSVOA_N

ClientSampleId :

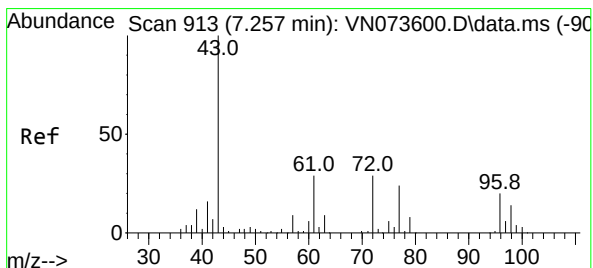
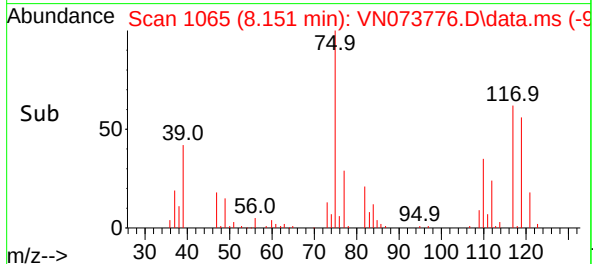
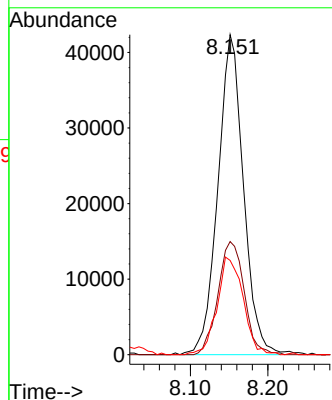
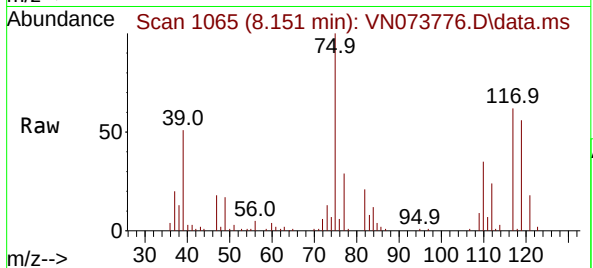
VSTDCCC020EC

Tgt Ion: 75 Resp: 9706
Ion Ratio Lower Upper
75 100
110 36.3 0.0 74.2
77 30.9 0.0 63.2

Manual Integrations

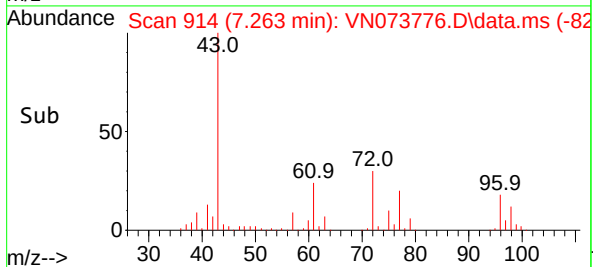
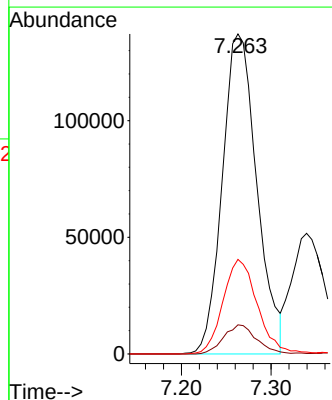
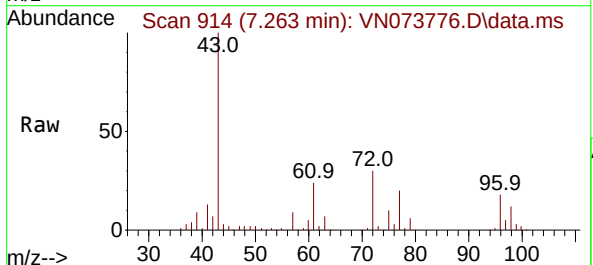
APPROVED

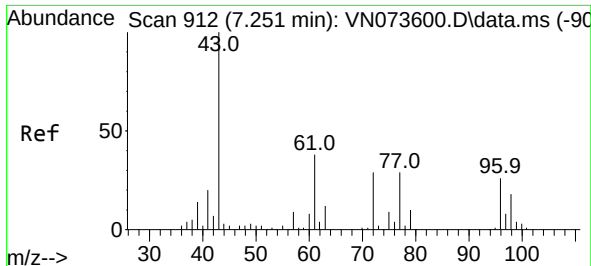
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#30
2-Butanone
Concen: 102.252 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

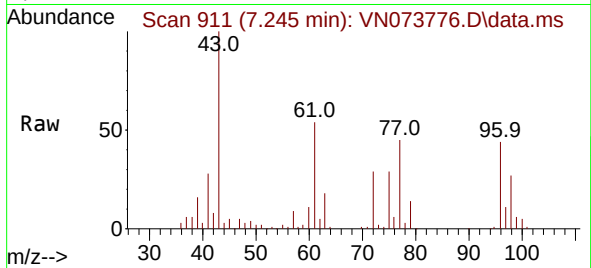
Tgt Ion: 43 Resp: 366915
Ion Ratio Lower Upper
43 100
57 8.6 6.7 10.1
72 29.4 23.2 34.8





#31
2,2-Dichloropropane
Concen: 18.868 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

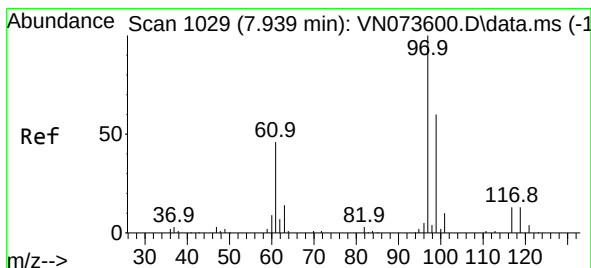
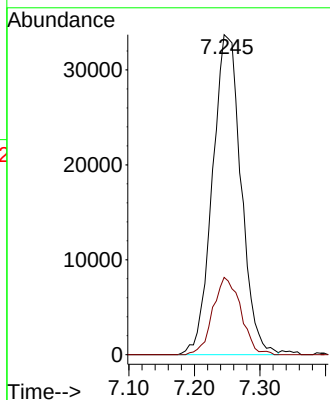
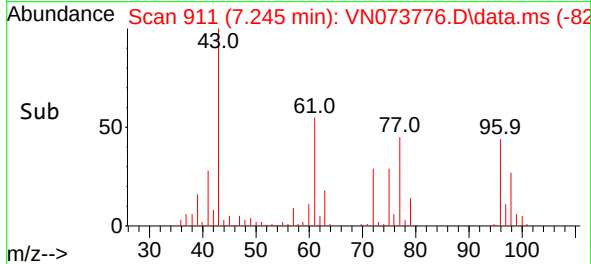
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



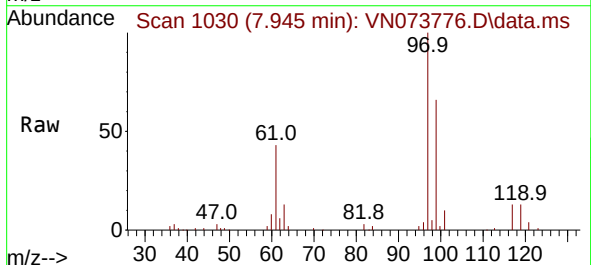
Tgt Ion: 77 Resp: 102199
Ion Ratio Lower Upper
77 100
97 23.3 18.3 27.5

Manual Integrations
APPROVED

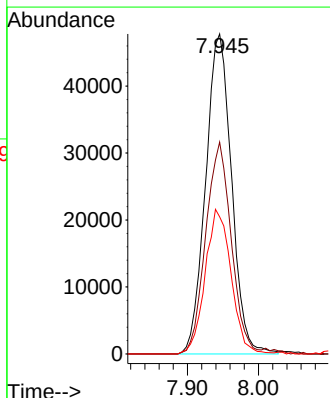
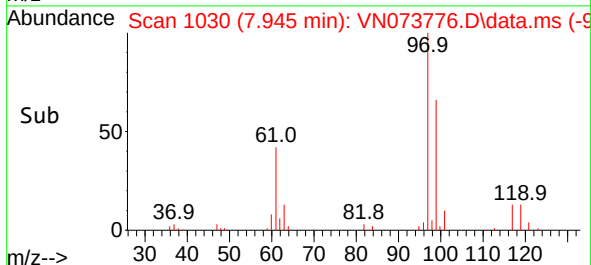
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022

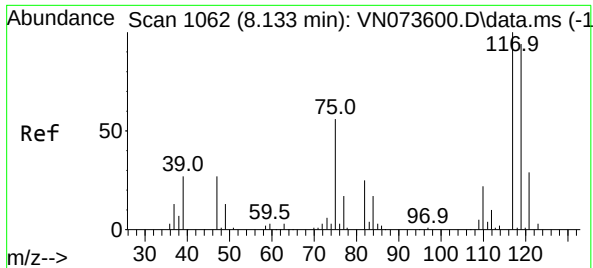


#32
1,1,1-Trichloroethane
Concen: 20.193 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40



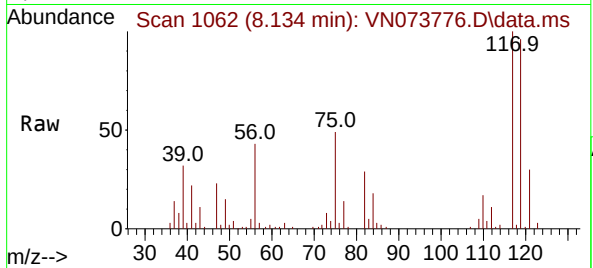
Tgt Ion: 97 Resp: 121322
Ion Ratio Lower Upper
97 100
99 65.1 50.4 75.6
61 45.1 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.554 ug/l
RT: 8.134 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

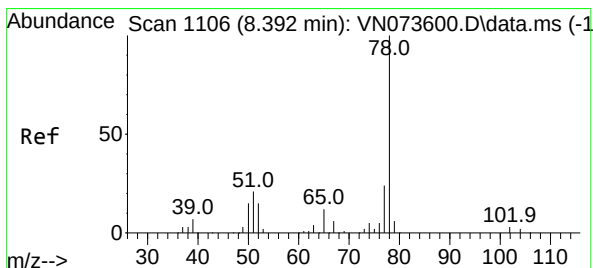
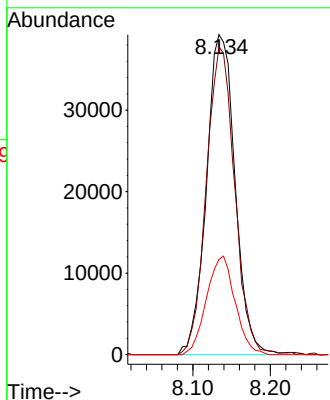
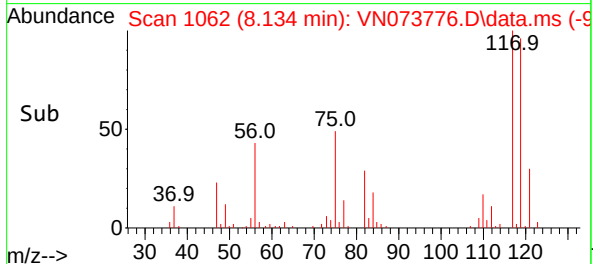
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



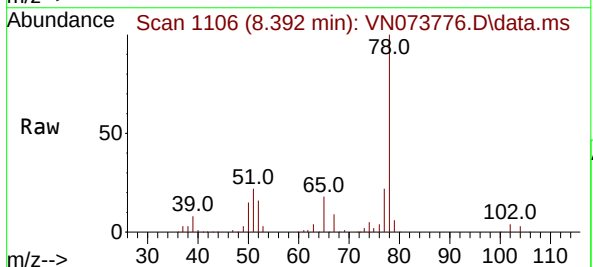
Tgt Ion:117 Resp: 10074
Ion Ratio Lower Upper
117 100
119 96.2 77.5 116.3
121 29.8 23.5 35.3

Manual Integrations
APPROVED

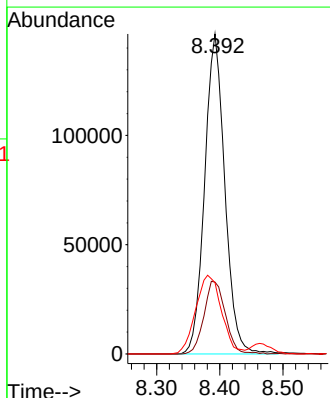
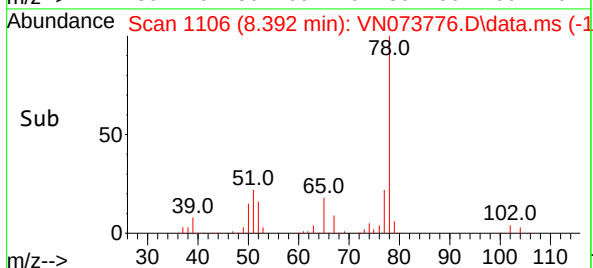
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022

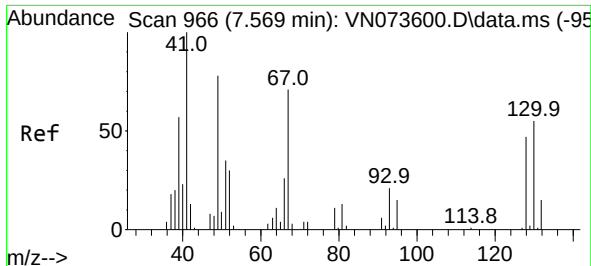


#34
Benzene
Concen: 19.370 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40



Tgt Ion: 78 Resp: 325356
Ion Ratio Lower Upper
78 100
77 22.5 19.1 28.7
51 21.9 16.0 24.0





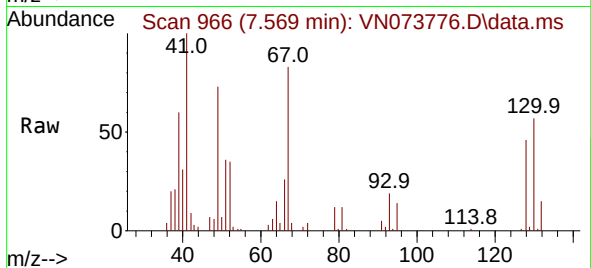
#35
Methacrylonitrile
Concen: 23.209 ug/l
RT: 7.569 min Scan# 966
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



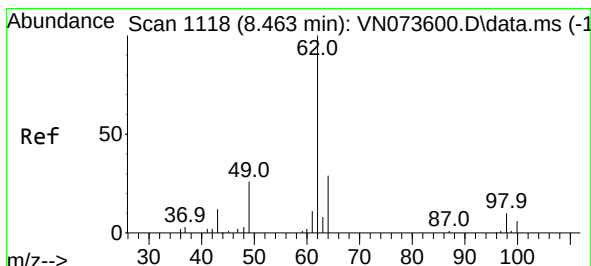
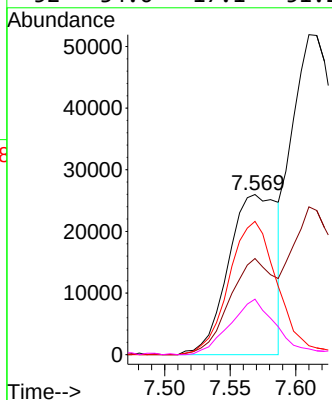
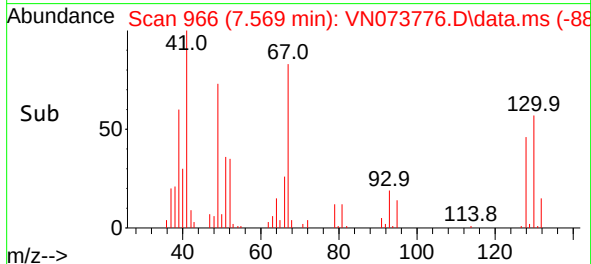
Tgt Ion: 41 Resp: 6760
Ion Ratio Lower Upper
41 100
39 60.1 28.0 83.9
67 83.3 37.7 113.1
52 34.6 17.1 51.2

Manual Integrations

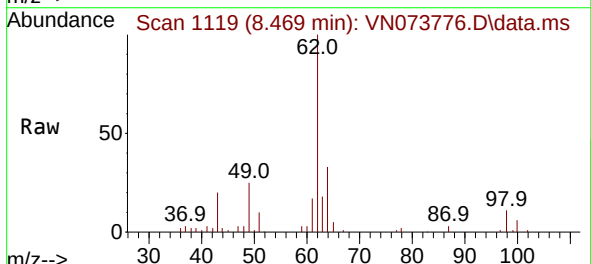
APPROVED

Reviewed By :John Carlone 08/09/2022

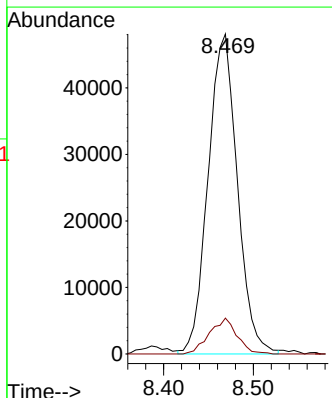
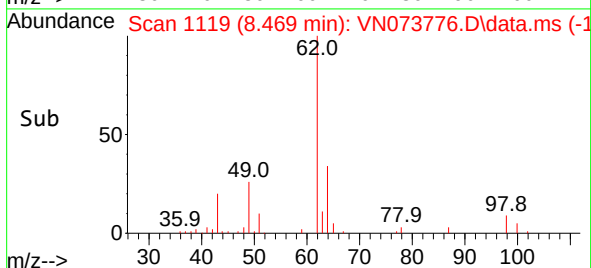
Supervised By :Mahesh Dadoda 08/09/2022

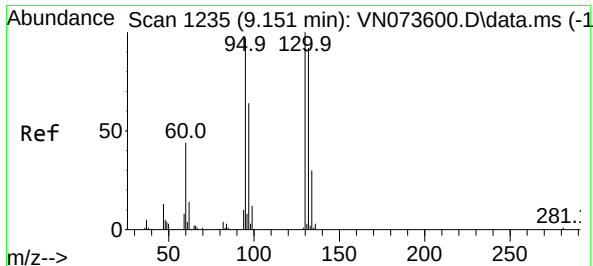


#36
1,2-Dichloroethane
Concen: 19.667 ug/l
RT: 8.469 min Scan# 1119
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40



Tgt Ion: 62 Resp: 108933
Ion Ratio Lower Upper
62 100
98 10.6 6.6 10.0#





#37

Trichloroethene

Concen: 19.223 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VN073776.D

Acq: 08 Aug 2022 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 7943

Ion Ratio Lower Upper

130 100

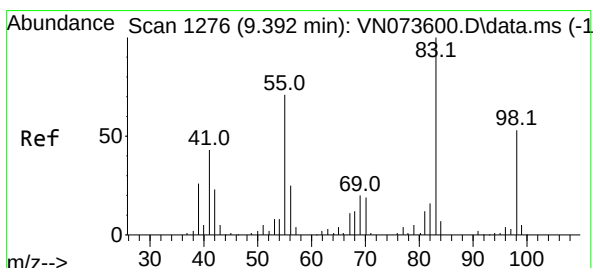
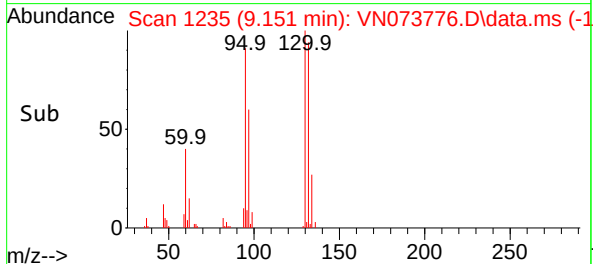
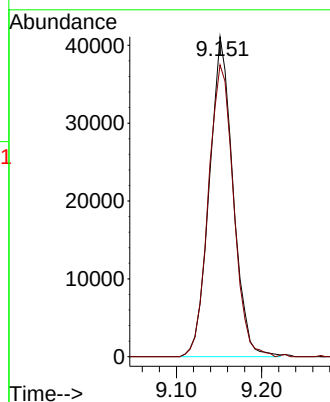
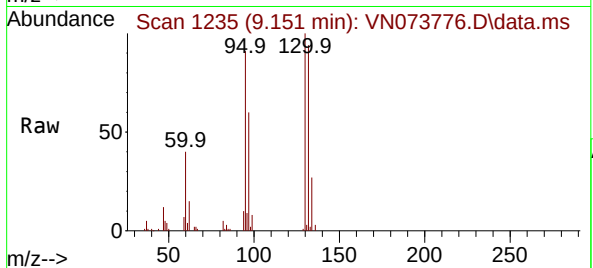
95 91.2 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2022

Supervised By :Mahesh Dadoda 08/09/2022



#38

Methylcyclohexane

Concen: 17.551 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN073776.D

Acq: 08 Aug 2022 17:40

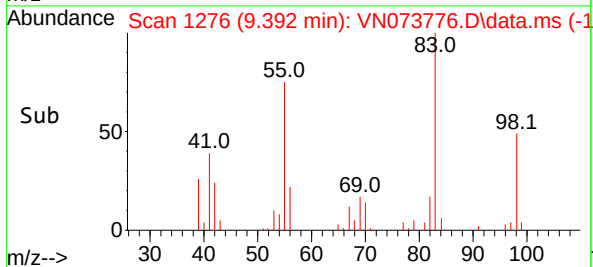
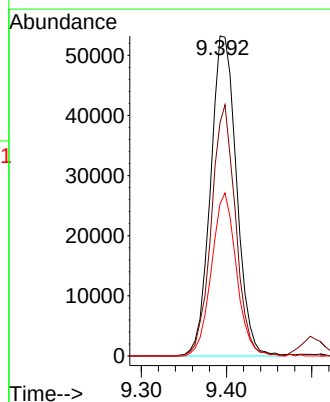
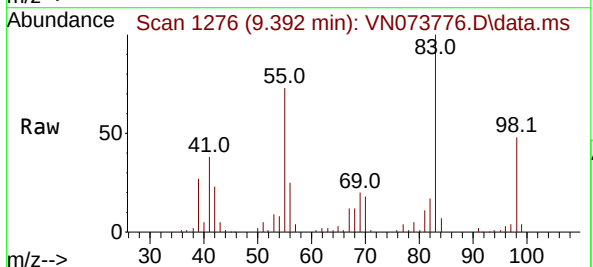
Tgt Ion: 83 Resp: 113093

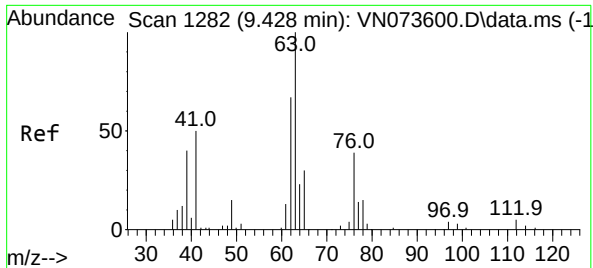
Ion Ratio Lower Upper

83 100

55 73.0 35.1 105.3

98 48.8 23.4 70.2





#39

1,2-Dichloropropane

Concen: 20.097 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073776.D

Acq: 08 Aug 2022 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 8516

Ion Ratio Lower Upper

63 100

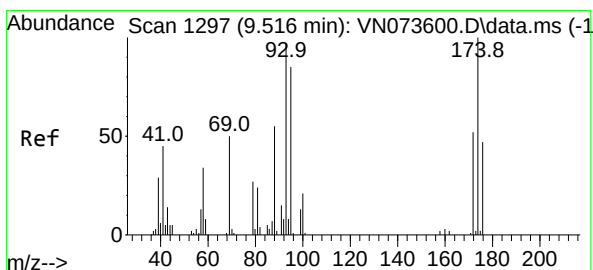
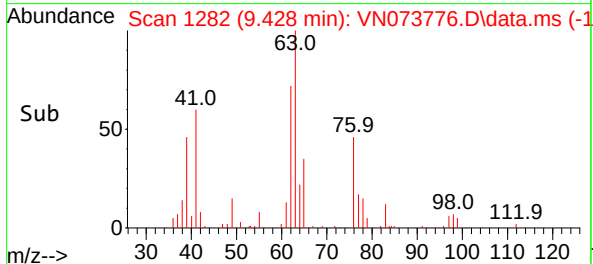
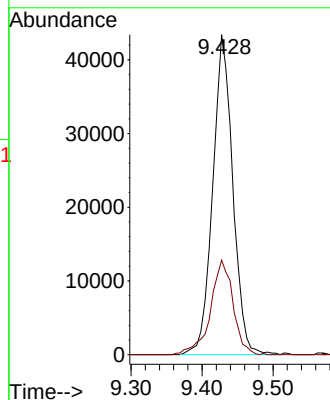
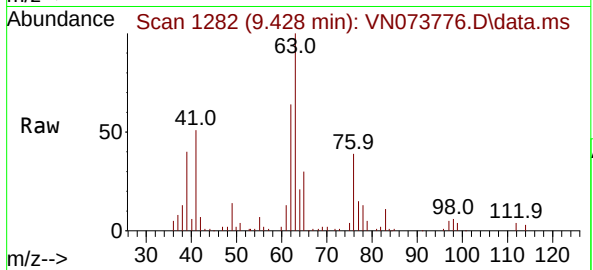
65 29.6 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2022

Supervised By :Mahesh Dadoda 08/09/2022



#40

Dibromomethane

Concen: 19.843 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN073776.D

Acq: 08 Aug 2022 17:40

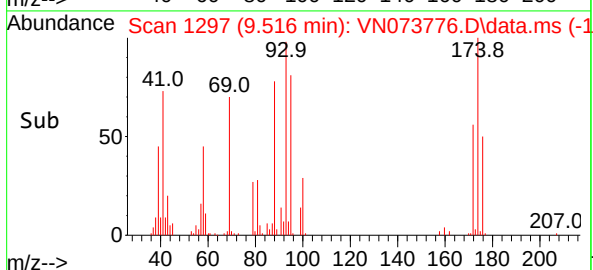
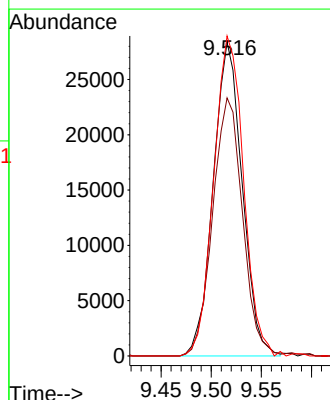
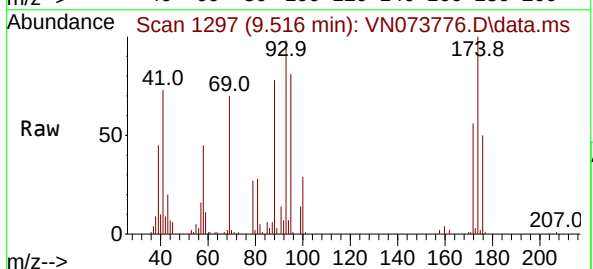
Tgt Ion: 93 Resp: 57058

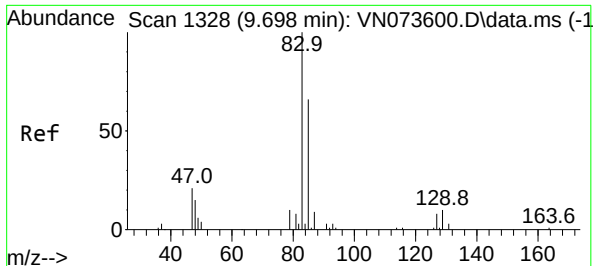
Ion Ratio Lower Upper

93 100

95 84.5 0.0 168.8

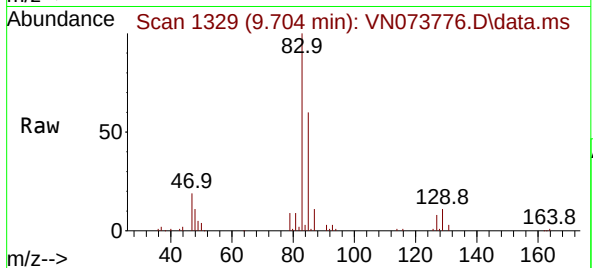
174 104.6 0.0 173.6





#41
Bromodichloromethane
Concen: 19.847 ug/l
RT: 9.704 min Scan# 111714
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

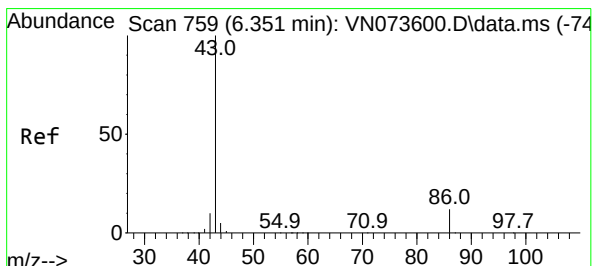
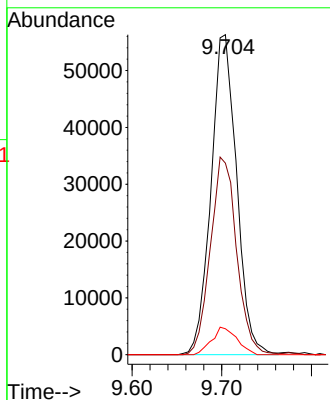
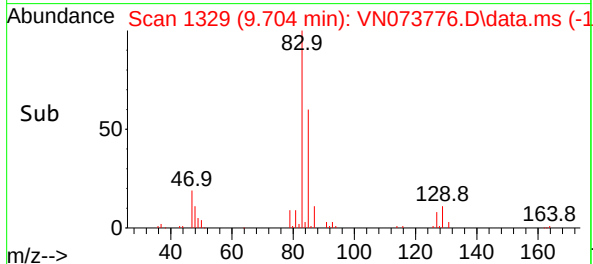
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 111714
Ion Ratio Lower Upper
83 100
85 59.8 54.1 81.1
127 8.1 7.6 11.4

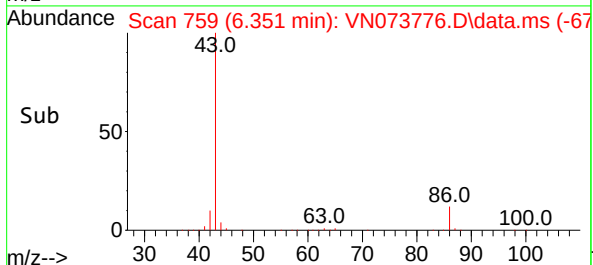
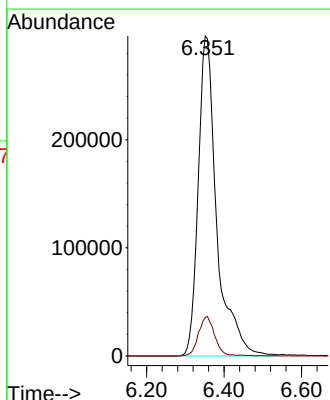
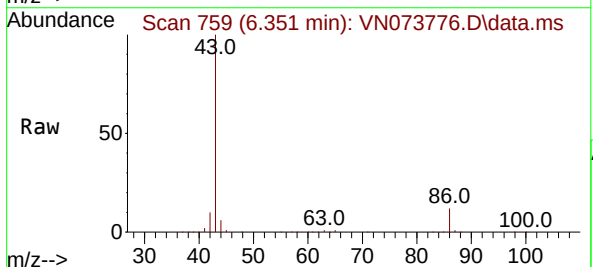
Manual Integrations
APPROVED

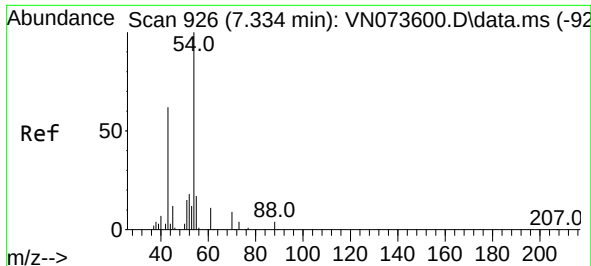
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#42
Vinyl Acetate
Concen: 95.021 ug/l
RT: 6.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

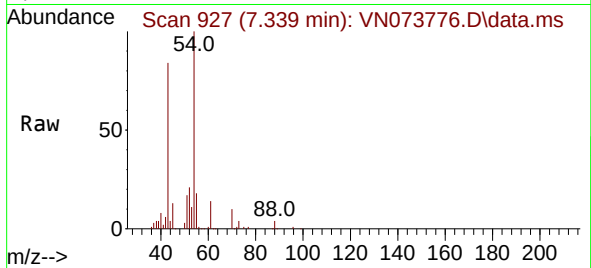
Tgt Ion: 43 Resp: 982513
Ion Ratio Lower Upper
43 100
86 10.7 7.5 11.3





#43
Ethyl Acetate
Concen: 18.970 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

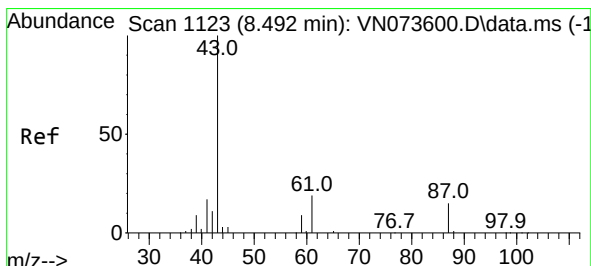
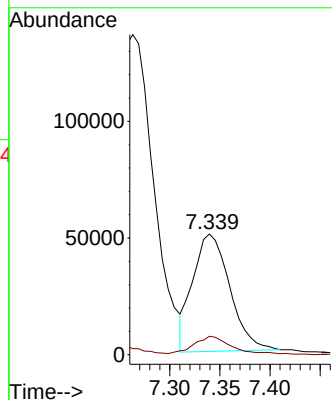
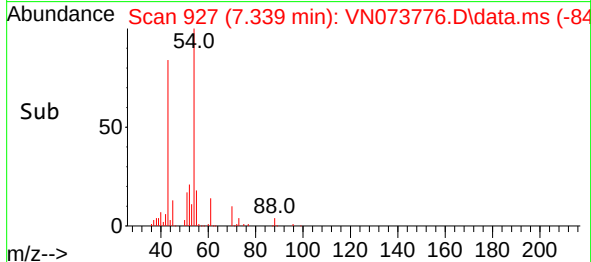
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 129228
Ion Ratio Lower Upper
43 100
45 13.3 10.6 16.0

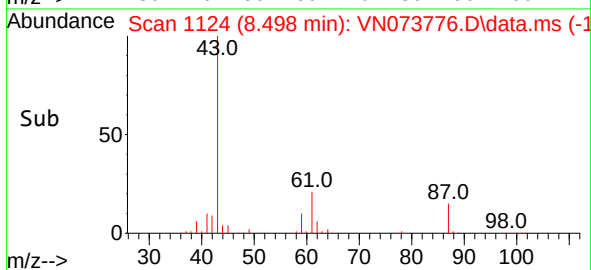
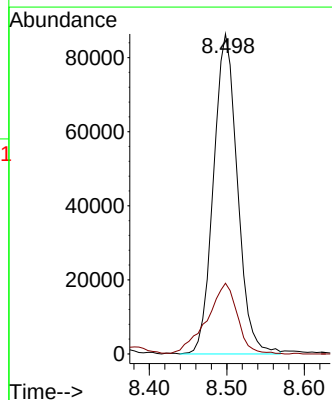
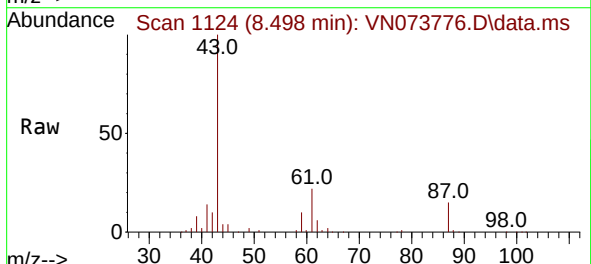
Manual Integrations
APPROVED

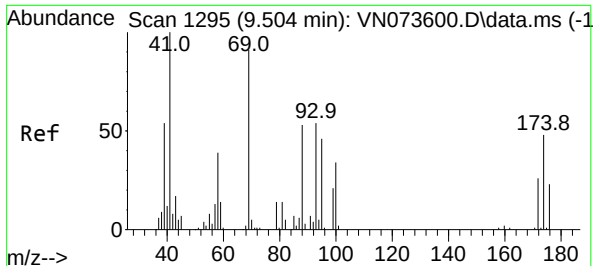
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#44
Isopropyl Acetate
Concen: 19.568 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

Tgt Ion: 43 Resp: 185374
Ion Ratio Lower Upper
43 100
61 28.0 20.1 30.1





#45

1,4-Dioxane

Concen: 442.714 ug/l

RT: 9.510 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VN073776.D

Acq: 08 Aug 2022 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 88 Resp: 5000

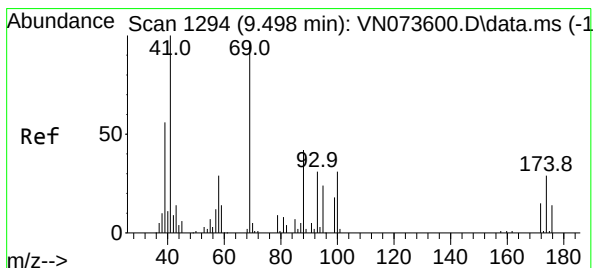
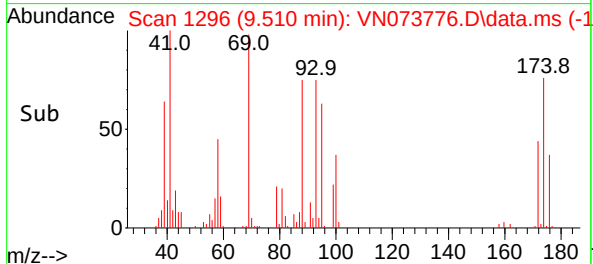
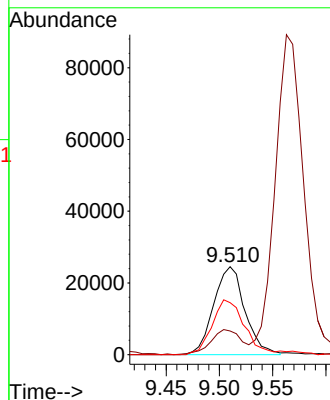
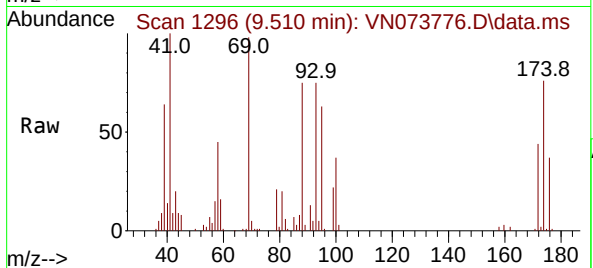
Ion	Ratio	Lower	Upper
88	100		
43	27.9	25.0	37.6
58	64.2	49.4	74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2022

Supervised By :Mahesh Dadoda 08/09/2022



#46

Methyl methacrylate

Concen: 18.666 ug/l

RT: 9.498 min Scan# 1294

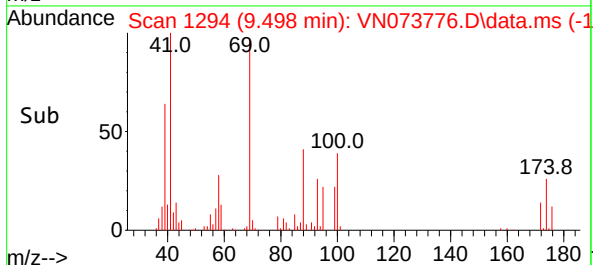
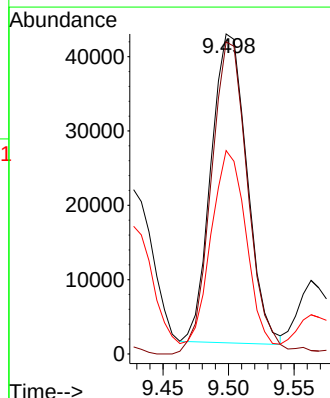
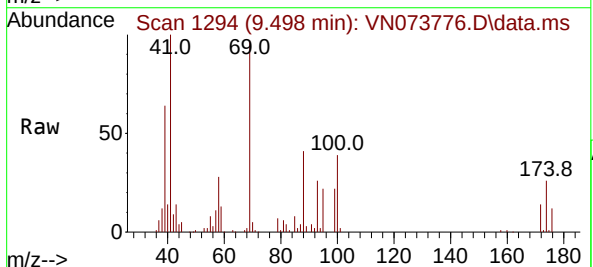
Delta R.T. 0.000 min

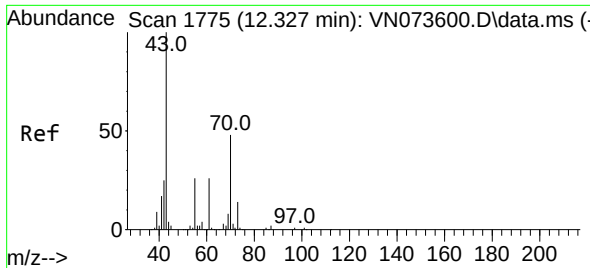
Lab File: VN073776.D

Acq: 08 Aug 2022 17:40

Tgt Ion: 41 Resp: 79077

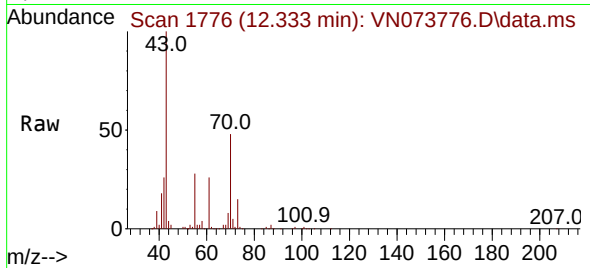
Ion	Ratio	Lower	Upper
41	100		
69	100.6	44.4	133.2
39	63.0	39.9	119.6





#47
n-amy1 Acetate
Concen: 18.179 ug/l m
RT: 12.333 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

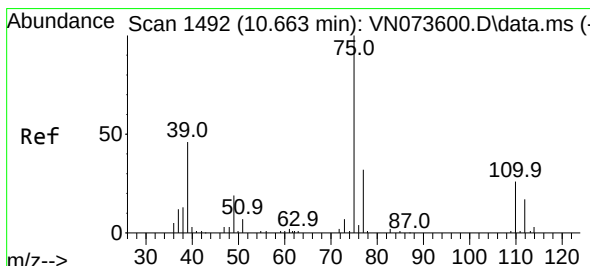
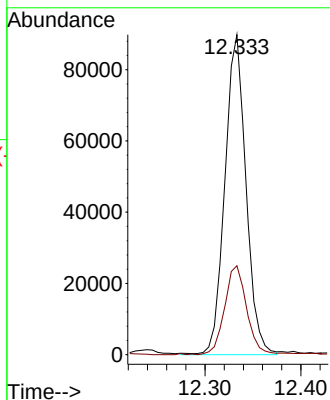
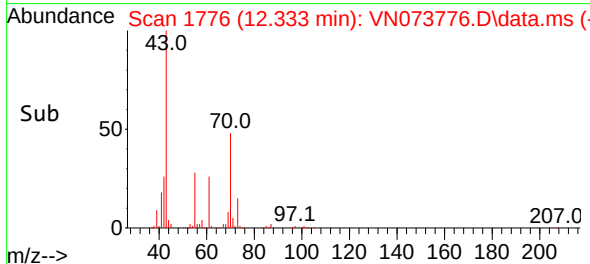
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 137292
Ion Ratio Lower Upper
43 100
55 0.1 19.0 28.6

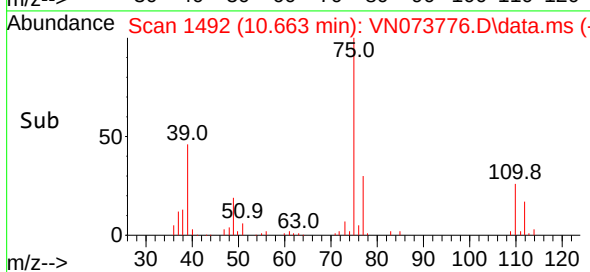
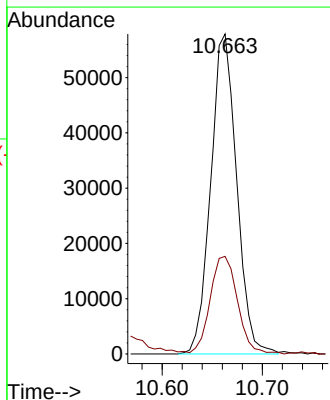
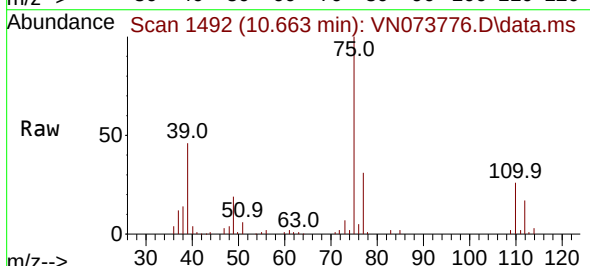
Manual Integrations
APPROVED

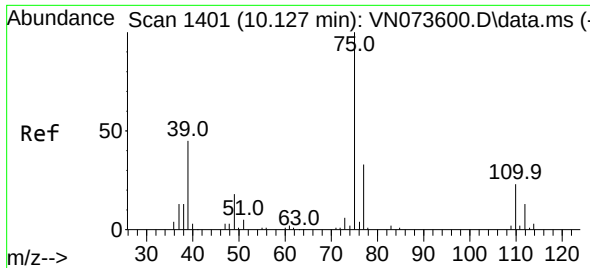
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#48
t-1,3-Dichloropropene
Concen: 17.922 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

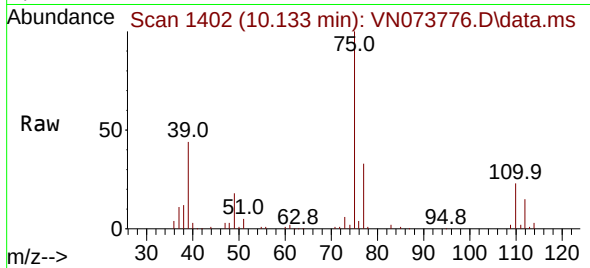
Tgt Ion: 75 Resp: 103856
Ion Ratio Lower Upper
75 100
77 30.0 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 18.643 ug/l
 RT: 10.133 min Scan# 1401
 Delta R.T. 0.006 min
 Lab File: VN073776.D
 Acq: 08 Aug 2022 17:40

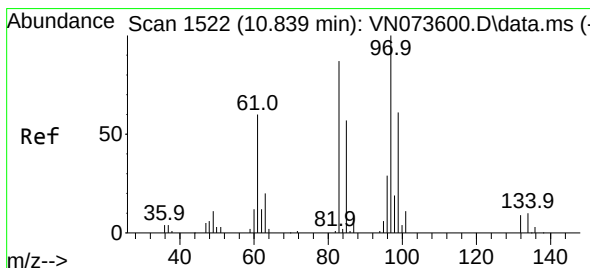
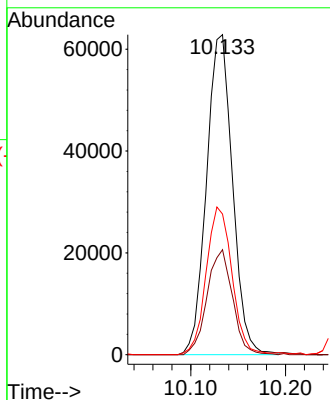
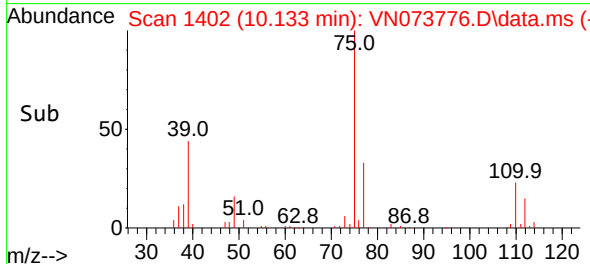
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 75 Resp: 11995
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.3 37.9
 39 44.0 46.2 69.4

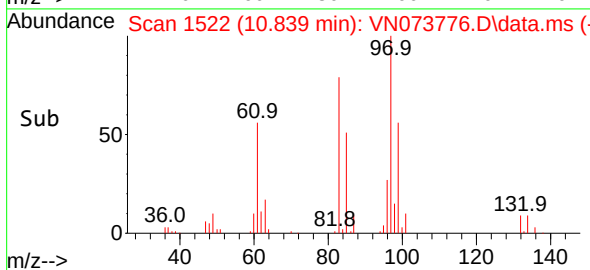
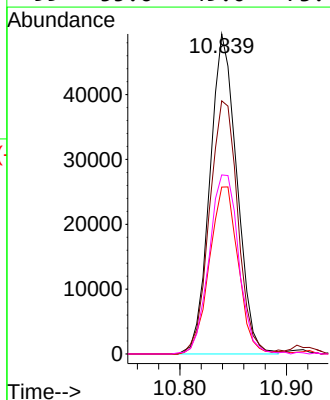
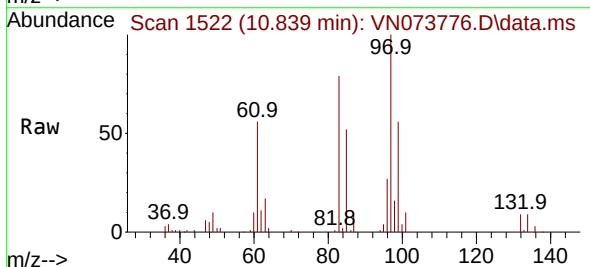
Manual Integrations
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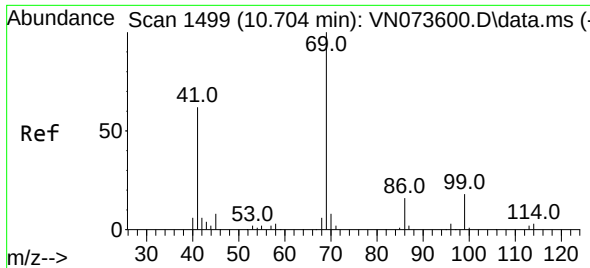
Reviewed By :John Carlone 08/09/2022
 Supervised By :Mahesh Dadoda 08/09/2022



#50
 1,1,2-Trichloroethane
 Concen: 20.186 ug/l
 RT: 10.839 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: VN073776.D
 Acq: 08 Aug 2022 17:40

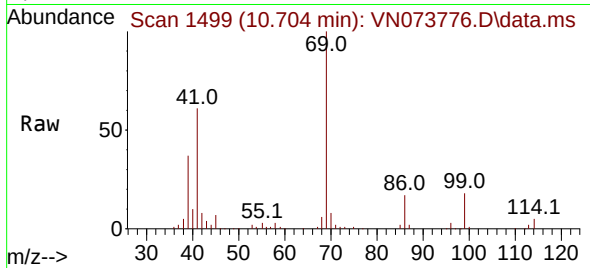
Tgt Ion: 97 Resp: 87082
 Ion Ratio Lower Upper
 97 100
 83 79.1 67.2 100.8
 85 52.1 43.0 64.4
 99 55.6 49.0 73.4





#51
Ethyl methacrylate
Concen: 18.640 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

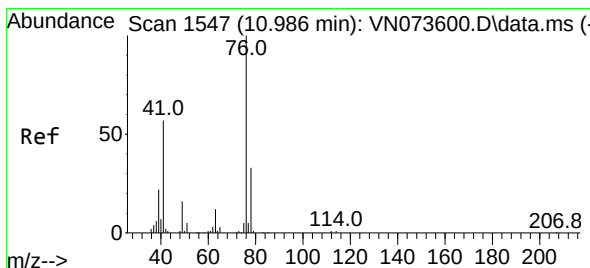
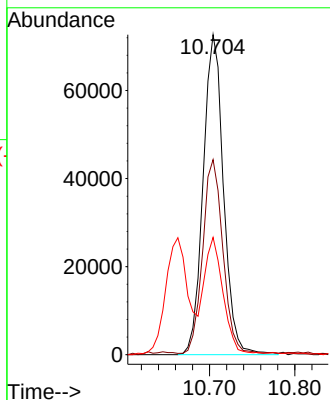
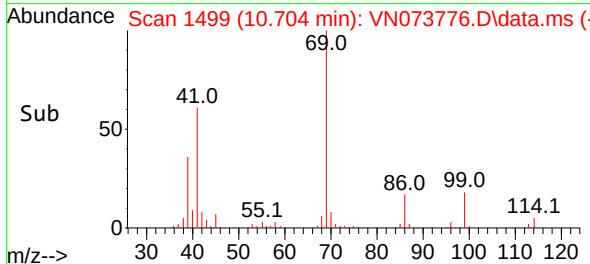
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



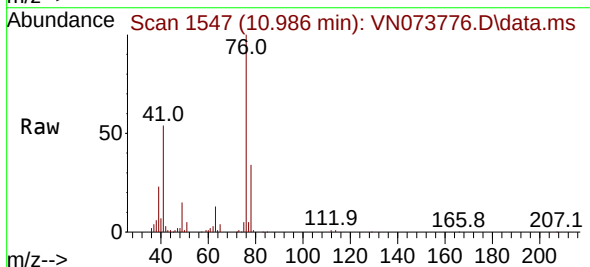
Tgt Ion: 69 Resp: 120895
Ion Ratio Lower Upper
69 100
41 60.6 33.0 98.9
39 36.2 25.4 76.4

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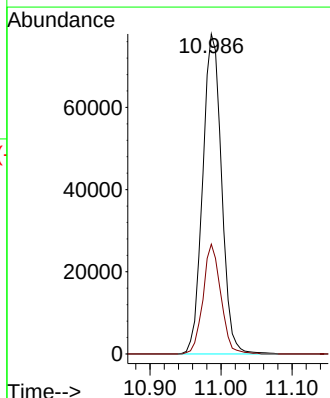
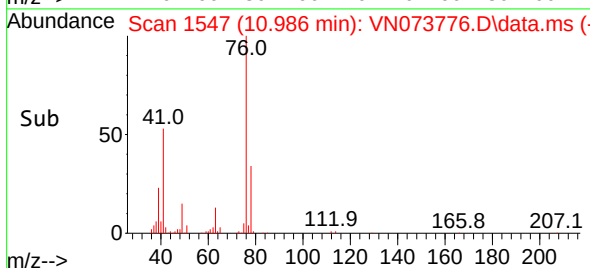
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022

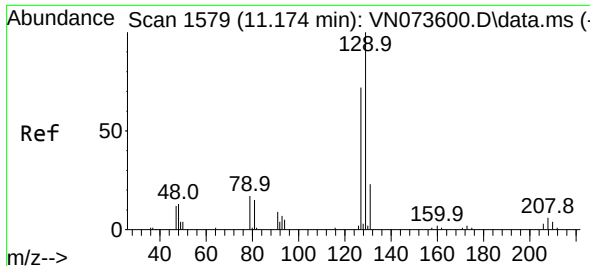


#52
1,3-Dichloropropane
Concen: 19.818 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40



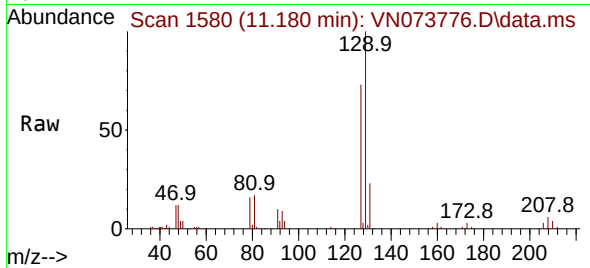
Tgt Ion: 76 Resp: 144105
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.4





#53
Dibromochloromethane
Concen: 19.787 ug/l
RT: 11.180 min Scan# 1579
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

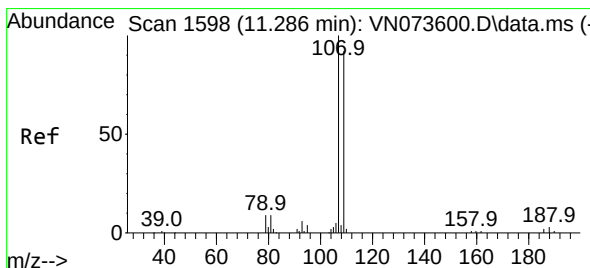
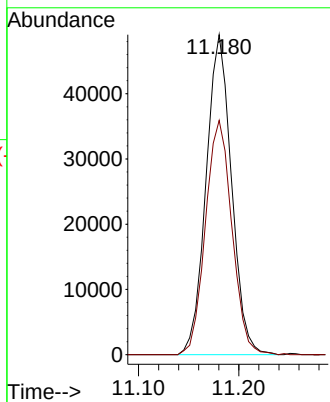
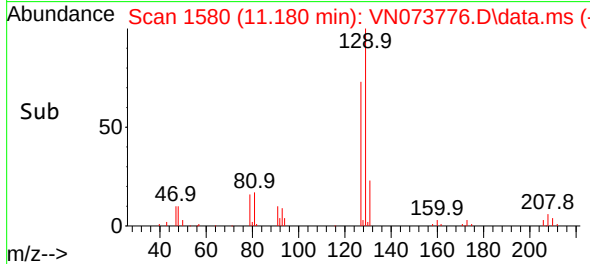
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



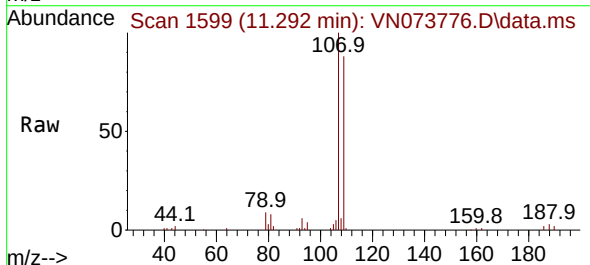
Tgt Ion:129 Resp: 86500
Ion Ratio Lower Upper
129 100
127 76.2 39.0 117.0

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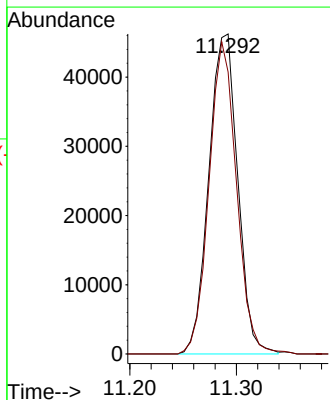
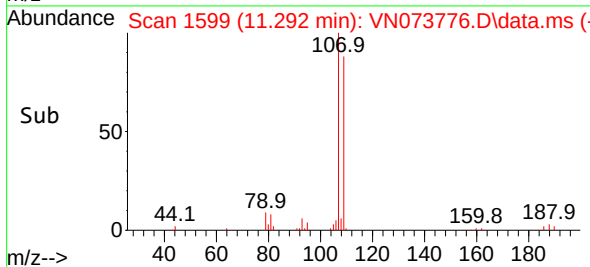
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022

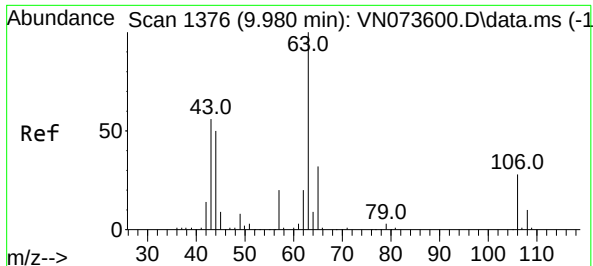


#54
1,2-Dibromoethane
Concen: 19.813 ug/l
RT: 11.292 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40



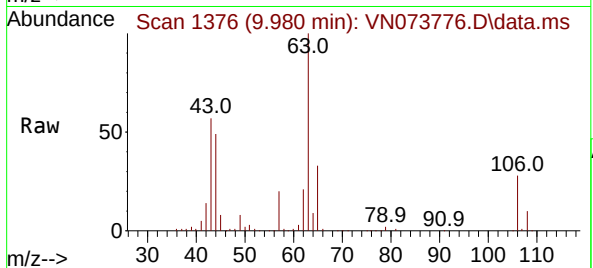
Tgt Ion:107 Resp: 87103
Ion Ratio Lower Upper
107 100
109 92.9 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 84.877 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

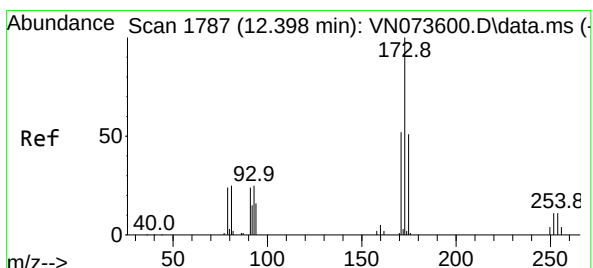
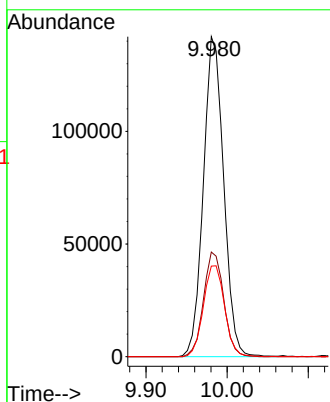
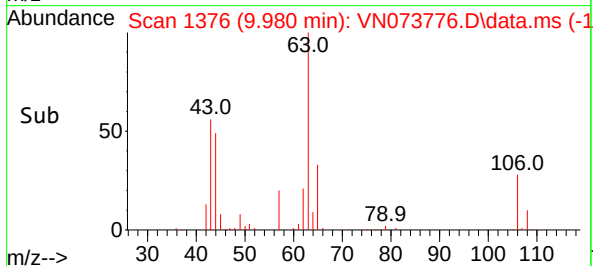
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 246900
Ion Ratio Lower Upper
63 100
65 32.5 25.4 38.0
106 29.7 23.2 34.8

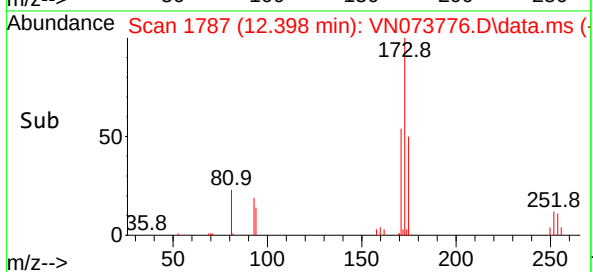
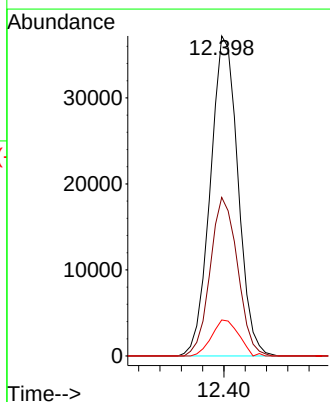
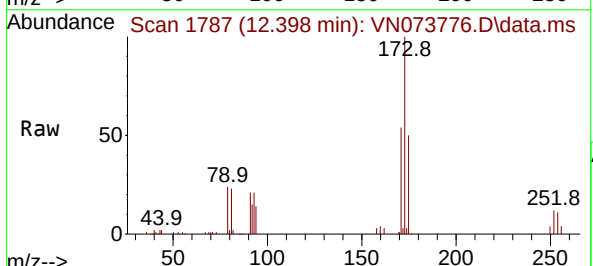
Manual Integrations
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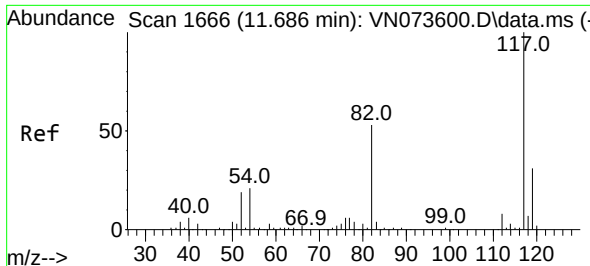
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#56
Bromoform
Concen: 19.481 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

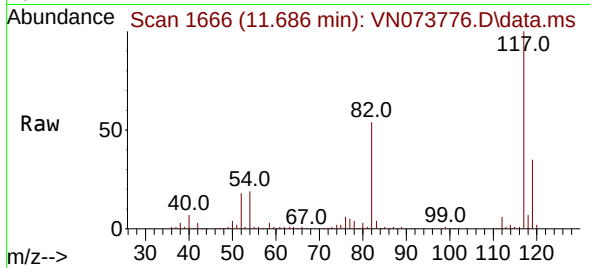
Tgt Ion:173 Resp: 66930
Ion Ratio Lower Upper
173 100
175 49.1 38.6 58.0
254 10.9 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

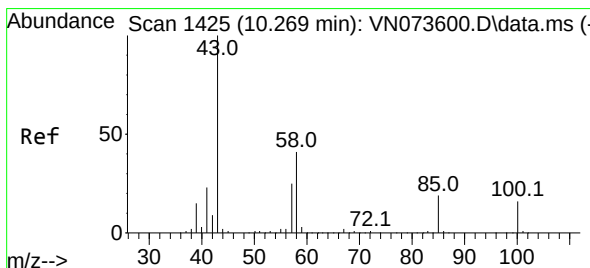
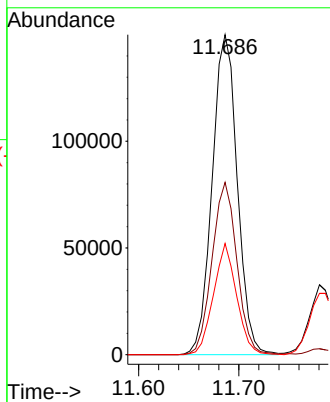
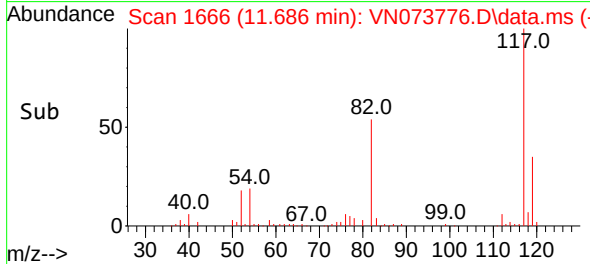
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



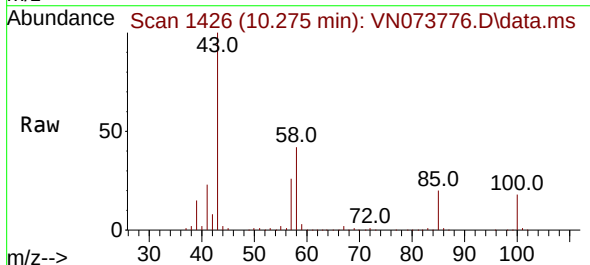
Tgt Ion:117 Resp: 26096
Ion Ratio Lower Upper
117 100
82 53.3 43.6 65.4
119 32.0 25.8 38.6

Manual Integrations
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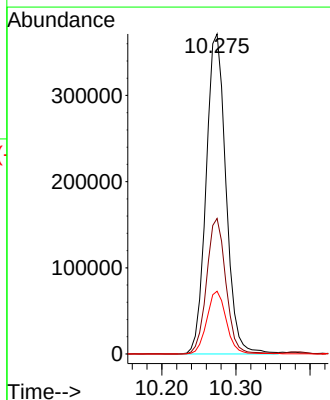
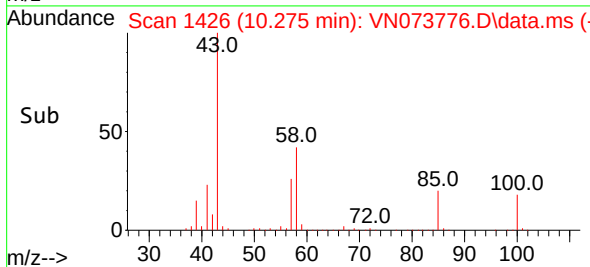
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022

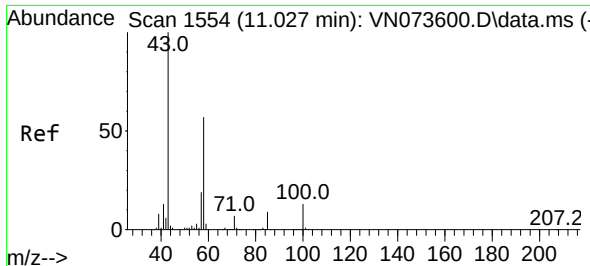


#58
4-Methyl-2-Pentanone
Concen: 102.314 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40



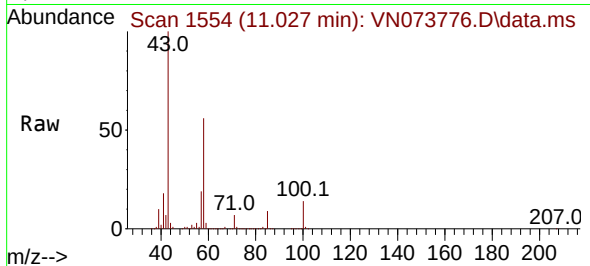
Tgt Ion: 43 Resp: 690401
Ion Ratio Lower Upper
43 100
58 41.2 30.0 45.0
85 19.3 15.0 22.6





#59
2-Hexanone
Concen: 102.027 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

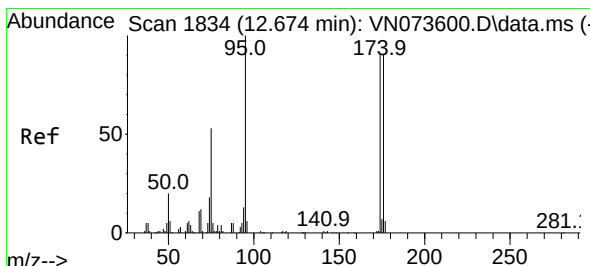
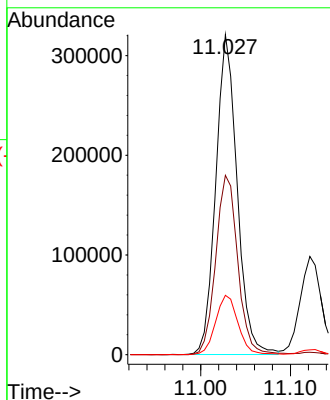
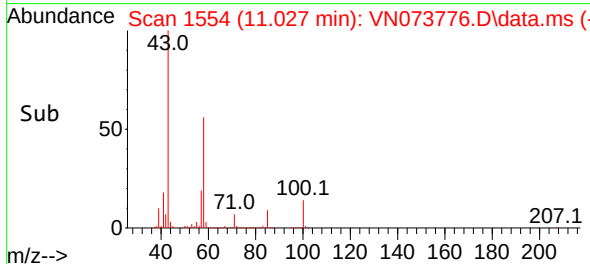
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



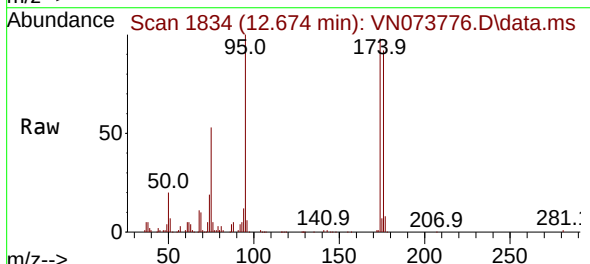
Tgt Ion: 43 Resp: 53028
Ion Ratio Lower Upper
43 100
58 57.8 42.2 63.2
57 19.6 15.0 22.4

Manual Integrations
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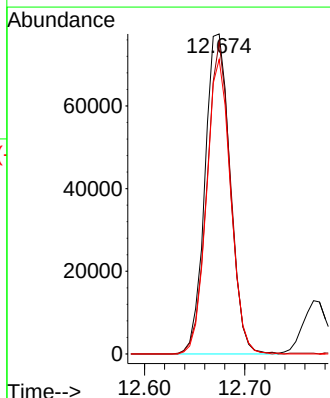
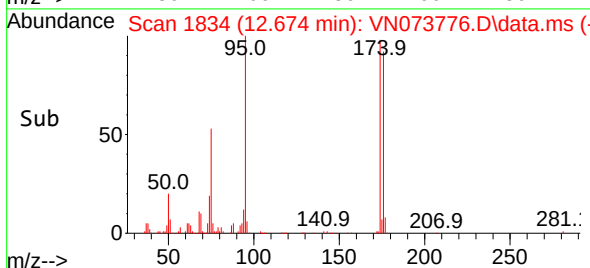
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022

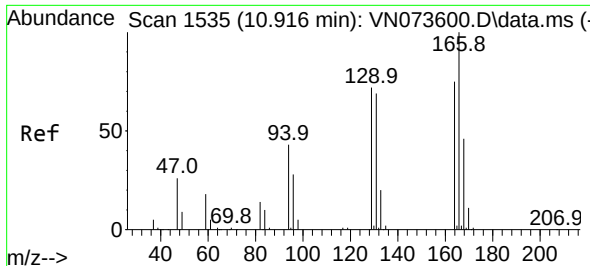


#60
4-Bromofluorobenzene
Concen: 29.253 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40



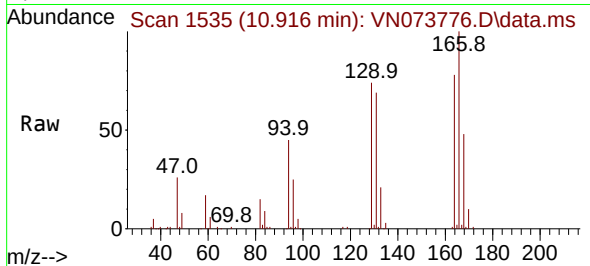
Tgt Ion: 95 Resp: 135172
Ion Ratio Lower Upper
95 100
174 91.5 62.9 94.3
176 88.0 61.0 91.4





#61
Tetrachloroethene
Concen: 19.357 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

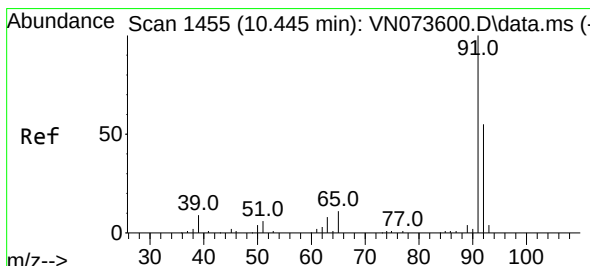
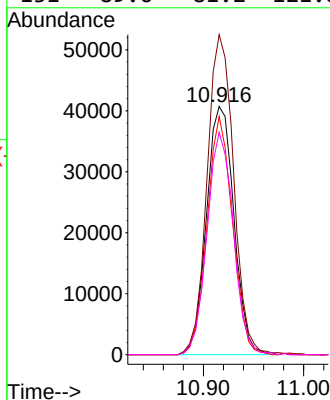
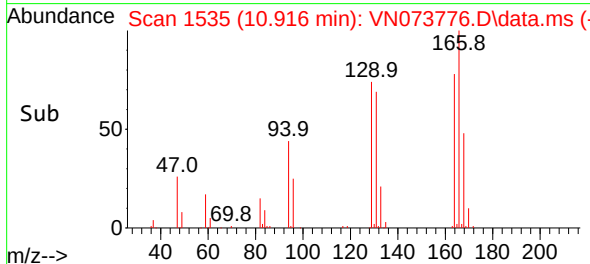
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



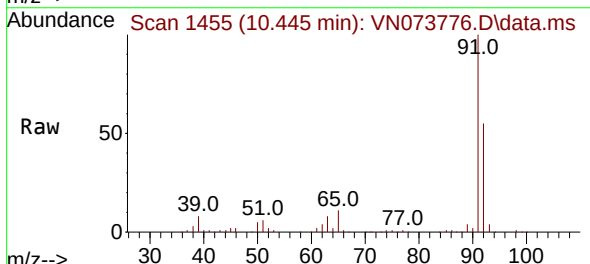
Tgt Ion:164 Resp: 7737
Ion Ratio Lower Upper
164 100
166 128.9 105.8 158.8
129 96.0 82.5 123.7
131 89.6 81.2 121.8

Manual Integrations
APPROVED

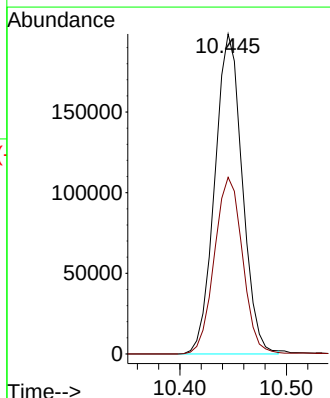
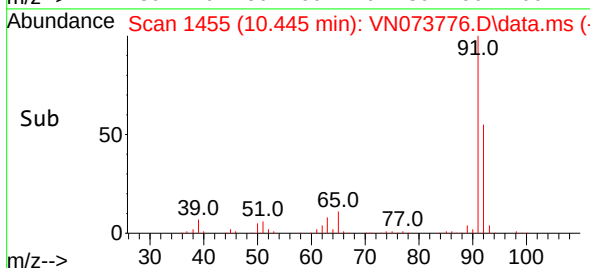
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022

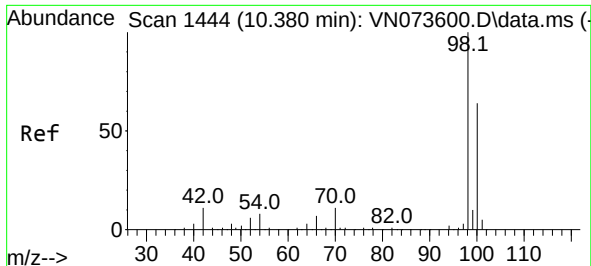


#62
Toluene
Concen: 19.590 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40



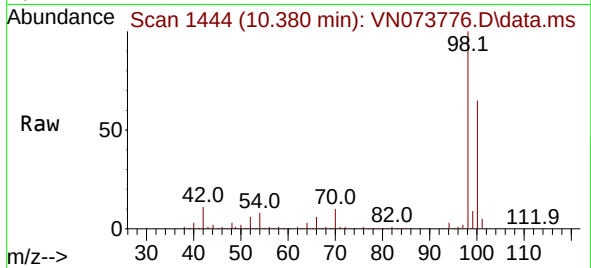
Tgt Ion: 91 Resp: 355515
Ion Ratio Lower Upper
91 100
92 56.5 44.6 67.0





#63
Toluene-d8
Concen: 30.258 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

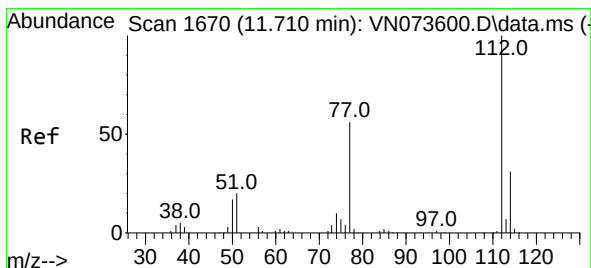
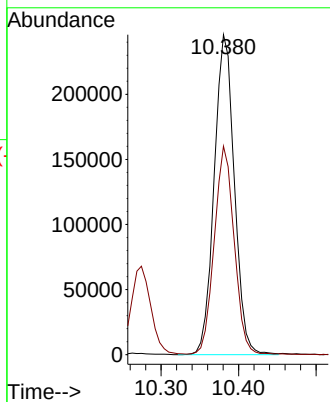
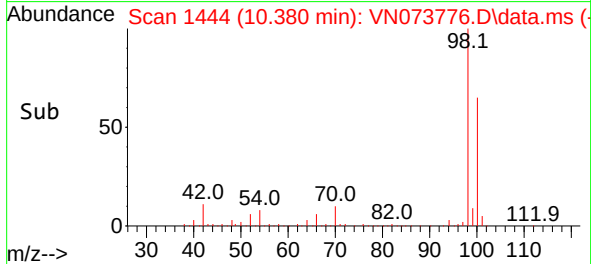
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



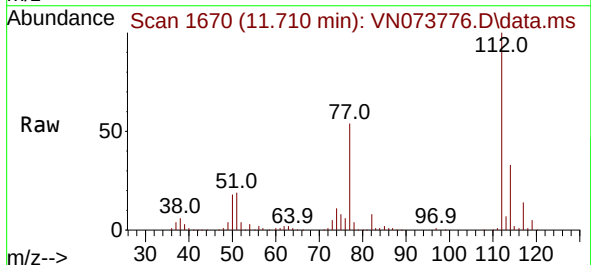
Tgt Ion: 98 Resp: 444634
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0

Manual Integrations
APPROVED

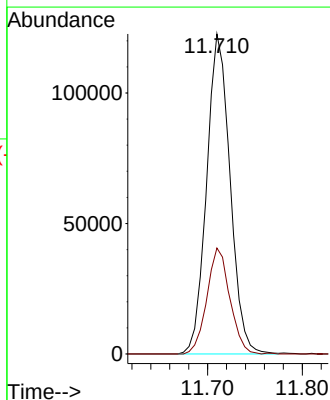
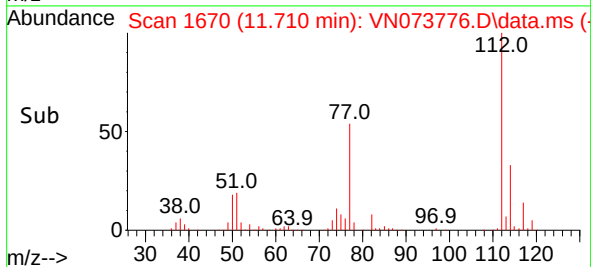
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022

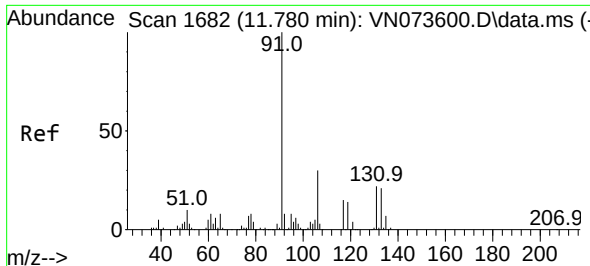


#64
Chlorobenzene
Concen: 19.458 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40



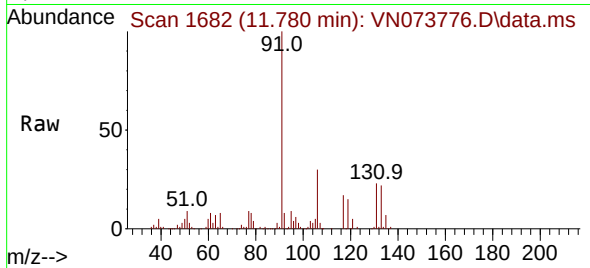
Tgt Ion:112 Resp: 210984
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.173 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

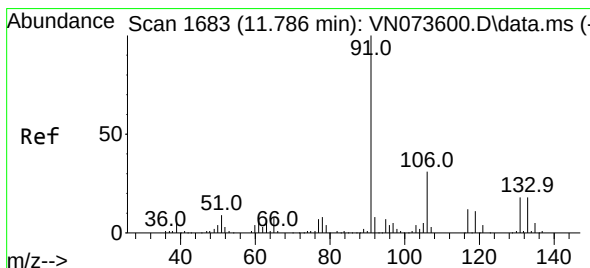
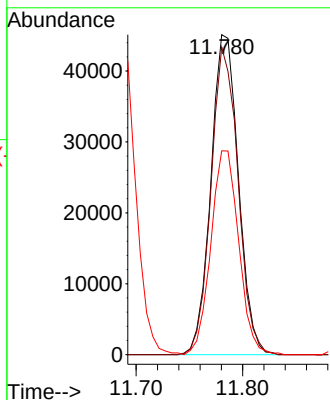
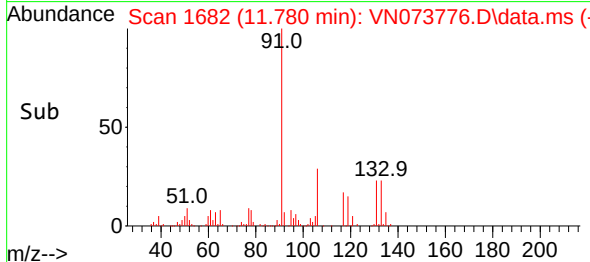
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 8119
Ion Ratio Lower Upper
131 100
133 94.4 0.0 191.2
119 64.3 0.0 128.8

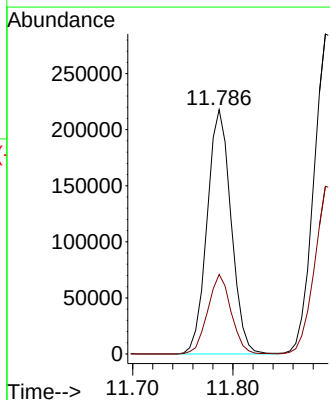
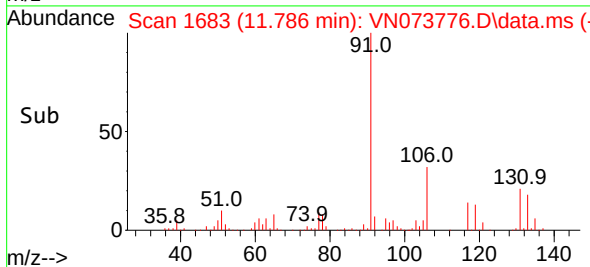
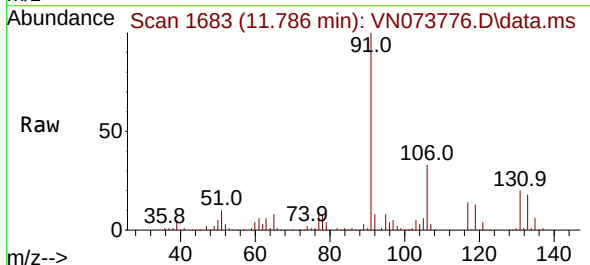
Manual Integrations
APPROVED

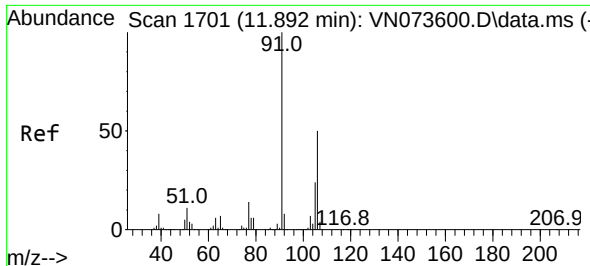
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#66
Ethyl Benzene
Concen: 18.662 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

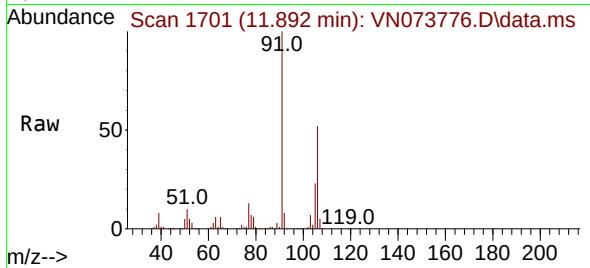
Tgt Ion: 91 Resp: 362064
Ion Ratio Lower Upper
91 100
106 32.5 24.0 36.0





#67
m/p-Xylenes
Concen: 38.675 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

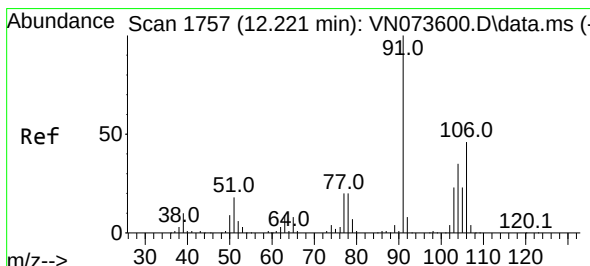
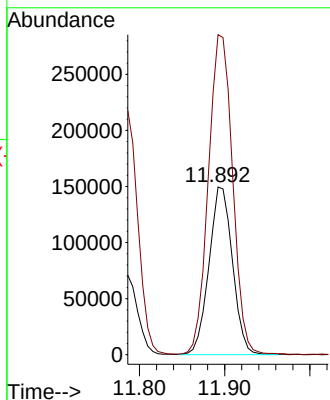
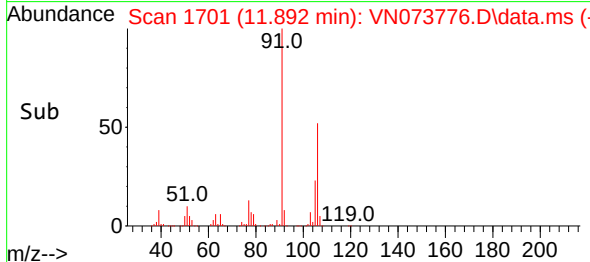
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



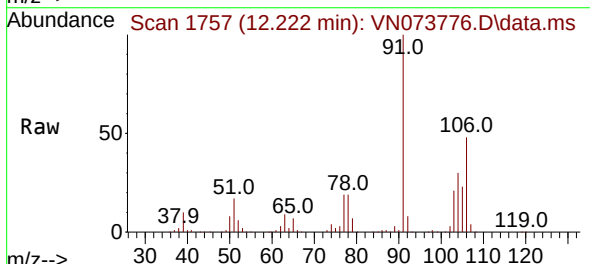
Tgt Ion:106 Resp: 28679
Ion Ratio Lower Upper
106 100
91 197.0 162.9 244.3

Manual Integrations
APPROVED

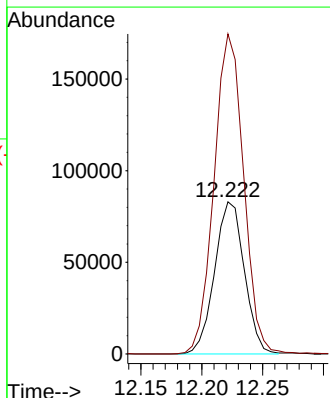
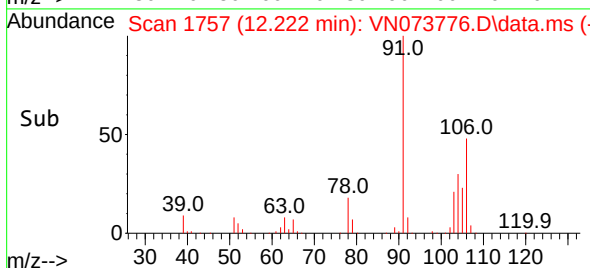
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022

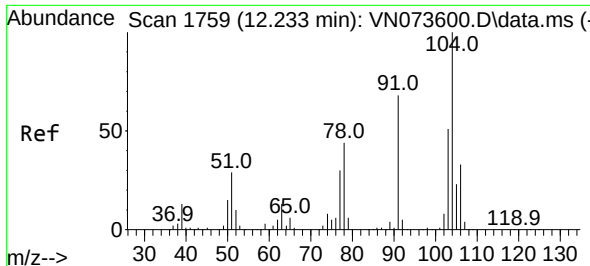


#68
o-Xylene
Concen: 19.144 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40



Tgt Ion:106 Resp: 141001
Ion Ratio Lower Upper
106 100
91 209.4 107.7 323.1





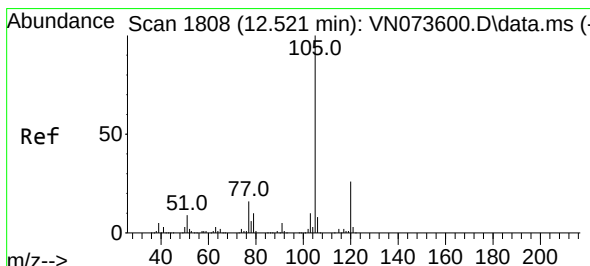
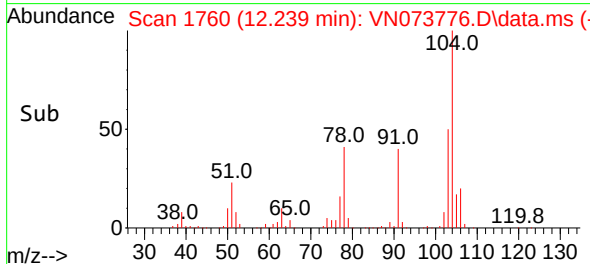
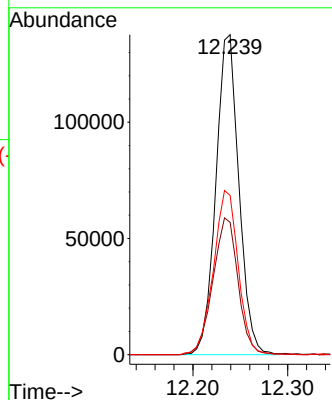
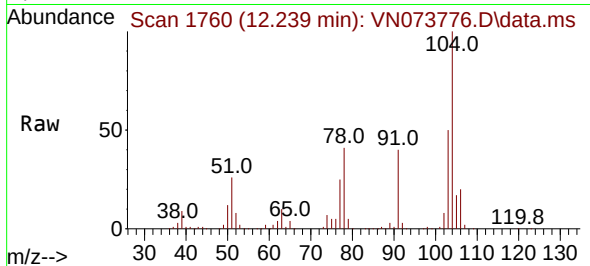
#69
Styrene
Concen: 19.172 ug/l
RT: 12.239 min Scan# 1759
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 232748
Ion Ratio Lower Upper
104 100
78 46.7 40.7 61.1
103 55.1 45.8 68.8

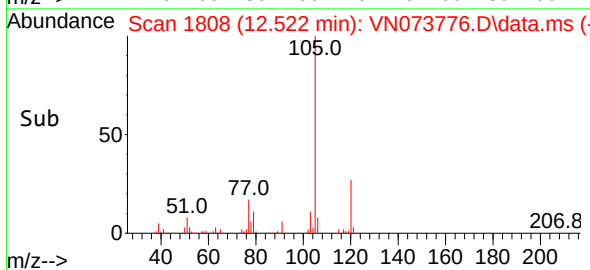
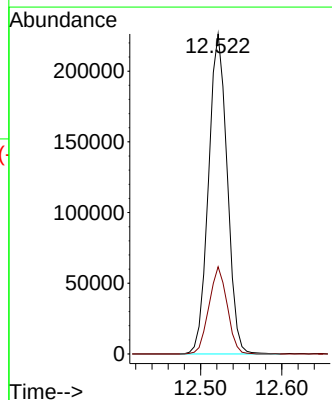
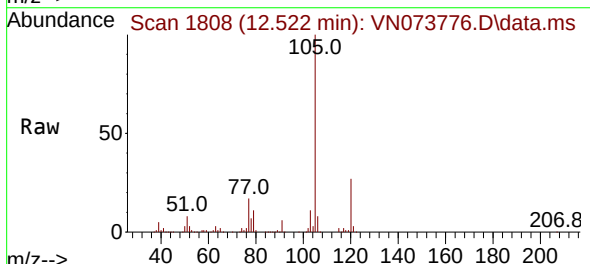
Manual Integrations
APPROVED

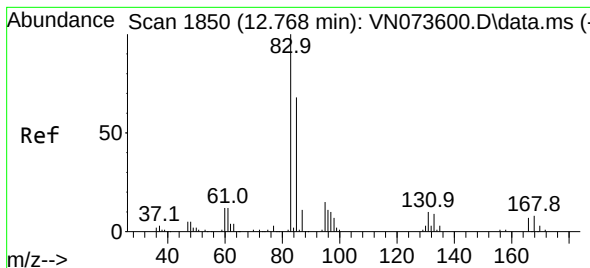
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#70
Isopropylbenzene
Concen: 19.202 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

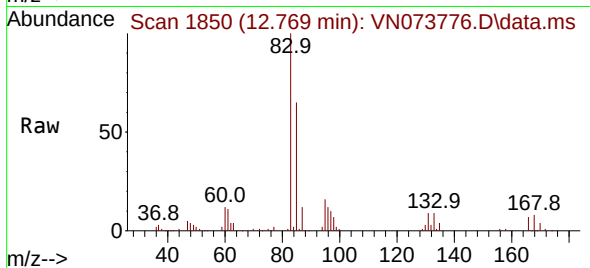
Tgt Ion:105 Resp: 361601
Ion Ratio Lower Upper
105 100
120 26.5 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.706 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

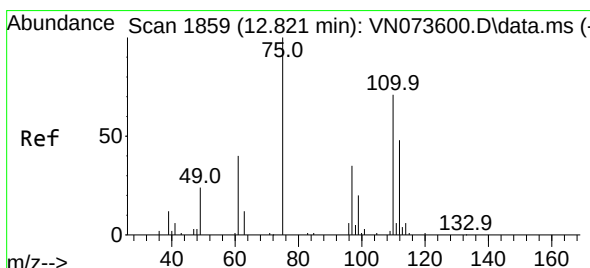
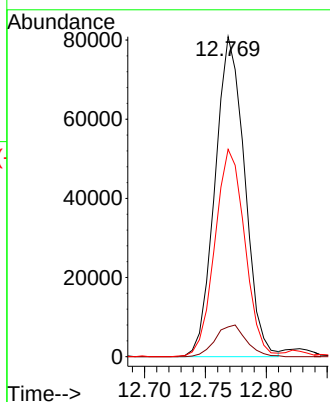
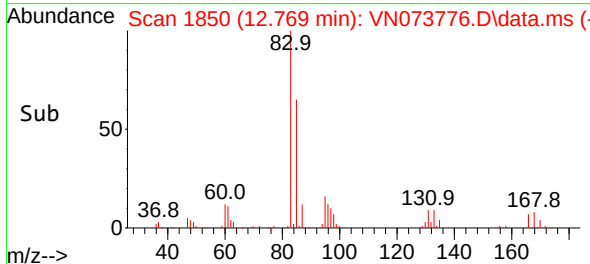
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 13710
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 65.6 33.1 99.2

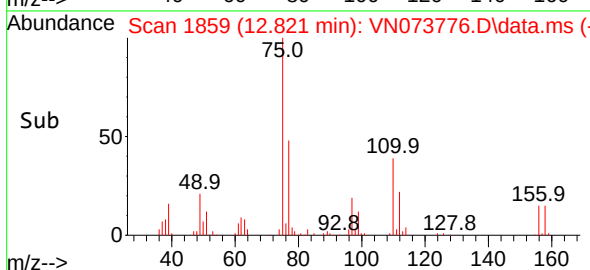
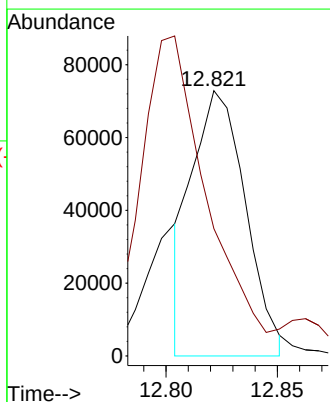
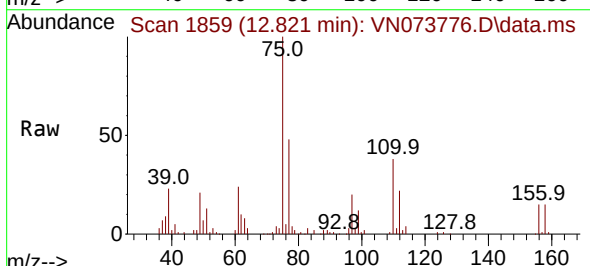
Manual Integrations
APPROVED

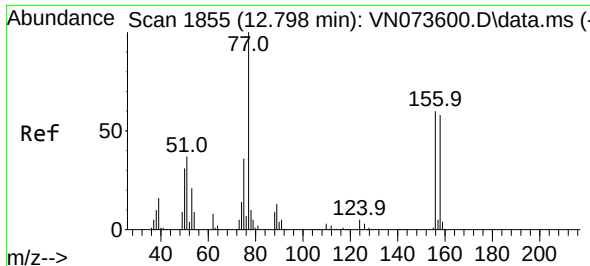
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#72
1,2,3-Trichloropropane
Concen: 22.052 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

Tgt Ion: 75 Resp: 121945
Ion Ratio Lower Upper
75 100
77 150.7 0.0 378.0





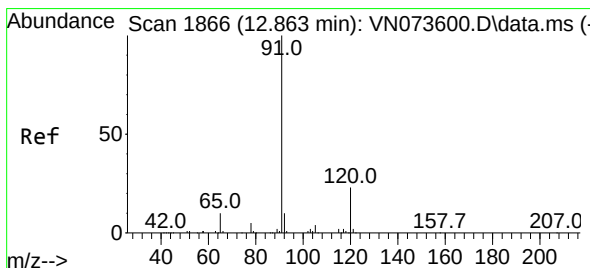
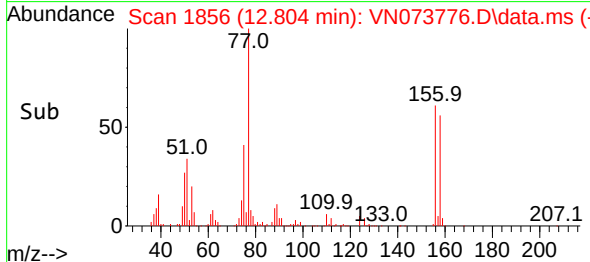
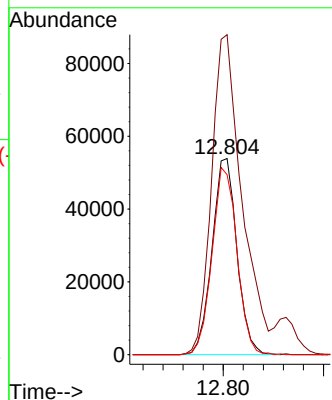
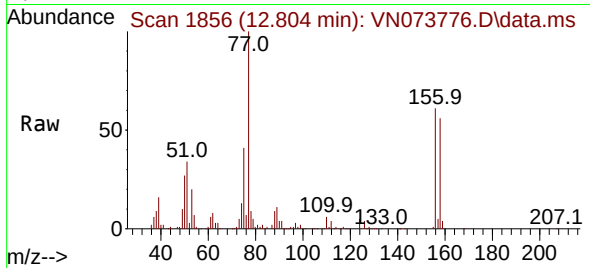
#73
Bromobenzene
Concen: 19.839 ug/l
RT: 12.804 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:156 Resp: 92799
Ion Ratio Lower Upper
156 100
77 198.0 0.0 416.0
158 95.4 0.0 195.4

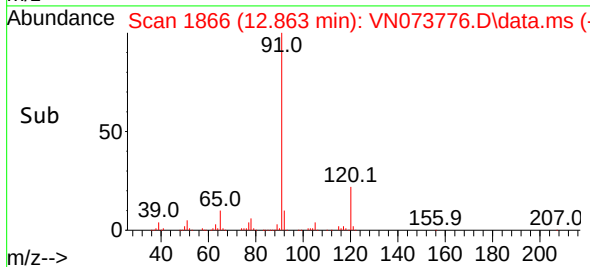
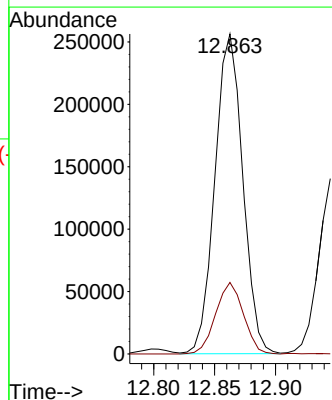
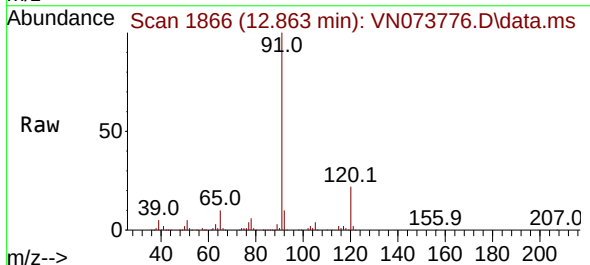
Manual Integrations
APPROVED

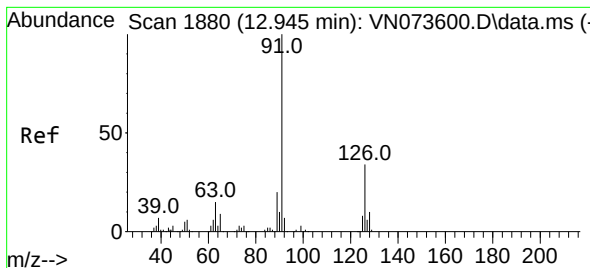
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#74
n-propylbenzene
Concen: 18.617 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

Tgt Ion: 91 Resp: 407982
Ion Ratio Lower Upper
91 100
120 22.2 0.0 45.0





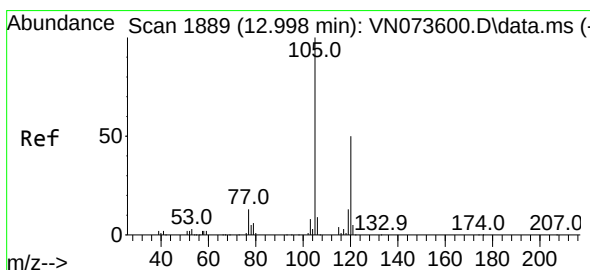
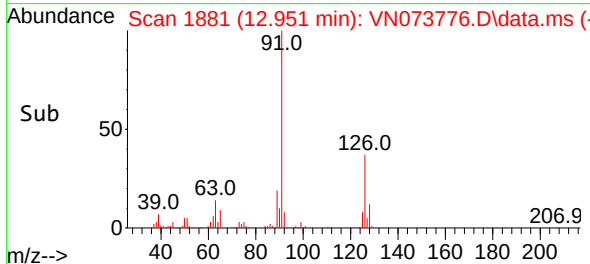
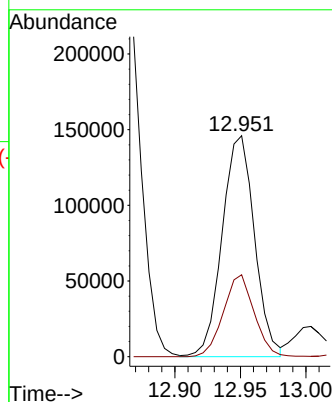
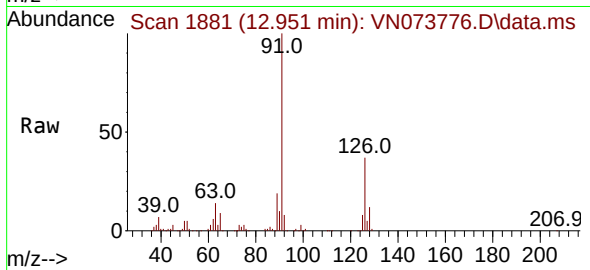
#75
2-Chlorotoluene
Concen: 19.079 ug/l
RT: 12.951 min Scan# 1880
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 25063
Ion Ratio Lower Upper
91 100
126 35.4 0.0 69.8

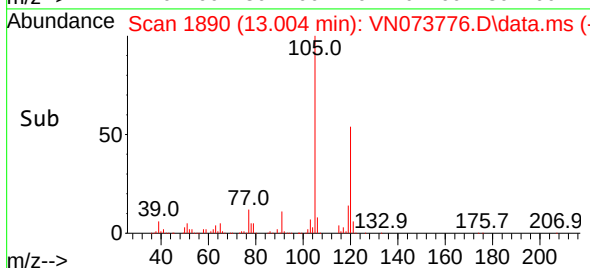
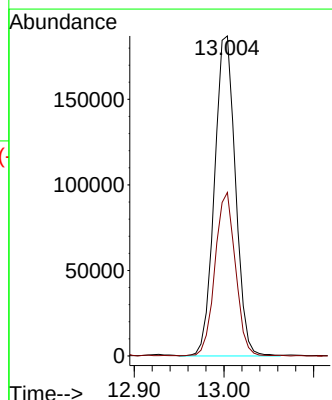
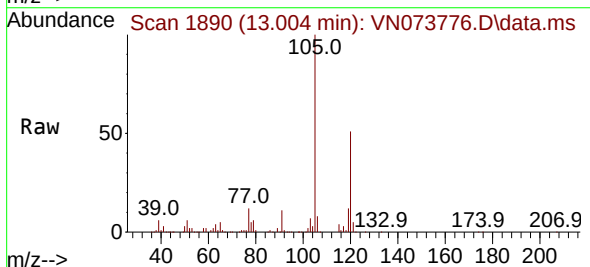
Manual Integrations
APPROVED

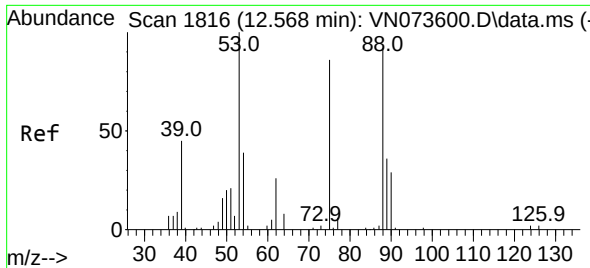
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.252 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

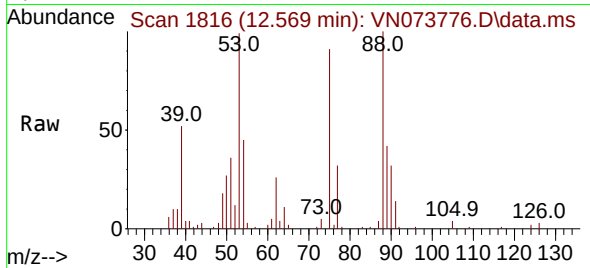
Tgt Ion:105 Resp: 303658
Ion Ratio Lower Upper
105 100
120 49.8 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 17.377 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

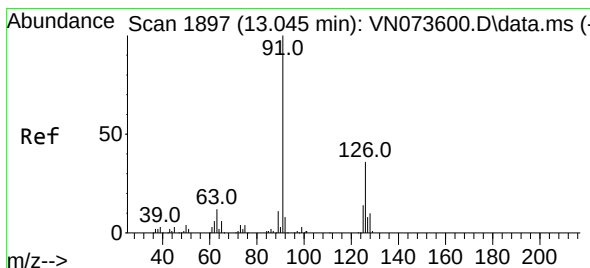
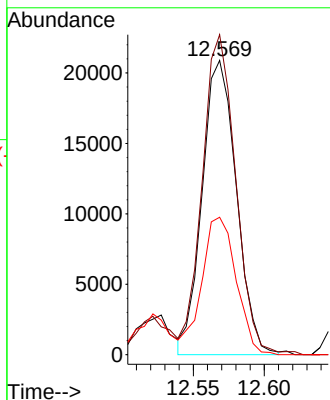
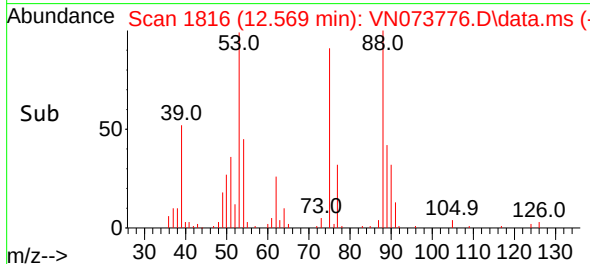
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 35019
Ion Ratio Lower Upper
75 100
53 108.8 51.8 155.5
89 47.1 22.9 68.7

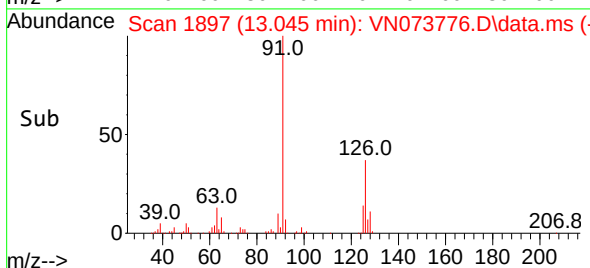
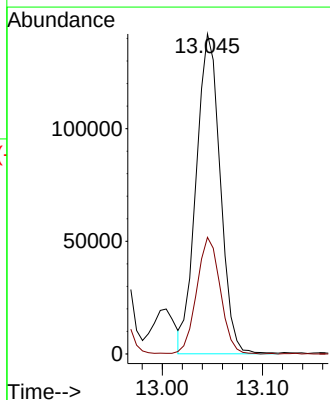
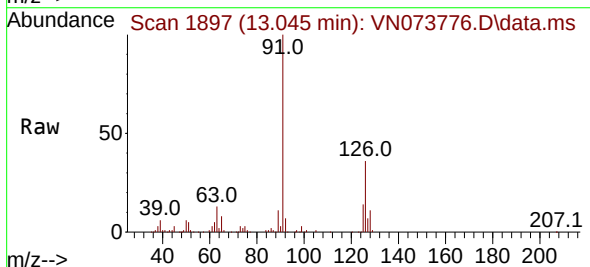
Manual Integrations
APPROVED

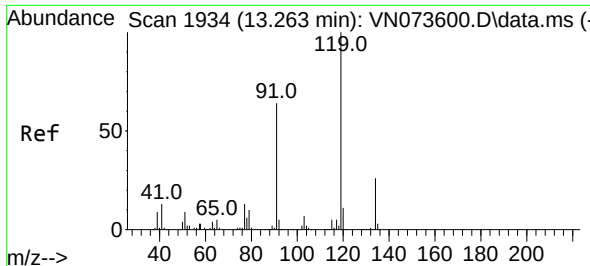
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#78
4-Chlorotoluene
Concen: 18.781 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

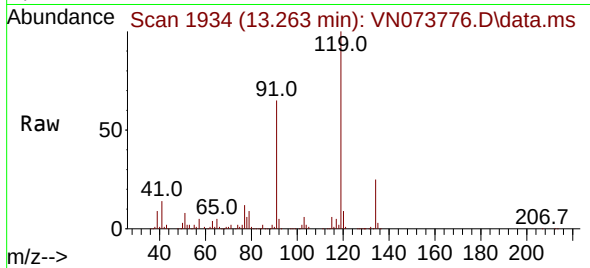
Tgt Ion: 91 Resp: 237006
Ion Ratio Lower Upper
91 100
126 35.8 0.0 70.6





#79
tert-butylbenzene
Concen: 19.603 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

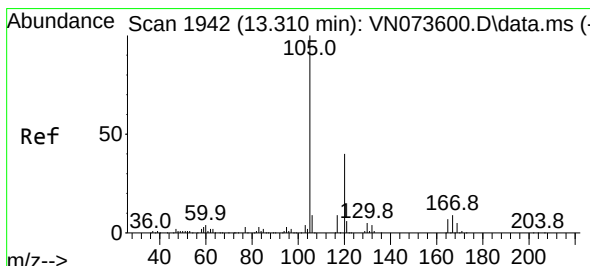
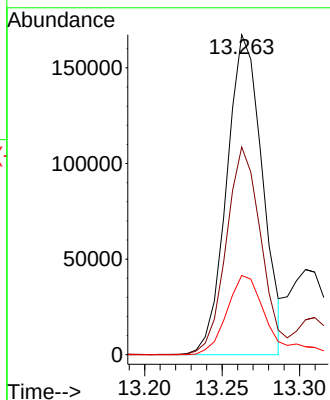
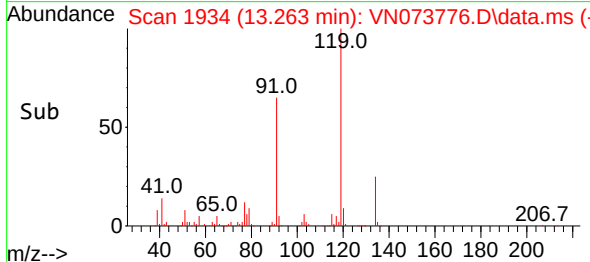
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



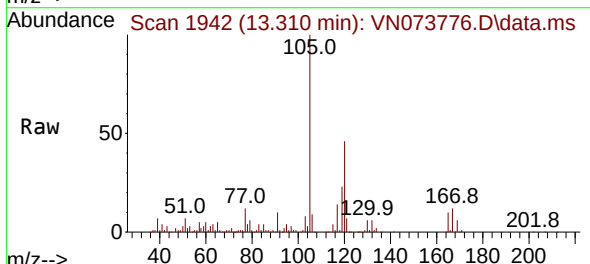
Tgt Ion:119 Resp: 267317
Ion Ratio Lower Upper
119 100
91 63.6 0.0 137.0
134 25.7 0.0 47.6

Manual Integrations
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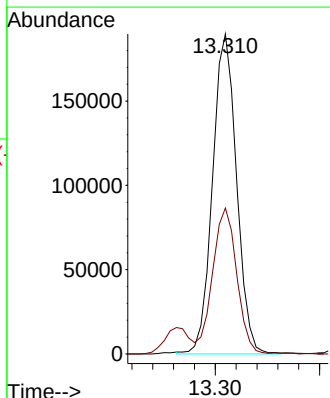
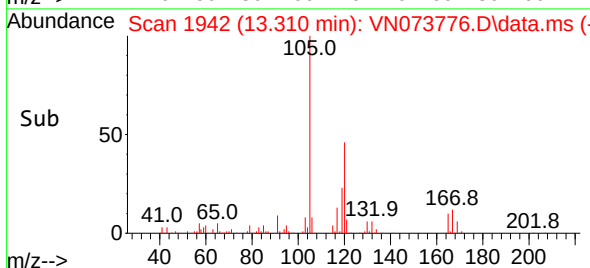
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022

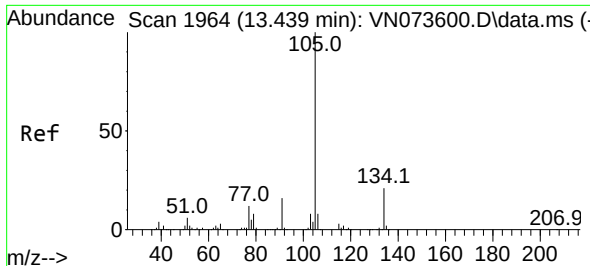


#80
1,2,4-Trimethylbenzene
Concen: 19.415 ug/l m
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40



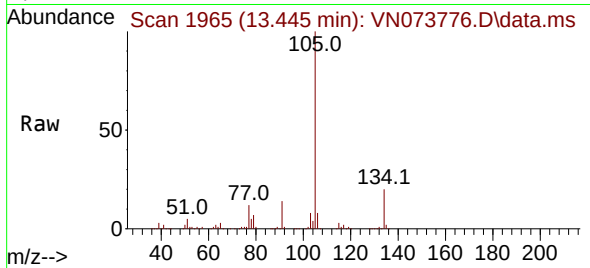
Tgt Ion:105 Resp: 303322
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 19.085 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.006 min
 Lab File: VN073776.D
 Acq: 08 Aug 2022 17:40

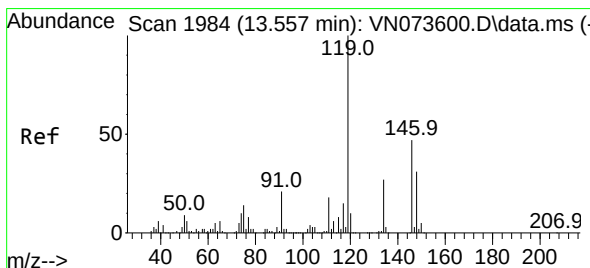
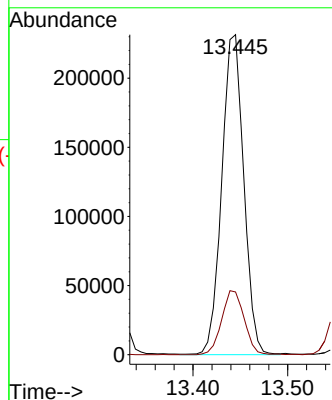
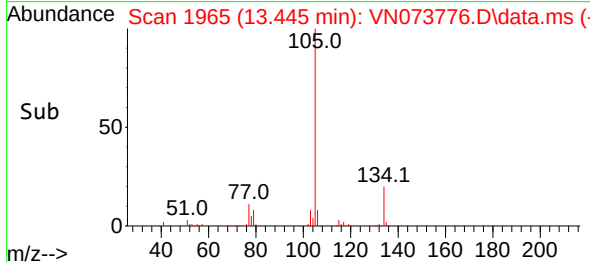
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:105 Resp: 37368
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 39.4

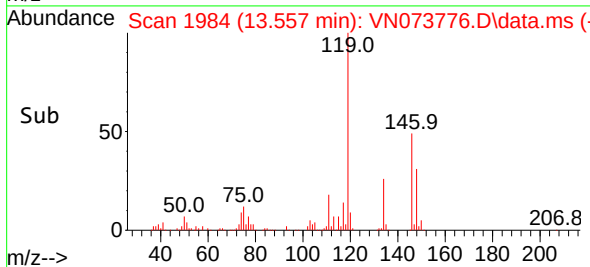
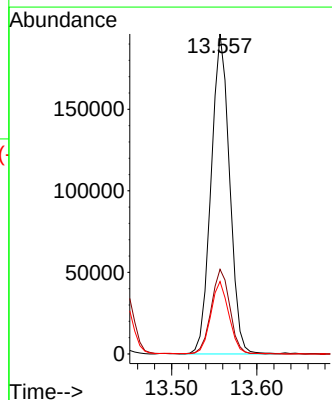
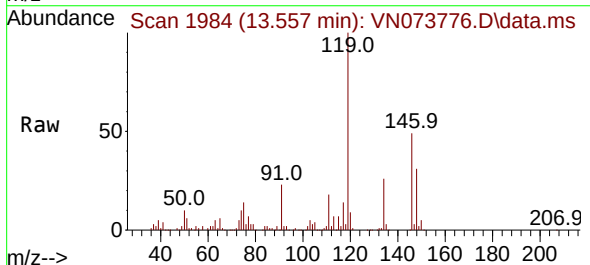
Manual Integrations
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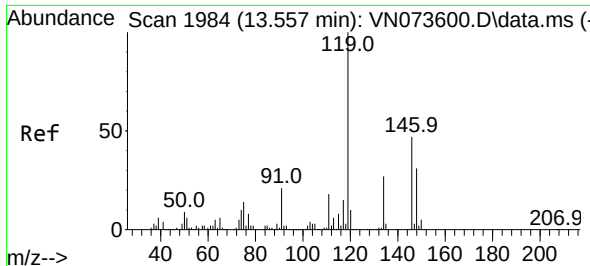
Reviewed By :John Carlone 08/09/2022
 Supervised By :Mahesh Dadoda 08/09/2022



#82
 p-Isopropyltoluene
 Concen: 18.465 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073776.D
 Acq: 08 Aug 2022 17:40

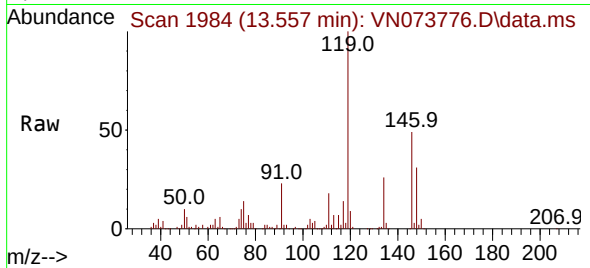
Tgt Ion:119 Resp: 296818
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 51.8
 91 22.1 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 18.904 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

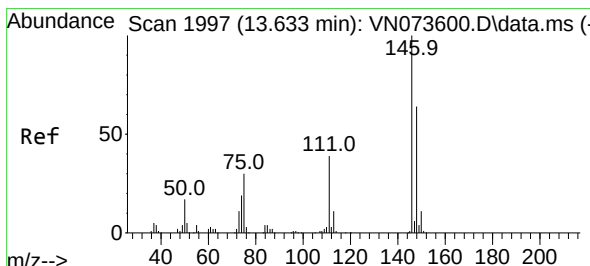
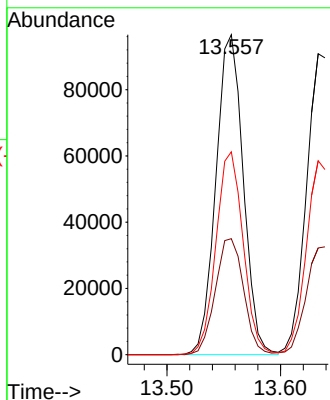
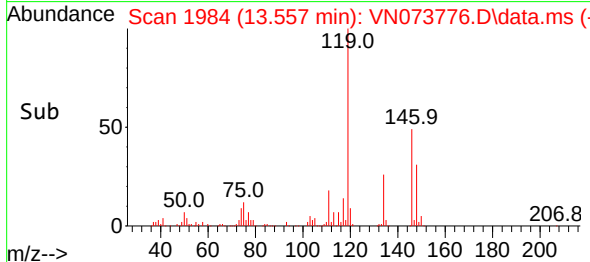
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 161860
Ion Ratio Lower Upper
146 100
111 37.5 20.8 62.2
148 63.2 31.4 94.3

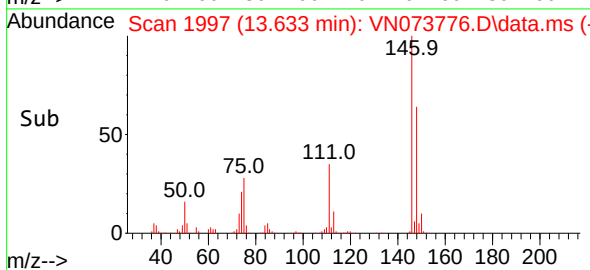
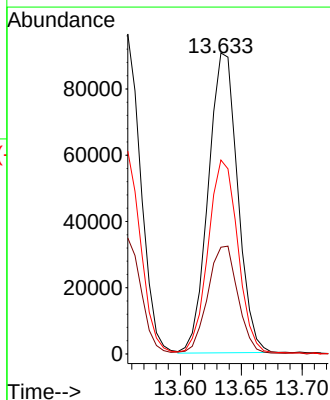
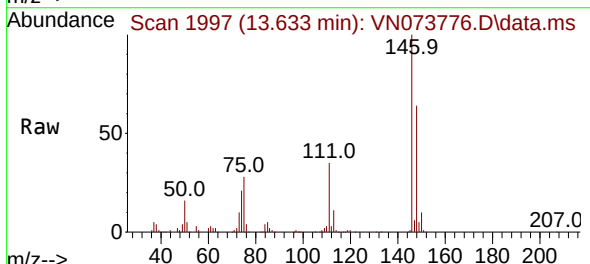
Manual Integrations
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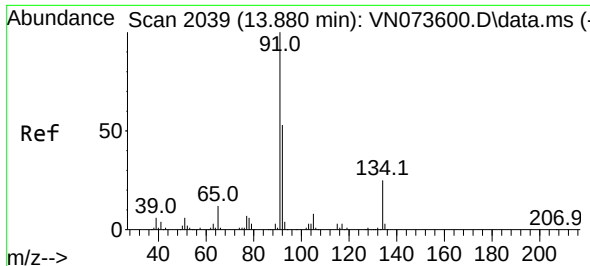
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#84
1,4-Dichlorobenzene
Concen: 18.456 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

Tgt Ion:146 Resp: 152435
Ion Ratio Lower Upper
146 100
111 37.2 19.5 58.5
148 65.9 31.1 93.5





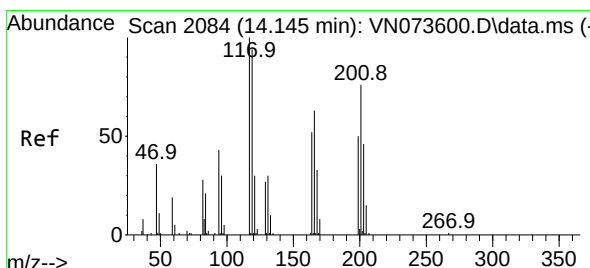
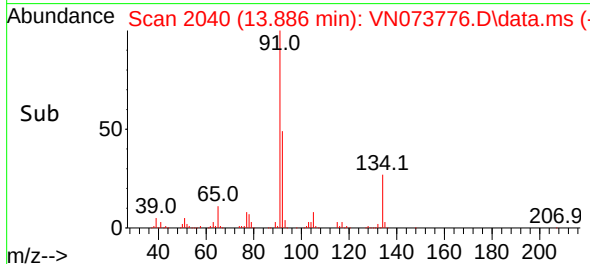
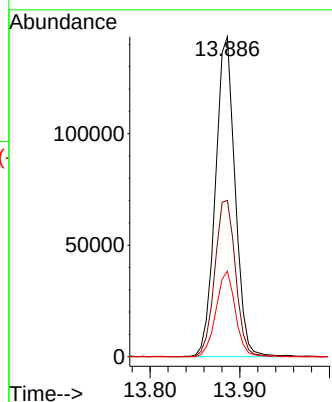
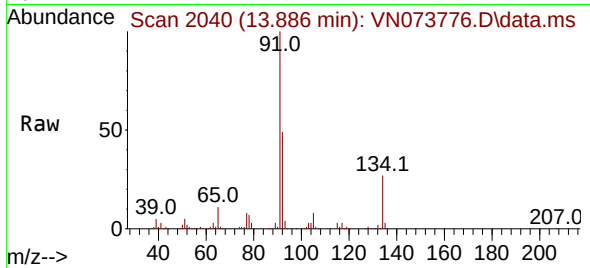
#85
n-Butylbenzene
Concen: 16.742 ug/l
RT: 13.886 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 218154
Ion Ratio Lower Upper
91 100
92 51.5 0.0 100.6
134 26.3 0.0 50.2

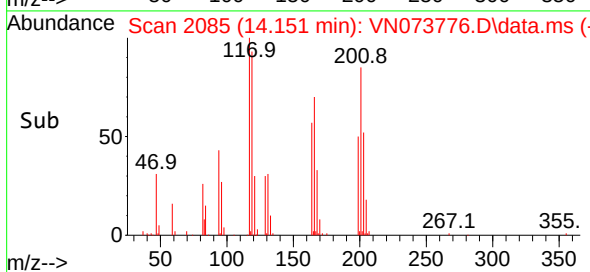
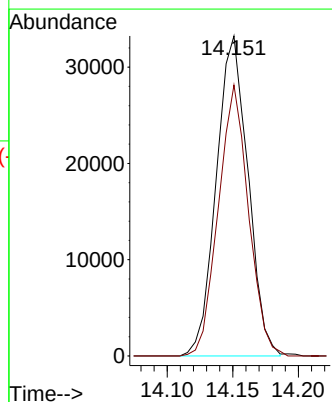
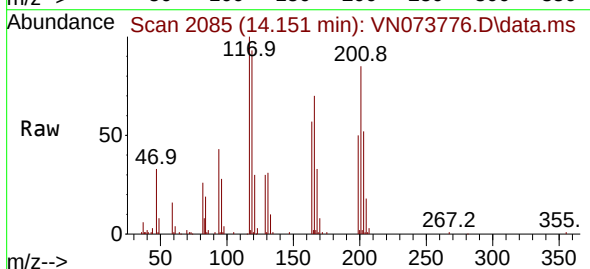
Manual Integrations
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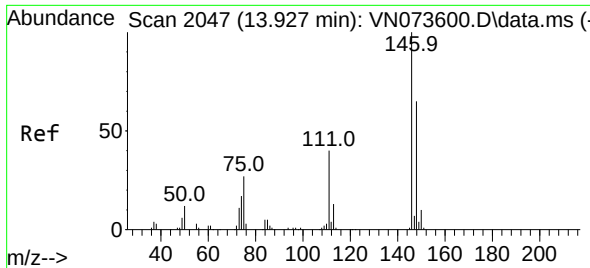
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#86
Hexachloroethane
Concen: 18.948 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

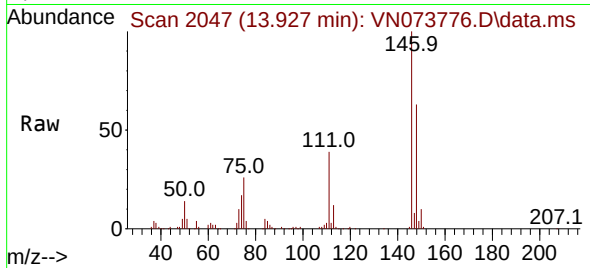
Tgt Ion:117 Resp: 55860
Ion Ratio Lower Upper
117 100
201 80.5 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 20.003 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

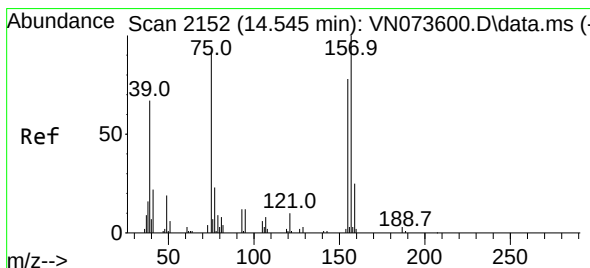
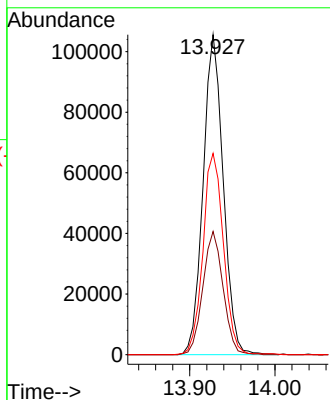
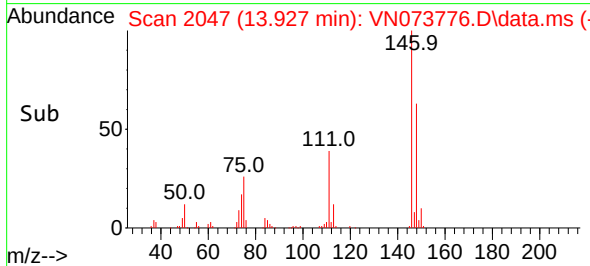
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 17316
Ion Ratio Lower Upper
146 100
111 38.6 21.4 64.2
148 63.9 32.5 97.4

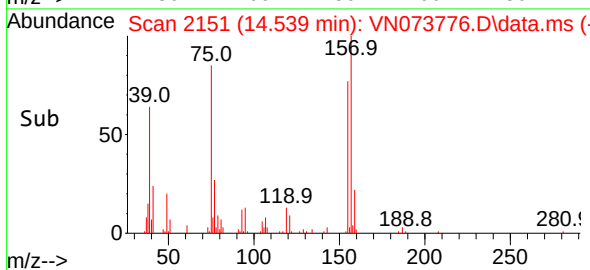
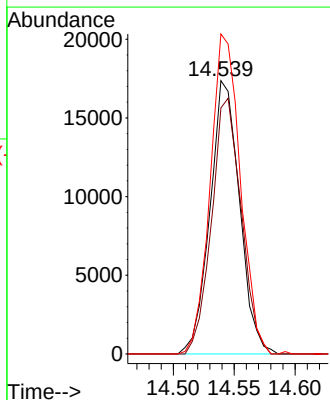
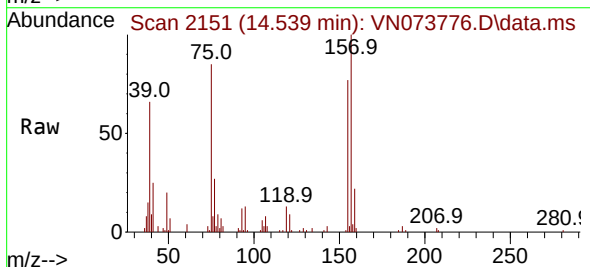
Manual Integrations
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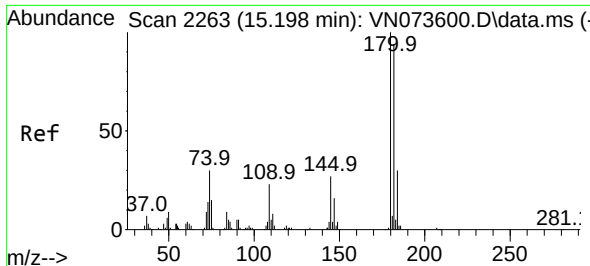
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.280 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

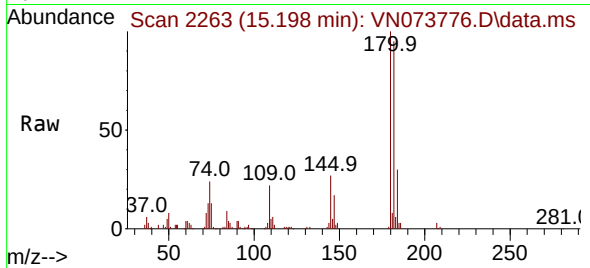
Tgt Ion: 75 Resp: 29329
Ion Ratio Lower Upper
75 100
155 93.6 63.8 95.8
157 119.2 77.9 116.9#





#89
1,2,4-Trichlorobenzene
Concen: 17.248 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

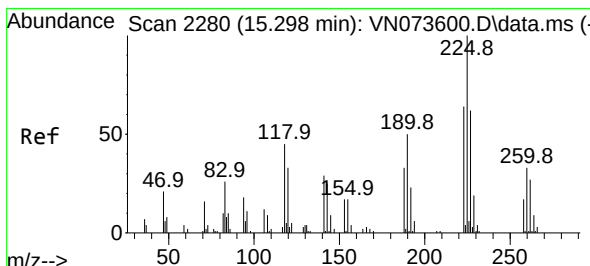
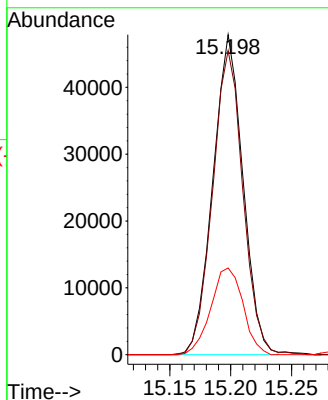
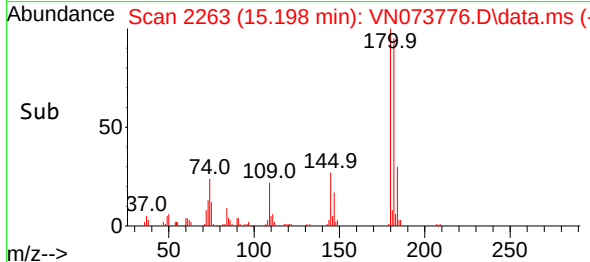
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



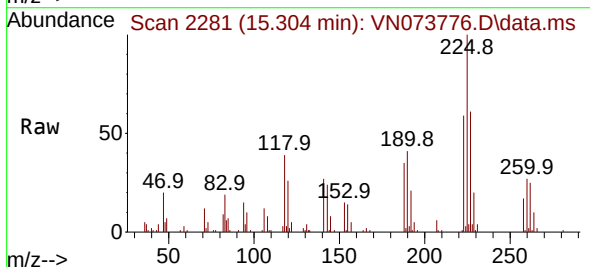
Tgt Ion:180 Resp: 8217
Ion Ratio Lower Upper
180 100
182 96.0 77.7 116.5
145 29.0 26.6 39.8

Manual Integrations
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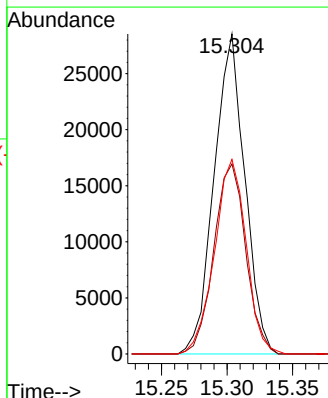
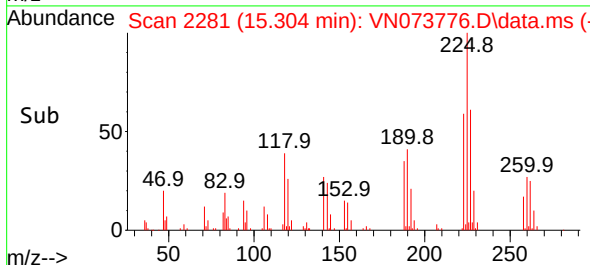
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022

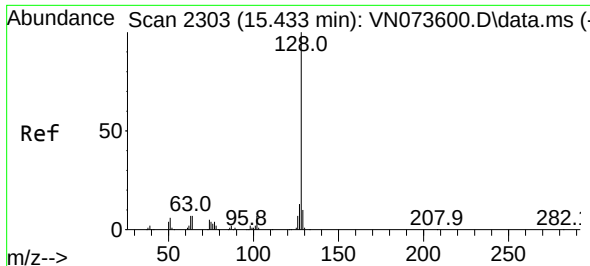


#90
Hexachlorobutadiene
Concen: 19.256 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40



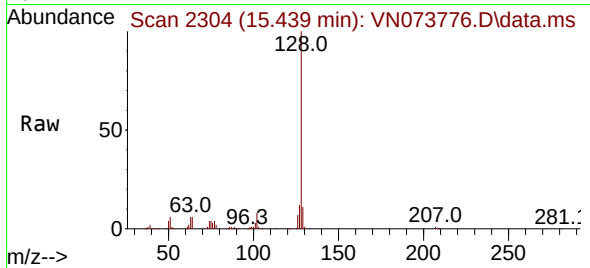
Tgt Ion:225 Resp: 46468
Ion Ratio Lower Upper
225 100
223 61.7 0.0 126.8
227 62.6 0.0 123.0





#91
Naphthalene
Concen: 18.600 ug/l
RT: 15.439 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40

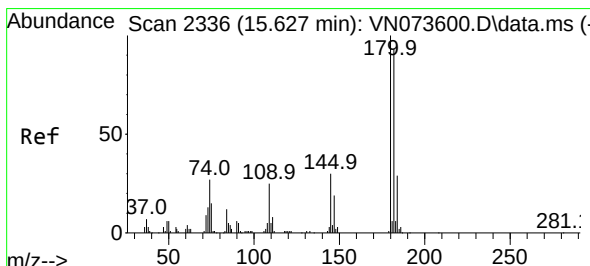
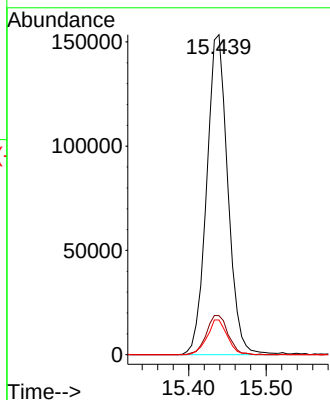
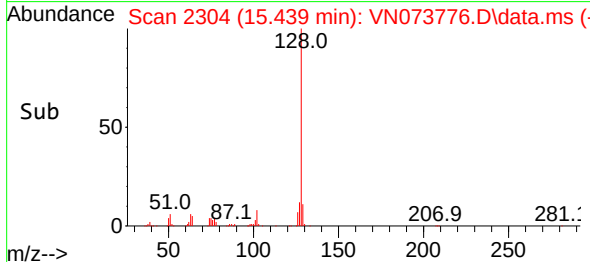
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



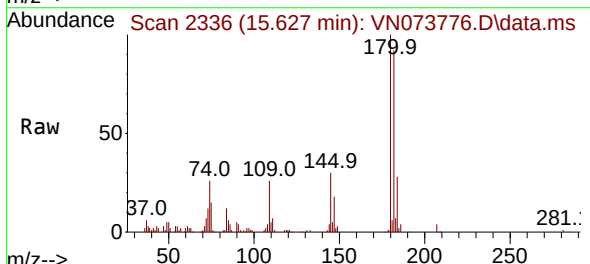
Tgt Ion:128 Resp: 290989
Ion Ratio Lower Upper
128 100
127 12.6 10.7 16.1
129 10.4 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.281 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073776.D
Acq: 08 Aug 2022 17:40



Tgt Ion:180 Resp: 89478
Ion Ratio Lower Upper
180 100
182 98.8 0.0 190.0
145 31.6 0.0 67.8

