

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073936.D
 Acq On : 16 Aug 2022 08:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Aug 16 08:56:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	521418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	791865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	723001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	374160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	305062	60.068	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.140%			
35) Dibromofluoromethane	7.951	113	264448	56.470	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.940%			
50) Toluene-d8	10.380	98	1017098	56.079	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.160%			
62) 4-Bromofluorobenzene	12.668	95	350930	58.301	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	234161	56.637	ug/l	97
3) Chloromethane	2.269	50	252584	54.938	ug/l	100
4) Vinyl Chloride	2.404	62	328060	55.583	ug/l	98
5) Bromomethane	2.793	94	174885	47.449	ug/l	97
6) Chloroethane	2.957	64	221441	53.108	ug/l	99
7) Trichlorofluoromethane	3.310	101	422926	55.547	ug/l	98
8) Diethyl Ether	3.763	74	158634	56.127	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.140	101	235162	53.169	ug/l	92
10) Methyl Iodide	4.345	142	317954	59.879	ug/l	98
11) Tert butyl alcohol	5.287	59	329466	290.023	ug/l	100
12) 1,1-Dichloroethene	4.116	96	229506	55.770	ug/l	91
13) Acrolein	3.981	56	253354	318.623	ug/l	98
14) Allyl chloride	4.763	41	324135	53.183	ug/l	98
15) Acrylonitrile	5.475	53	825831	297.763	ug/l	99
16) Acetone	4.216	43	713760	297.895	ug/l	99
17) Carbon Disulfide	4.457	76	535917	54.770	ug/l	99
18) Methyl Acetate	4.775	43	392478	66.374	ug/l	97
19) Methyl tert-butyl Ether	5.534	73	852457	57.516	ug/l	96
20) Methylene Chloride	5.016	84	271831	53.764	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	250964	55.354	ug/l	94
22) Diisopropyl ether	6.410	45	767905	59.425	ug/l	97
23) Vinyl Acetate	6.351	43	3322169	300.004	ug/l	97
24) 1,1-Dichloroethane	6.304	63	458174	56.962	ug/l	99
25) 2-Butanone	7.257	43	1135780	298.958	ug/l	98
26) 2,2-Dichloropropane	7.245	77	199790	26.438	ug/l	95
27) cis-1,2-Dichloroethene	7.245	96	310166	55.449	ug/l	90
28) Bromochloromethane	7.586	49	163536	55.125	ug/l	87
29) Tetrahydrofuran	7.610	42	732210	300.448	ug/l	97
30) Chloroform	7.745	83	504171	56.055	ug/l	100
31) Cyclohexane	8.022	56	382317	54.002	ug/l	93
32) 1,1,1-Trichloroethane	7.945	97	448987	56.292	ug/l	97
36) 1,1-Dichloropropene	8.151	75	351226	53.997	ug/l	98
37) Ethyl Acetate	7.334	43	428302	54.352	ug/l	98
38) Carbon Tetrachloride	8.133	117	391053	52.597	ug/l	94
39) Methylcyclohexane	9.392	83	428696	52.599	ug/l	95
40) Benzene	8.392	78	1101292	53.645	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	191526	53.782	ug/l	97
42) 1,2-Dichloroethane	8.463	62	383864	54.381	ug/l	98
43) Isopropyl Acetate	8.492	43	639940	57.005	ug/l	98
44) Trichloroethene	9.151	130	310563	52.376	ug/l	93
45) 1,2-Dichloropropane	9.428	63	272944	55.469	ug/l	98
46) Dibromomethane	9.516	93	203595	54.422	ug/l	93
47) Bromodichloromethane	9.698	83	389239	54.436	ug/l	98
48) Methyl methacrylate	9.498	41	284009	59.126	ug/l	91
49) 1,4-Dioxane	9.504	88	155583	1089.179	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	2203853	290.367	ug/l	100
52) Toluene	10.445	92	731318	51.950	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	381870	50.894	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	410079	49.951	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	304992	55.696	ug/l	98
56) Ethyl methacrylate	10.704	69	469474	60.110	ug/l	96
57) 1,3-Dichloropropane	10.986	76	499197	56.067	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	1063860	291.858	ug/l	98
59) 2-Hexanone	11.027	43	1712739	293.215	ug/l	100
60) Dibromochloromethane	11.180	129	340030	56.151	ug/l	98
61) 1,2-Dibromoethane	11.286	107	324142	55.343	ug/l	99
64) Tetrachloroethene	10.916	164	284076	49.781	ug/l	95
65) Chlorobenzene	11.710	112	808381	52.610	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	311748	53.578	ug/l	98
67) Ethyl Benzene	11.786	91	1397798	54.701	ug/l	99
68) m/p-Xylenes	11.892	106	1106802	106.601	ug/l	97
69) o-Xylene	12.221	106	558526	53.644	ug/l	96
70) Styrene	12.233	104	908741	55.749	ug/l	98
71) Bromoform	12.398	173	280258	53.949	ug/l	99
73) Isopropylbenzene	12.521	105	1430978	52.522	ug/l	99
74) N-amyl acetate	12.327	43	540401	52.467	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	475701	52.030	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	339006m	43.592	ug/l	
77) Bromobenzene	12.798	156	378361	51.306	ug/l	91
78) n-propylbenzene	12.863	91	1554759	53.535	ug/l	97
79) 2-Chlorotoluene	12.945	91	947138	52.333	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	1195306	53.938	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	120276	43.988	ug/l	97
82) 4-Chlorotoluene	13.045	91	917621	53.383	ug/l	96
83) tert-Butylbenzene	13.263	119	1087710	53.338	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	1186595	53.619	ug/l	100
85) sec-Butylbenzene	13.439	105	1457858	55.151	ug/l	98
86) p-Isopropyltoluene	13.557	119	1257803	55.854	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	668859	52.299	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	661420	51.032	ug/l	98
89) n-Butylbenzene	13.880	91	935005	52.419	ug/l	99
90) Hexachloroethane	14.151	117	215343	52.314	ug/l	88
91) 1,2-Dichlorobenzene	13.927	146	678923	51.408	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	110941	51.392	ug/l	86
93) 1,2,4-Trichlorobenzene	15.198	180	419871	52.236	ug/l	99
94) Hexachlorobutadiene	15.304	225	205054	48.395	ug/l	98
95) Naphthalene	15.433	128	1431934	54.644	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	434875	52.343	ug/l	99

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

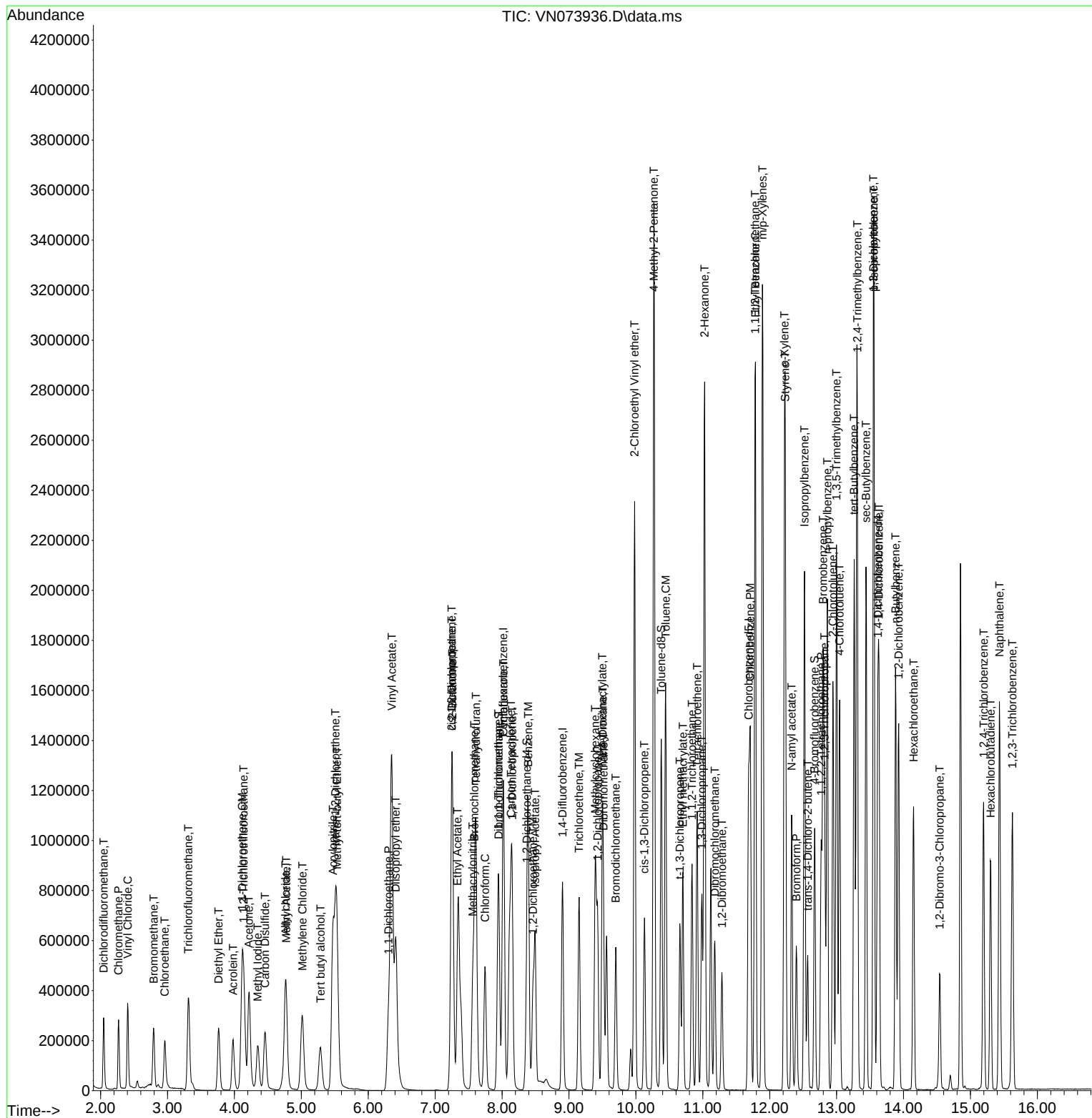
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
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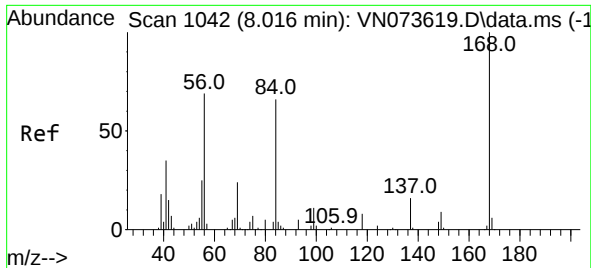
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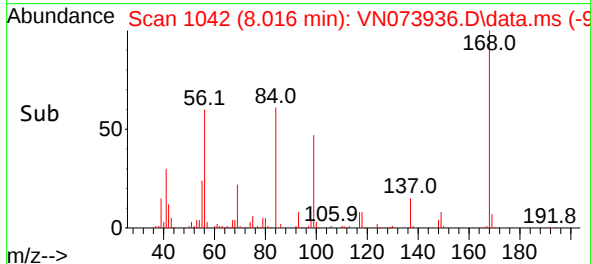
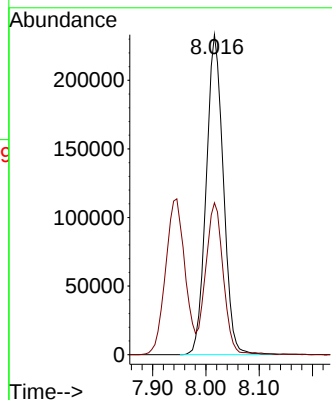
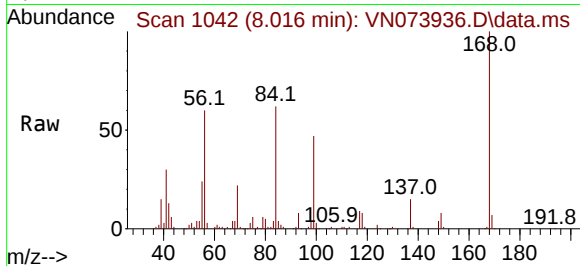
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073936.D
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 521418
Ion Ratio Lower Upper
168 100
99 47.3 42.3 63.5

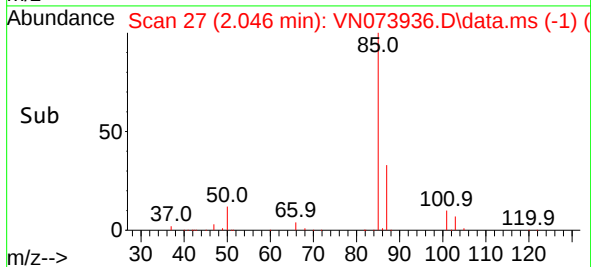
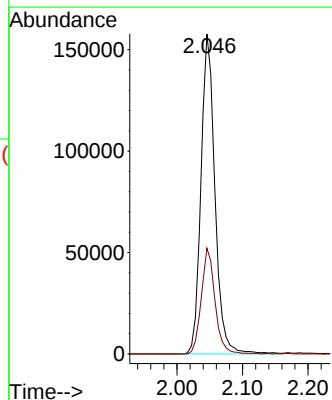
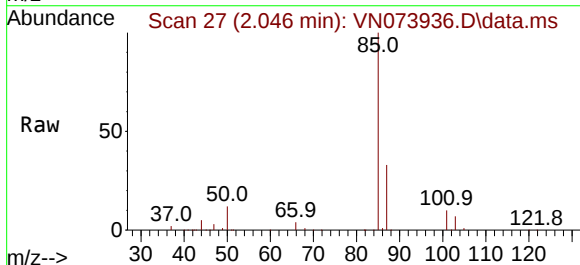
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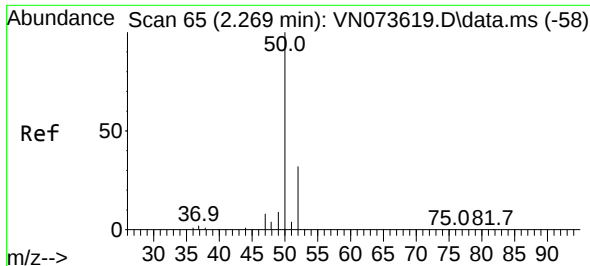
Reviewed By :John Carlone 08/16/2022
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#2
Dichlorodifluoromethane
Concen: 56.637 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

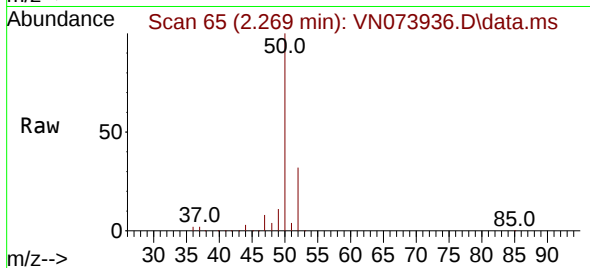
Tgt Ion: 85 Resp: 234161
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.1





#3
Chloromethane
Concen: 54.938 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

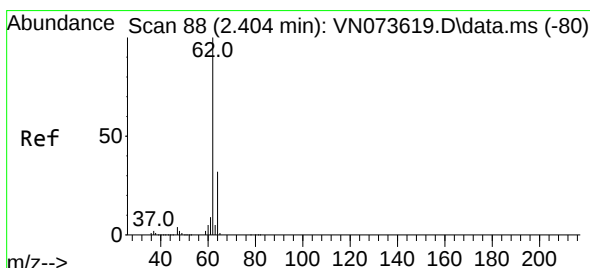
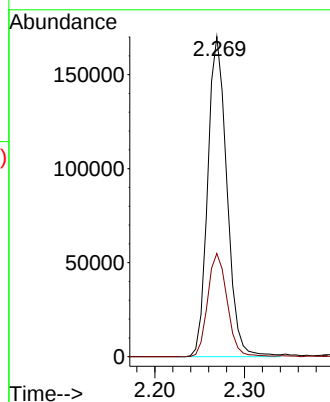
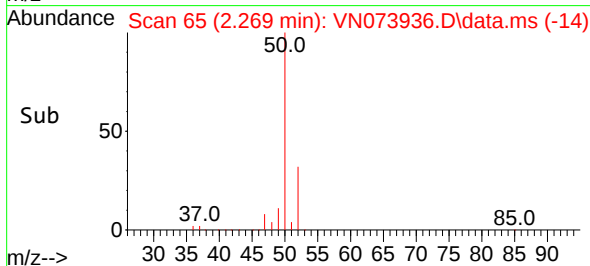
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 252584
Ion Ratio Lower Upper
50 100
52 32.2 25.7 38.5

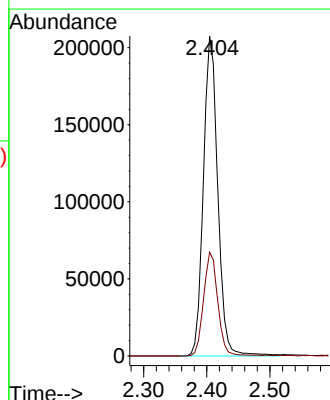
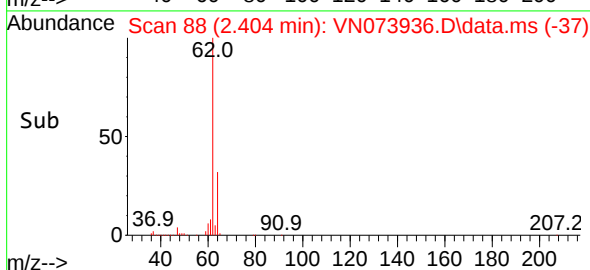
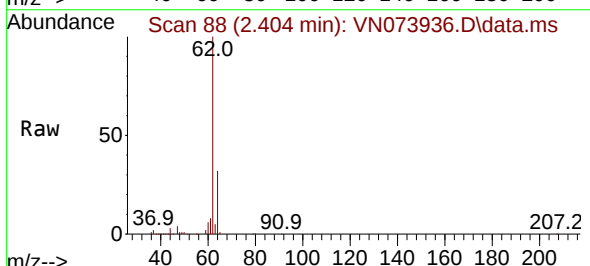
Manual Integrations
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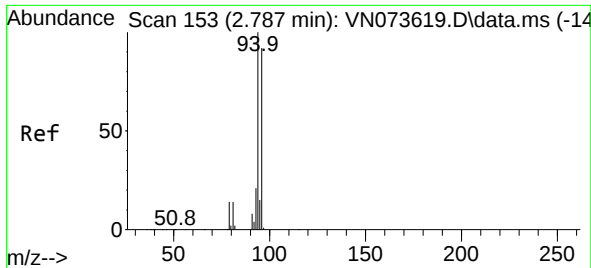
Reviewed By :John Carlone 08/16/2022
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#4
Vinyl Chloride
Concen: 55.583 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

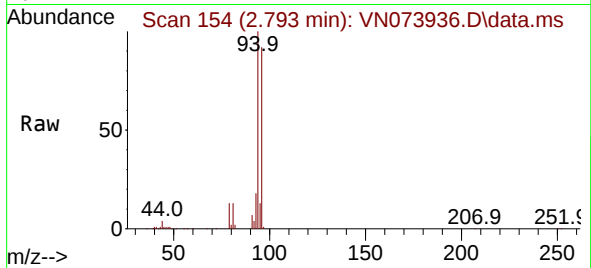
Tgt Ion: 62 Resp: 328060
Ion Ratio Lower Upper
62 100
64 32.4 25.0 37.4





#5
Bromomethane
Concen: 47.449 ug/l
RT: 2.793 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

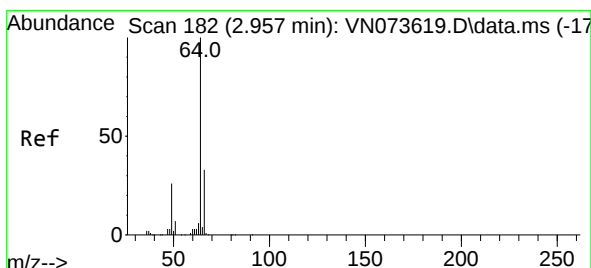
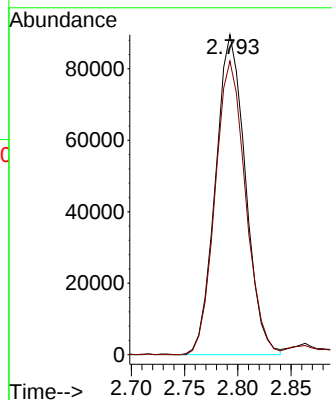
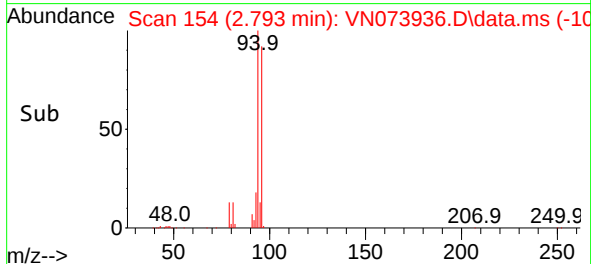
Instrument :
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Tgt Ion: 94 Resp: 17488
Ion Ratio Lower Upper
94 100
96 91.7 76.0 114.0

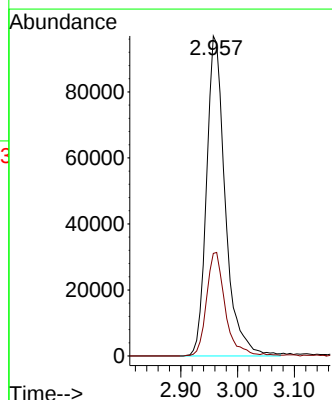
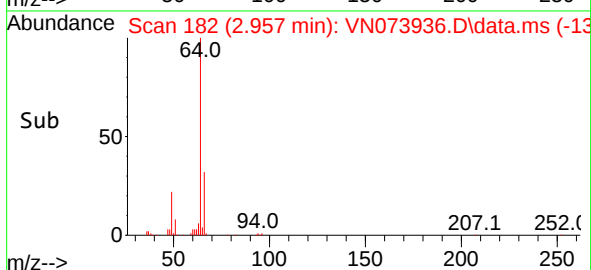
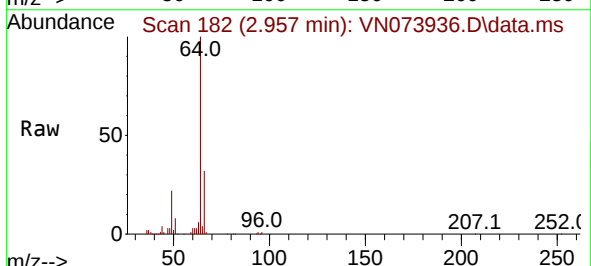
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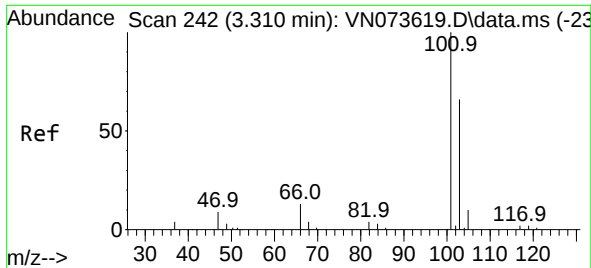
Reviewed By :John Carlone 08/16/2022
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#6
Chloroethane
Concen: 53.108 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

Tgt Ion: 64 Resp: 221441
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.4





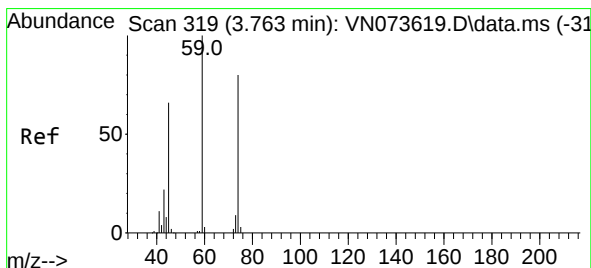
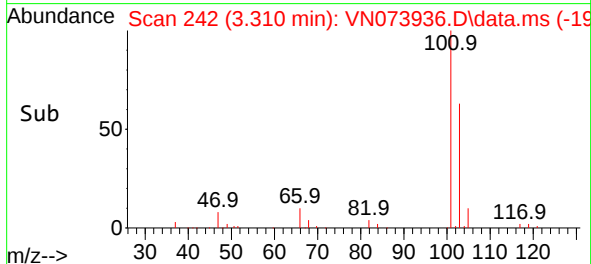
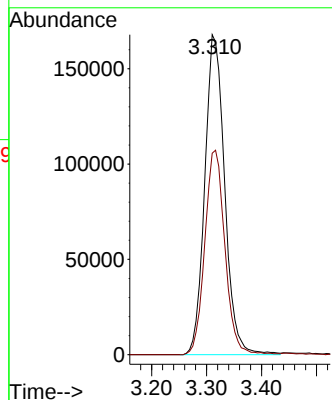
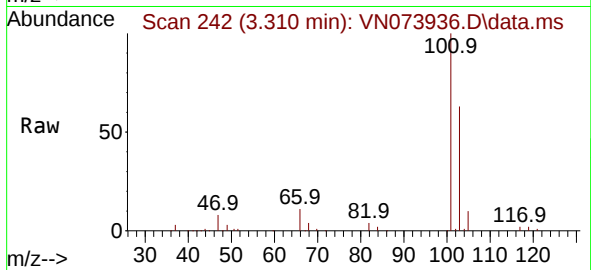
#7
Trichlorofluoromethane
Concen: 55.547 ug/l
RT: 3.310 min Scan# 242
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 422920
Ion Ratio Lower Upper
101 100
103 62.9 51.5 77.3

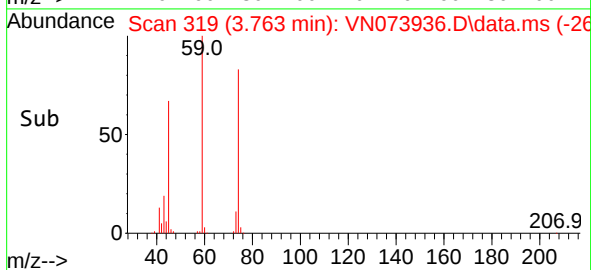
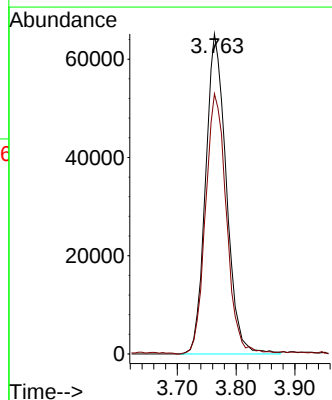
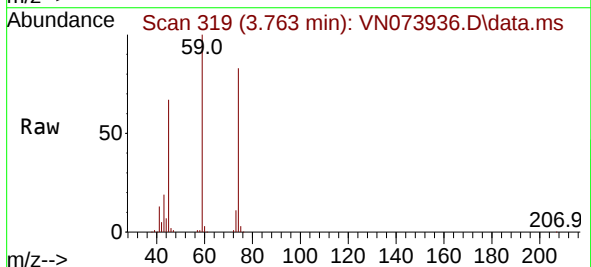
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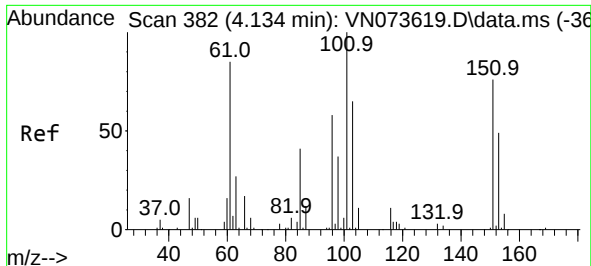
Reviewed By :John Carlone 08/16/2022
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#8
Diethyl Ether
Concen: 56.127 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

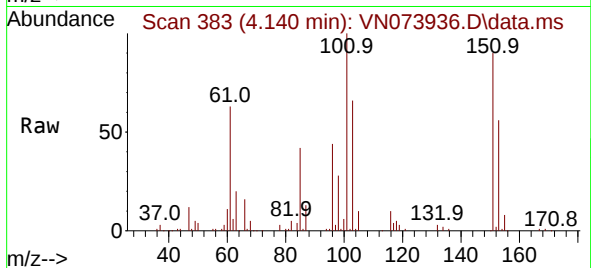
Tgt Ion: 74 Resp: 158634
Ion Ratio Lower Upper
74 100
45 82.6 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.169 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

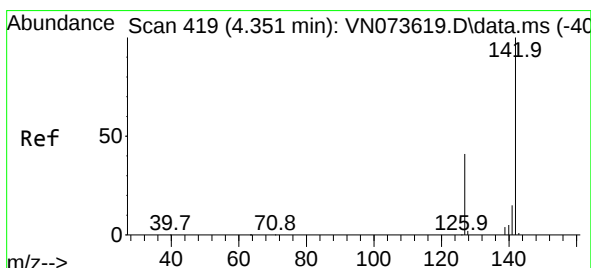
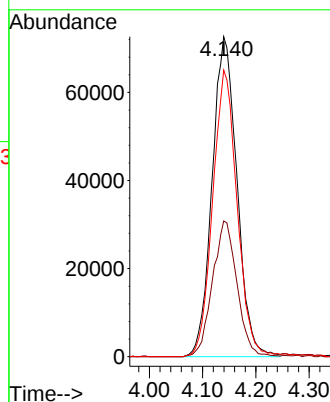
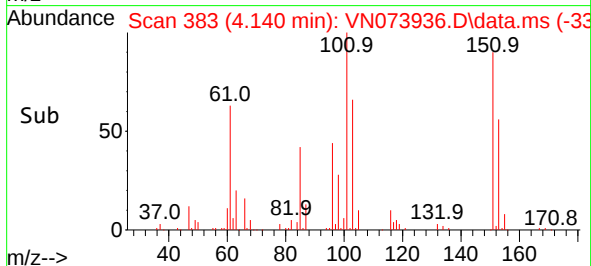
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



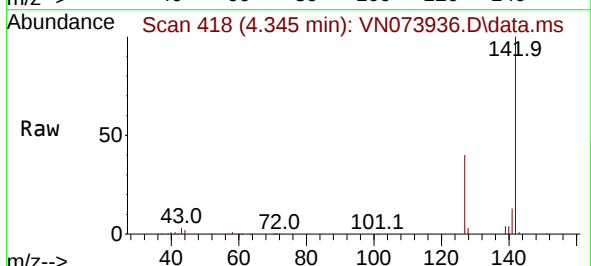
Tgt Ion:101 Resp: 235162
Ion Ratio Lower Upper
101 100
85 41.8 34.7 52.1
151 88.5 63.0 94.4

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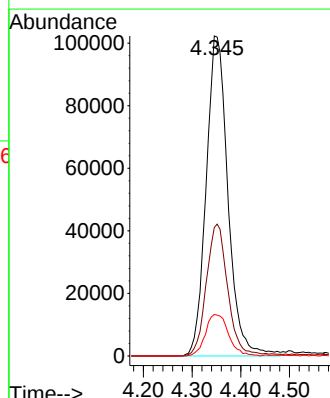
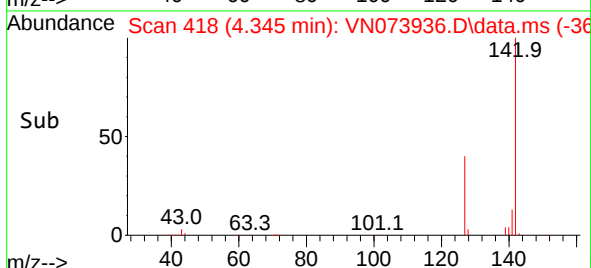
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

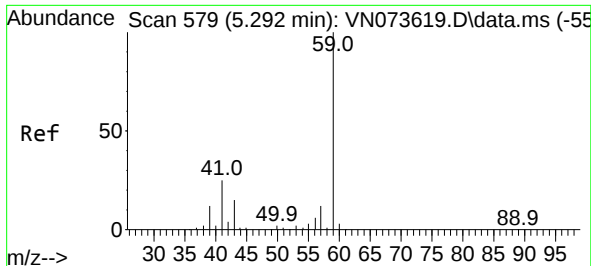


#10
Methyl Iodide
Concen: 59.879 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37



Tgt Ion:142 Resp: 317954
Ion Ratio Lower Upper
142 100
127 40.7 31.3 46.9
141 13.7 11.2 16.8





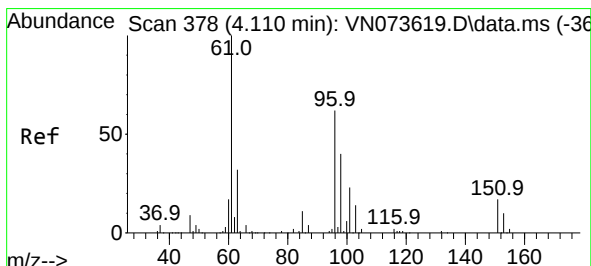
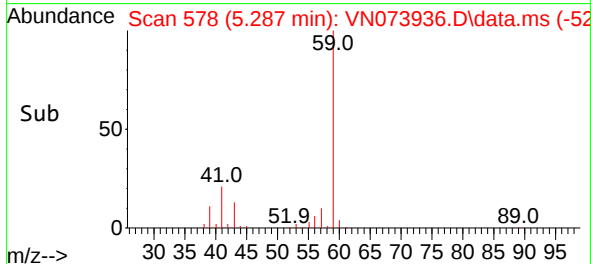
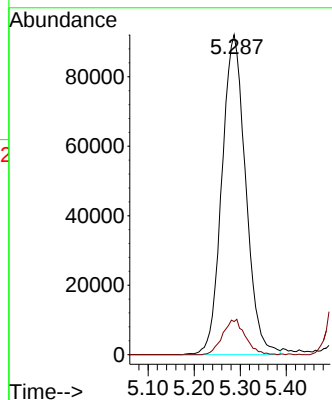
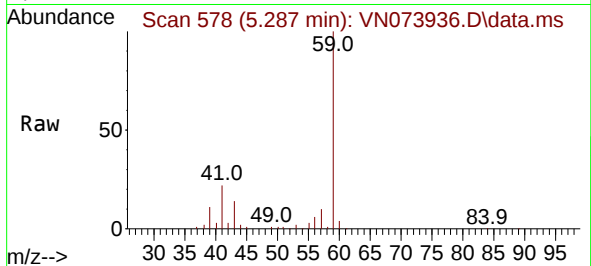
#11
Tert butyl alcohol
Concen: 290.023 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.005 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 329460
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

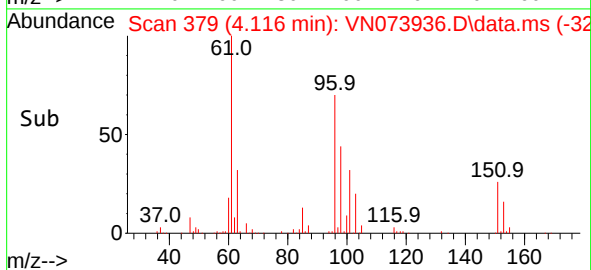
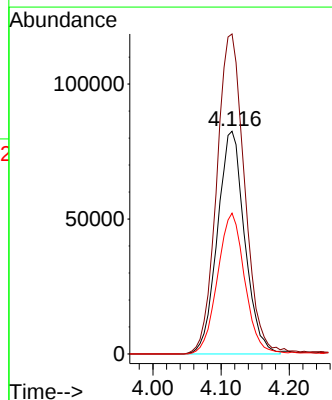
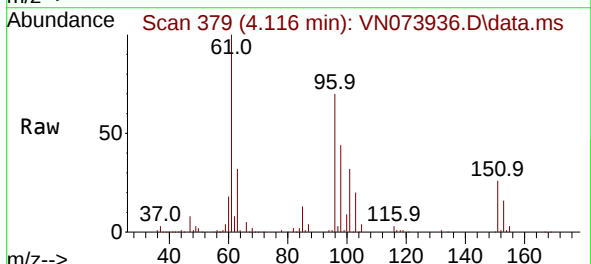
Manual Integrations
APPROVED

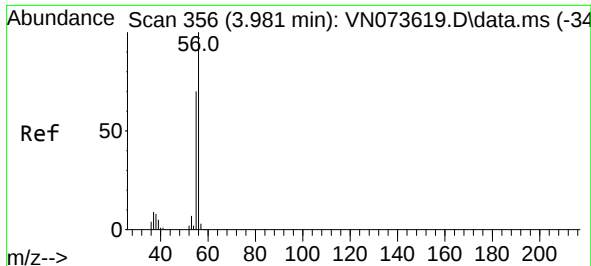
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#12
1,1-Dichloroethene
Concen: 55.770 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

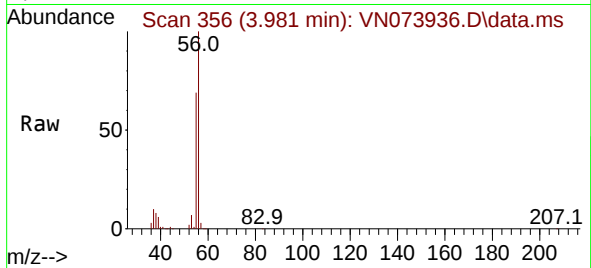
Tgt Ion: 96 Resp: 229506
Ion Ratio Lower Upper
96 100
61 143.7 127.6 191.4
98 63.2 51.2 76.8





#13
Acrolein
Concen: 318.623 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

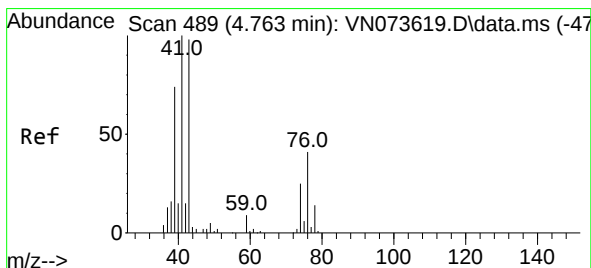
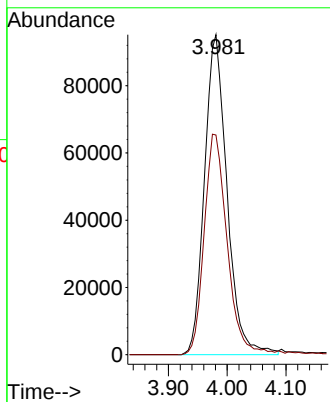
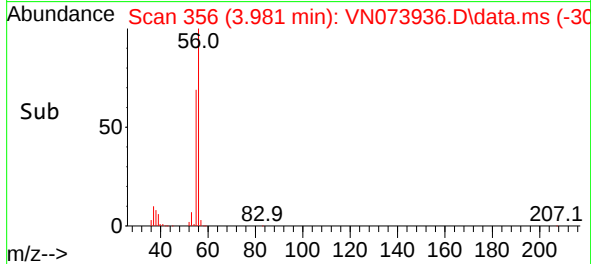
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 253354
Ion Ratio Lower Upper
56 100
55 70.3 54.8 82.2

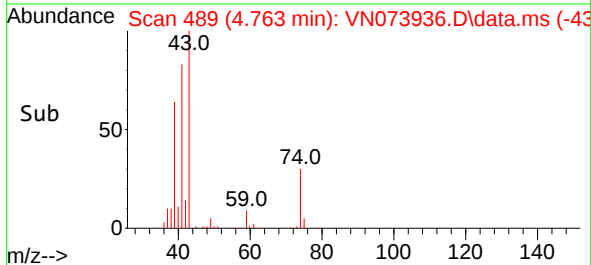
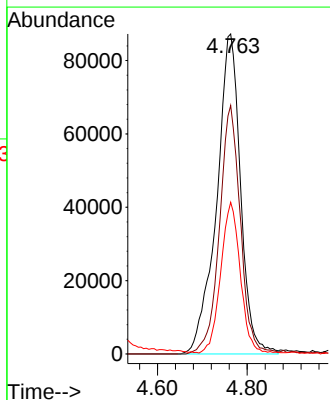
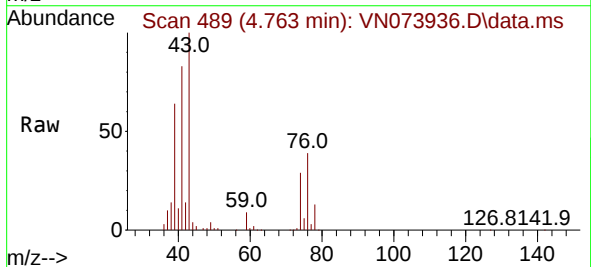
Manual Integrations
APPROVED

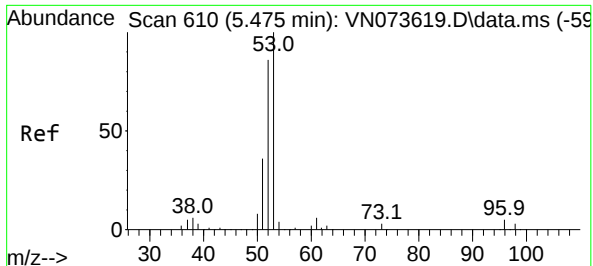
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#14
Allyl chloride
Concen: 53.183 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

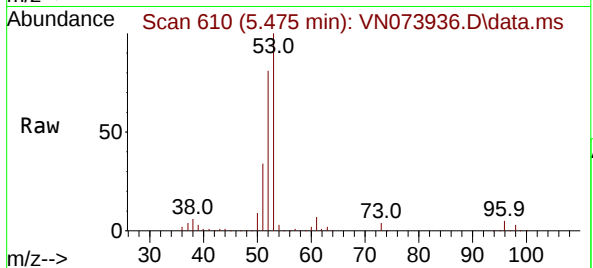
Tgt Ion: 41 Resp: 324135
Ion Ratio Lower Upper
41 100
39 67.7 53.2 79.8
76 38.4 29.9 44.9





#15
Acrylonitrile
Concen: 297.763 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

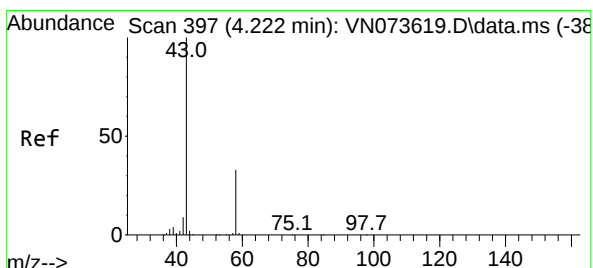
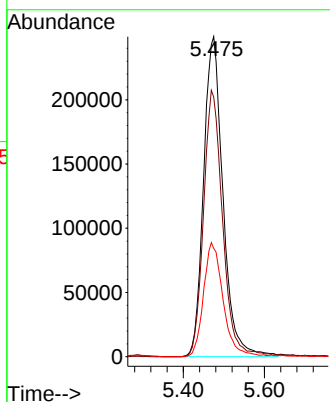
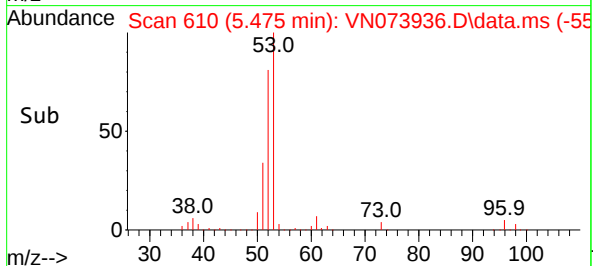
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



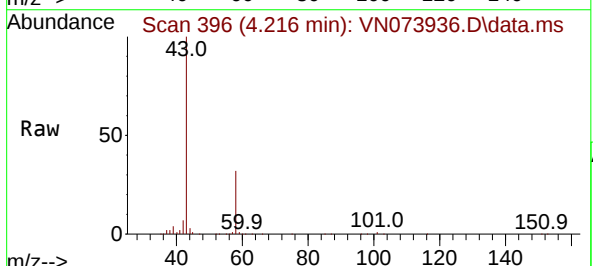
Tgt Ion: 53 Resp: 82583
Ion Ratio Lower Upper
53 100
52 82.0 66.4 99.6
51 36.0 28.5 42.7

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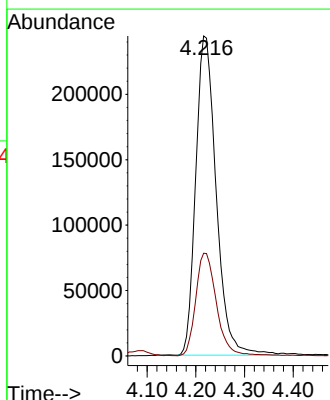
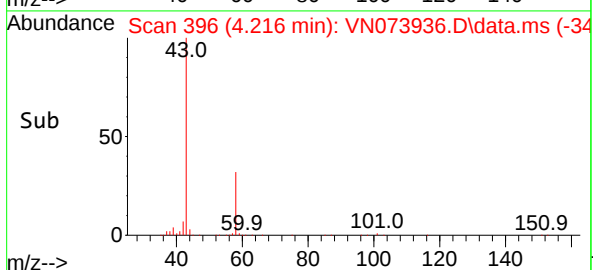
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

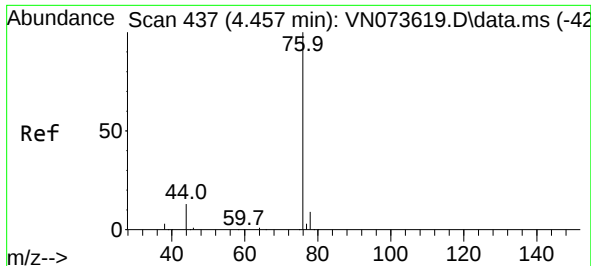


#16
Acetone
Concen: 297.895 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37



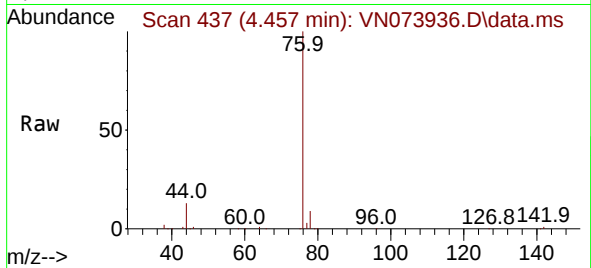
Tgt Ion: 43 Resp: 713760
Ion Ratio Lower Upper
43 100
58 32.1 26.0 39.0





#17
Carbon Disulfide
Concen: 54.770 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

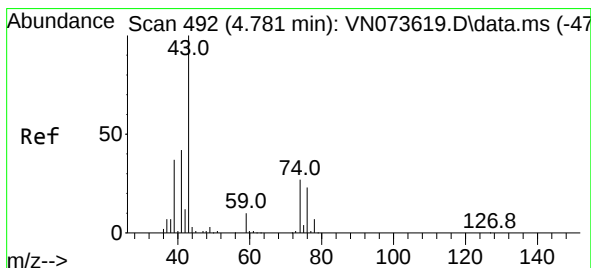
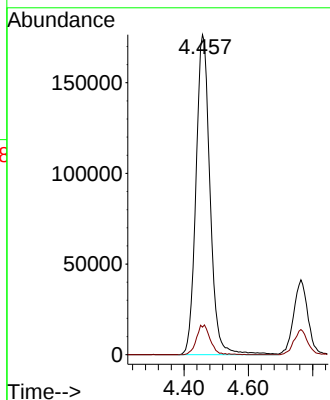
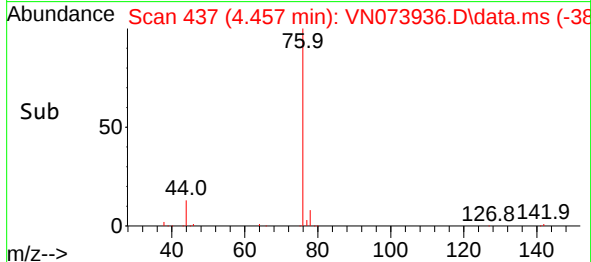
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 53591
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

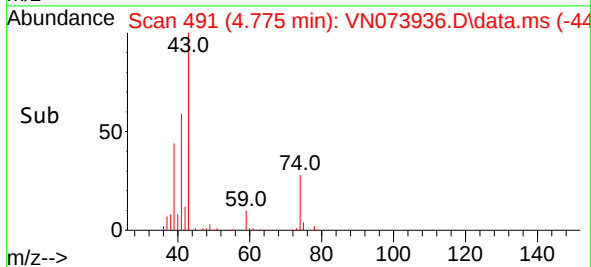
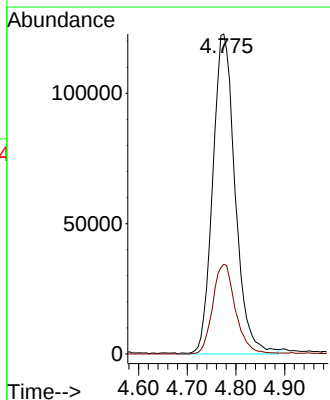
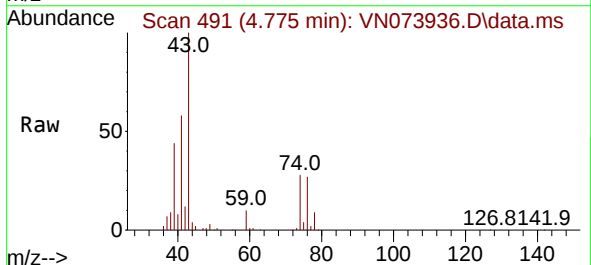
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 66.374 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

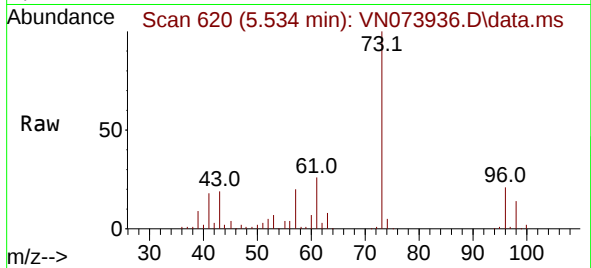
Tgt Ion: 43 Resp: 392478
Ion Ratio Lower Upper
43 100
74 28.4 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 57.516 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

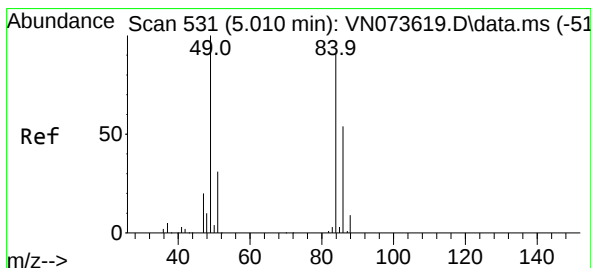
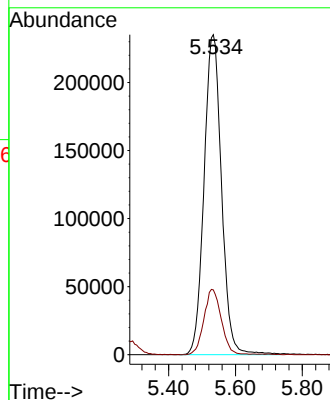
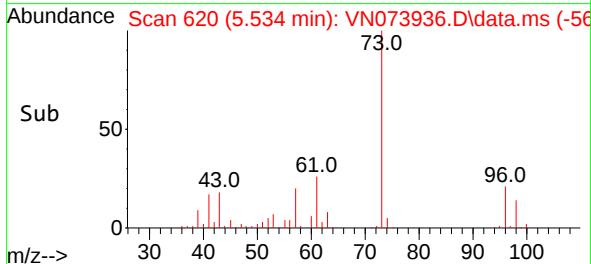
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 85245
Ion Ratio Lower Upper
73 100
57 20.2 17.6 26.4

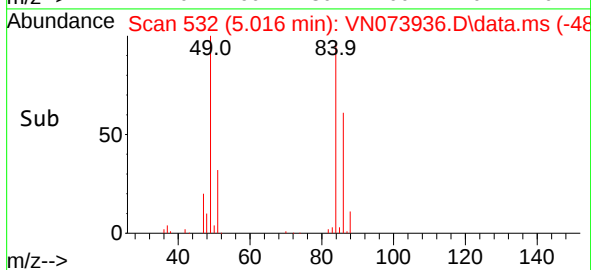
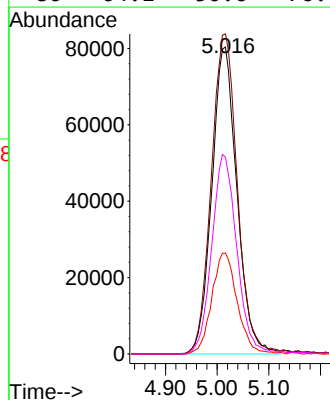
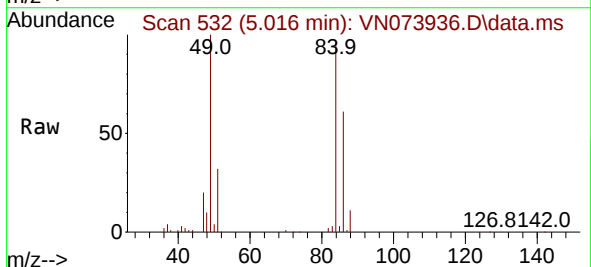
Manual Integrations
APPROVED

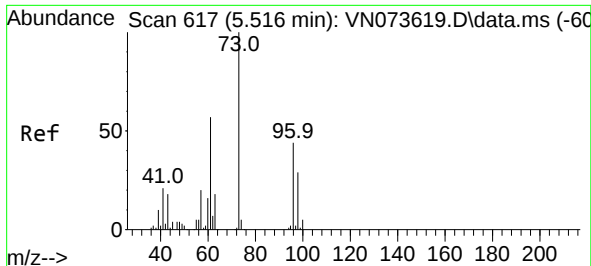
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#20
Methylene Chloride
Concen: 53.764 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

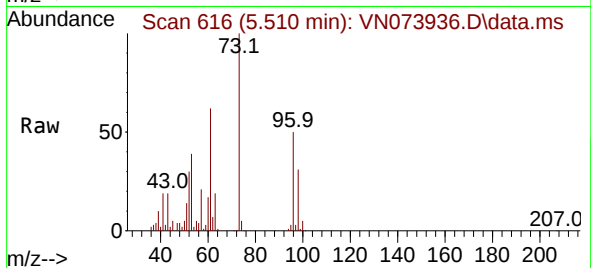
Tgt Ion: 84 Resp: 271831
Ion Ratio Lower Upper
84 100
49 104.2 88.3 132.5
51 32.9 28.2 42.2
86 64.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 55.354 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

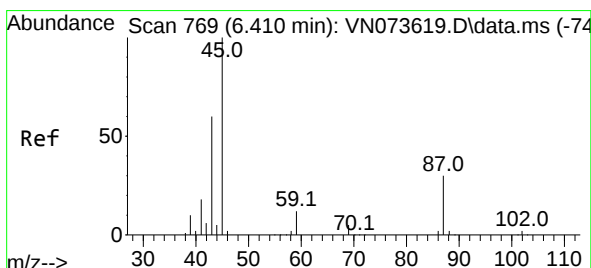
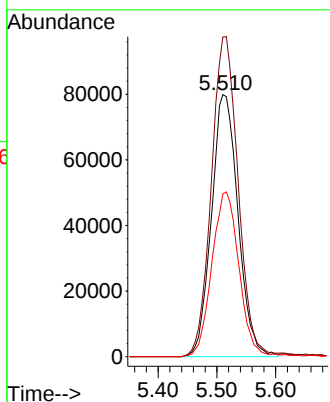
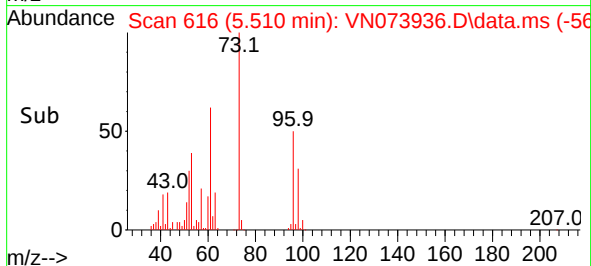
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 250964
Ion Ratio Lower Upper
96 100
61 122.0 105.8 158.8
98 62.1 50.3 75.5

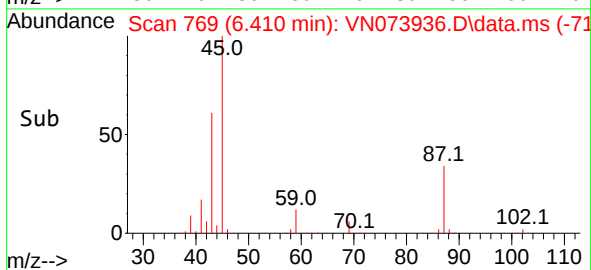
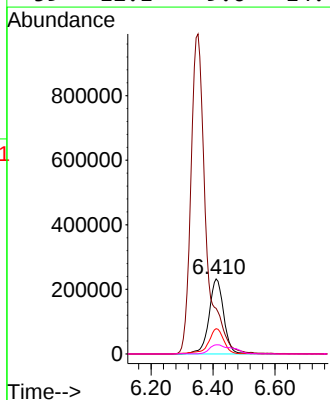
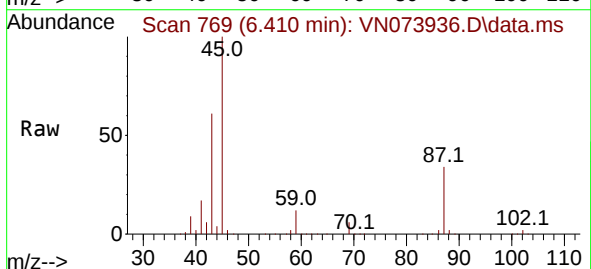
Manual Integrations
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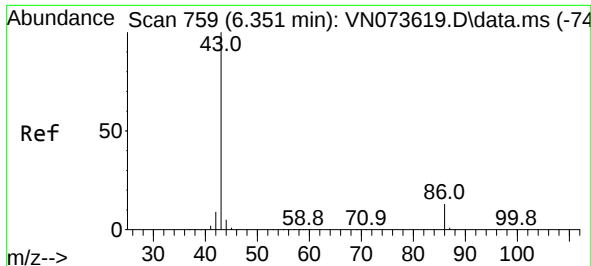
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#22
Diisopropyl ether
Concen: 59.425 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

Tgt Ion: 45 Resp: 767905
Ion Ratio Lower Upper
45 100
43 60.3 46.6 70.0
87 33.7 24.3 36.5
59 12.1 9.6 14.4





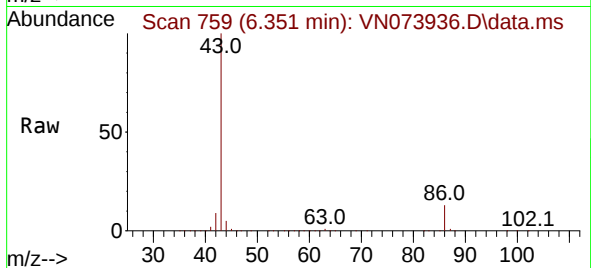
#23
 Vinyl Acetate
 Concen: 300.004 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073936.D
 Acq: 16 Aug 2022 08:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

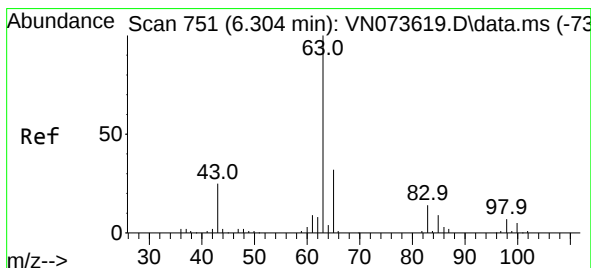
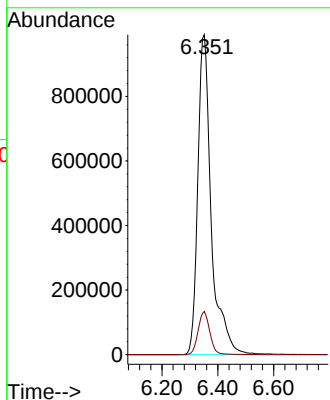
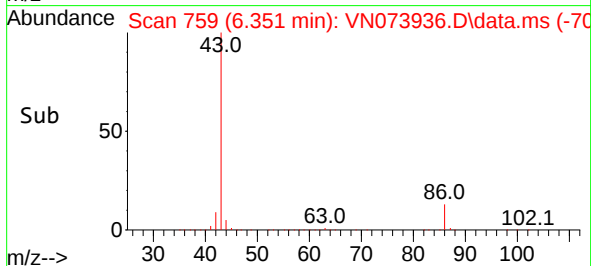


Tgt Ion: 43 Resp: 3322169
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.0 15.0

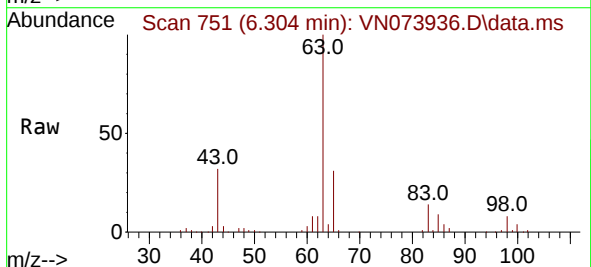
Manual Integrations

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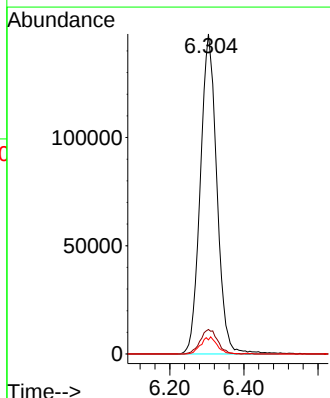
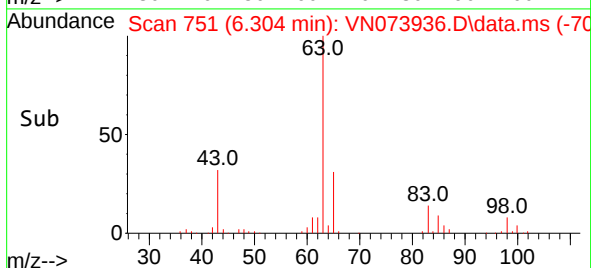
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022

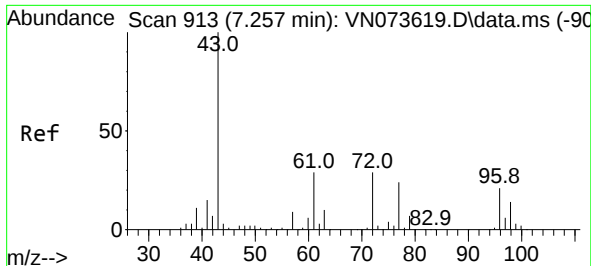


#24
 1,1-Dichloroethane
 Concen: 56.962 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073936.D
 Acq: 16 Aug 2022 08:37



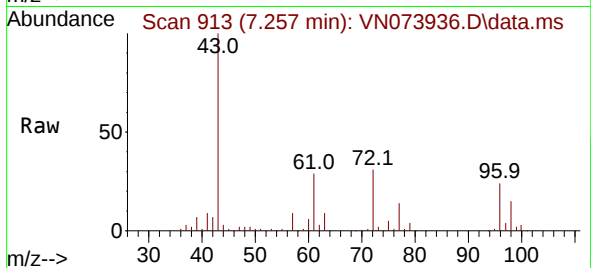
Tgt Ion: 63 Resp: 458174
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 4.4 2.3 6.8





#25
2-Butanone
Concen: 298.958 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

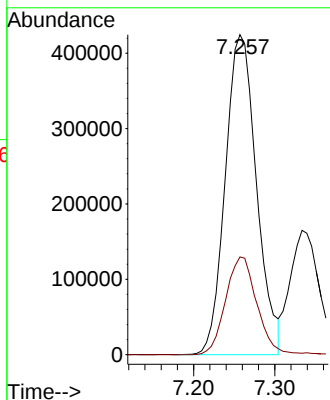
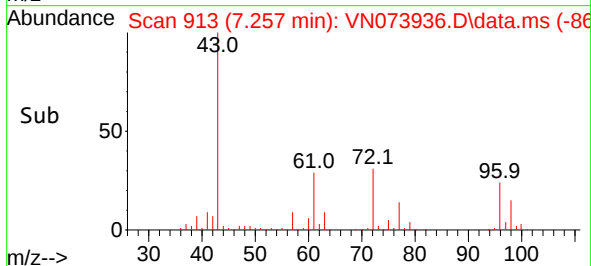
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



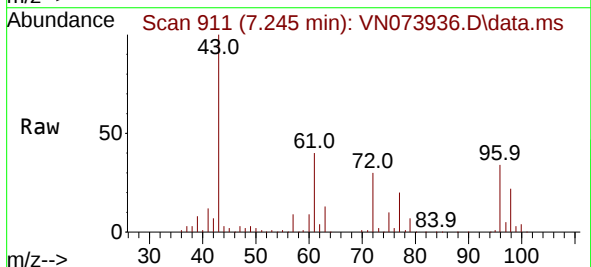
Tgt Ion: 43 Resp: 1135780
Ion Ratio Lower Upper
43 100
72 30.5 23.7 35.5

Manual Integrations
APPROVED

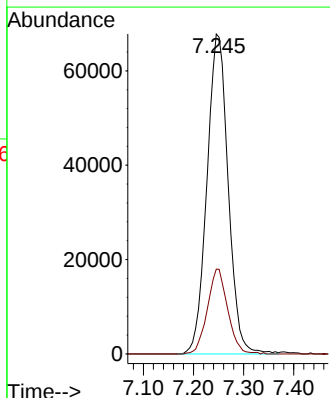
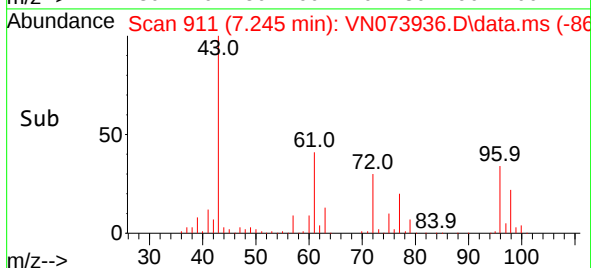
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#26
2,2-Dichloropropane
Concen: 26.438 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37



Tgt Ion: 77 Resp: 199790
Ion Ratio Lower Upper
77 100
97 25.4 11.4 34.2





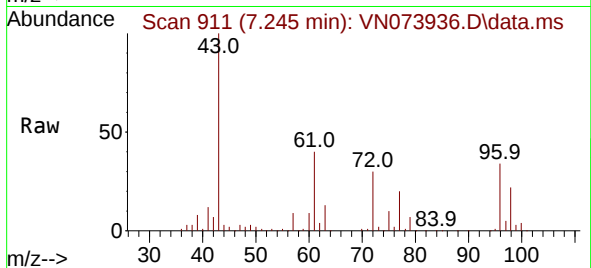
#27
 cis-1,2-Dichloroethene
 Concen: 55.449 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073936.D
 Acq: 16 Aug 2022 08:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

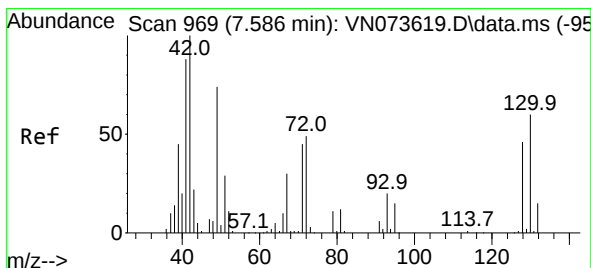
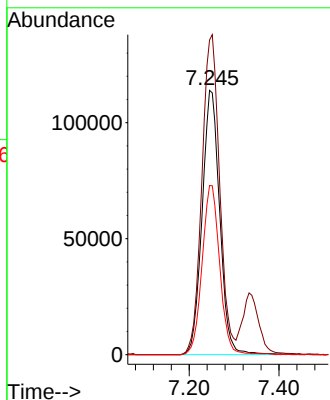
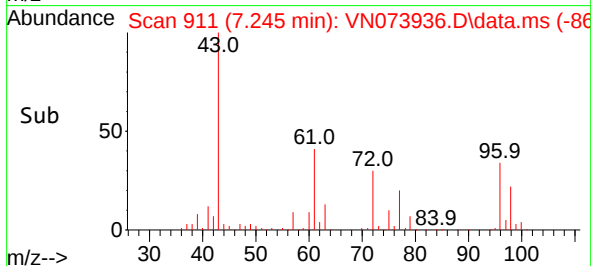


Tgt Ion: 96 Resp: 310160
 Ion Ratio Lower Upper
 96 100
 61 122.1 0.0 280.6
 98 63.8 0.0 128.4

Manual Integrations

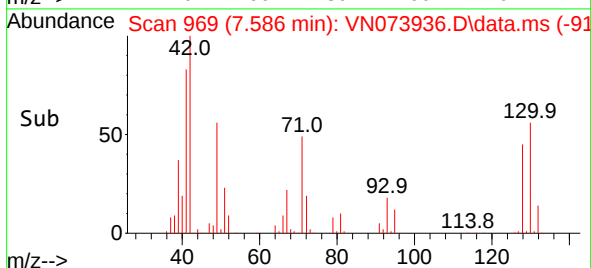
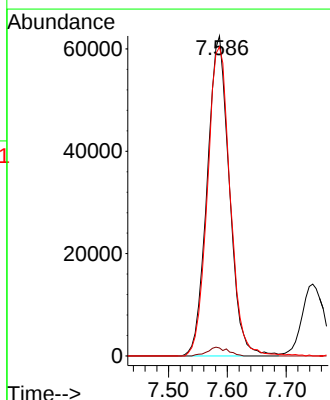
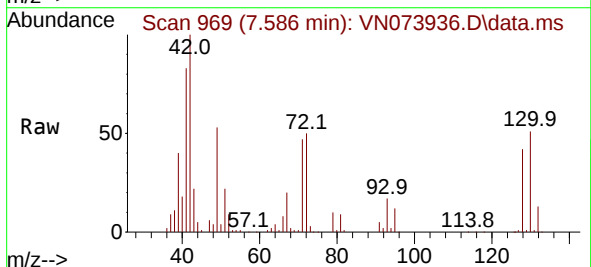
APPROVED

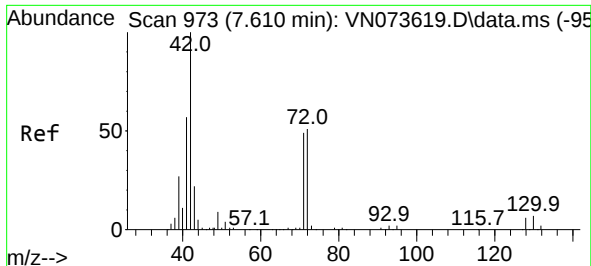
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#28
 Bromochloromethane
 Concen: 55.125 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VN073936.D
 Acq: 16 Aug 2022 08:37

Tgt Ion: 49 Resp: 163536
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 99.1 69.7 104.5





#29

Tetrahydrofuran

Concen: 300.448 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073936.D

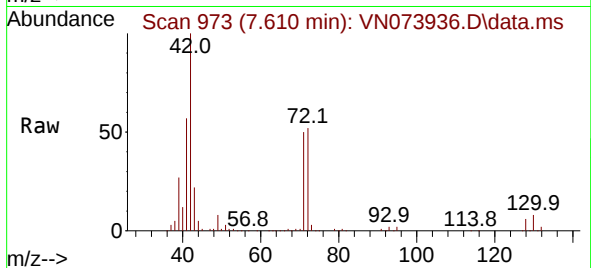
Acq: 16 Aug 2022 08:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



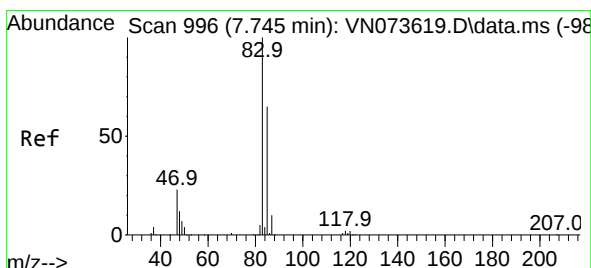
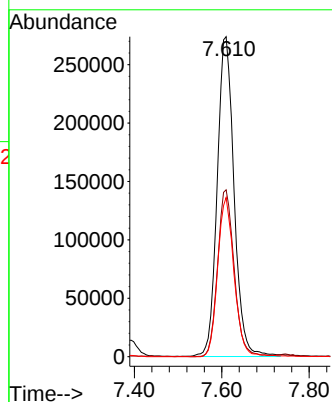
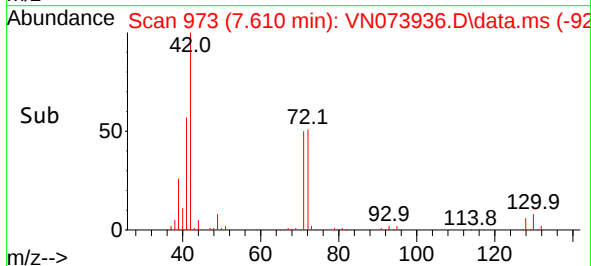
Tgt Ion:	42	Resp:	732210
Ion	Ratio	Lower	Upper
42	100		
72	51.3	39.7	59.5
71	48.7	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#30

Chloroform

Concen: 56.055 ug/l

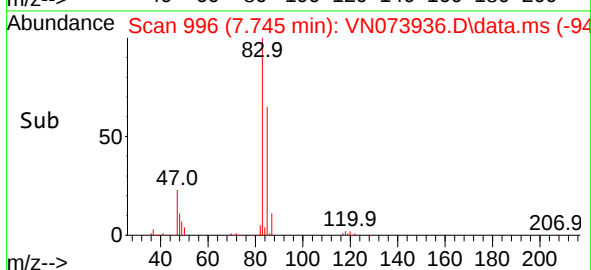
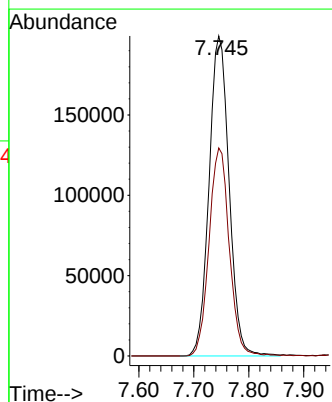
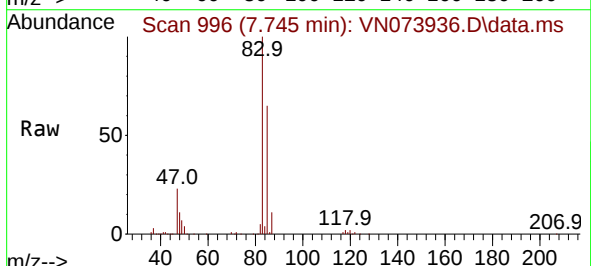
RT: 7.745 min Scan# 996

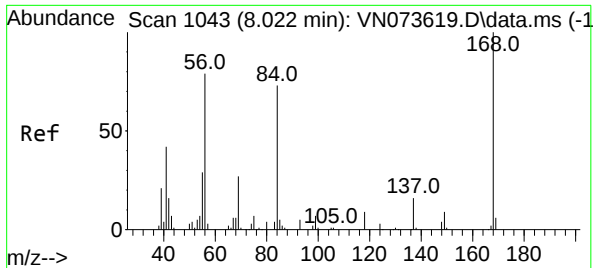
Delta R.T. 0.000 min

Lab File: VN073936.D

Acq: 16 Aug 2022 08:37

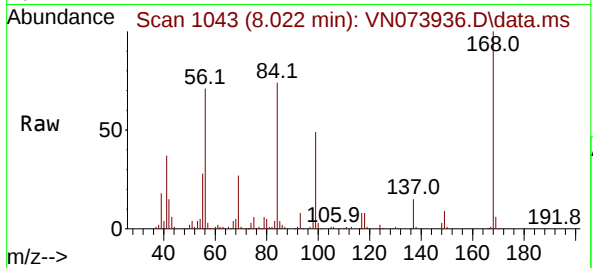
Tgt Ion:	83	Resp:	504171
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.8	77.8





#31
Cyclohexane
Concen: 54.002 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

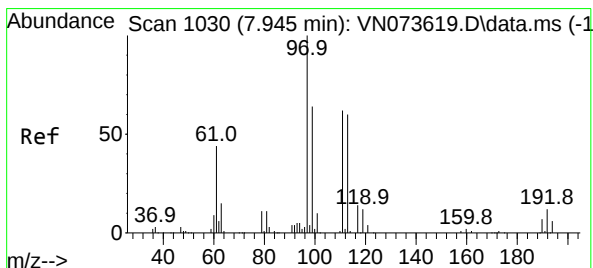
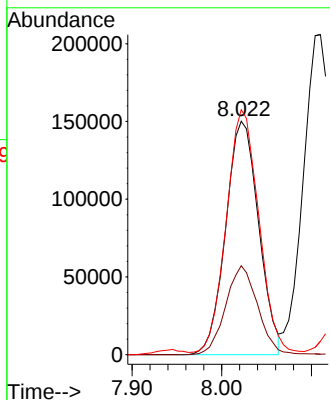
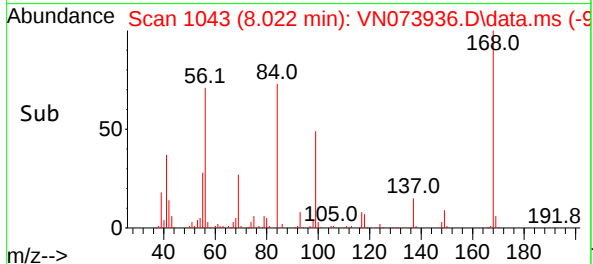
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



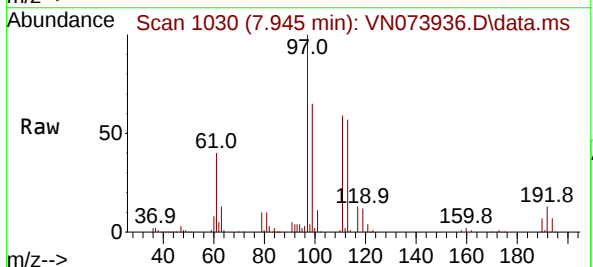
Tgt Ion: 56 Resp: 38231
Ion Ratio Lower Upper
56 100
69 38.1 27.8 41.8
84 103.4 76.9 115.3

Manual Integrations
APPROVED

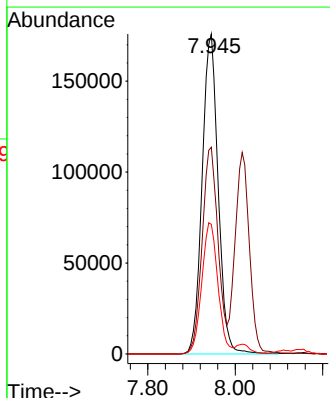
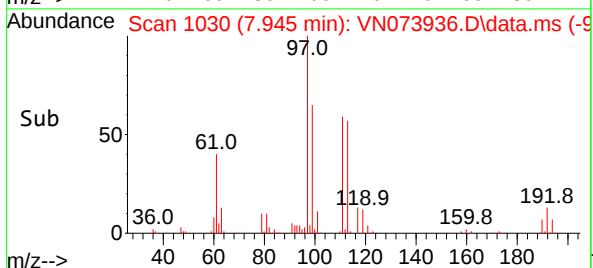
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#32
1,1,1-Trichloroethane
Concen: 56.292 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37



Tgt Ion: 97 Resp: 448987
Ion Ratio Lower Upper
97 100
99 64.3 50.6 76.0
61 41.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 60.068 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073936.D

Acq: 16 Aug 2022 08:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 305062

Ion Ratio Lower Upper

65 100

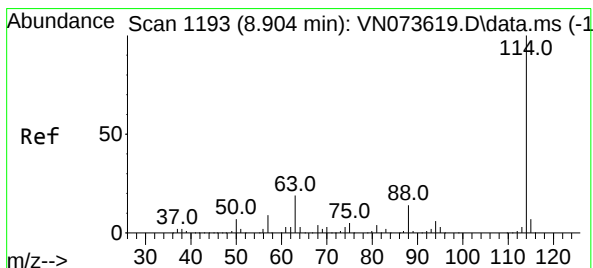
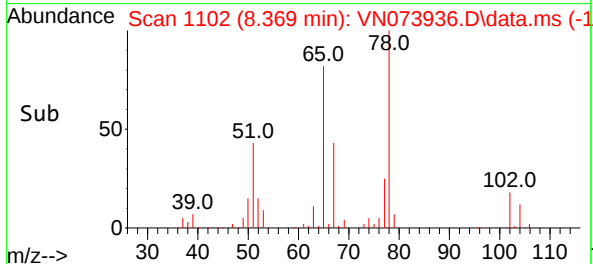
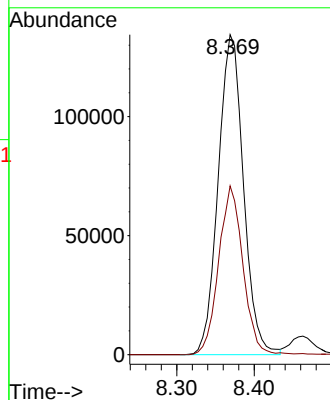
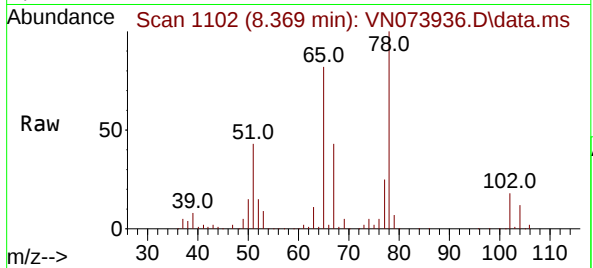
67 50.6 0.0 104.8

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: VN073936.D

Acq: 16 Aug 2022 08:37

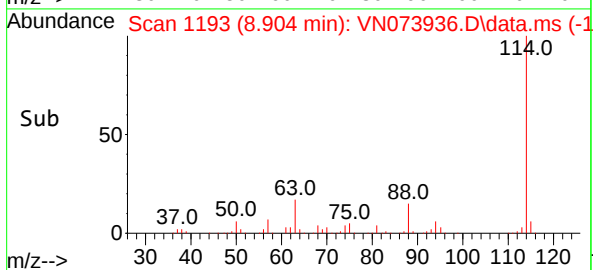
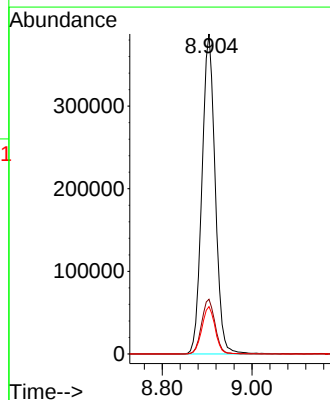
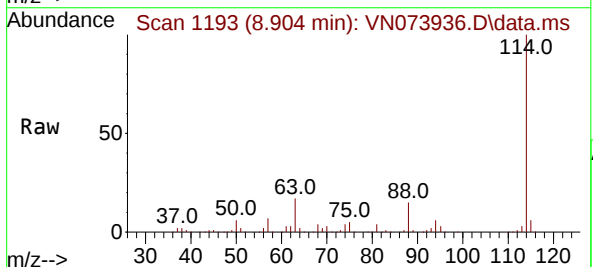
Tgt Ion:114 Resp: 791865

Ion Ratio Lower Upper

114 100

63 17.1 0.0 40.0

88 14.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.470 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073936.D

Acq: 16 Aug 2022 08:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 264448

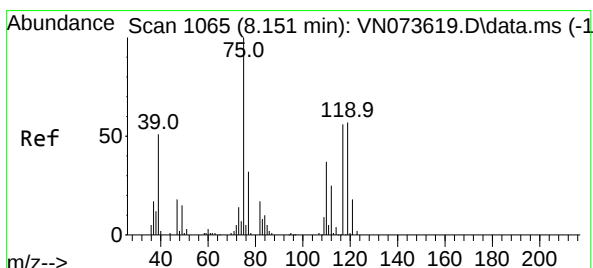
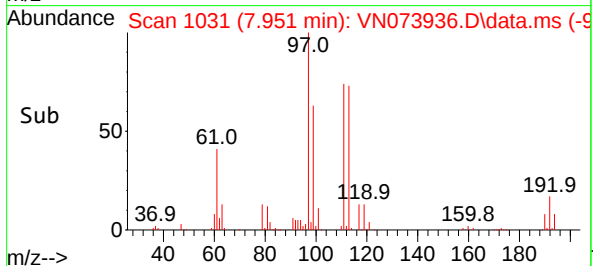
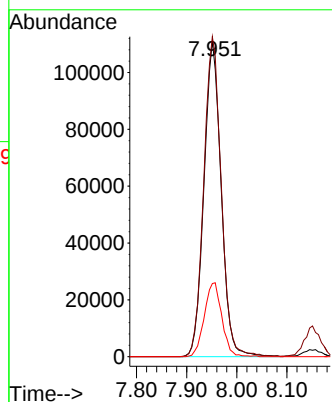
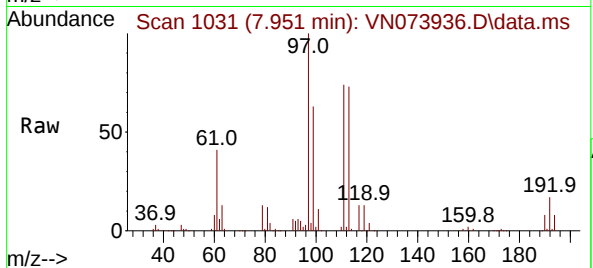
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	24.0	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#36

1,1-Dichloropropene

Concen: 53.997 ug/l

RT: 8.151 min Scan# 1065

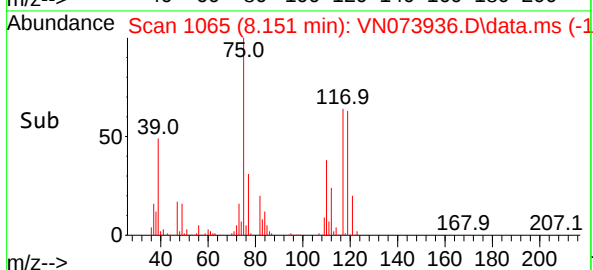
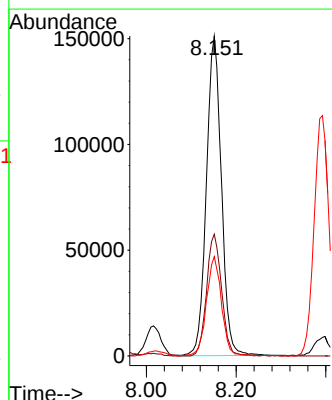
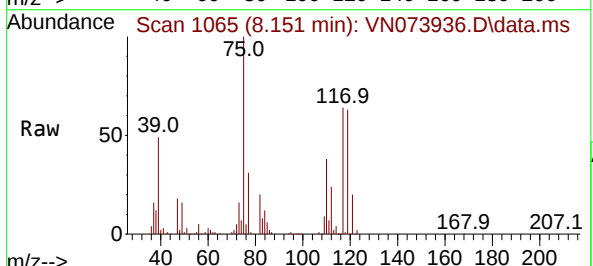
Delta R.T. 0.000 min

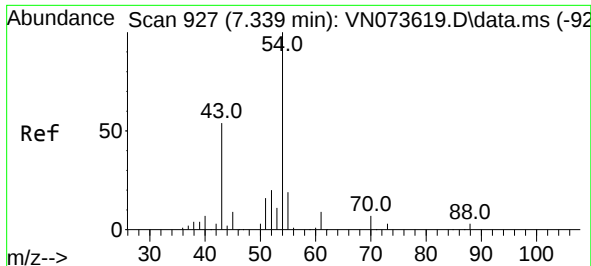
Lab File: VN073936.D

Acq: 16 Aug 2022 08:37

Tgt Ion: 75 Resp: 351226

Ion	Ratio	Lower	Upper
75	100		
110	38.2	18.3	54.8
77	31.1	25.1	37.7





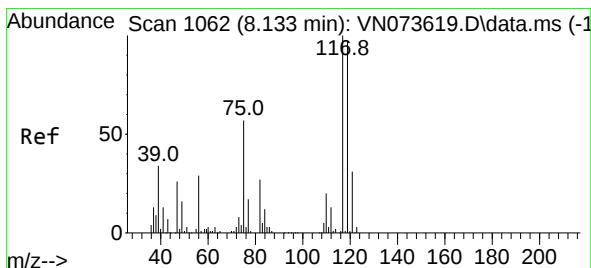
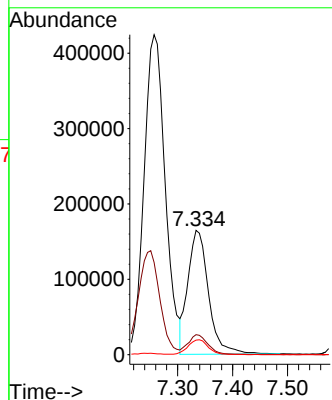
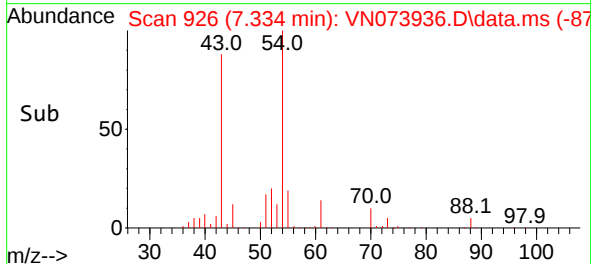
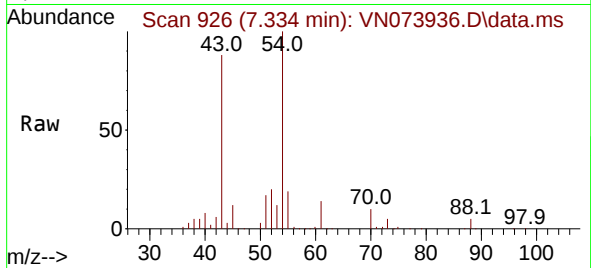
#37
Ethyl Acetate
Concen: 54.352 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 42830
Ion Ratio Lower Upper
43 100
61 15.6 11.8 17.6
70 11.9 9.3 13.9

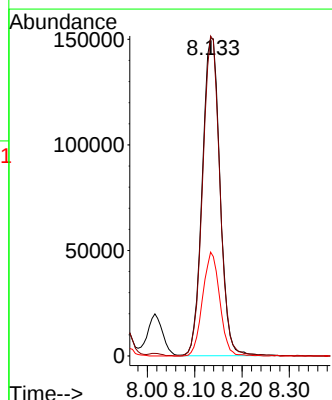
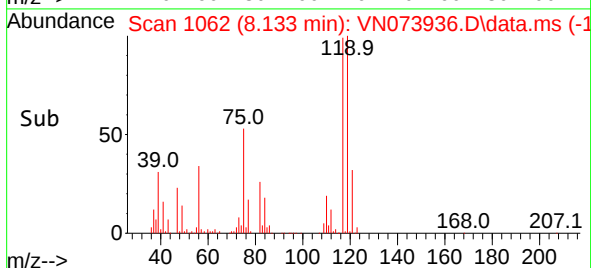
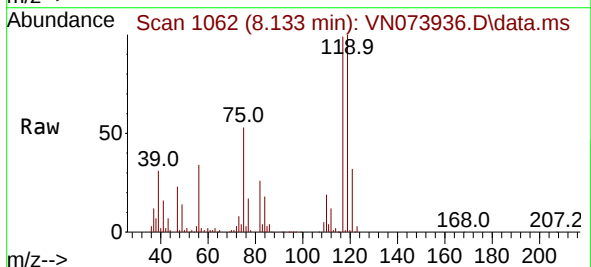
Manual Integrations
APPROVED

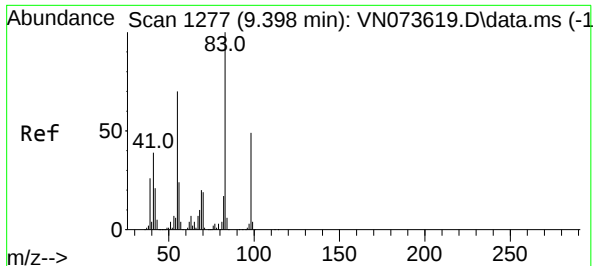
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#38
Carbon Tetrachloride
Concen: 52.597 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

Tgt Ion:117 Resp: 391053
Ion Ratio Lower Upper
117 100
119 101.0 75.8 113.8
121 32.8 24.6 37.0





#39

Methylcyclohexane

Concen: 52.599 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VN073936.D

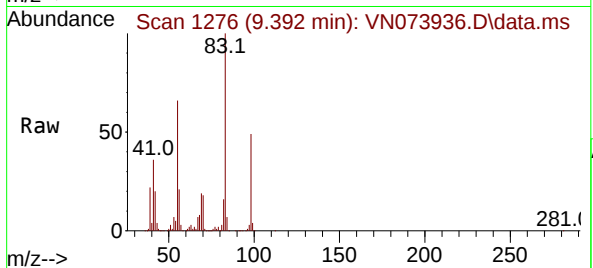
Acq: 16 Aug 2022 08:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



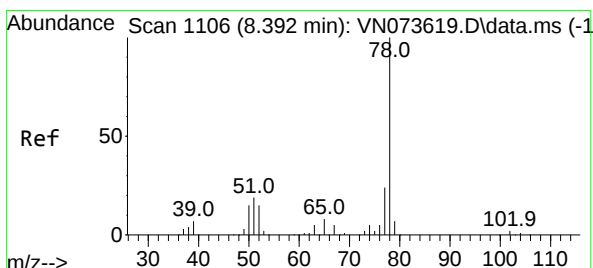
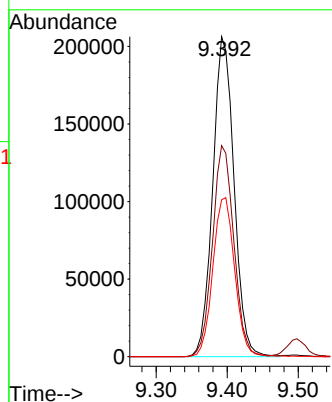
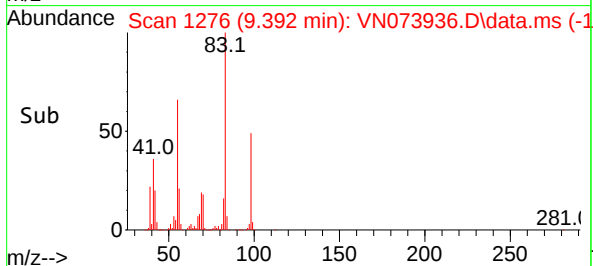
Tgt Ion:	83	Resp:	428690
Ion Ratio	Lower	Upper	
83	100		
55	65.9	57.8	86.8
98	49.0	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#40

Benzene

Concen: 53.645 ug/l

RT: 8.392 min Scan# 1106

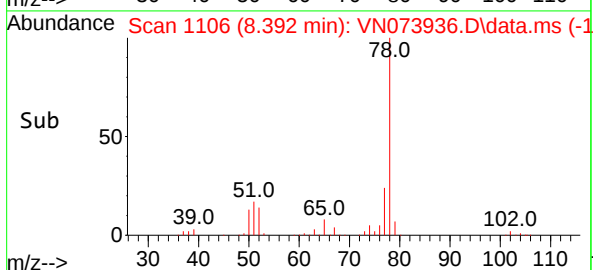
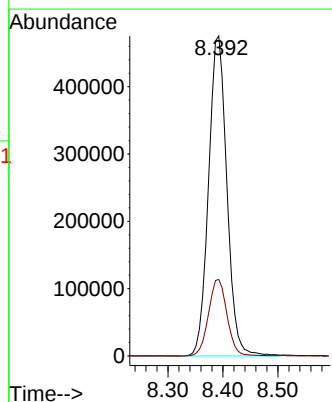
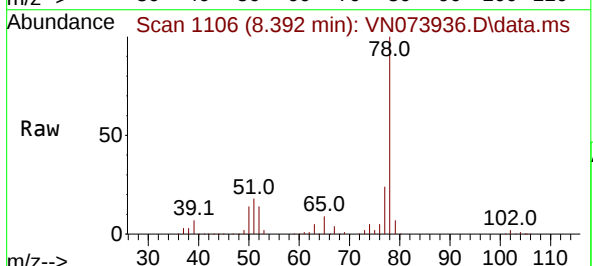
Delta R.T. 0.000 min

Lab File: VN073936.D

Acq: 16 Aug 2022 08:37

Tgt Ion: 78 Resp: 1101292

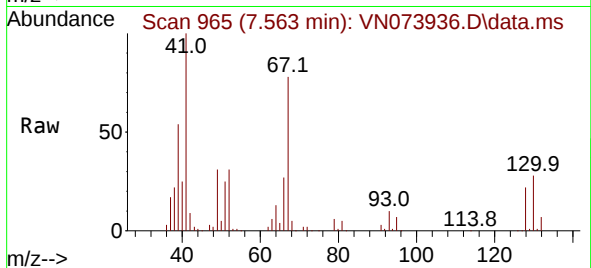
Ion Ratio	Lower	Upper
78	100	
77	23.9	19.4 29.0





#41
Methacrylonitrile
Concen: 53.782 ug/l
RT: 7.563 min Scan# 965
Delta R.T. -0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

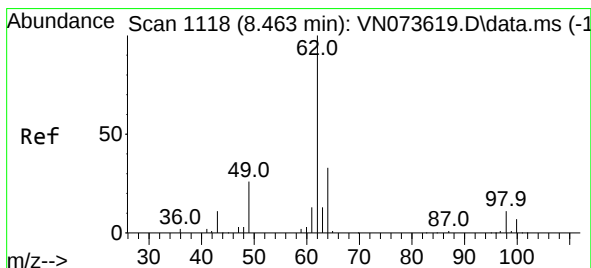
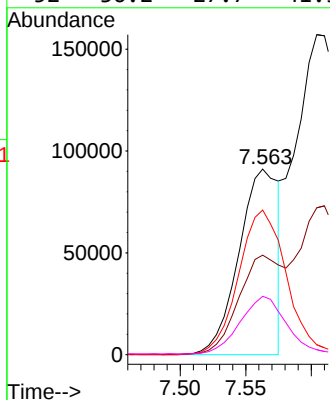
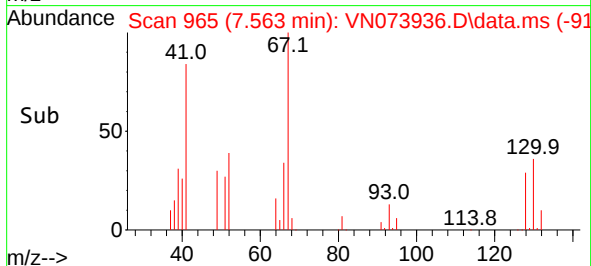
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 191520
Ion Ratio Lower Upper
41 100
39 61.5 48.6 73.0
67 95.6 73.4 110.2
52 36.2 27.7 41.5

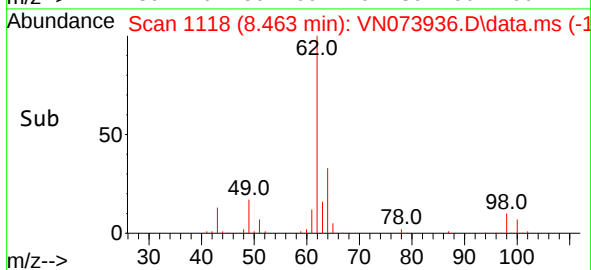
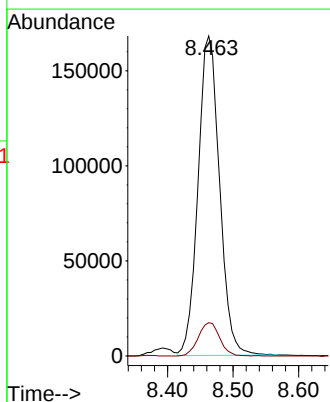
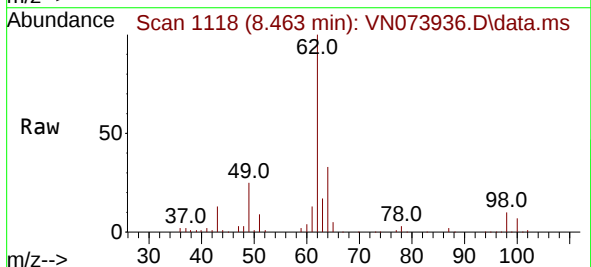
Manual Integrations
APPROVED

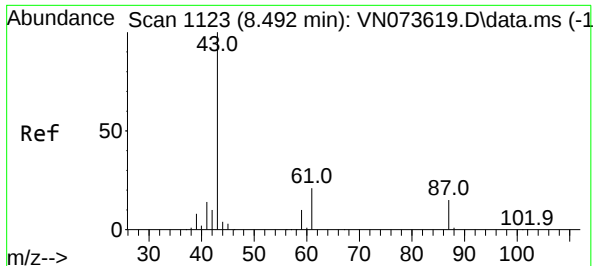
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#42
1,2-Dichloroethane
Concen: 54.381 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

Tgt Ion: 62 Resp: 383864
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.4





#43

Isopropyl Acetate

Concen: 57.005 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN073936.D

Acq: 16 Aug 2022 08:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC

Tgt Ion: 43 Resp: 639940

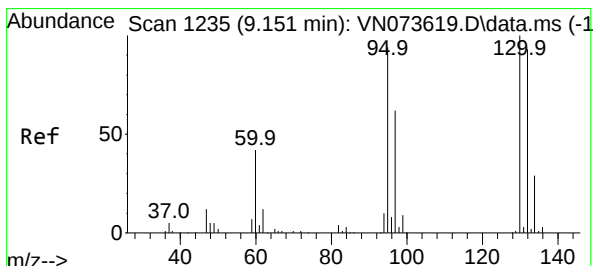
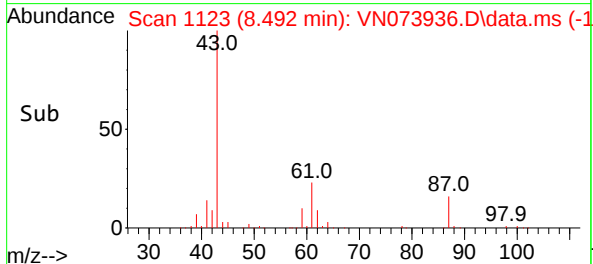
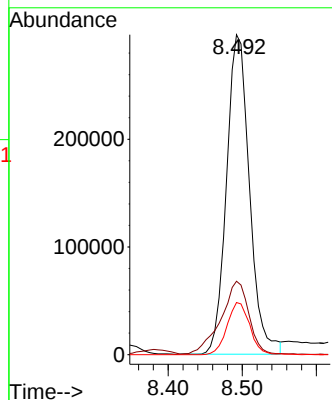
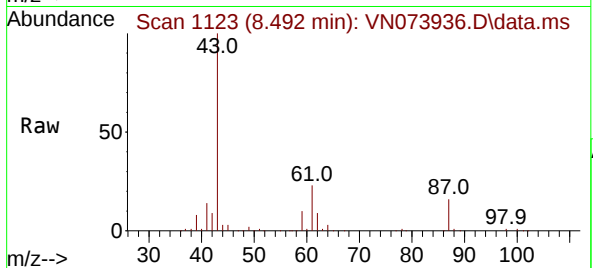
Ion	Ratio	Lower	Upper
43	100		
61	28.5	21.9	32.9
87	16.2	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#44

Trichloroethene

Concen: 52.376 ug/l

RT: 9.151 min Scan# 1235

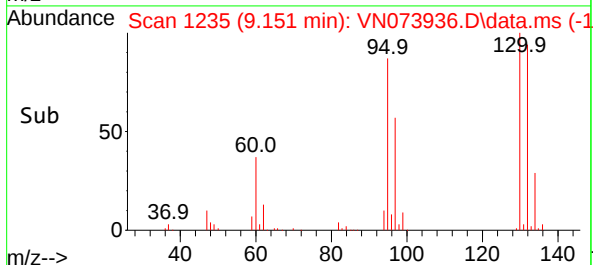
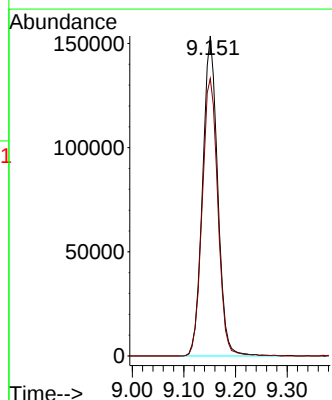
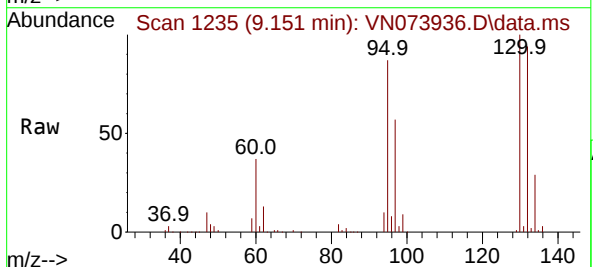
Delta R.T. 0.000 min

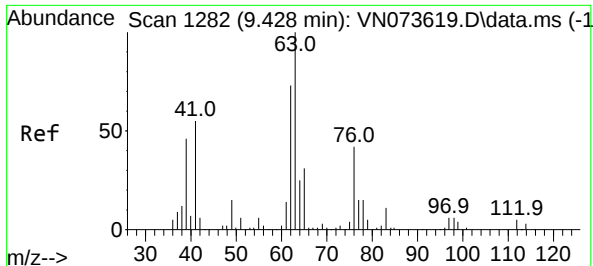
Lab File: VN073936.D

Acq: 16 Aug 2022 08:37

Tgt Ion:130 Resp: 310563

Ion	Ratio	Lower	Upper
130	100		
95	86.7	0.0	186.8





#45

1,2-Dichloropropane

Concen: 55.469 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.001 min

Lab File: VN073936.D

Acq: 16 Aug 2022 08:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 272944

Ion Ratio Lower Upper

63 100

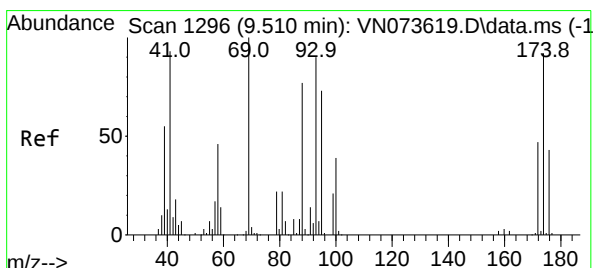
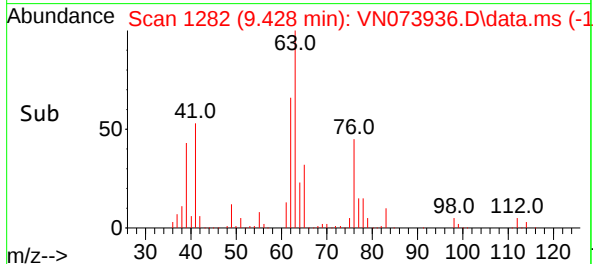
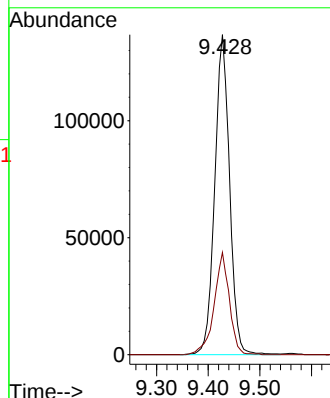
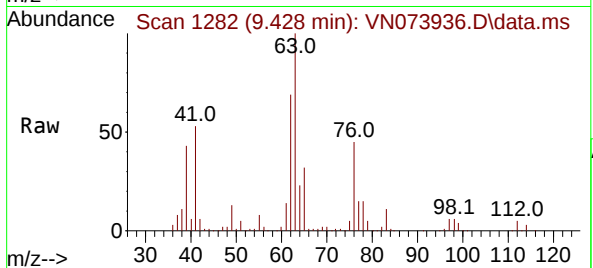
65 31.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#46

Dibromomethane

Concen: 54.422 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073936.D

Acq: 16 Aug 2022 08:37

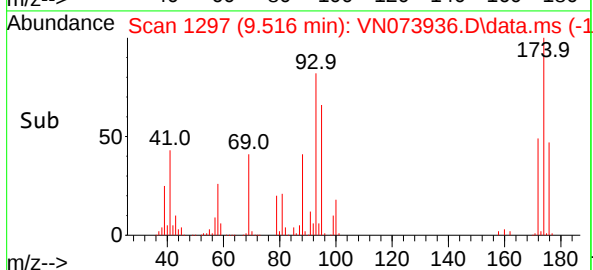
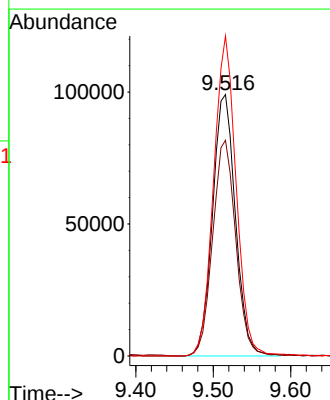
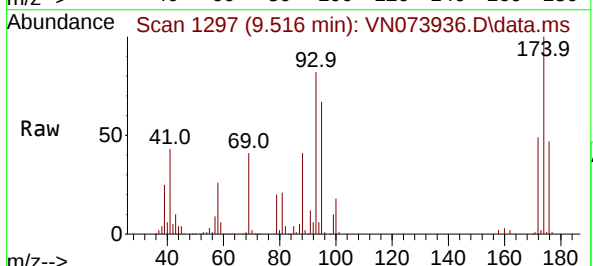
Tgt Ion: 93 Resp: 203595

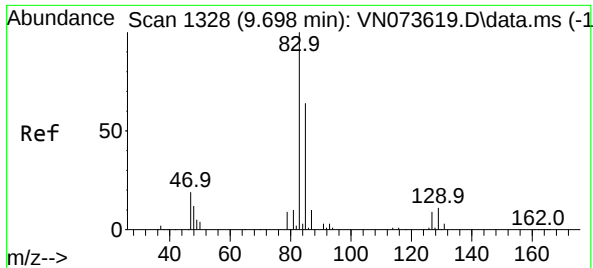
Ion Ratio Lower Upper

93 100

95 83.2 66.9 100.3

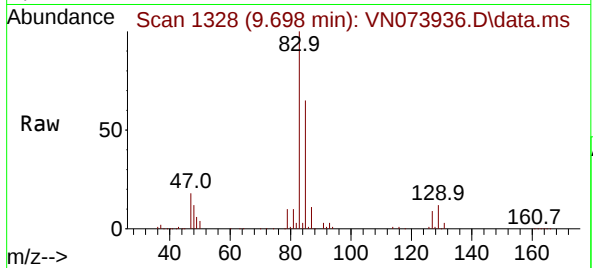
174 120.2 86.6 130.0





#47
Bromodichloromethane
Concen: 54.436 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

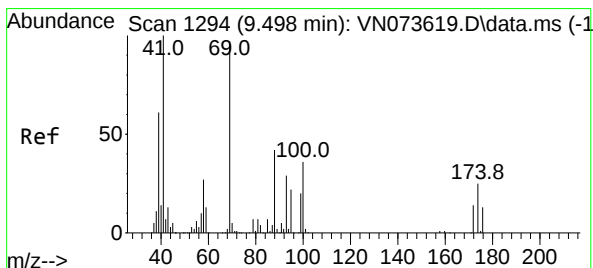
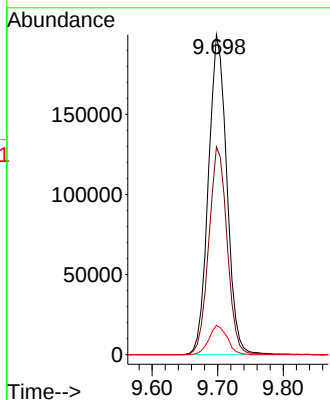
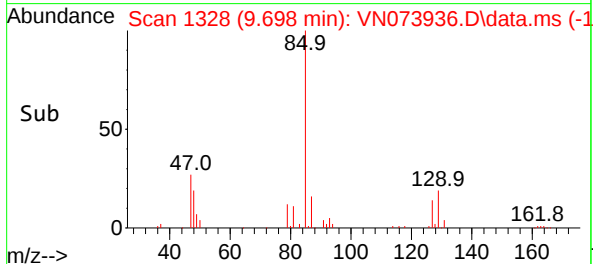
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 389239
Ion Ratio Lower Upper
83 100
85 64.9 50.5 75.7
127 9.1 6.8 10.2

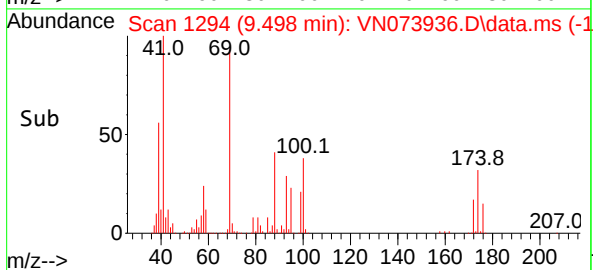
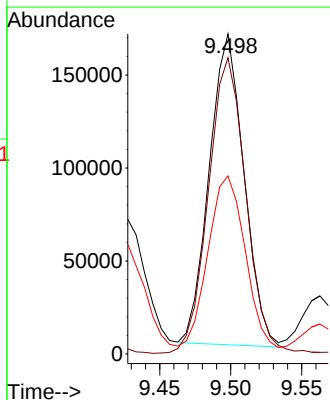
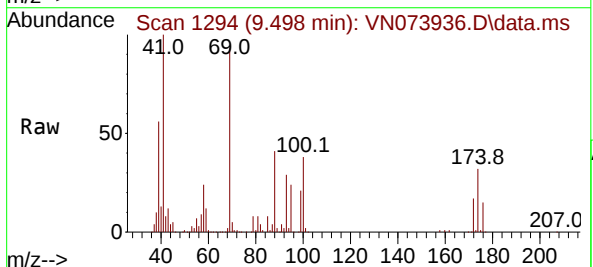
Manual Integrations
APPROVED

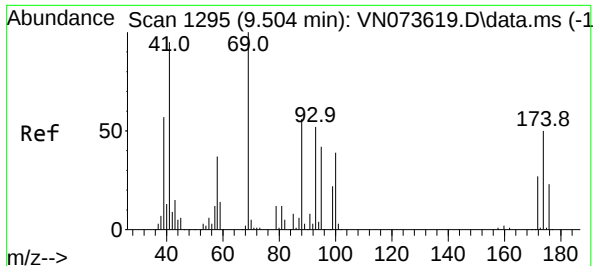
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#48
Methyl methacrylate
Concen: 59.126 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

Tgt Ion: 41 Resp: 284009
Ion Ratio Lower Upper
41 100
69 103.2 74.7 112.1
39 63.0 45.6 68.4





#49

1,4-Dioxane

Concen: 1089.179 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073936.D

Acq: 16 Aug 2022 08:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 15558

Ion Ratio Lower Upper

88 100

43 25.3 20.2 30.4

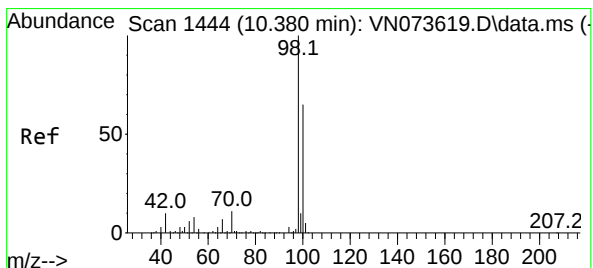
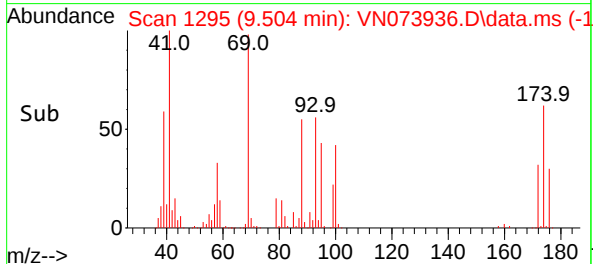
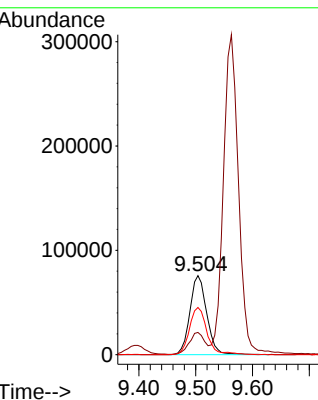
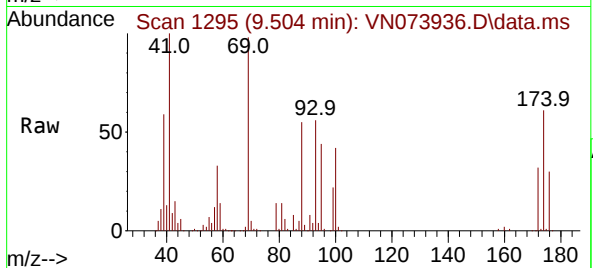
58 62.3 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#50

Toluene-d8

Concen: 56.079 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073936.D

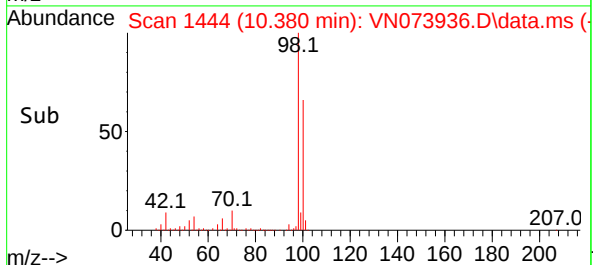
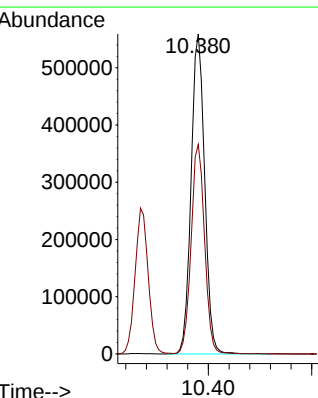
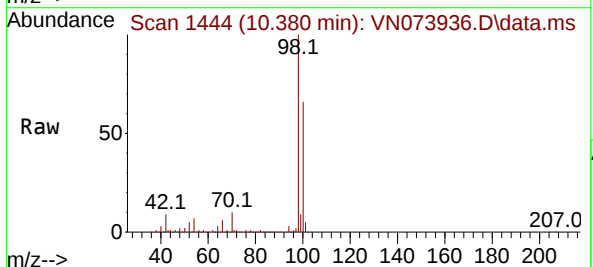
Acq: 16 Aug 2022 08:37

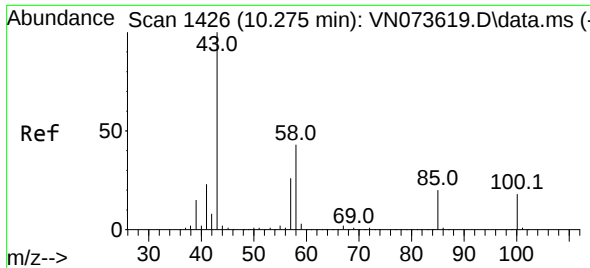
Tgt Ion: 98 Resp: 1017098

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8





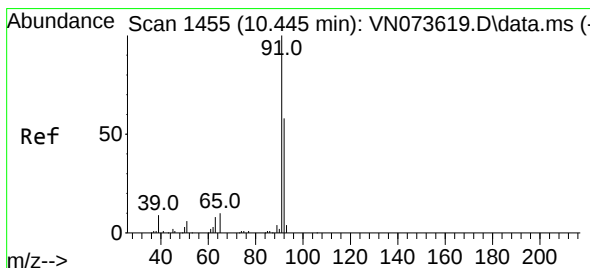
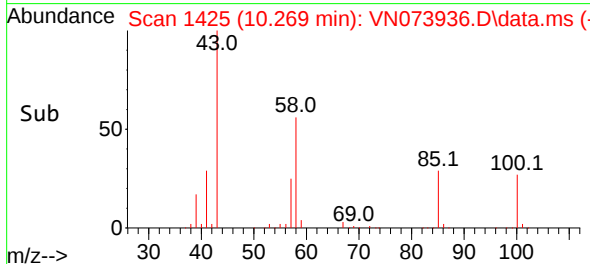
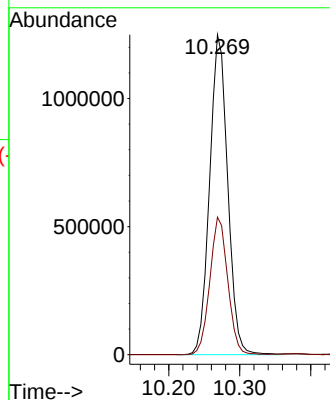
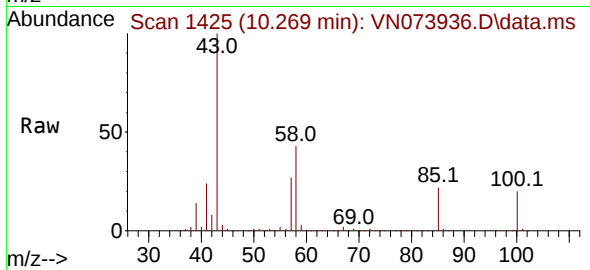
#51
4-Methyl-2-Pentanone
Concen: 290.367 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 220385
Ion Ratio Lower Upper
43 100
58 42.7 34.1 51.1

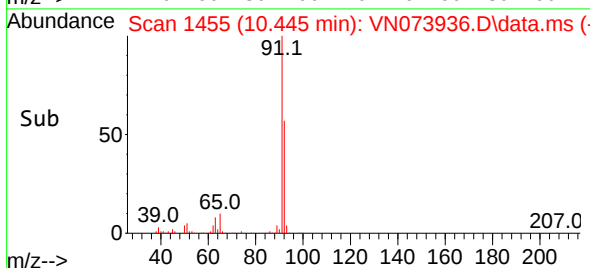
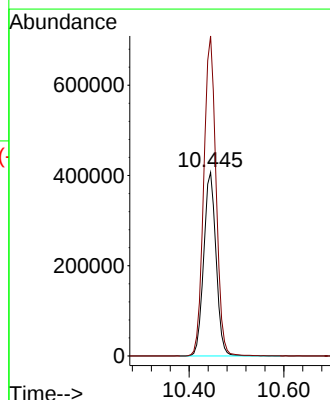
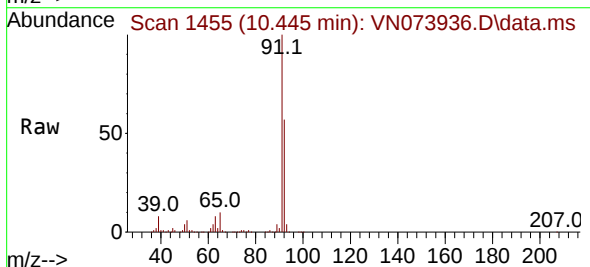
Manual Integrations
APPROVED

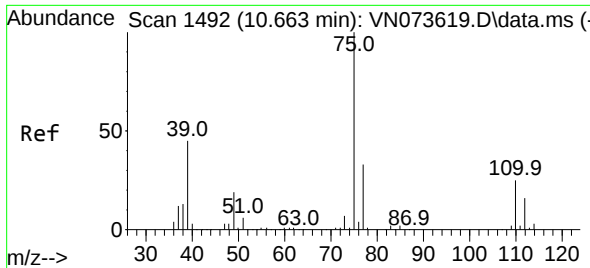
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#52
Toluene
Concen: 51.950 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

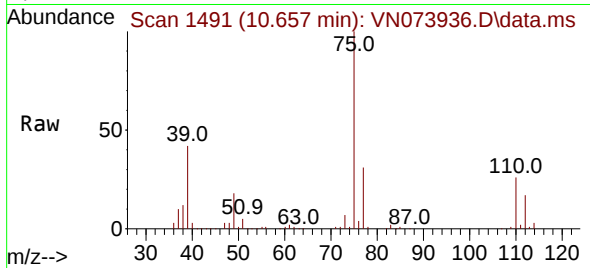
Tgt Ion: 92 Resp: 731318
Ion Ratio Lower Upper
92 100
91 174.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 50.894 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

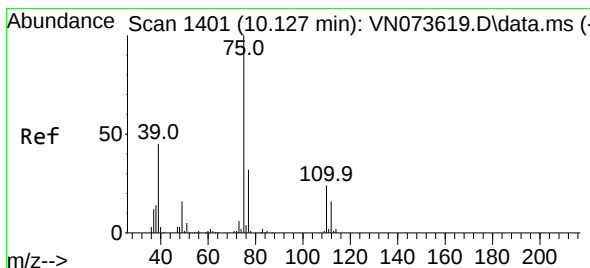
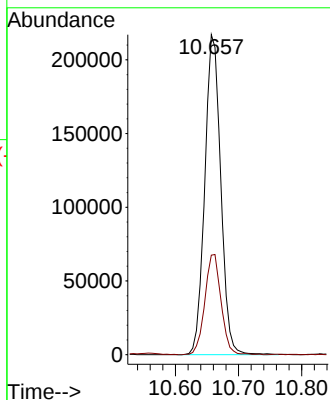
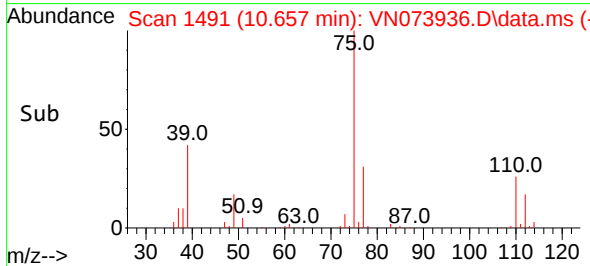
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 381870
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

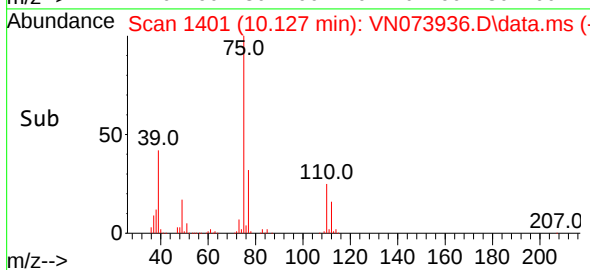
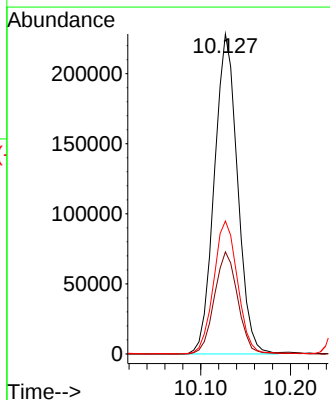
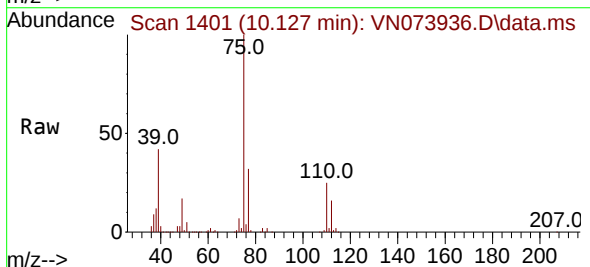
Manual Integrations
APPROVED

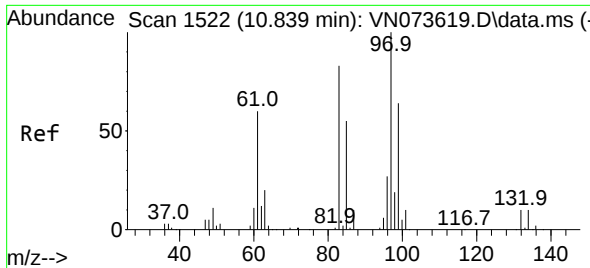
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#54
cis-1,3-Dichloropropene
Concen: 49.951 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

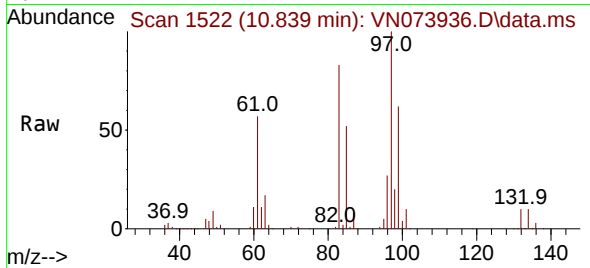
Tgt Ion: 75 Resp: 410079
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
39 41.5 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 55.696 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

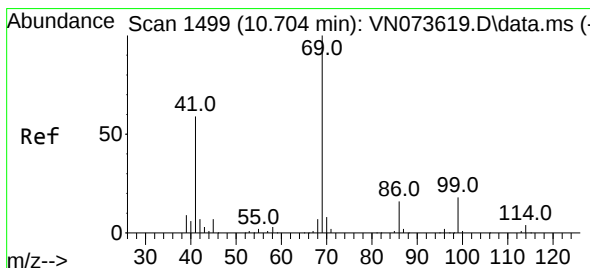
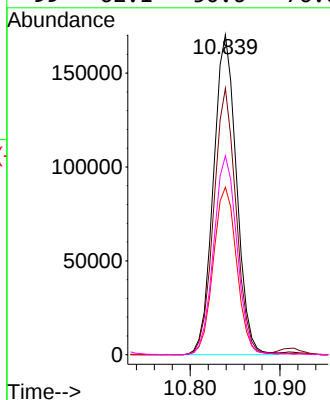
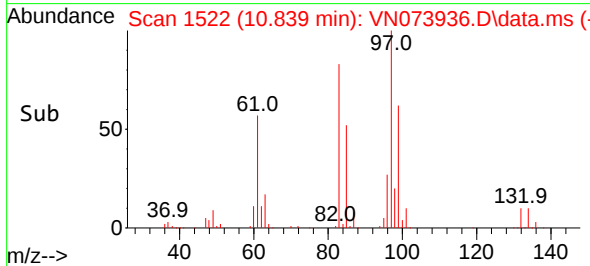
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



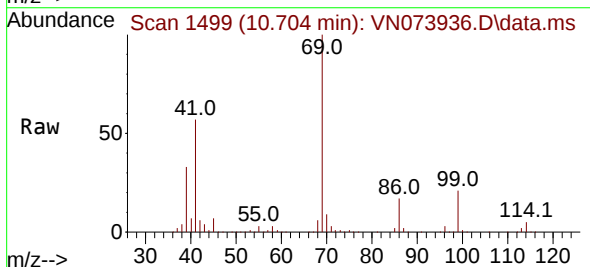
Tgt Ion: 97 Resp: 304992
Ion Ratio Lower Upper
97 100
83 83.3 66.2 99.4
85 52.4 43.9 65.9
99 62.1 50.6 76.0

Manual Integrations
APPROVED

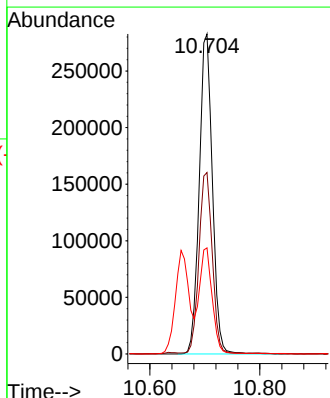
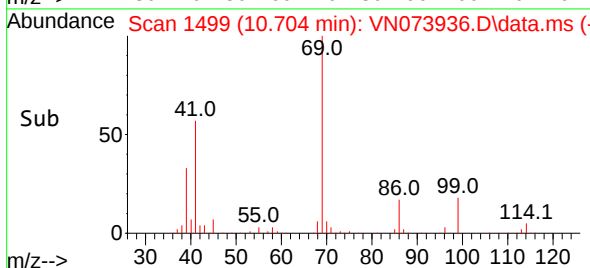
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

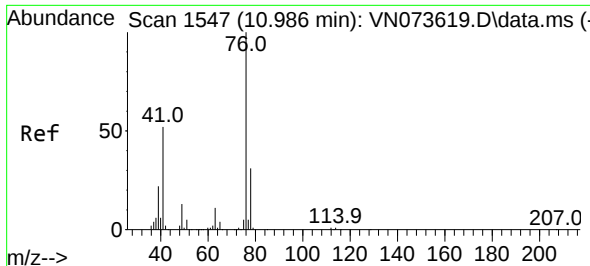


#56
Ethyl methacrylate
Concen: 60.110 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37



Tgt Ion: 69 Resp: 469474
Ion Ratio Lower Upper
69 100
41 56.7 47.8 71.6
39 32.0 27.3 40.9





#57

1,3-Dichloropropane

Concen: 56.067 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN073936.D

Acq: 16 Aug 2022 08:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 49919

Ion Ratio Lower Upper

76 100

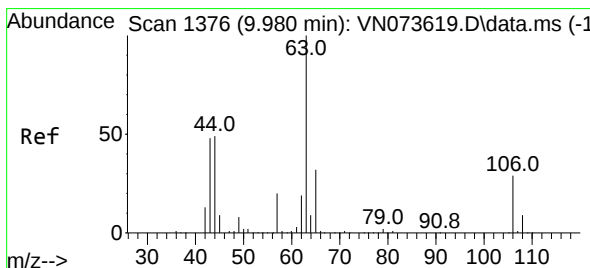
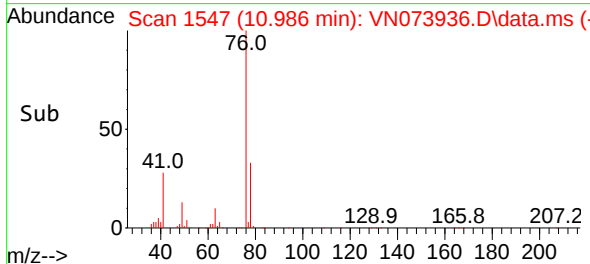
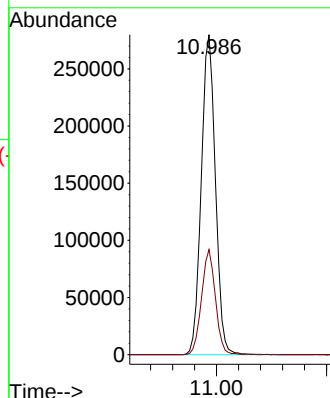
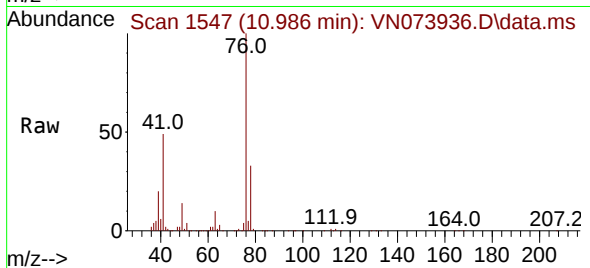
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 291.858 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073936.D

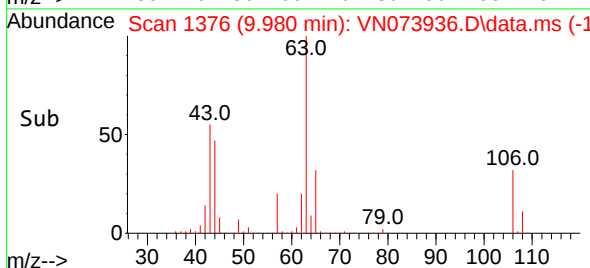
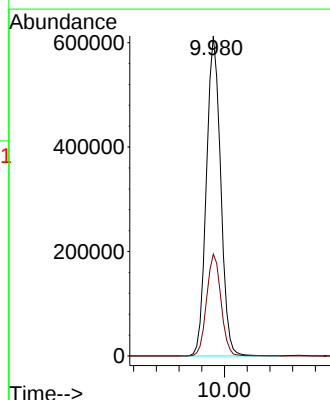
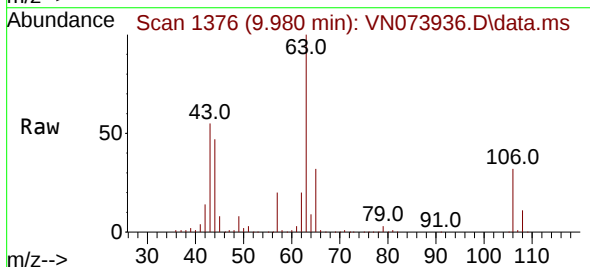
Acq: 16 Aug 2022 08:37

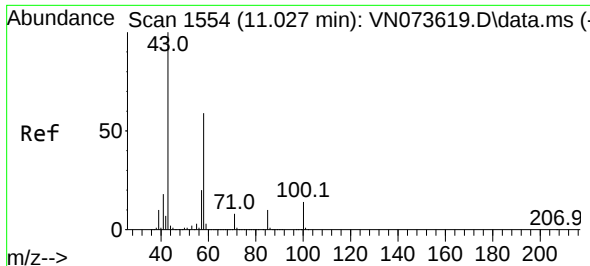
Tgt Ion: 63 Resp: 1063860

Ion Ratio Lower Upper

63 100

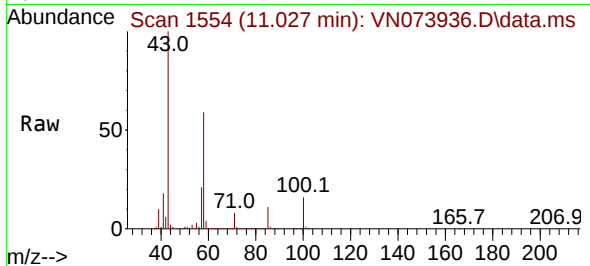
106 32.0 24.6 36.8





#59
2-Hexanone
Concen: 293.215 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

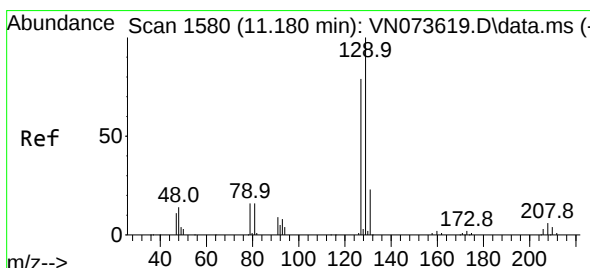
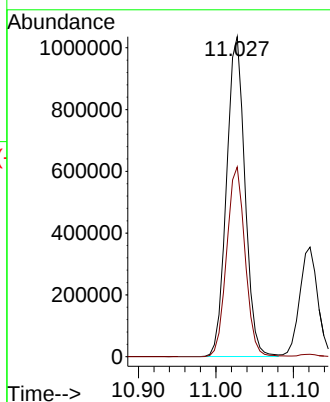
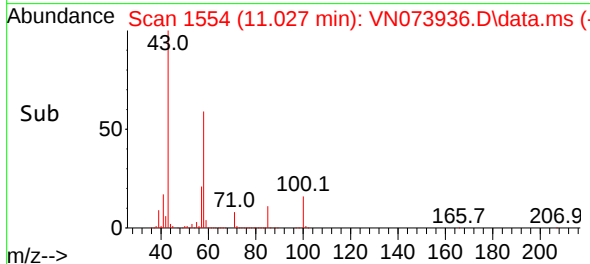
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1712739
Ion Ratio Lower Upper
43 100
58 59.5 29.7 89.1

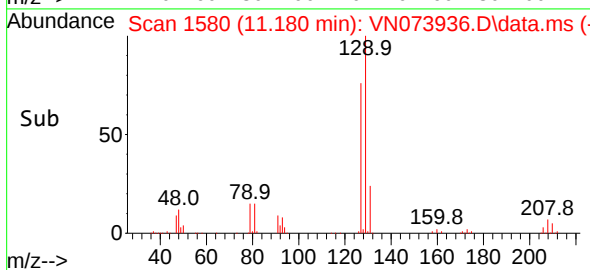
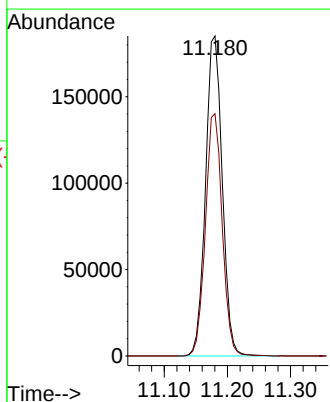
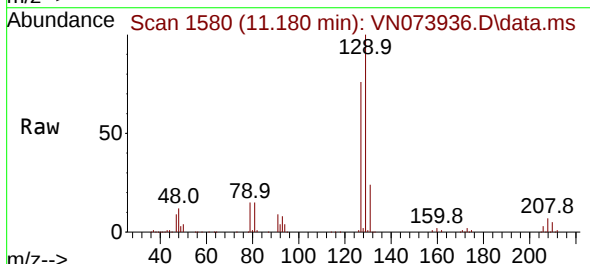
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 56.151 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

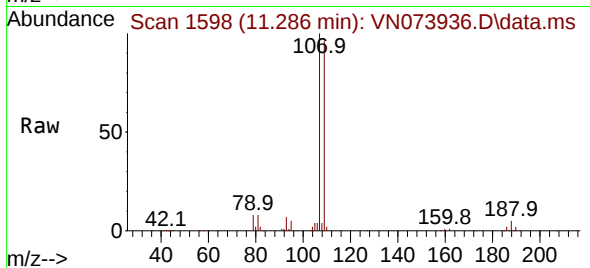
Tgt Ion:129 Resp: 340030
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.343 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

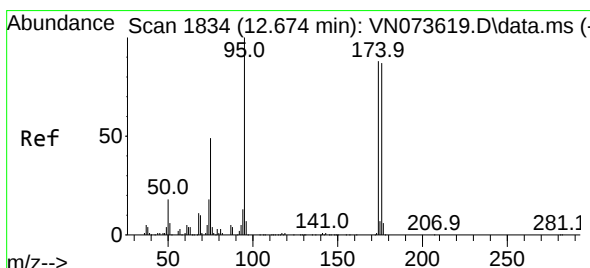
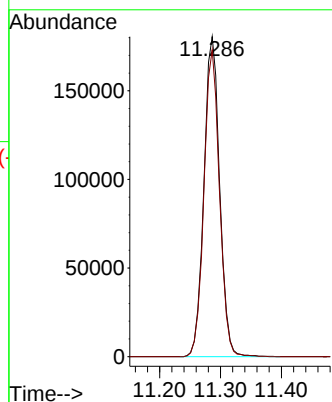
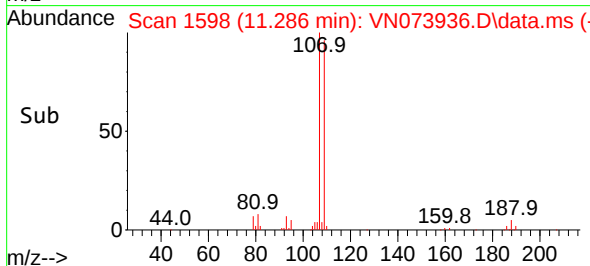
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



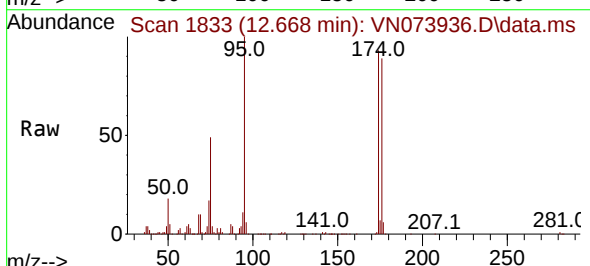
Tgt Ion:107 Resp: 32414
Ion Ratio Lower Upper
107 100
109 94.7 75.0 112.6

Manual Integrations
APPROVED

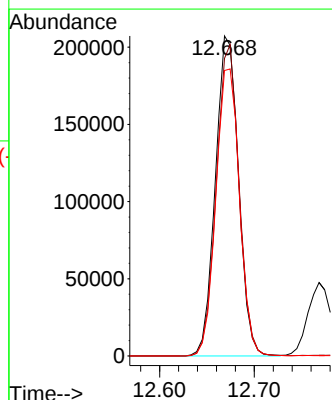
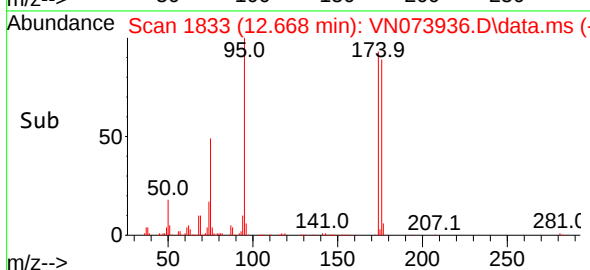
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

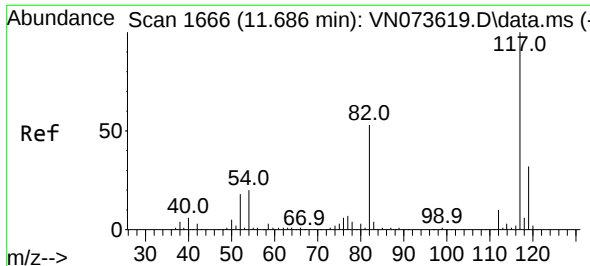


#62
4-Bromofluorobenzene
Concen: 58.301 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37



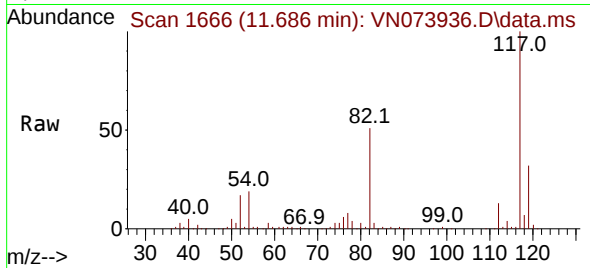
Tgt Ion: 95 Resp: 350930
Ion Ratio Lower Upper
95 100
174 95.8 0.0 167.6
176 91.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

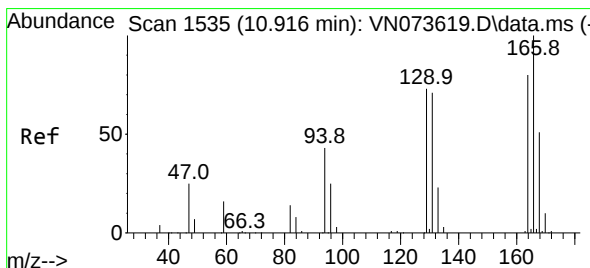
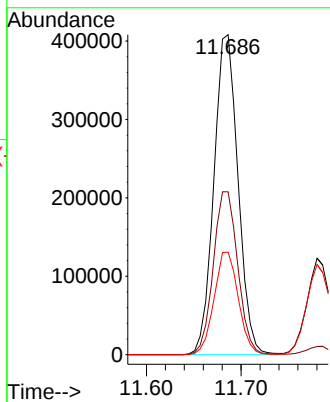
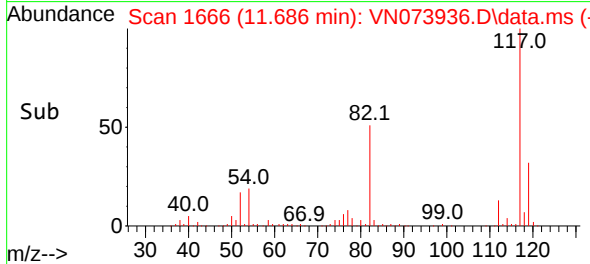
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 723000
Ion Ratio Lower Upper
117 100
82 50.9 44.2 66.2
119 32.0 25.4 38.0

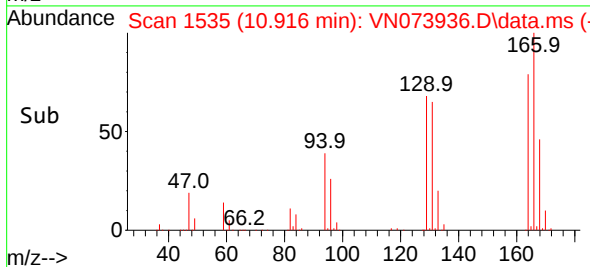
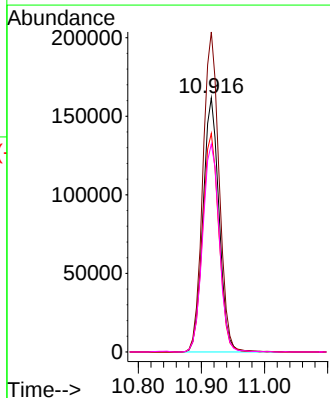
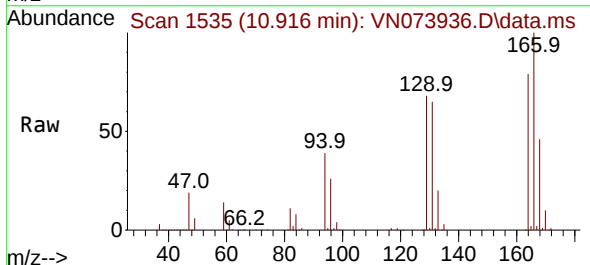
Manual Integrations
APPROVED

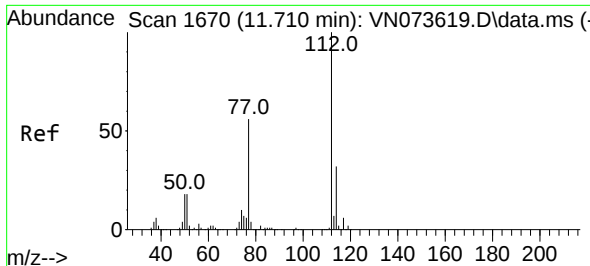
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#64
Tetrachloroethene
Concen: 49.781 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

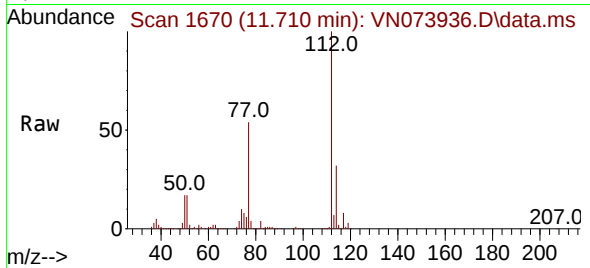
Tgt Ion:164 Resp: 284076
Ion Ratio Lower Upper
164 100
166 126.0 104.2 156.2
129 86.0 73.9 110.9
131 81.8 69.4 104.2





#65
Chlorobenzene
Concen: 52.610 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

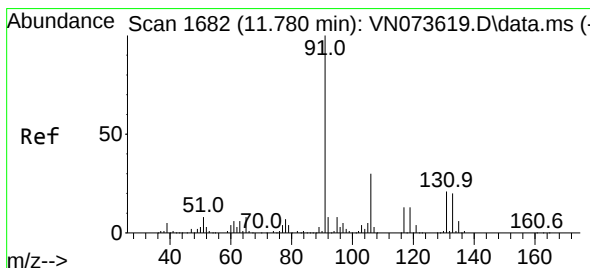
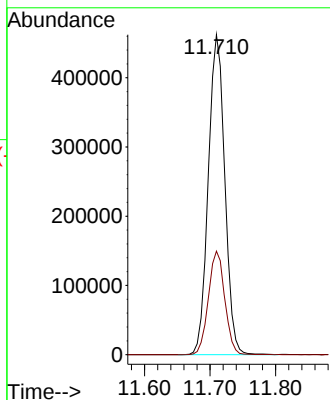
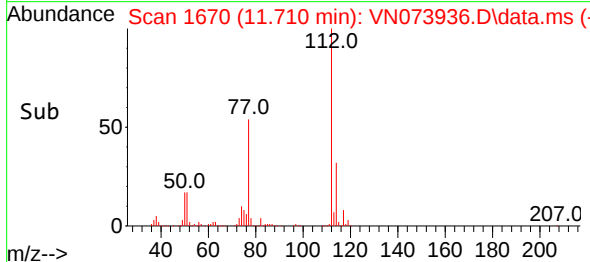
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



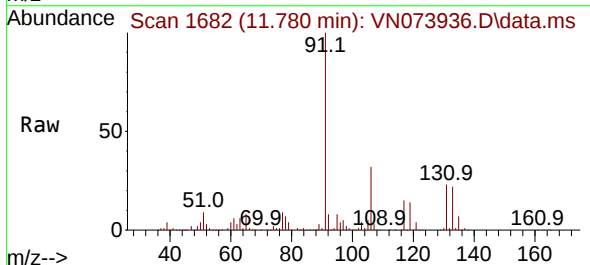
Tgt Ion:112 Resp: 80838
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

Manual Integrations
APPROVED

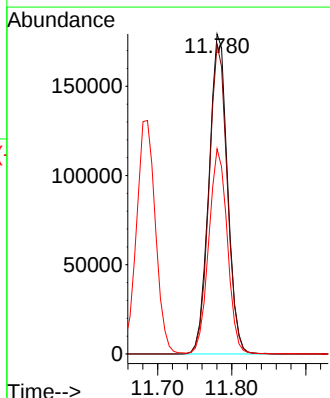
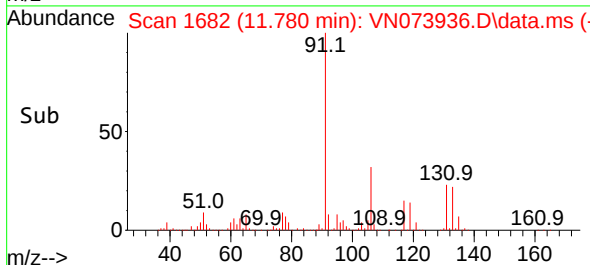
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

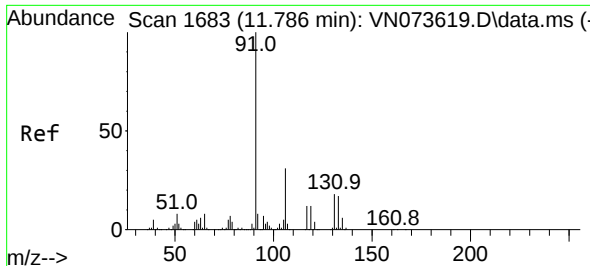


#66
1,1,1,2-Tetrachloroethane
Concen: 53.578 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37



Tgt Ion:131 Resp: 311748
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.4
119 64.1 33.4 100.2





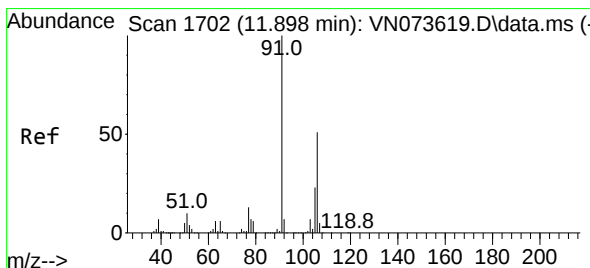
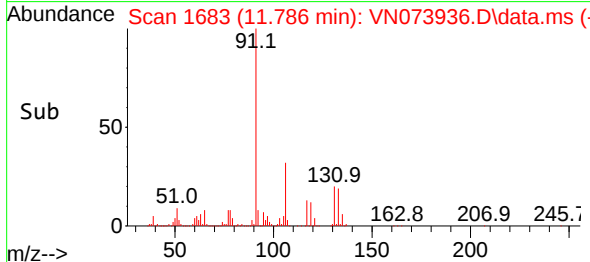
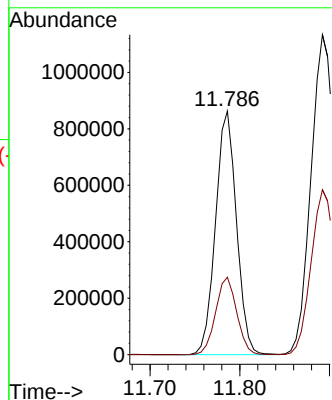
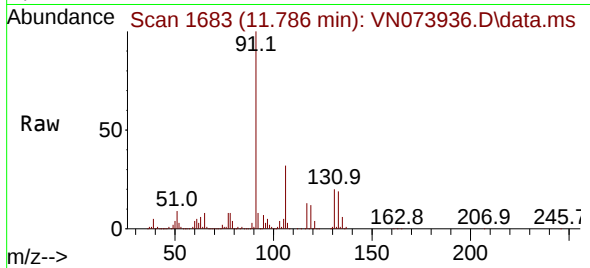
#67
Ethyl Benzene
Concen: 54.701 ug/l
RT: 11.786 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1397798
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

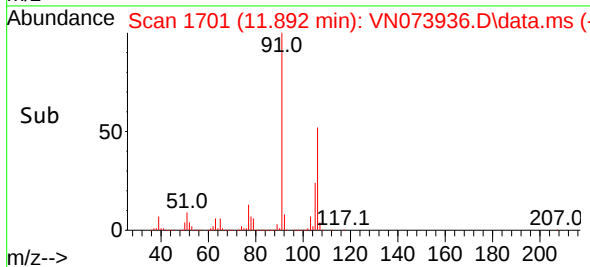
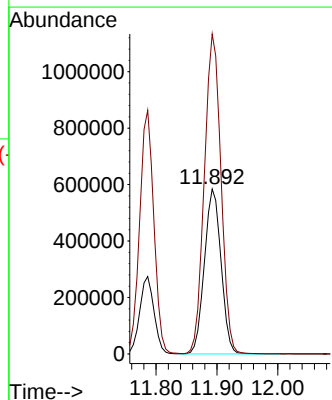
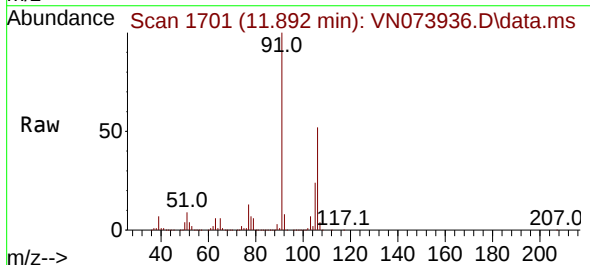
Manual Integrations
APPROVED

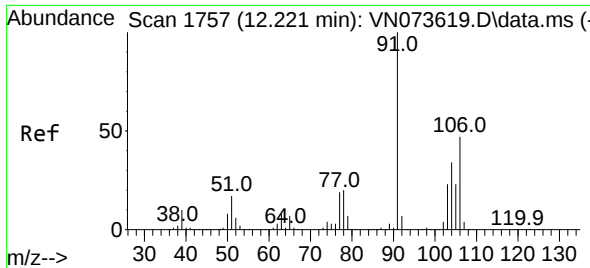
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#68
m/p-Xylenes
Concen: 106.601 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

Tgt Ion:106 Resp: 1106802
Ion Ratio Lower Upper
106 100
91 194.2 158.9 238.3





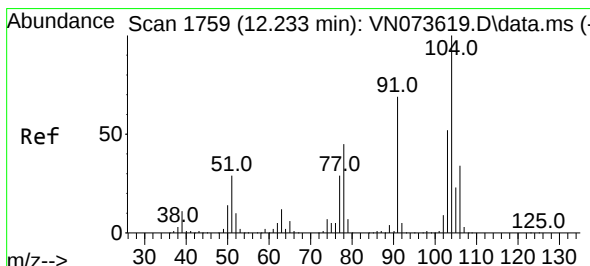
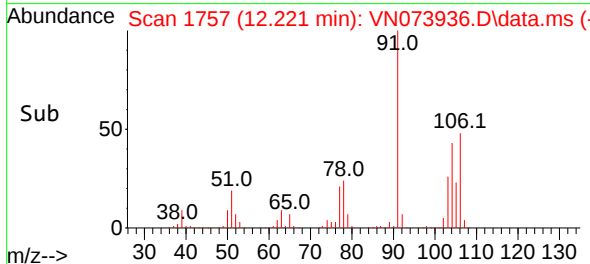
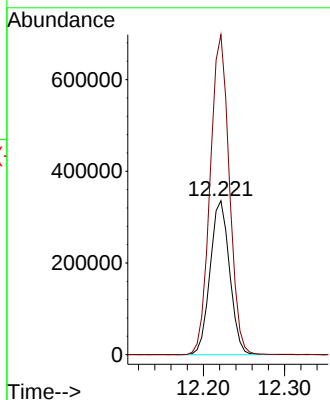
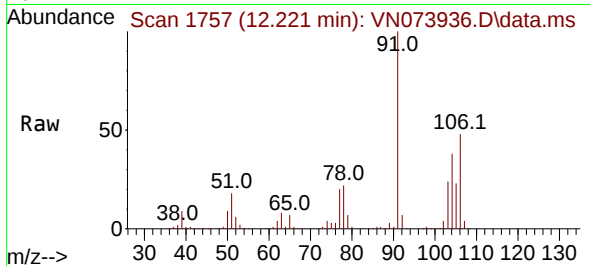
#69
o-Xylene
Concen: 53.644 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 558520
Ion Ratio Lower Upper
106 100
91 205.0 106.0 318.0

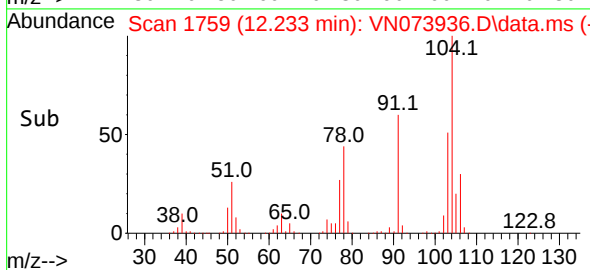
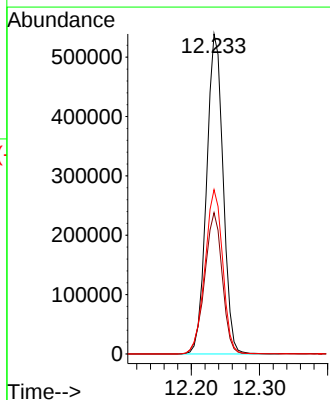
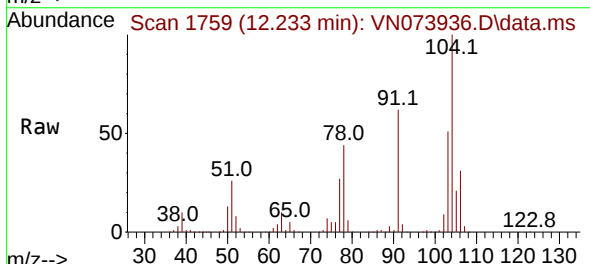
Manual Integrations
APPROVED

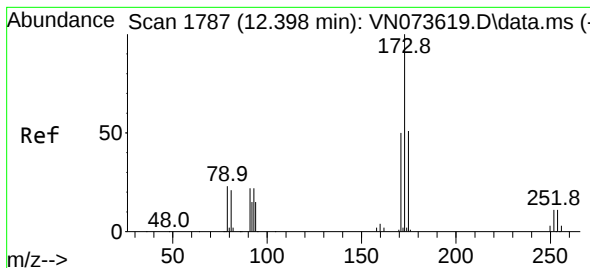
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#70
Styrene
Concen: 55.749 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

Tgt Ion:104 Resp: 908741
Ion Ratio Lower Upper
104 100
78 47.1 39.5 59.3
103 55.1 44.0 66.0





#71

Bromoform

Concen: 53.949 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. -0.000 min

Lab File: VN073936.D

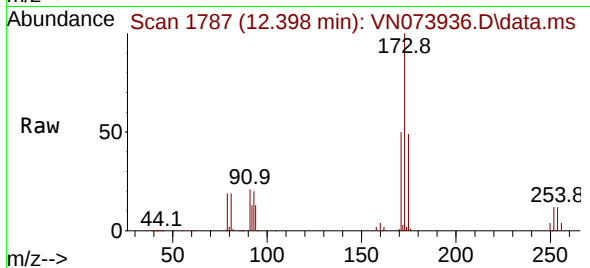
Acq: 16 Aug 2022 08:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:173 Resp: 28025

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.6

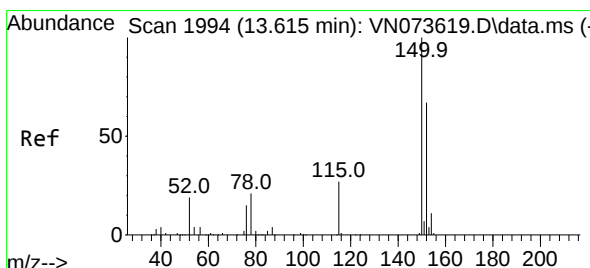
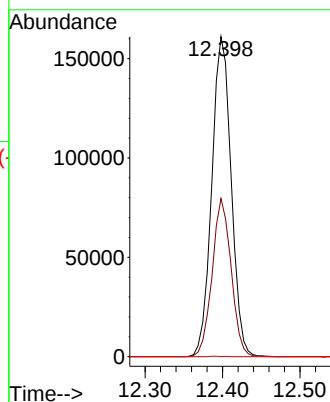
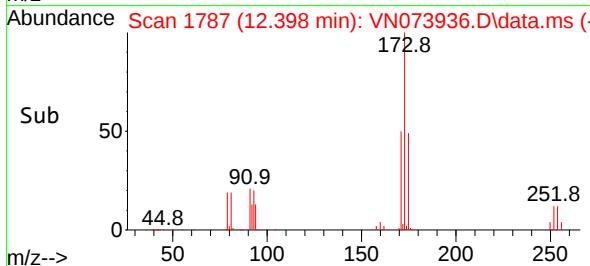
254 0.1 0.1 0.1

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: VN073936.D

Acq: 16 Aug 2022 08:37

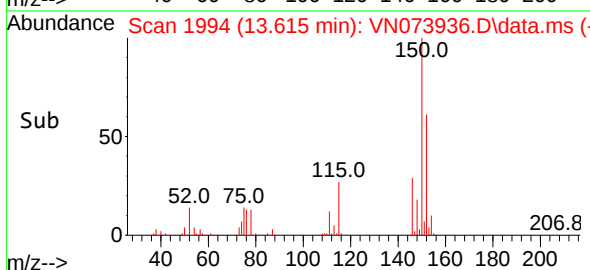
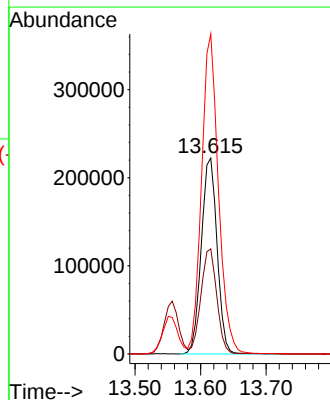
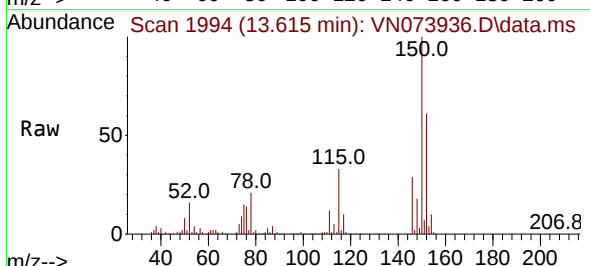
Tgt Ion:152 Resp: 374160

Ion Ratio Lower Upper

152 100

115 53.7 28.9 86.7

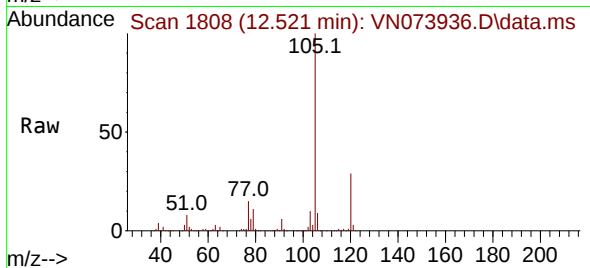
150 174.1 0.0 356.2





#73
Isopropylbenzene
Concen: 52.522 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

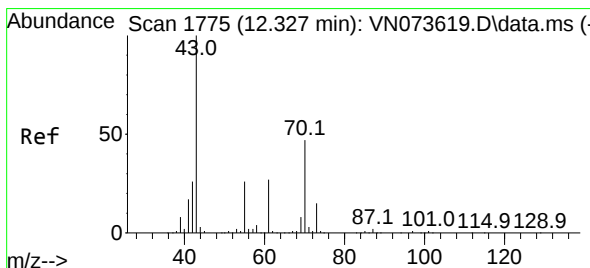
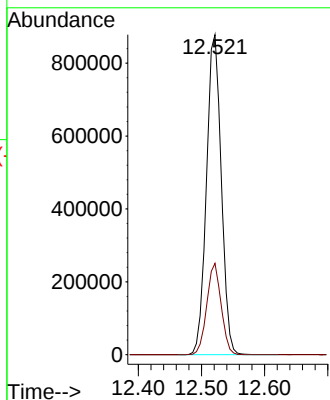
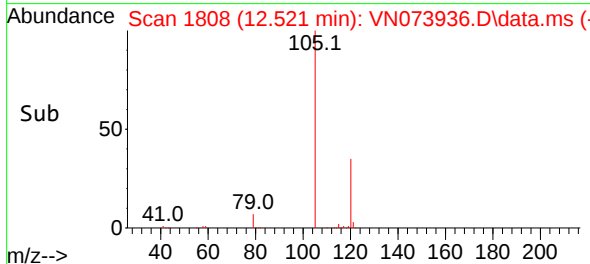
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 1430978
Ion Ratio Lower Upper
105 100
120 27.7 13.5 40.4

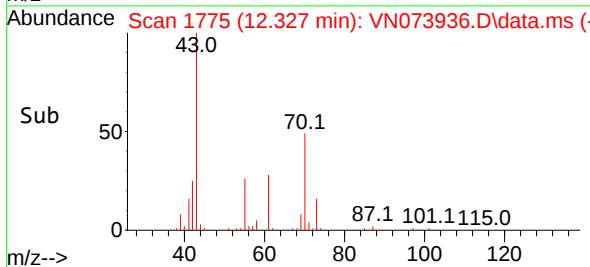
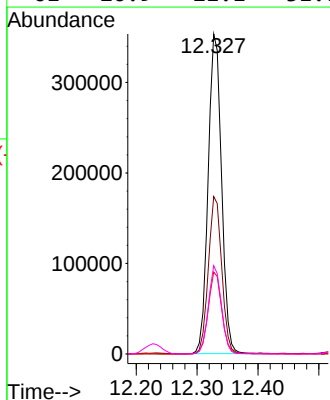
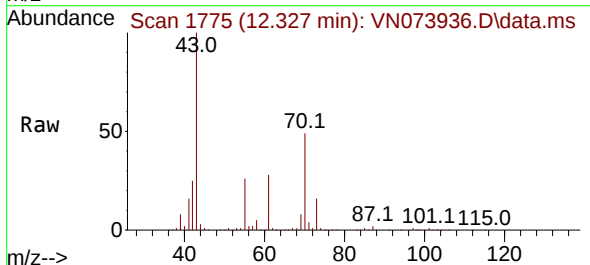
Manual Integrations
APPROVED

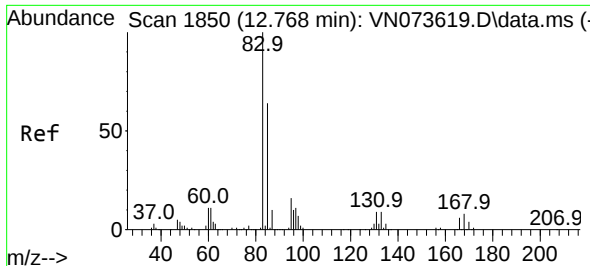
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#74
N-ethyl acetate
Concen: 52.467 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

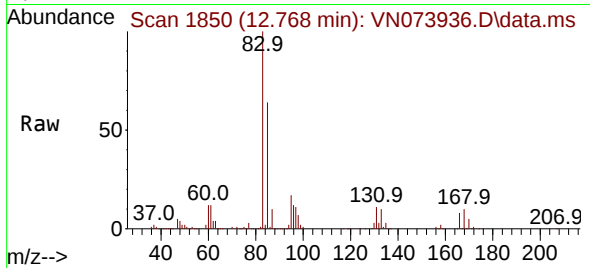
Tgt Ion: 43 Resp: 540401
Ion Ratio Lower Upper
43 100
70 49.3 39.0 58.4
55 25.9 21.1 31.7
61 26.9 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 52.030 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

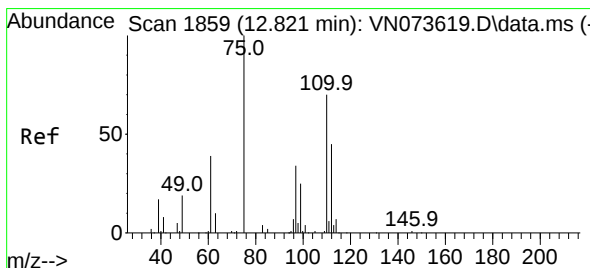
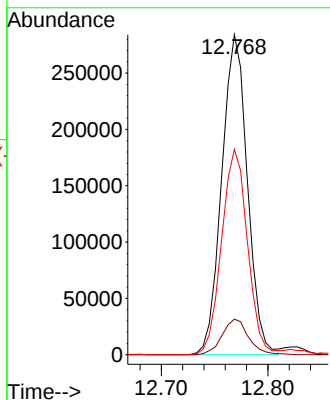
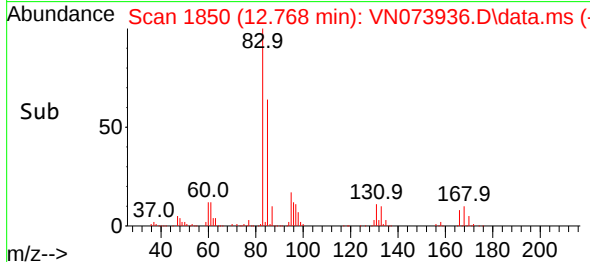
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 47570
Ion Ratio Lower Upper
83 100
131 11.4 5.3 15.9
85 64.6 32.3 96.9

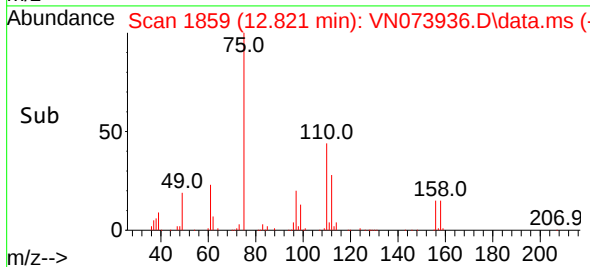
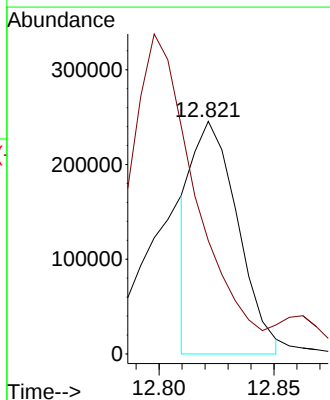
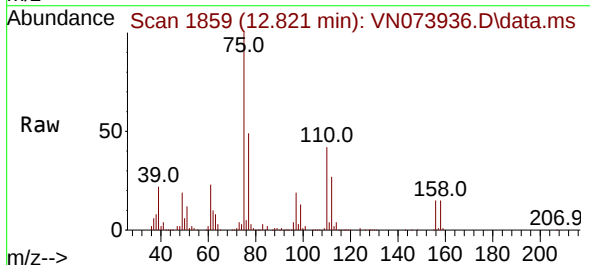
Manual Integrations
APPROVED

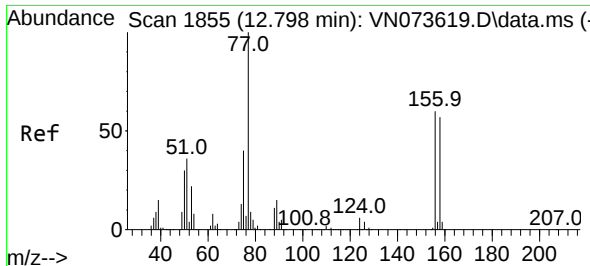
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#76
1,2,3-Trichloropropane
Concen: 43.592 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

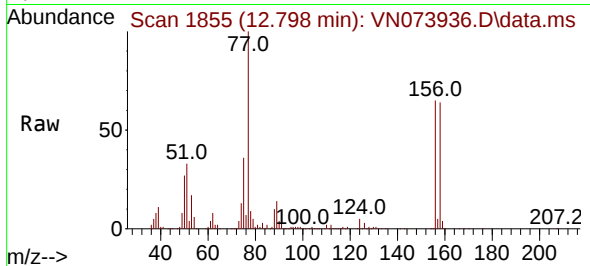
Tgt Ion: 75 Resp: 339006
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 51.306 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

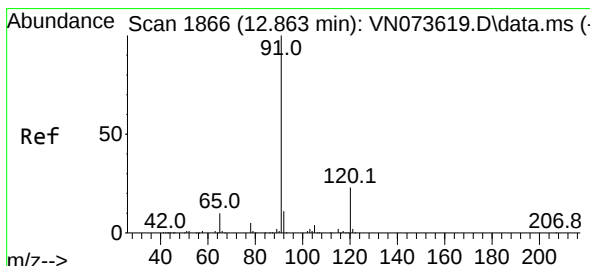
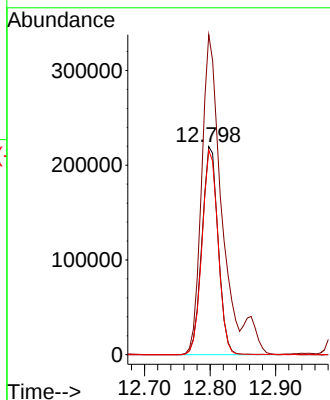
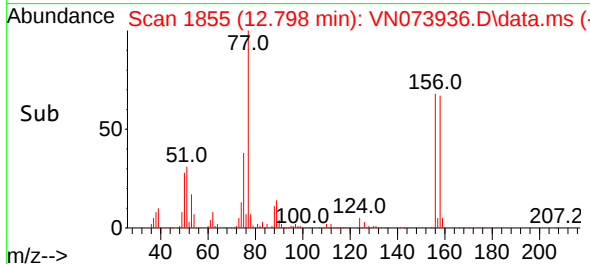
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



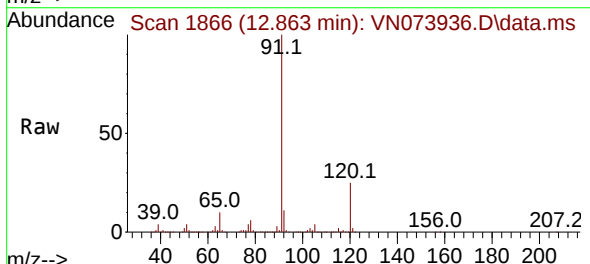
Tgt Ion: 156 Resp: 37836
Ion Ratio Lower Upper
156 100
77 180.5 100.5 301.5
158 97.4 48.9 146.6

Manual Integrations
APPROVED

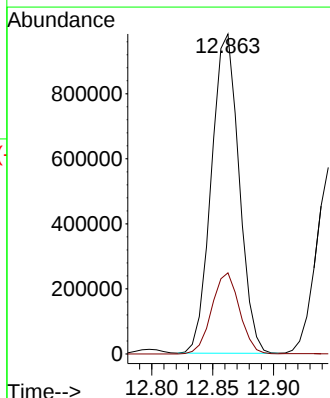
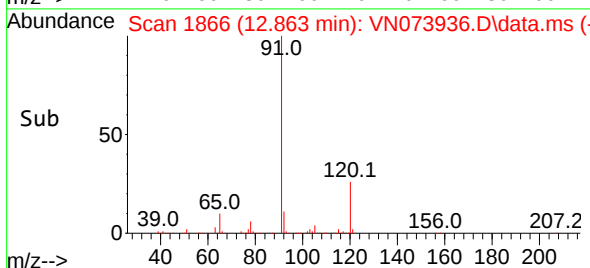
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

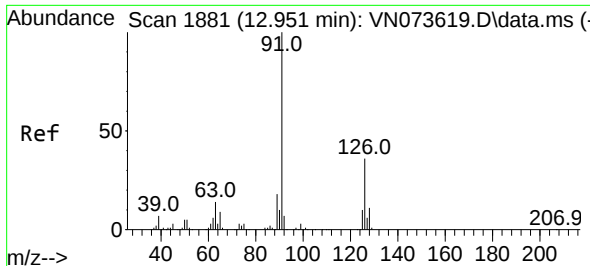


#78
n-propylbenzene
Concen: 53.535 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37



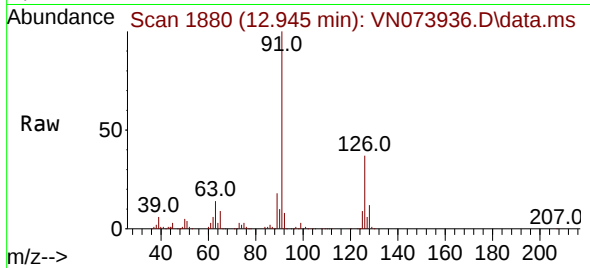
Tgt Ion: 91 Resp: 1554759
Ion Ratio Lower Upper
91 100
120 25.4 11.9 35.5





#79
2-Chlorotoluene
Concen: 52.333 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

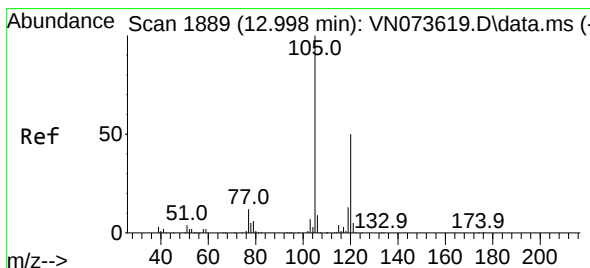
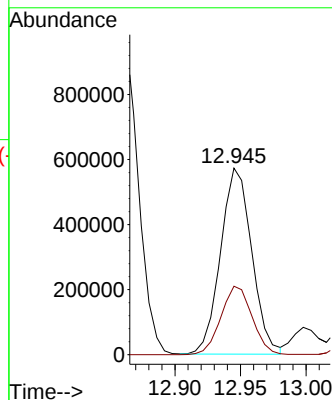
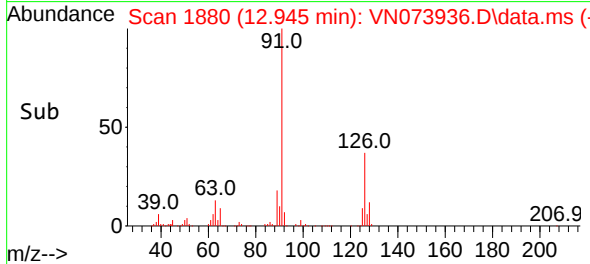
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



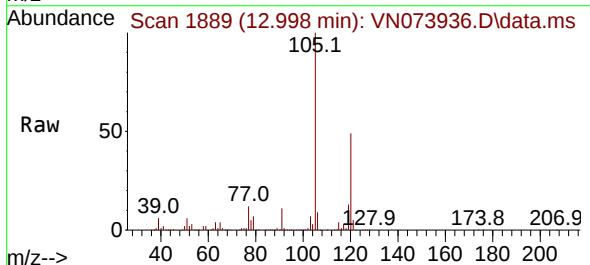
Tgt Ion: 91 Resp: 947138
Ion Ratio Lower Upper
91 100
126 36.8 17.3 51.9

Manual Integrations
APPROVED

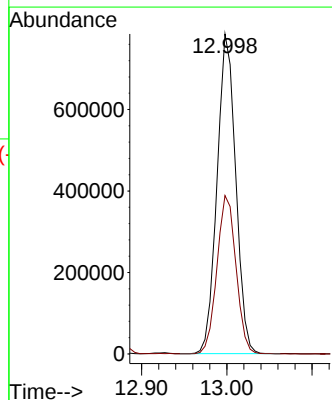
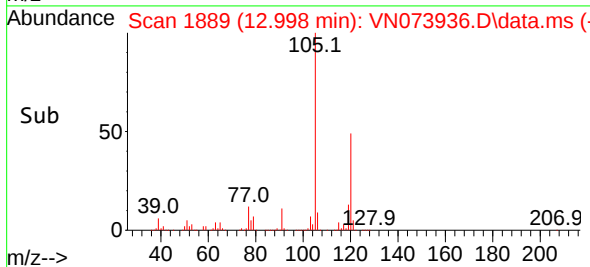
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

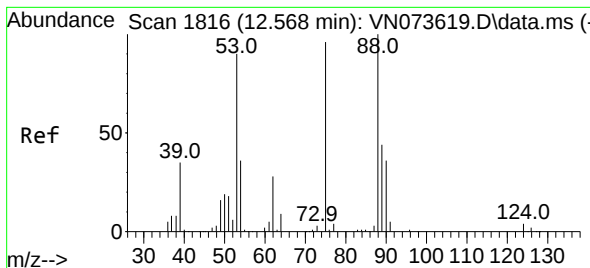


#80
1,3,5-Trimethylbenzene
Concen: 53.938 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37



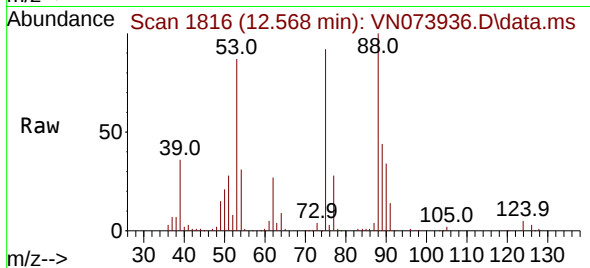
Tgt Ion:105 Resp: 1195306
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 43.988 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

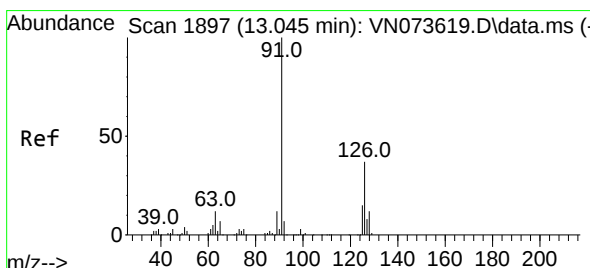
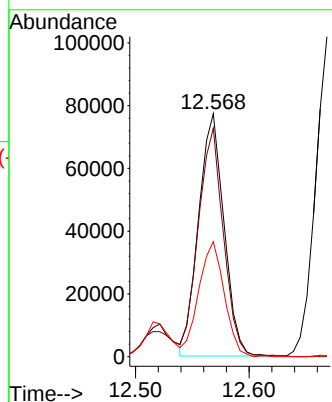
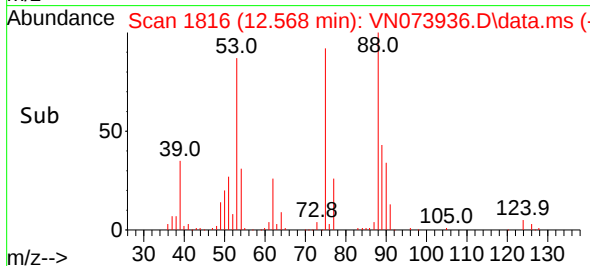
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 120270
Ion Ratio Lower Upper
75 100
53 93.7 78.0 117.0
89 47.9 37.2 55.8

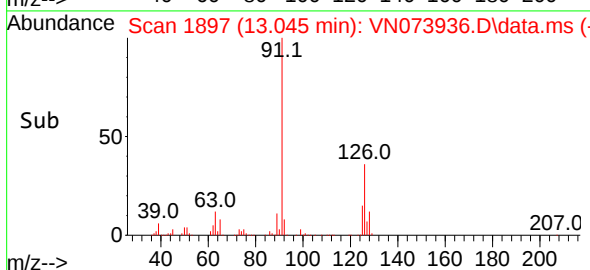
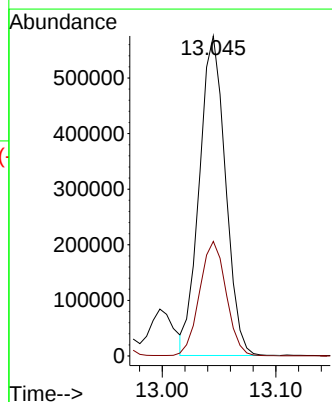
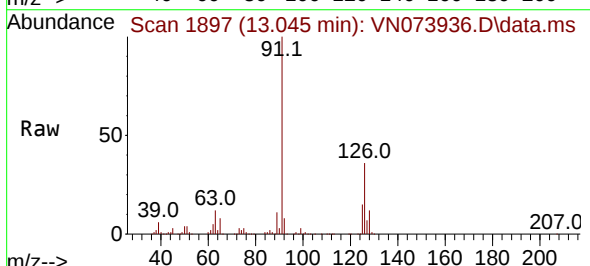
Manual Integrations
APPROVED

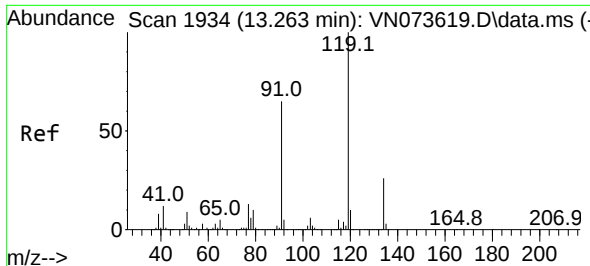
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#82
4-Chlorotoluene
Concen: 53.383 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

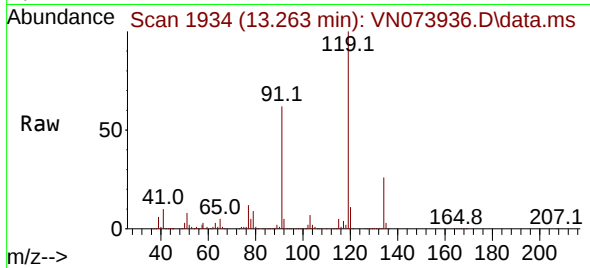
Tgt Ion: 91 Resp: 917621
Ion Ratio Lower Upper
91 100
126 36.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 53.338 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

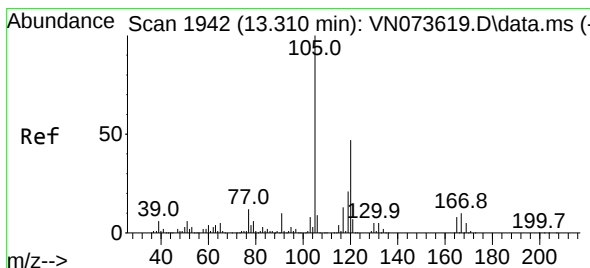
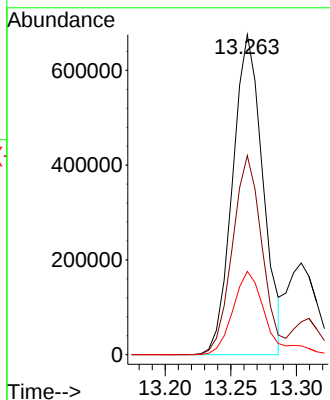
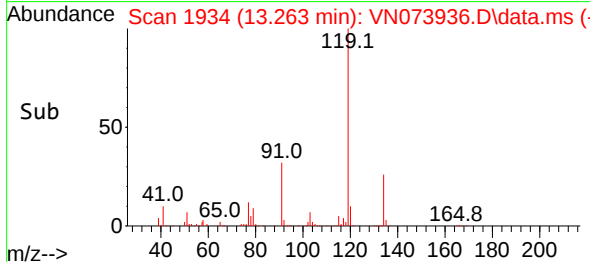
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



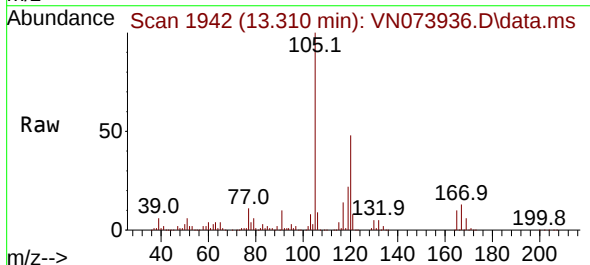
Tgt Ion:119 Resp: 1087710
Ion Ratio Lower Upper
119 100
91 61.3 31.6 94.8
134 28.2 13.7 41.1

Manual Integrations
APPROVED

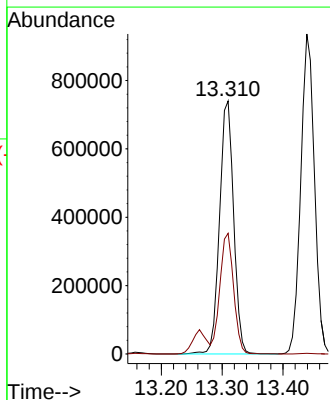
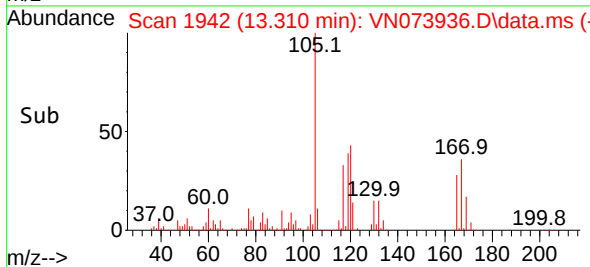
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#84
1,2,4-Trimethylbenzene
Concen: 53.619 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37



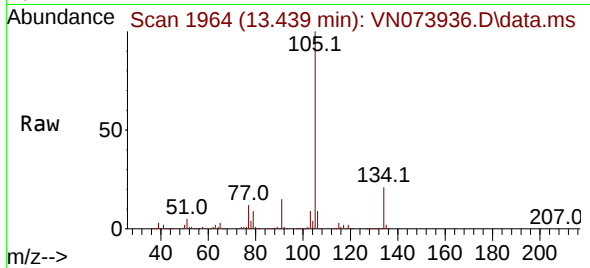
Tgt Ion:105 Resp: 1186595
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 55.151 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073936.D
 Acq: 16 Aug 2022 08:37

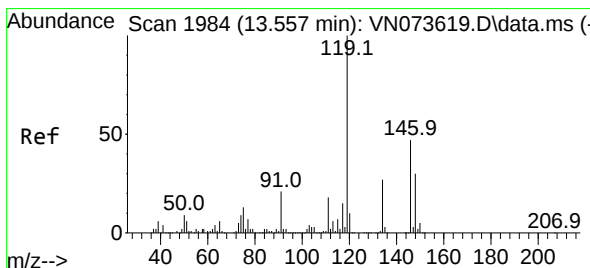
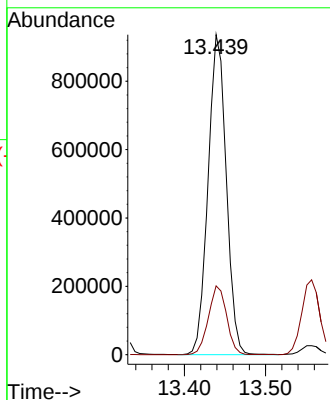
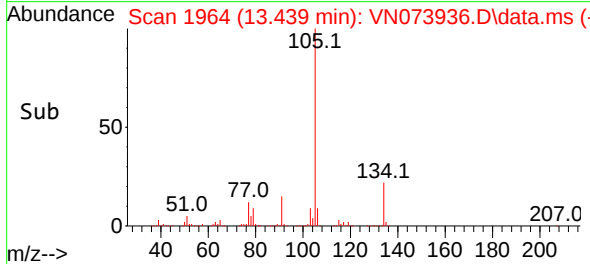
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



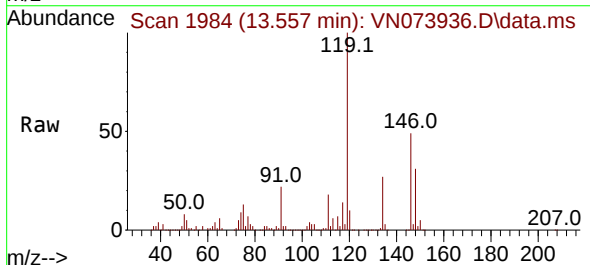
Tgt Ion:105 Resp: 1457858
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.4 31.1

Manual Integrations
 APPROVED

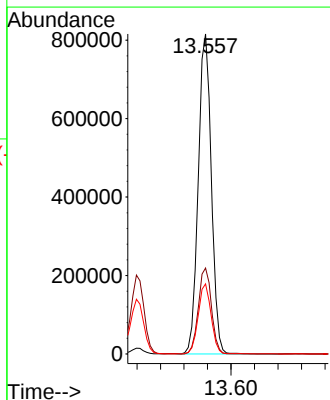
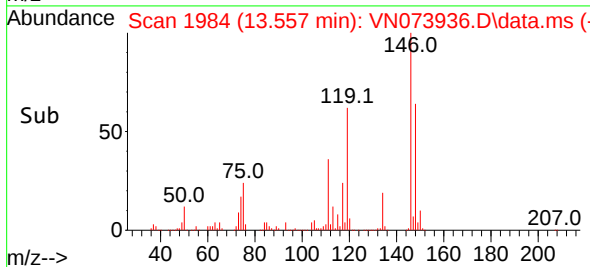
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022

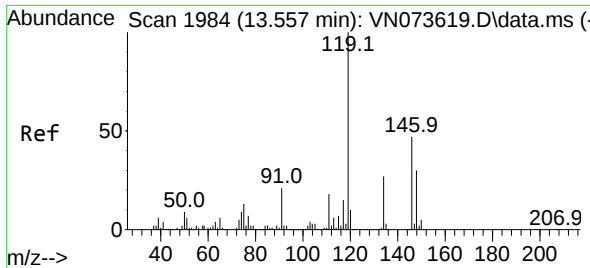


#86
 p-Isopropyltoluene
 Concen: 55.854 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073936.D
 Acq: 16 Aug 2022 08:37



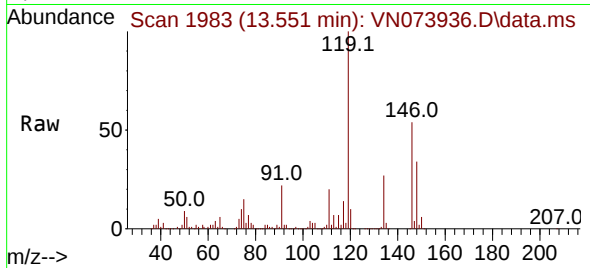
Tgt Ion:119 Resp: 1257803
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 21.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 52.299 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

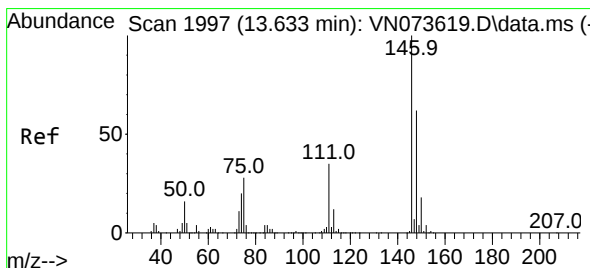
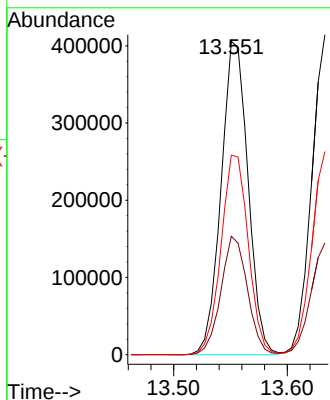
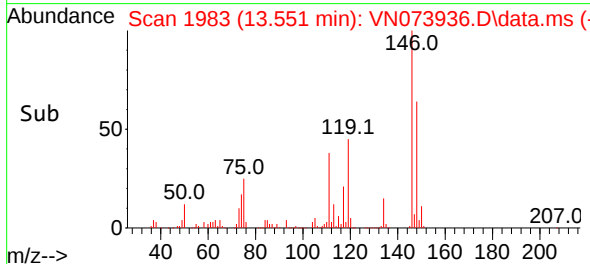
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



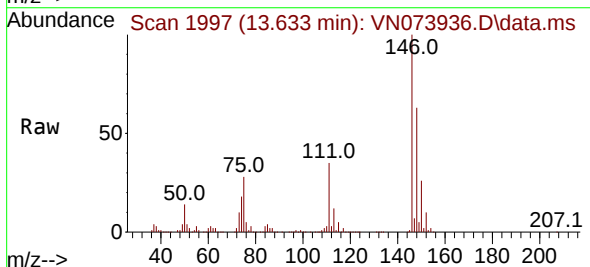
Tgt Ion:146 Resp: 668859
Ion Ratio Lower Upper
146 100
111 37.2 20.0 60.0
148 64.4 32.0 96.0

Manual Integrations
APPROVED

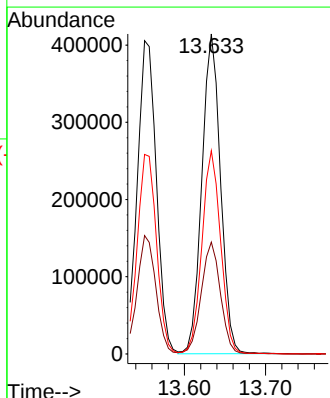
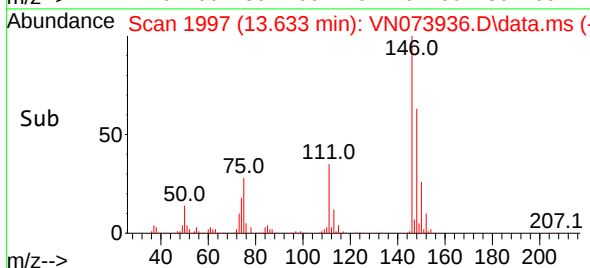
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

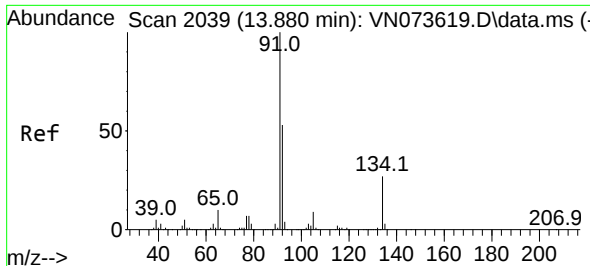


#88
1,4-Dichlorobenzene
Concen: 51.032 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37



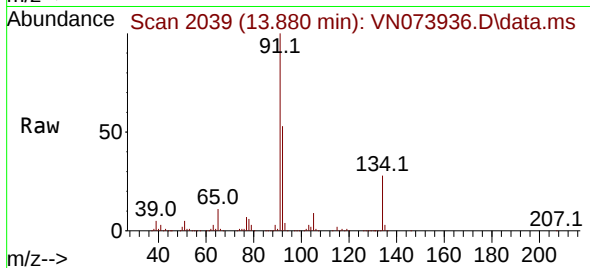
Tgt Ion:146 Resp: 661420
Ion Ratio Lower Upper
146 100
111 35.5 19.1 57.1
148 63.9 31.4 94.3





#89
n-Butylbenzene
Concen: 52.419 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

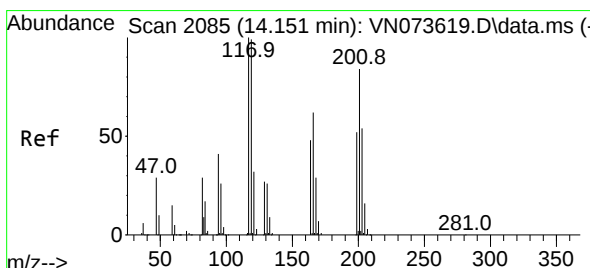
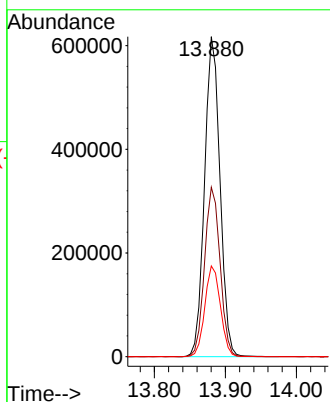
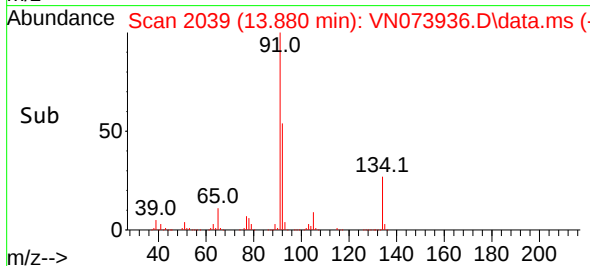
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 93500
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.7
134 28.7 13.6 40.8

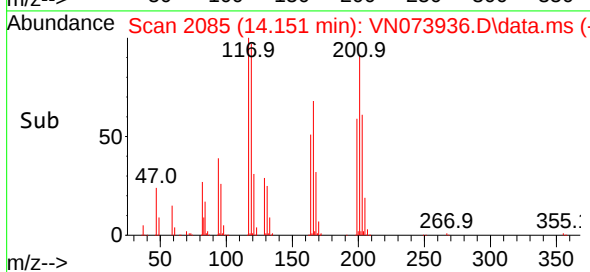
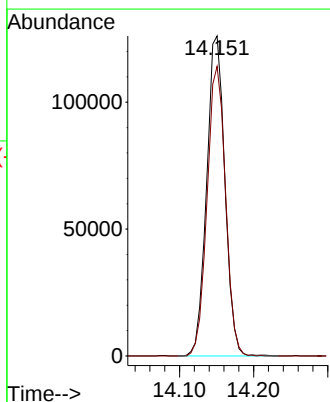
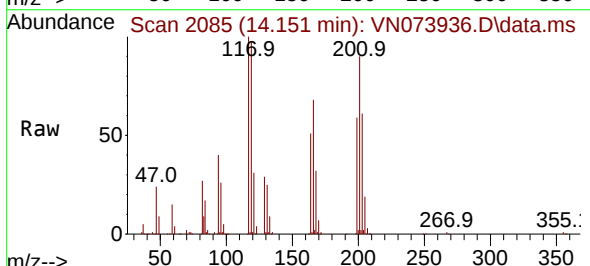
Manual Integrations
APPROVED

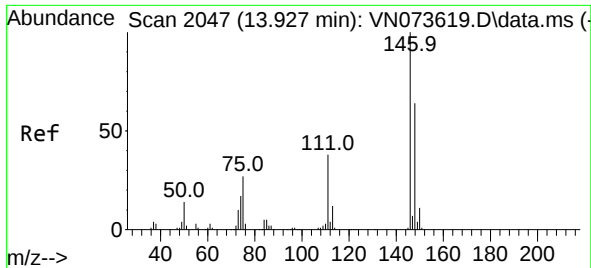
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#90
Hexachloroethane
Concen: 52.314 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

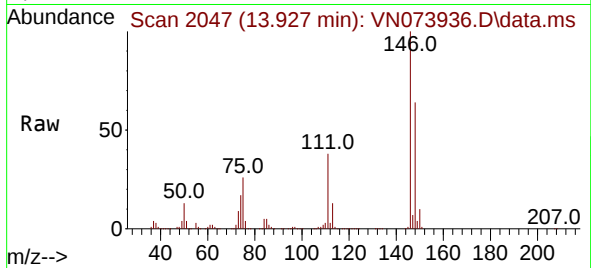
Tgt Ion:117 Resp: 215343
Ion Ratio Lower Upper
117 100
201 91.6 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 51.408 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

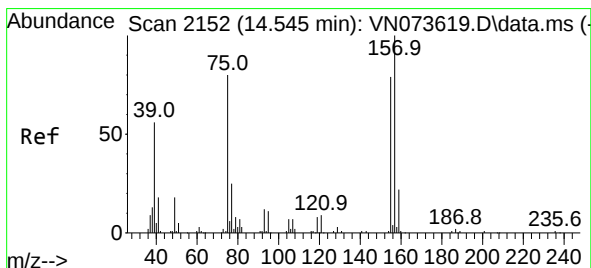
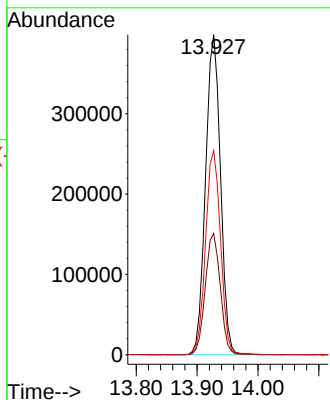
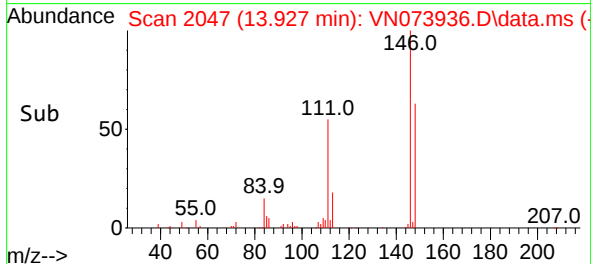
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 67892
Ion Ratio Lower Upper
146 100
111 38.2 20.9 62.8
148 63.9 32.1 96.3

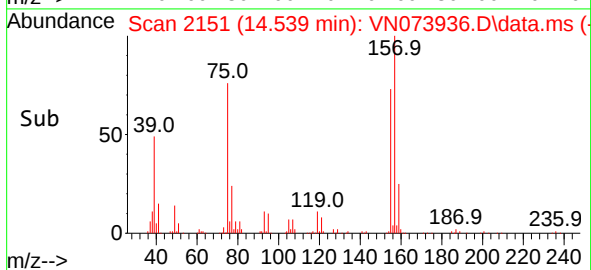
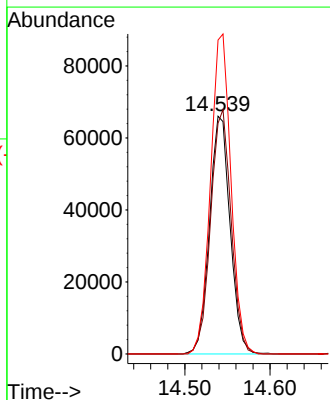
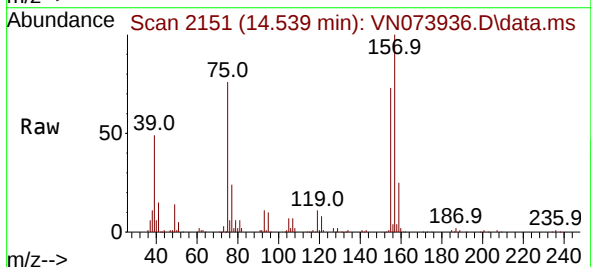
Manual Integrations
APPROVED

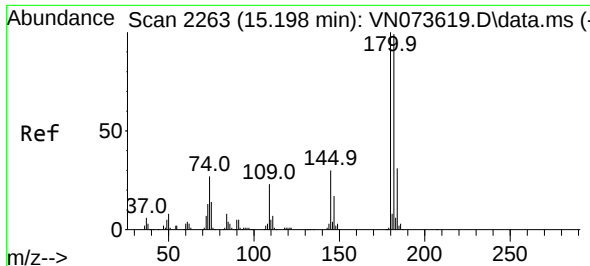
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.392 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

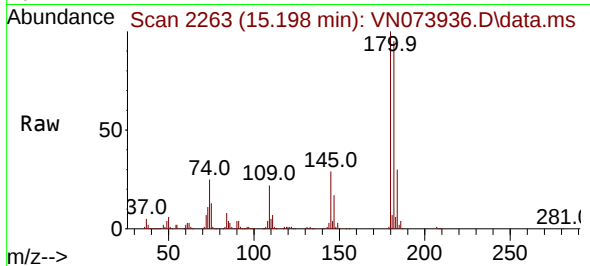
Tgt Ion: 75 Resp: 110941
Ion Ratio Lower Upper
75 100
155 102.0 44.9 134.5
157 133.3 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 52.236 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

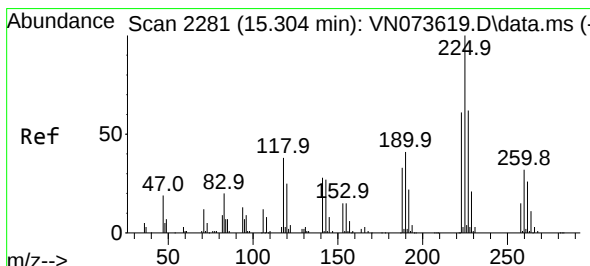
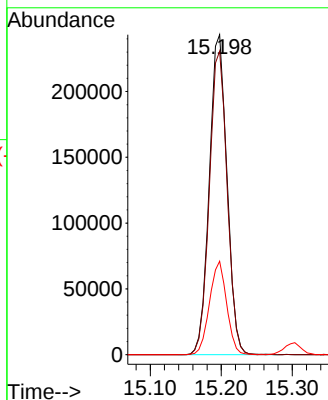
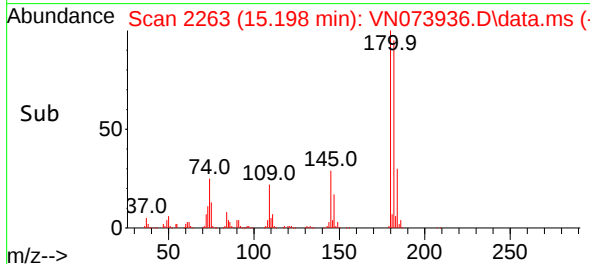
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



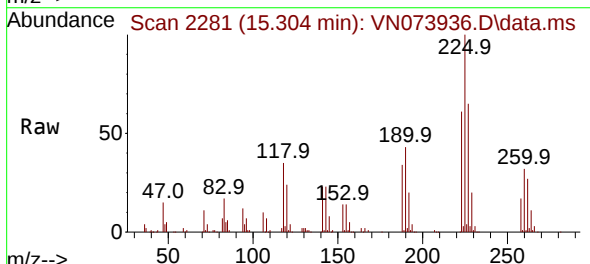
Tgt Ion:180 Resp: 41987
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.5
145 28.3 14.5 43.5

Manual Integrations
APPROVED

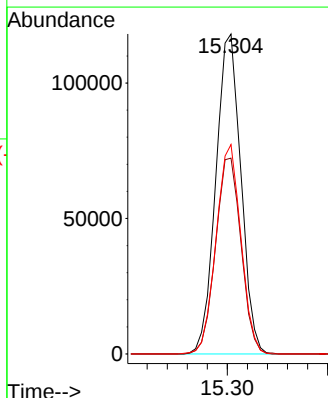
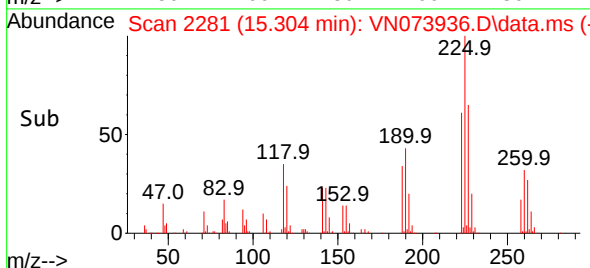
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

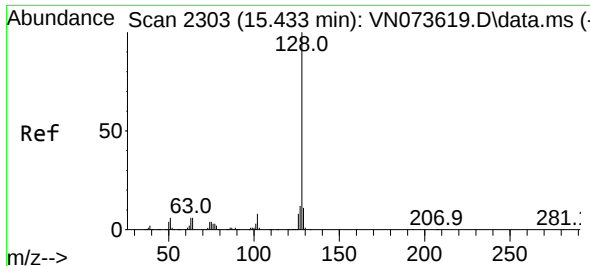


#94
Hexachlorobutadiene
Concen: 48.395 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37



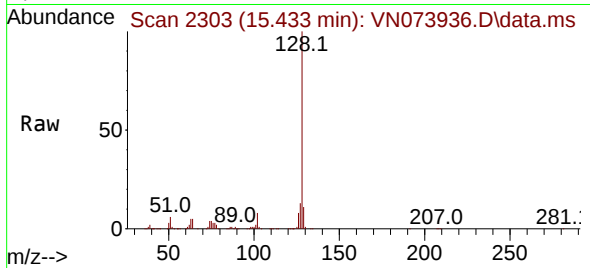
Tgt Ion:225 Resp: 205054
Ion Ratio Lower Upper
225 100
223 62.3 32.4 97.2
227 64.8 31.8 95.4





#95
Naphthalene
Concen: 54.644 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

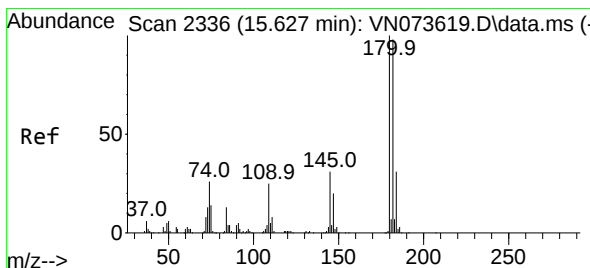
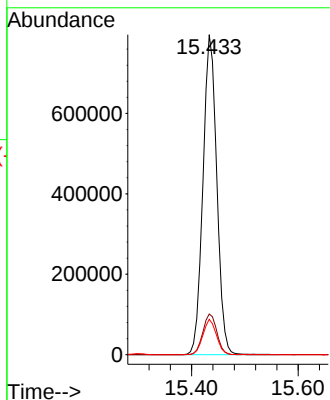
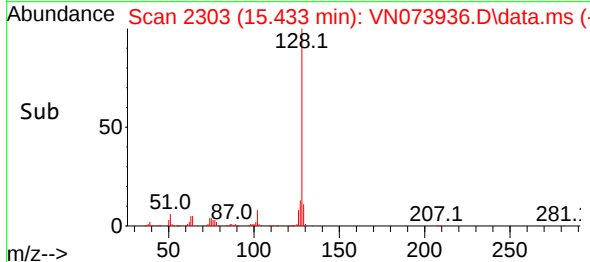
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 1431934
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 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: 52.343 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073936.D
Acq: 16 Aug 2022 08:37

Tgt Ion:180 Resp: 434875
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.3
145 30.0 15.5 46.5

