

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081322\
 Data File : VN073867.D
 Acq On : 13 Aug 2022 12:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 14 02:33:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/15/2022
 Supervised By : Mahesh Dadoda 08/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	514643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	727305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	671848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	356730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	275054	43.856	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.720%		
35) Dibromofluoromethane	7.945	113	245844	53.830	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.660%		
50) Toluene-d8	10.380	98	903138	50.253	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.500%		
62) 4-Bromofluorobenzene	12.668	95	334914	52.916	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	250790	50.242	ug/l	99
3) Chloromethane	2.269	50	252791	41.721	ug/l	95
4) Vinyl Chloride	2.404	62	337791	38.692	ug/l	100
5) Bromomethane	2.781	94	189764	37.479	ug/l	99
6) Chloroethane	2.946	64	228364	44.619	ug/l	100
7) Trichlorofluoromethane	3.304	101	438943	48.786	ug/l	99
8) Diethyl Ether	3.763	74	164843	48.794	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.134	101	256563	51.540	ug/l	93
10) Methyl Iodide	4.345	142	334023	66.005	ug/l	98
11) Tert butyl alcohol	5.287	59	339537	251.026	ug/l	100
12) 1,1-Dichloroethene	4.110	96	235008	48.130	ug/l	94
13) Acrolein	3.981	56	101278	75.527	ug/l	97
14) Allyl chloride	4.757	41	347805	44.553	ug/l	95
15) Acrylonitrile	5.469	53	820621	219.328	ug/l	99
16) Acetone	4.216	43	673941	200.065	ug/l	99
17) Carbon Disulfide	4.451	76	570289	44.049	ug/l	100
18) Methyl Acetate	4.769	43	380686	45.424	ug/l	96
19) Methyl tert-butyl Ether	5.528	73	885594	53.090	ug/l	95
20) Methylene Chloride	5.010	84	282624	51.948	ug/l	95
21) trans-1,2-Dichloroethene	5.510	96	256754	48.576	ug/l	93
22) Diisopropyl ether	6.410	45	770925	45.774	ug/l	96
23) Vinyl Acetate	6.345	43	3407056	241.284	ug/l	98
24) 1,1-Dichloroethane	6.298	63	461188	44.511	ug/l	97
25) 2-Butanone	7.257	43	1111045	212.381	ug/l	96
26) 2,2-Dichloropropane	7.245	77	424983	53.312	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	318980	48.981	ug/l	92
28) Bromochloromethane	7.581	49	173605	39.905	ug/l	83
29) Tetrahydrofuran	7.604	42	709819	214.607	ug/l	94
30) Chloroform	7.745	83	517660	47.952	ug/l	100
31) Cyclohexane	8.022	56	395850	42.394	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	464706	51.844	ug/l	96
36) 1,1-Dichloropropene	8.151	75	358365	55.056	ug/l	97
37) Ethyl Acetate	7.333	43	438928	51.203	ug/l	99
38) Carbon Tetrachloride	8.133	117	412124	62.340	ug/l	99
39) Methylcyclohexane	9.392	83	482450	62.025	ug/l	94
40) Benzene	8.386	78	1121971	53.081	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	205627	53.011	ug/l	97
42) 1,2-Dichloroethane	8.463	62	397888	55.855	ug/l	99
43) Isopropyl Acetate	8.492	43	652287	56.336	ug/l	97
44) Trichloroethene	9.151	130	328904	61.362	ug/l	94
45) 1,2-Dichloropropane	9.427	63	276938	52.418	ug/l	98
46) Dibromomethane	9.510	93	214689	58.549	ug/l	92
47) Bromodichloromethane	9.698	83	408539	58.050	ug/l	96
48) Methyl methacrylate	9.498	41	288956	57.014	ug/l	89
49) 1,4-Dioxane	9.504	88	159709	1117.894	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	2203842	265.379	ug/l	99
52) Toluene	10.439	92	764806	59.238	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	455588	65.528	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	482461	61.580	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	312705	58.082	ug/l	98
56) Ethyl methacrylate	10.698	69	493812	66.549	ug/l	97
57) 1,3-Dichloropropane	10.986	76	511370	55.983	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	1110067	281.400	ug/l	95
59) 2-Hexanone	11.027	43	1699357	270.090	ug/l	99
60) Dibromochloromethane	11.180	129	365788	68.295	ug/l	99
61) 1,2-Dibromoethane	11.286	107	345855	62.374	ug/l	99
64) Tetrachloroethene	10.916	164	310472	58.148	ug/l	94
65) Chlorobenzene	11.710	112	858481	60.158	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	333342	65.124	ug/l	98
67) Ethyl Benzene	11.786	91	1454667	60.422	ug/l	95
68) m/p-Xylenes	11.892	106	1177713	128.259	ug/l	96
69) o-Xylene	12.221	106	585286	65.380	ug/l	94
70) Styrene	12.233	104	959162	66.932	ug/l	98
71) Bromoform	12.398	173	308626	73.050	ug/l #	100
73) Isopropylbenzene	12.515	105	1508981	57.785	ug/l	99
74) N-amyl acetate	12.327	43	564663	57.231	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	486820	48.311	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	340585m	52.263	ug/l	
77) Bromobenzene	12.798	156	400621	58.911	ug/l	90
78) n-propylbenzene	12.857	91	1668288	56.778	ug/l	97
79) 2-Chlorotoluene	12.945	91	1004092	54.753	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	1273977	59.283	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	165070	59.967	ug/l	96
82) 4-Chlorotoluene	13.045	91	970928	55.862	ug/l	95
83) tert-Butylbenzene	13.263	119	1153658	60.608	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	1263704	59.804	ug/l	99
85) sec-Butylbenzene	13.439	105	1573809	59.822	ug/l	97
86) p-Isopropyltoluene	13.557	119	1370341	66.075	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	726427	58.522	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	720124	57.982	ug/l	98
89) n-Butylbenzene	13.880	91	1073342	63.607	ug/l	98
90) Hexachloroethane	14.151	117	230315	55.972	ug/l	86
91) 1,2-Dichlorobenzene	13.927	146	729008	57.957	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	118561	58.559	ug/l	84
93) 1,2,4-Trichlorobenzene	15.198	180	486583	77.898	ug/l	99
94) Hexachlorobutadiene	15.298	225	239090	70.407	ug/l	99
95) Naphthalene	15.433	128	1611865	79.520	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	501633	76.303	ug/l	98

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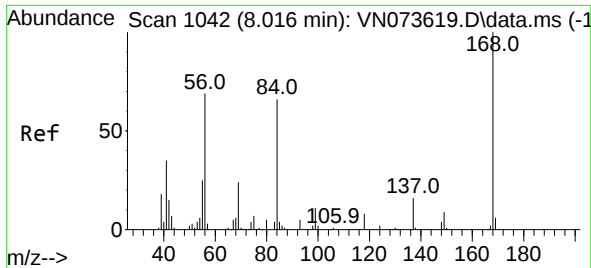
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/16/2022

Quant Time: Aug 14 02:33:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 05:09:32 2022
Response via : Initial Calibration

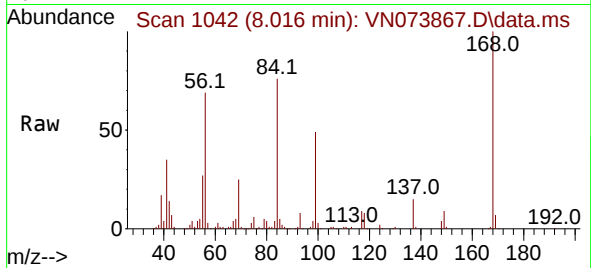
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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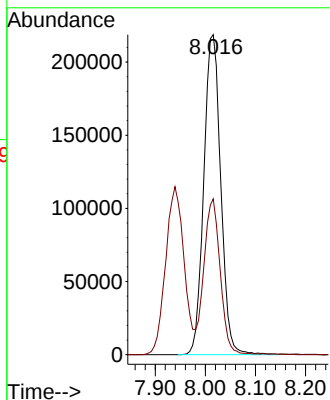
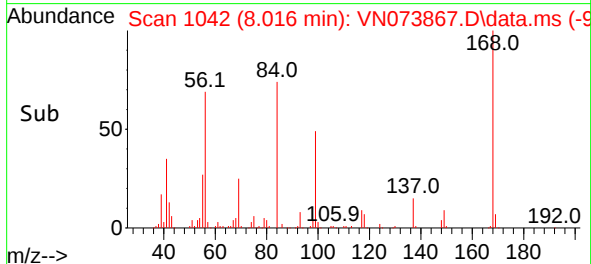
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



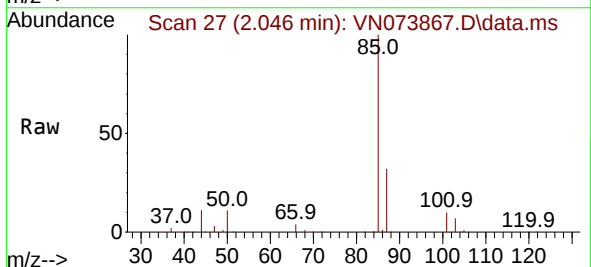
Tgt Ion:168 Resp: 51464
Ion Ratio Lower Upper
168 100
99 48.6 42.3 63.5

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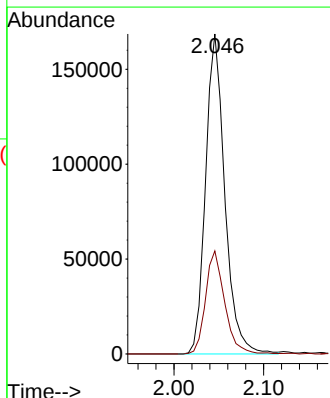
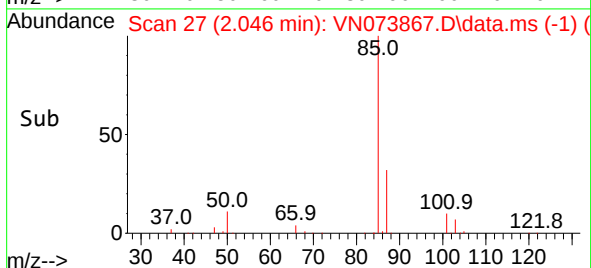
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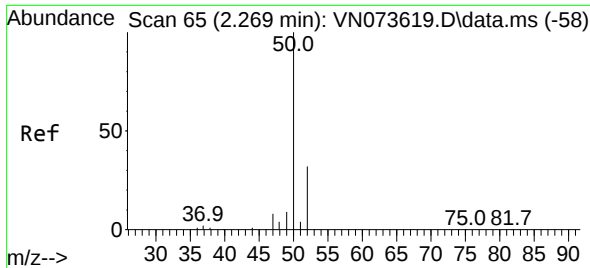


#2
Dichlorodifluoromethane
Concen: 50.242 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57



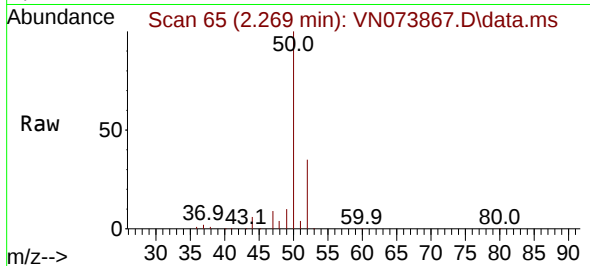
Tgt Ion: 85 Resp: 250790
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.1





#3
Chloromethane
Concen: 41.721 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

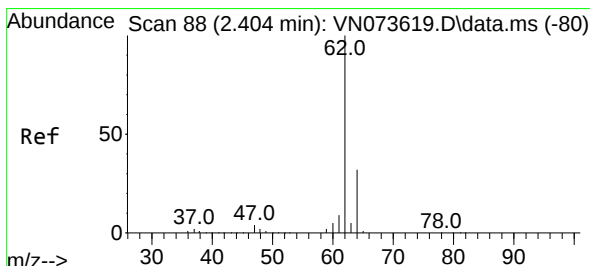
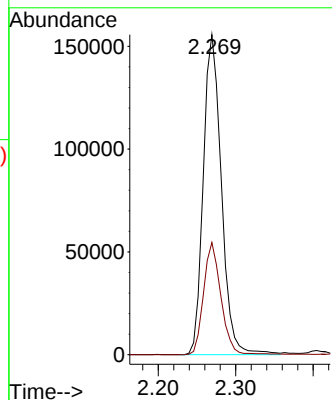
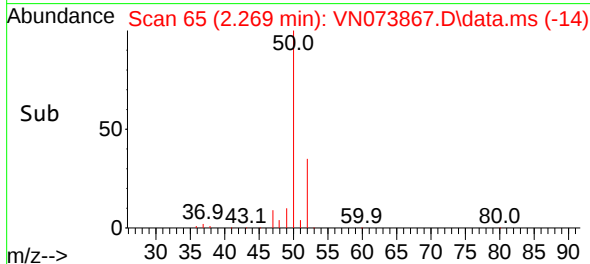
Instrument :
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Tgt Ion: 50 Resp: 252791
Ion Ratio Lower Upper
50 100
52 35.1 25.7 38.5

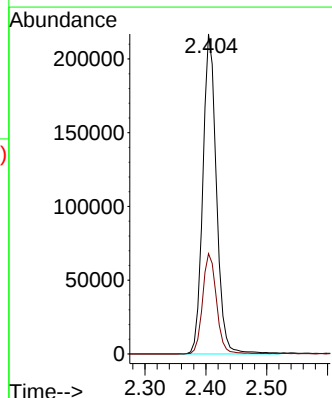
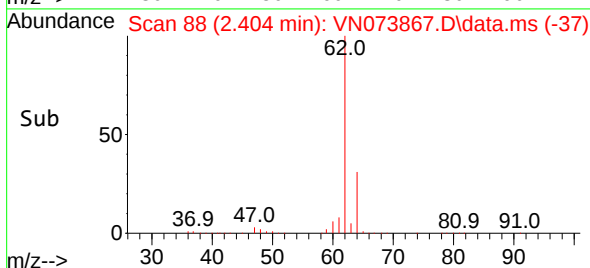
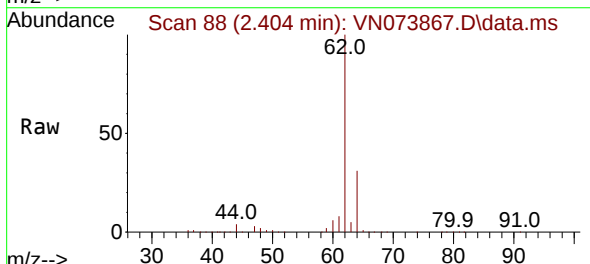
Manual Integrations
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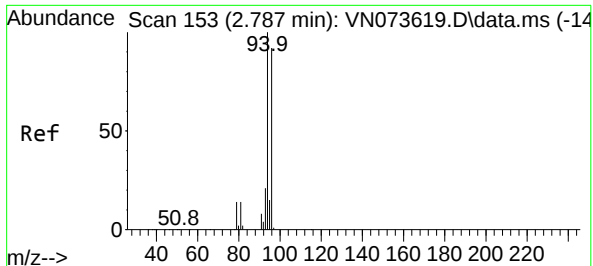
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#4
Vinyl Chloride
Concen: 38.692 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

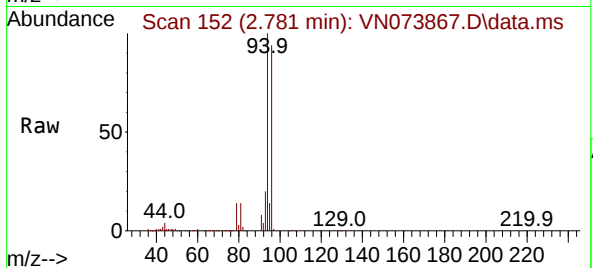
Tgt Ion: 62 Resp: 337791
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.4





#5
Bromomethane
Concen: 37.479 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

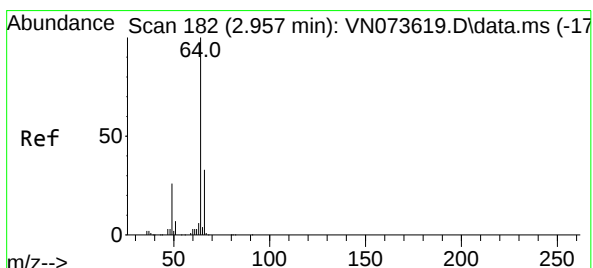
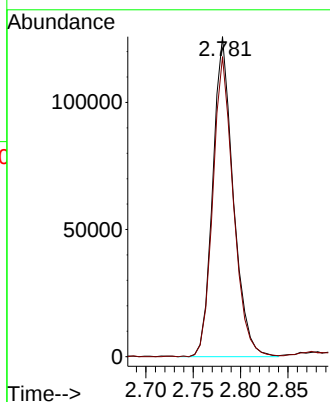
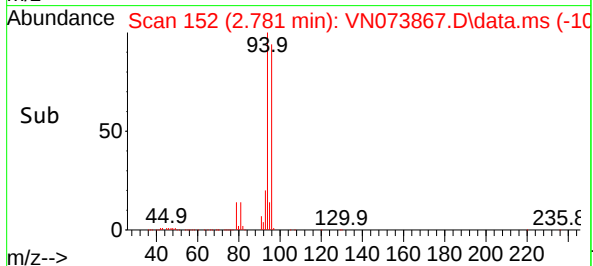
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 189764
Ion Ratio Lower Upper
94 100
96 93.7 76.0 114.0

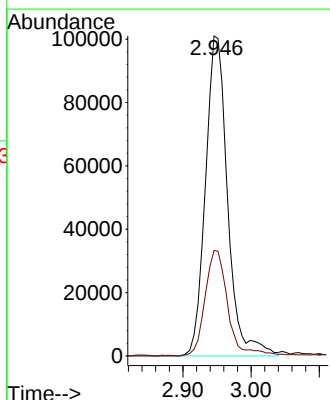
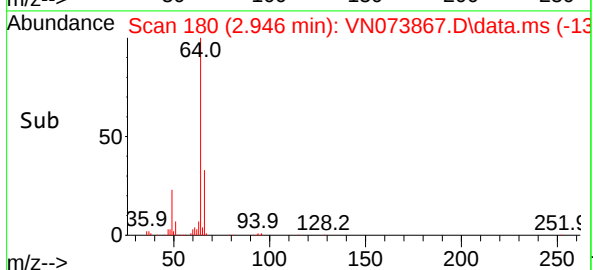
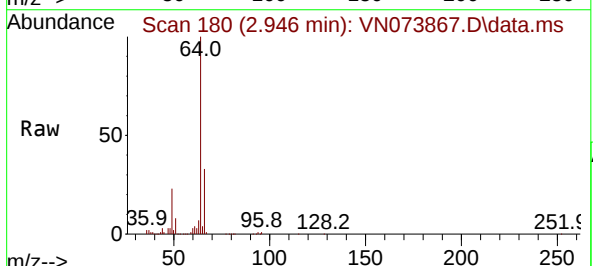
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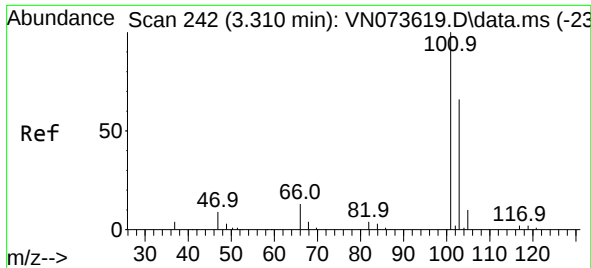
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#6
Chloroethane
Concen: 44.619 ug/l
RT: 2.946 min Scan# 180
Delta R.T. -0.011 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

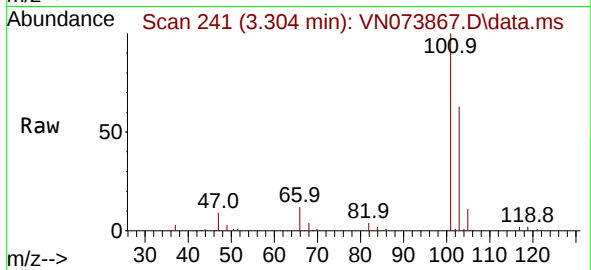
Tgt Ion: 64 Resp: 228364
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 48.786 ug/l
 RT: 3.304 min Scan# 242
 Delta R.T. -0.006 min
 Lab File: VN073867.D
 Acq: 13 Aug 2022 12:57

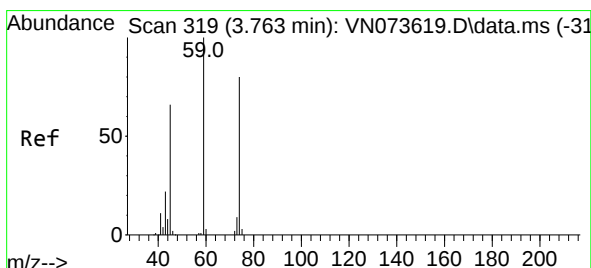
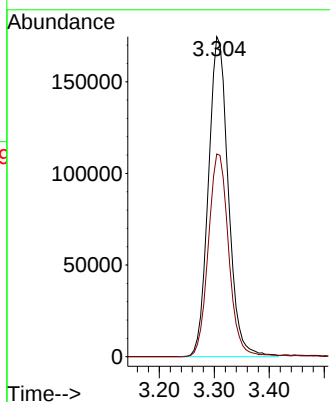
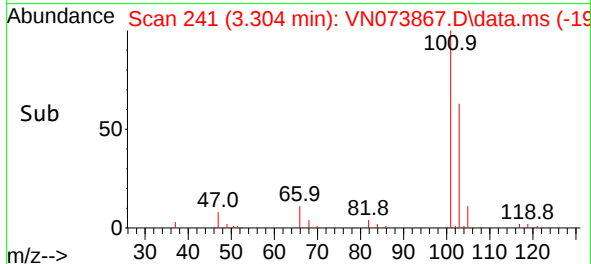
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 43894
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.5 77.3

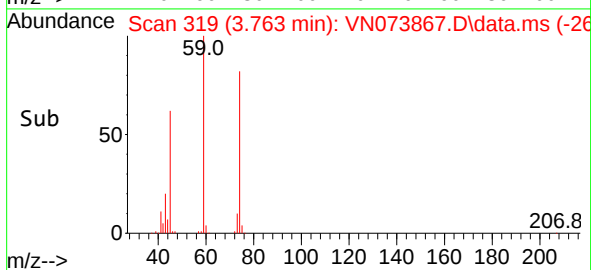
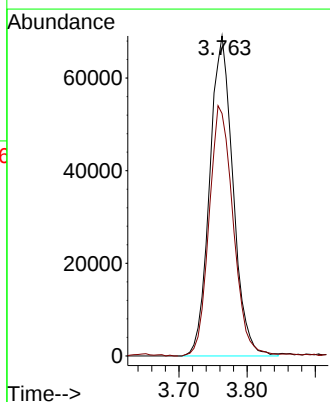
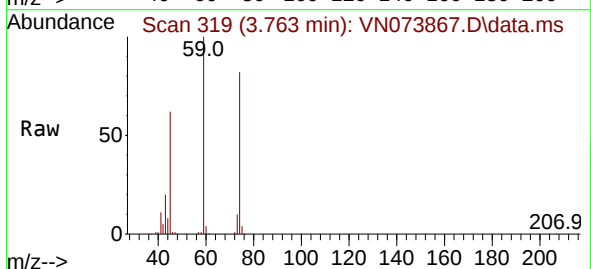
Manual Integrations
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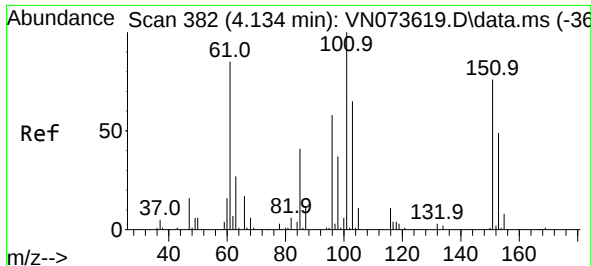
Reviewed By :John Carlone 08/15/2022
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#8
 Diethyl Ether
 Concen: 48.794 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 164843
 Ion Ratio Lower Upper
 74 100
 45 80.5 42.9 128.5





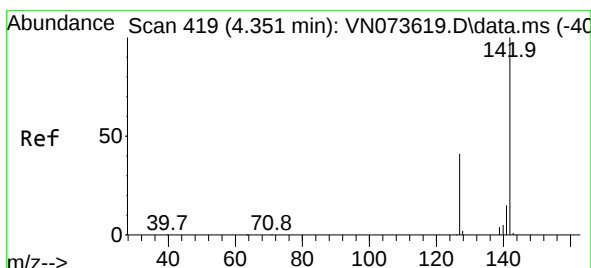
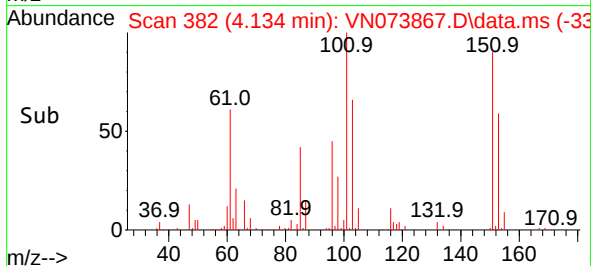
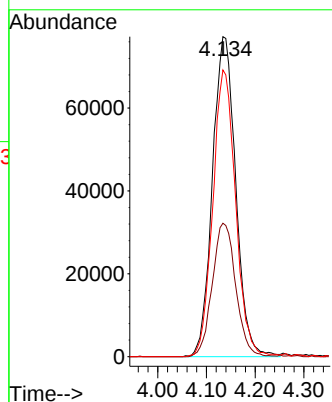
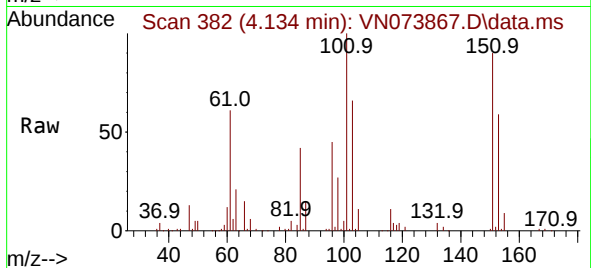
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.540 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 25656
Ion Ratio Lower Upper
101 100
85 42.0 34.7 52.1
151 87.7 63.0 94.4

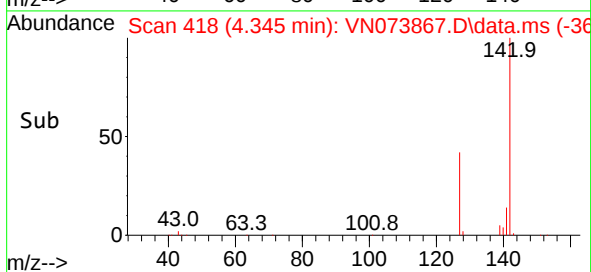
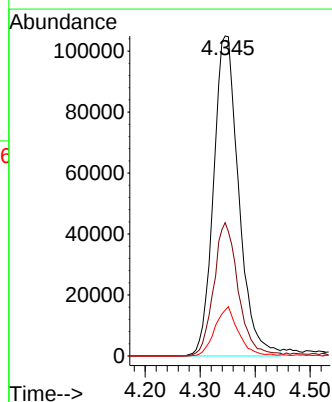
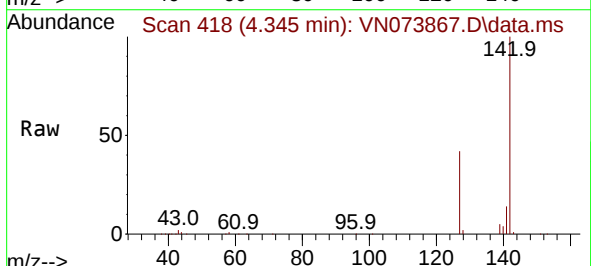
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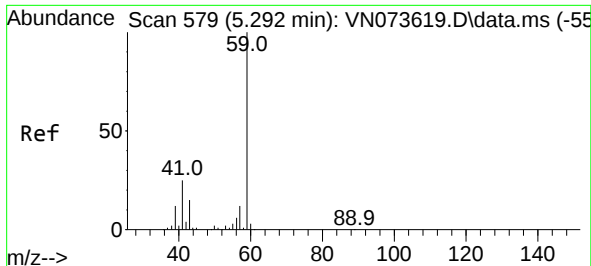
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#10
Methyl Iodide
Concen: 66.005 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Tgt Ion:142 Resp: 334023
Ion Ratio Lower Upper
142 100
127 40.6 31.3 46.9
141 14.4 11.2 16.8





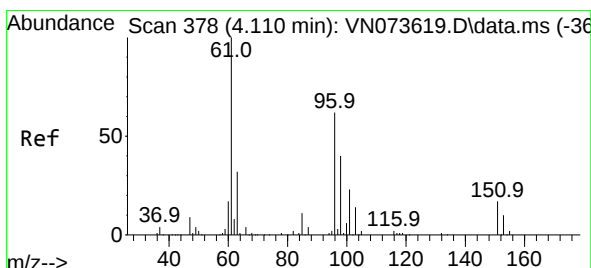
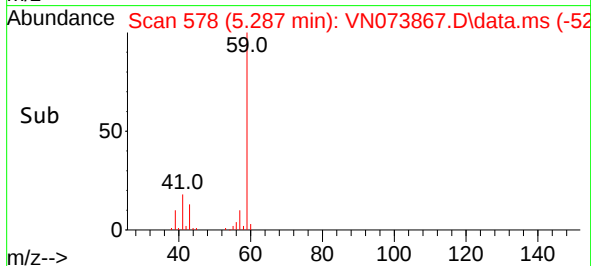
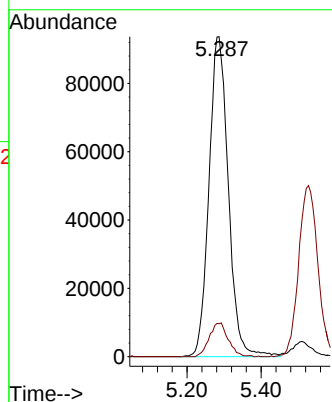
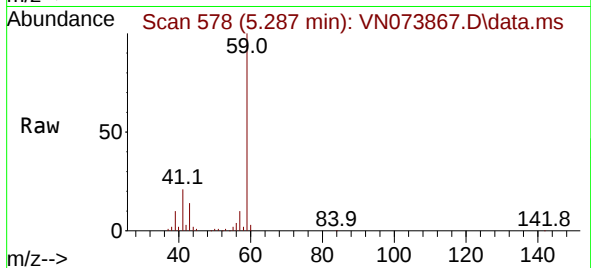
#11
Tert butyl alcohol
Concen: 251.026 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.005 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 33953
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

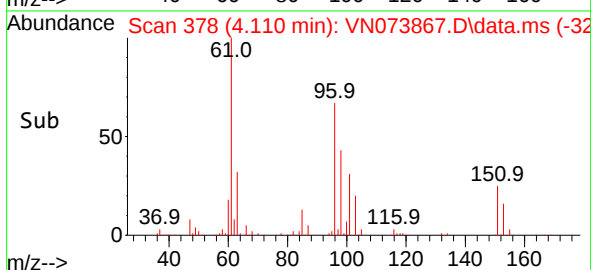
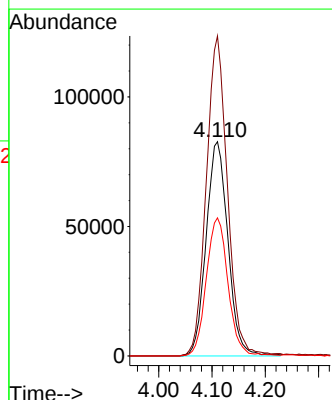
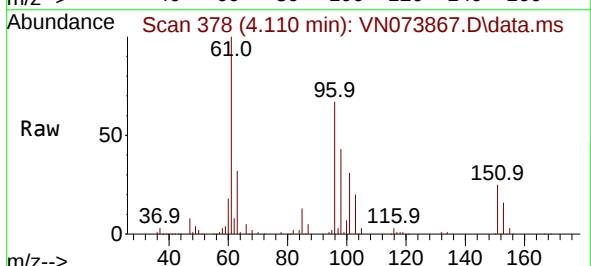
Manual Integrations
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Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#12
1,1-Dichloroethene
Concen: 48.130 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

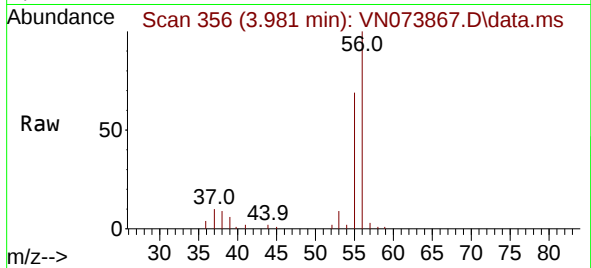
Tgt Ion: 96 Resp: 235008
Ion Ratio Lower Upper
96 100
61 149.4 127.6 191.4
98 64.5 51.2 76.8





#13
Acrolein
Concen: 75.527 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

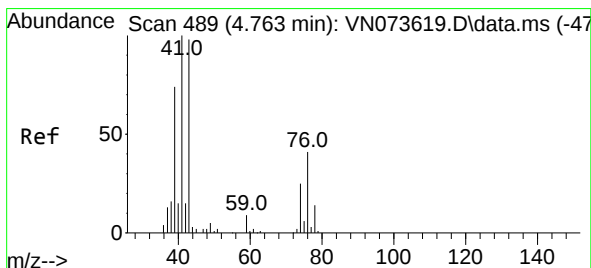
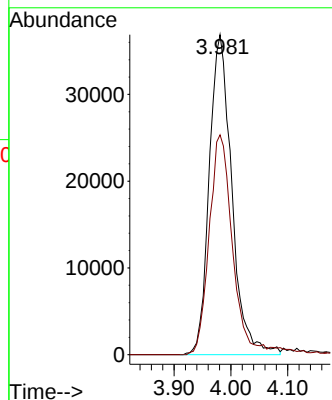
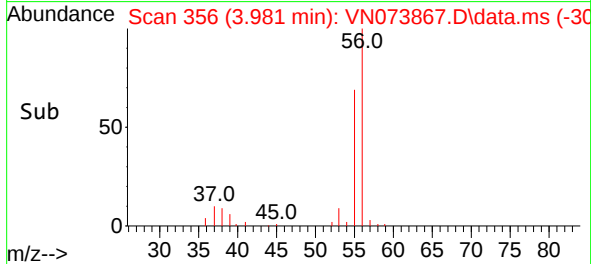
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 101278
Ion Ratio Lower Upper
56 100
55 70.9 54.8 82.2

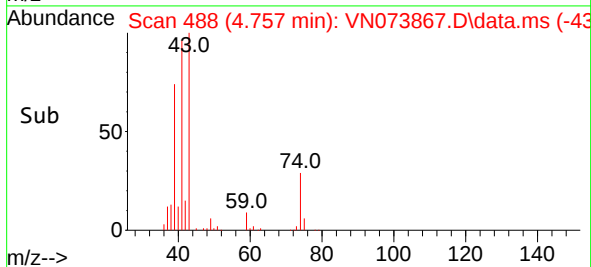
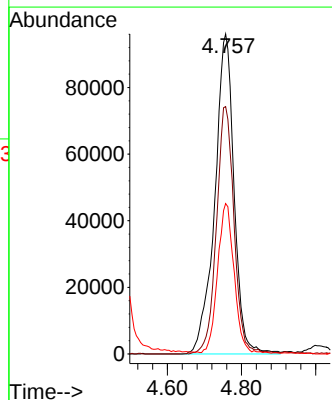
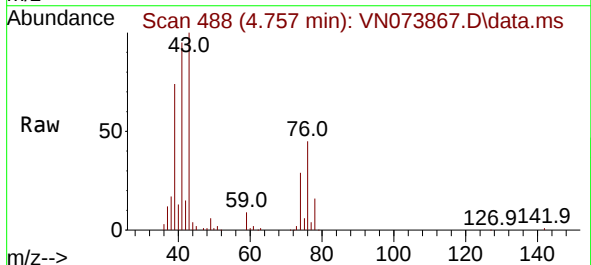
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Supervised By :Mahesh Dadoda 08/16/2022



#14
Allyl chloride
Concen: 44.553 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Tgt Ion: 41 Resp: 347805
Ion Ratio Lower Upper
41 100
39 70.5 53.2 79.8
76 39.9 29.9 44.9





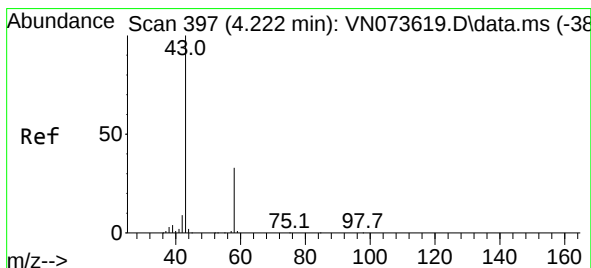
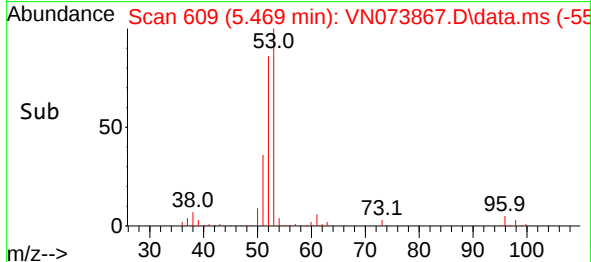
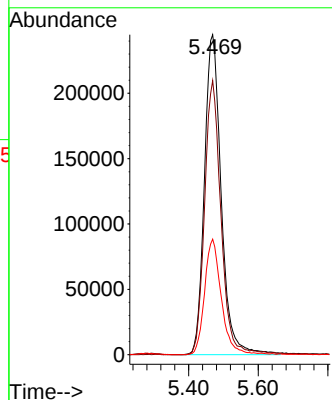
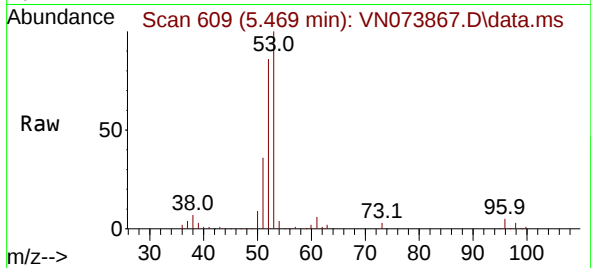
#15
Acrylonitrile
Concen: 219.328 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 82062
Ion Ratio Lower Upper
53 100
52 83.4 66.4 99.6
51 36.1 28.5 42.7

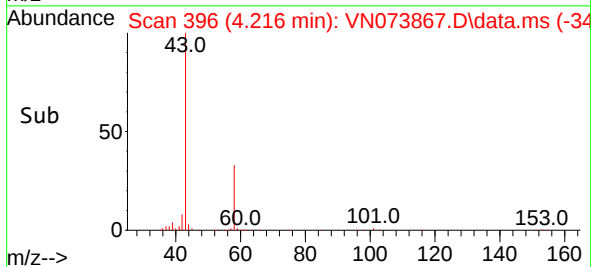
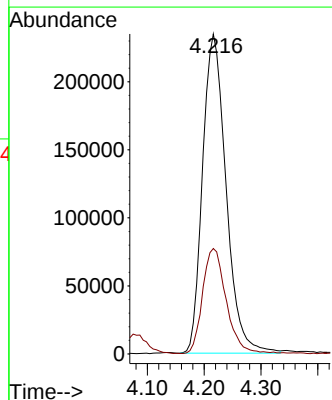
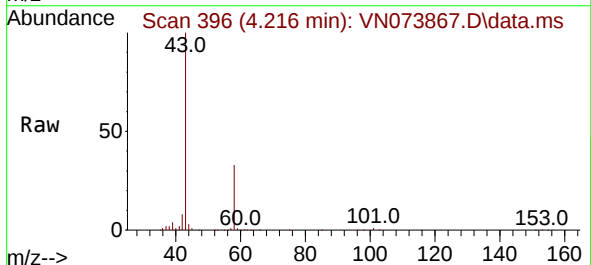
Manual Integrations
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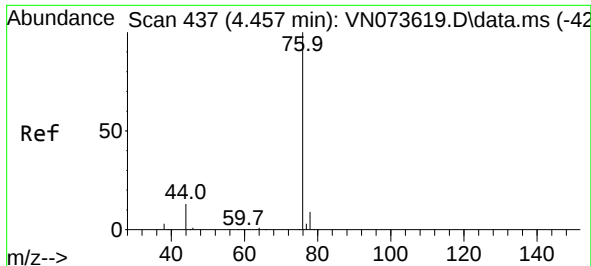
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#16
Acetone
Concen: 200.065 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Tgt Ion: 43 Resp: 673941
Ion Ratio Lower Upper
43 100
58 32.9 26.0 39.0





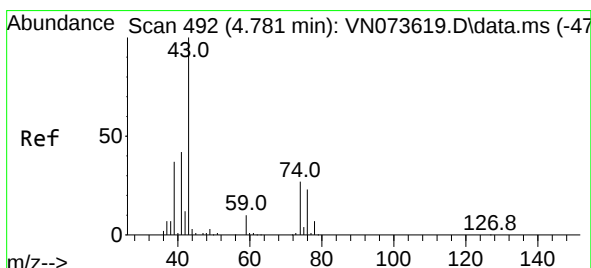
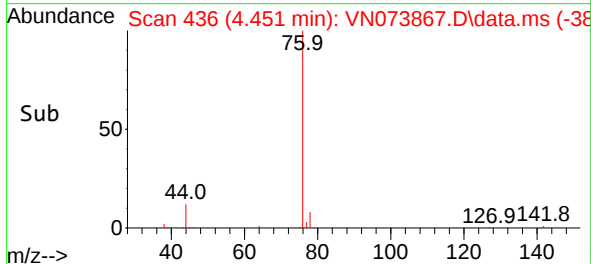
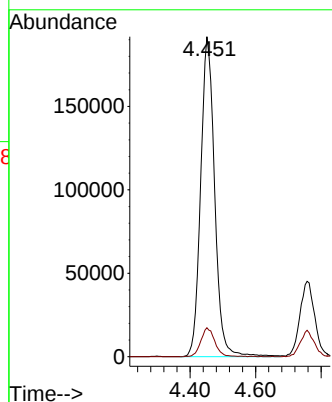
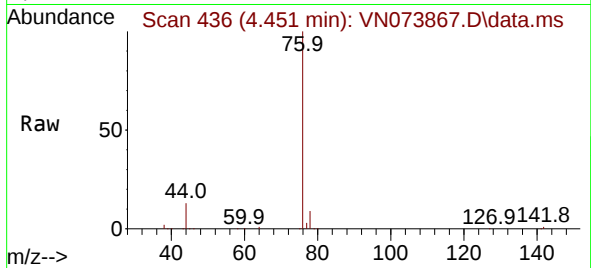
#17
Carbon Disulfide
Concen: 44.049 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 570289
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

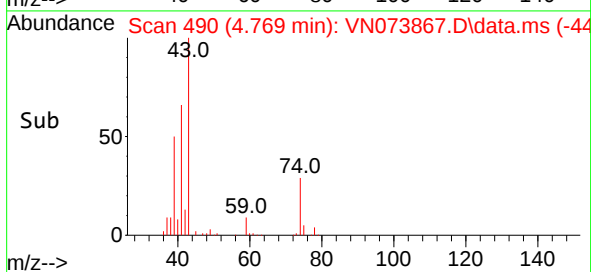
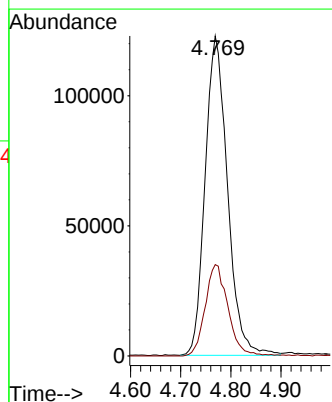
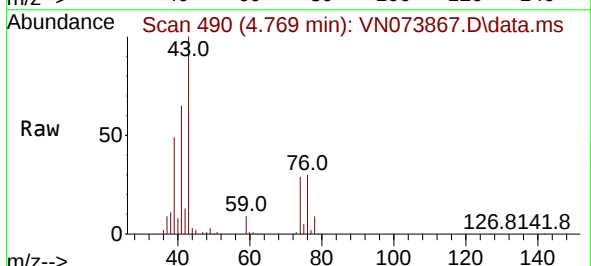
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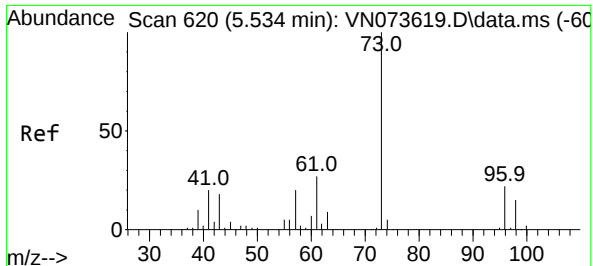
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#18
Methyl Acetate
Concen: 45.424 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.012 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Tgt Ion: 43 Resp: 380686
Ion Ratio Lower Upper
43 100
74 29.2 21.6 32.4





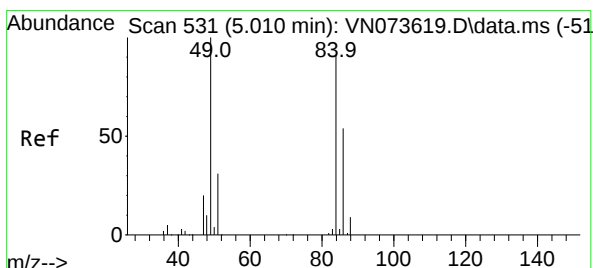
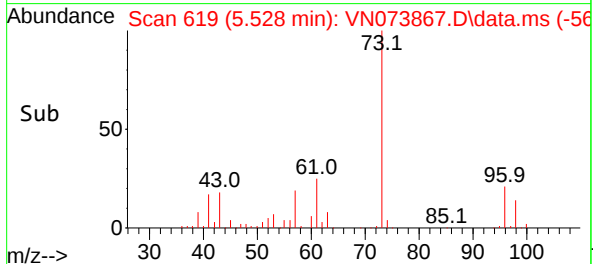
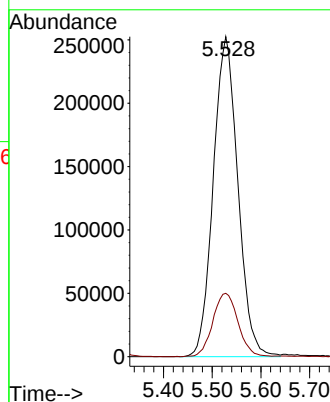
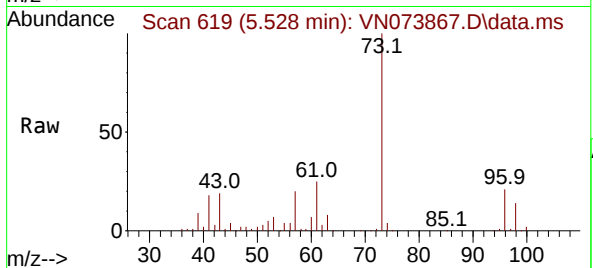
#19
Methyl tert-butyl Ether
Concen: 53.090 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 885594
Ion Ratio Lower Upper
73 100
57 19.8 17.6 26.4

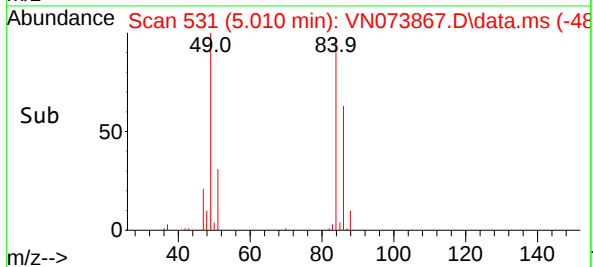
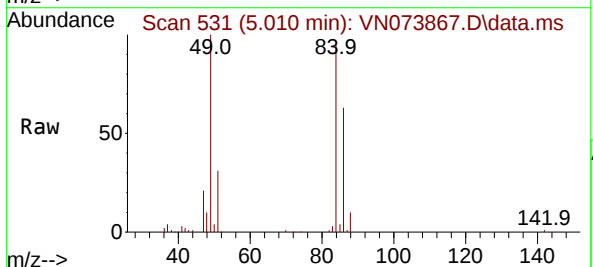
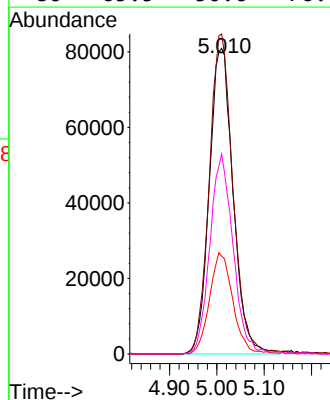
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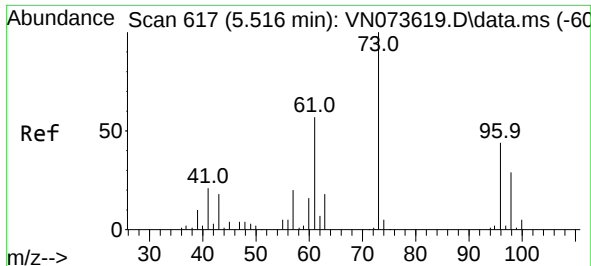
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#20
Methylene Chloride
Concen: 51.948 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

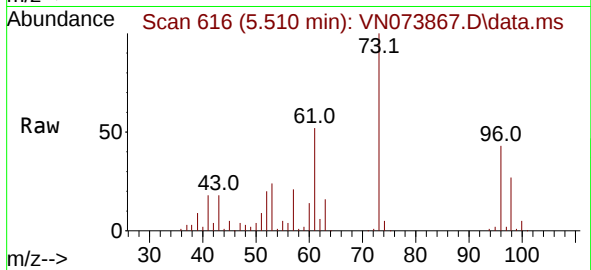
Tgt Ion: 84 Resp: 282624
Ion Ratio Lower Upper
84 100
49 104.7 88.3 132.5
51 32.0 28.2 42.2
86 65.5 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 48.576 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

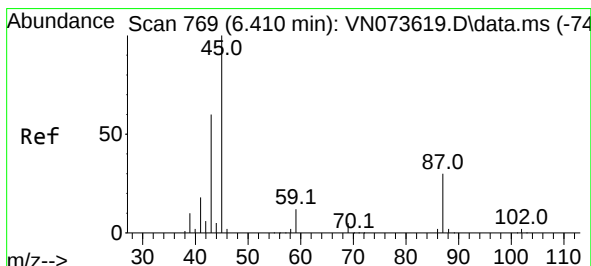
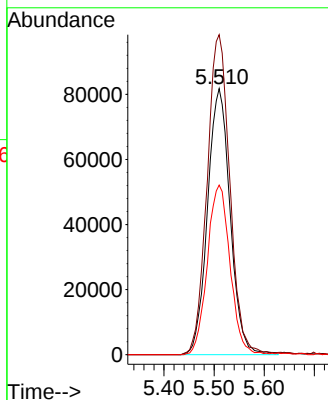
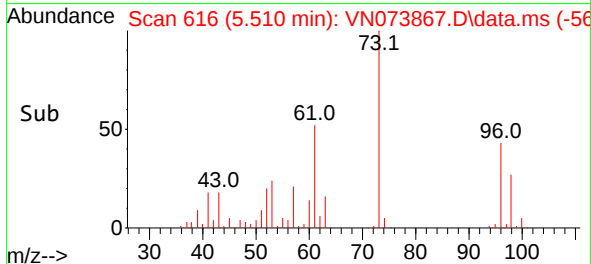
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 256754
Ion Ratio Lower Upper
96 100
61 120.2 105.8 158.8
98 63.7 50.3 75.5

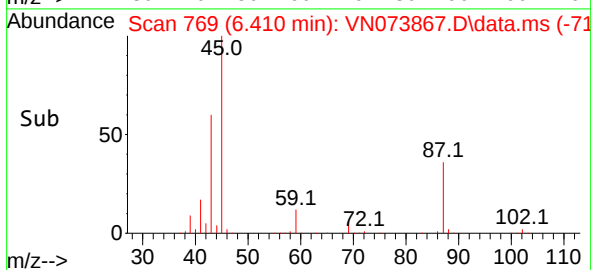
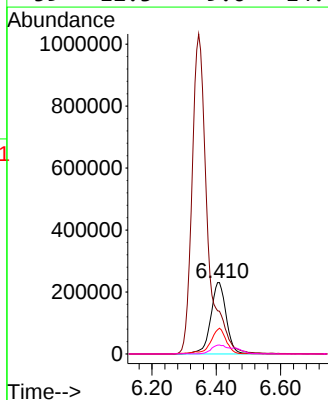
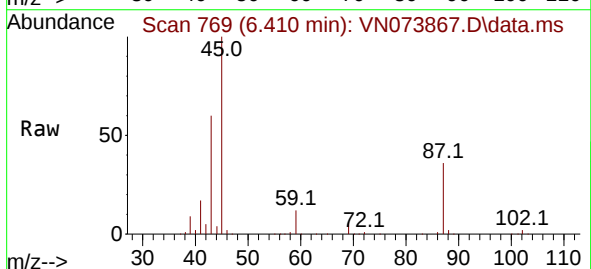
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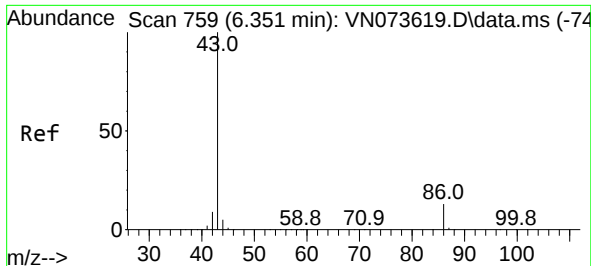
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#22
Diisopropyl ether
Concen: 45.774 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Tgt Ion: 45 Resp: 770925
Ion Ratio Lower Upper
45 100
43 59.0 46.6 70.0
87 35.9 24.3 36.5
59 12.3 9.6 14.4





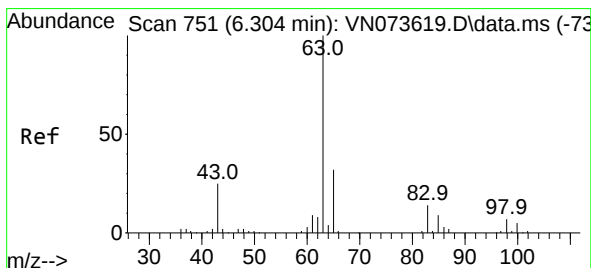
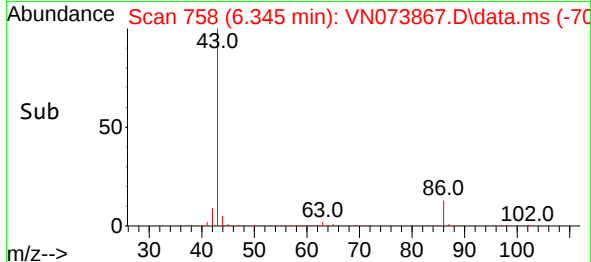
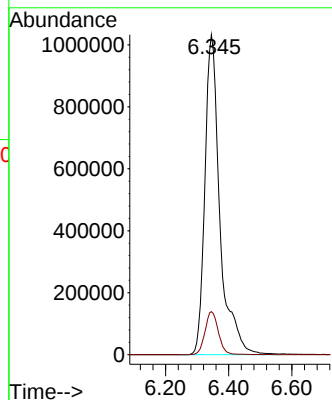
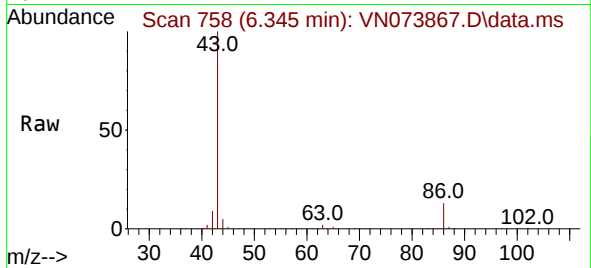
#23
 Vinyl Acetate
 Concen: 241.284 ug/l
 RT: 6.345 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN073867.D
 Acq: 13 Aug 2022 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 340705
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.0 15.0

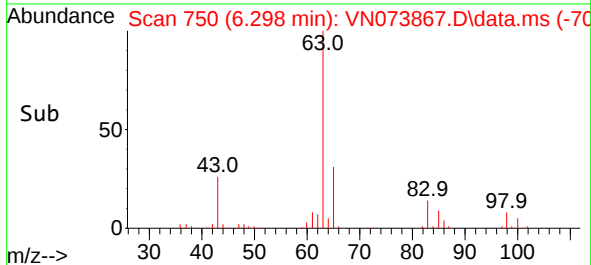
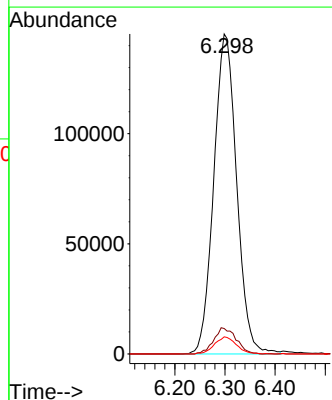
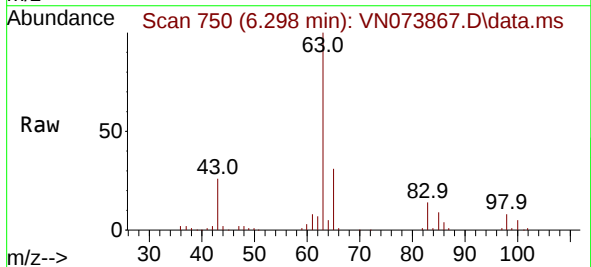
Manual Integrations
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Reviewed By :John Carlone 08/15/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#24
 1,1-Dichloroethane
 Concen: 44.511 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN073867.D
 Acq: 13 Aug 2022 12:57

Tgt Ion: 63 Resp: 461188
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 5.4 2.3 6.8





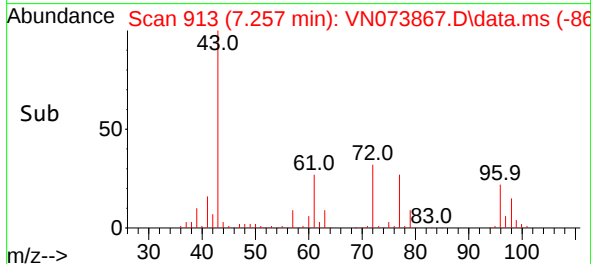
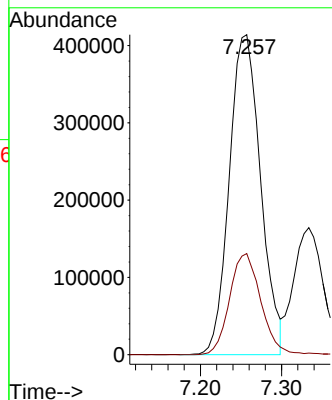
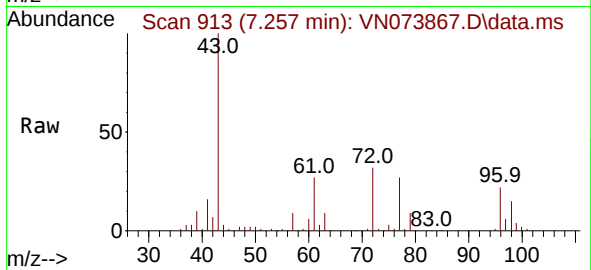
#25
2-Butanone
Concen: 212.381 ug/l
RT: 7.257 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 111104
Ion Ratio Lower Upper
43 100
72 31.6 23.7 35.5

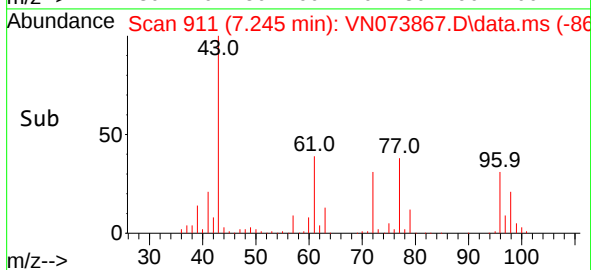
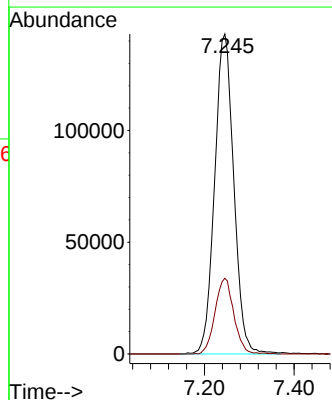
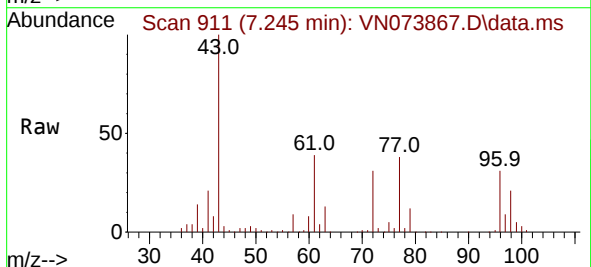
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Supervised By :Mahesh Dadoda 08/16/2022



#26
2,2-Dichloropropane
Concen: 53.312 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Tgt Ion: 77 Resp: 424983
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.2





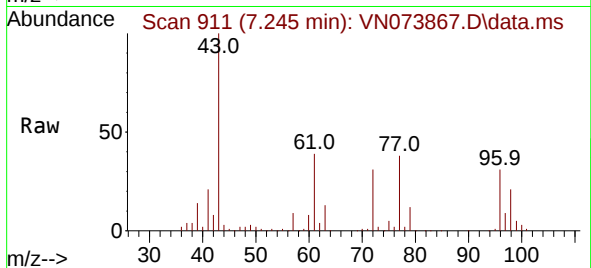
#27
 cis-1,2-Dichloroethene
 Concen: 48.981 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073867.D
 Acq: 13 Aug 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



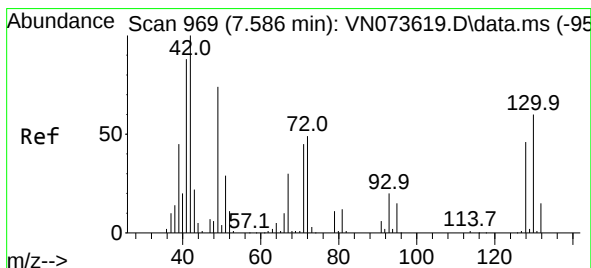
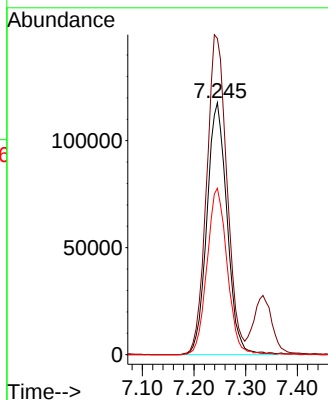
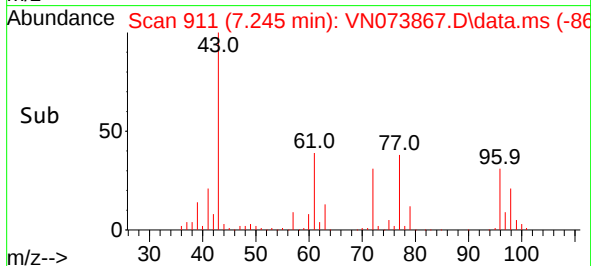
Tgt Ion: 96 Resp: 318980
 Ion Ratio Lower Upper
 96 100
 61 128.0 0.0 280.6
 98 66.2 0.0 128.4

Manual Integrations

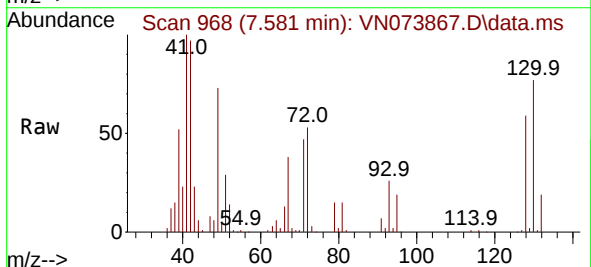
APPROVED

Reviewed By :John Carlone 08/15/2022

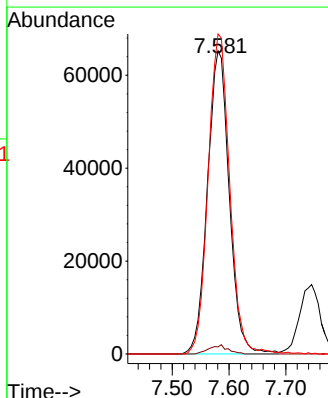
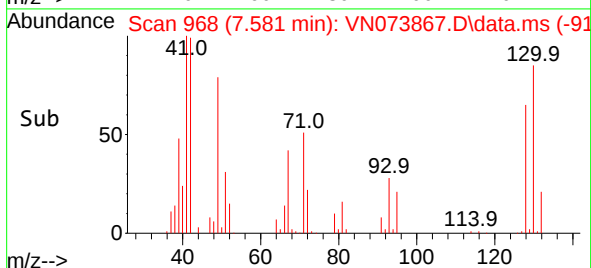
Supervised By :Mahesh Dadoda 08/16/2022

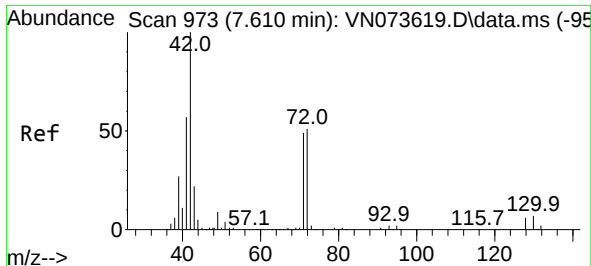


#28
 Bromochloromethane
 Concen: 39.905 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN073867.D
 Acq: 13 Aug 2022 12:57



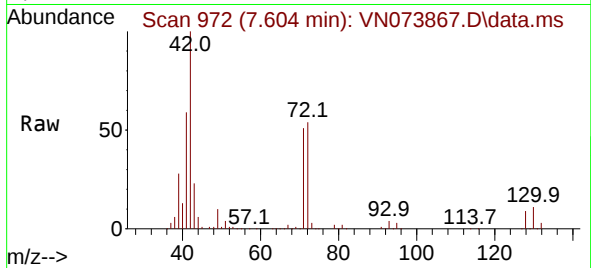
Tgt Ion: 49 Resp: 173605
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.6
 130 103.5 69.7 104.5





#29
Tetrahydrofuran
Concen: 214.607 ug/l
RT: 7.604 min Scan# 912
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

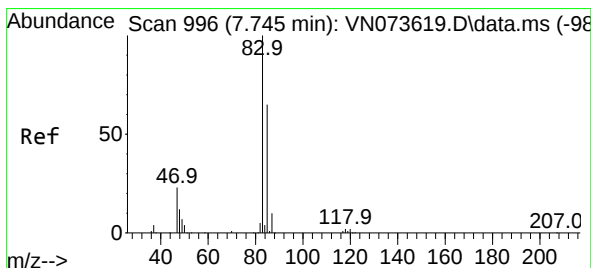
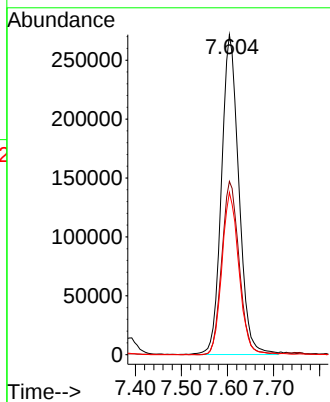
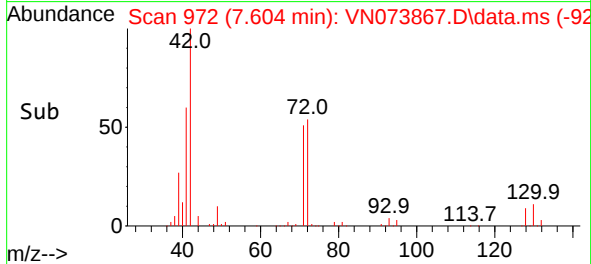
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 709819
Ion Ratio Lower Upper
42 100
72 54.0 39.7 59.5
71 49.7 36.6 55.0

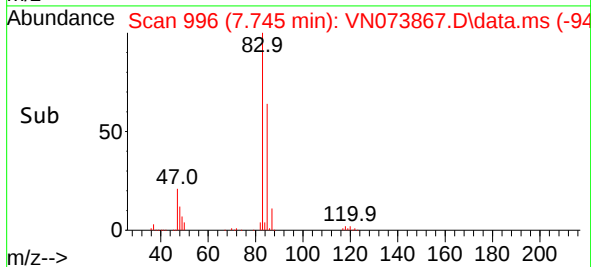
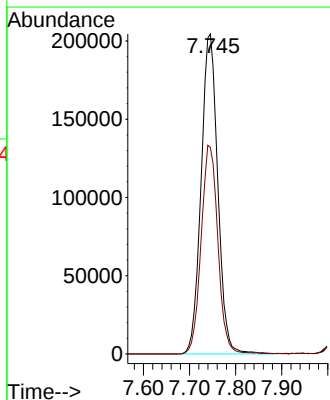
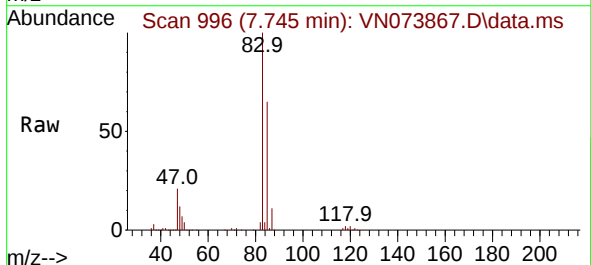
Manual Integrations
APPROVED

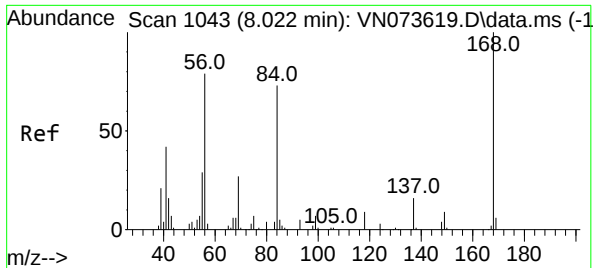
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#30
Chloroform
Concen: 47.952 ug/l
RT: 7.745 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

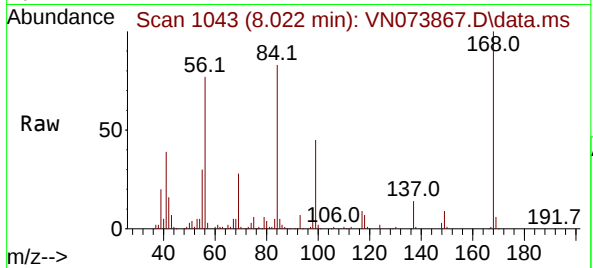
Tgt Ion: 83 Resp: 517660
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.8





#31
Cyclohexane
Concen: 42.394 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

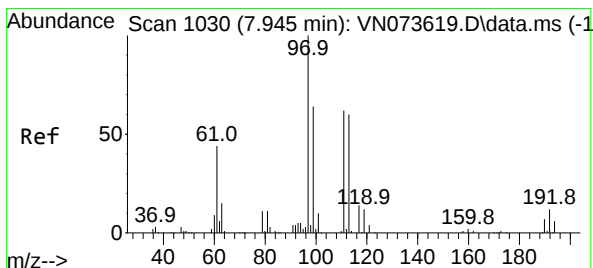
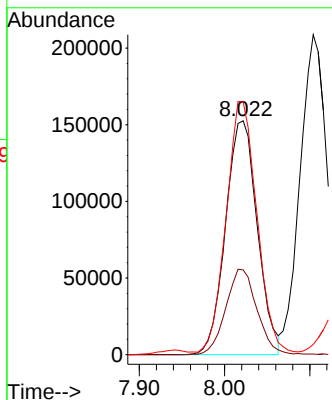
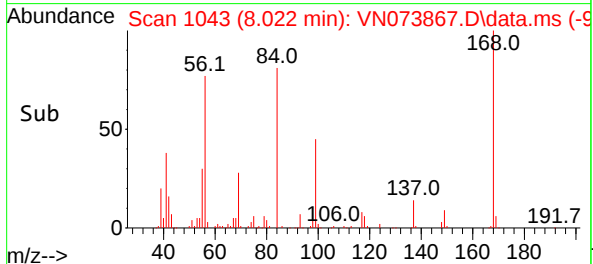
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



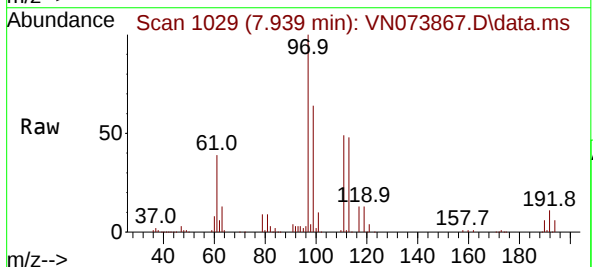
Tgt Ion: 56 Resp: 395850
Ion Ratio Lower Upper
56 100
69 36.3 27.8 41.8
84 106.2 76.9 115.3

Manual Integrations
APPROVED

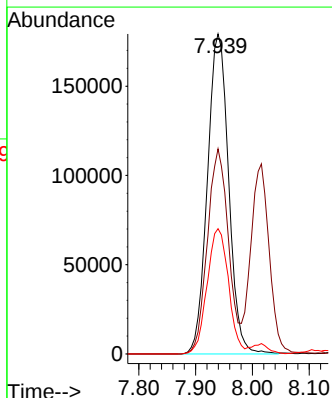
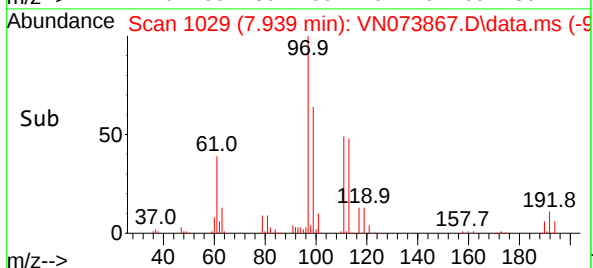
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022

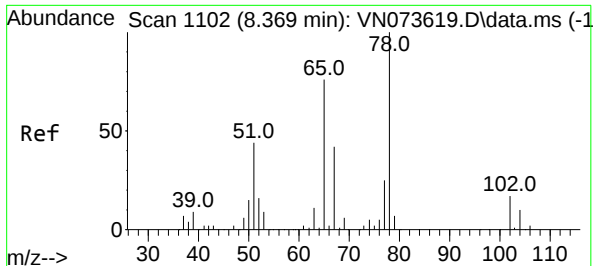


#32
1,1,1-Trichloroethane
Concen: 51.844 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57



Tgt Ion: 97 Resp: 464706
Ion Ratio Lower Upper
97 100
99 64.0 50.6 76.0
61 39.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 43.856 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073867.D

Acq: 13 Aug 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 275054

Ion Ratio Lower Upper

65 100

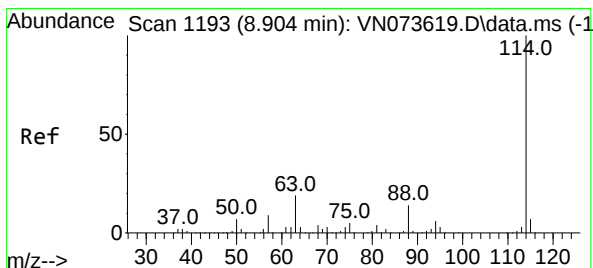
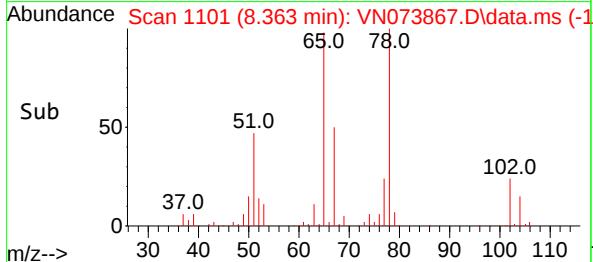
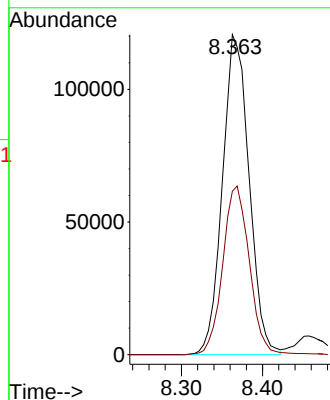
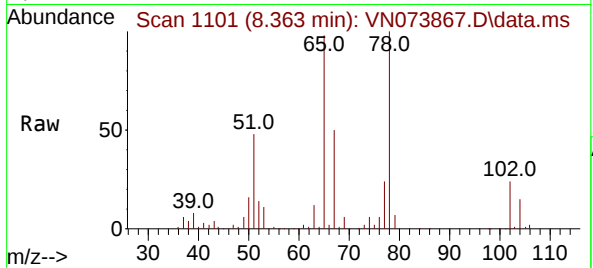
67 52.8 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2022

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: VN073867.D

Acq: 13 Aug 2022 12:57

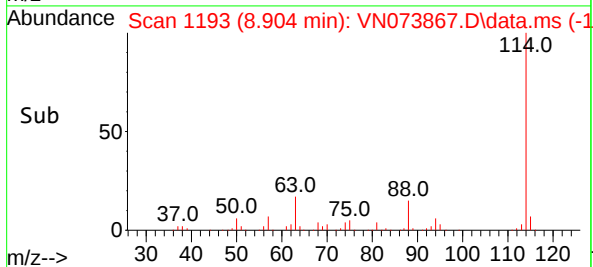
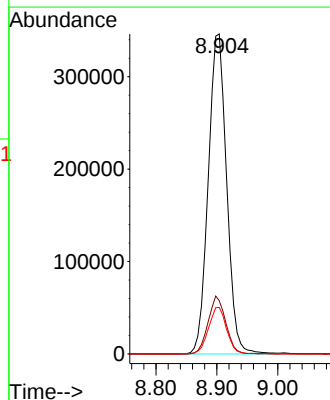
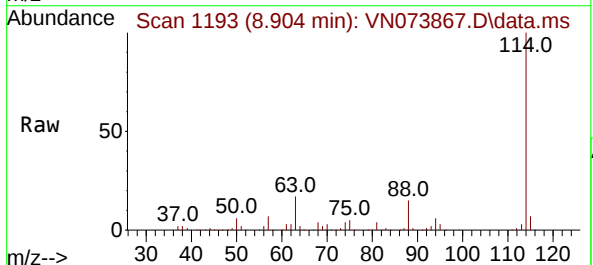
Tgt Ion:114 Resp: 727305

Ion Ratio Lower Upper

114 100

63 16.7 0.0 40.0

88 14.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.830 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073867.D

Acq: 13 Aug 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

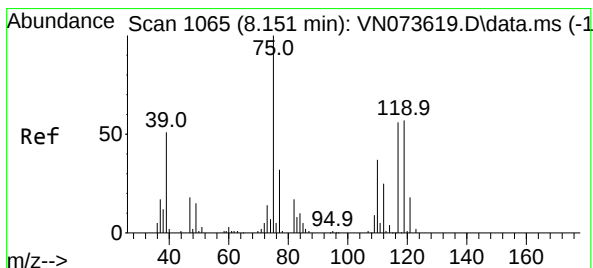
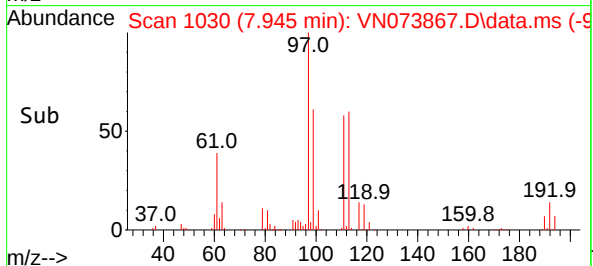
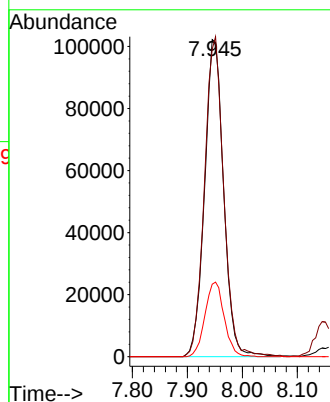
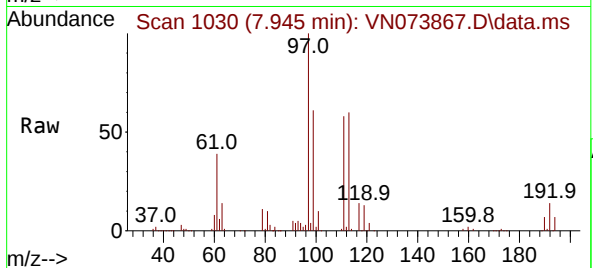
Tgt Ion:	113	Resp:	24584
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.0
192	23.7	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2022

Supervised By :Mahesh Dadoda 08/16/2022



#36

1,1-Dichloropropene

Concen: 55.056 ug/l

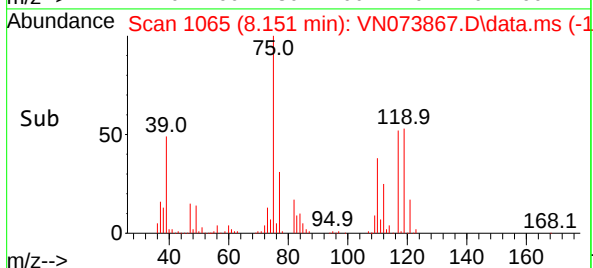
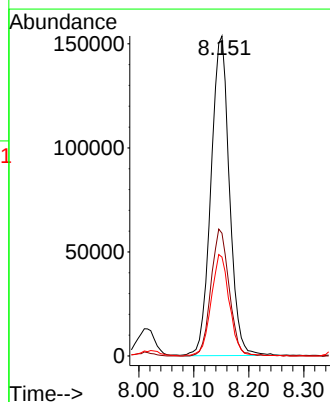
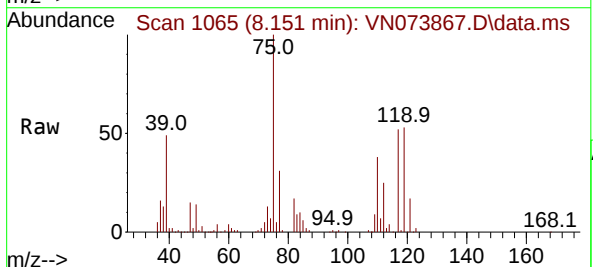
RT: 8.151 min Scan# 1065

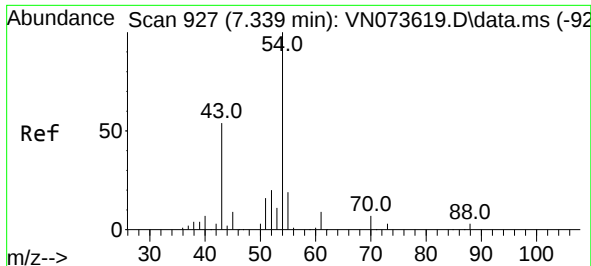
Delta R.T. -0.000 min

Lab File: VN073867.D

Acq: 13 Aug 2022 12:57

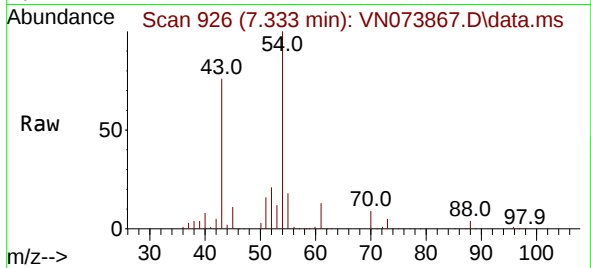
Tgt Ion:	75	Resp:	358365
Ion	Ratio	Lower	Upper
75	100		
110	39.2	18.3	54.8
77	31.7	25.1	37.7





#37
Ethyl Acetate
Concen: 51.203 ug/l
RT: 7.333 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

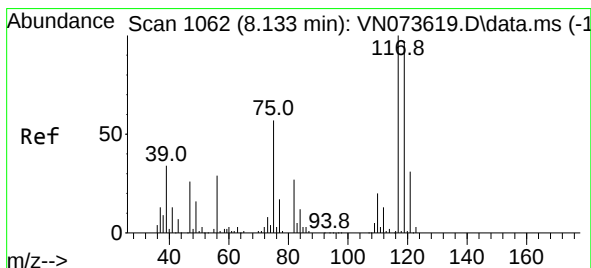
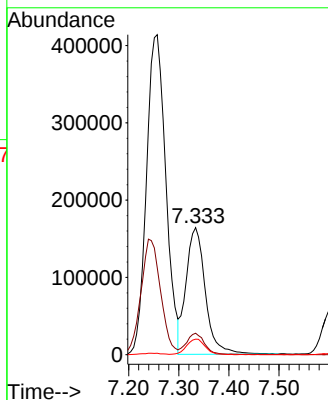
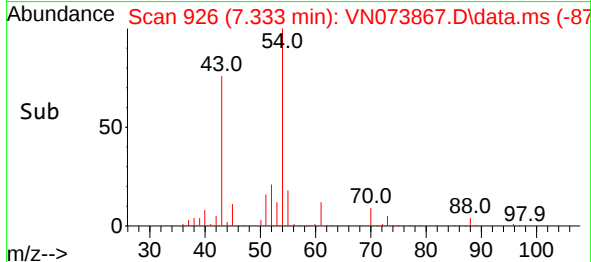
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 438928
Ion Ratio Lower Upper
43 100
61 15.6 11.8 17.6
70 11.8 9.3 13.9

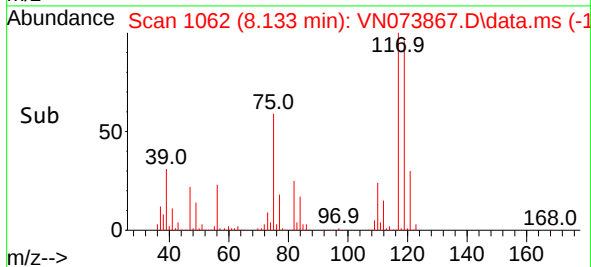
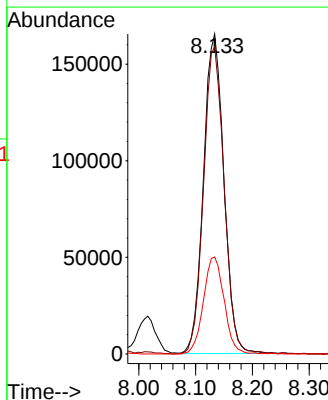
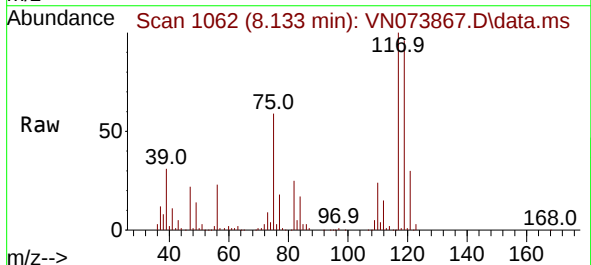
Manual Integrations
APPROVED

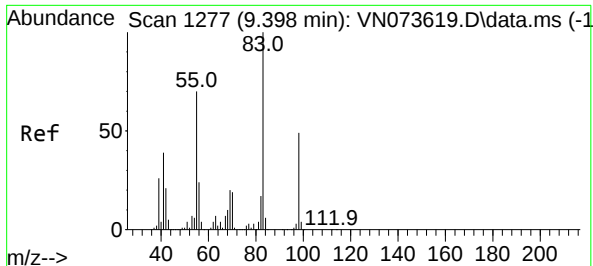
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#38
Carbon Tetrachloride
Concen: 62.340 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Tgt Ion:117 Resp: 412124
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
121 30.3 24.6 37.0





#39

Methylcyclohexane

Concen: 62.025 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073867.D

Acq: 13 Aug 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

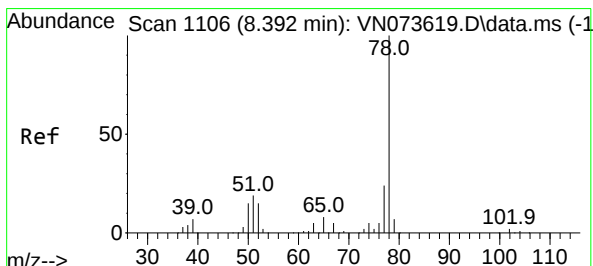
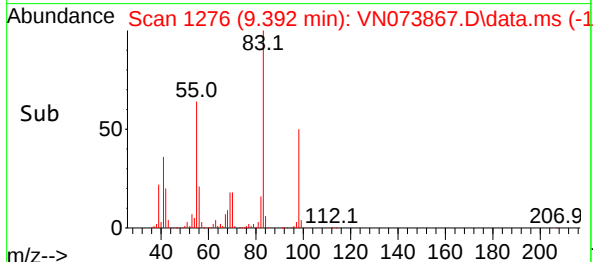
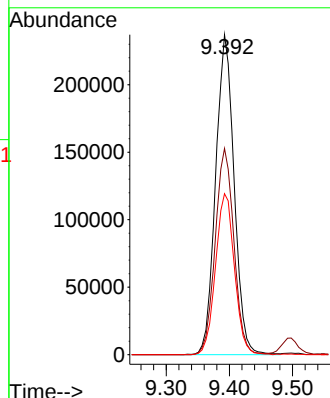
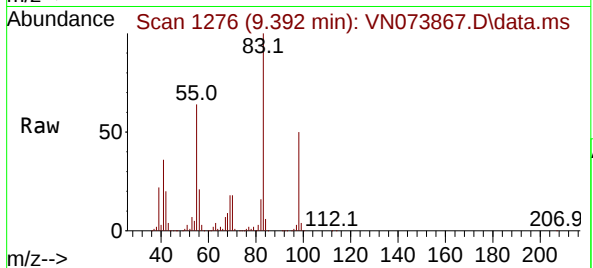
VSTDCCC050

Tgt Ion: 83 Resp: 482450
 Ion Ratio Lower Upper
 83 100
 55 64.5 57.8 86.8
 98 50.3 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#40

Benzene

Concen: 53.081 ug/l

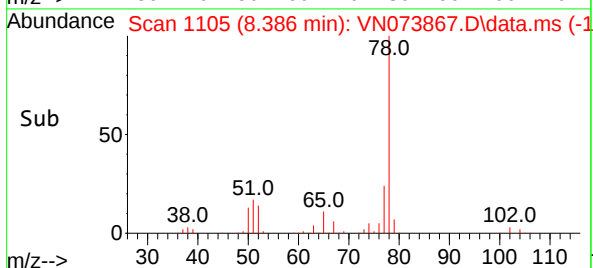
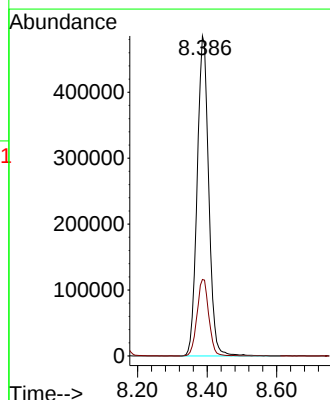
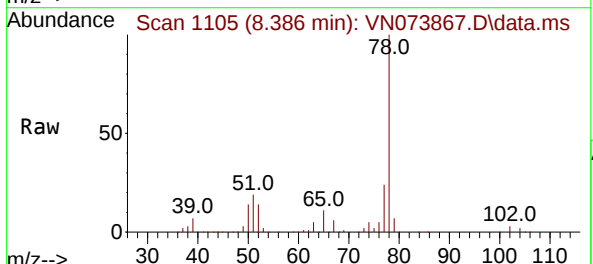
RT: 8.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073867.D

Acq: 13 Aug 2022 12:57

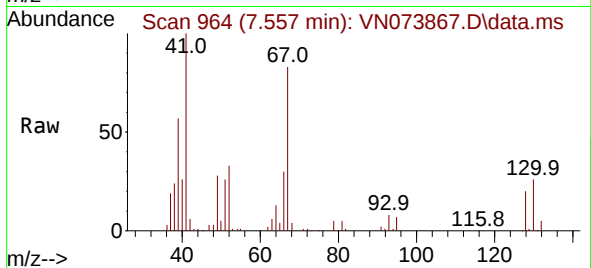
Tgt Ion: 78 Resp: 1121971
 Ion Ratio Lower Upper
 78 100
 77 23.9 19.4 29.0





#41
Methacrylonitrile
Concen: 53.011 ug/l
RT: 7.557 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

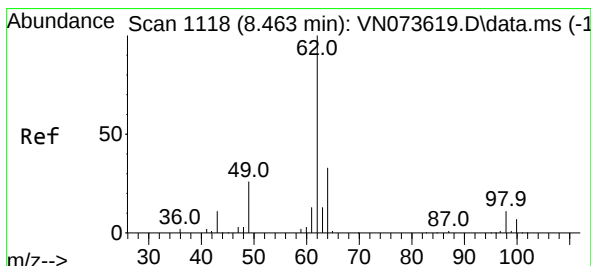
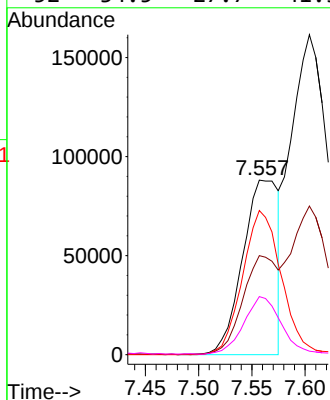
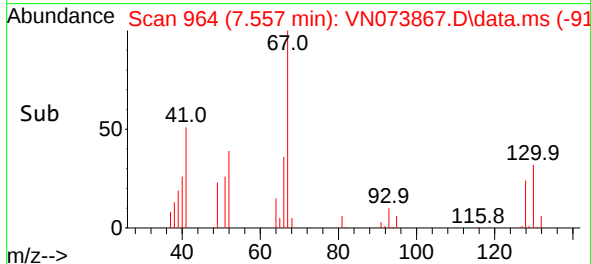
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 20562
Ion Ratio Lower Upper
41 100
39 55.1 48.6 73.0
67 90.6 73.4 110.2
52 34.5 27.7 41.5

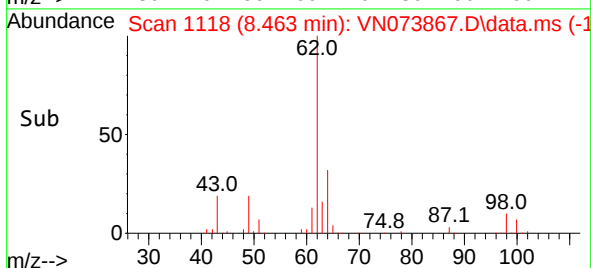
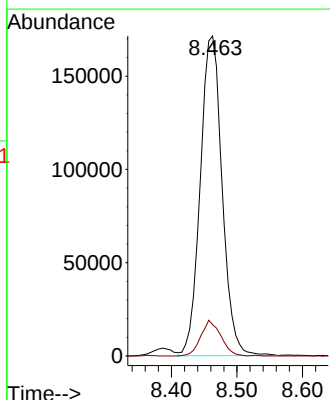
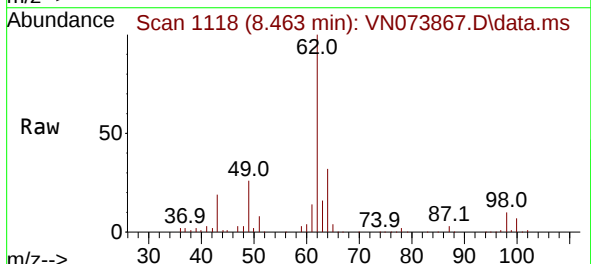
Manual Integrations
APPROVED

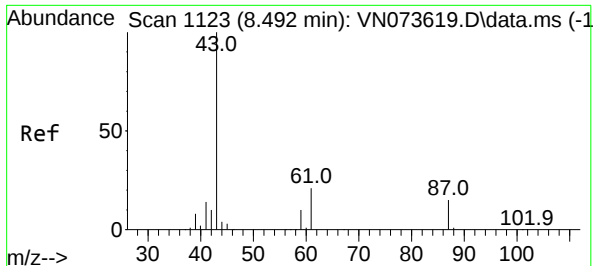
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#42
1,2-Dichloroethane
Concen: 55.855 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Tgt Ion: 62 Resp: 397888
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.4





#43

Isopropyl Acetate

Concen: 56.336 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN073867.D

Acq: 13 Aug 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050

Tgt Ion: 43 Resp: 65228

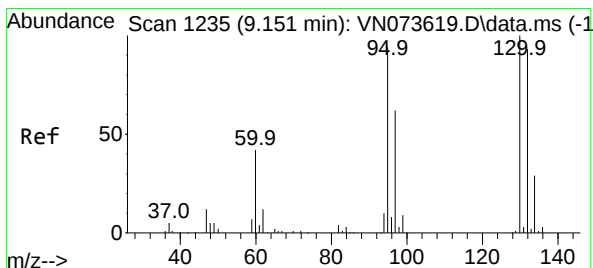
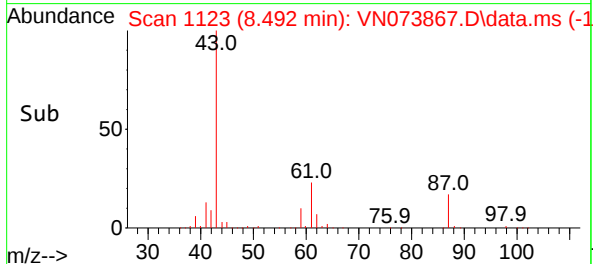
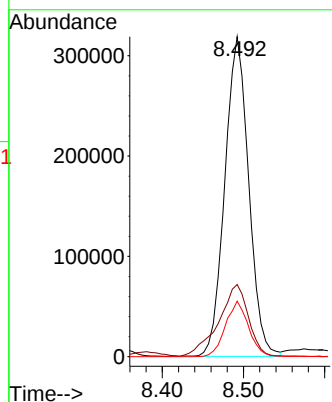
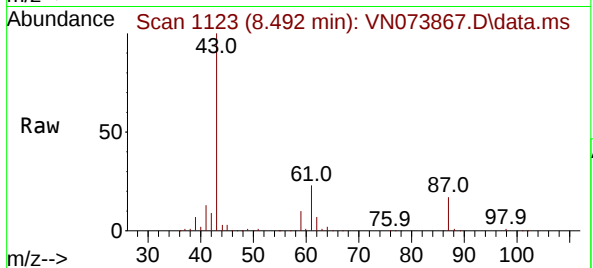
Ion	Ratio	Lower	Upper
43	100		
61	28.3	21.9	32.9
87	16.9	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2022

Supervised By :Mahesh Dadoda 08/16/2022



#44

Trichloroethene

Concen: 61.362 ug/l

RT: 9.151 min Scan# 1235

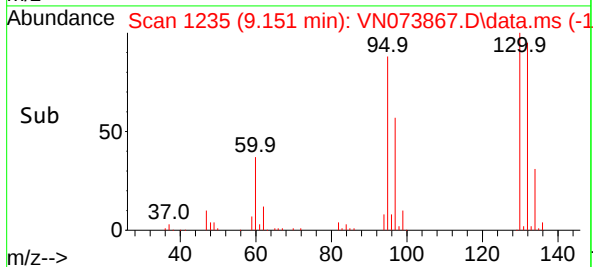
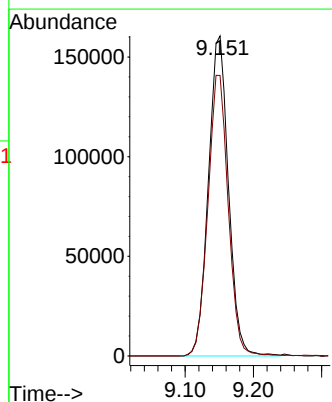
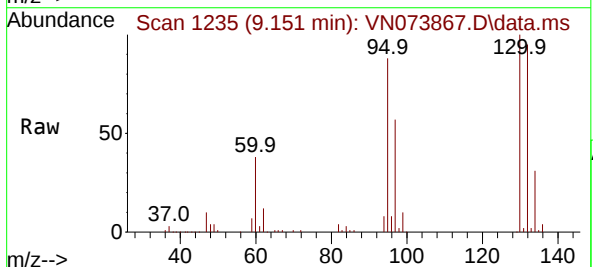
Delta R.T. -0.000 min

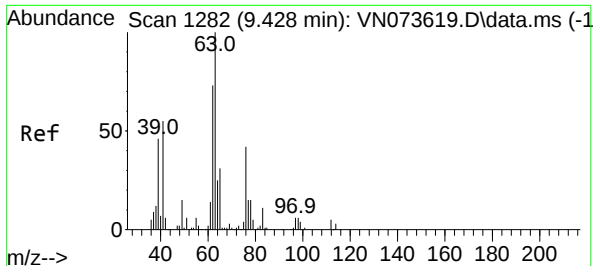
Lab File: VN073867.D

Acq: 13 Aug 2022 12:57

Tgt Ion:130 Resp: 328904

Ion	Ratio	Lower	Upper
130	100		
95	87.6	0.0	186.8





#45

1,2-Dichloropropane

Concen: 52.418 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN073867.D

Acq: 13 Aug 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 276938

Ion Ratio Lower Upper

63 100

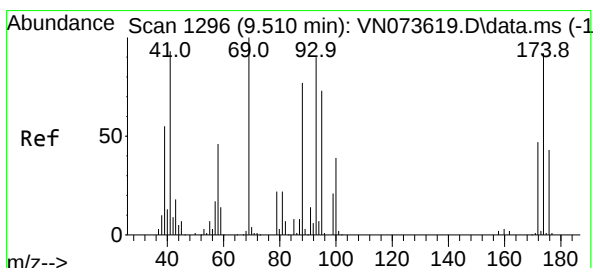
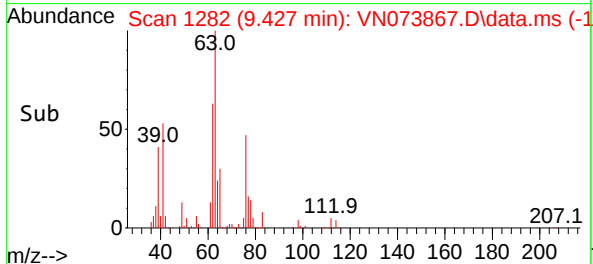
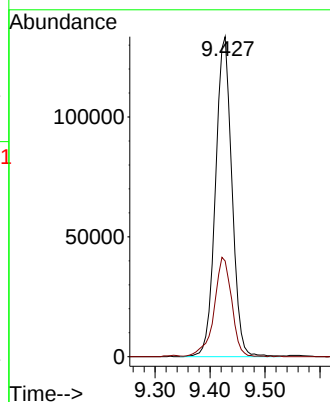
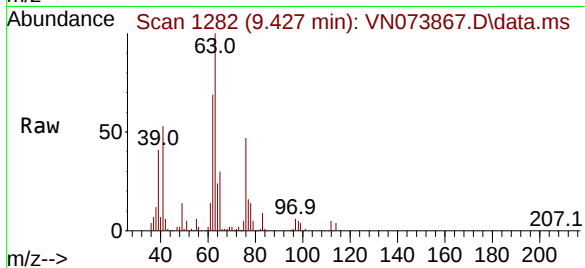
65 29.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2022

Supervised By :Mahesh Dadoda 08/16/2022



#46

Dibromomethane

Concen: 58.549 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073867.D

Acq: 13 Aug 2022 12:57

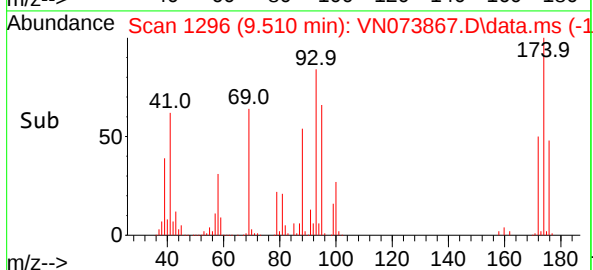
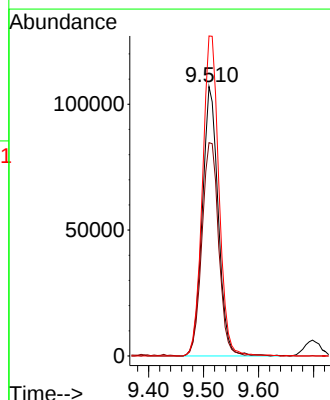
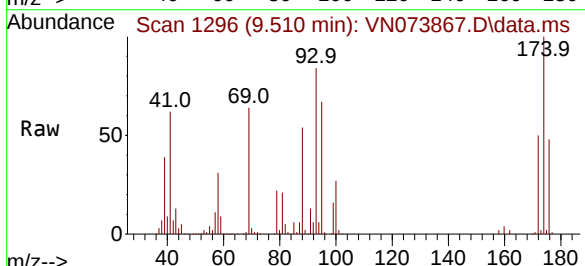
Tgt Ion: 93 Resp: 214689

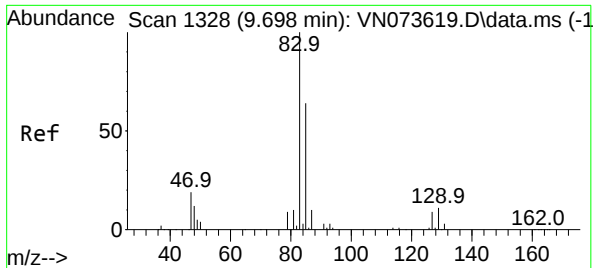
Ion Ratio Lower Upper

93 100

95 83.3 66.9 100.3

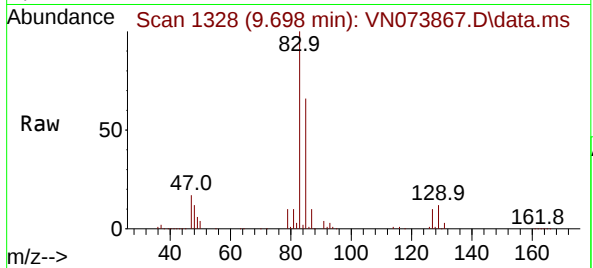
174 123.0 86.6 130.0





#47
Bromodichloromethane
Concen: 58.050 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

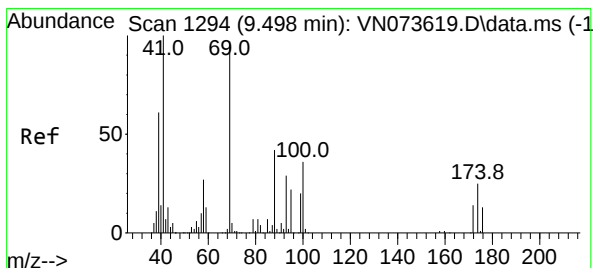
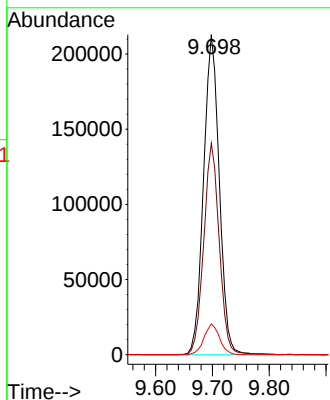
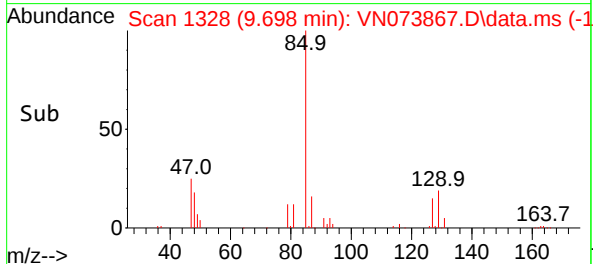
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 408539
Ion Ratio Lower Upper
83 100
85 66.0 50.5 75.7
127 9.6 6.8 10.2

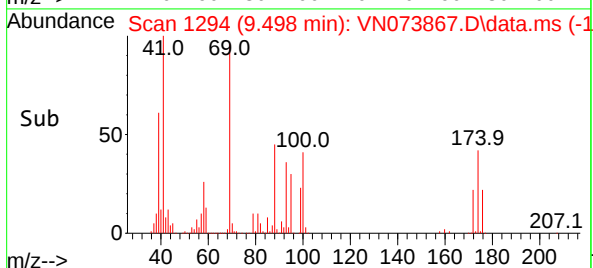
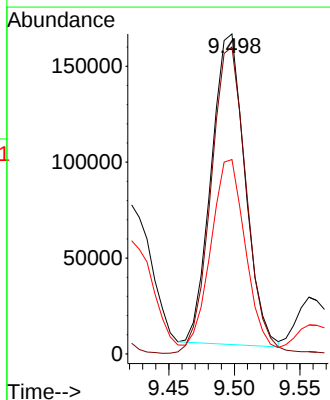
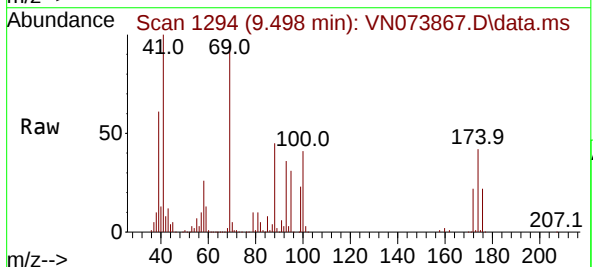
Manual Integrations
APPROVED

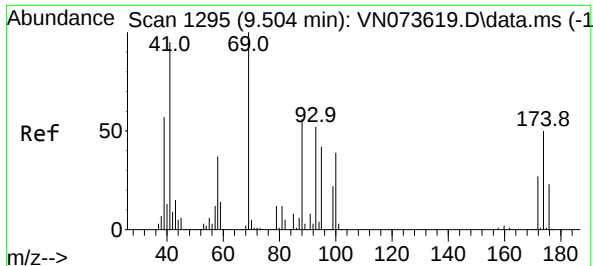
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#48
Methyl methacrylate
Concen: 57.014 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Tgt Ion: 41 Resp: 288956
Ion Ratio Lower Upper
41 100
69 103.4 74.7 112.1
39 65.0 45.6 68.4





#49

1,4-Dioxane

Concen: 1117.894 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073867.D

Acq: 13 Aug 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 159709

Ion Ratio Lower Upper

88 100

43 25.2 20.2 30.4

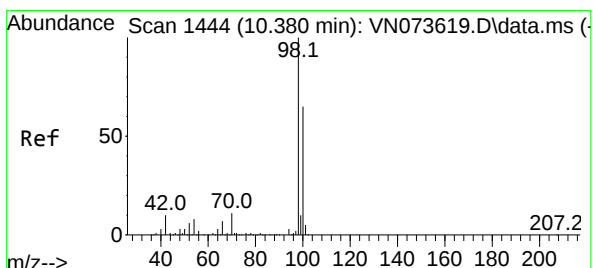
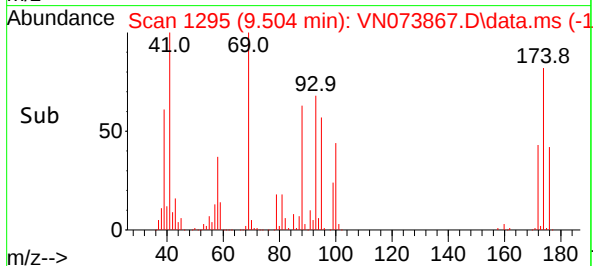
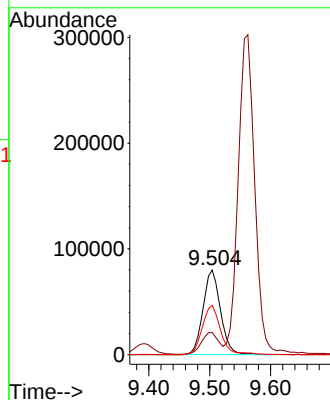
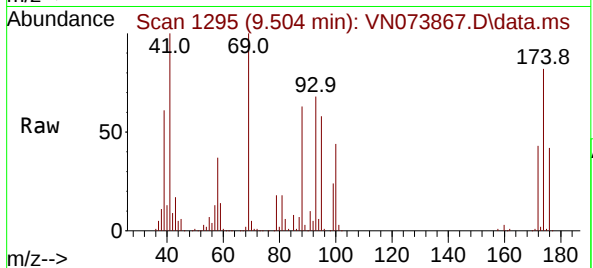
58 61.2 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2022

Supervised By :Mahesh Dadoda 08/16/2022



#50

Toluene-d8

Concen: 50.253 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN073867.D

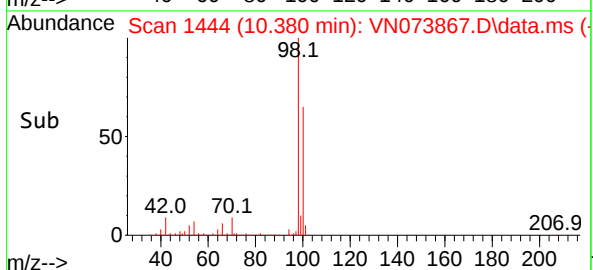
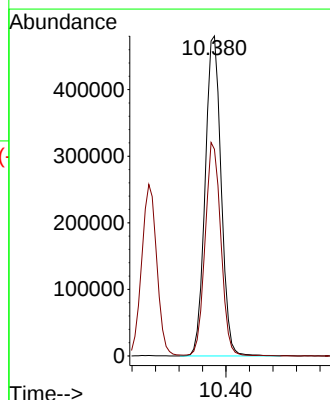
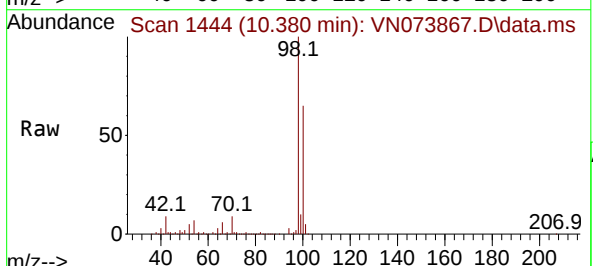
Acq: 13 Aug 2022 12:57

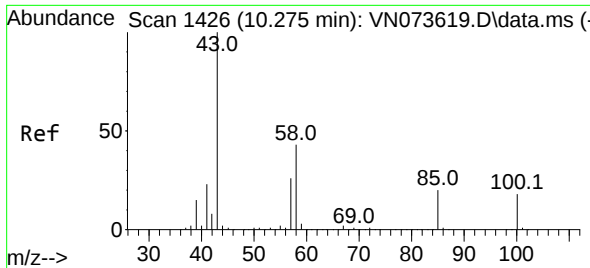
Tgt Ion: 98 Resp: 903138

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8





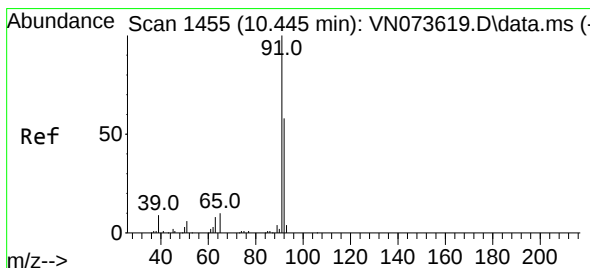
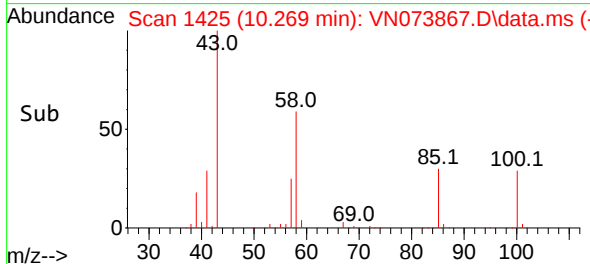
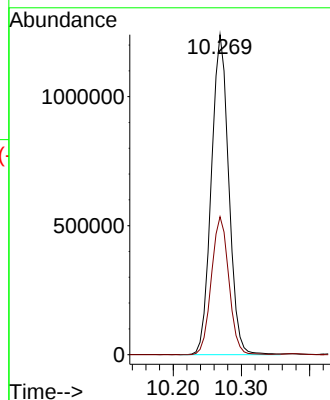
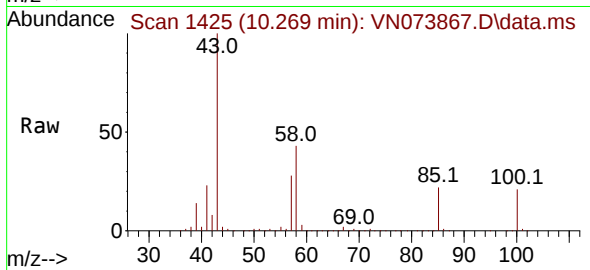
#51
4-Methyl-2-Pentanone
Concen: 265.379 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 220384
Ion Ratio Lower Upper
43 100
58 43.2 34.1 51.1

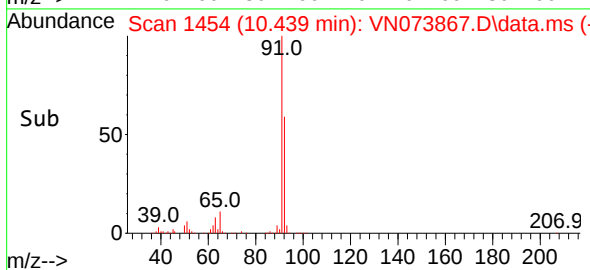
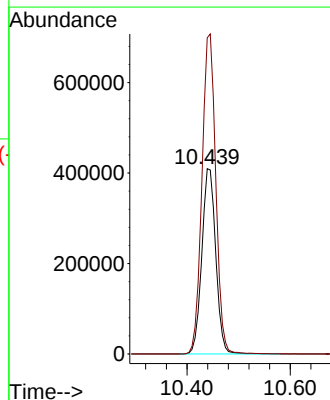
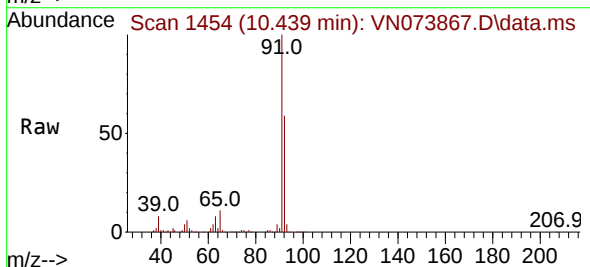
Manual Integrations
APPROVED

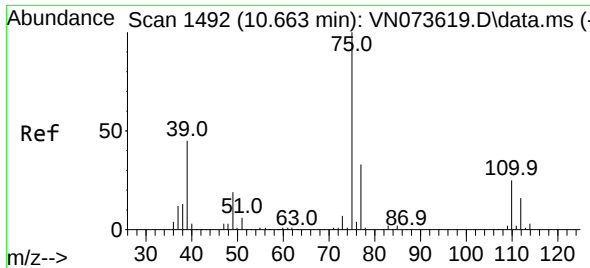
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#52
Toluene
Concen: 59.238 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Tgt Ion: 92 Resp: 764806
Ion Ratio Lower Upper
92 100
91 172.0 138.6 207.8





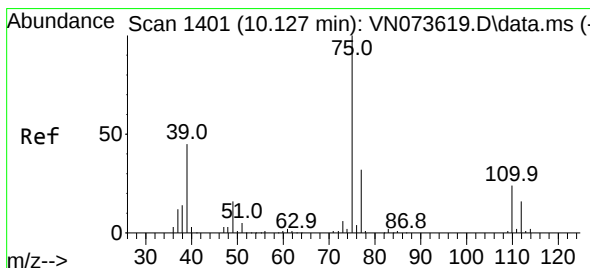
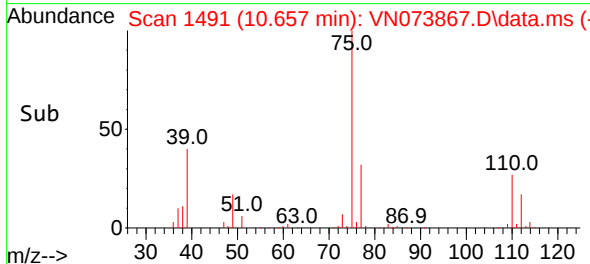
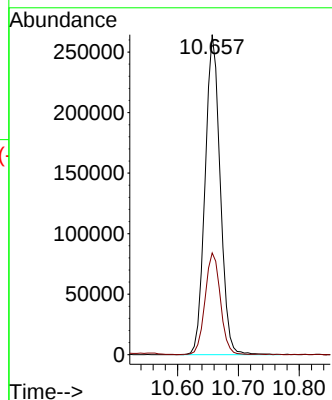
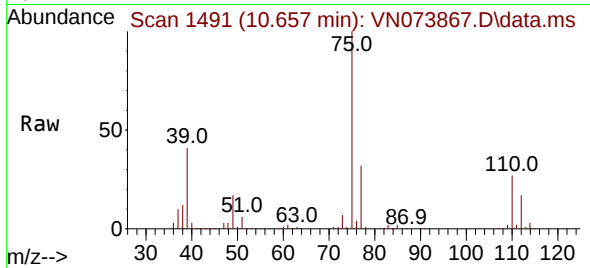
#53
t-1,3-Dichloropropene
Concen: 65.528 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 455588
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4

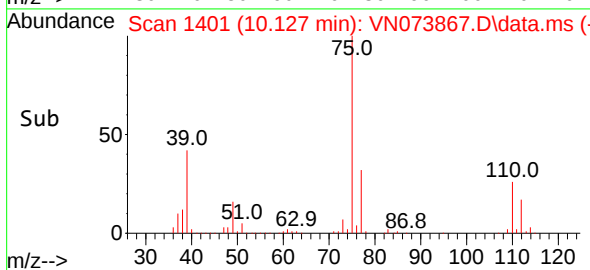
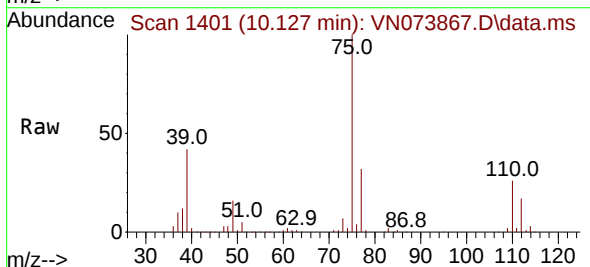
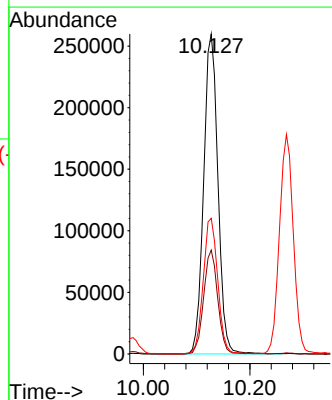
Manual Integrations
APPROVED

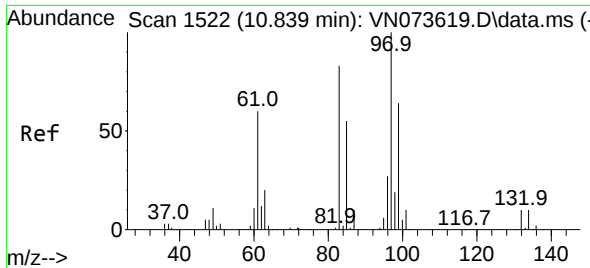
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#54
cis-1,3-Dichloropropene
Concen: 61.580 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

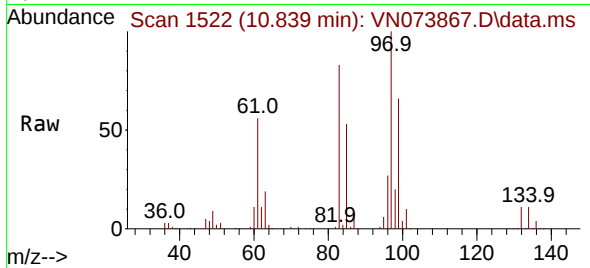
Tgt Ion: 75 Resp: 482461
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8
39 42.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 58.082 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

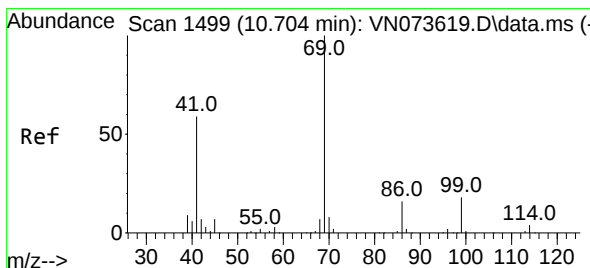
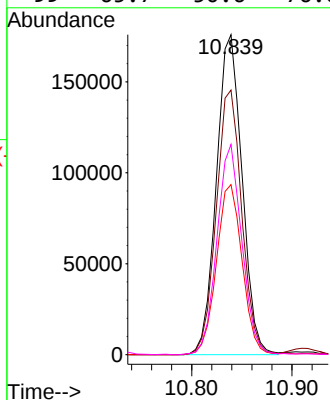
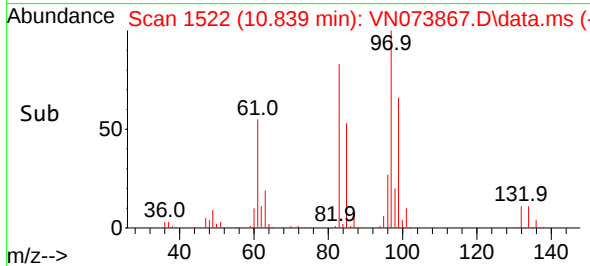
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



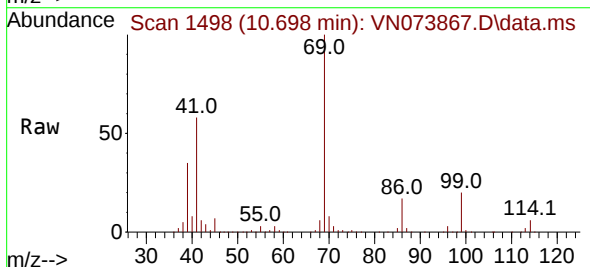
Tgt Ion: 97 Resp: 312708
Ion Ratio Lower Upper
97 100
83 82.7 66.2 99.4
85 53.2 43.9 65.9
99 65.7 50.6 76.0

Manual Integrations
APPROVED

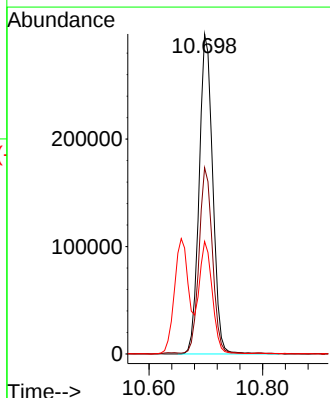
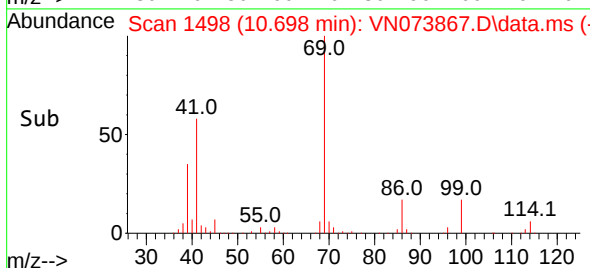
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#56
Ethyl methacrylate
Concen: 66.549 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57



Tgt Ion: 69 Resp: 493812
Ion Ratio Lower Upper
69 100
41 57.0 47.8 71.6
39 33.1 27.3 40.9





#57

1,3-Dichloropropane

Concen: 55.983 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. -0.000 min

Lab File: VN073867.D

Acq: 13 Aug 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 511370

Ion Ratio Lower Upper

76 100

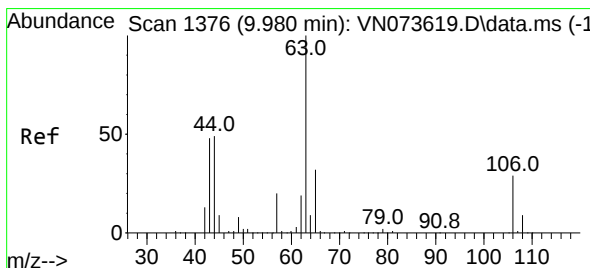
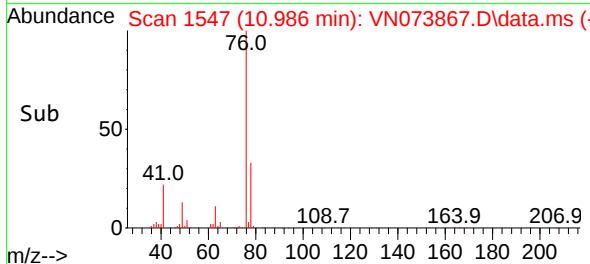
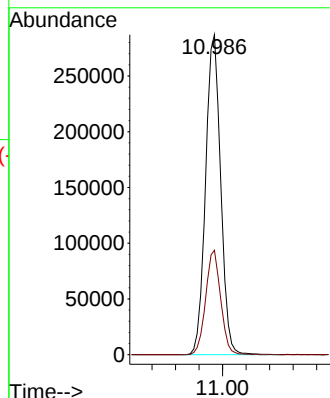
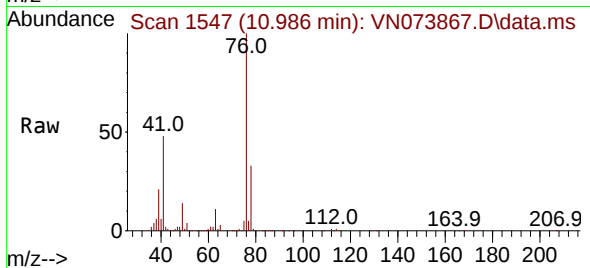
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2022

Supervised By :Mahesh Dadoda 08/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 281.400 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073867.D

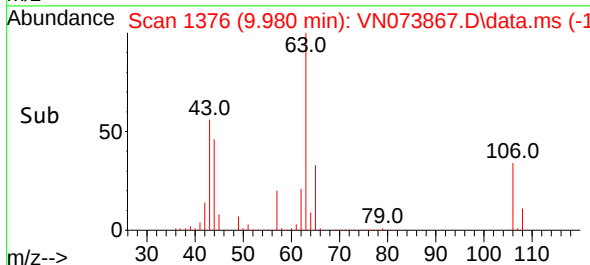
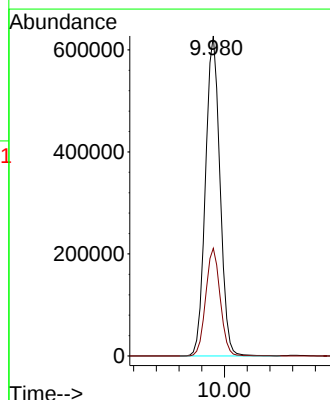
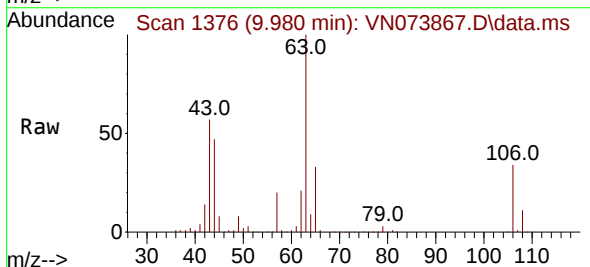
Acq: 13 Aug 2022 12:57

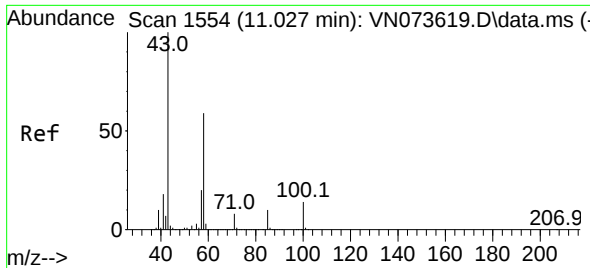
Tgt Ion: 63 Resp: 1110067

Ion Ratio Lower Upper

63 100

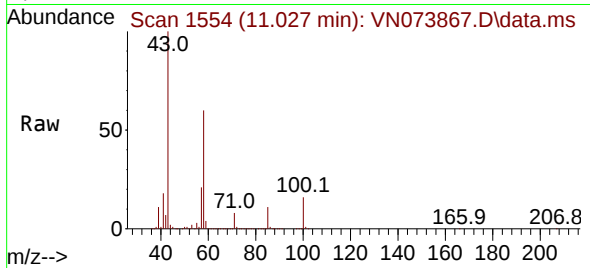
106 33.5 24.6 36.8





#59
2-Hexanone
Concen: 270.090 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

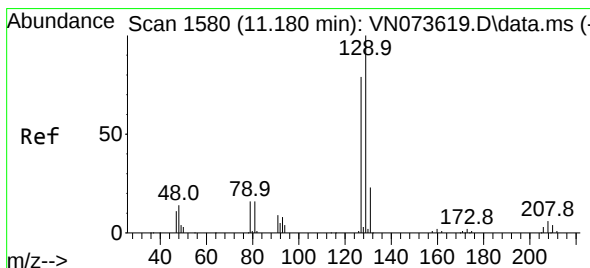
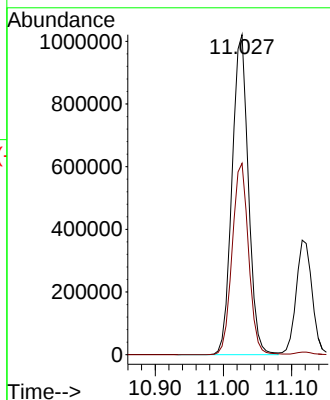
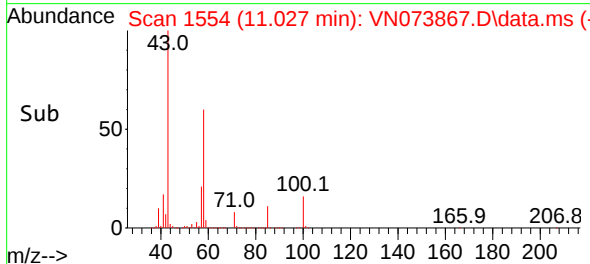
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



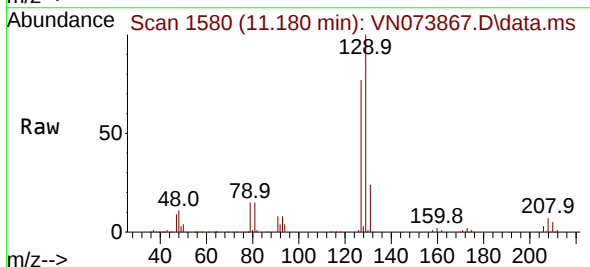
Tgt Ion: 43 Resp: 169935
Ion Ratio Lower Upper
43 100
58 60.2 29.7 89.1

Manual Integrations
APPROVED

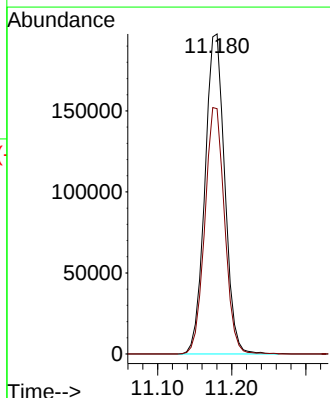
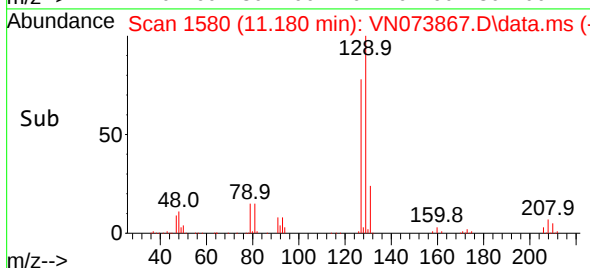
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022

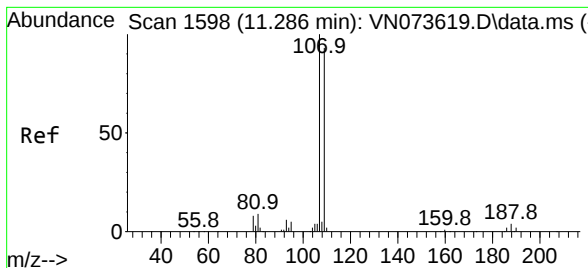


#60
Dibromochloromethane
Concen: 68.295 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57



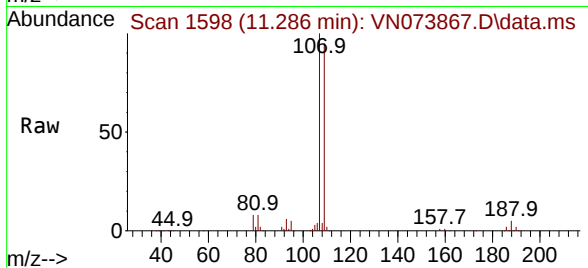
Tgt Ion:129 Resp: 365788
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 62.374 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

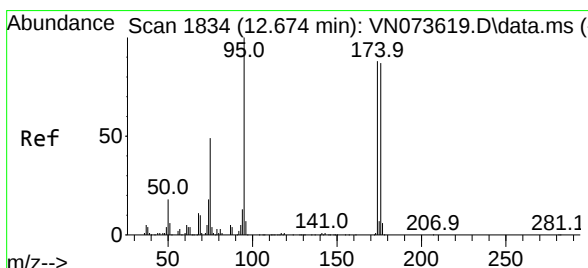
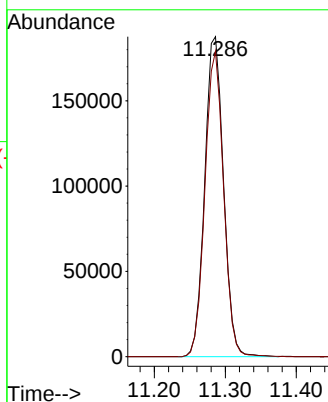
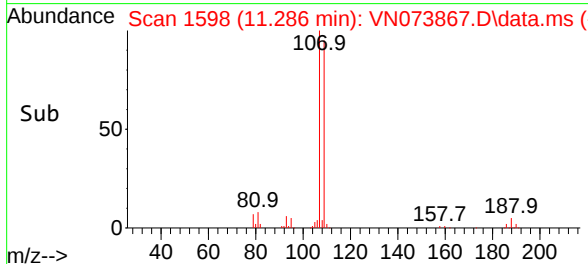
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



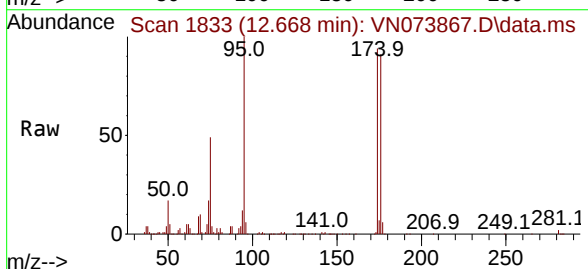
Tgt Ion:107 Resp: 34585
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.6

Manual Integrations
APPROVED

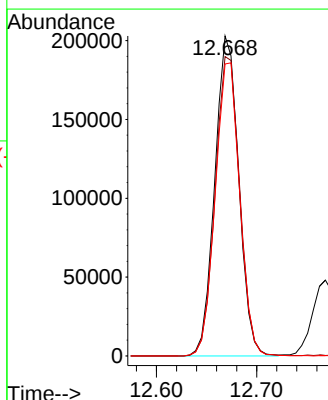
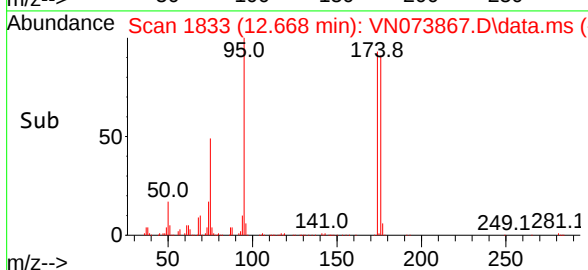
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022

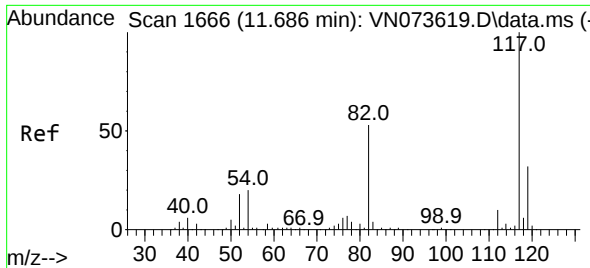


#62
4-Bromofluorobenzene
Concen: 52.916 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57



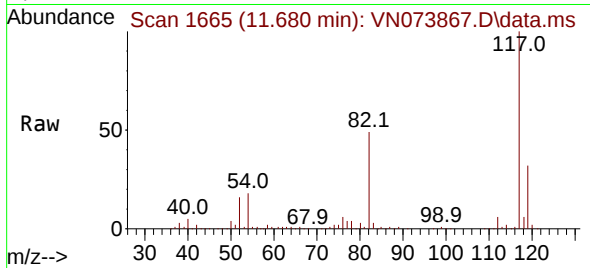
Tgt Ion: 95 Resp: 334914
Ion Ratio Lower Upper
95 100
174 96.1 0.0 167.6
176 94.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

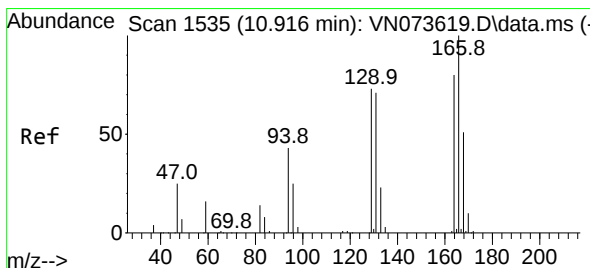
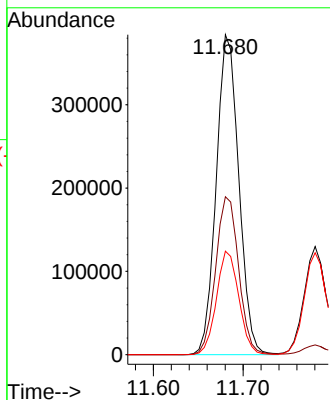
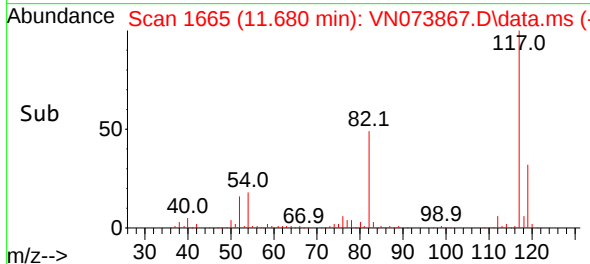
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 671844
Ion Ratio Lower Upper
117 100
82 49.4 44.2 66.2
119 32.4 25.4 38.0

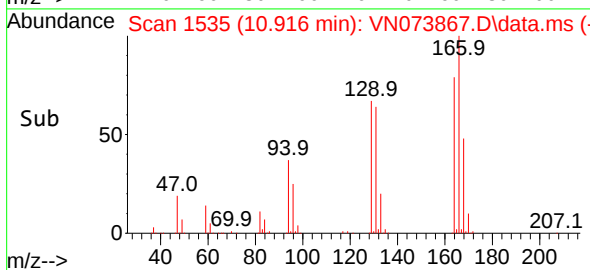
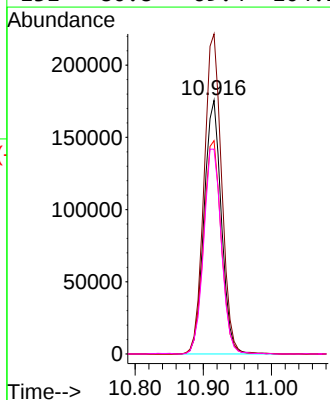
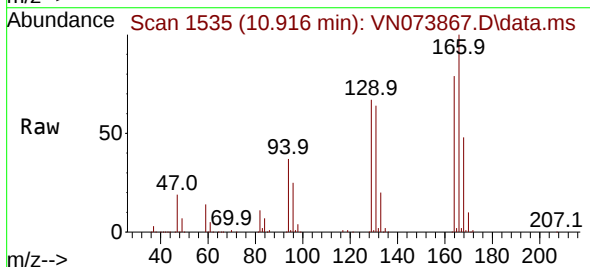
Manual Integrations
APPROVED

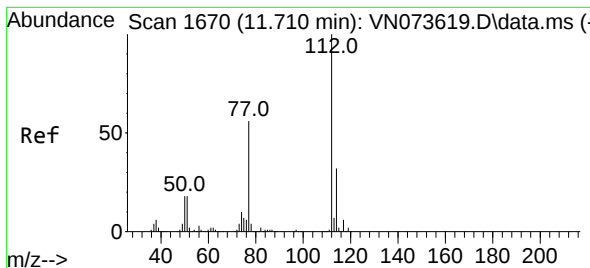
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#64
Tetrachloroethene
Concen: 58.148 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

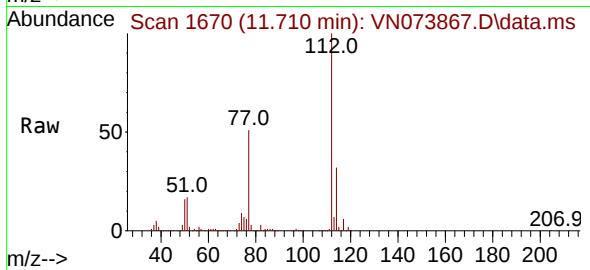
Tgt Ion:164 Resp: 310472
Ion Ratio Lower Upper
164 100
166 126.2 104.2 156.2
129 84.1 73.9 110.9
131 80.8 69.4 104.2





#65
Chlorobenzene
Concen: 60.158 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

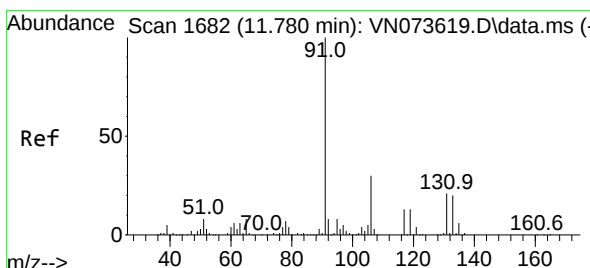
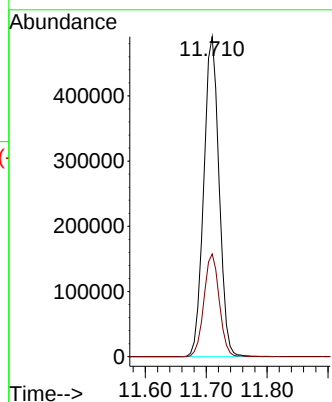
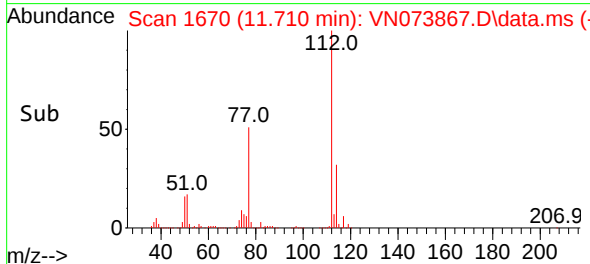
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



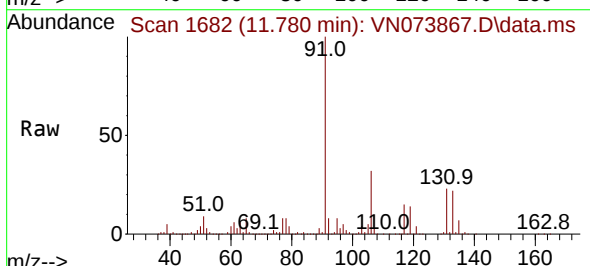
Tgt Ion:112 Resp: 85848
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

Manual Integrations
APPROVED

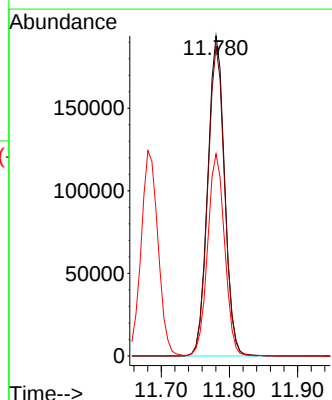
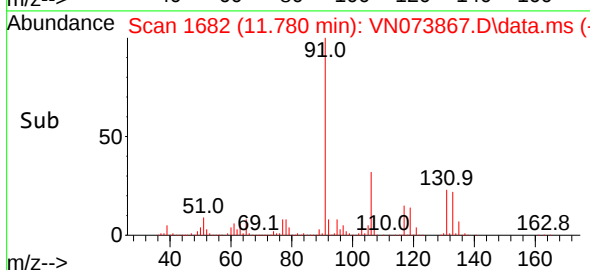
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022

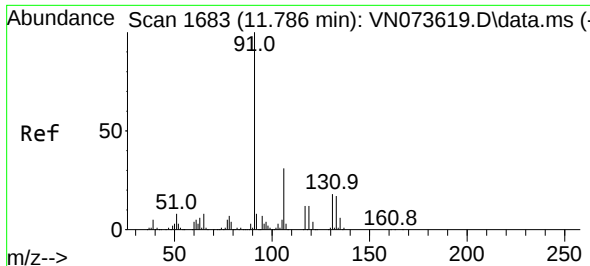


#66
1,1,1,2-Tetrachloroethane
Concen: 65.124 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57



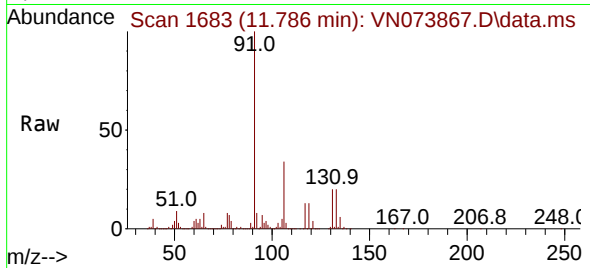
Tgt Ion:131 Resp: 333342
Ion Ratio Lower Upper
131 100
133 96.7 47.8 143.4
119 63.8 33.4 100.2





#67
Ethyl Benzene
Concen: 60.422 ug/l
RT: 11.786 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

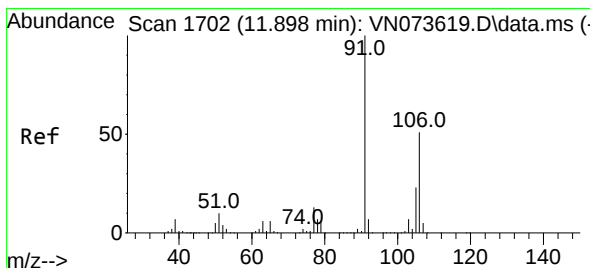
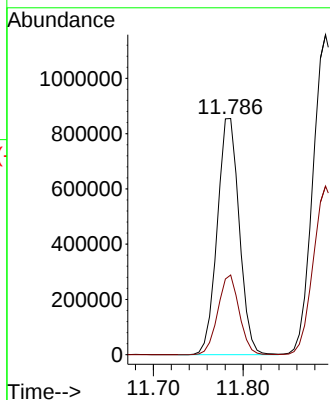
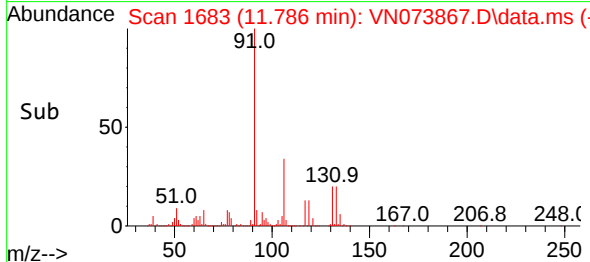
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



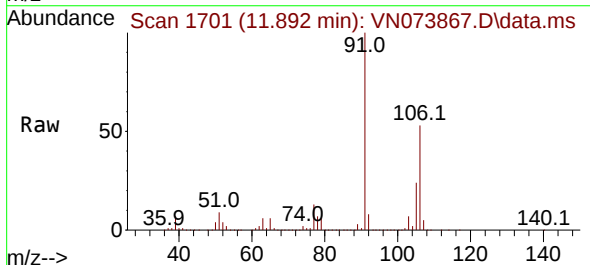
Tgt Ion: 91 Resp: 145466
Ion Ratio Lower Upper
91 100
106 33.8 24.9 37.3

Manual Integrations
APPROVED

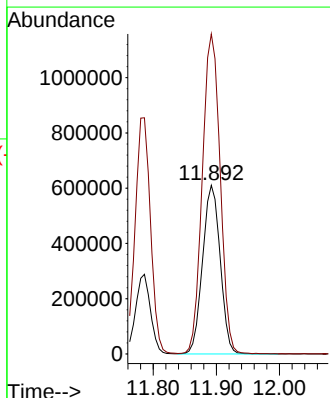
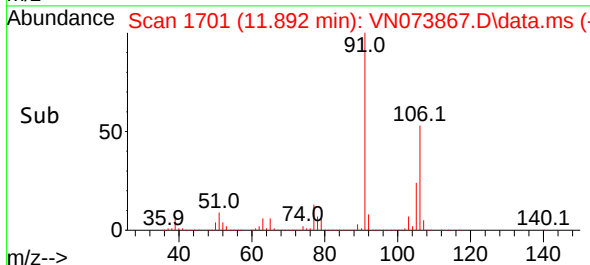
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022

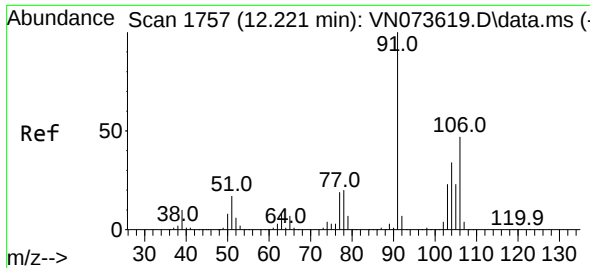


#68
m/p-Xylenes
Concen: 128.259 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57



Tgt Ion:106 Resp: 1177713
Ion Ratio Lower Upper
106 100
91 192.8 158.9 238.3





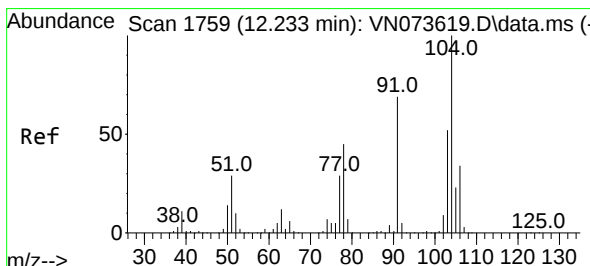
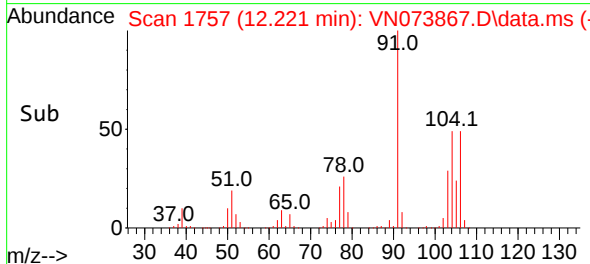
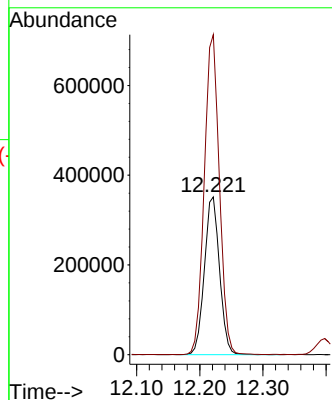
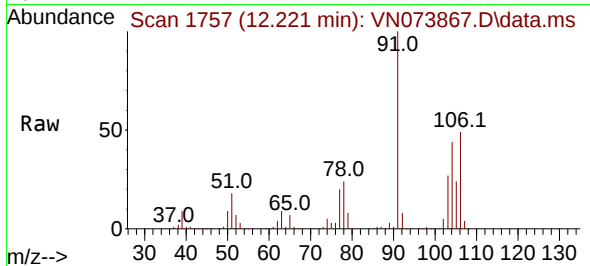
#69
o-Xylene
Concen: 65.380 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 585280
Ion Ratio Lower Upper
106 100
91 202.5 106.0 318.0

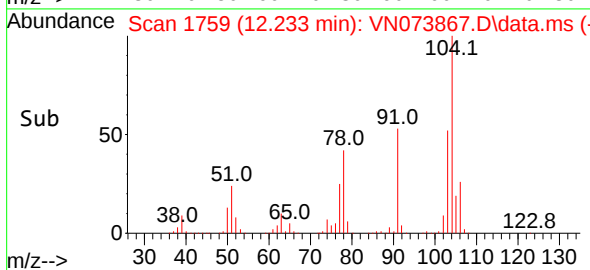
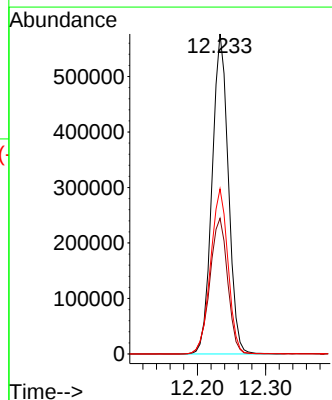
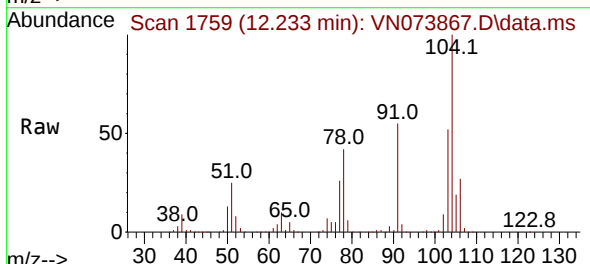
Manual Integrations
APPROVED

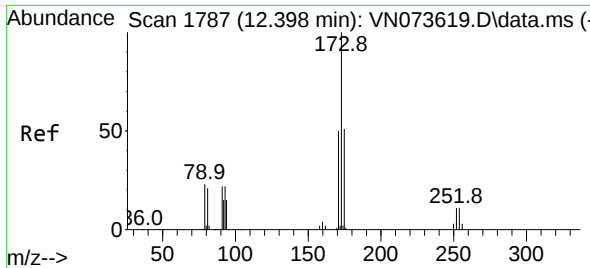
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#70
Styrene
Concen: 66.932 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

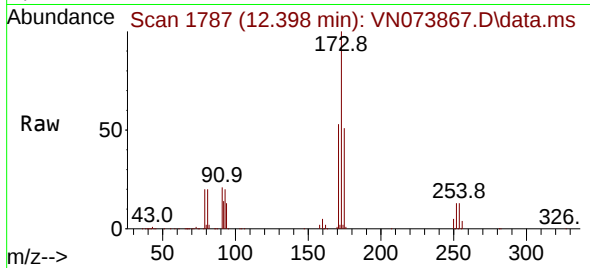
Tgt Ion:104 Resp: 959162
Ion Ratio Lower Upper
104 100
78 46.3 39.5 59.3
103 55.1 44.0 66.0





#71
Bromoform
Concen: 73.050 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

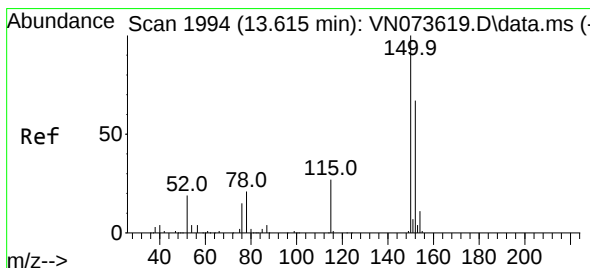
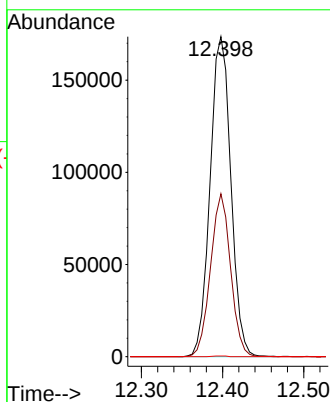
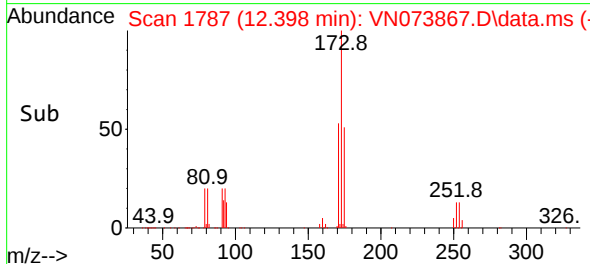
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



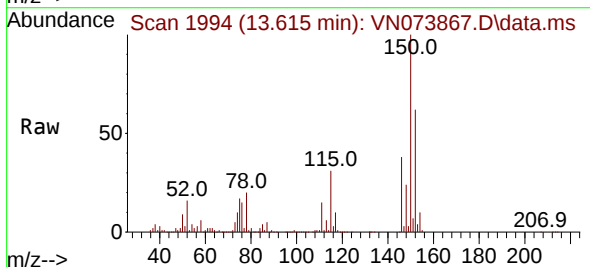
Tgt Ion:173 Resp: 308620
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.6
254 0.2 0.1 0.1

Manual Integrations
APPROVED

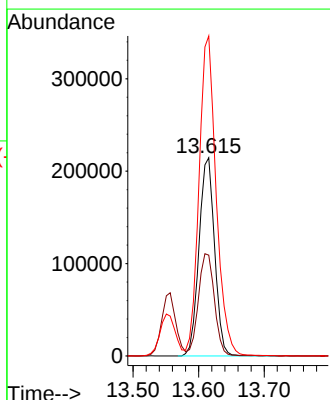
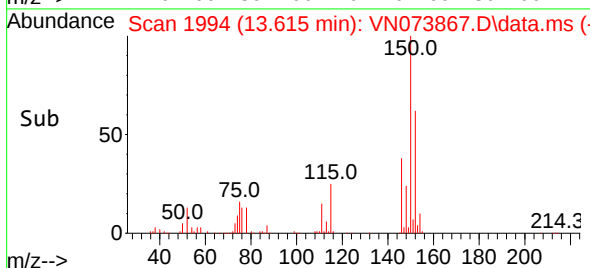
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022

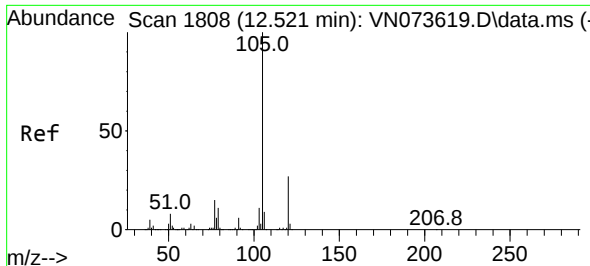


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57



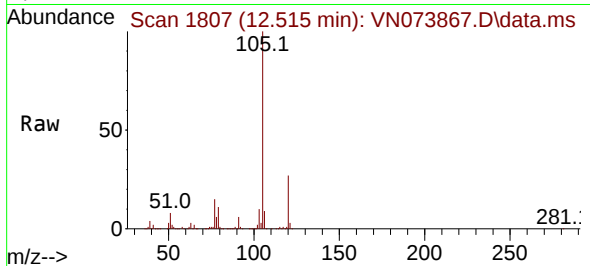
Tgt Ion:152 Resp: 356730
Ion Ratio Lower Upper
152 100
115 53.0 28.9 86.7
150 176.9 0.0 356.2





#73
Isopropylbenzene
Concen: 57.785 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

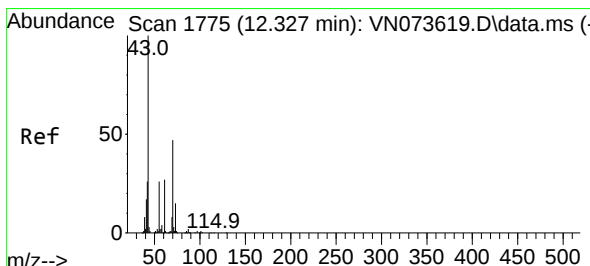
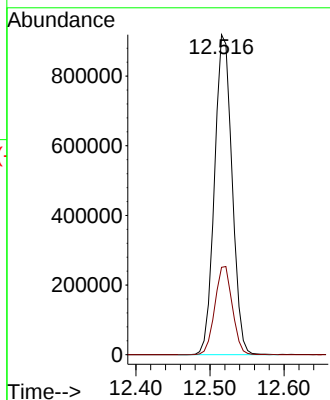
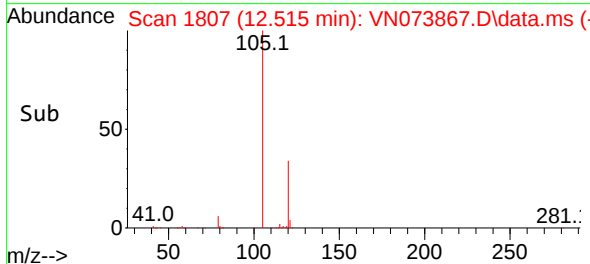
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 150898
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.4

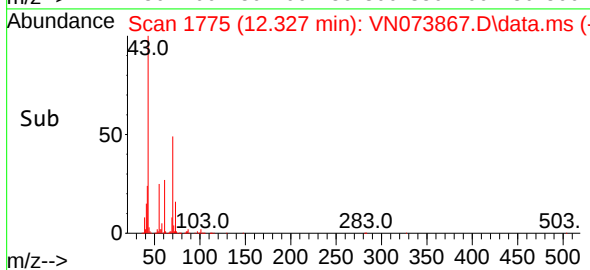
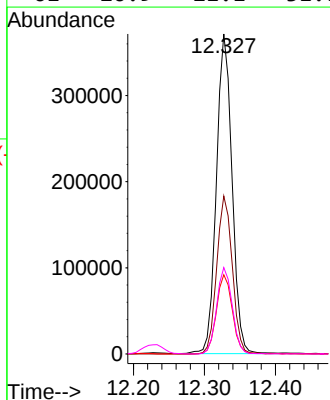
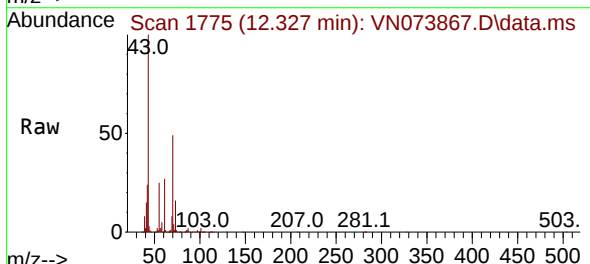
Manual Integrations
APPROVED

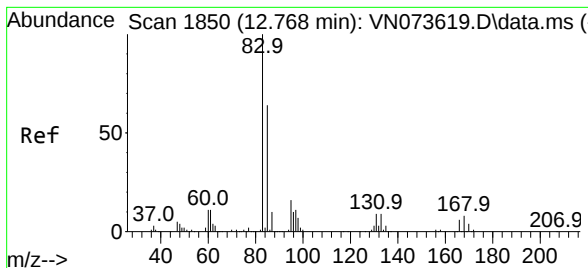
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#74
N-ethyl acetate
Concen: 57.231 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

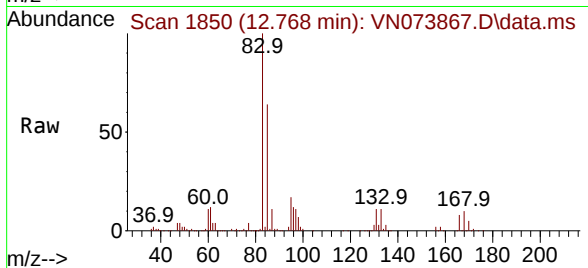
Tgt Ion: 43 Resp: 564663
Ion Ratio Lower Upper
43 100
70 49.3 39.0 58.4
55 25.2 21.1 31.7
61 26.9 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.311 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

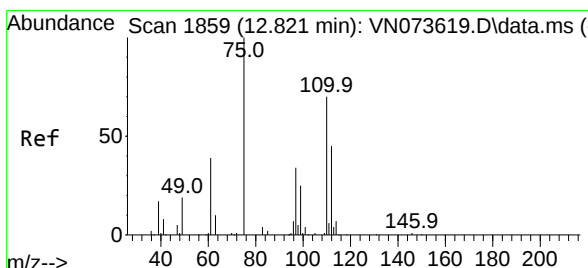
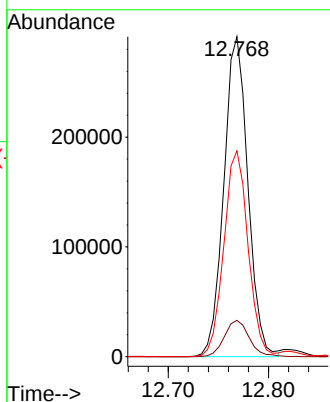
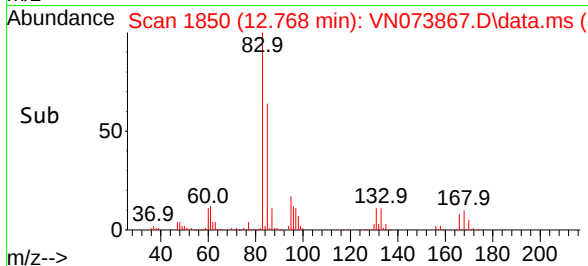
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



Tgt Ion: 83 Resp: 486820
Ion Ratio Lower Upper
83 100
131 11.7 5.3 15.9
85 64.8 32.3 96.9

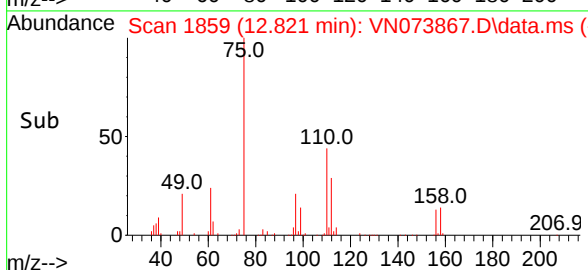
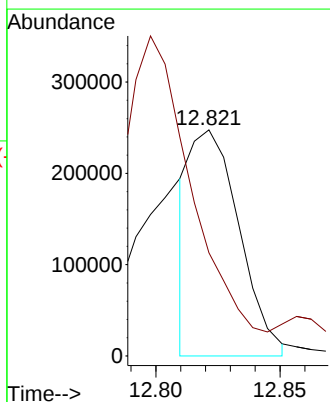
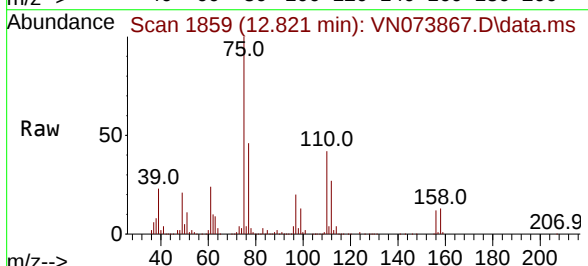
Manual Integrations
APPROVED

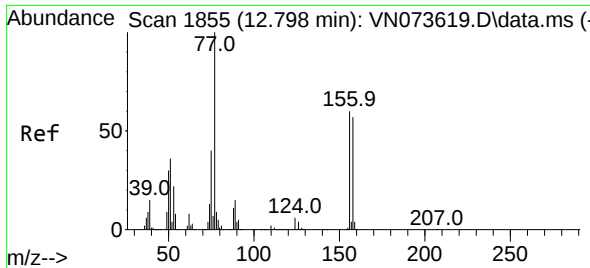
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#76
1,2,3-Trichloropropane
Concen: 52.263 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Tgt Ion: 75 Resp: 340585
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





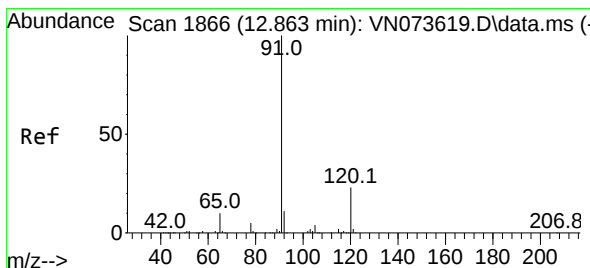
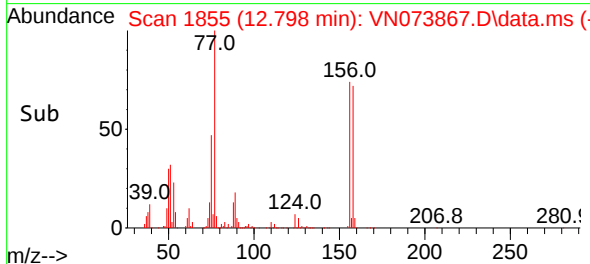
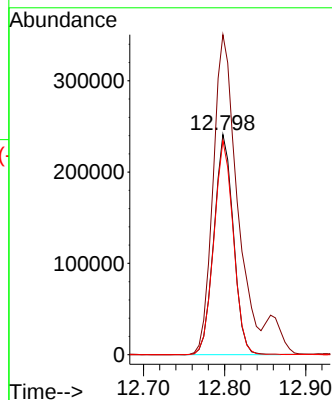
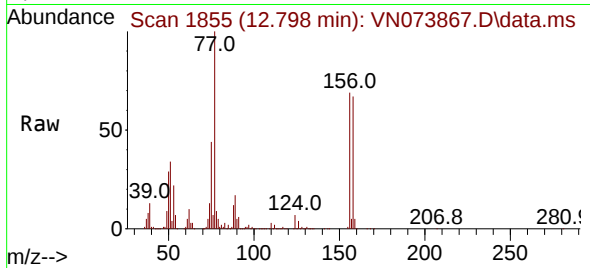
#77
Bromobenzene
Concen: 58.911 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 400621
Ion Ratio Lower Upper
156 100
77 178.8 100.5 301.5
158 97.7 48.9 146.6

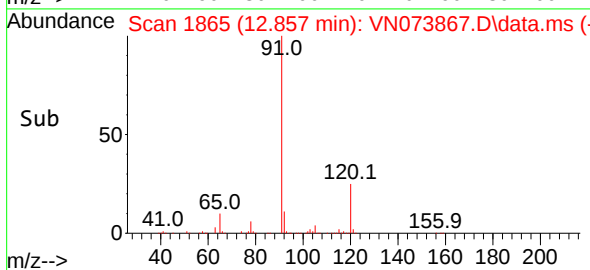
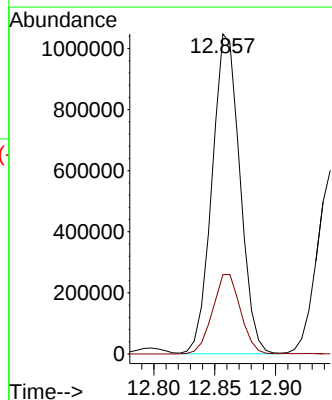
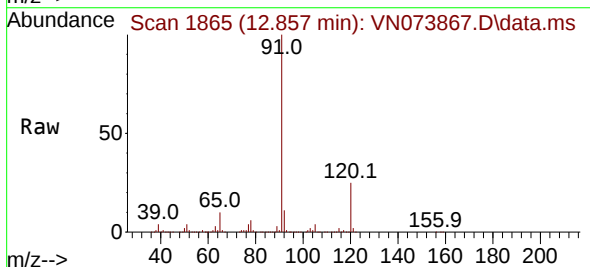
Manual Integrations
APPROVED

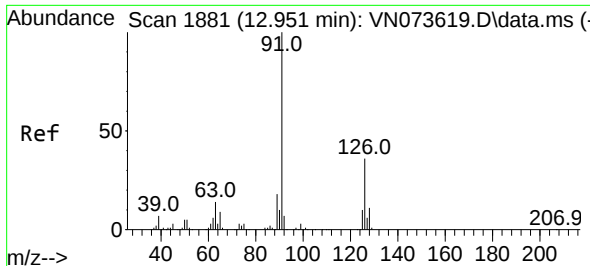
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#78
n-propylbenzene
Concen: 56.778 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Tgt Ion: 91 Resp: 1668288
Ion Ratio Lower Upper
91 100
120 25.0 11.9 35.5





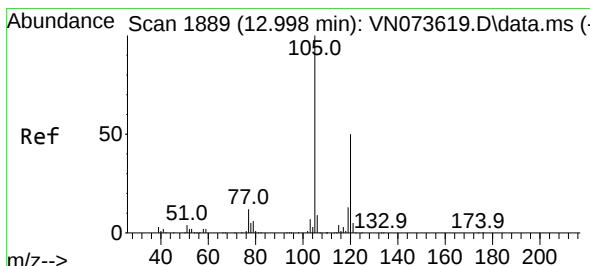
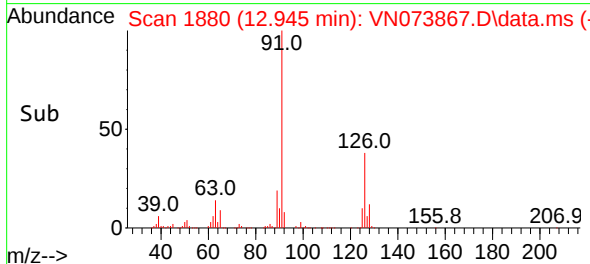
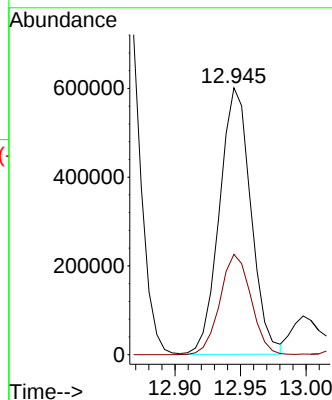
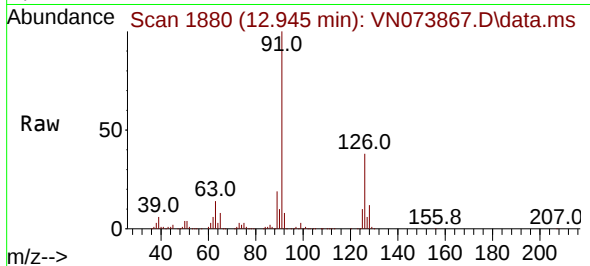
#79
2-Chlorotoluene
Concen: 54.753 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1004092
Ion Ratio Lower Upper
91 100
126 37.0 17.3 51.9

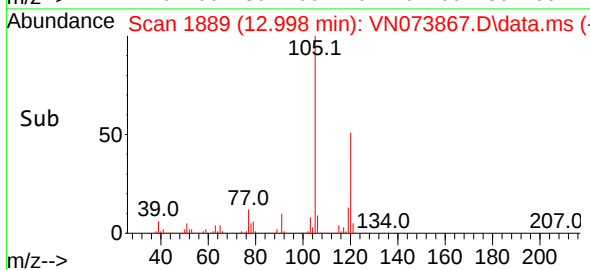
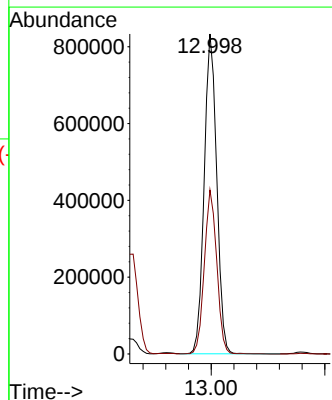
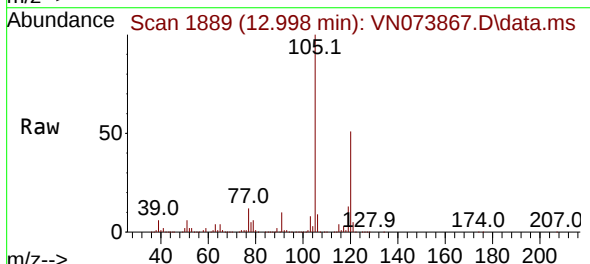
Manual Integrations
APPROVED

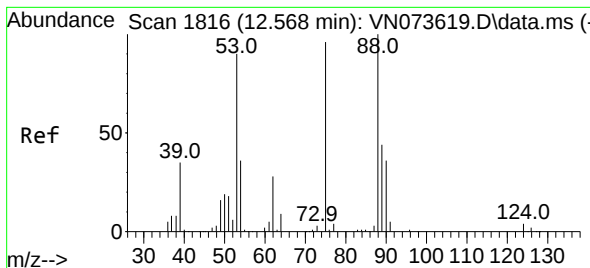
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 59.283 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Tgt Ion:105 Resp: 1273977
Ion Ratio Lower Upper
105 100
120 50.8 24.9 74.7





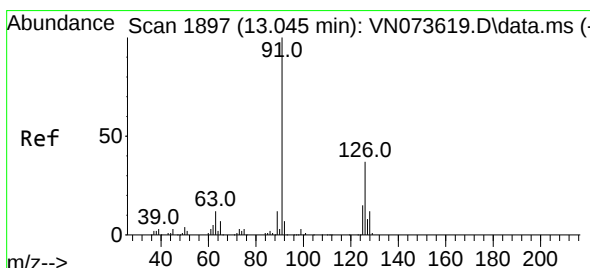
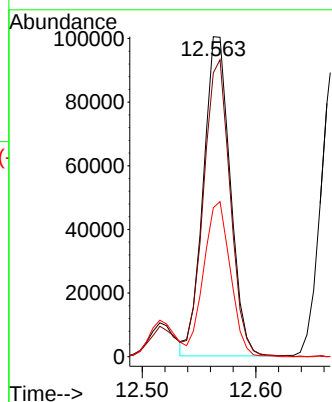
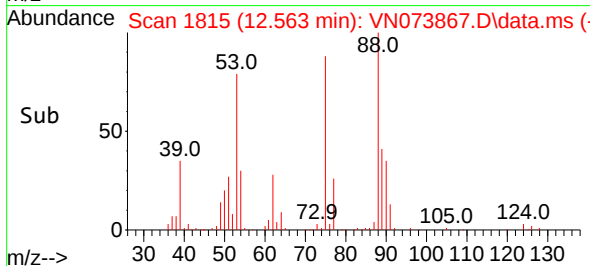
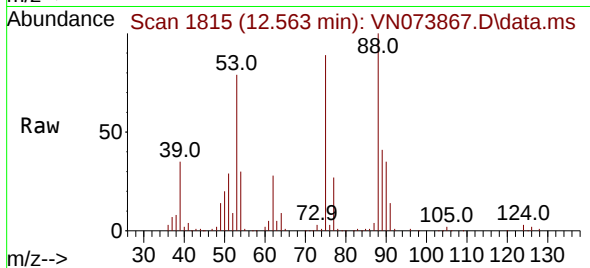
#81
trans-1,4-Dichloro-2-butene
Concen: 59.967 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 165070
Ion Ratio Lower Upper
75 100
53 92.9 78.0 117.0
89 48.2 37.2 55.8

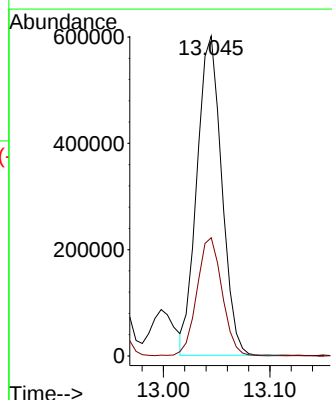
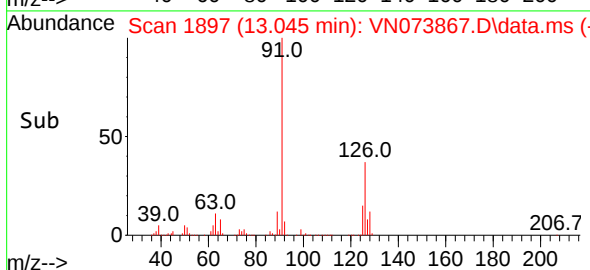
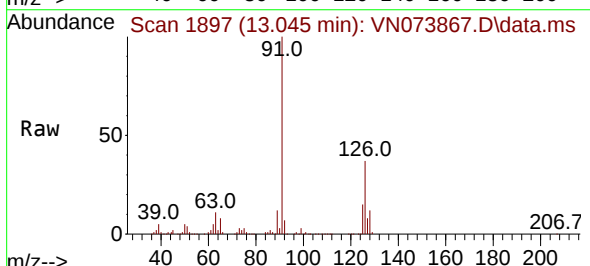
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#82
4-Chlorotoluene
Concen: 55.862 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

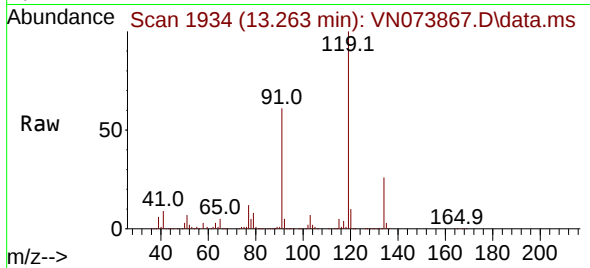
Tgt Ion: 91 Resp: 970928
Ion Ratio Lower Upper
91 100
126 37.6 17.2 51.6





#83
tert-Butylbenzene
Concen: 60.608 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

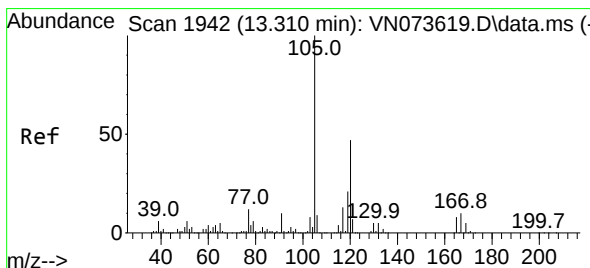
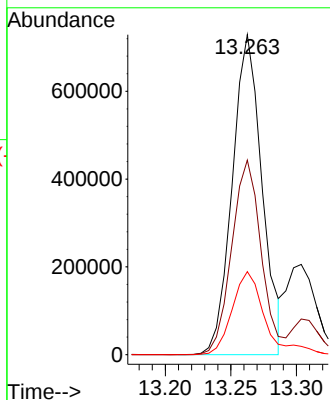
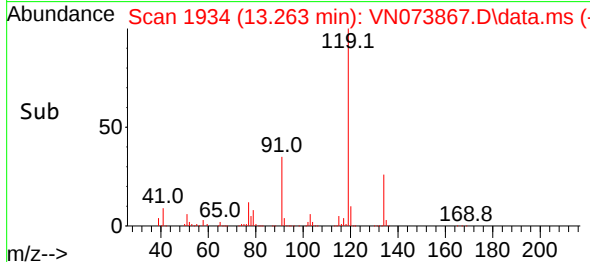
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



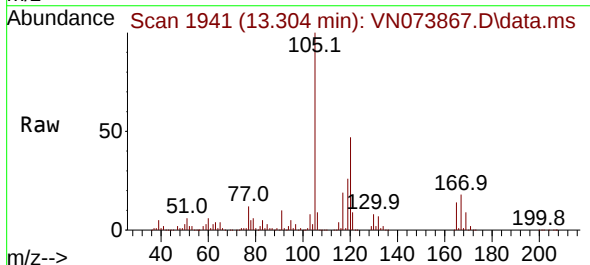
Tgt Ion:119 Resp: 1153658
Ion Ratio Lower Upper
119 100
91 60.7 31.6 94.8
134 28.5 13.7 41.1

Manual Integrations
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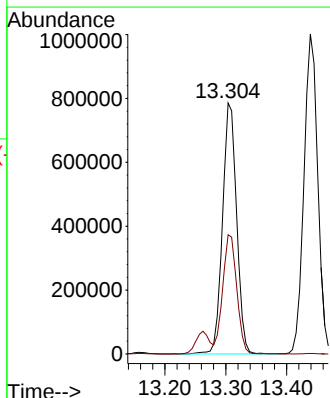
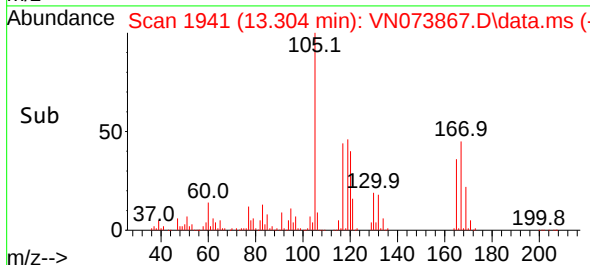
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022

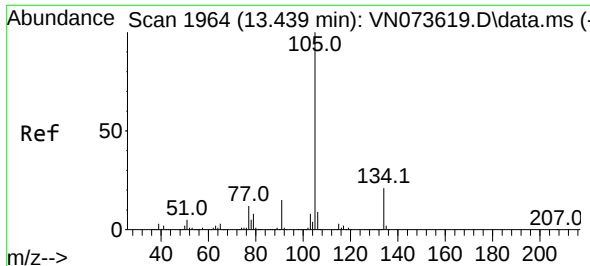


#84
1,2,4-Trimethylbenzene
Concen: 59.804 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57



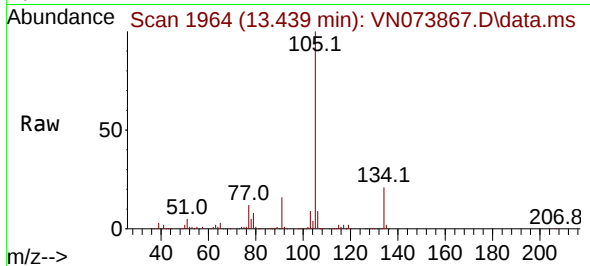
Tgt Ion:105 Resp: 1263704
Ion Ratio Lower Upper
105 100
120 47.2 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 59.822 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073867.D
 Acq: 13 Aug 2022 12:57

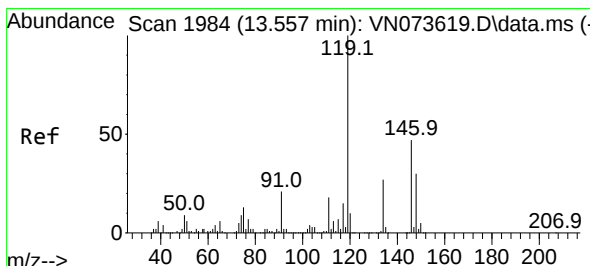
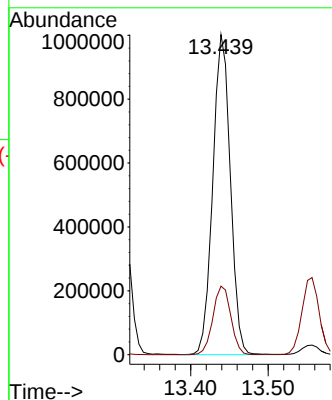
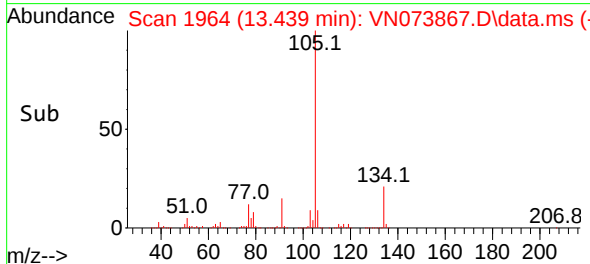
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



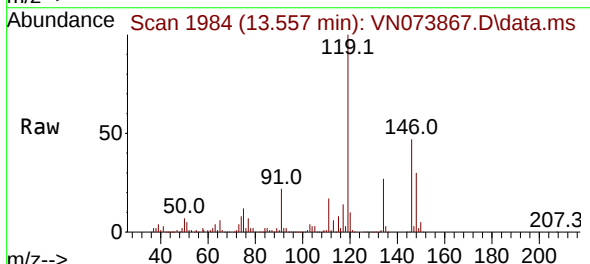
Tgt Ion:105 Resp: 1573809
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.4 31.1

Manual Integrations
 APPROVED

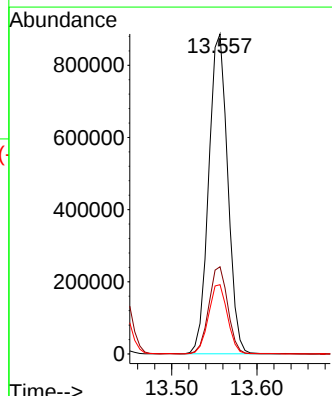
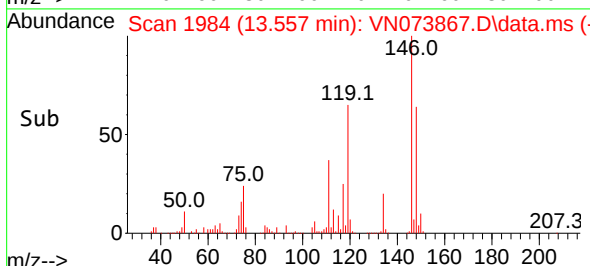
Reviewed By :John Carlone 08/15/2022
 Supervised By :Mahesh Dadoda 08/16/2022

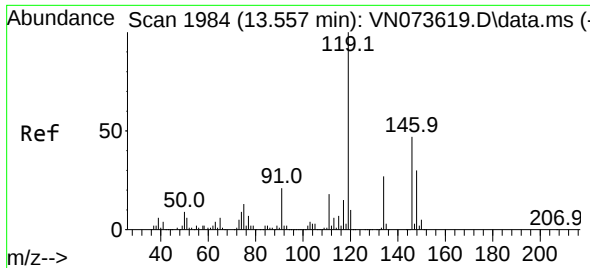


#86
 p-Isopropyltoluene
 Concen: 66.075 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073867.D
 Acq: 13 Aug 2022 12:57



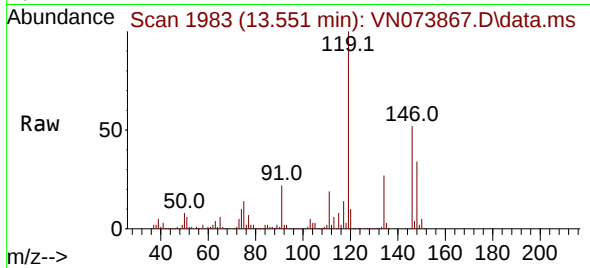
Tgt Ion:119 Resp: 1370341
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.3 39.8
 91 21.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 58.522 ug/l
RT: 13.551 min Scan# 1984
Delta R.T. -0.006 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

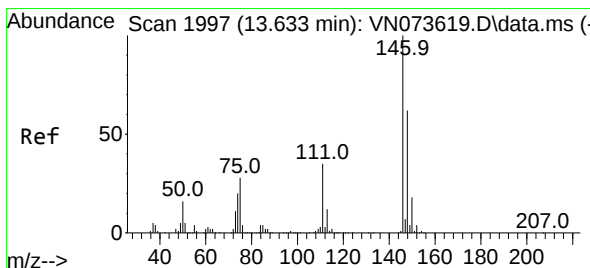
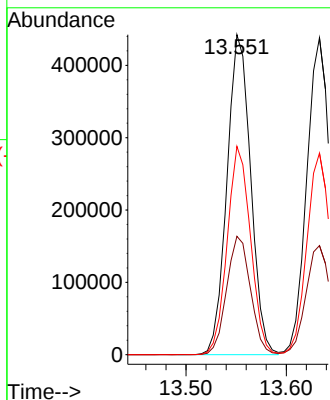
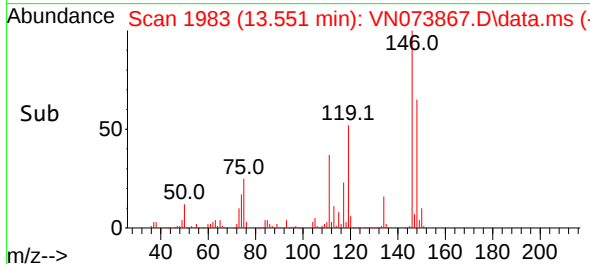
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 726427
Ion Ratio Lower Upper
146 100
111 37.2 20.0 60.0
148 64.2 32.0 96.0

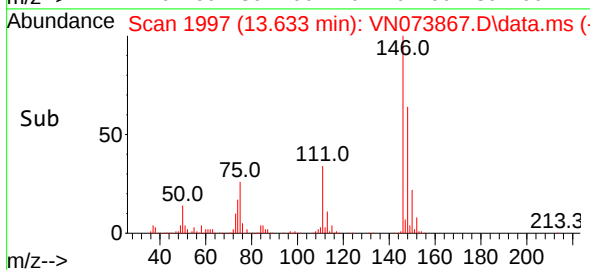
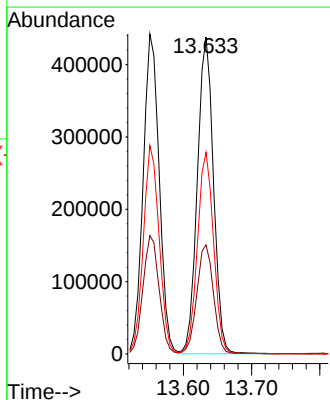
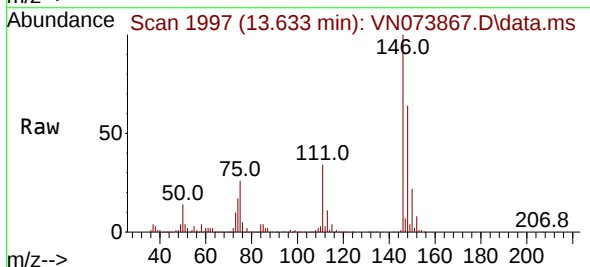
Manual Integrations
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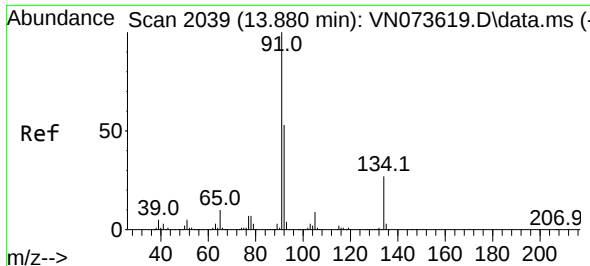
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#88
1,4-Dichlorobenzene
Concen: 57.982 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

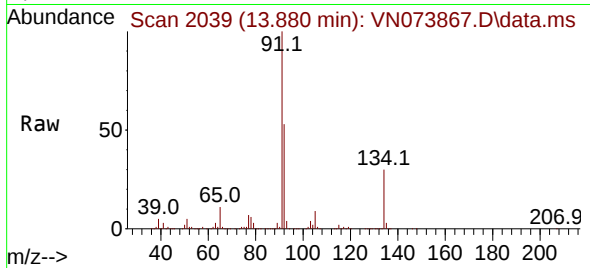
Tgt Ion:146 Resp: 720124
Ion Ratio Lower Upper
146 100
111 35.1 19.1 57.1
148 63.5 31.4 94.3





#89
n-Butylbenzene
Concen: 63.607 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

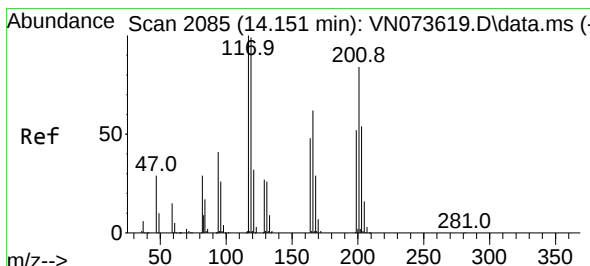
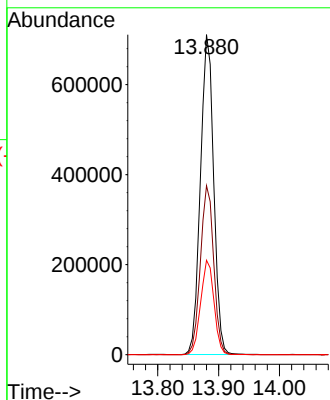
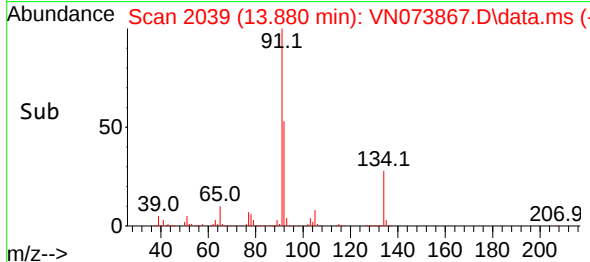
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 107334
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.7
134 29.7 13.6 40.8

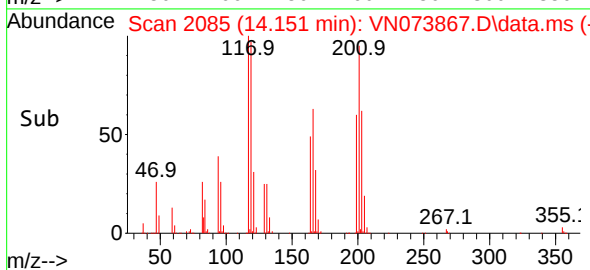
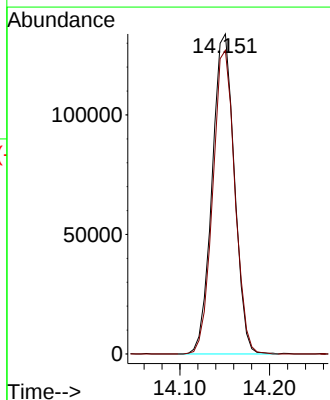
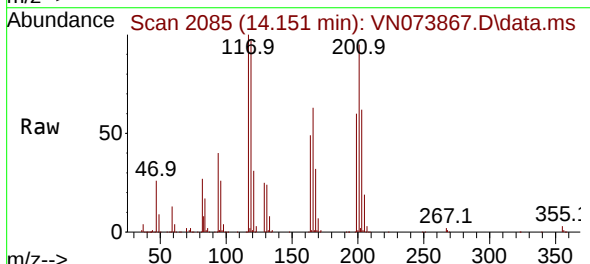
Manual Integrations
APPROVED

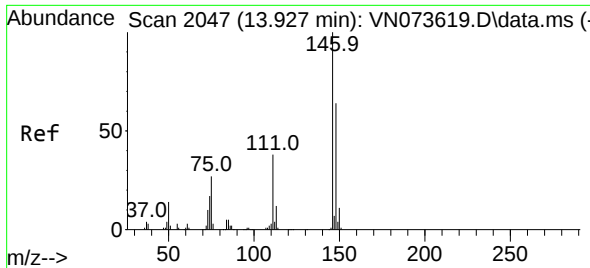
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#90
Hexachloroethane
Concen: 55.972 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

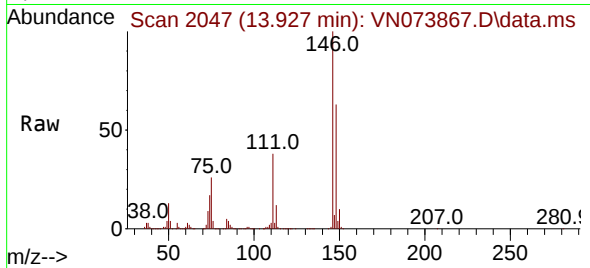
Tgt Ion:117 Resp: 230315
Ion Ratio Lower Upper
117 100
201 94.2 40.6 122.0





#91
 1,2-Dichlorobenzene
 Concen: 57.957 ug/l
 RT: 13.927 min Scan# 2047
 Delta R.T. -0.000 min
 Lab File: VN073867.D
 Acq: 13 Aug 2022 12:57

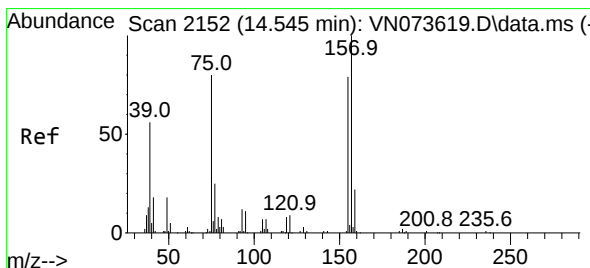
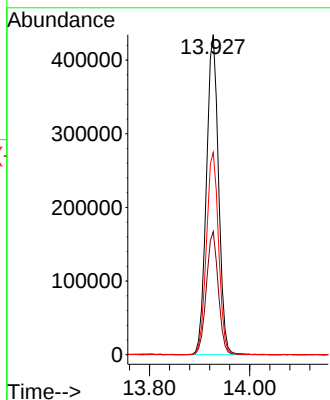
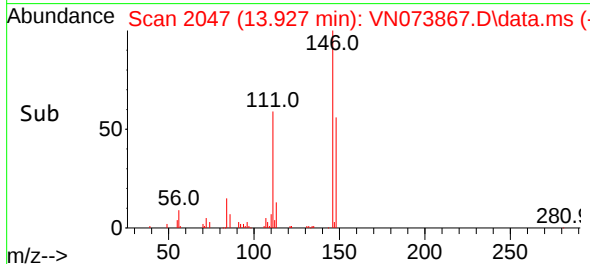
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:146 Resp: 729000
 Ion Ratio Lower Upper
 146 100
 111 38.0 20.9 62.8
 148 63.6 32.1 96.3

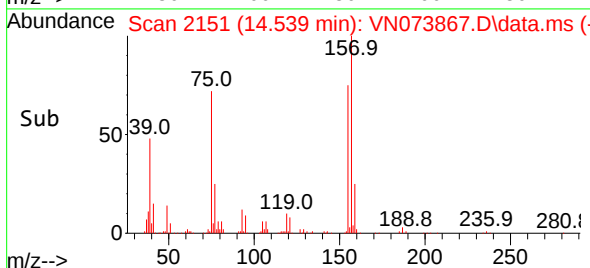
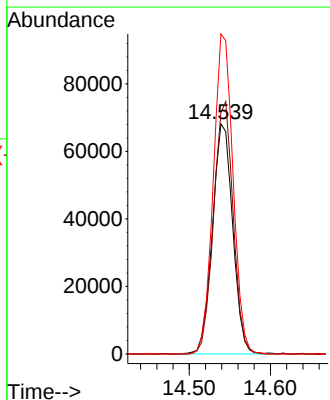
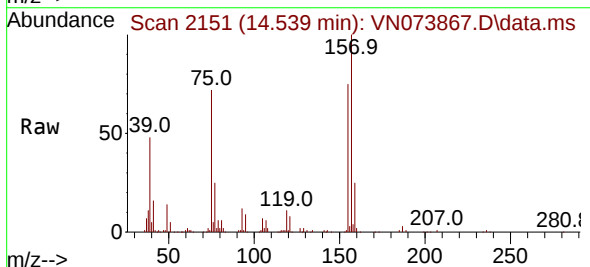
Manual Integrations
 APPROVED

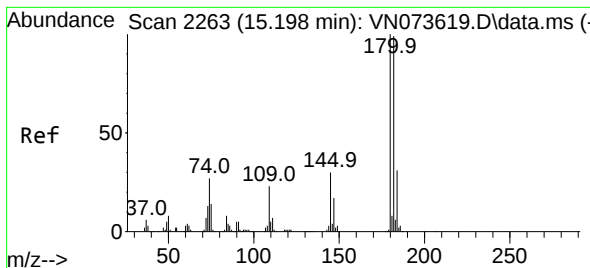
Reviewed By :John Carlone 08/15/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.559 ug/l
 RT: 14.539 min Scan# 2151
 Delta R.T. -0.006 min
 Lab File: VN073867.D
 Acq: 13 Aug 2022 12:57

Tgt Ion: 75 Resp: 118561
 Ion Ratio Lower Upper
 75 100
 155 105.5 44.9 134.5
 157 135.3 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 77.898 ug/l

RT: 15.198 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN073867.D

Acq: 13 Aug 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

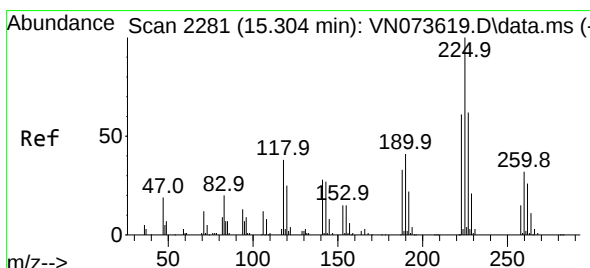
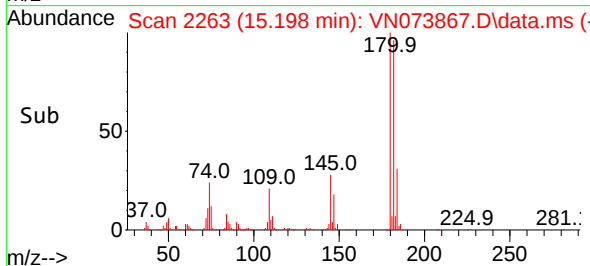
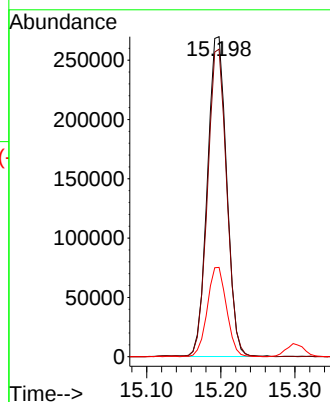
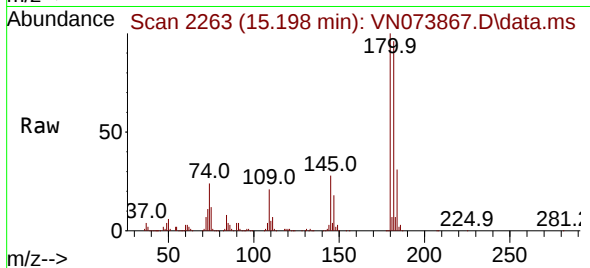
Tgt Ion:180 Resp: 486583
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.5 142.5
 145 27.9 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2022

Supervised By :Mahesh Dadoda 08/16/2022



#94

Hexachlorobutadiene

Concen: 70.407 ug/l

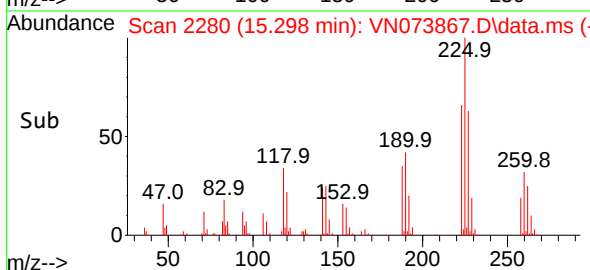
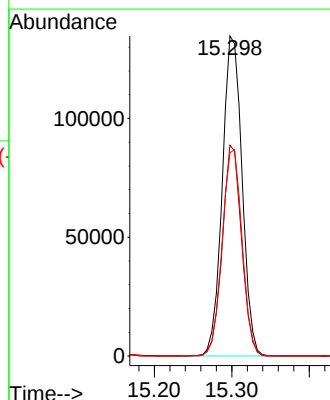
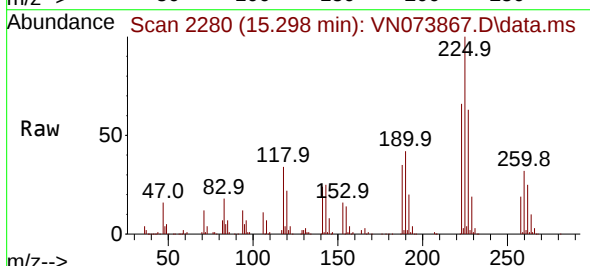
RT: 15.298 min Scan# 2280

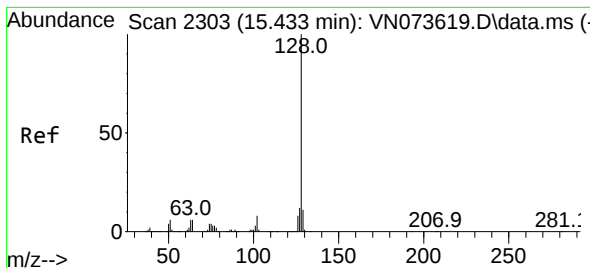
Delta R.T. -0.006 min

Lab File: VN073867.D

Acq: 13 Aug 2022 12:57

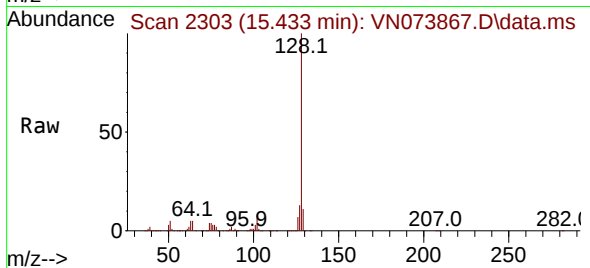
Tgt Ion:225 Resp: 239090
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.4 97.2
 227 65.2 31.8 95.4





#95
Naphthalene
Concen: 79.520 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

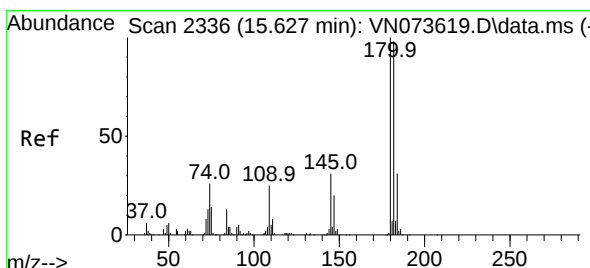
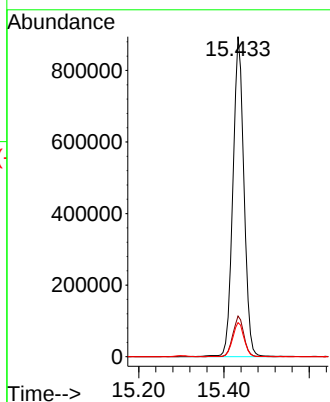
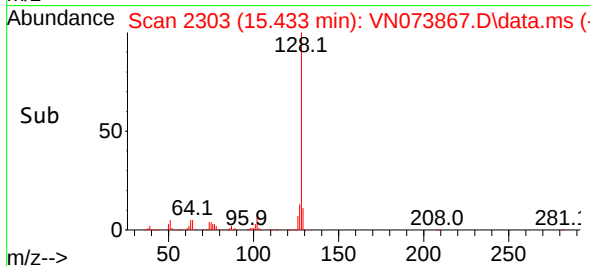
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 161186
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 76.303 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VN073867.D
Acq: 13 Aug 2022 12:57

Tgt Ion:180 Resp: 501633
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.3
145 28.2 15.5 46.5

