

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073887.D
 Acq On : 15 Aug 2022 10:26
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/16/2022
 Supervised By : Mahesh Dadoda 08/16/2022

Quant Time: Aug 15 13:05:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 13:00:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	613330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	885253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	783227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	376148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	32458	4.343	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	8.680%#		
35) Dibromofluoromethane	7.951	113	27930	5.024	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.040%#		
50) Toluene-d8	10.380	98	105876	4.840	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.680%#		
62) 4-Bromofluorobenzene	12.668	95	33918	5.014	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.020%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	22655	3.808	ug/l	98
3) Chloromethane	2.269	50	24988	2.914	ug/l #	88
4) Vinyl Chloride	2.404	62	32273	3.102	ug/l	94
5) Bromomethane	2.787	94	23999	3.977	ug/l	91
6) Chloroethane	2.957	64	24677	3.401	ug/l #	88
7) Trichlorofluoromethane	3.310	101	44822	4.180	ug/l	94
8) Diethyl Ether	3.763	74	15940	3.959	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.140	101	25870	4.361	ug/l	91
10) Methyl Iodide	4.351	142	27149	4.502	ug/l	97
11) Tert butyl alcohol	5.292	59	31909	19.795	ug/l	100
12) 1,1-Dichloroethene	4.110	96	23705	4.074	ug/l	87
13) Acrolein	3.981	56	26361	16.495	ug/l	97
14) Allyl chloride	4.763	41	35574	3.824	ug/l	99
15) Acrylonitrile	5.469	53	78046	17.503	ug/l	98
16) Acetone	4.222	43	67352	16.777	ug/l	96
17) Carbon Disulfide	4.451	76	56142	3.639	ug/l	99
18) Methyl Acetate	4.775	43	46783	4.684	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	84415	4.246	ug/l	96
20) Methylene Chloride	5.010	84	30044	3.546	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	27380	4.347	ug/l	91
22) Diisopropyl ether	6.404	45	74587	3.716	ug/l	95
23) Vinyl Acetate	6.345	43	304698	18.106	ug/l	98
24) 1,1-Dichloroethane	6.298	63	46749	3.786	ug/l	95
25) 2-Butanone	7.263	43	107886	17.305	ug/l	97
26) 2,2-Dichloropropane	7.245	77	43926	4.624	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	32970	4.248	ug/l	93
28) Bromochloromethane	7.581	49	18790	3.624	ug/l	82
29) Tetrahydrofuran	7.610	42	68263	17.318	ug/l	94
30) Chloroform	7.745	83	51764	4.024	ug/l	98
31) Cyclohexane	8.016	56	47396	4.259	ug/l #	76
32) 1,1,1-Trichloroethane	7.939	97	45303	4.241	ug/l	95
36) 1,1-Dichloropropene	8.151	75	36265	4.577	ug/l	98
37) Ethyl Acetate	7.334	43	42037	4.029	ug/l	99
38) Carbon Tetrachloride	8.133	117	40682	5.056	ug/l	87
39) Methylcyclohexane	9.392	83	44317	4.681	ug/l	93
40) Benzene	8.392	78	114879	4.465	ug/l	100

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 Sample : VSTDICC005
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 13:00:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	17900	3.791	ug/l	95
42) 1,2-Dichloroethane	8.457	62	39986	4.612	ug/l	99
43) Isopropyl Acetate	8.492	43	61290	4.349	ug/l	98
44) Trichloroethene	9.151	130	32572	4.993	ug/l	89
45) 1,2-Dichloropropane	9.428	63	27210	4.231	ug/l	99
46) Dibromomethane	9.516	93	20190	4.524	ug/l #	87
47) Bromodichloromethane	9.698	83	38238	4.464	ug/l	98
48) Methyl methacrylate	9.492	41	24783	4.017	ug/l	85
49) 1,4-Dioxane	9.504	88	14721	84.656	ug/l	90
51) 4-Methyl-2-Pentanone	10.269	43	203666	20.149	ug/l	100
52) Toluene	10.439	92	77536	4.934	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	40344	4.767	ug/l	98
54) cis-1,3-Dichloropropene	10.122	75	44106	4.625	ug/l	97
55) 1,1,2-Trichloroethane	10.833	97	30847	4.707	ug/l	96
56) Ethyl methacrylate	10.698	69	41762	4.624	ug/l	98
57) 1,3-Dichloropropane	10.986	76	50420	4.535	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	126956	31.255	ug/l	94
59) 2-Hexanone	11.022	43	157495	20.566	ug/l	98
60) Dibromochloromethane	11.180	129	32364	4.964	ug/l	99
61) 1,2-Dibromoethane	11.286	107	31954	4.735	ug/l	99
64) Tetrachloroethene	10.910	164	30956	4.973	ug/l	90
65) Chlorobenzene	11.710	112	84498	5.079	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	30681	5.142	ug/l	99
67) Ethyl Benzene	11.786	91	135692	4.835	ug/l	99
68) m/p-Xylenes	11.892	106	110988	10.368	ug/l	96
69) o-Xylene	12.216	106	54360	5.209	ug/l	96
70) Styrene	12.233	104	82068	4.912	ug/l	97
71) Bromoform	12.398	173	26138	5.307	ug/l #	100
73) Isopropylbenzene	12.516	105	134148	4.872	ug/l	97
74) N-amyl acetate	12.327	43	50481	4.852	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.768	83	46184	4.347	ug/l	97
76) 1,2,3-Trichloropropane	12.821	75	33976m	3.978	ug/l	
77) Bromobenzene	12.798	156	37107	5.175	ug/l	90
78) n-propylbenzene	12.863	91	142579	4.602	ug/l	96
79) 2-Chlorotoluene	12.945	91	91748	4.745	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	107113	4.727	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.568	75	13138	4.526	ug/l	98
82) 4-Chlorotoluene	13.045	91	86469	4.718	ug/l	95
83) tert-Butylbenzene	13.263	119	102409	5.102	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	109411	4.910	ug/l	99
85) sec-Butylbenzene	13.439	105	129941	4.684	ug/l	99
86) p-Isopropyltoluene	13.557	119	109019	4.985	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	64379	4.919	ug/l	96
88) 1,4-Dichlorobenzene	13.633	146	66012	5.041	ug/l	96
89) n-Butylbenzene	13.880	91	85461	4.803	ug/l	98
90) Hexachloroethane	14.151	117	20736	4.779	ug/l	90
91) 1,2-Dichlorobenzene	13.927	146	66490	5.013	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	9840	4.609	ug/l	80
93) 1,2,4-Trichlorobenzene	15.198	180	38245	5.807	ug/l	99
94) Hexachlorobutadiene	15.304	225	21375	5.970	ug/l	96
95) Naphthalene	15.433	128	121248	5.673	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	39723	5.730	ug/l	98

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

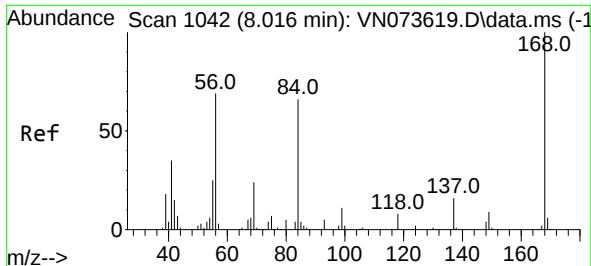
Manual Integrations
APPROVED

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Quant Time: Aug 15 13:05:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 15 13:00:13 2022
Response via : Initial Calibration

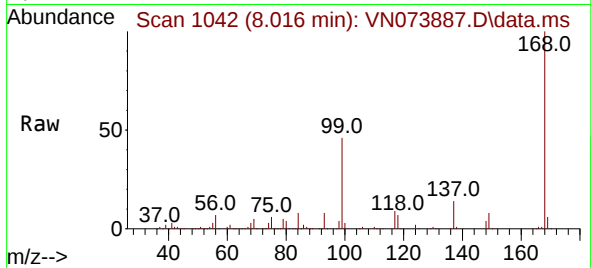
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

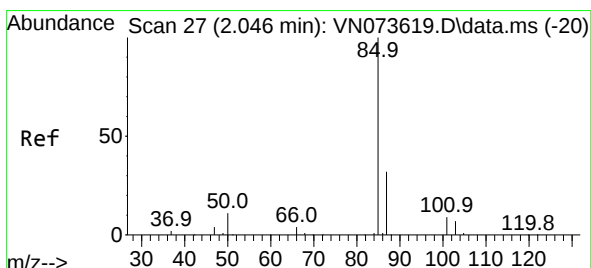
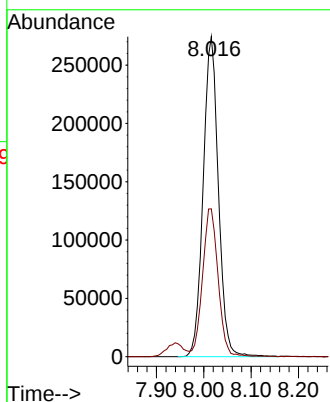
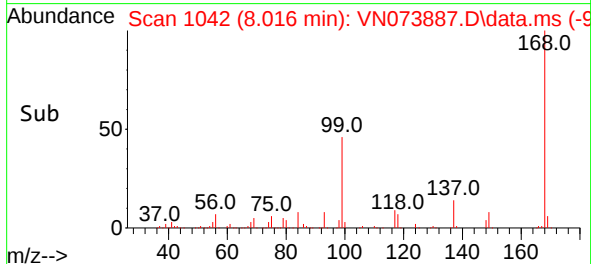
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 613330
Ion Ratio Lower Upper
168 100
99 46.2 42.3 63.5

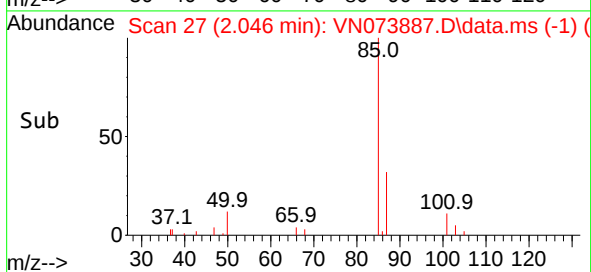
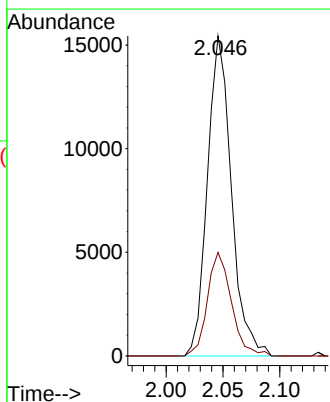
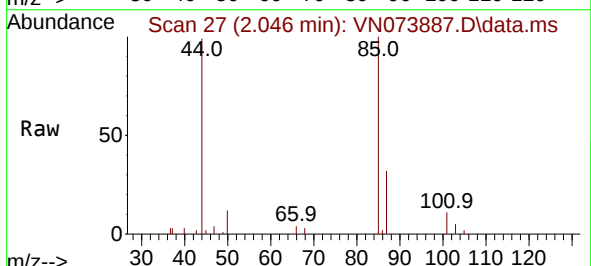
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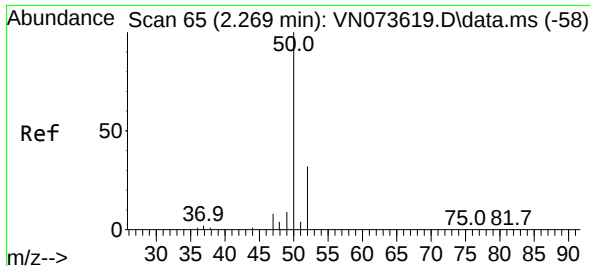
Reviewed By :John Carlone 08/16/2022
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#2
Dichlorodifluoromethane
Concen: 3.808 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

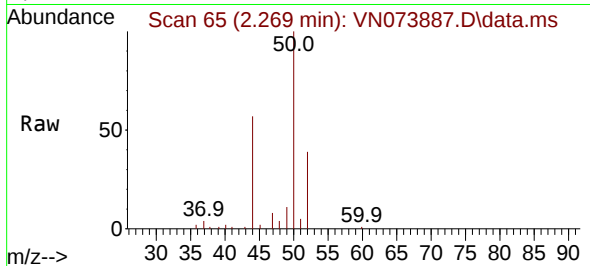
Tgt Ion: 85 Resp: 22655
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.1





#3
Chloromethane
Concen: 2.914 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

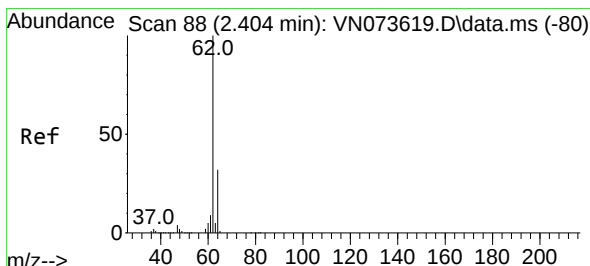
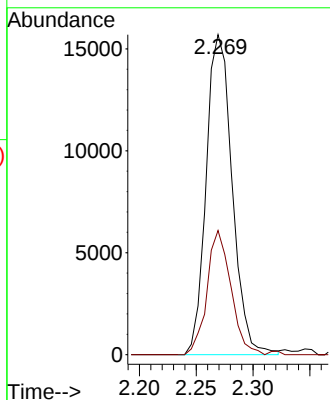
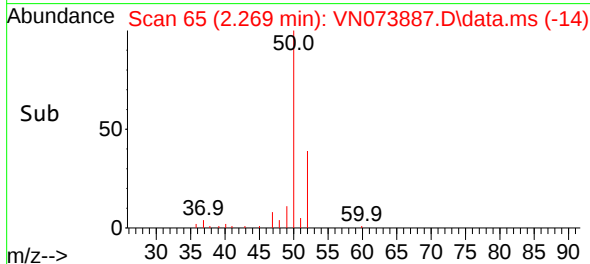
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 2498
Ion Ratio Lower Upper
50 100
52 38.8 25.7 38.5

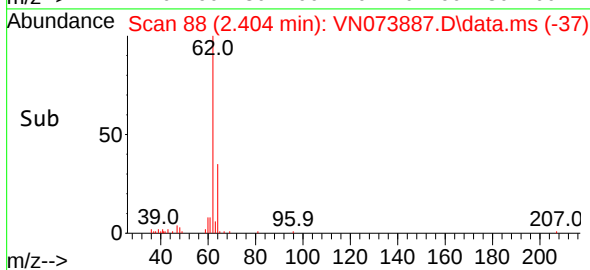
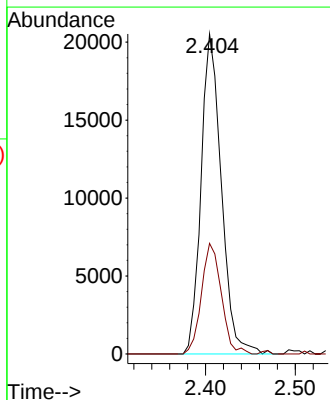
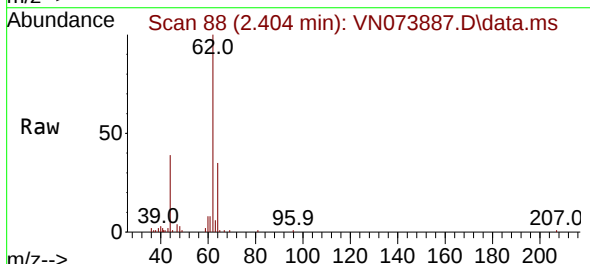
Manual Integrations
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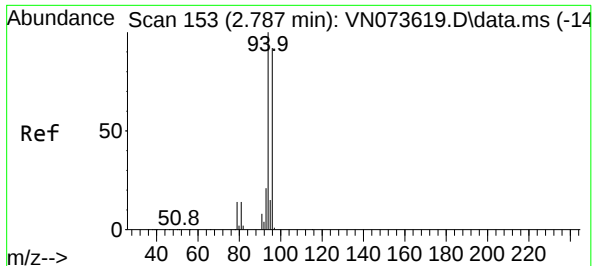
Reviewed By :John Carlone 08/16/2022
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#4
Vinyl Chloride
Concen: 3.102 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

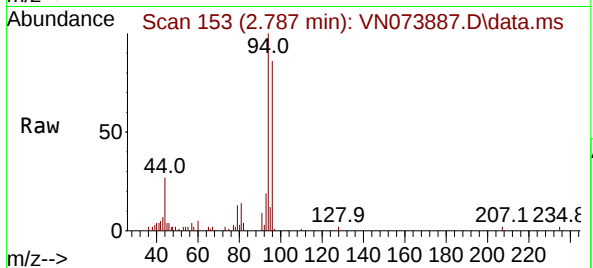
Tgt Ion: 62 Resp: 32273
Ion Ratio Lower Upper
62 100
64 34.6 25.0 37.4





#5
Bromomethane
Concen: 3.977 ug/l
RT: 2.787 min Scan# 153
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

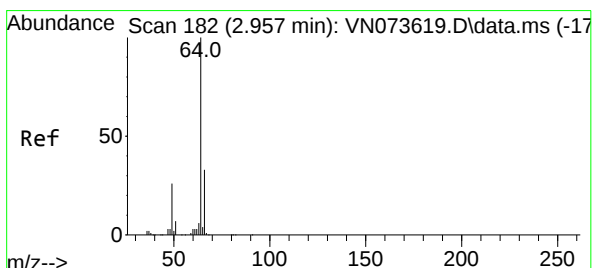
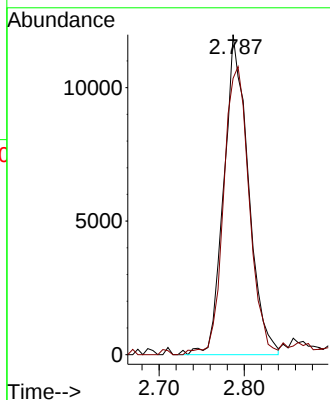
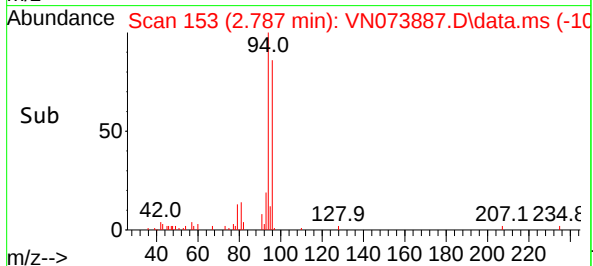
Instrument :
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Tgt Ion: 94 Resp: 23995
Ion Ratio Lower Upper
94 100
96 86.4 76.0 114.0

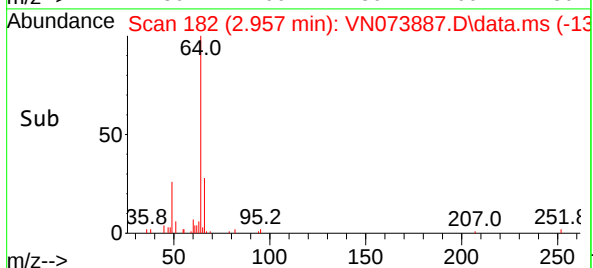
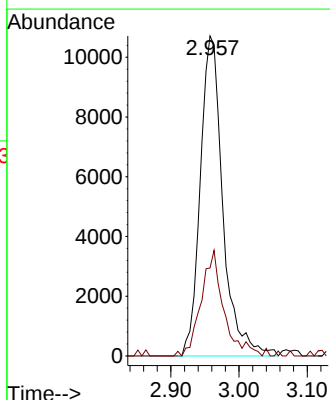
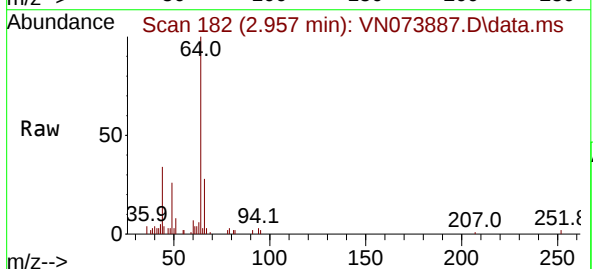
Manual Integrations
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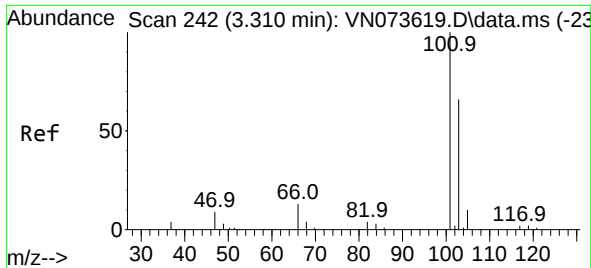
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#6
Chloroethane
Concen: 3.401 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

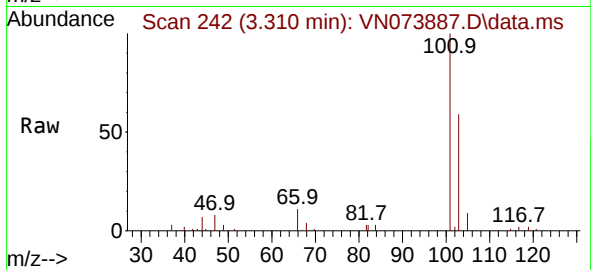
Tgt Ion: 64 Resp: 24677
Ion Ratio Lower Upper
64 100
66 26.0 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 4.180 ug/l
 RT: 3.310 min Scan# 242
 Delta R.T. 0.000 min
 Lab File: VN073887.D
 Acq: 15 Aug 2022 10:26

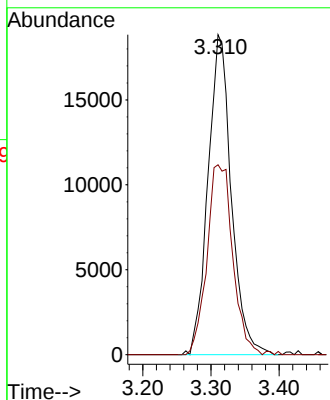
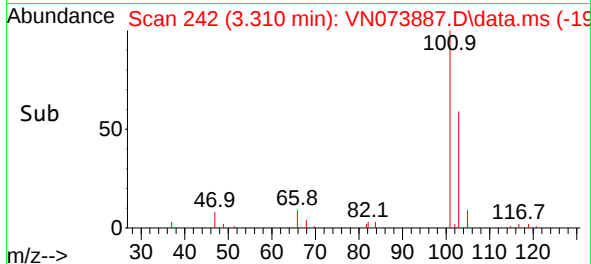
Instrument :
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 ClientSampleId :
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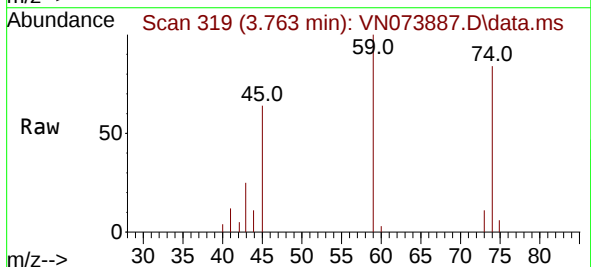
Tgt Ion:101 Resp: 4482
 Ion Ratio Lower Upper
 101 100
 103 59.3 51.5 77.3

Manual Integrations
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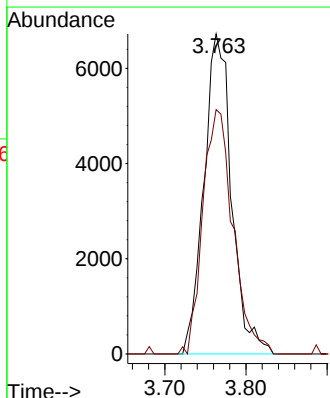
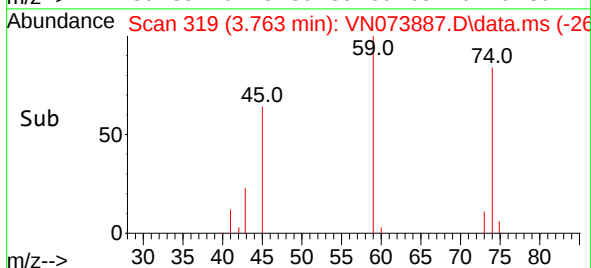
Reviewed By :John Carlone 08/16/2022
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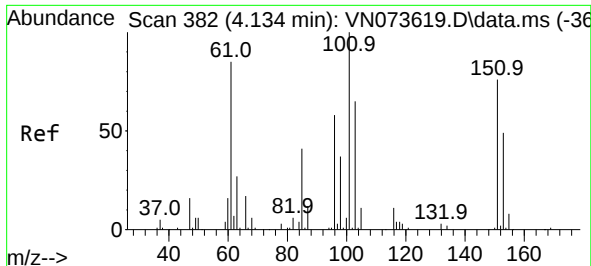


#8
 Diethyl Ether
 Concen: 3.959 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN073887.D
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Tgt Ion: 74 Resp: 15940
 Ion Ratio Lower Upper
 74 100
 45 83.3 42.9 128.5





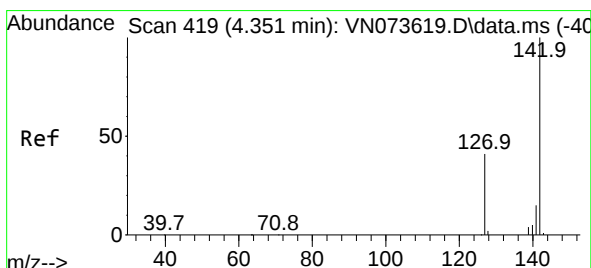
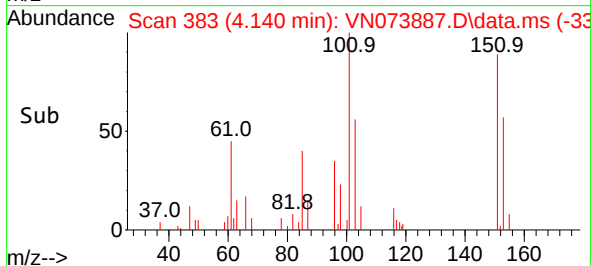
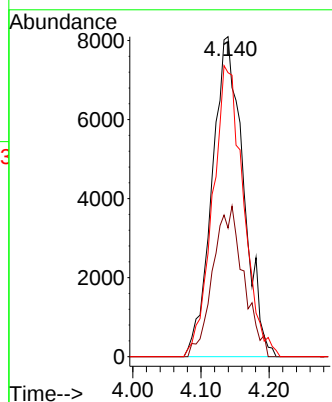
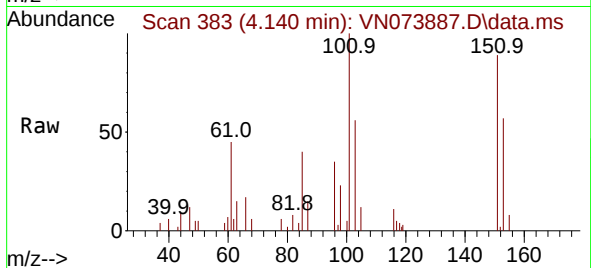
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.361 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 25870
Ion Ratio Lower Upper
101 100
85 46.1 34.7 52.1
151 89.3 63.0 94.4

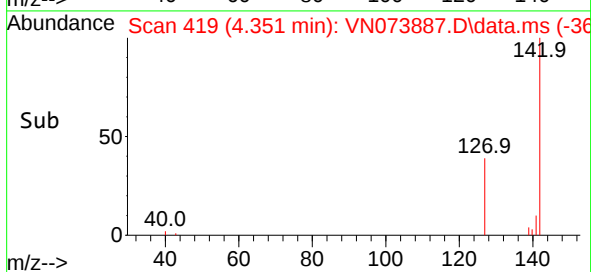
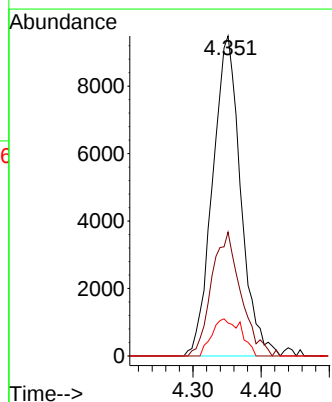
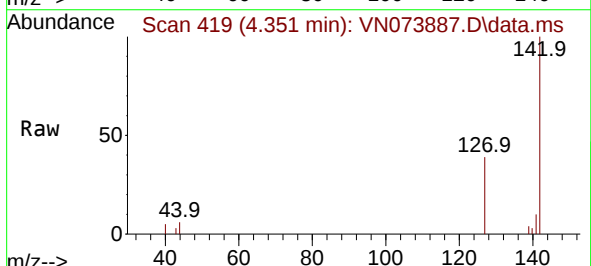
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Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#10
Methyl Iodide
Concen: 4.502 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Tgt Ion:142 Resp: 27149
Ion Ratio Lower Upper
142 100
127 40.7 31.3 46.9
141 12.1 11.2 16.8





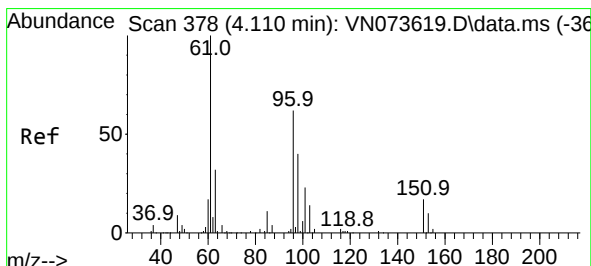
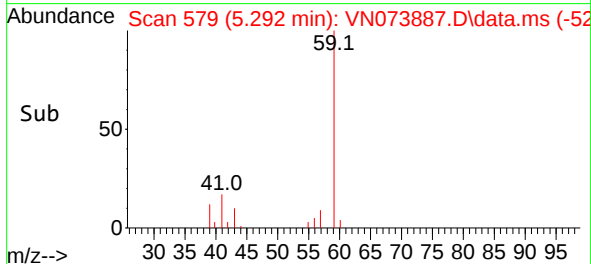
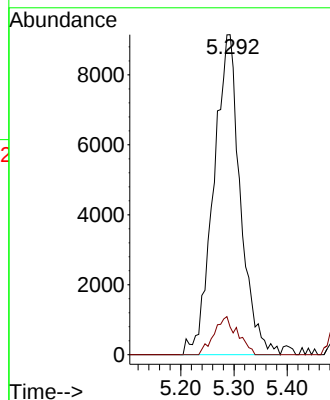
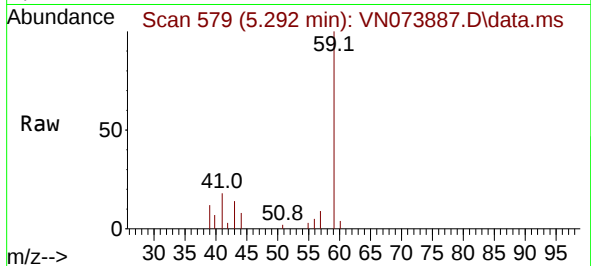
#11
Tert butyl alcohol
Concen: 19.795 ug/l
RT: 5.292 min Scan# 519
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 31905
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

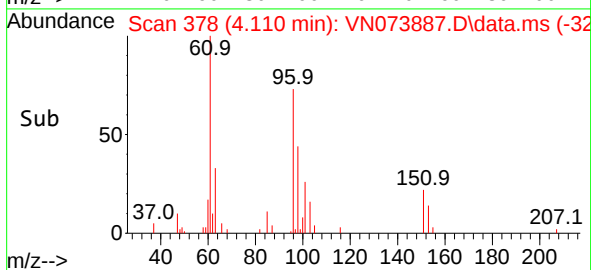
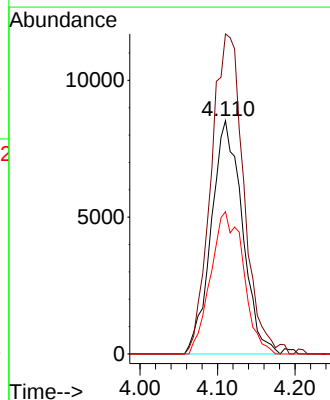
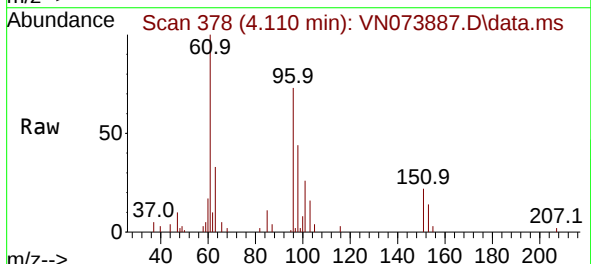
Manual Integrations
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Supervised By :Mahesh Dadoda 08/16/2022



#12
1,1-Dichloroethene
Concen: 4.074 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Tgt Ion: 96 Resp: 23705
Ion Ratio Lower Upper
96 100
61 137.1 127.6 191.4
98 60.9 51.2 76.8





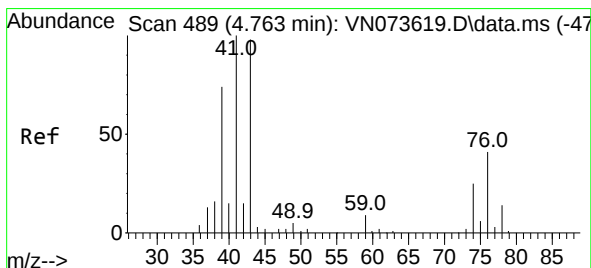
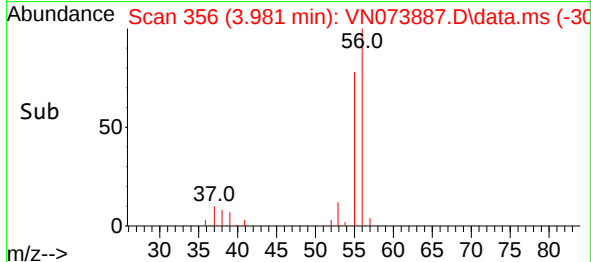
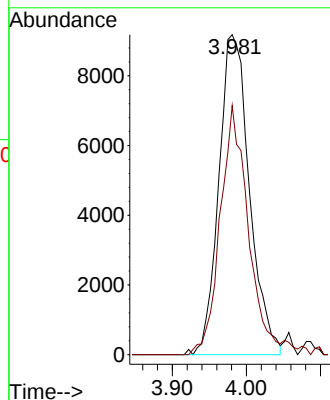
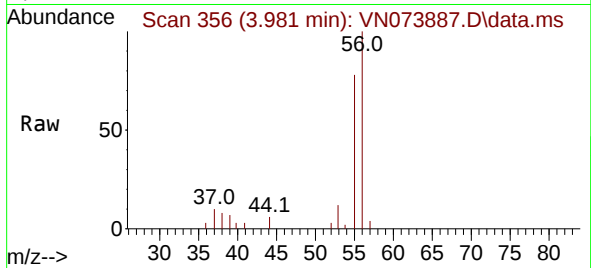
#13
Acrolein
Concen: 16.495 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 2636
Ion Ratio Lower Upper
56 100
55 70.7 54.8 82.2

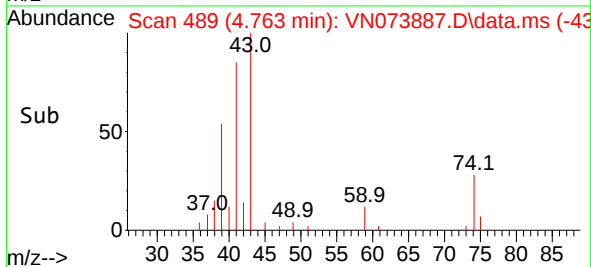
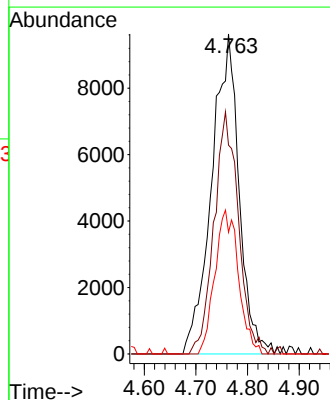
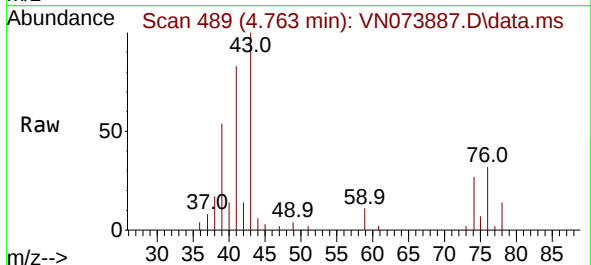
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Supervised By :Mahesh Dadoda 08/16/2022



#14
Allyl chloride
Concen: 3.824 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

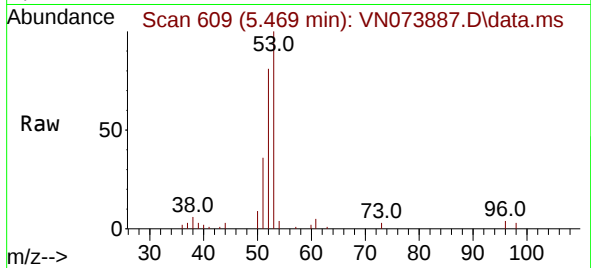
Tgt Ion: 41 Resp: 35574
Ion Ratio Lower Upper
41 100
39 67.0 53.2 79.8
76 38.6 29.9 44.9





#15
Acrylonitrile
Concen: 17.503 ug/l
RT: 5.469 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

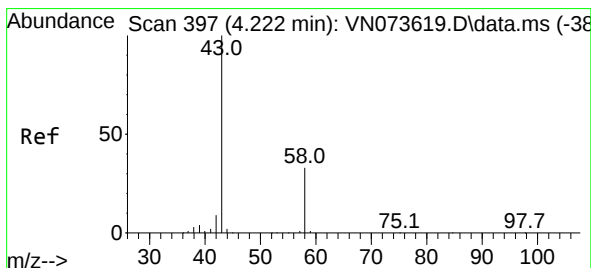
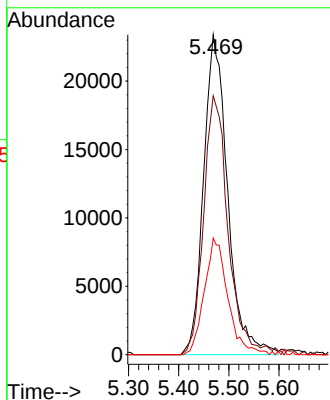
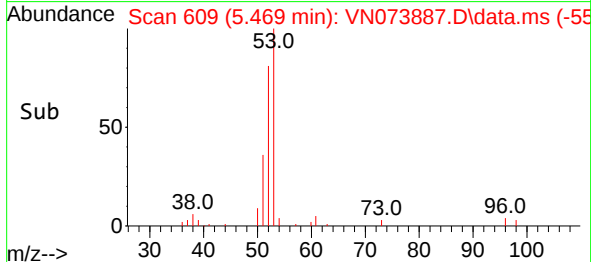
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 53 Resp: 7804
Ion Ratio Lower Upper
53 100
52 81.0 66.4 99.6
51 35.6 28.5 42.7

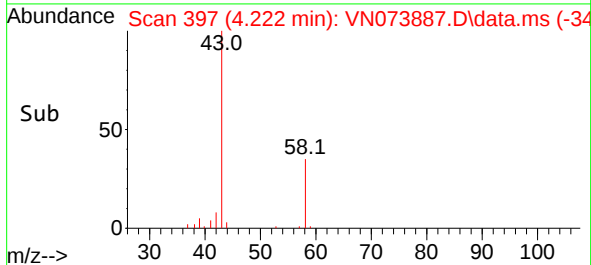
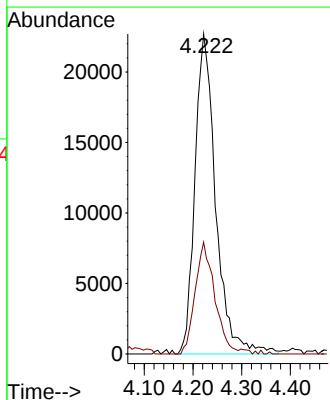
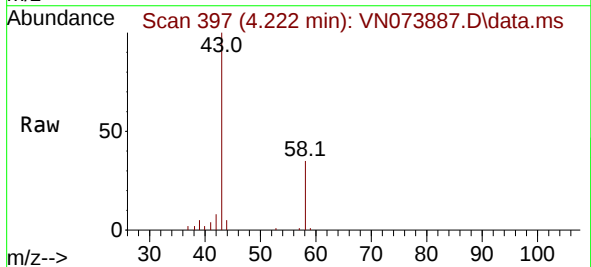
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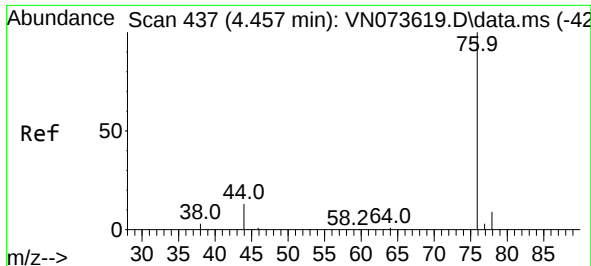
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#16
Acetone
Concen: 16.777 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Tgt Ion: 43 Resp: 67352
Ion Ratio Lower Upper
43 100
58 34.9 26.0 39.0





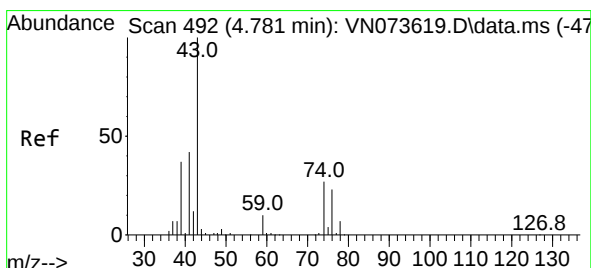
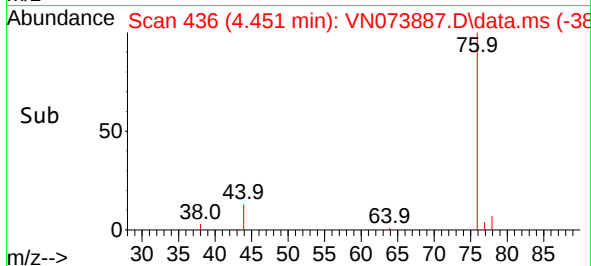
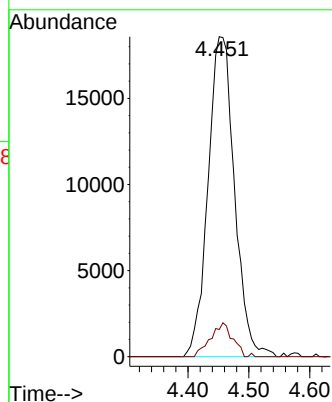
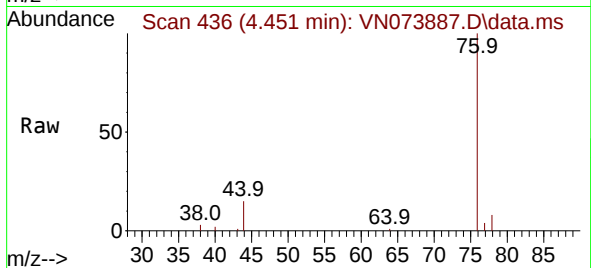
#17
Carbon Disulfide
Concen: 3.639 ug/l
RT: 4.451 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 5614
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

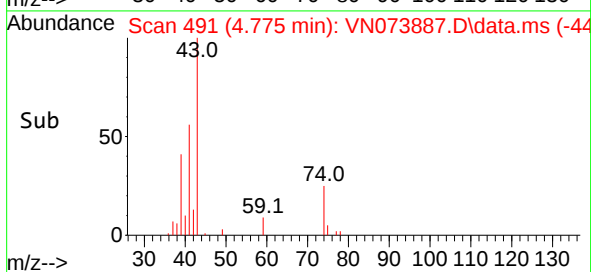
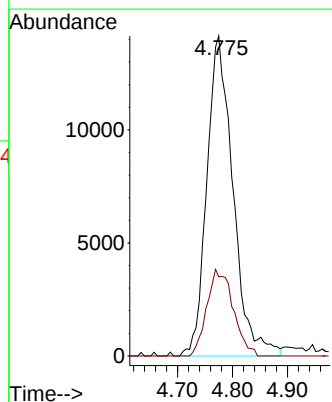
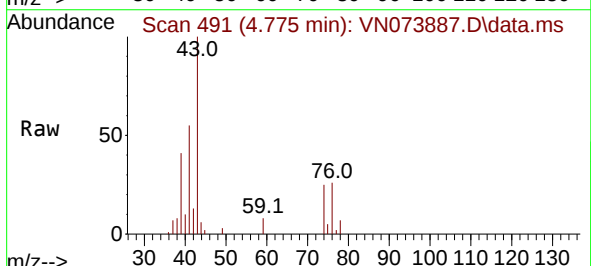
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#18
Methyl Acetate
Concen: 4.684 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Tgt Ion: 43 Resp: 46783
Ion Ratio Lower Upper
43 100
74 27.2 21.6 32.4





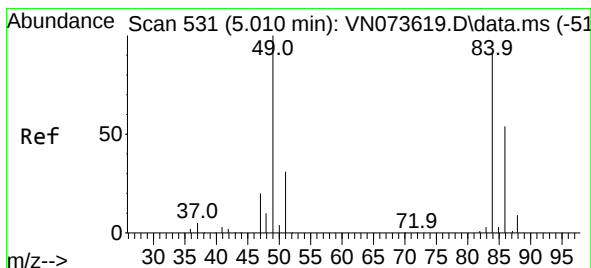
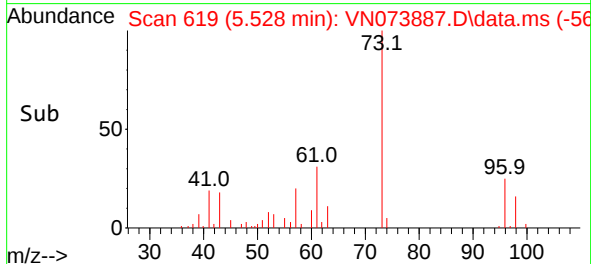
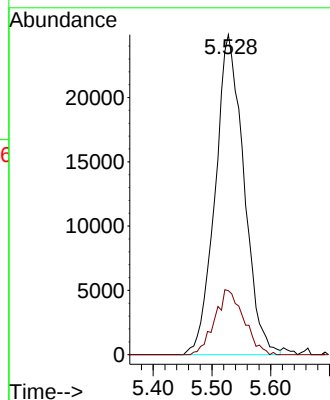
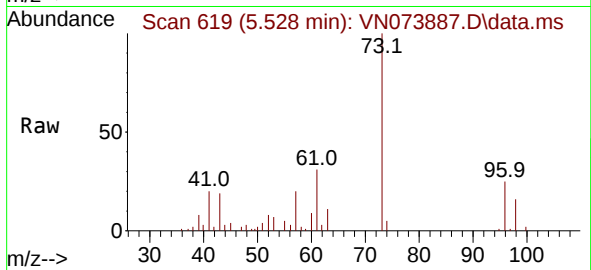
#19
Methyl tert-butyl Ether
Concen: 4.246 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 8441
Ion Ratio Lower Upper
73 100
57 20.0 17.6 26.4

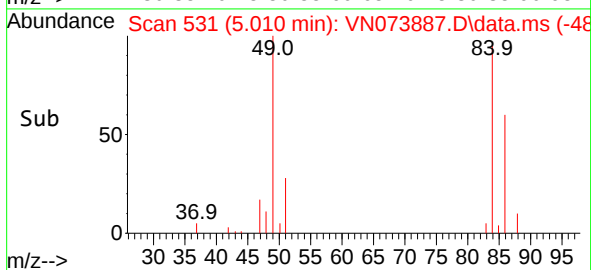
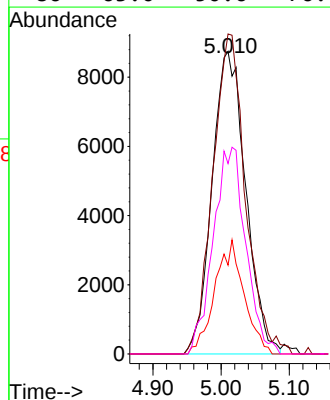
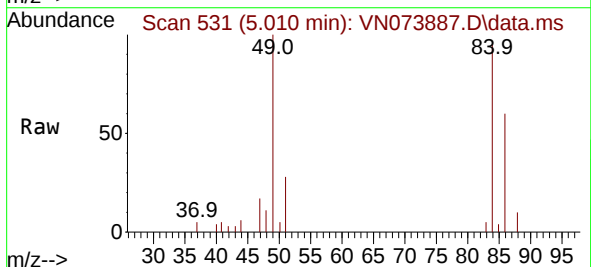
Manual Integrations
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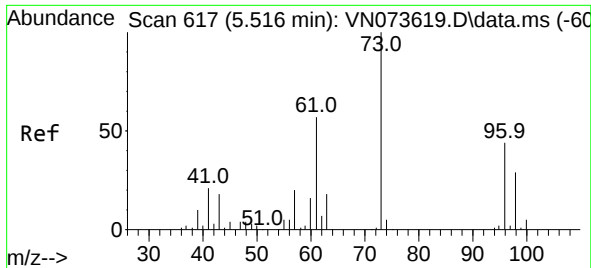
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#20
Methylene Chloride
Concen: 3.546 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Tgt Ion: 84 Resp: 30044
Ion Ratio Lower Upper
84 100
49 105.8 88.3 132.5
51 29.3 28.2 42.2
86 63.0 50.6 76.0





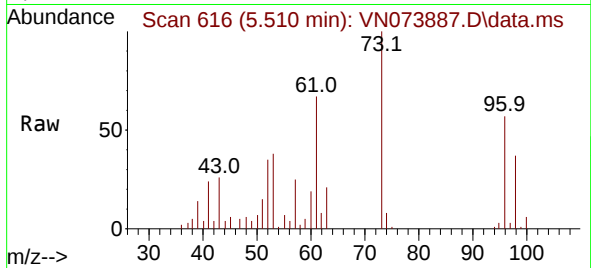
#21
trans-1,2-Dichloroethene
Concen: 4.347 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

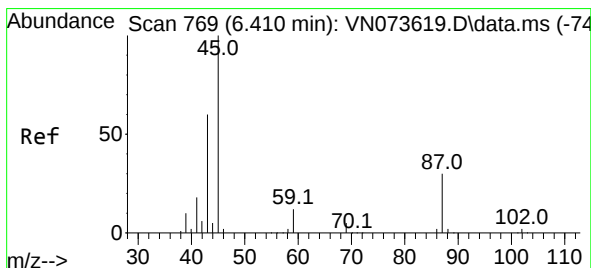
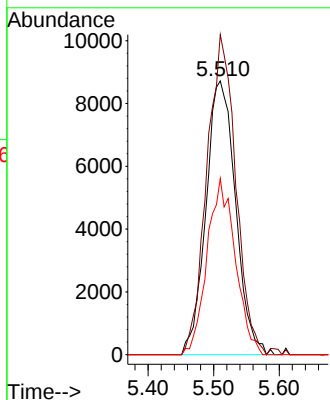
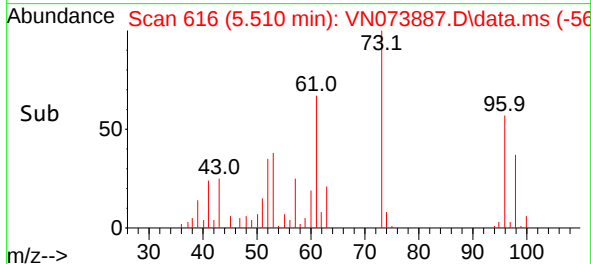


Tgt Ion: 96 Resp: 27380
Ion Ratio Lower Upper
96 100
61 116.9 105.8 158.8
98 64.4 50.3 75.5

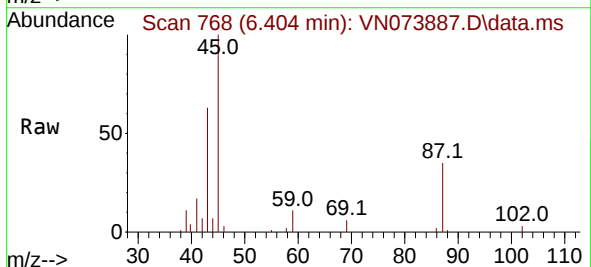
Manual Integrations

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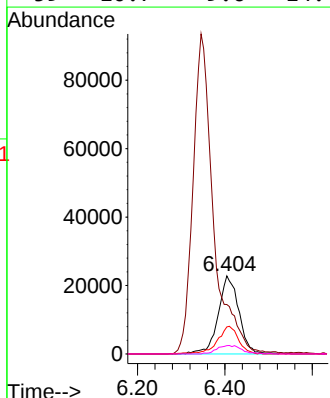
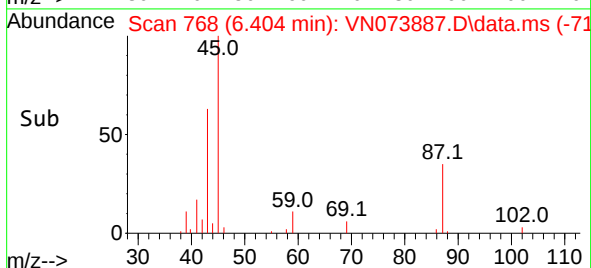
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#22
Diisopropyl ether
Concen: 3.716 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26



Tgt Ion: 45 Resp: 74587
Ion Ratio Lower Upper
45 100
43 61.5 46.6 70.0
87 34.6 24.3 36.5
59 10.7 9.6 14.4





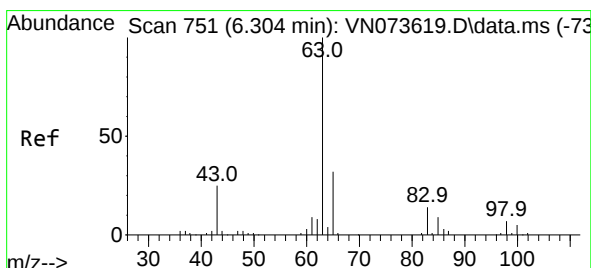
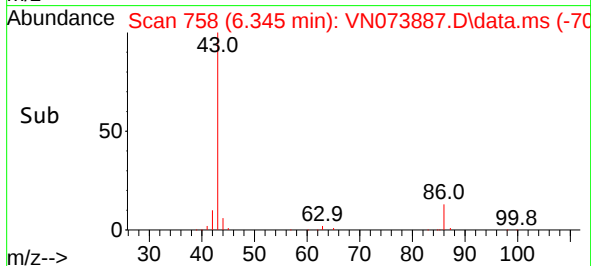
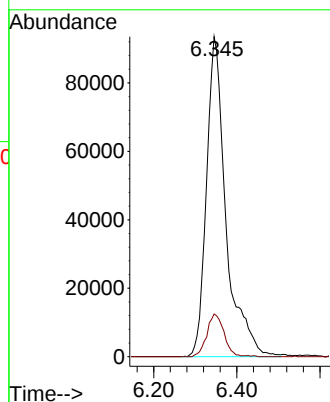
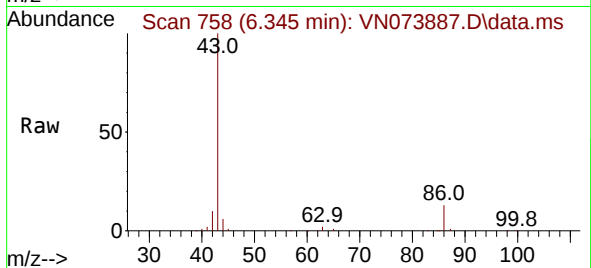
#23
 Vinyl Acetate
 Concen: 18.106 ug/l
 RT: 6.345 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VN073887.D
 Acq: 15 Aug 2022 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 304698
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.0 15.0

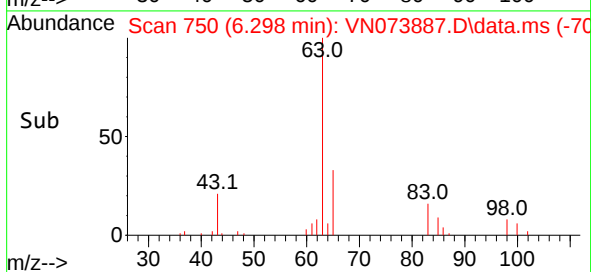
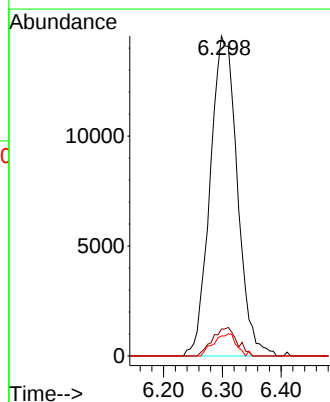
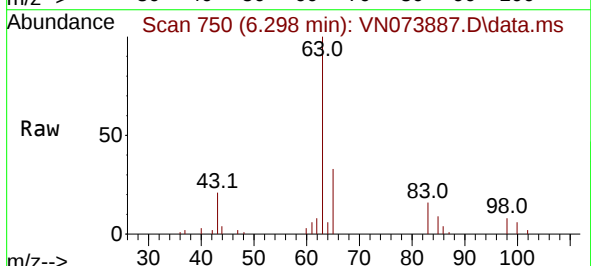
Manual Integrations
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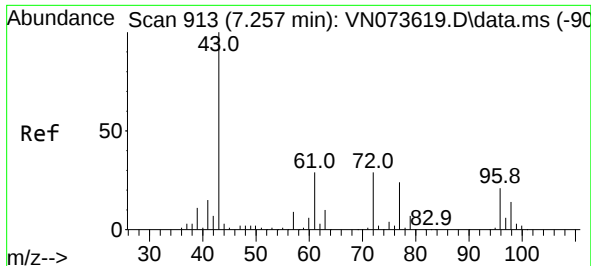
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#24
 1,1-Dichloroethane
 Concen: 3.786 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN073887.D
 Acq: 15 Aug 2022 10:26

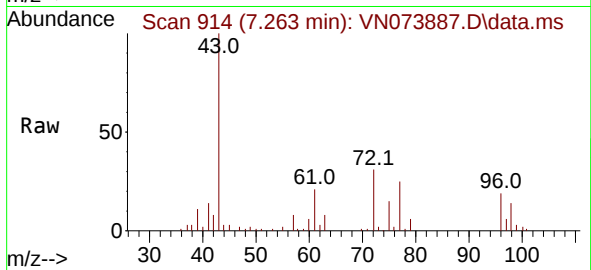
Tgt Ion: 63 Resp: 46749
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.5 10.4
 100 6.3 2.3 6.8





#25
2-Butanone
Concen: 17.305 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

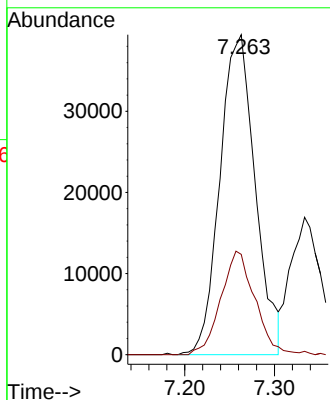
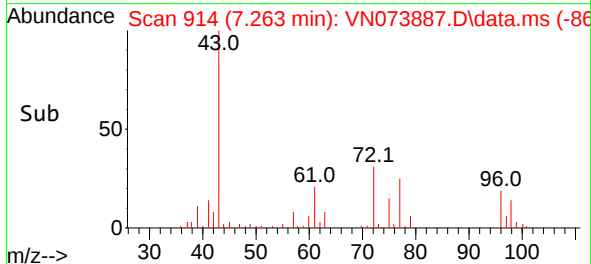
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 107886
Ion Ratio Lower Upper
43 100
72 31.4 23.7 35.5

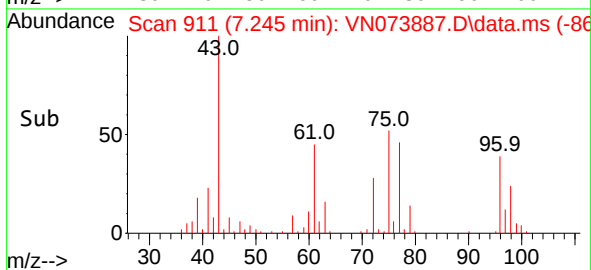
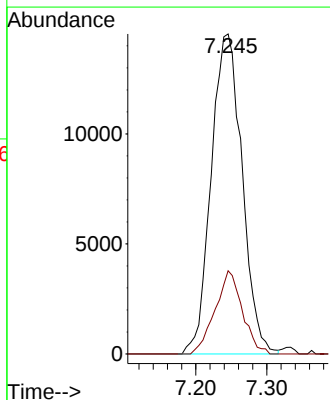
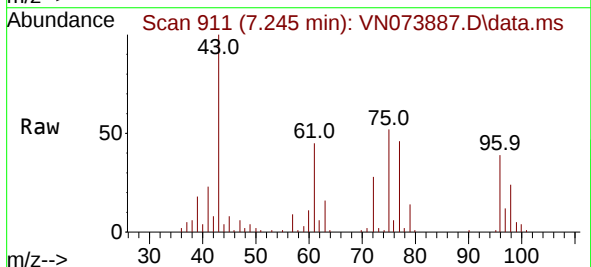
Manual Integrations
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Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#26
2,2-Dichloropropane
Concen: 4.624 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Tgt Ion: 77 Resp: 43926
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 4.248 ug/l

RT: 7.245 min Scan# 911

Delta R.T. -0.006 min

Lab File: VN073887.D

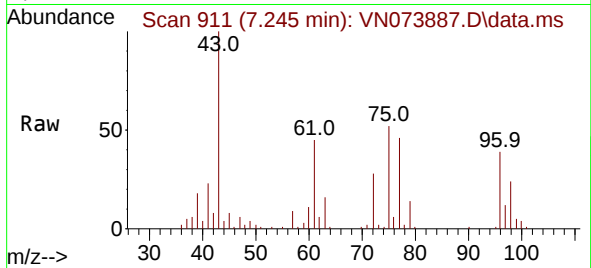
Acq: 15 Aug 2022 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005



Tgt Ion: 96 Resp: 32970

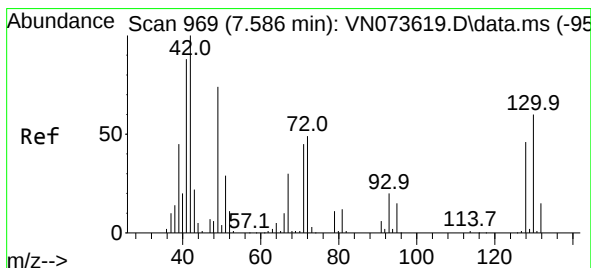
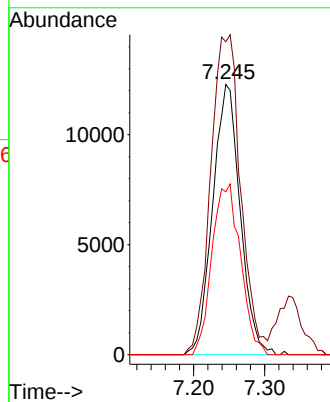
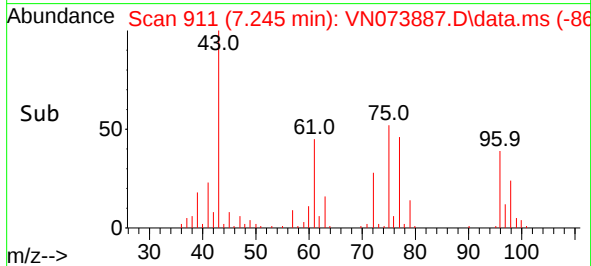
Ion	Ratio	Lower	Upper
96	100		
61	129.5	0.0	280.6
98	65.7	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#28

Bromochloromethane

Concen: 3.624 ug/l

RT: 7.581 min Scan# 968

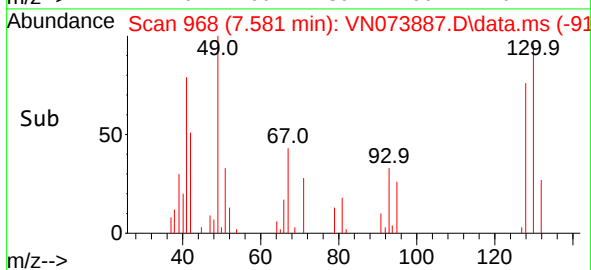
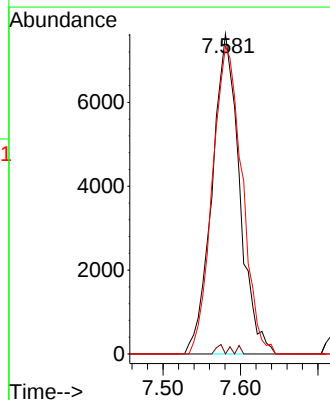
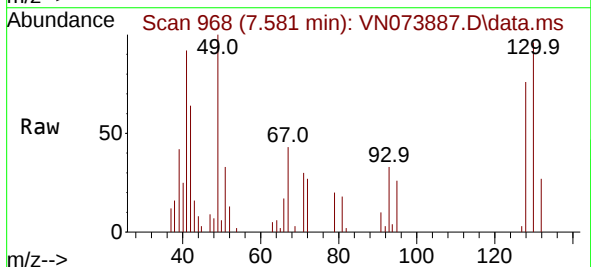
Delta R.T. -0.006 min

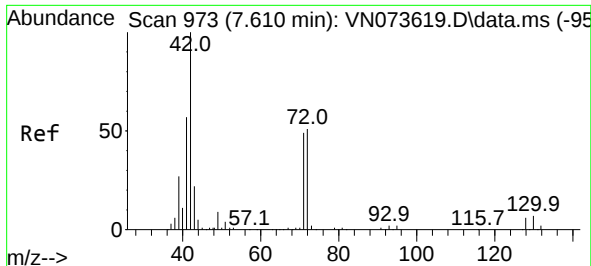
Lab File: VN073887.D

Acq: 15 Aug 2022 10:26

Tgt Ion: 49 Resp: 18790

Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	4.6
130	103.7	69.7	104.5





#29

Tetrahydrofuran

Concen: 17.318 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073887.D

Acq: 15 Aug 2022 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 6826

Ion Ratio Lower Upper

42 100

72 52.9 39.7 59.5

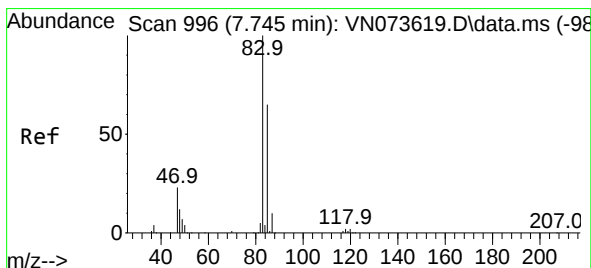
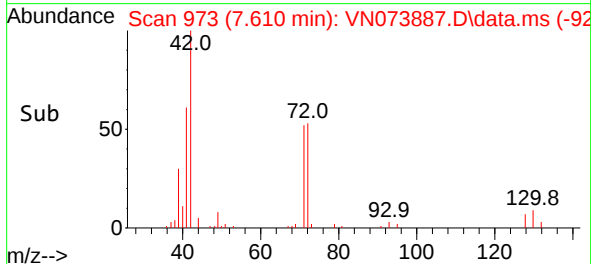
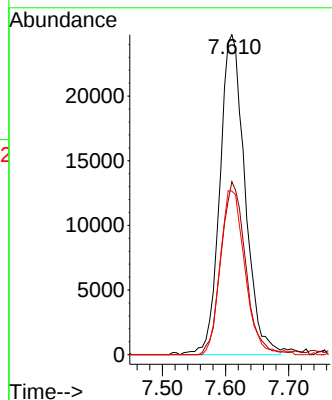
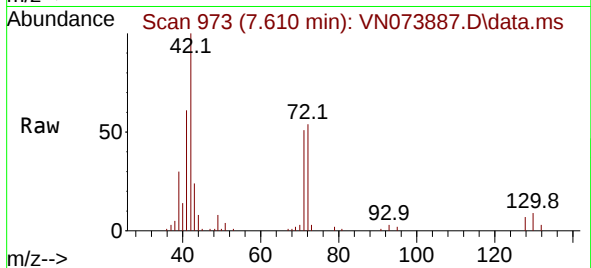
71 50.5 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#30

Chloroform

Concen: 4.024 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073887.D

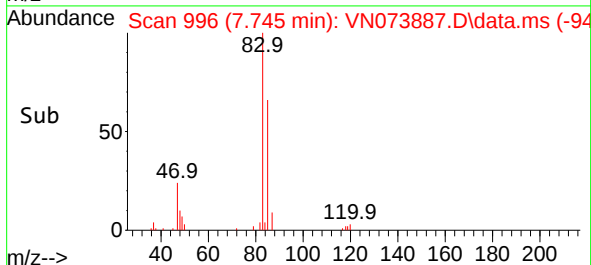
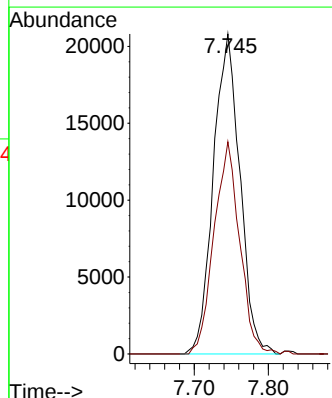
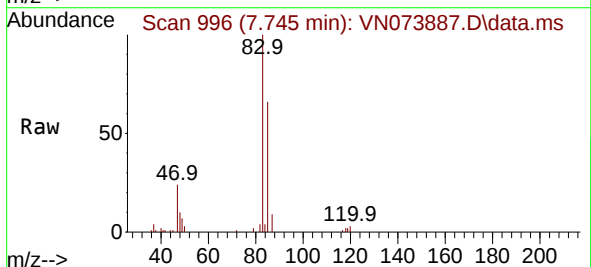
Acq: 15 Aug 2022 10:26

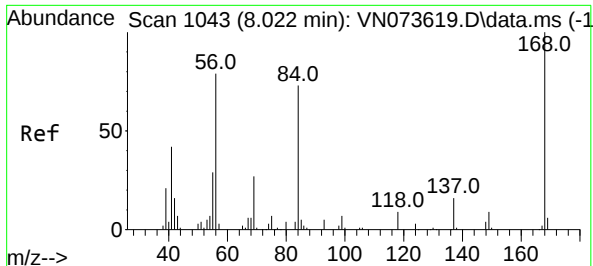
Tgt Ion: 83 Resp: 51764

Ion Ratio Lower Upper

83 100

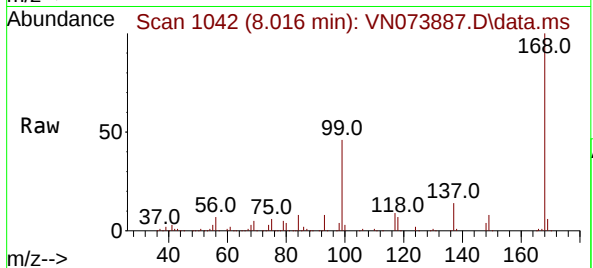
85 66.3 51.8 77.8





#31
Cyclohexane
Concen: 4.259 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

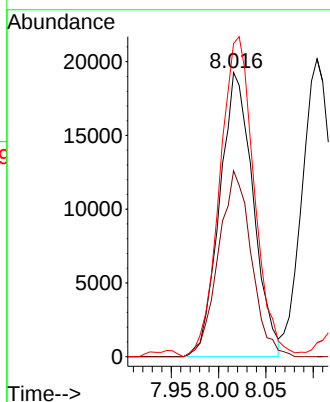
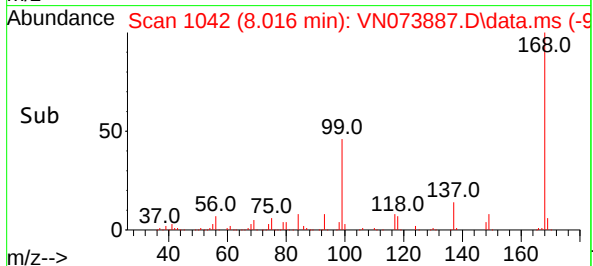
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



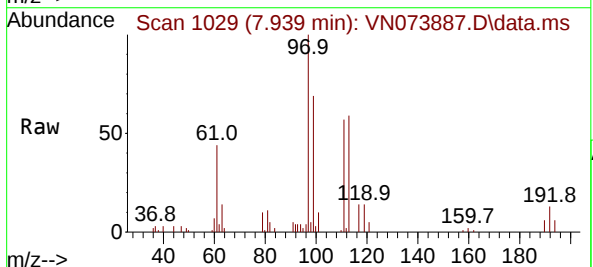
Tgt Ion: 56 Resp: 47390
Ion Ratio Lower Upper
56 100
69 65.4 27.8 41.8
84 109.3 76.9 115.3

Manual Integrations
APPROVED

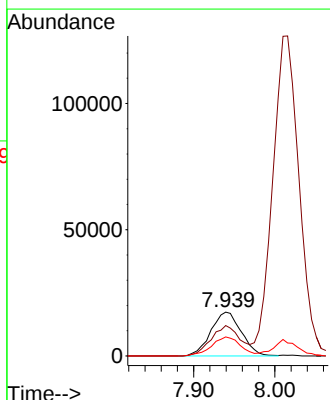
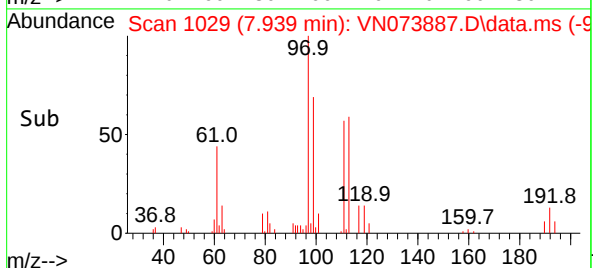
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

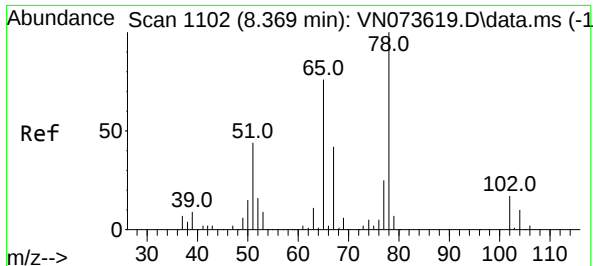


#32
1,1,1-Trichloroethane
Concen: 4.241 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26



Tgt Ion: 97 Resp: 45303
Ion Ratio Lower Upper
97 100
99 66.0 50.6 76.0
61 40.9 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 4.343 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073887.D

Acq: 15 Aug 2022 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 32458

Ion Ratio Lower Upper

65 100

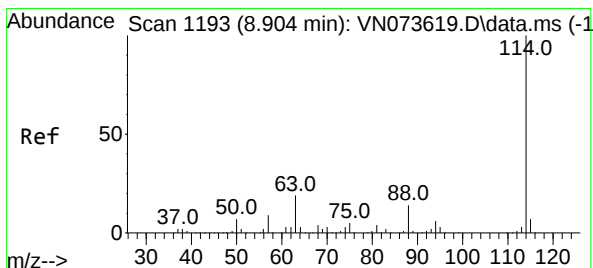
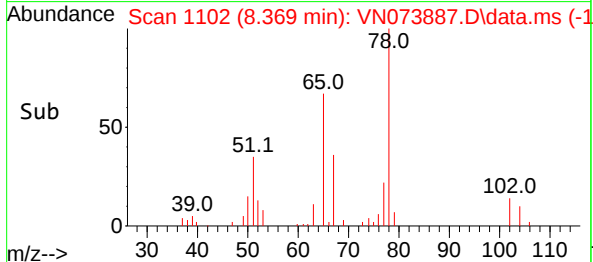
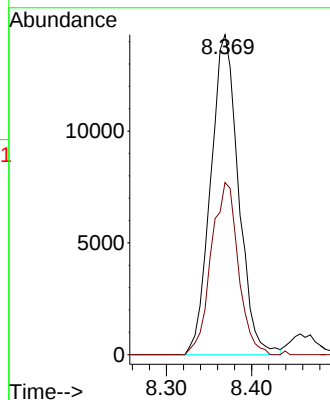
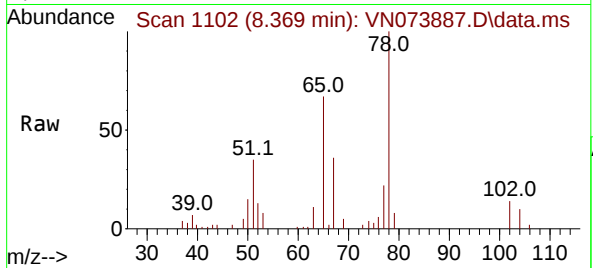
67 52.3 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073887.D

Acq: 15 Aug 2022 10:26

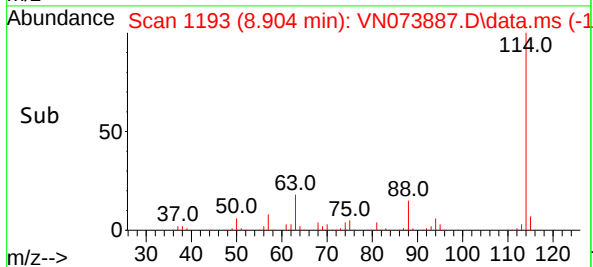
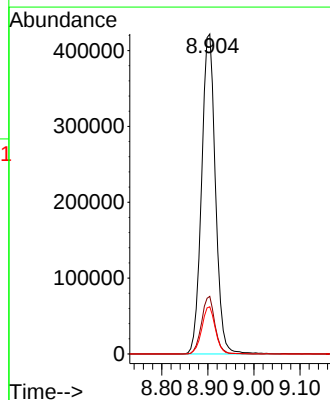
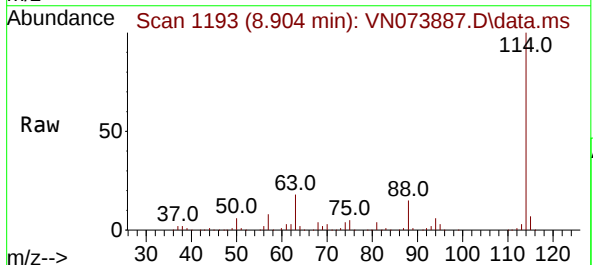
Tgt Ion:114 Resp: 885253

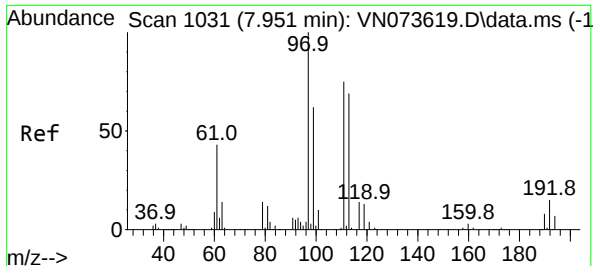
Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.0

88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 5.024 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073887.D

Acq: 15 Aug 2022 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 113 Resp: 27930

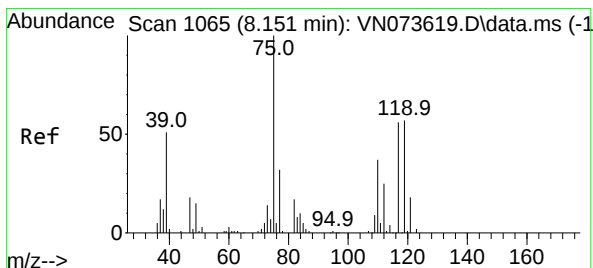
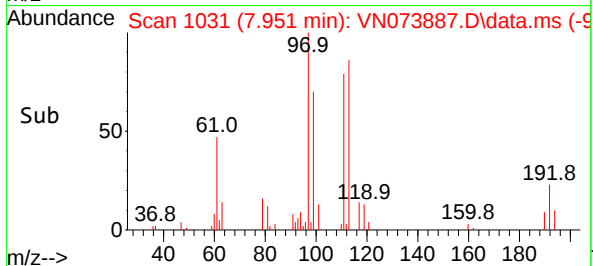
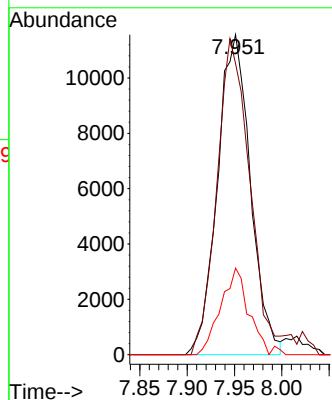
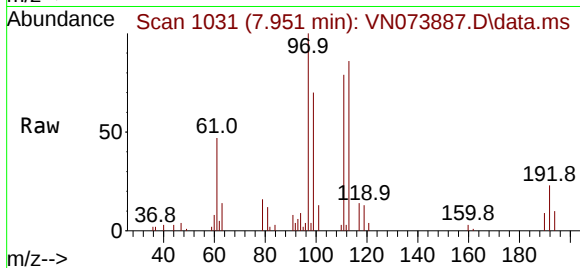
Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.4	122.0
192	23.5	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#36

1,1-Dichloropropene

Concen: 4.577 ug/l

RT: 8.151 min Scan# 1065

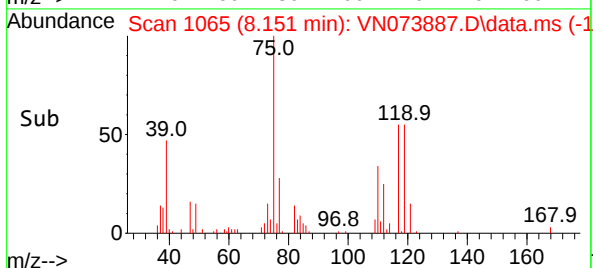
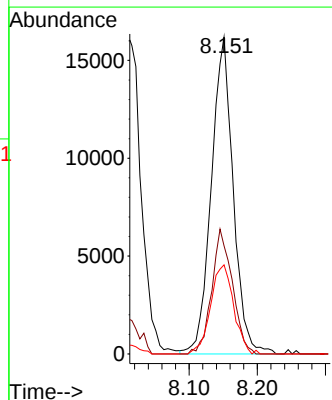
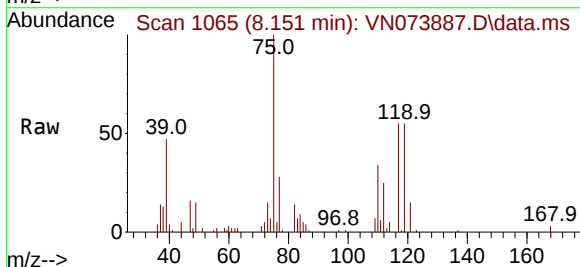
Delta R.T. 0.000 min

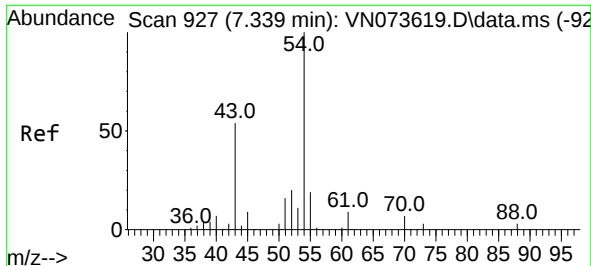
Lab File: VN073887.D

Acq: 15 Aug 2022 10:26

Tgt Ion: 75 Resp: 36265

Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.3	54.8
77	29.6	25.1	37.7





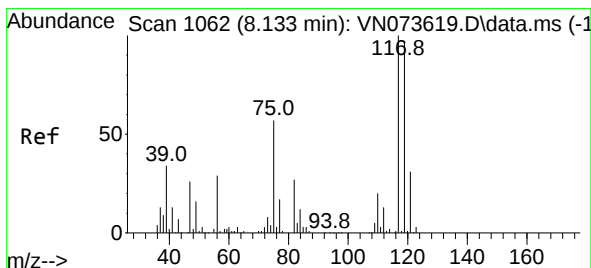
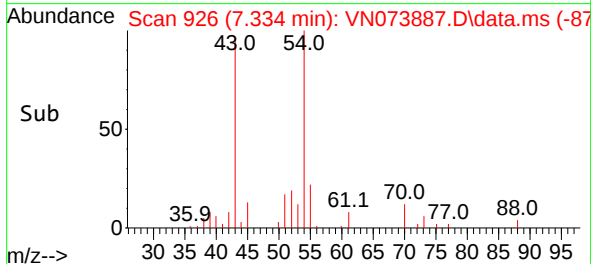
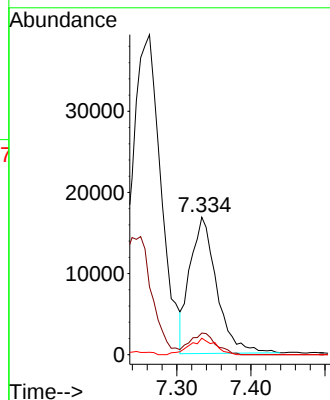
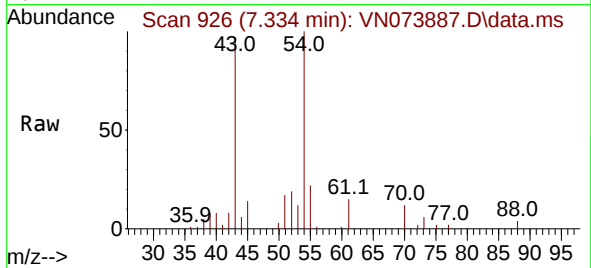
#37
Ethyl Acetate
Concen: 4.029 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 4203
Ion Ratio Lower Upper
43 100
61 15.3 11.8 17.6
70 11.6 9.3 13.9

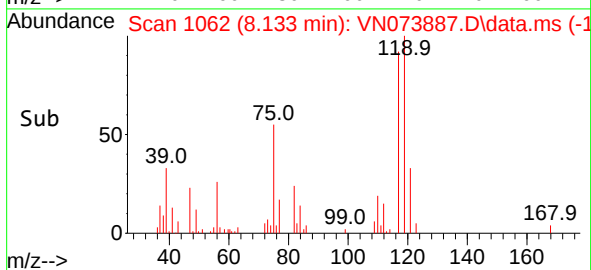
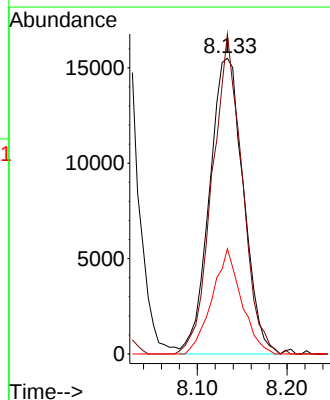
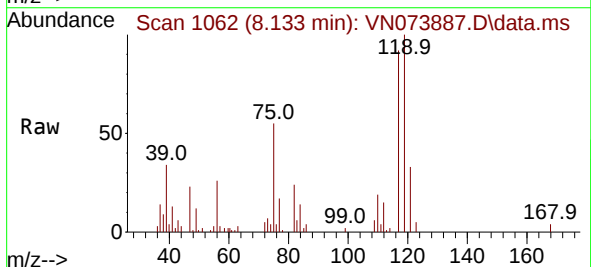
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#38
Carbon Tetrachloride
Concen: 5.056 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Tgt Ion:117 Resp: 40682
Ion Ratio Lower Upper
117 100
119 108.2 75.8 113.8
121 35.6 24.6 37.0





#39

Methylcyclohexane

Concen: 4.681 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VN073887.D

Acq: 15 Aug 2022 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 4431

Ion Ratio Lower Upper

83 100

55 75.8 57.8 86.8

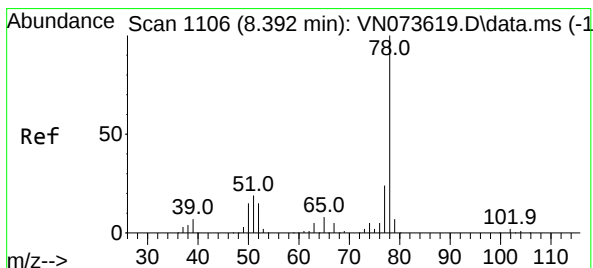
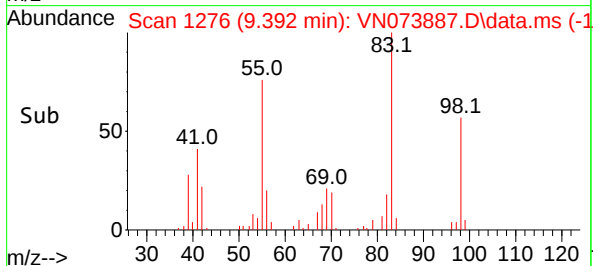
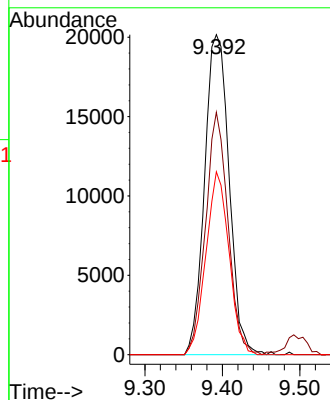
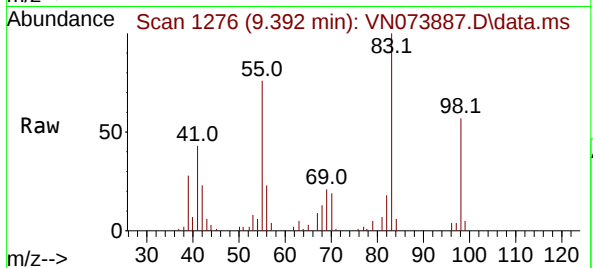
98 57.1 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#40

Benzene

Concen: 4.465 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073887.D

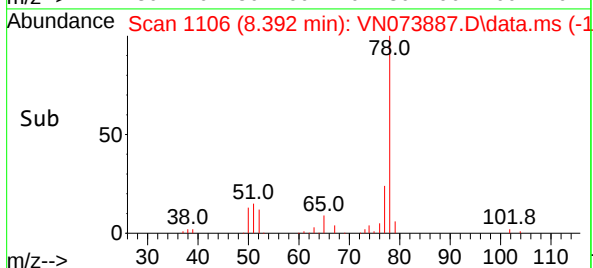
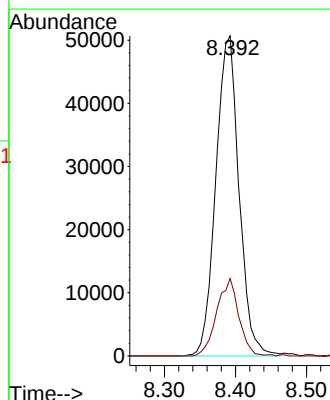
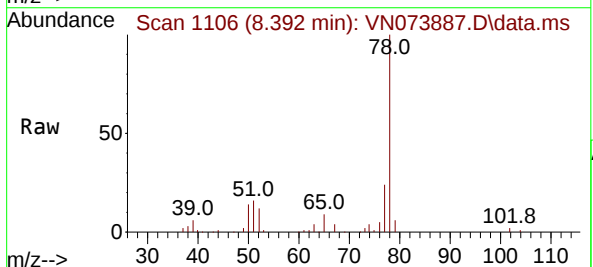
Acq: 15 Aug 2022 10:26

Tgt Ion: 78 Resp: 114879

Ion Ratio Lower Upper

78 100

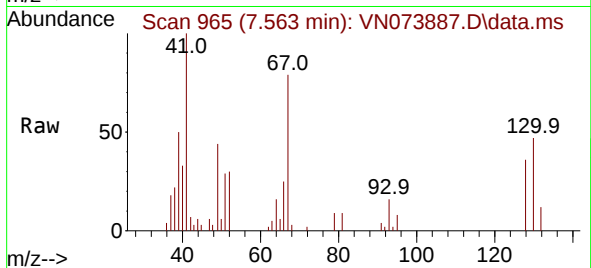
77 24.2 19.4 29.0





#41
Methacrylonitrile
Concen: 3.791 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

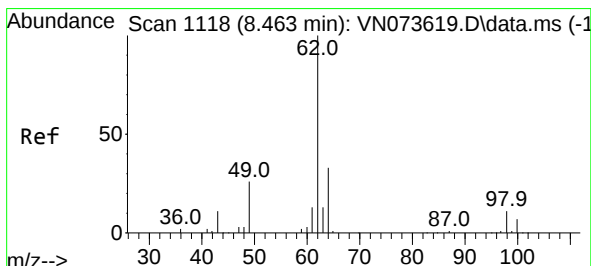
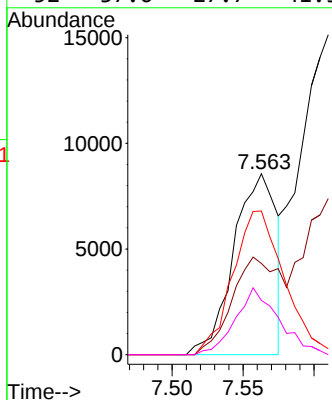
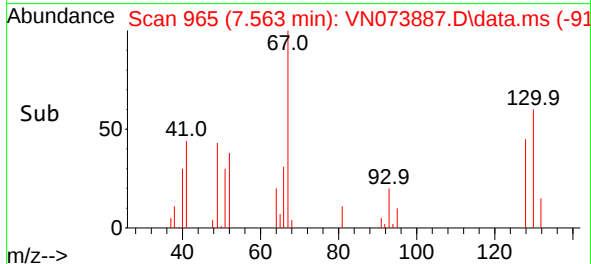
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



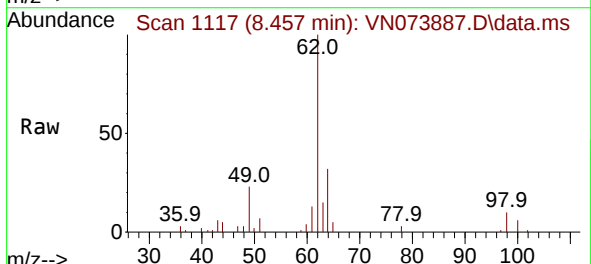
Tgt Ion: 41 Resp: 17900
Ion Ratio Lower Upper
41 100
39 62.3 48.6 73.0
67 97.5 73.4 110.2
52 37.6 27.7 41.5

Manual Integrations
APPROVED

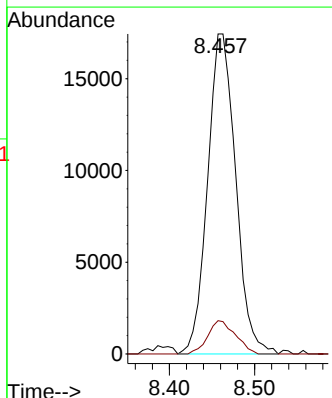
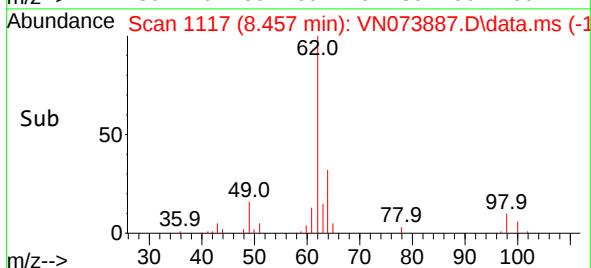
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

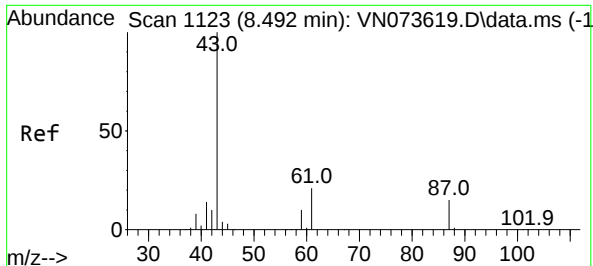


#42
1,2-Dichloroethane
Concen: 4.612 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26



Tgt Ion: 62 Resp: 39986
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.4





#43

Isopropyl Acetate

Concen: 4.349 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN073887.D

Acq: 15 Aug 2022 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

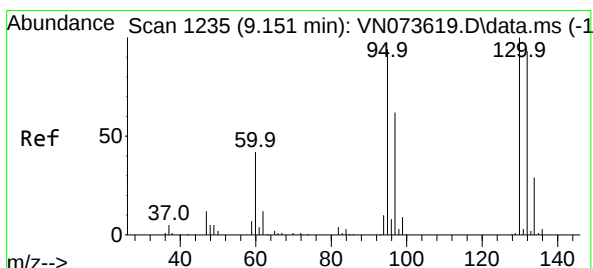
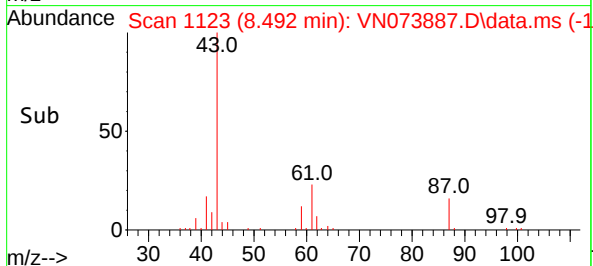
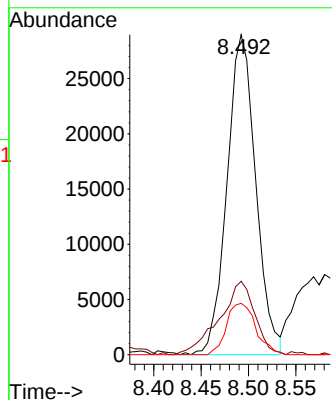
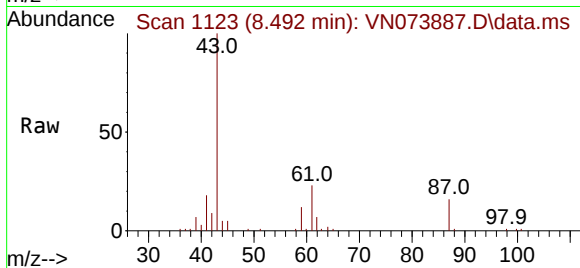
Tgt Ion: 43	Resp: 61290
Ion Ratio	Lower Upper
43 100	
61 28.2	21.9 32.9
87 16.3	12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#44

Trichloroethene

Concen: 4.993 ug/l

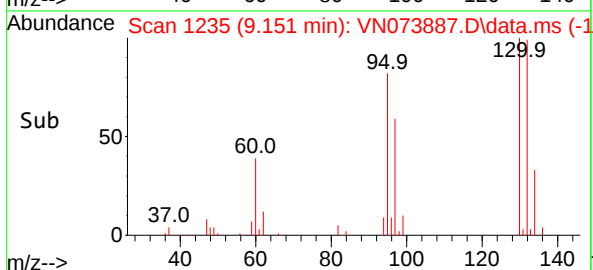
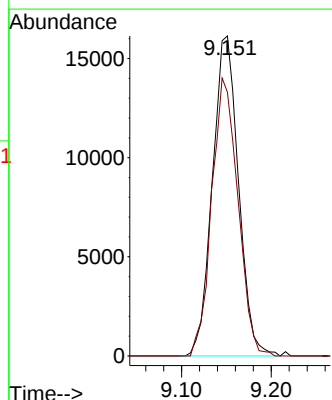
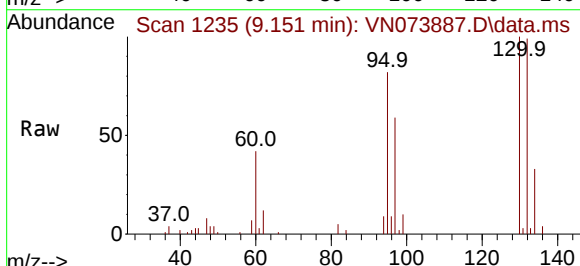
RT: 9.151 min Scan# 1235

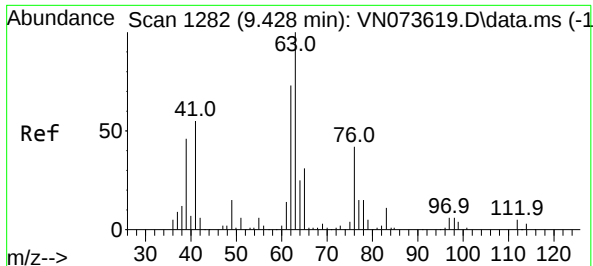
Delta R.T. 0.000 min

Lab File: VN073887.D

Acq: 15 Aug 2022 10:26

Tgt Ion:130	Resp: 32572
Ion Ratio	Lower Upper
130 100	
95 82.5	0.0 186.8





#45

1,2-Dichloropropane

Concen: 4.231 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073887.D

Acq: 15 Aug 2022 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 27210

Ion Ratio Lower Upper

63 100

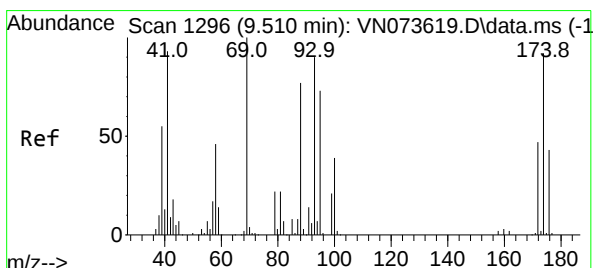
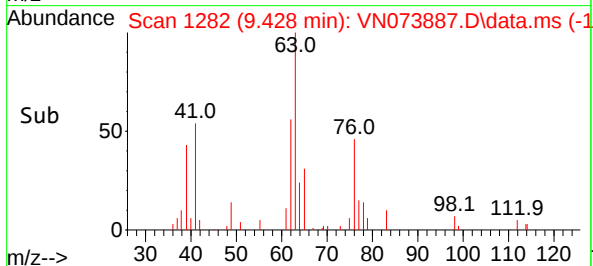
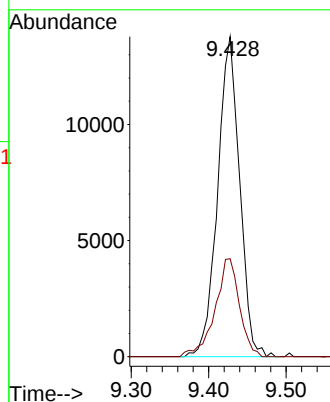
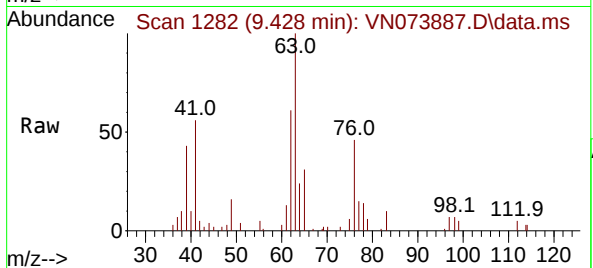
65 30.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#46

Dibromomethane

Concen: 4.524 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073887.D

Acq: 15 Aug 2022 10:26

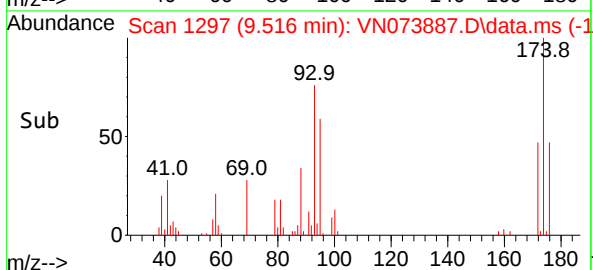
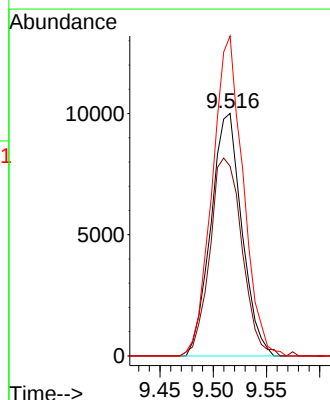
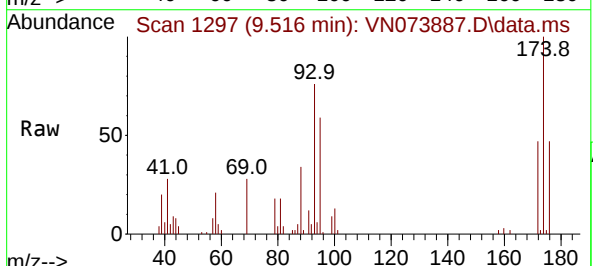
Tgt Ion: 93 Resp: 20190

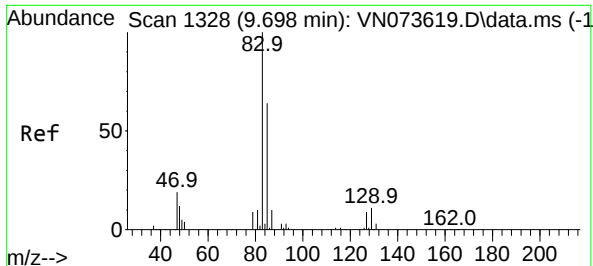
Ion Ratio Lower Upper

93 100

95 84.8 66.9 100.3

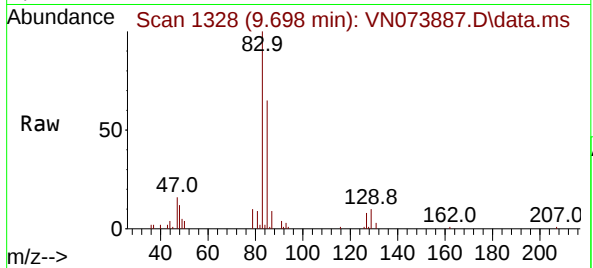
174 131.5 86.6 130.0#





#47
Bromodichloromethane
Concen: 4.464 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

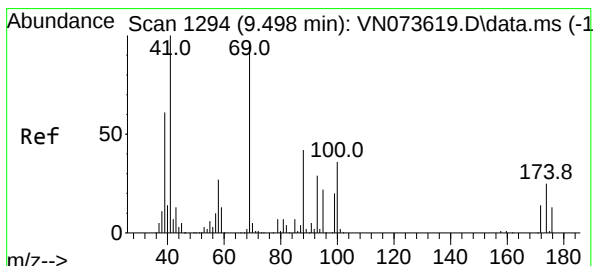
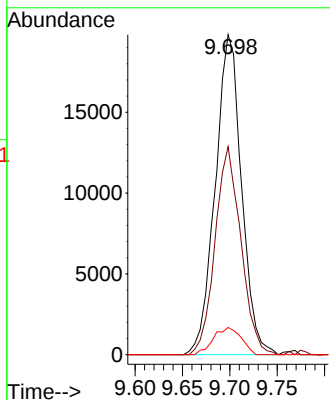
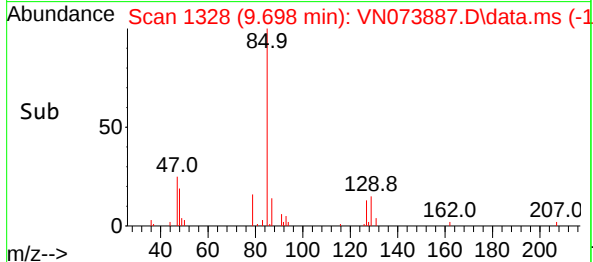
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



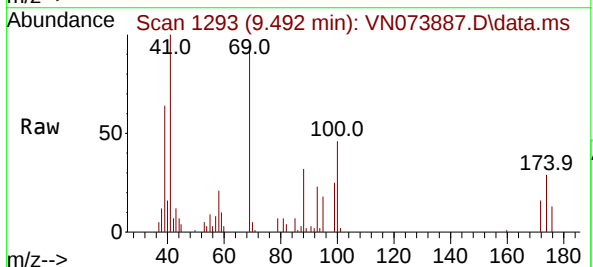
Tgt Ion: 83 Resp: 38238
Ion Ratio Lower Upper
83 100
85 65.0 50.5 75.7
127 8.5 6.8 10.2

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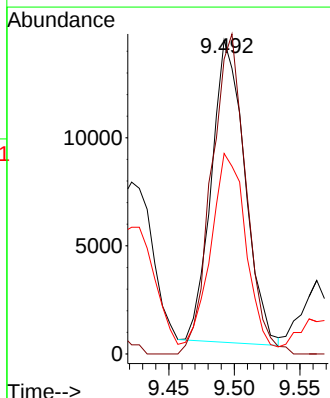
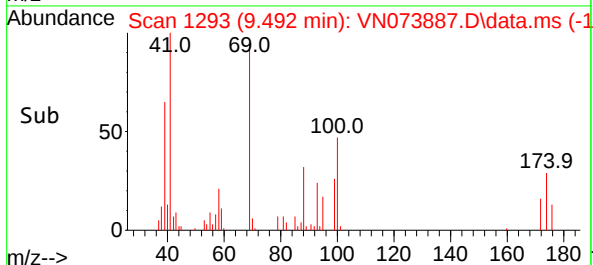
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

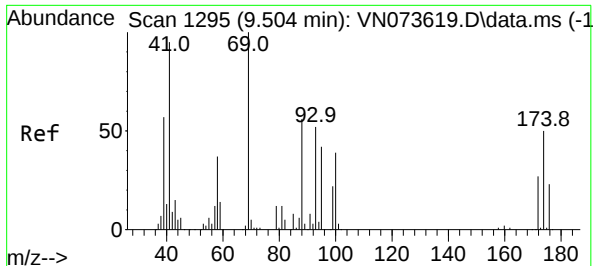


#48
Methyl methacrylate
Concen: 4.017 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26



Tgt Ion: 41 Resp: 24783
Ion Ratio Lower Upper
41 100
69 108.3 74.7 112.1
39 66.5 45.6 68.4





#49

1,4-Dioxane

Concen: 84.656 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073887.D

Acq: 15 Aug 2022 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 1472

Ion Ratio Lower Upper

88 100

43 27.9 20.2 30.4

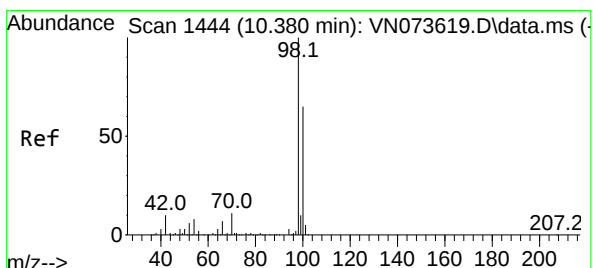
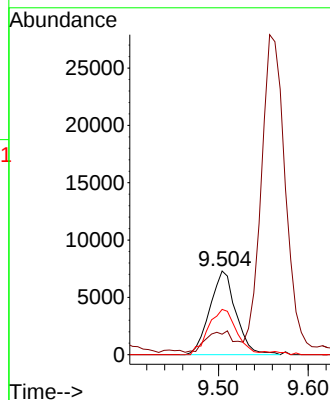
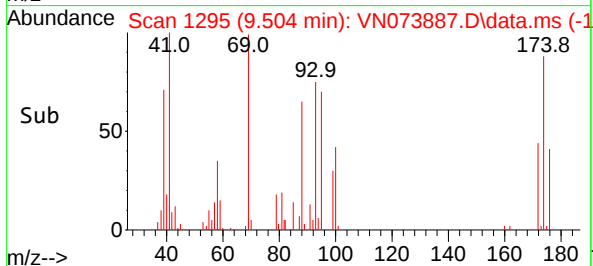
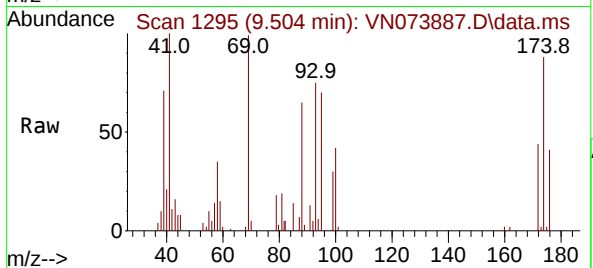
58 58.4 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#50

Toluene-d8

Concen: 4.840 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073887.D

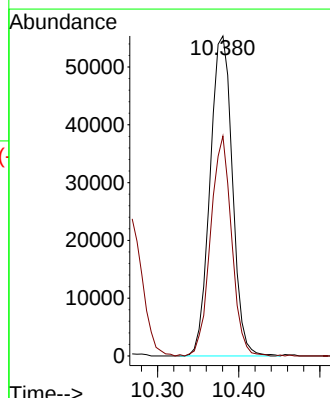
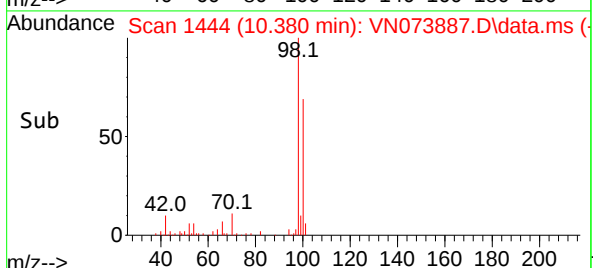
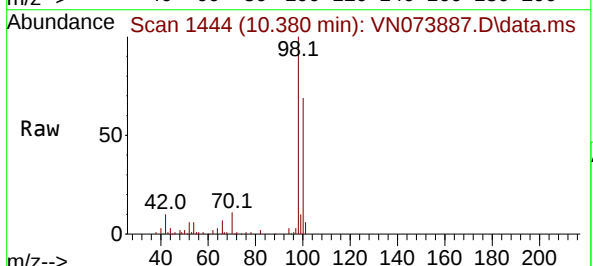
Acq: 15 Aug 2022 10:26

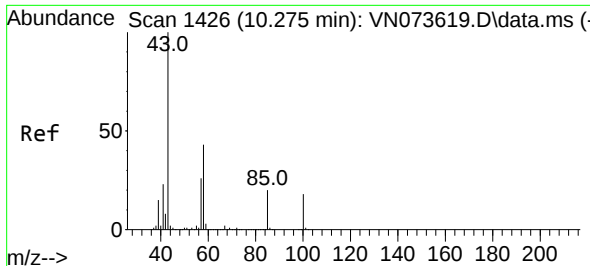
Tgt Ion: 98 Resp: 105876

Ion Ratio Lower Upper

98 100

100 64.6 52.6 78.8





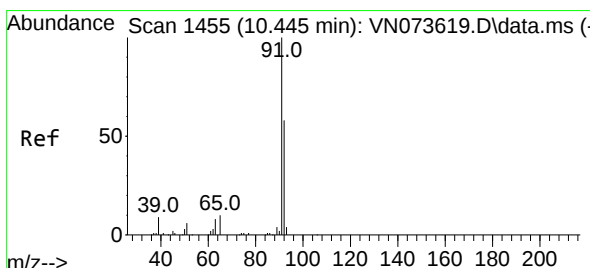
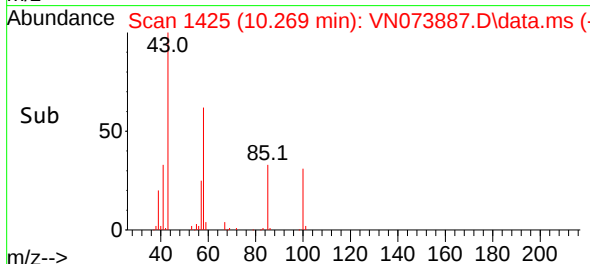
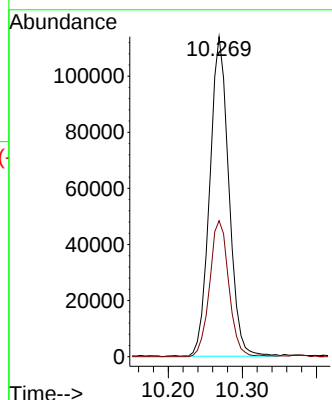
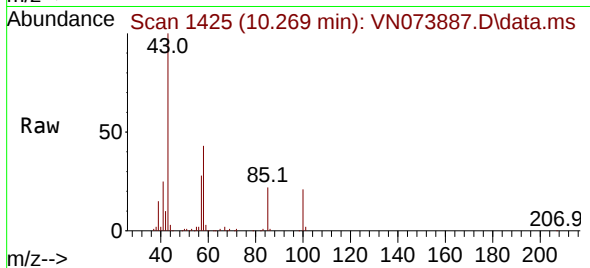
#51
4-Methyl-2-Pentanone
Concen: 20.149 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 20366
Ion Ratio Lower Upper
43 100
58 42.9 34.1 51.1

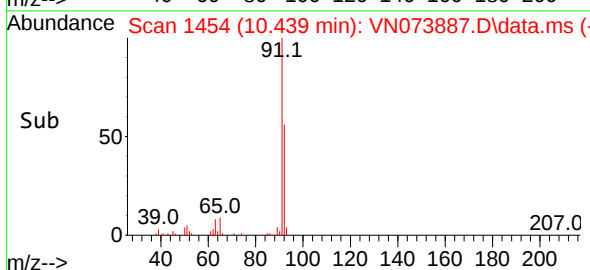
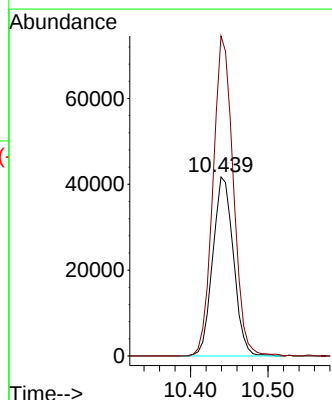
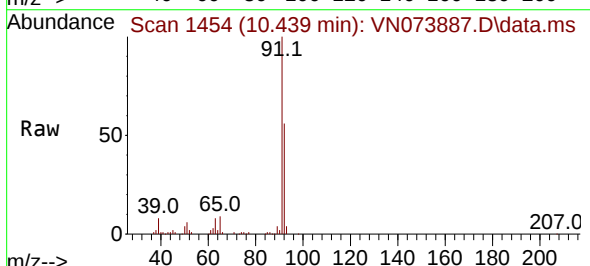
Manual Integrations
APPROVED

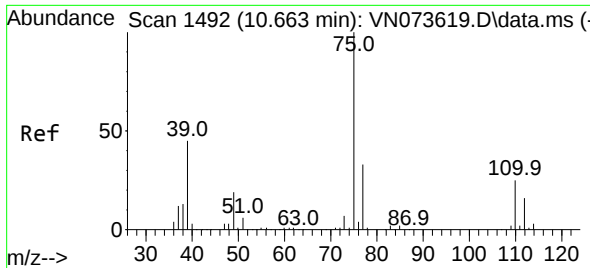
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#52
Toluene
Concen: 4.934 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Tgt Ion: 92 Resp: 77536
Ion Ratio Lower Upper
92 100
91 175.4 138.6 207.8





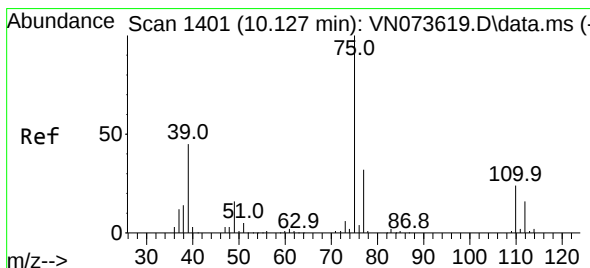
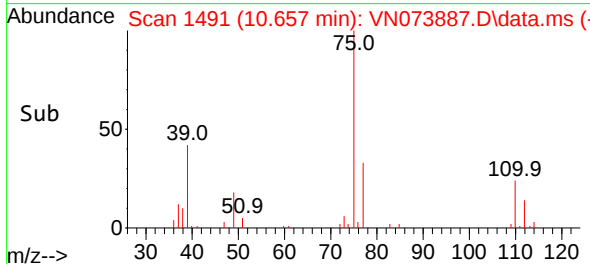
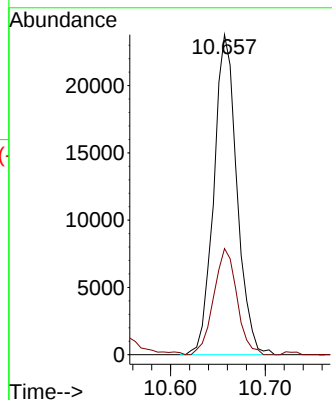
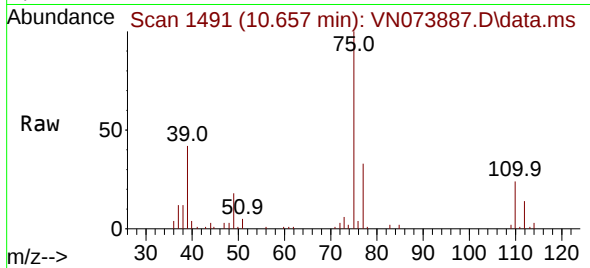
#53
t-1,3-Dichloropropene
Concen: 4.767 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 40344
Ion Ratio Lower Upper
75 100
77 33.1 25.6 38.4

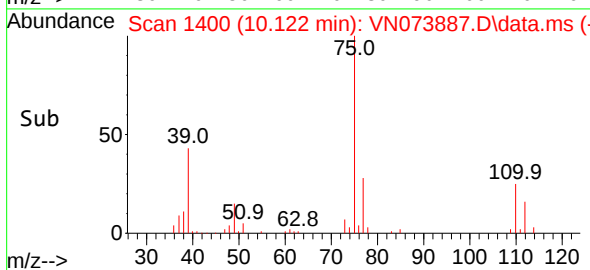
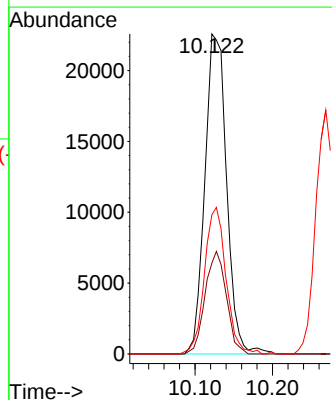
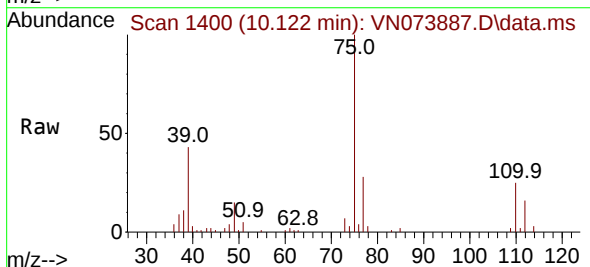
Manual Integrations
APPROVED

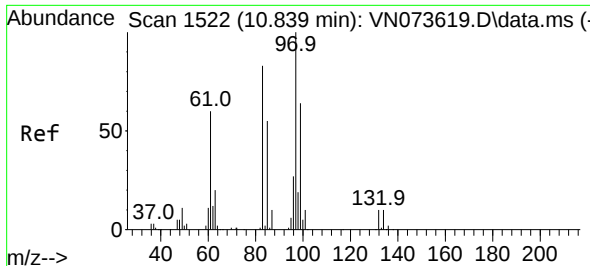
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#54
cis-1,3-Dichloropropene
Concen: 4.625 ug/l
RT: 10.122 min Scan# 1400
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

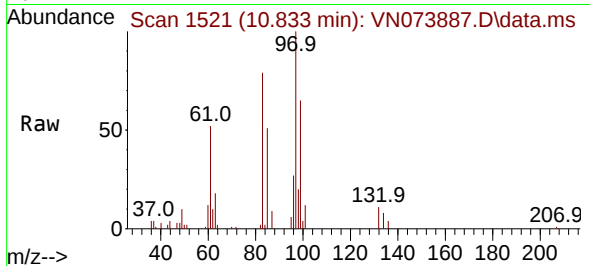
Tgt Ion: 75 Resp: 44106
Ion Ratio Lower Upper
75 100
77 28.4 25.2 37.8
39 43.5 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 4.707 ug/l
RT: 10.833 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

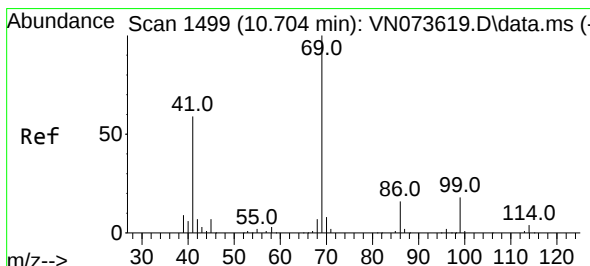
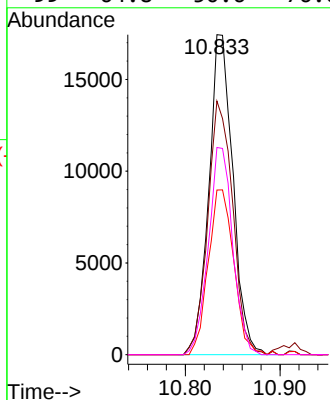
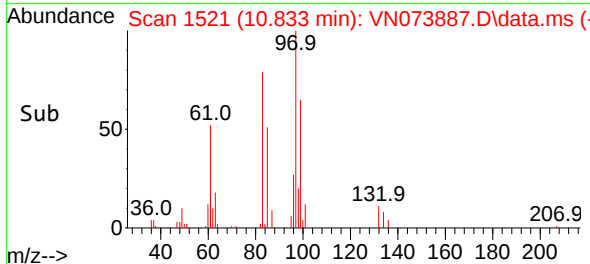
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



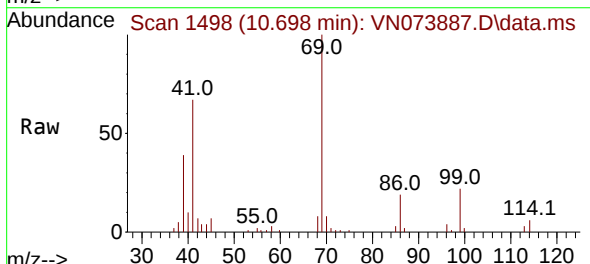
Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.3	66.2	99.4
85	51.5	43.9	65.9
99	64.8	50.6	76.0

Manual Integrations
APPROVED

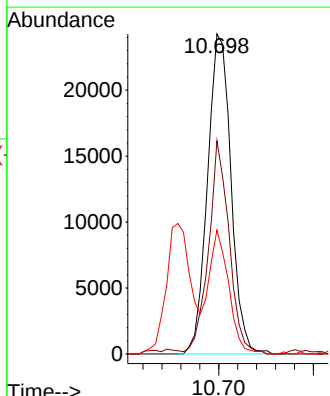
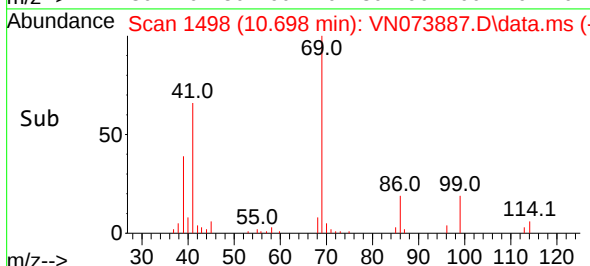
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#56
Ethyl methacrylate
Concen: 4.624 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26



Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.6	47.8	71.6
39	32.9	27.3	40.9





#57

1,3-Dichloropropane

Concen: 4.535 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN073887.D

Acq: 15 Aug 2022 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 50420

Ion Ratio Lower Upper

76 100

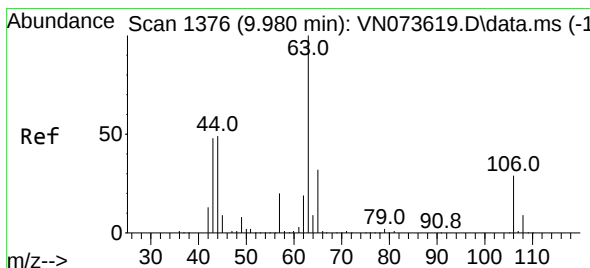
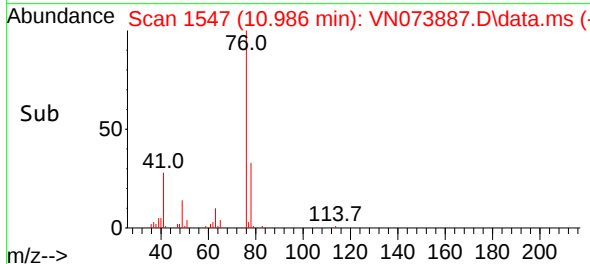
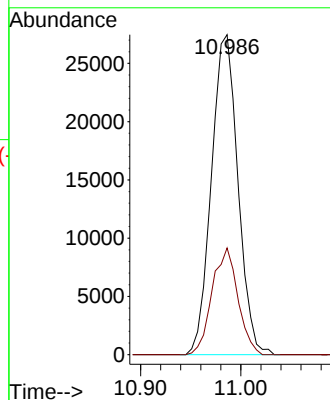
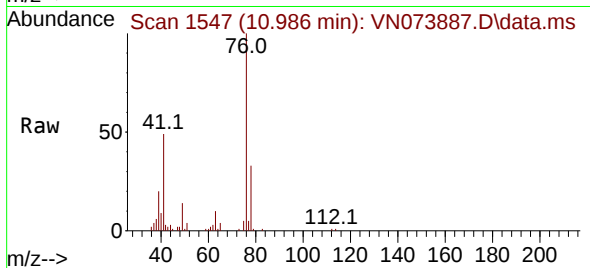
78 32.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 31.255 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073887.D

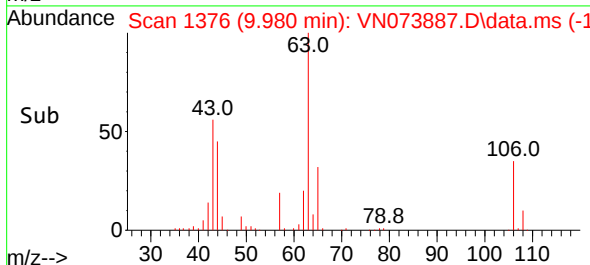
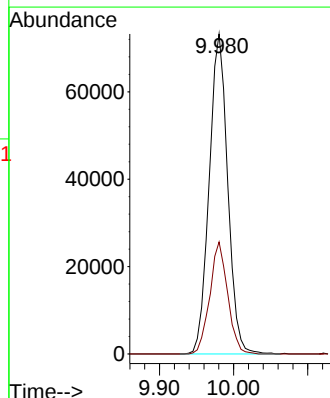
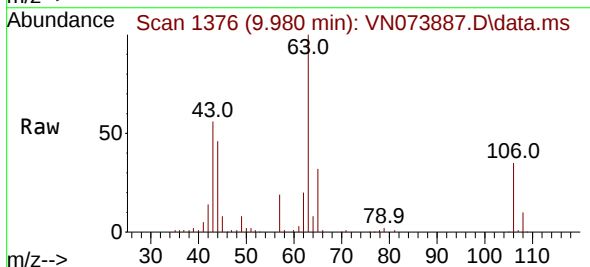
Acq: 15 Aug 2022 10:26

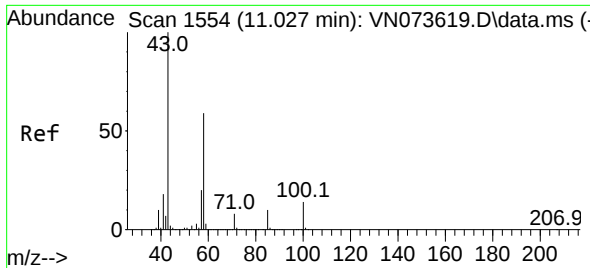
Tgt Ion: 63 Resp: 126956

Ion Ratio Lower Upper

63 100

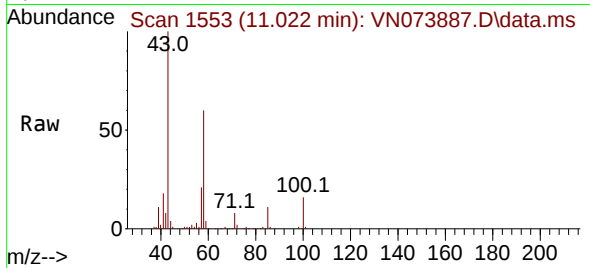
106 33.7 24.6 36.8





#59
2-Hexanone
Concen: 20.566 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.005 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

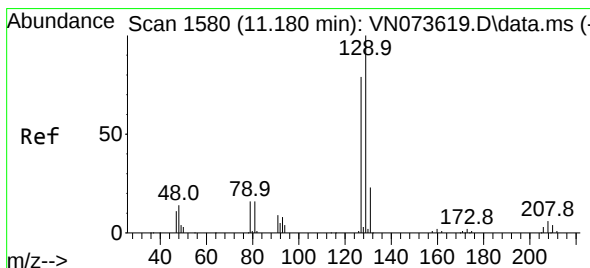
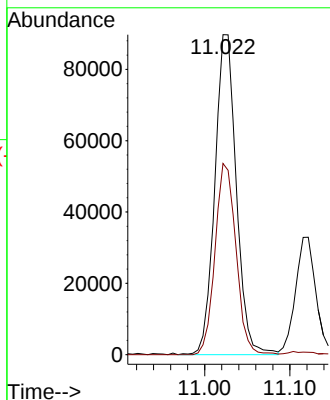
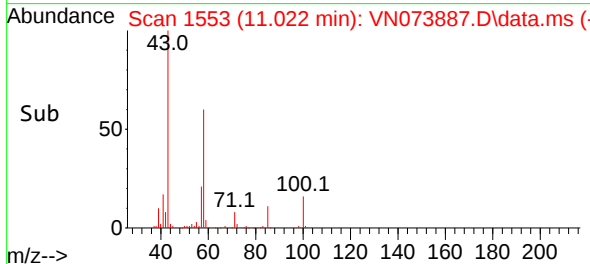
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 15749
Ion Ratio Lower Upper
43 100
58 58.2 29.7 89.1

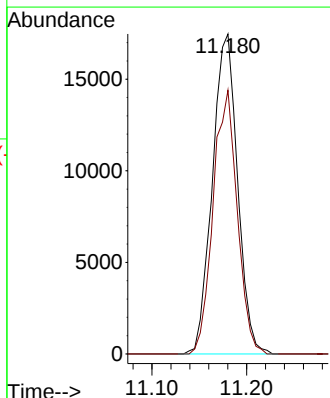
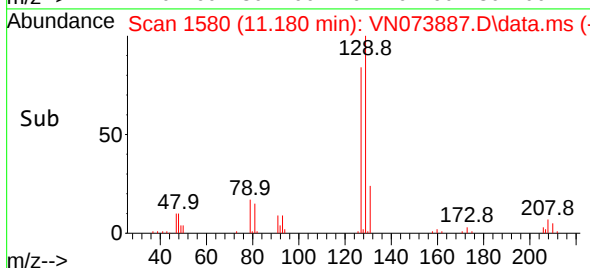
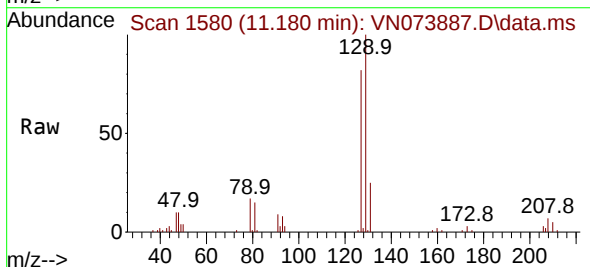
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#60
Dibromochloromethane
Concen: 4.964 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

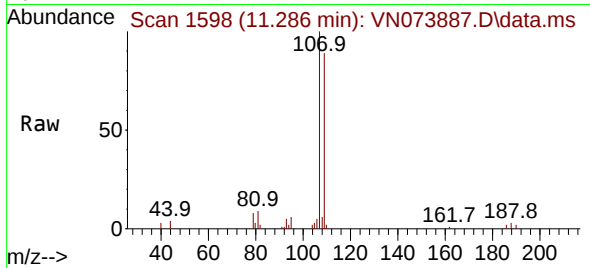
Tgt Ion:129 Resp: 32364
Ion Ratio Lower Upper
129 100
127 78.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 4.735 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

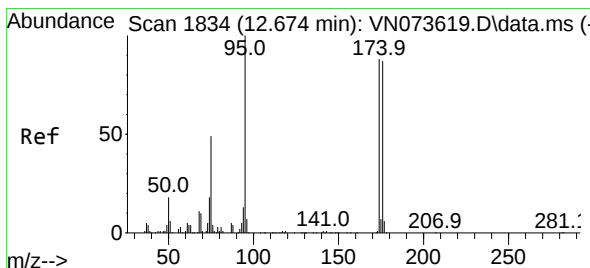
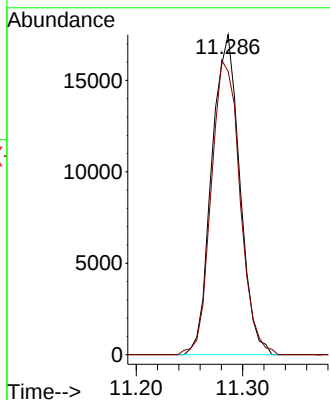
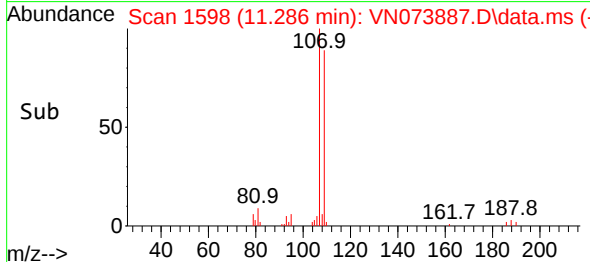
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



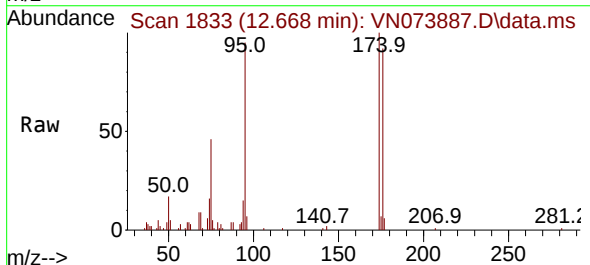
Tgt Ion:107 Resp: 31954
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.6

Manual Integrations
APPROVED

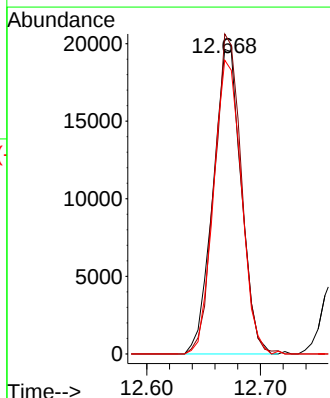
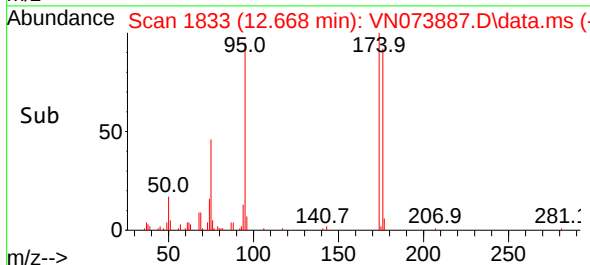
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

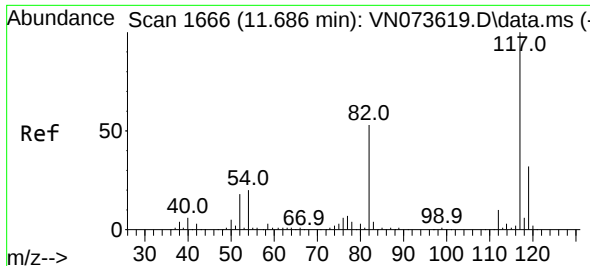


#62
4-Bromofluorobenzene
Concen: 5.014 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26



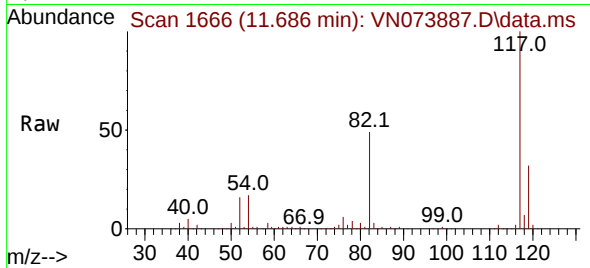
Tgt Ion: 95 Resp: 33918
Ion Ratio Lower Upper
95 100
174 100.2 0.0 167.6
176 95.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

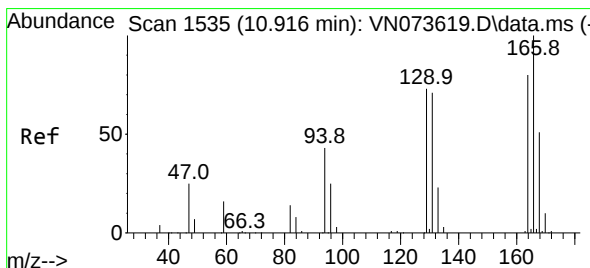
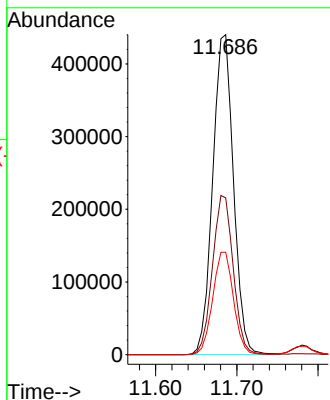
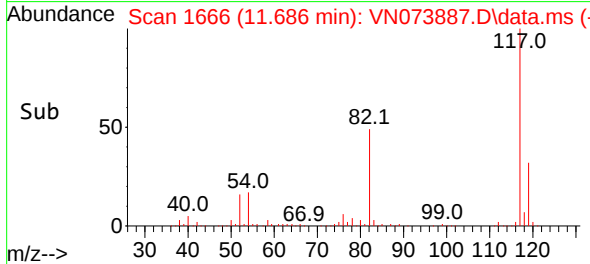
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



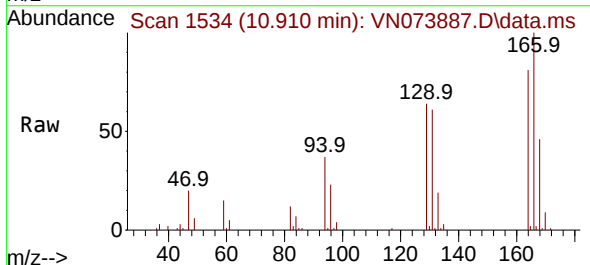
Tgt Ion:117 Resp: 78322
Ion Ratio Lower Upper
117 100
82 49.0 44.2 66.2
119 32.0 25.4 38.0

Manual Integrations
APPROVED

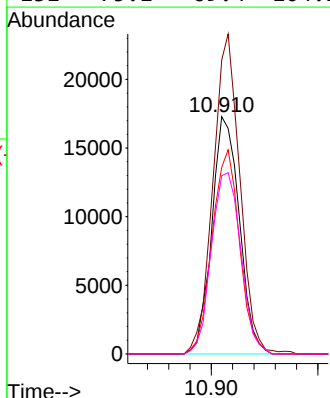
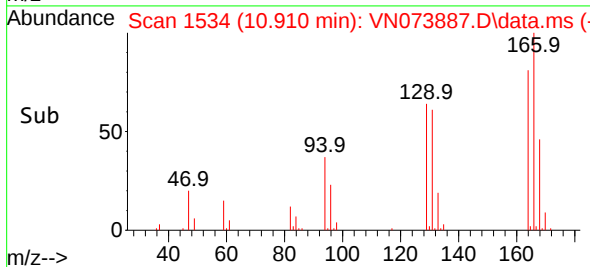
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

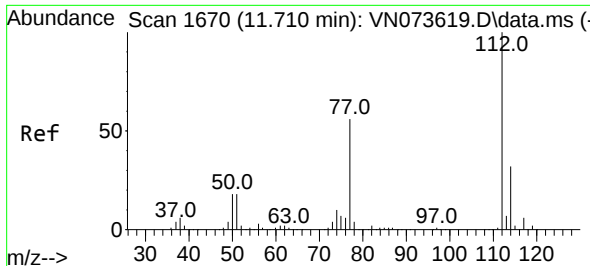


#64
Tetrachloroethene
Concen: 4.973 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26



Tgt Ion:164 Resp: 30956
Ion Ratio Lower Upper
164 100
166 123.9 104.2 156.2
129 78.7 73.9 110.9
131 75.1 69.4 104.2





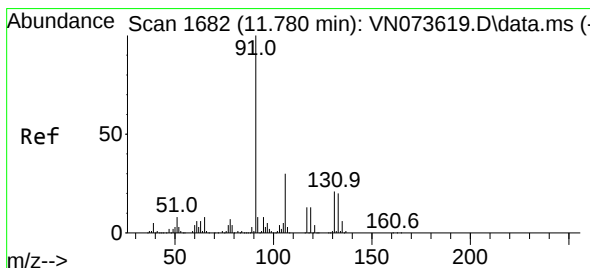
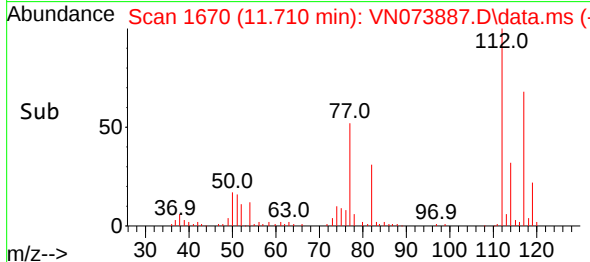
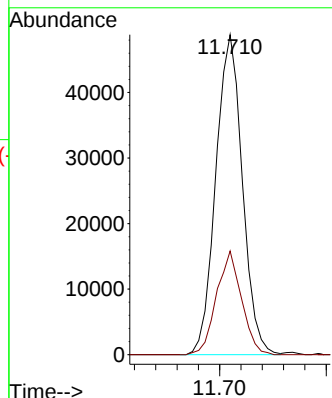
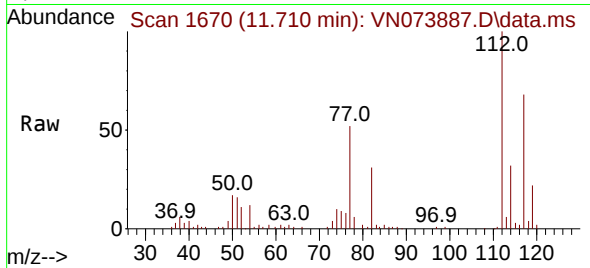
#65
Chlorobenzene
Concen: 5.079 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 84498
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

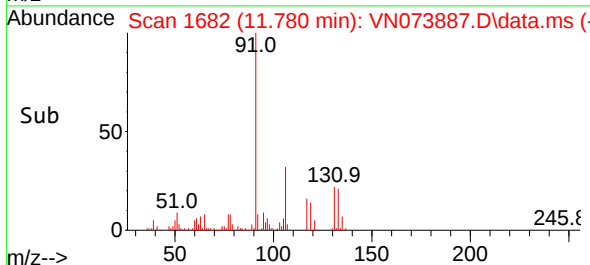
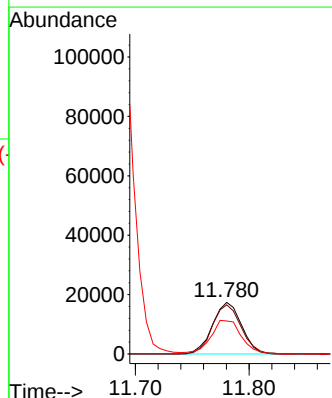
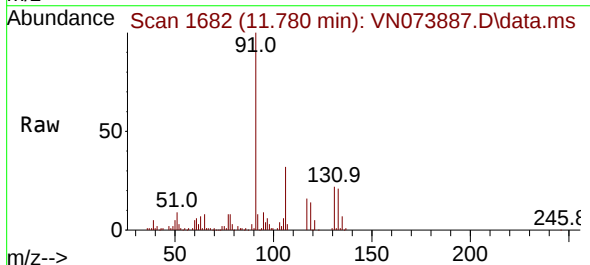
Manual Integrations
APPROVED

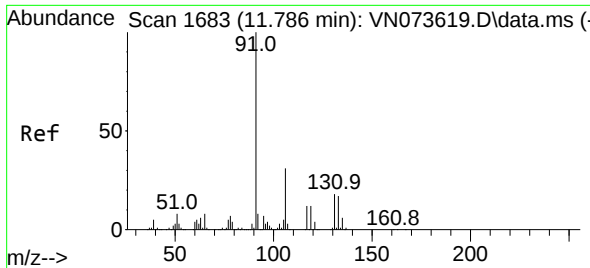
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 5.142 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Tgt Ion:131 Resp: 30681
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.4
119 68.9 33.4 100.2





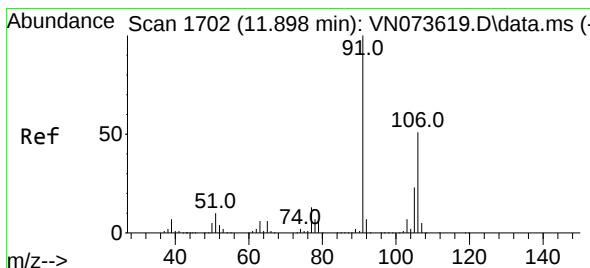
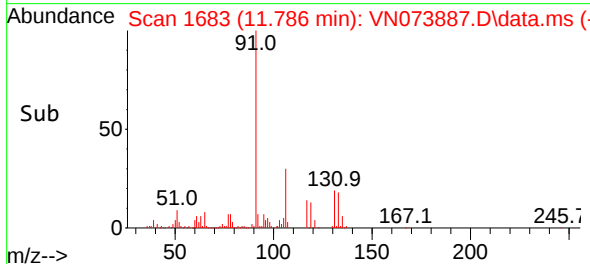
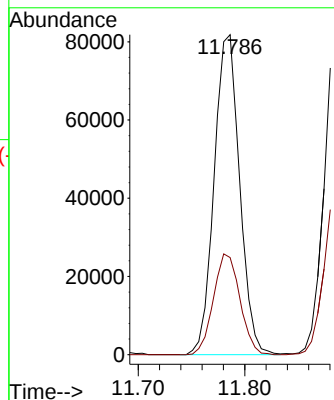
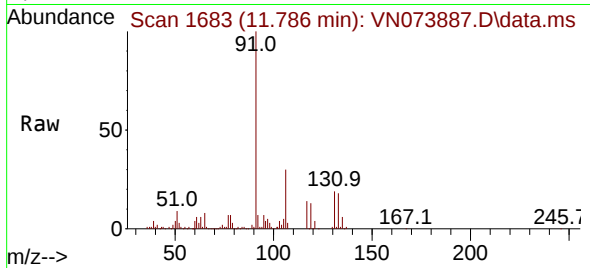
#67
Ethyl Benzene
Concen: 4.835 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 135692
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

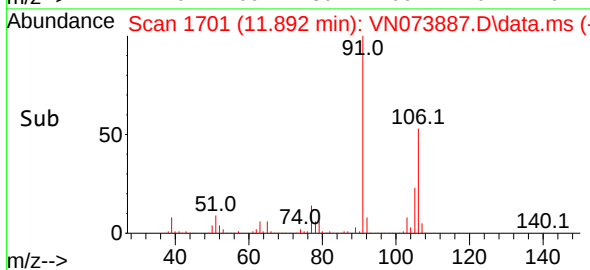
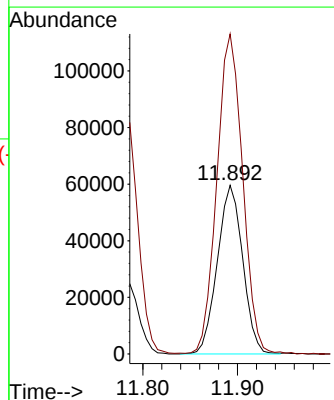
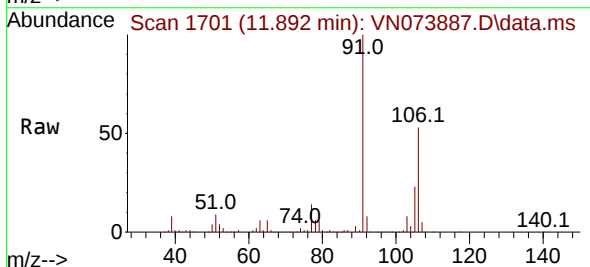
Manual Integrations
APPROVED

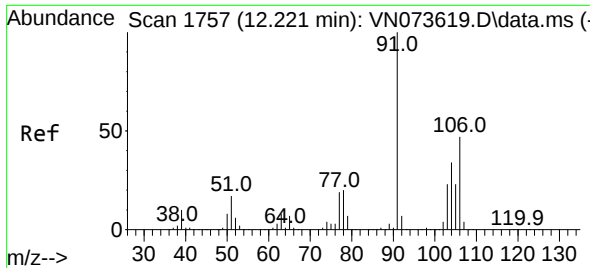
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#68
m/p-Xylenes
Concen: 10.368 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Tgt Ion:106 Resp: 110988
Ion Ratio Lower Upper
106 100
91 192.9 158.9 238.3





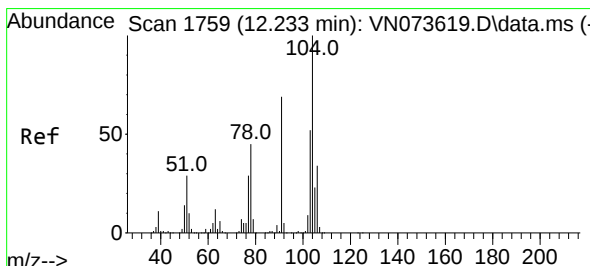
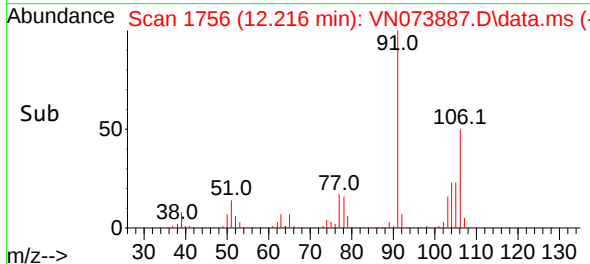
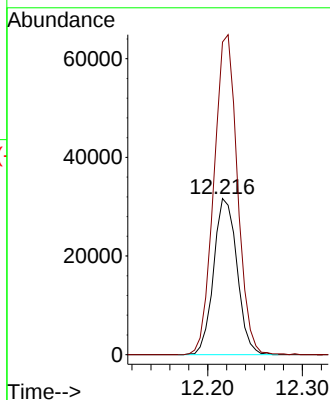
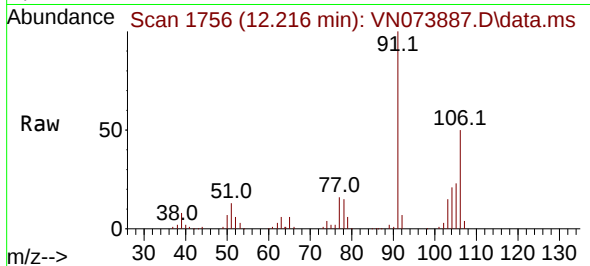
#69
o-Xylene
Concen: 5.209 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 54360
Ion Ratio Lower Upper
106 100
91 206.3 106.0 318.0

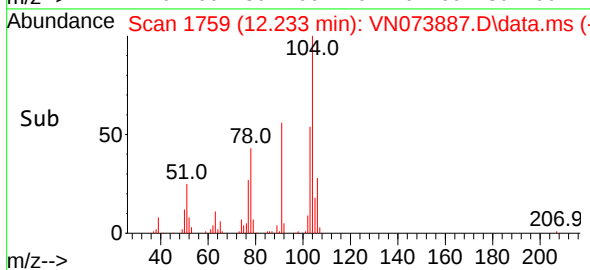
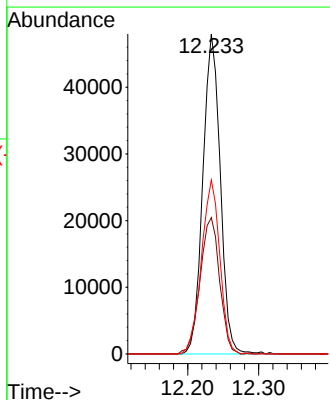
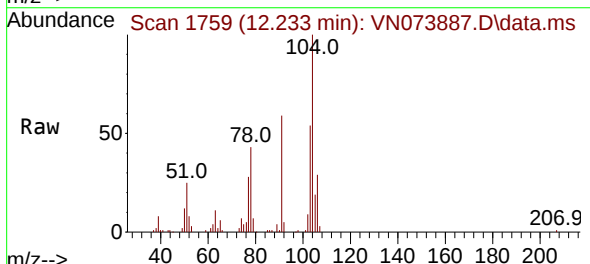
Manual Integrations
APPROVED

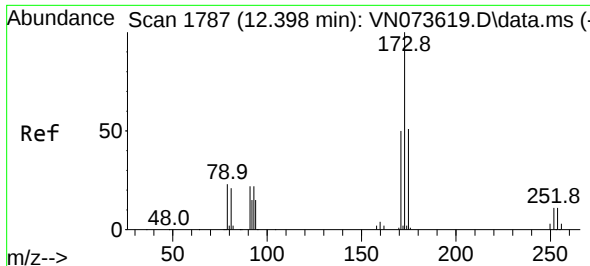
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#70
Styrene
Concen: 4.912 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

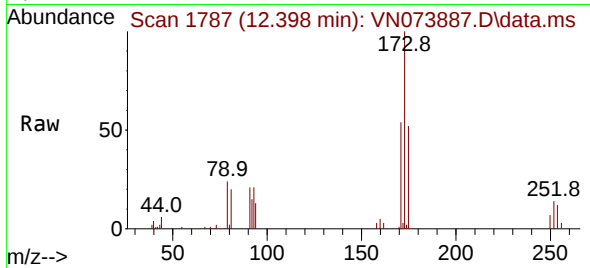
Tgt Ion:104 Resp: 82068
Ion Ratio Lower Upper
104 100
78 47.6 39.5 59.3
103 57.3 44.0 66.0





#71
Bromoform
Concen: 5.307 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

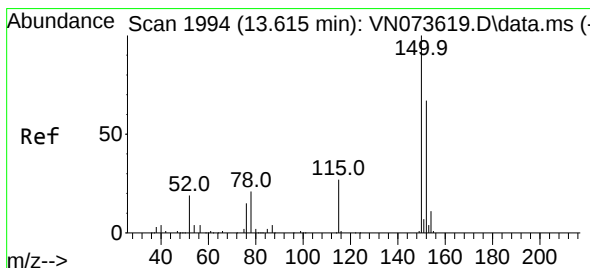
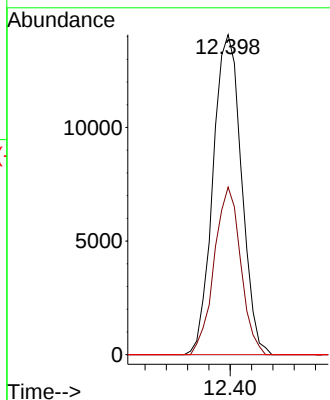
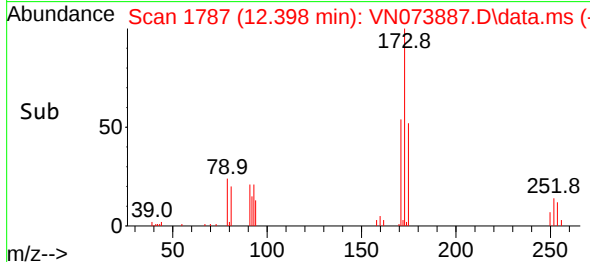
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



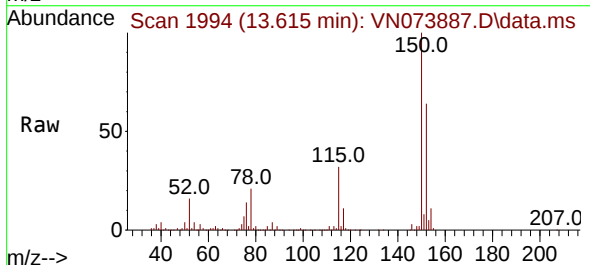
Tgt Ion:173 Resp: 26138
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

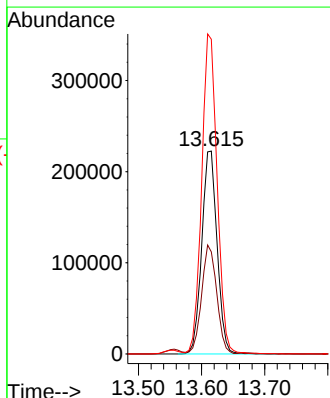
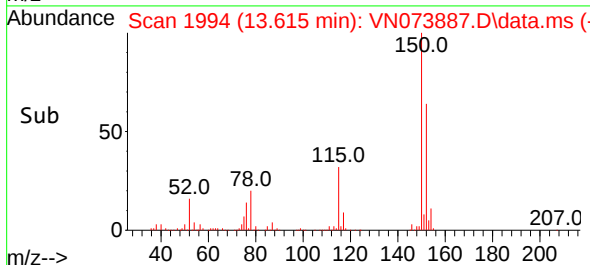
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26



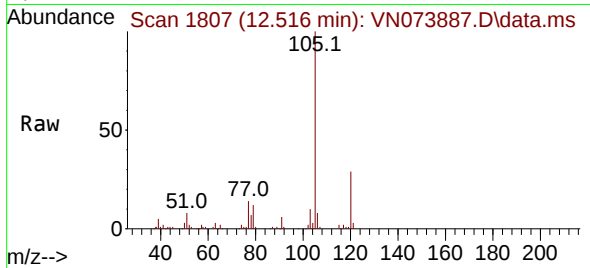
Tgt Ion:152 Resp: 376148
Ion Ratio Lower Upper
152 100
115 52.5 28.9 86.7
150 158.7 0.0 356.2





#73
Isopropylbenzene
Concen: 4.872 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

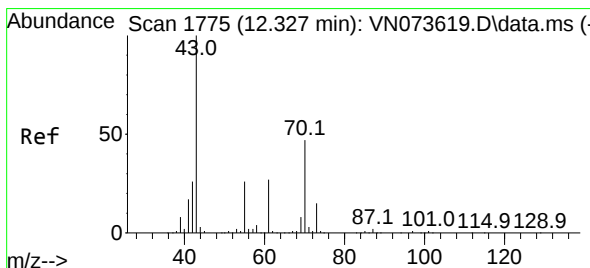
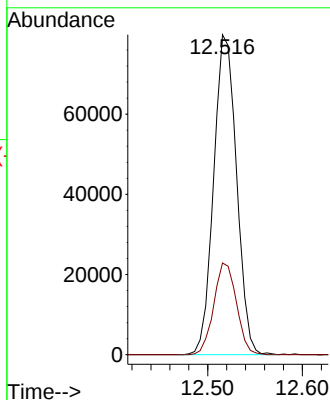
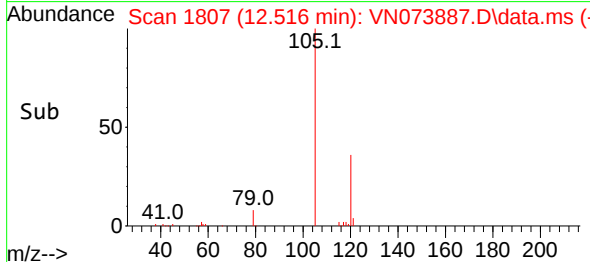
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 105 Resp: 13414
Ion Ratio Lower Upper
105 100
120 28.4 13.5 40.4

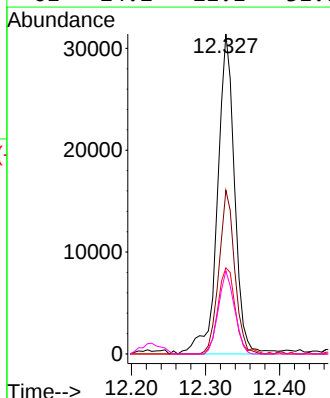
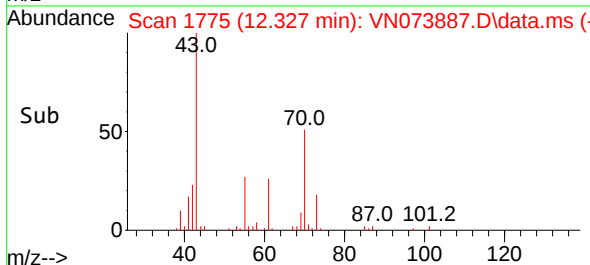
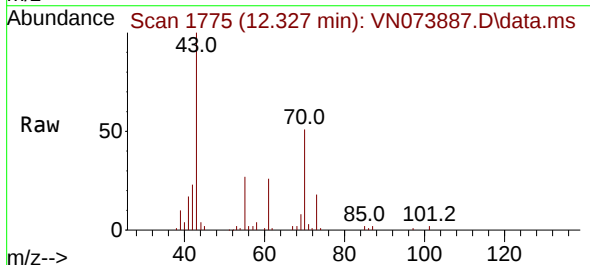
Manual Integrations
APPROVED

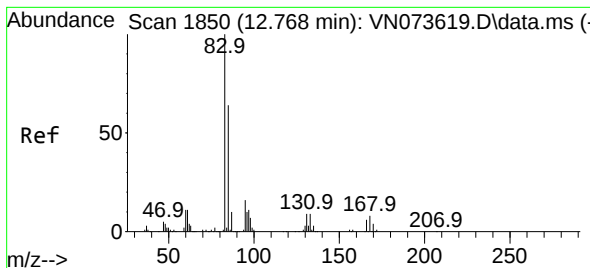
Reviewed By : John Carlone 08/16/2022
Supervised By : Mahesh Dadoda 08/16/2022



#74
N-ethyl acetate
Concen: 4.852 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Tgt Ion: 43 Resp: 50481
Ion Ratio Lower Upper
43 100
70 46.8 39.0 58.4
55 27.3 21.1 31.7
61 24.2 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 4.347 ug/l

RT: 12.768 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VN073887.D

Acq: 15 Aug 2022 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

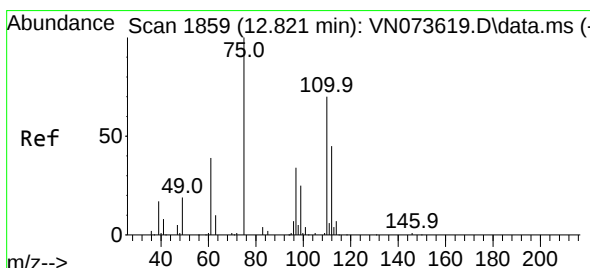
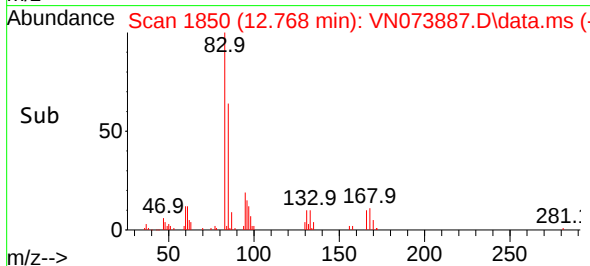
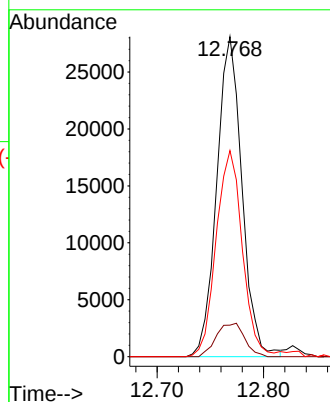
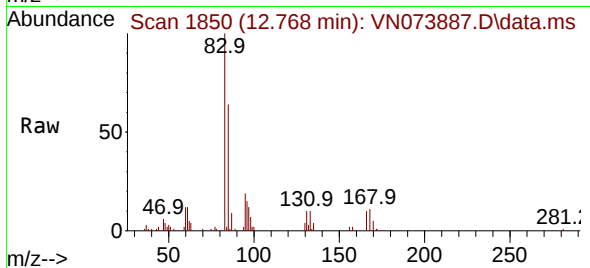
Tgt Ion:	83	Resp:	46184
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.3	15.9
85	66.7	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#76

1,2,3-Trichloropropane

Concen: 3.978 ug/l m

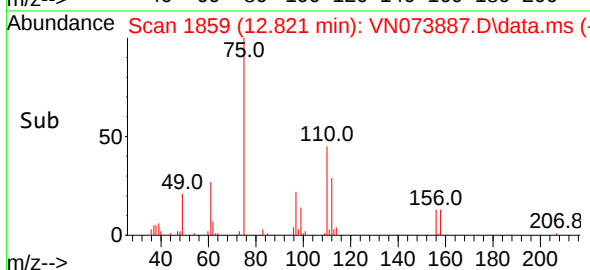
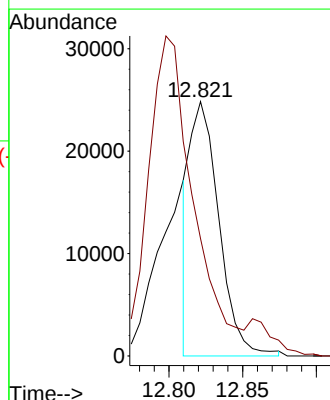
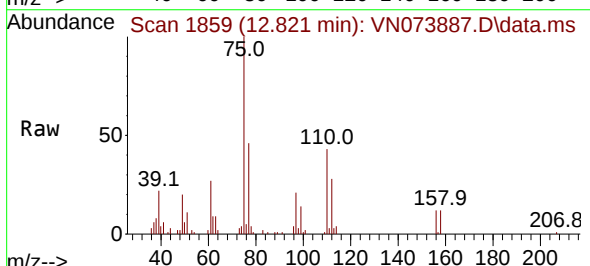
RT: 12.821 min Scan# 1859

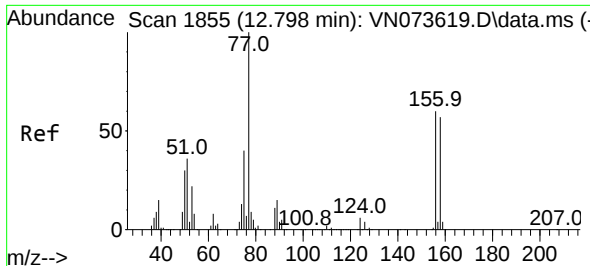
Delta R.T. 0.000 min

Lab File: VN073887.D

Acq: 15 Aug 2022 10:26

Tgt Ion:	75	Resp:	33976
Ion Ratio	Lower	Upper	
75	100		
77	0.0	98.5	295.5#





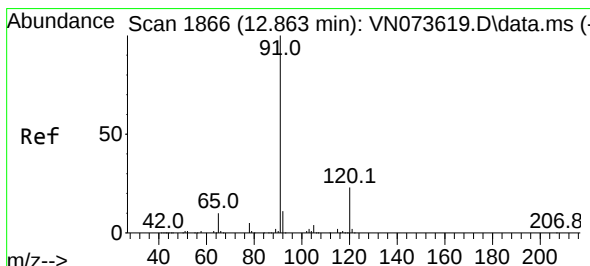
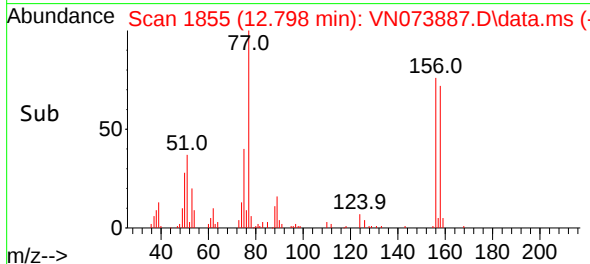
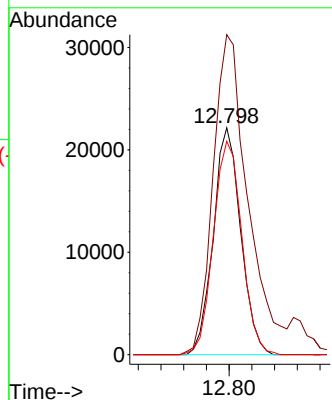
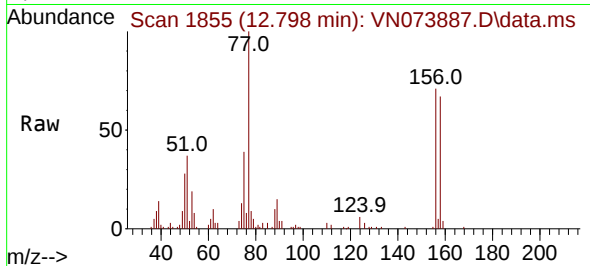
#77
Bromobenzene
Concen: 5.175 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 156 Resp: 3710
Ion Ratio Lower Upper
156 100
77 179.3 100.5 301.5
158 97.7 48.9 146.6

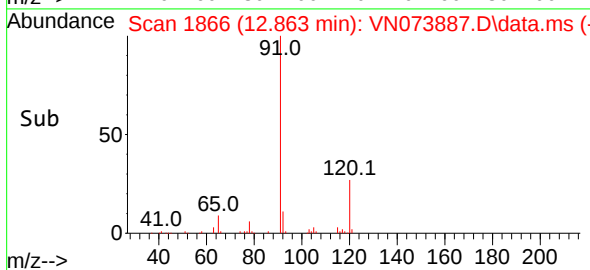
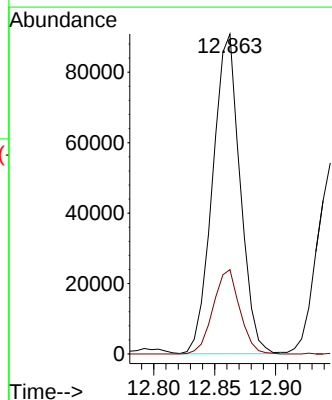
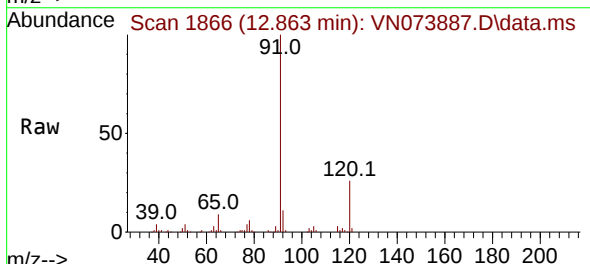
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#78
n-propylbenzene
Concen: 4.602 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Tgt Ion: 91 Resp: 142579
Ion Ratio Lower Upper
91 100
120 25.5 11.9 35.5





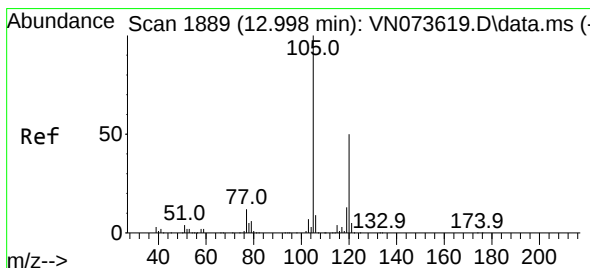
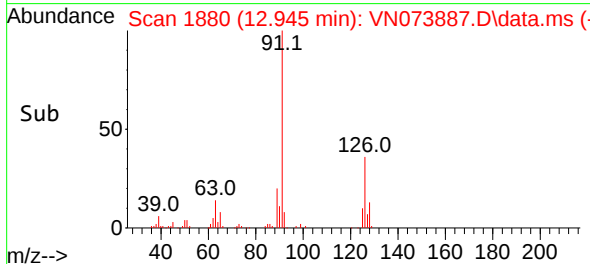
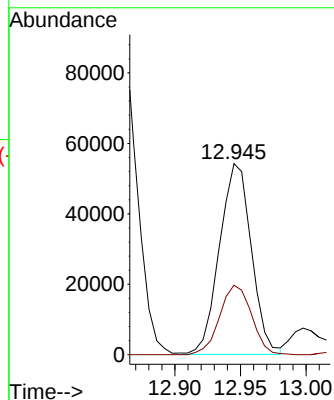
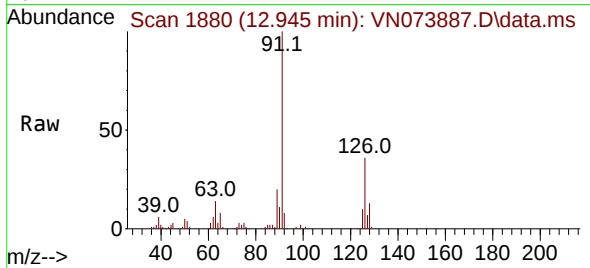
#79
2-Chlorotoluene
Concen: 4.745 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 91748
Ion Ratio Lower Upper
91 100
126 36.4 17.3 51.9

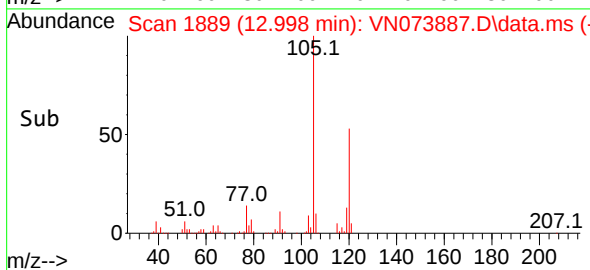
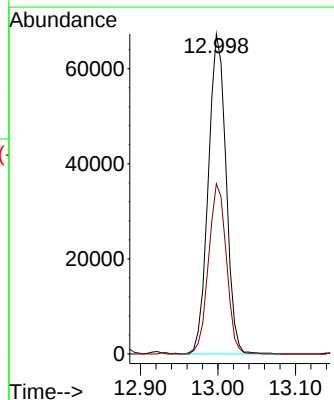
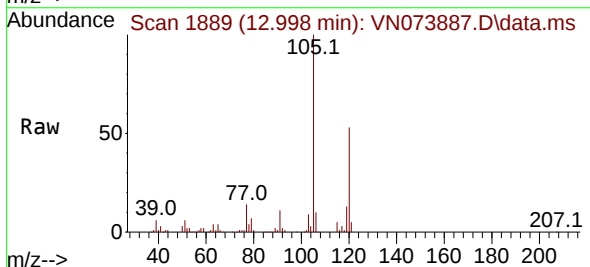
Manual Integrations
APPROVED

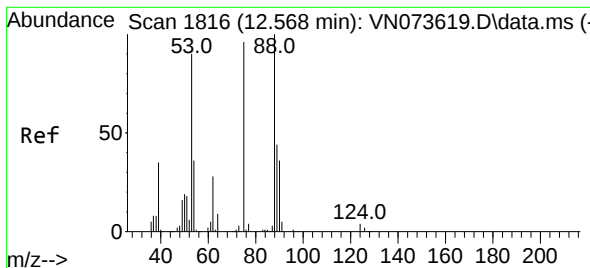
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.727 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Tgt Ion:105 Resp: 107113
Ion Ratio Lower Upper
105 100
120 53.3 24.9 74.7





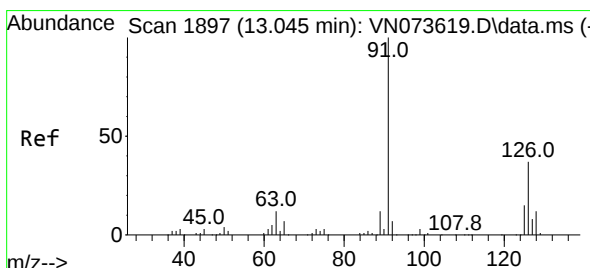
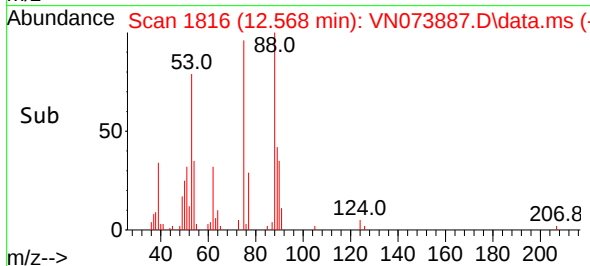
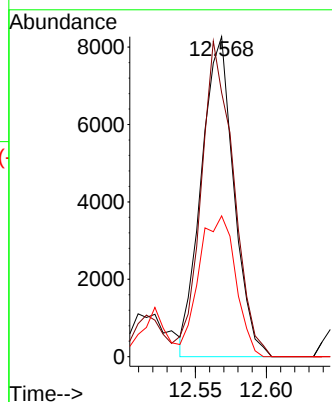
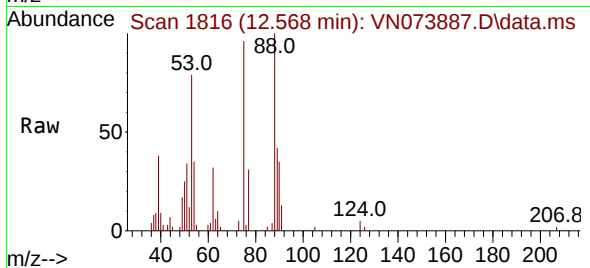
#81
trans-1,4-Dichloro-2-butene
Concen: 4.526 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 13138
Ion Ratio Lower Upper
75 100
53 98.4 78.0 117.0
89 49.5 37.2 55.8

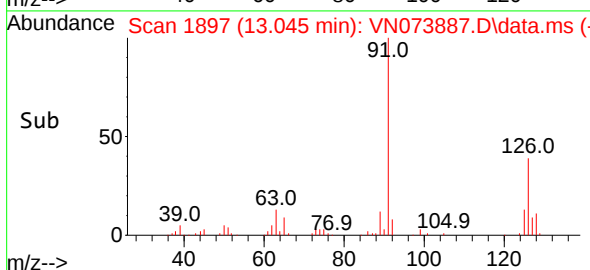
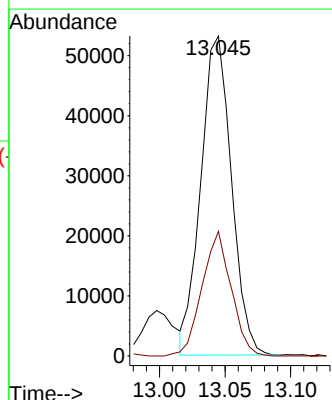
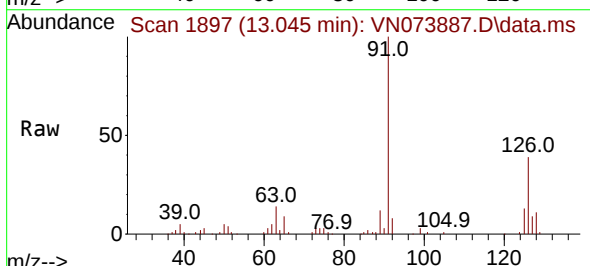
Manual Integrations
APPROVED

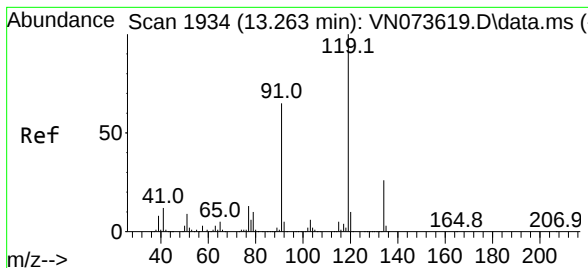
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#82
4-Chlorotoluene
Concen: 4.718 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

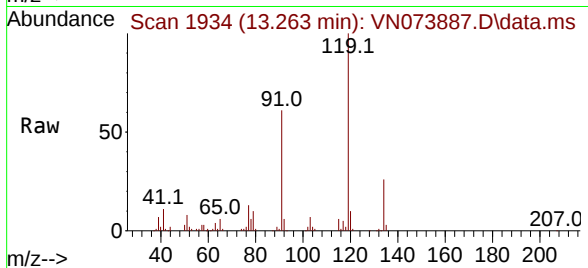
Tgt Ion: 91 Resp: 86469
Ion Ratio Lower Upper
91 100
126 37.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 5.102 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

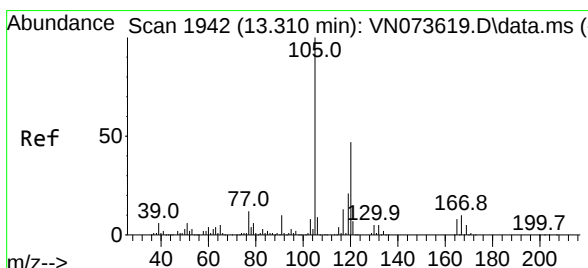
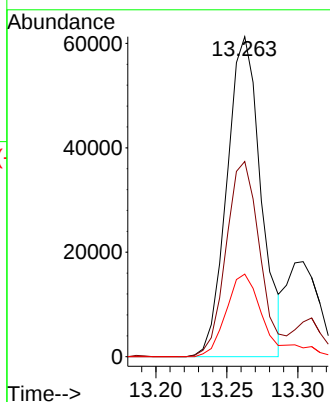
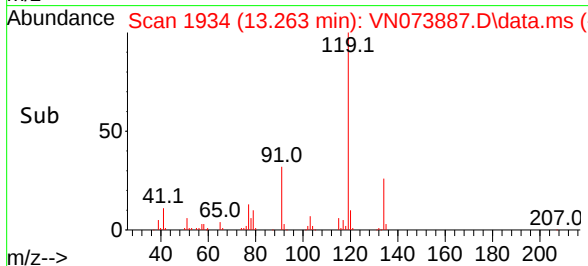
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



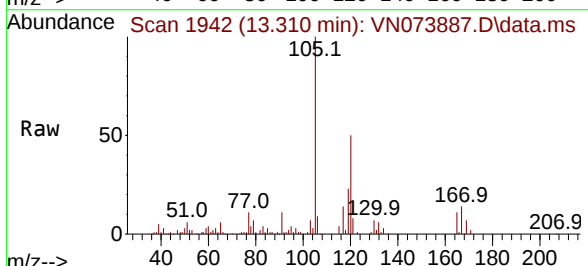
Tgt Ion:119 Resp: 102409
Ion Ratio Lower Upper
119 100
91 61.3 31.6 94.8
134 29.1 13.7 41.1

Manual Integrations
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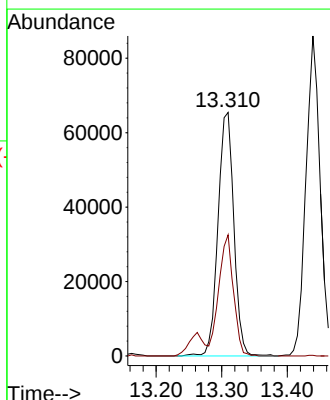
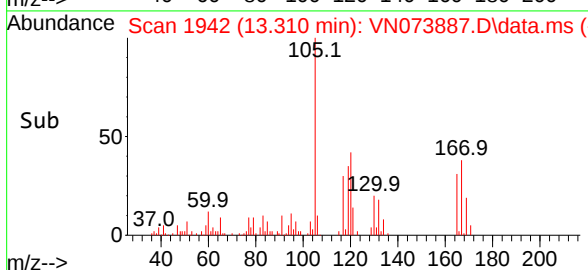
Reviewed By :John Carbone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#84
1,2,4-Trimethylbenzene
Concen: 4.910 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26



Tgt Ion:105 Resp: 109411
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8





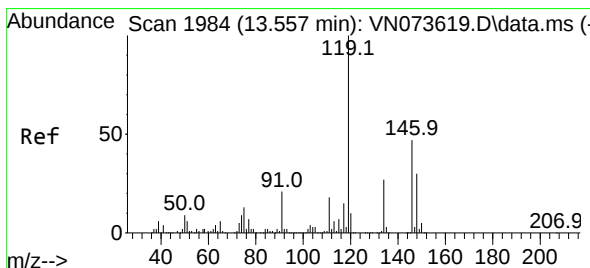
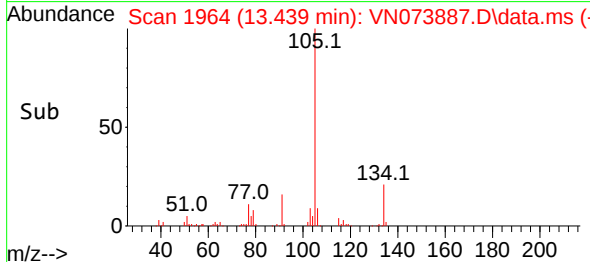
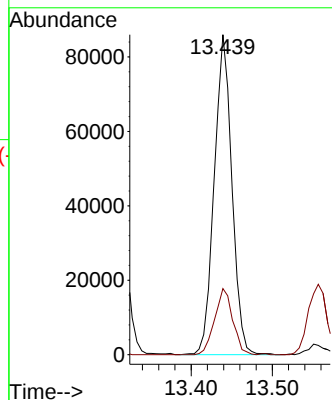
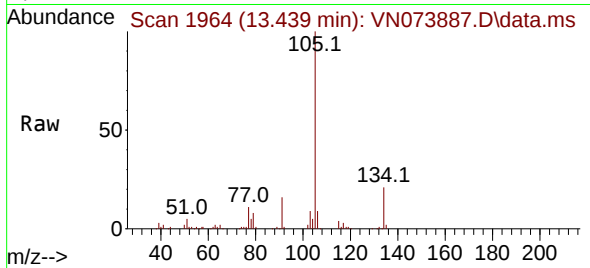
#85
 sec-Butylbenzene
 Concen: 4.684 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073887.D
 Acq: 15 Aug 2022 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 12994
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1

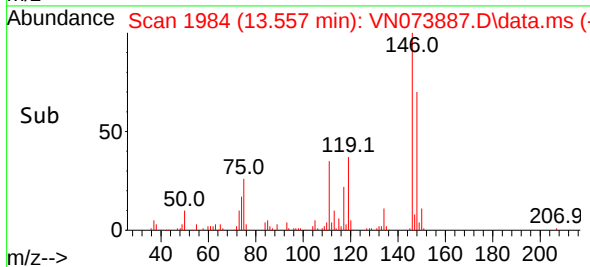
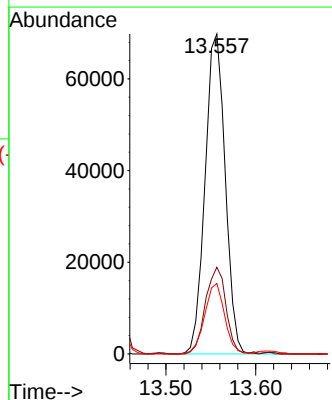
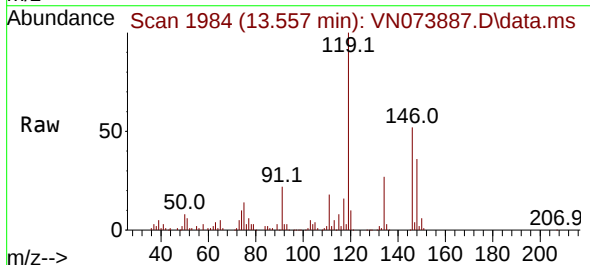
Manual Integrations
 APPROVED

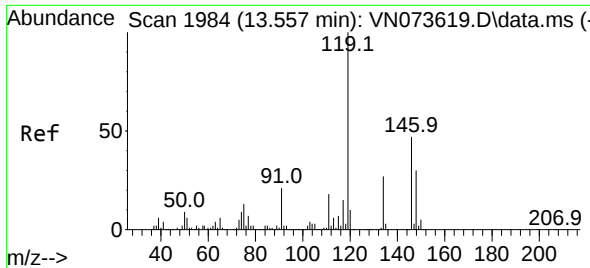
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#86
 p-Isopropyltoluene
 Concen: 4.985 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073887.D
 Acq: 15 Aug 2022 10:26

Tgt Ion:119 Resp: 109019
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.3 39.8
 91 22.0 11.3 33.9





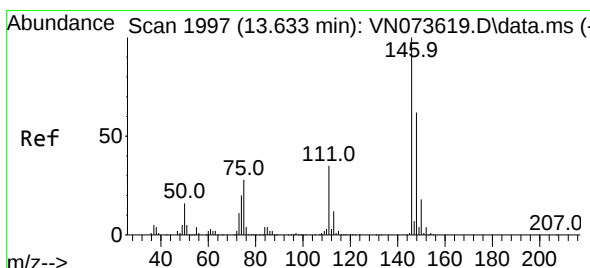
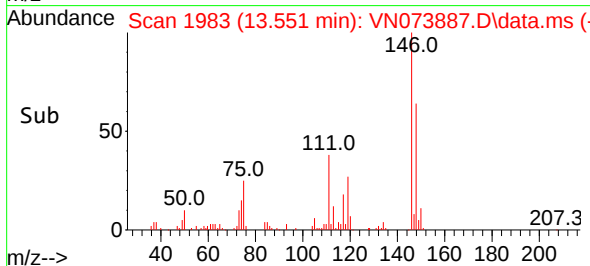
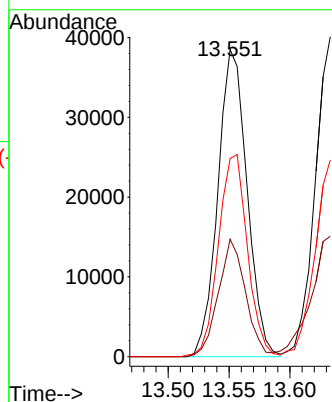
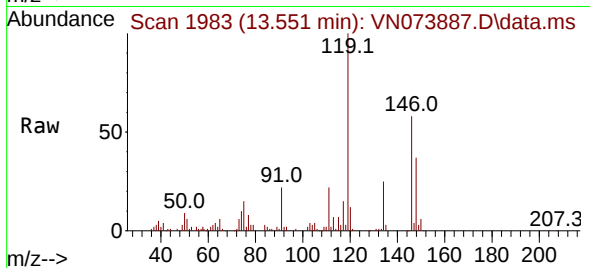
#87
1,3-Dichlorobenzene
Concen: 4.919 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 64379
Ion Ratio Lower Upper
146 100
111 35.6 20.0 60.0
148 65.2 32.0 96.0

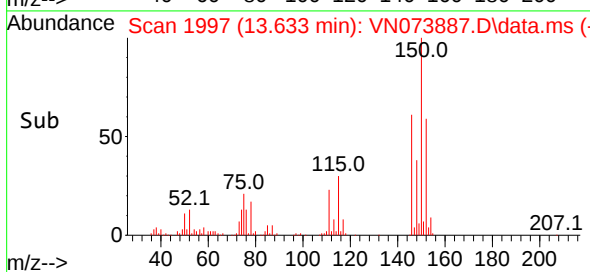
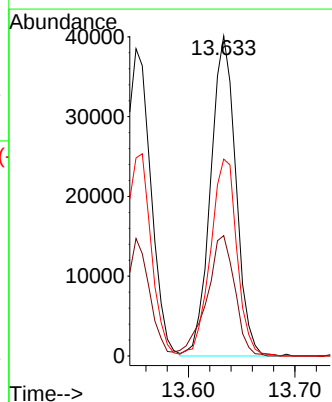
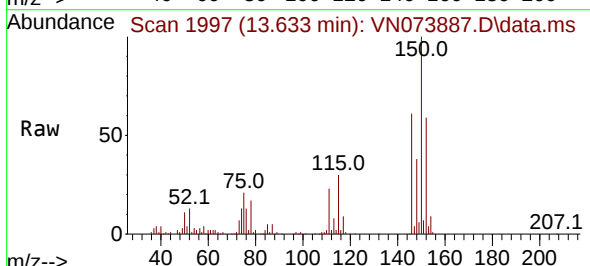
Manual Integrations
APPROVED

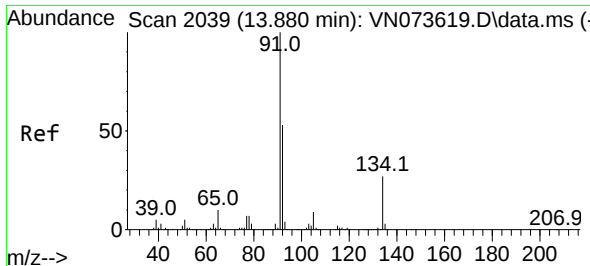
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#88
1,4-Dichlorobenzene
Concen: 5.041 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Tgt Ion:146 Resp: 66012
Ion Ratio Lower Upper
146 100
111 41.6 19.1 57.1
148 64.6 31.4 94.3





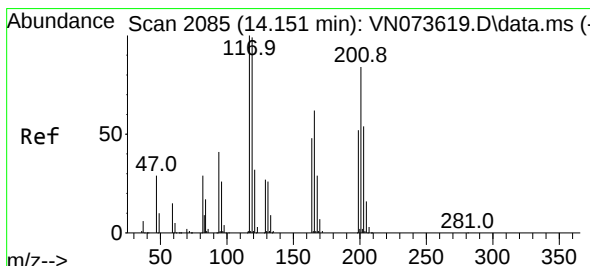
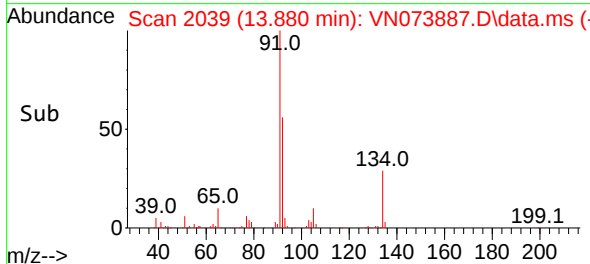
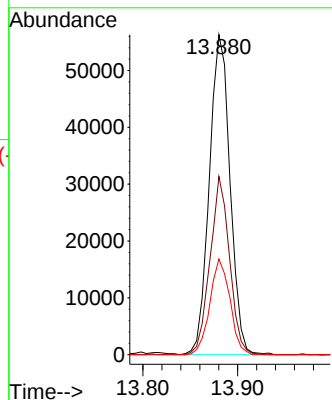
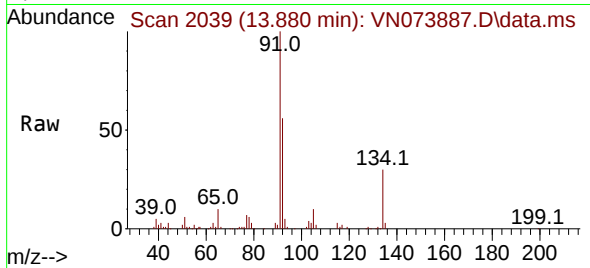
#89
n-Butylbenzene
Concen: 4.803 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 8546
Ion Ratio Lower Upper
91 100
92 52.4 26.9 80.7
134 28.9 13.6 40.8

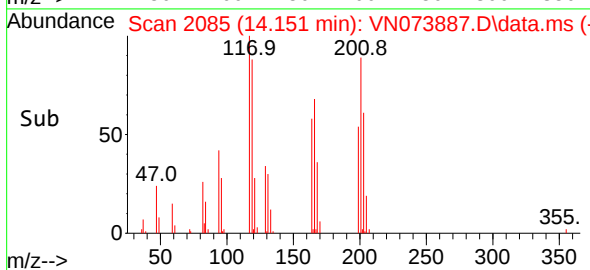
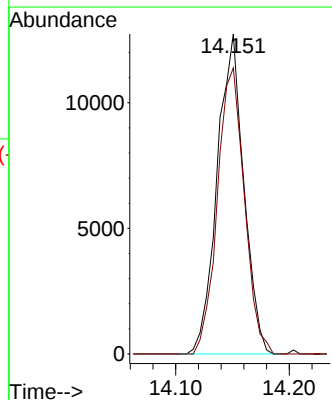
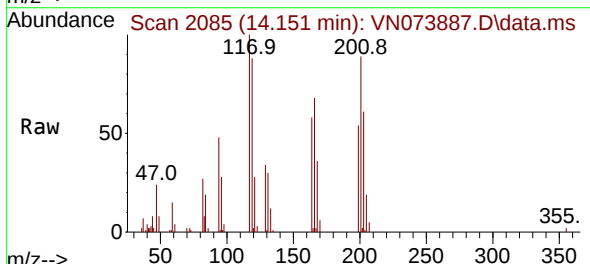
Manual Integrations
APPROVED

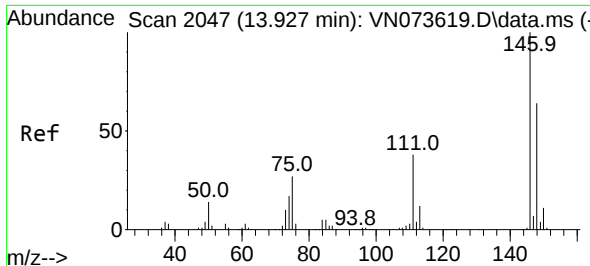
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#90
Hexachloroethane
Concen: 4.779 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

Tgt Ion:117 Resp: 20736
Ion Ratio Lower Upper
117 100
201 90.5 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 5.013 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VN073887.D

Acq: 15 Aug 2022 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 66490

Ion Ratio Lower Upper

146 100

111 39.6 20.9 62.8

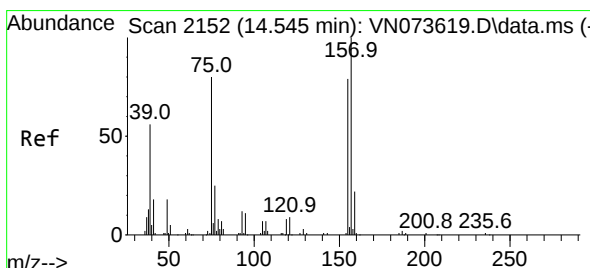
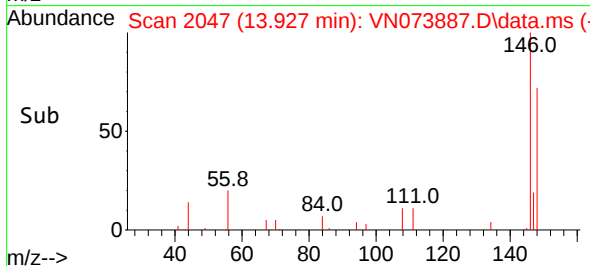
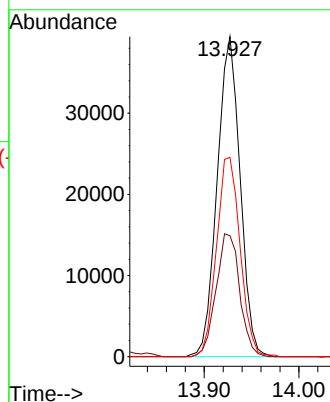
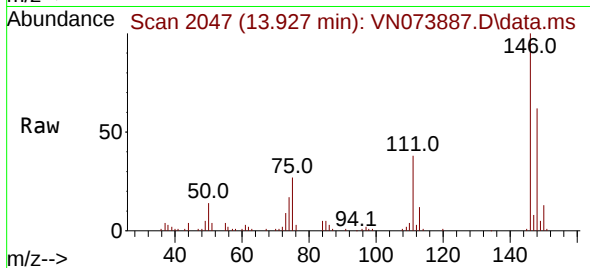
148 64.1 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.609 ug/l

RT: 14.539 min Scan# 2151

Delta R.T. -0.006 min

Lab File: VN073887.D

Acq: 15 Aug 2022 10:26

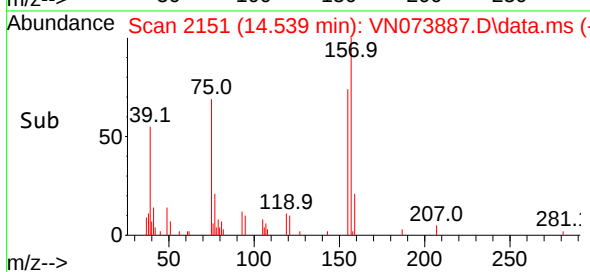
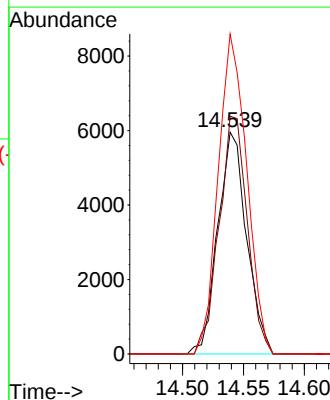
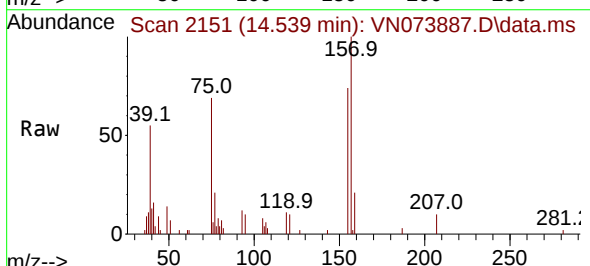
Tgt Ion: 75 Resp: 9840

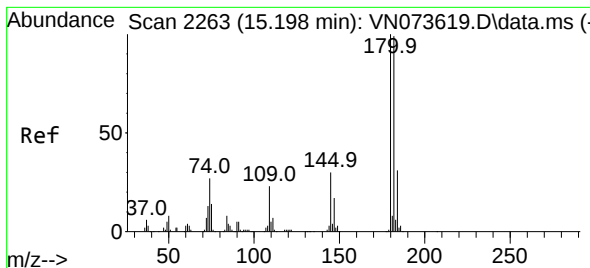
Ion Ratio Lower Upper

75 100

155 104.9 44.9 134.5

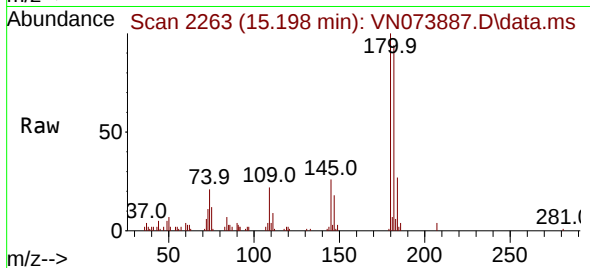
157 142.3 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 5.807 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

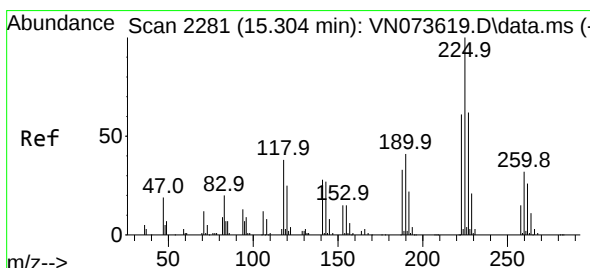
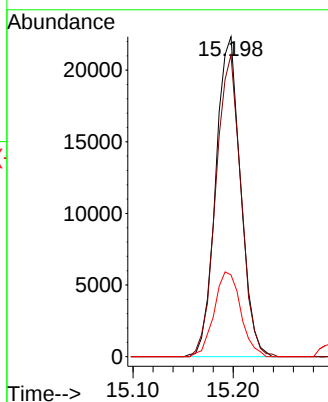
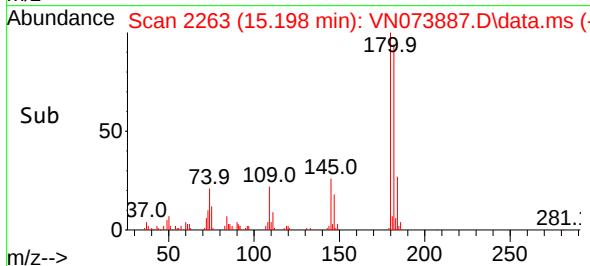
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



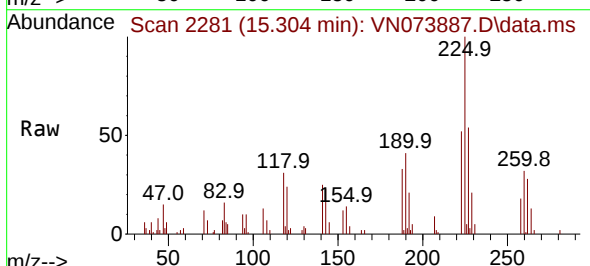
Tgt Ion:180 Resp: 3824
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.5
145 28.4 14.5 43.5

Manual Integrations
APPROVED

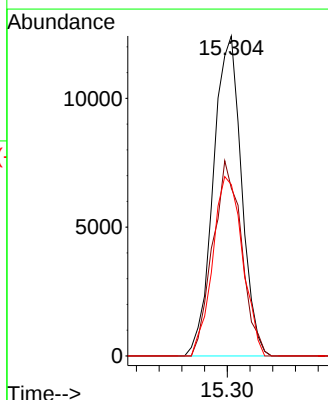
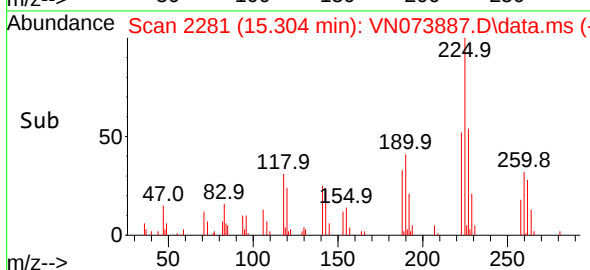
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

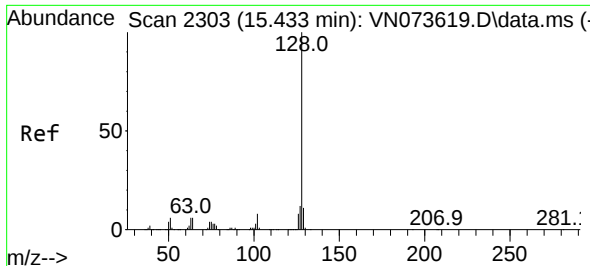


#94
Hexachlorobutadiene
Concen: 5.970 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26



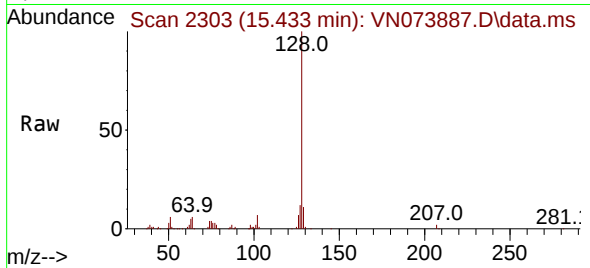
Tgt Ion:225 Resp: 21375
Ion Ratio Lower Upper
225 100
223 62.3 32.4 97.2
227 59.7 31.8 95.4





#95
Naphthalene
Concen: 5.673 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26

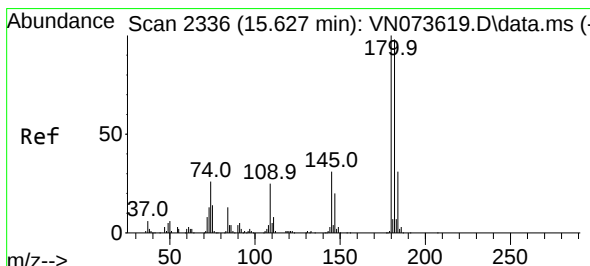
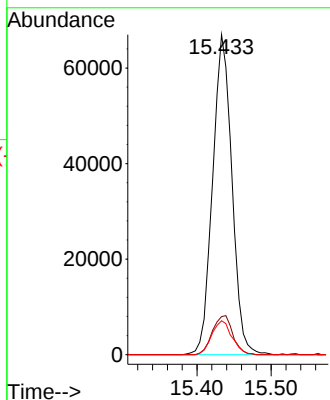
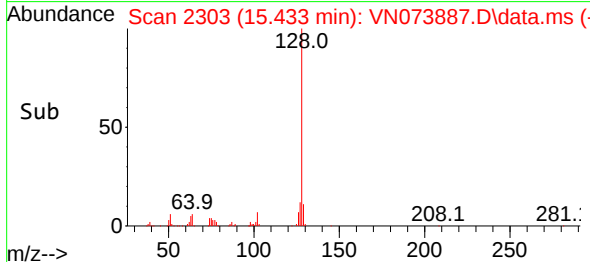
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



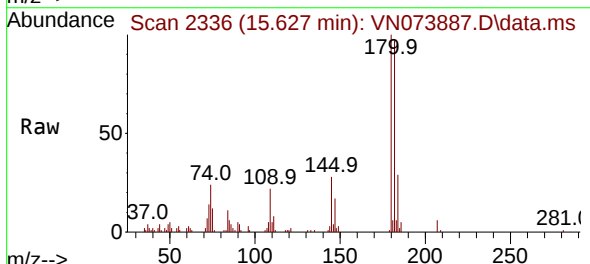
Tgt Ion:128 Resp: 121248
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 5.730 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073887.D
Acq: 15 Aug 2022 10:26



Tgt Ion:180 Resp: 39723
Ion Ratio Lower Upper
180 100
182 96.7 47.8 143.3
145 28.5 15.5 46.5

