

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073968.D
 Acq On : 17 Aug 2022 11:43
 Operator : JC\MD
 Sample : VN0817WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

Quant Time: Aug 17 15:30:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/17/2022
 Supervised By : Mahesh Dadoda 08/18/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	616622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	894721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	804302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	404272	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.369	65	312255	51.992	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.980%	
35) Dibromofluoromethane	7.951	113	274839	51.942	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.880%	
50) Toluene-d8	10.381	98	1048276	51.154	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	12.669	95	358215	52.670	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.340%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	98030	20.050	ug/l	94
3) Chloromethane	2.269	50	106176	19.528	ug/l	98
4) Vinyl Chloride	2.405	62	130547	18.703	ug/l	94
5) Bromomethane	2.810	94	77400	17.758	ug/l	97
6) Chloroethane	2.969	64	90593	18.372	ug/l	94
7) Trichlorofluoromethane	3.322	101	173538	19.274	ug/l	97
8) Diethyl Ether	3.769	74	65258	19.524	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.146	101	101322	19.371	ug/l	93
10) Methyl Iodide	4.351	142	80628	12.840	ug/l	99
11) Tert butyl alcohol	5.287	59	131935	98.208	ug/l	99
12) 1,1-Dichloroethene	4.110	96	92765	19.062	ug/l	90
13) Acrolein	3.981	56	99331	105.633	ug/l	97
14) Allyl chloride	4.763	41	140812	19.537	ug/l	99
15) Acrylonitrile	5.475	53	336010	102.447	ug/l	99
16) Acetone	4.222	43	275445	97.210	ug/l	96
17) Carbon Disulfide	4.463	76	209004	18.062	ug/l	100
18) Methyl Acetate	4.775	43	158829	20.950	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	339369	19.362	ug/l	95
20) Methylene Chloride	5.016	84	109941	18.388	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	99382	18.536	ug/l	94
22) Diisopropyl ether	6.410	45	306040	20.027	ug/l	98
23) Vinyl Acetate	6.351	43	1328776	101.467	ug/l	96
24) 1,1-Dichloroethane	6.304	63	183315	19.272	ug/l	96
25) 2-Butanone	7.257	43	463258	103.111	ug/l	97
26) 2,2-Dichloropropane	7.251	77	163010	18.240	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	125633	18.992	ug/l	93
28) Bromochloromethane	7.581	49	67302	19.184	ug/l	89
29) Tetrahydrofuran	7.610	42	303792	105.409	ug/l	98
30) Chloroform	7.745	83	204639	19.239	ug/l	98
31) Cyclohexane	8.022	56	164080	19.598	ug/l	95
32) 1,1,1-Trichloroethane	7.939	97	181310	19.222	ug/l	97
36) 1,1-Dichloropropene	8.151	75	139780	19.019	ug/l	98
37) Ethyl Acetate	7.340	43	176496	19.823	ug/l	99
38) Carbon Tetrachloride	8.134	117	155373	18.496	ug/l	93
39) Methylcyclohexane	9.392	83	179147	19.454	ug/l	96
40) Benzene	8.392	78	444047	19.143	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	86086	21.395	ug/l	94
42) 1,2-Dichloroethane	8.463	62	154254	19.340	ug/l	98
43) Isopropyl Acetate	8.492	43	252306	19.891	ug/l	97
44) Trichloroethene	9.151	130	123983	18.506	ug/l	97
45) 1,2-Dichloropropane	9.428	63	110732	19.917	ug/l	99
46) Dibromomethane	9.516	93	81015	19.166	ug/l	93
47) Bromodichloromethane	9.698	83	157011	19.434	ug/l	99
48) Methyl methacrylate	9.498	41	110060	20.279	ug/l	88
49) 1,4-Dioxane	9.498	88	62529	387.420	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	894412	104.295	ug/l	100
52) Toluene	10.445	92	293882	18.476	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	161160	19.009	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	178671	19.262	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	119207	19.266	ug/l	99
56) Ethyl methacrylate	10.698	69	181247	20.539	ug/l	96
57) 1,3-Dichloropropane	10.986	76	196694	19.552	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	433990	105.373	ug/l	96
59) 2-Hexanone	11.022	43	690665	104.647	ug/l	100
60) Dibromochloromethane	11.180	129	132559	19.374	ug/l	99
61) 1,2-Dibromoethane	11.286	107	124446	18.805	ug/l	97
64) Tetrachloroethene	10.916	164	114095	17.973	ug/l	97
65) Chlorobenzene	11.710	112	319826	18.710	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	124188	19.186	ug/l	99
67) Ethyl Benzene	11.786	91	541784	19.059	ug/l	96
68) m/p-Xylenes	11.892	106	436996	37.835	ug/l	98
69) o-Xylene	12.222	106	217481	18.777	ug/l	97
70) Styrene	12.233	104	345260	19.040	ug/l	98
71) Bromoform	12.398	173	105381	18.235	ug/l #	100
73) Isopropylbenzene	12.522	105	557325	18.932	ug/l	99
74) N-amyl acetate	12.327	43	204318	18.360	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	191166	19.352	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	162852m	19.381	ug/l	
77) Bromobenzene	12.798	156	145955	18.317	ug/l	92
78) n-propylbenzene	12.863	91	617428	19.676	ug/l	99
79) 2-Chlorotoluene	12.945	91	378465	19.354	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	468708	19.575	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	54716	18.520	ug/l	99
82) 4-Chlorotoluene	13.045	91	361701	19.475	ug/l	96
83) tert-Butylbenzene	13.263	119	423499	19.220	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	469786	19.647	ug/l	100
85) sec-Butylbenzene	13.439	105	577450	20.218	ug/l	98
86) p-Isopropyltoluene	13.557	119	485058	19.935	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	260075	18.821	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	257174	18.364	ug/l	99
89) n-Butylbenzene	13.880	91	366723	19.028	ug/l	99
90) Hexachloroethane	14.151	117	84125	18.915	ug/l	90
91) 1,2-Dichlorobenzene	13.927	146	265884	18.633	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	43259	18.547	ug/l	88
93) 1,2,4-Trichlorobenzene	15.198	180	163455	18.821	ug/l	99
94) Hexachlorobutadiene	15.298	225	86238	18.837	ug/l	99
95) Naphthalene	15.433	128	530740	18.745	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	167793	18.692	ug/l	98

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ClientSampleId :
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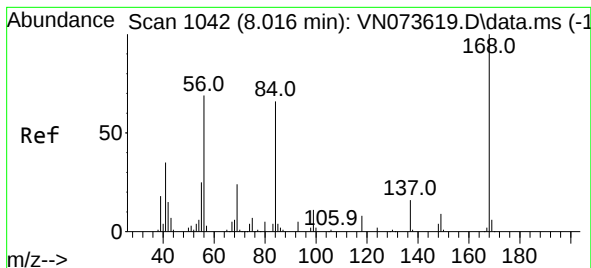
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/18/2022

Quant Time: Aug 17 15:30:29 2022
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Quant Title : SW846 8260
QLast Update : Tue Aug 16 00:45:21 2022
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VN073968.D

Acq: 17 Aug 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tgt Ion:168 Resp: 61662

Ion Ratio Lower Upper

168 100

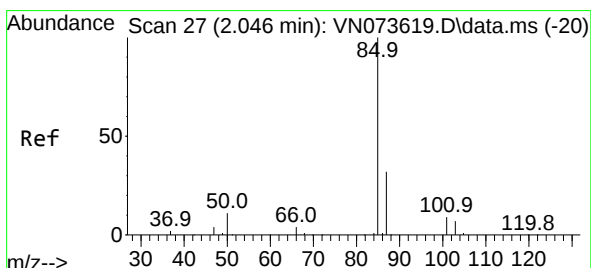
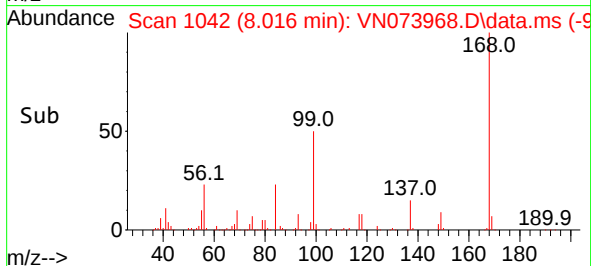
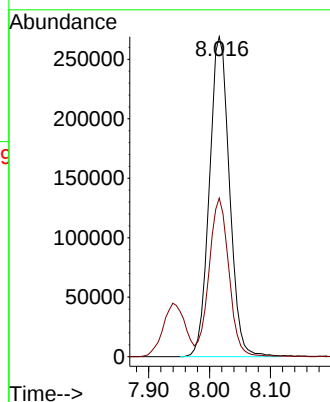
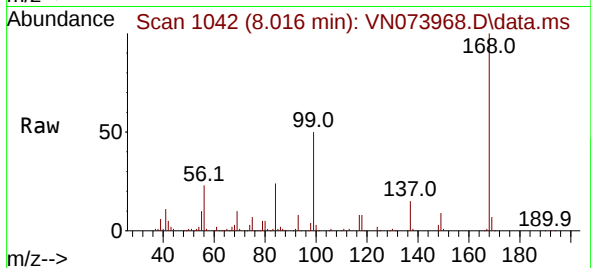
99 49.4 42.3 63.5

Manual Integrations

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Supervised By :Mahesh Dadoda 08/18/2022



#2

Dichlorodifluoromethane

Concen: 20.050 ug/l

RT: 2.046 min Scan# 27

Delta R.T. -0.000 min

Lab File: VN073968.D

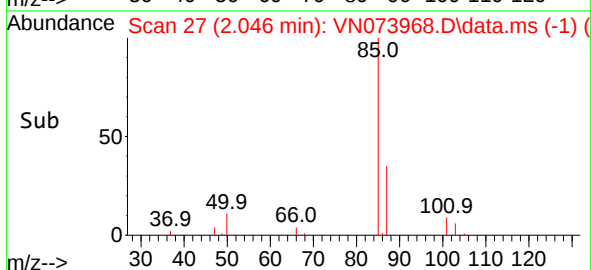
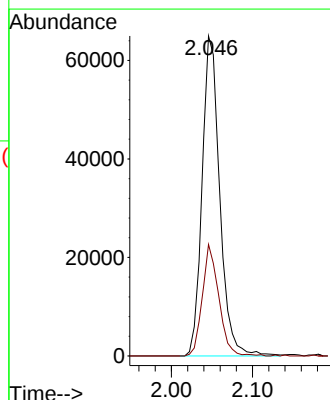
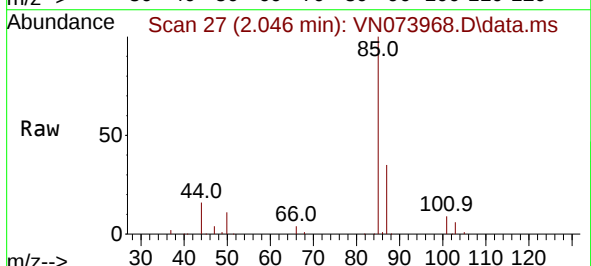
Acq: 17 Aug 2022 11:43

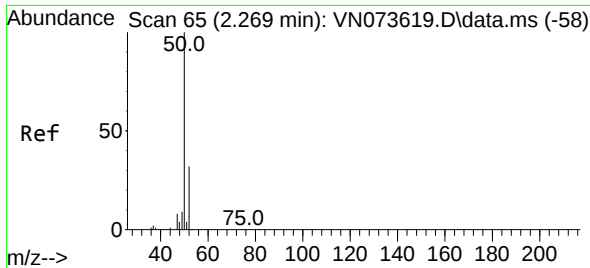
Tgt Ion: 85 Resp: 98030

Ion Ratio Lower Upper

85 100

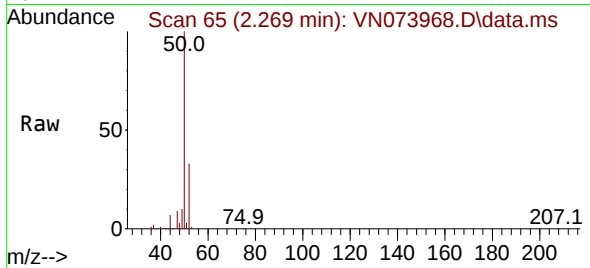
87 34.8 15.7 47.1





#3
Chloromethane
Concen: 19.528 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

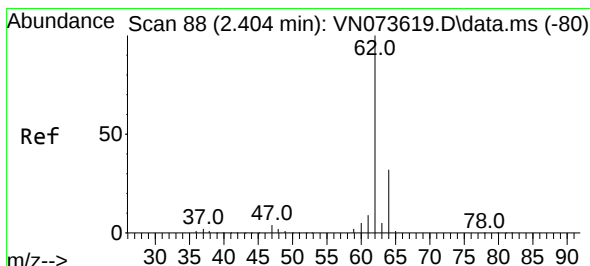
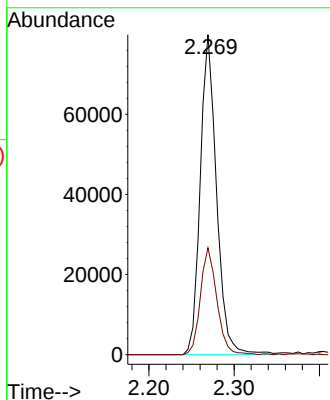
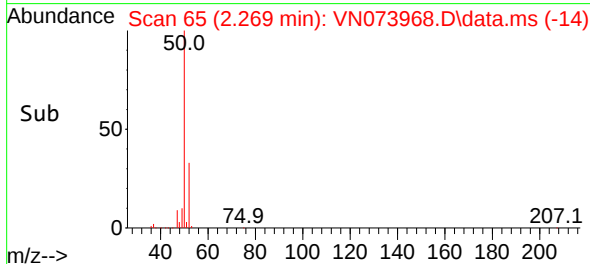
Instrument :
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Tgt Ion: 50 Resp: 106170
Ion Ratio Lower Upper
50 100
52 33.4 25.7 38.5

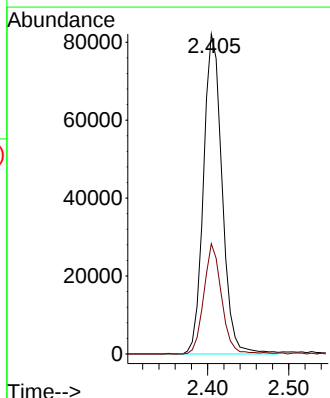
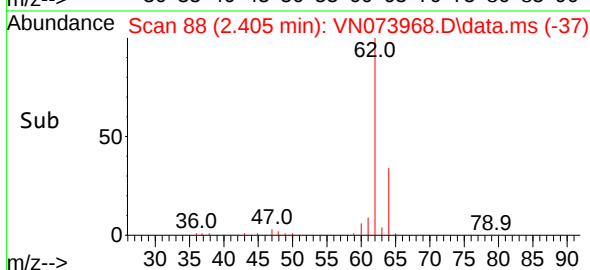
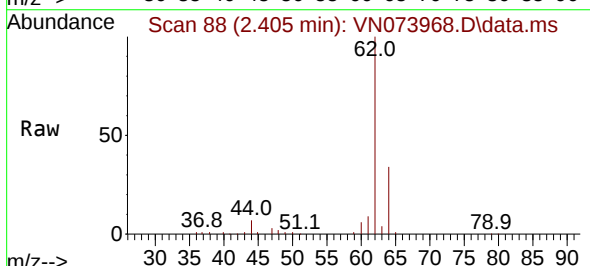
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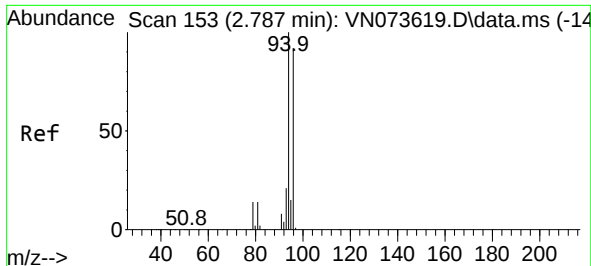
Reviewed By :John Carlone 08/17/2022
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#4
Vinyl Chloride
Concen: 18.703 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.001 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

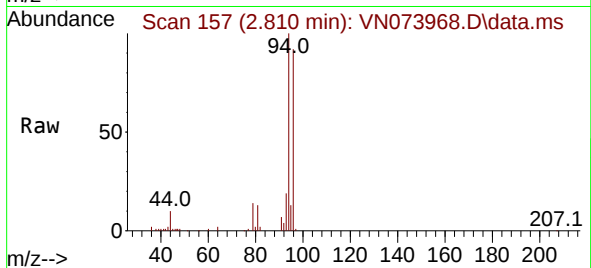
Tgt Ion: 62 Resp: 130547
Ion Ratio Lower Upper
62 100
64 34.4 25.0 37.4





#5
Bromomethane
Concen: 17.758 ug/l
RT: 2.810 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

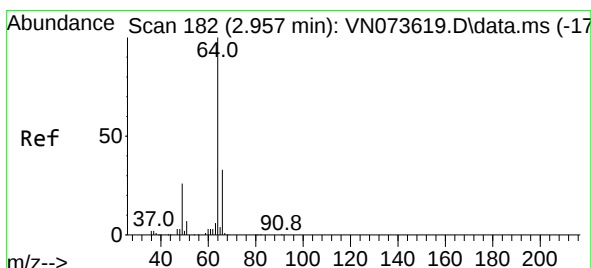
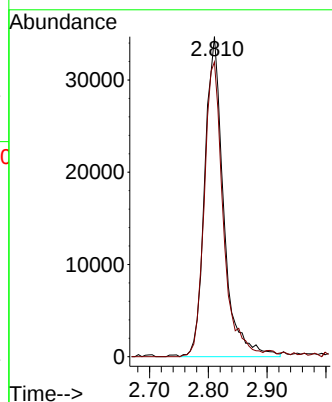
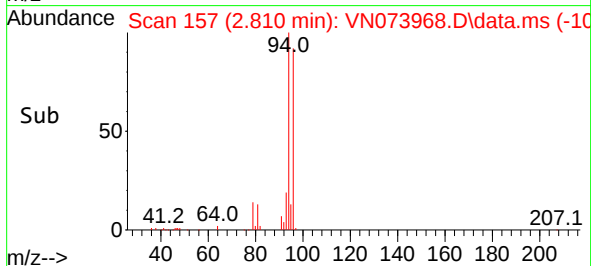
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Tgt Ion: 94 Resp: 77400
Ion Ratio Lower Upper
94 100
96 92.1 76.0 114.0

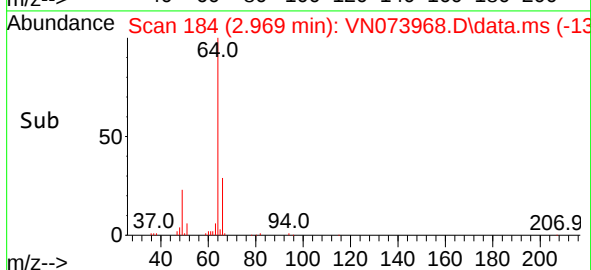
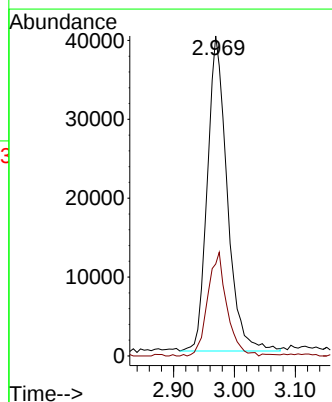
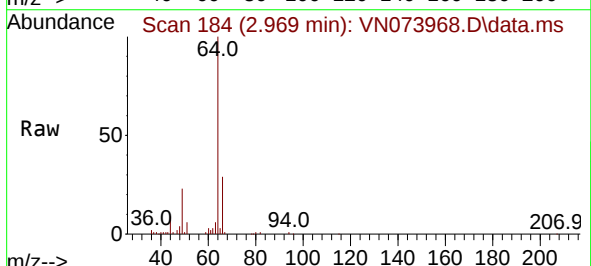
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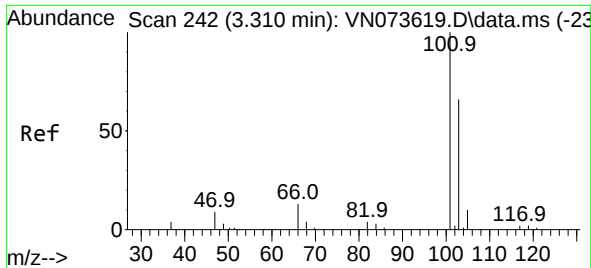
Reviewed By :John Carlone 08/17/2022
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#6
Chloroethane
Concen: 18.372 ug/l
RT: 2.969 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

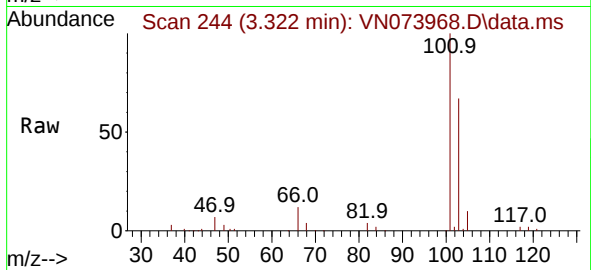
Tgt Ion: 64 Resp: 90593
Ion Ratio Lower Upper
64 100
66 29.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 19.274 ug/l
RT: 3.322 min Scan# 242
Delta R.T. 0.012 min
Lab File: VN073968.D
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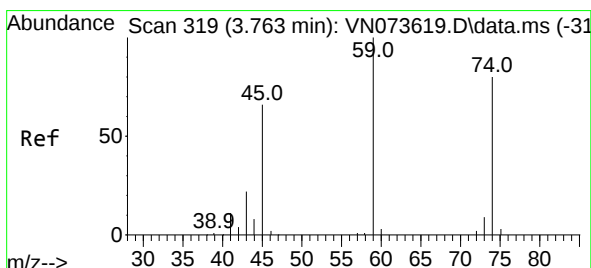
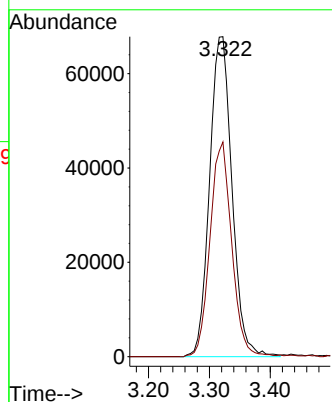
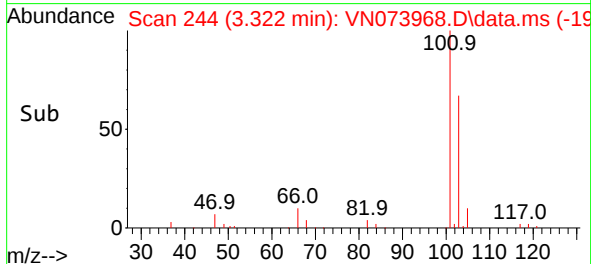
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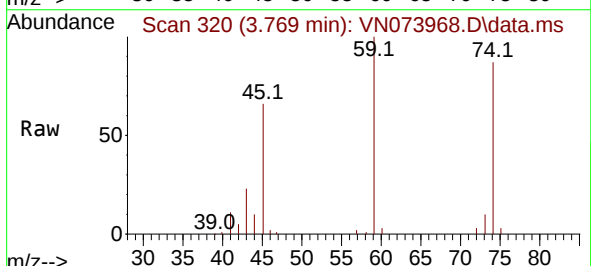
Tgt Ion:101 Resp: 173538
Ion Ratio Lower Upper
101 100
103 67.1 51.5 77.3

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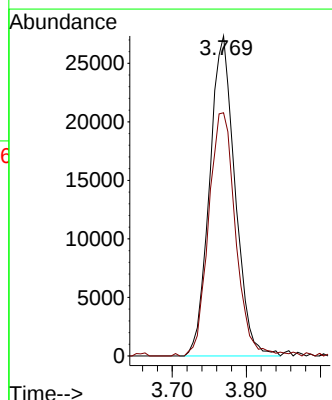
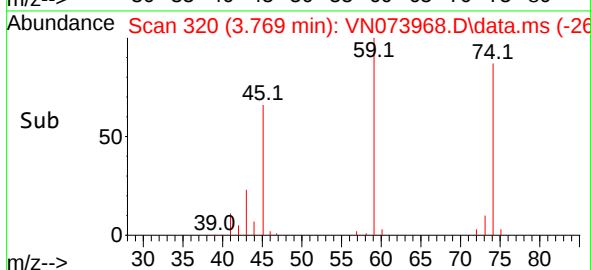
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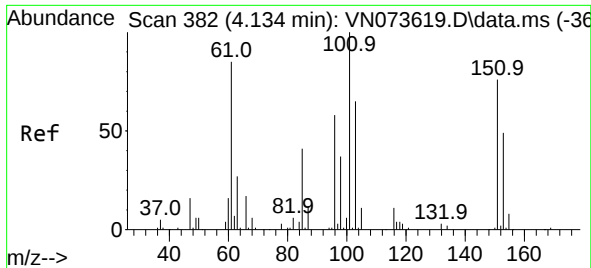


#8
Diethyl Ether
Concen: 19.524 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.006 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43



Tgt Ion: 74 Resp: 65258
Ion Ratio Lower Upper
74 100
45 80.5 42.9 128.5





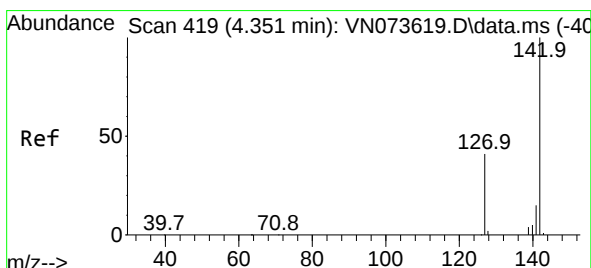
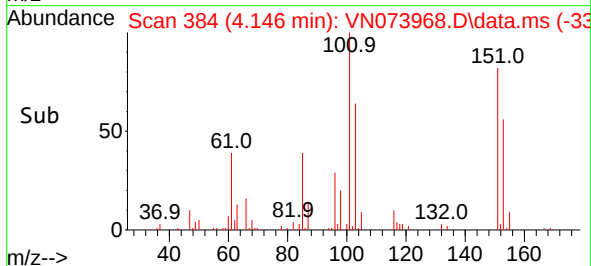
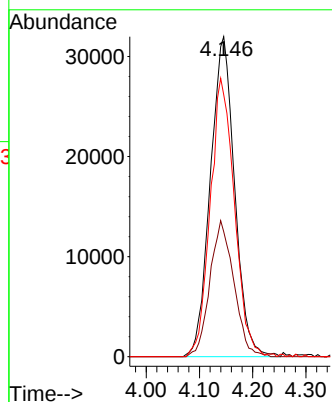
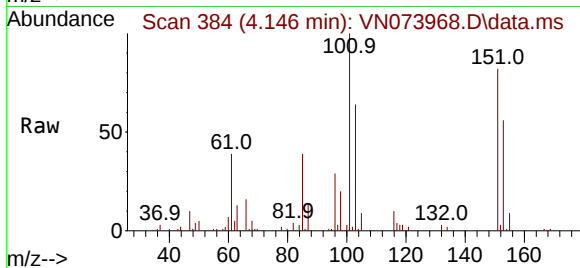
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.371 ug/l
RT: 4.146 min Scan# 384
Delta R.T. 0.012 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion:101 Resp: 10132
Ion Ratio Lower Upper
101 100
85 41.9 34.7 52.1
151 86.6 63.0 94.4

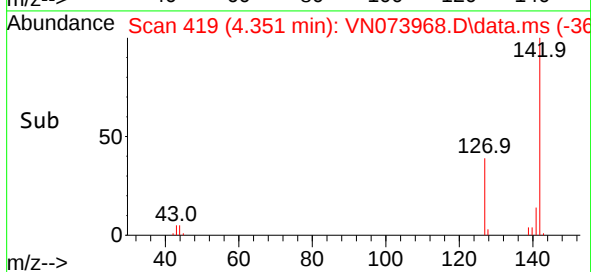
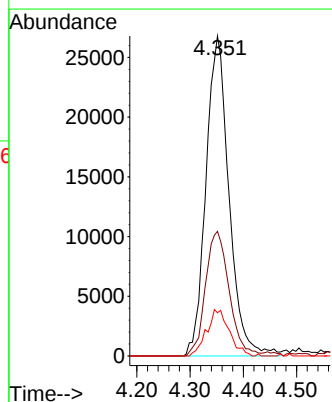
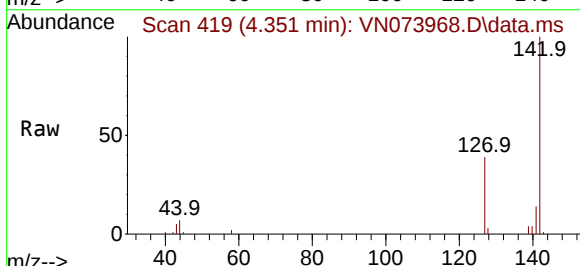
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#10
Methyl Iodide
Concen: 12.840 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

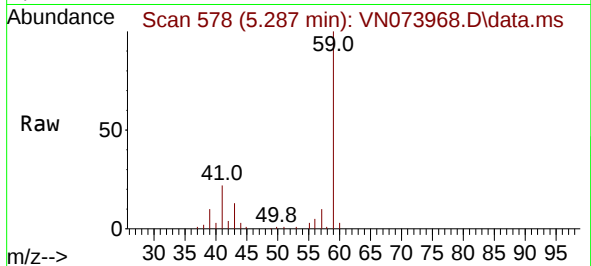
Tgt Ion:142 Resp: 80628
Ion Ratio Lower Upper
142 100
127 39.9 31.3 46.9
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 98.208 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.005 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

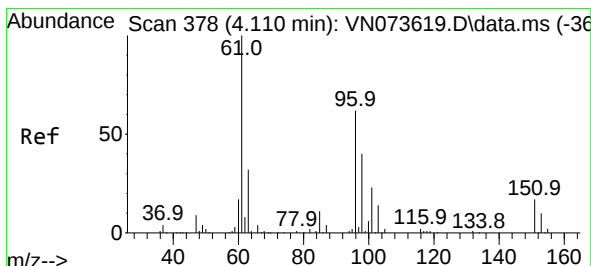
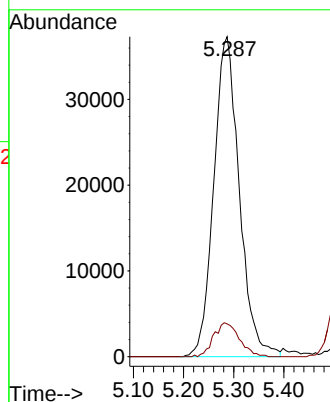
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion: 59 Resp: 13193
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

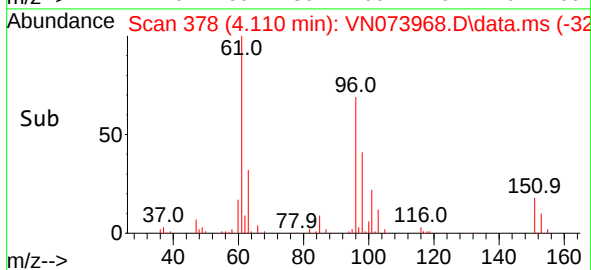
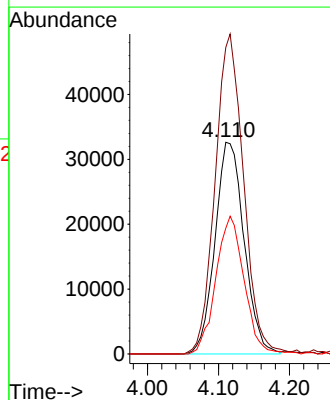
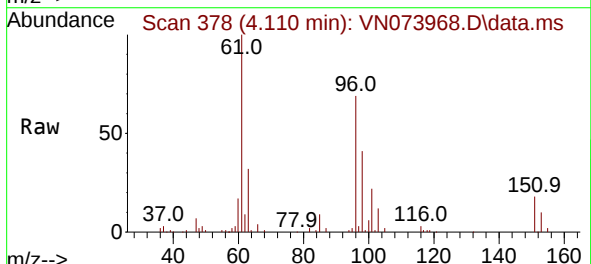
Manual Integrations
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Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#12
1,1-Dichloroethene
Concen: 19.062 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

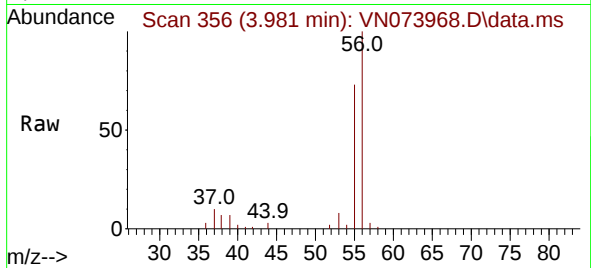
Tgt Ion: 96 Resp: 92765
Ion Ratio Lower Upper
96 100
61 144.8 127.6 191.4
98 59.4 51.2 76.8





#13
Acrolein
Concen: 105.633 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

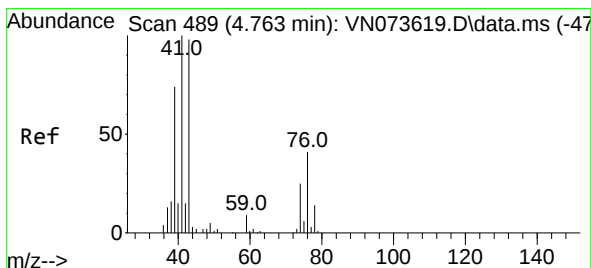
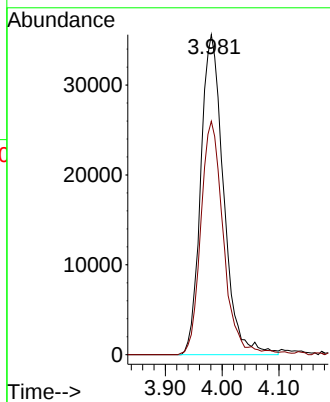
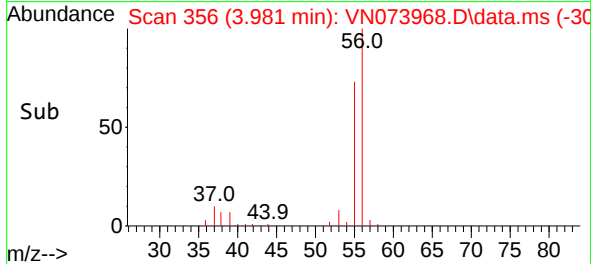
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion: 56 Resp: 9933
Ion Ratio Lower Upper
56 100
55 71.2 54.8 82.2

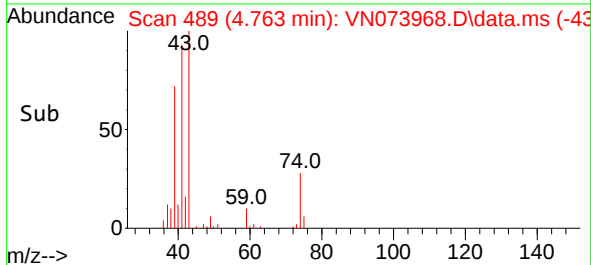
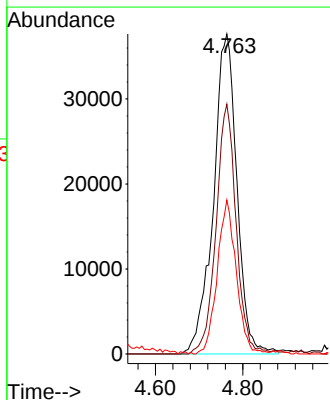
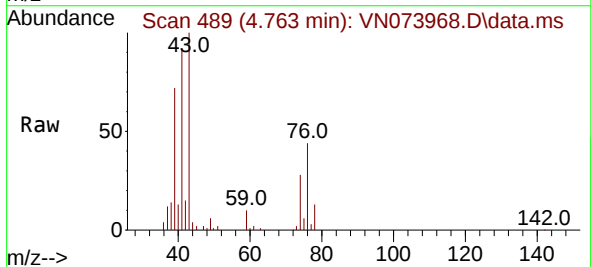
Manual Integrations
APPROVED

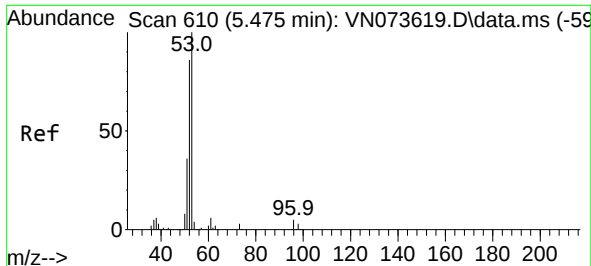
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#14
Allyl chloride
Concen: 19.537 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

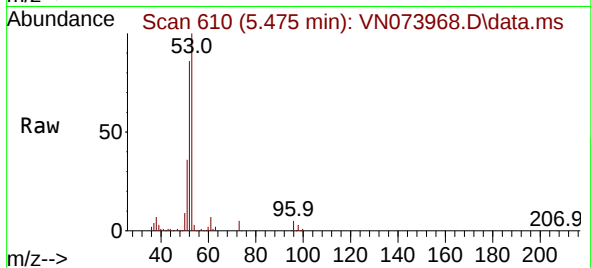
Tgt Ion: 41 Resp: 140812
Ion Ratio Lower Upper
41 100
39 66.3 53.2 79.8
76 38.8 29.9 44.9





#15
Acrylonitrile
Concen: 102.447 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

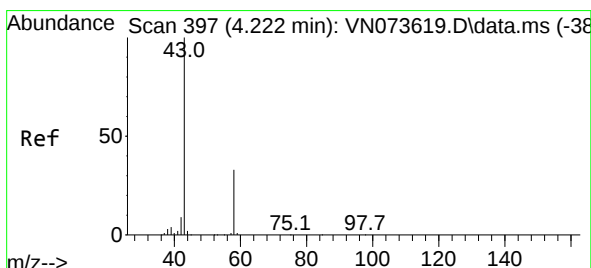
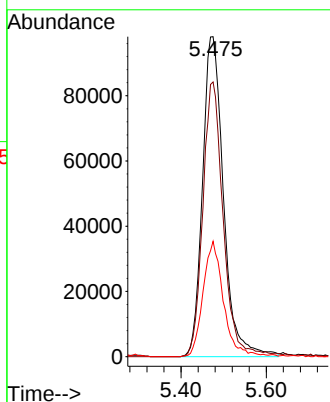
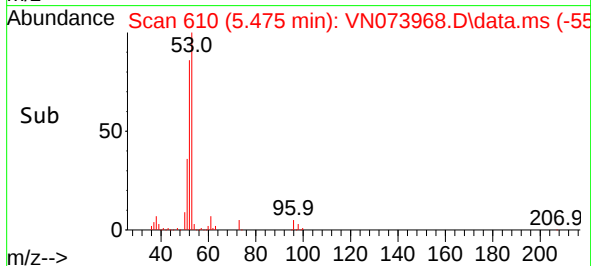
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion: 53 Resp: 336010
Ion Ratio Lower Upper
53 100
52 83.5 66.4 99.6
51 35.0 28.5 42.7

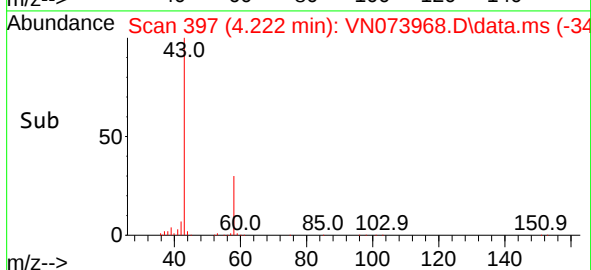
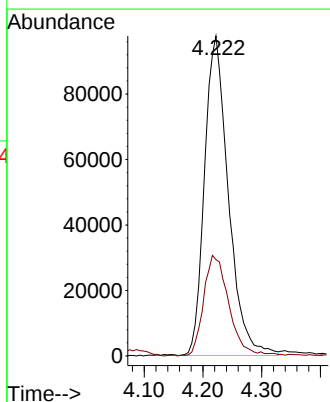
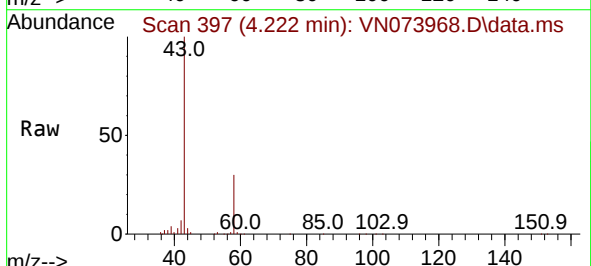
Manual Integrations
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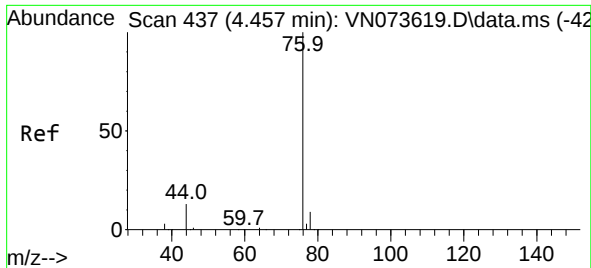
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#16
Acetone
Concen: 97.210 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

Tgt Ion: 43 Resp: 275445
Ion Ratio Lower Upper
43 100
58 30.2 26.0 39.0





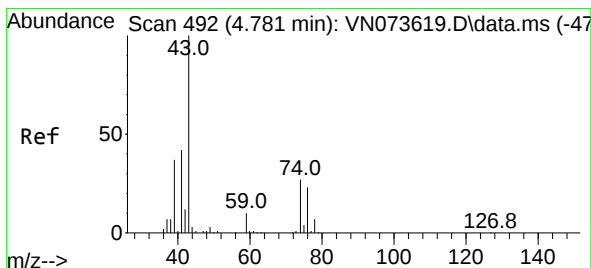
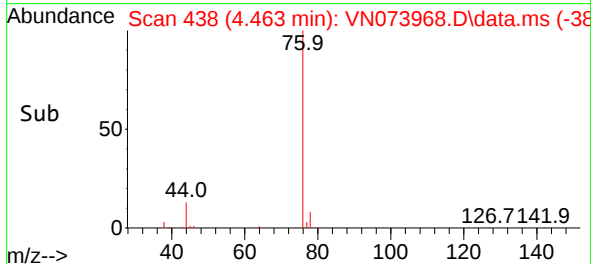
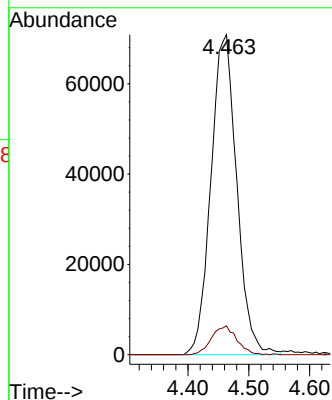
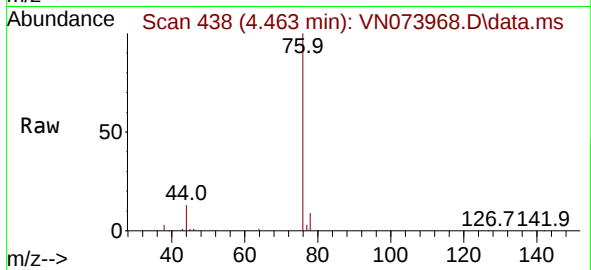
#17
Carbon Disulfide
Concen: 18.062 ug/l
RT: 4.463 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion: 76 Resp: 209004
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

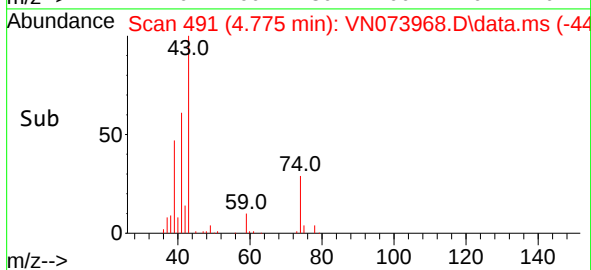
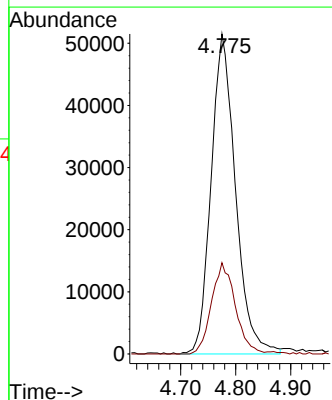
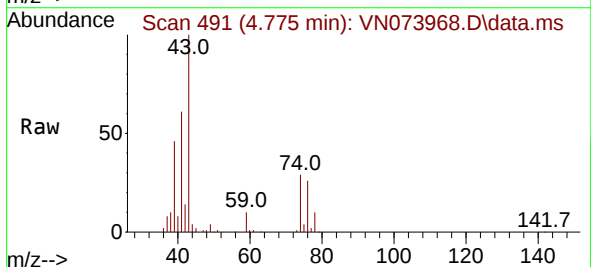
Manual Integrations
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Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#18
Methyl Acetate
Concen: 20.950 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

Tgt Ion: 43 Resp: 158829
Ion Ratio Lower Upper
43 100
74 27.7 21.6 32.4





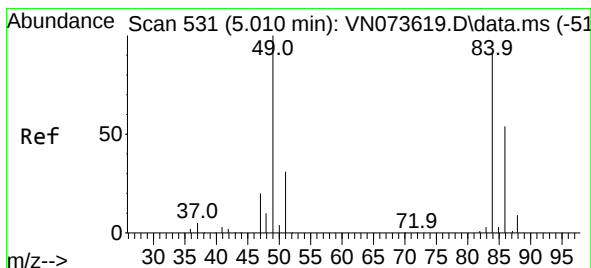
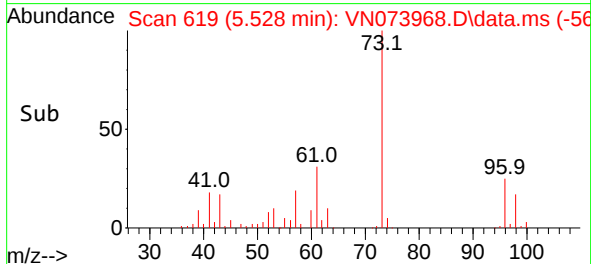
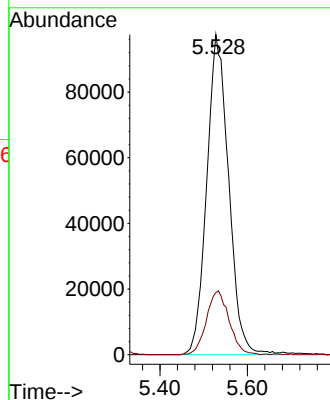
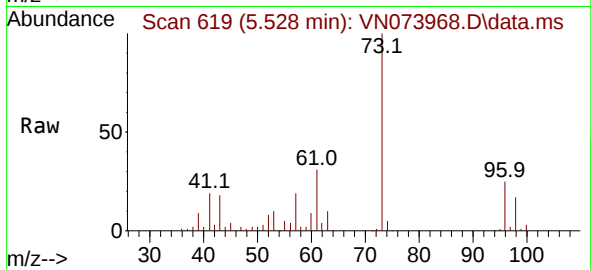
#19
Methyl tert-butyl Ether
Concen: 19.362 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion: 73 Resp: 339369
Ion Ratio Lower Upper
73 100
57 19.4 17.6 26.4

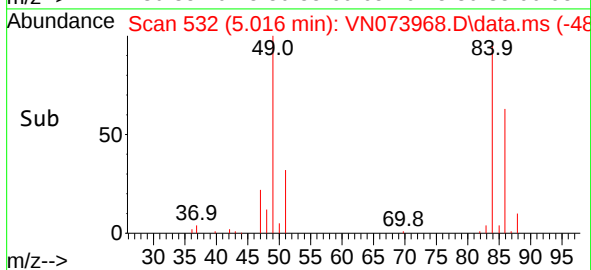
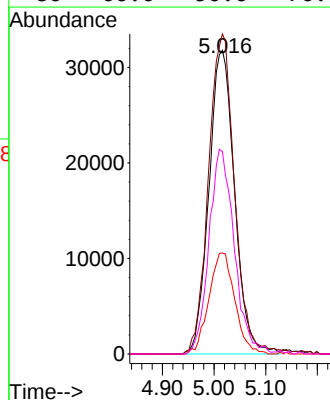
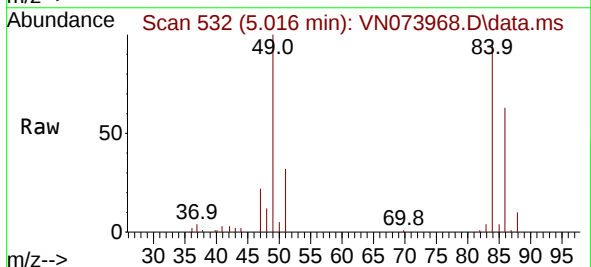
Manual Integrations
APPROVED

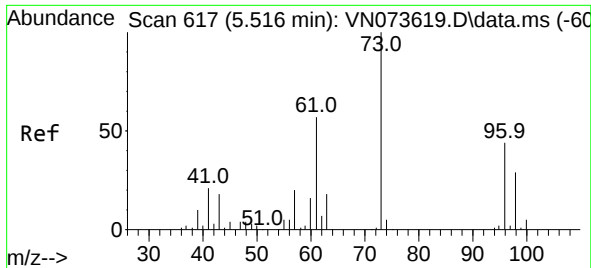
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#20
Methylene Chloride
Concen: 18.388 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

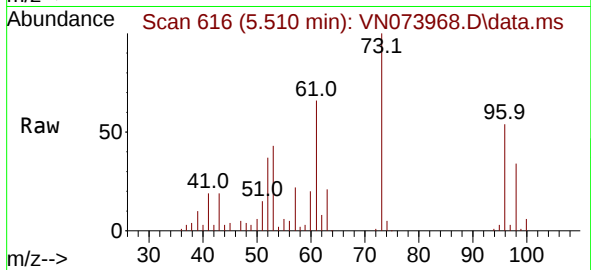
Tgt Ion: 84 Resp: 109941
Ion Ratio Lower Upper
84 100
49 105.4 88.3 132.5
51 33.2 28.2 42.2
86 66.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 18.536 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

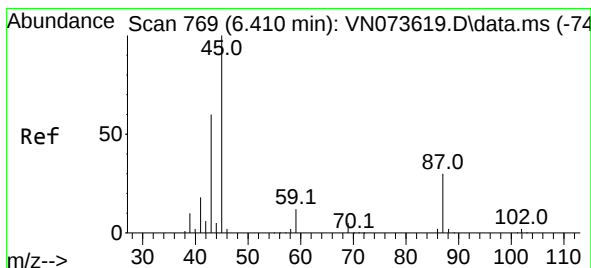
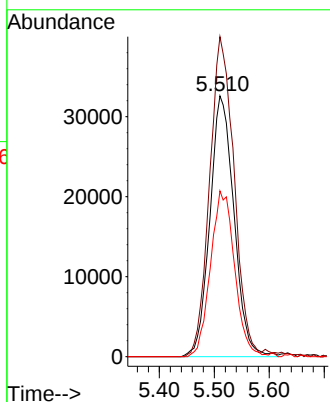
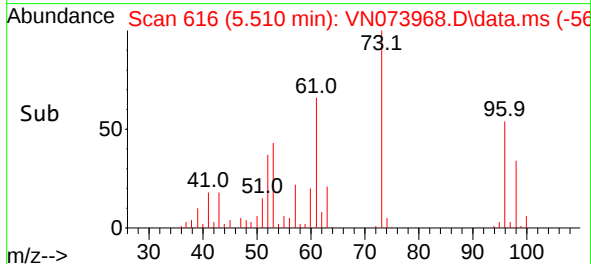
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion: 96 Resp: 9938
Ion Ratio Lower Upper
96 100
61 122.7 105.8 158.8
98 63.5 50.3 75.5

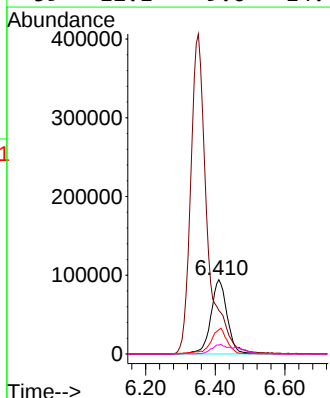
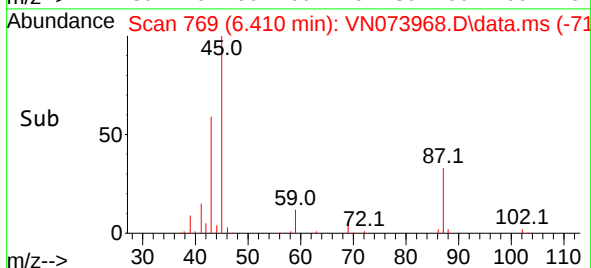
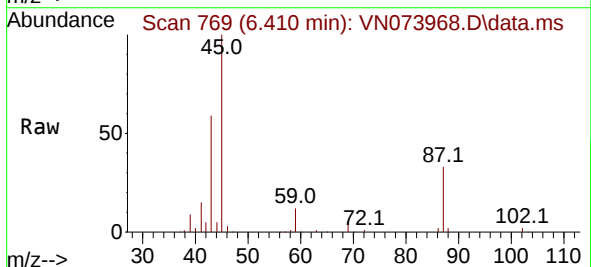
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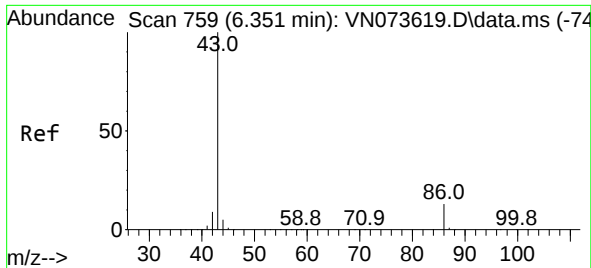
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#22
Diisopropyl ether
Concen: 20.027 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

Tgt Ion: 45 Resp: 306040
Ion Ratio Lower Upper
45 100
43 57.7 46.6 70.0
87 32.5 24.3 36.5
59 12.1 9.6 14.4





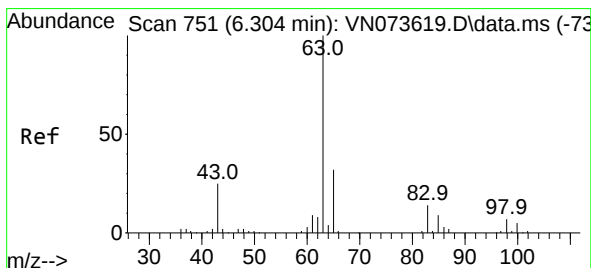
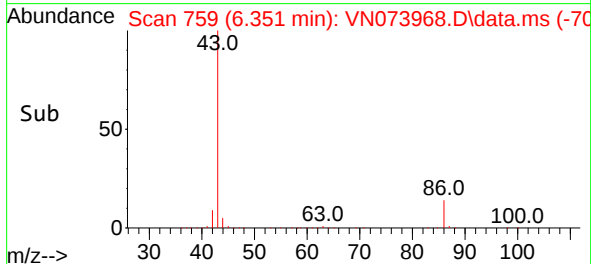
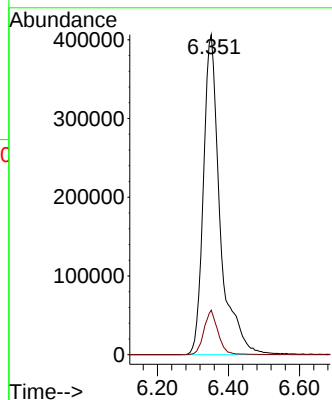
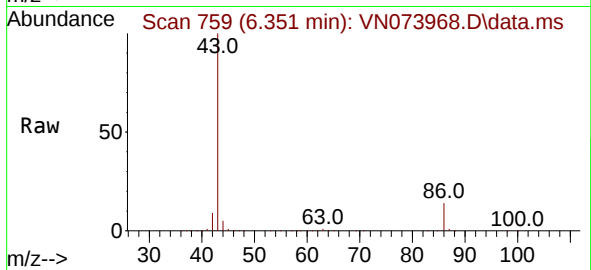
#23
 Vinyl Acetate
 Concen: 101.467 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073968.D
 Acq: 17 Aug 2022 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

Tgt Ion: 43 Resp: 1328770
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.0 15.0

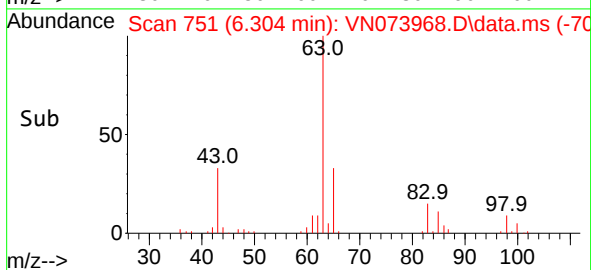
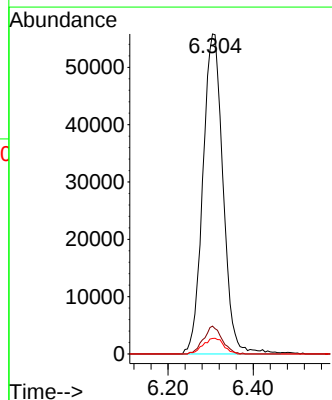
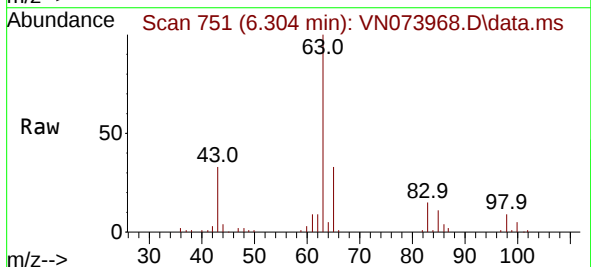
Manual Integrations
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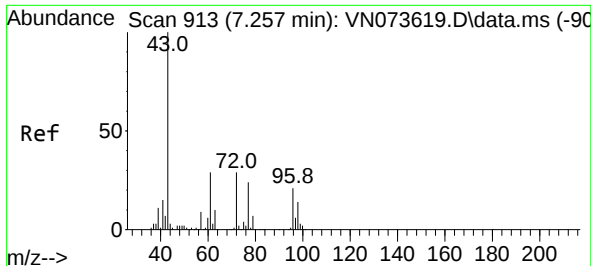
Reviewed By :John Carlone 08/17/2022
 Supervised By :Mahesh Dadoda 08/18/2022



#24
 1,1-Dichloroethane
 Concen: 19.272 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073968.D
 Acq: 17 Aug 2022 11:43

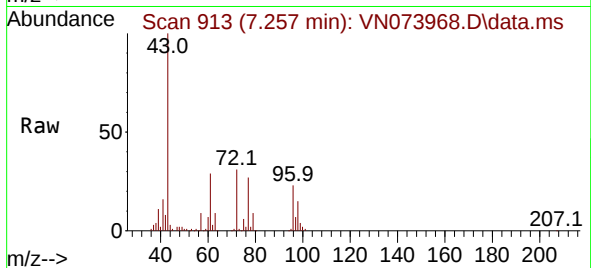
Tgt Ion: 63 Resp: 183315
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.5 10.4
 100 4.9 2.3 6.8





#25
2-Butanone
Concen: 103.111 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

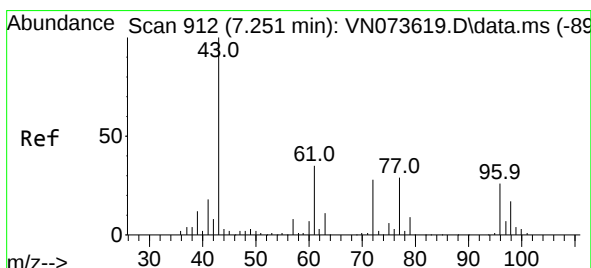
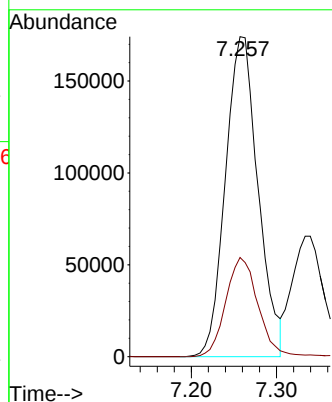
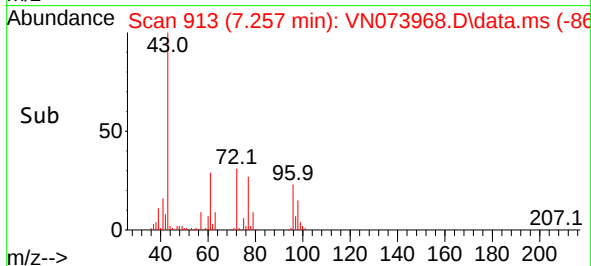
Instrument :
MSVOA_N
Client Sample Id :
VN0817WBS01



Tgt Ion: 43 Resp: 463258
Ion Ratio Lower Upper
43 100
72 31.0 23.7 35.5

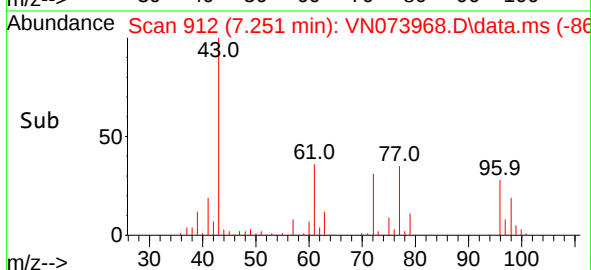
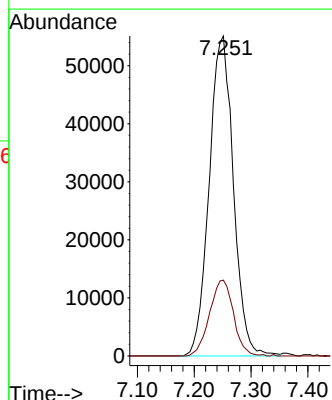
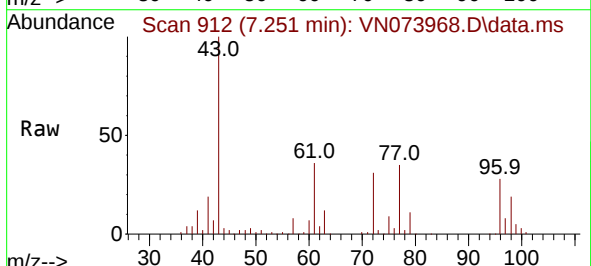
Manual Integrations
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Supervised By :Mahesh Dadoda 08/18/2022



#26
2,2-Dichloropropane
Concen: 18.240 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

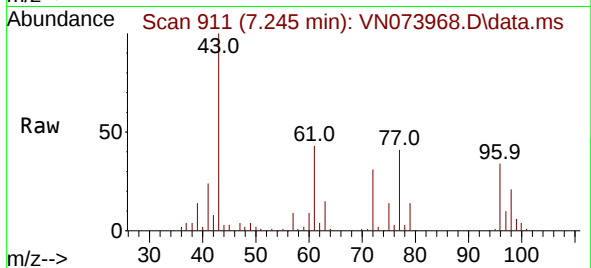
Tgt Ion: 77 Resp: 163010
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 18.992 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073968.D
 Acq: 17 Aug 2022 11:43

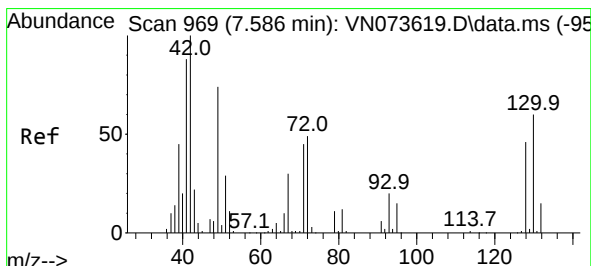
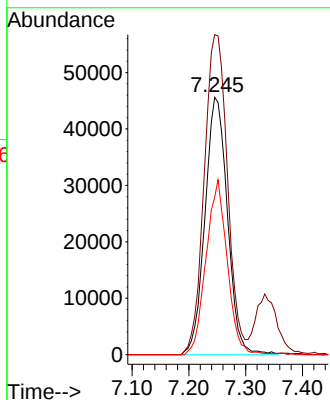
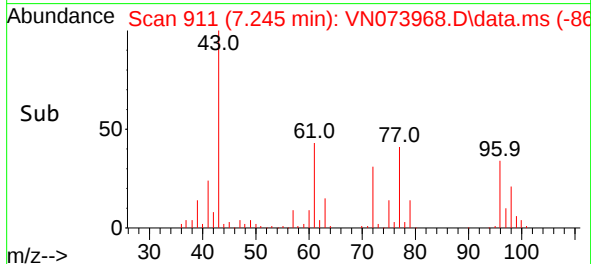
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01



Tgt Ion: 96 Resp: 12563
 Ion Ratio Lower Upper
 96 100
 61 128.8 0.0 280.6
 98 63.9 0.0 128.4

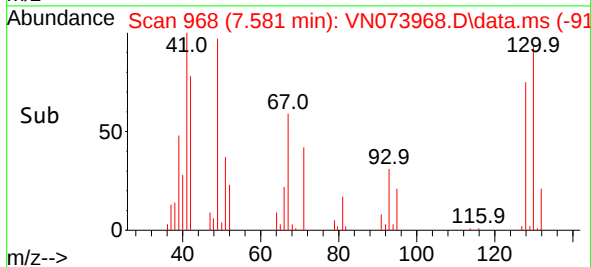
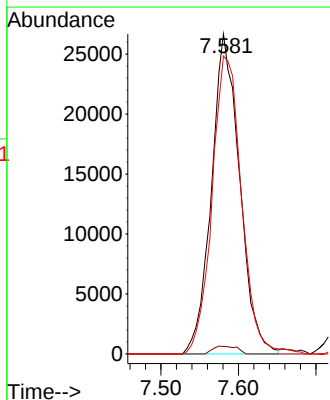
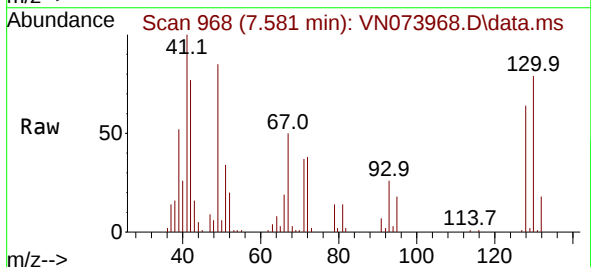
Manual Integrations
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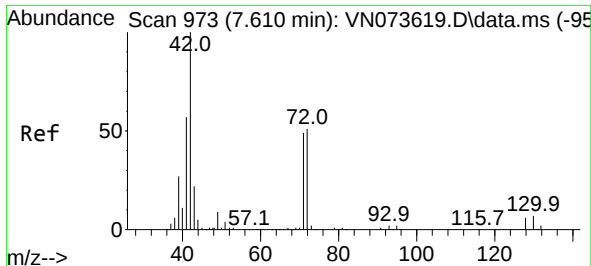
Reviewed By :John Carlone 08/17/2022
 Supervised By :Mahesh Dadoda 08/18/2022



#28
 Bromochloromethane
 Concen: 19.184 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.005 min
 Lab File: VN073968.D
 Acq: 17 Aug 2022 11:43

Tgt Ion: 49 Resp: 67302
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 97.5 69.7 104.5





#29

Tetrahydrofuran

Concen: 105.409 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073968.D

Acq: 17 Aug 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tgt Ion: 42 Resp: 303792

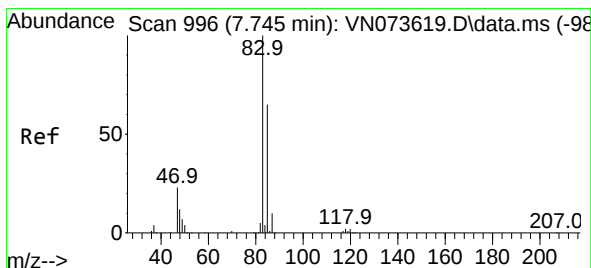
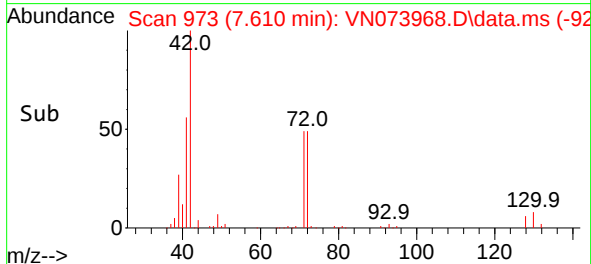
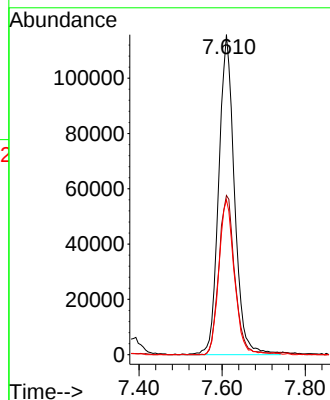
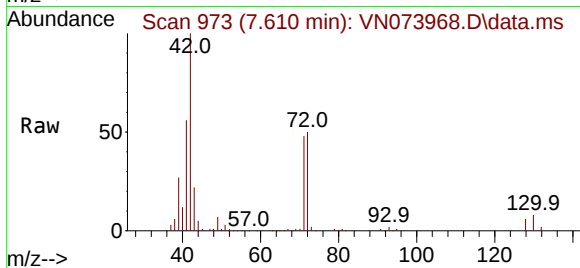
Ion	Ratio	Lower	Upper
42	100		
72	50.6	39.7	59.5
71	47.8	36.6	55.0

Manual Integrations

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Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/18/2022



#30

Chloroform

Concen: 19.239 ug/l

RT: 7.745 min Scan# 996

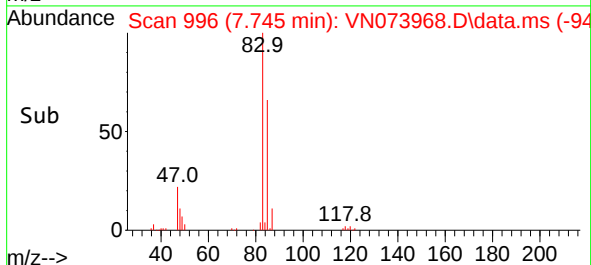
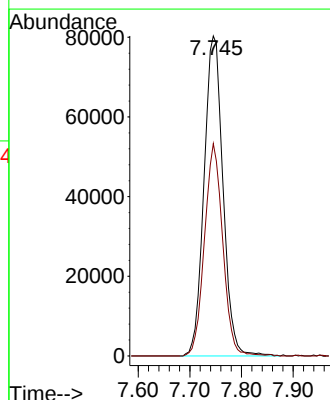
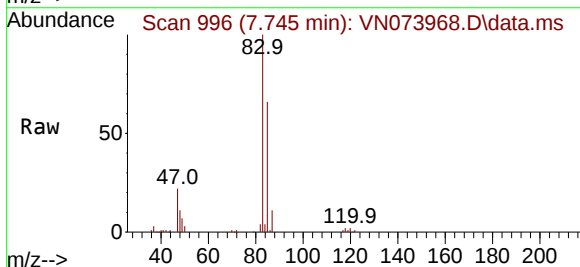
Delta R.T. 0.000 min

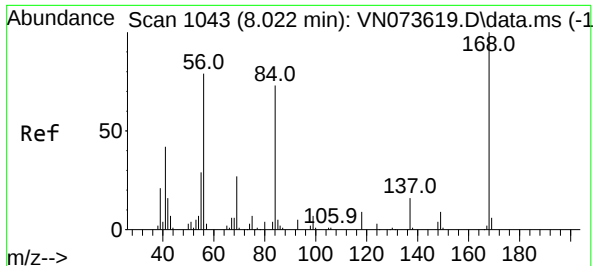
Lab File: VN073968.D

Acq: 17 Aug 2022 11:43

Tgt Ion: 83 Resp: 204639

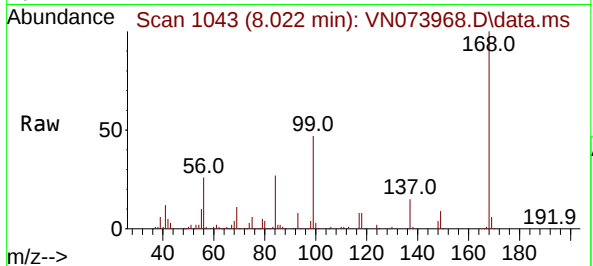
Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.8	77.8





#31
Cyclohexane
Concen: 19.598 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

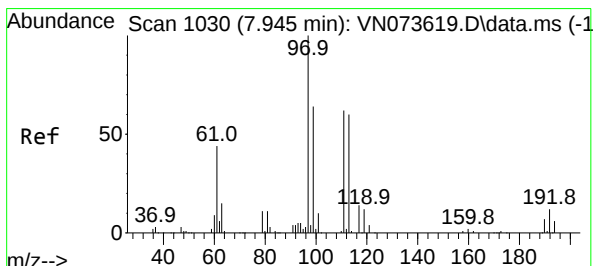
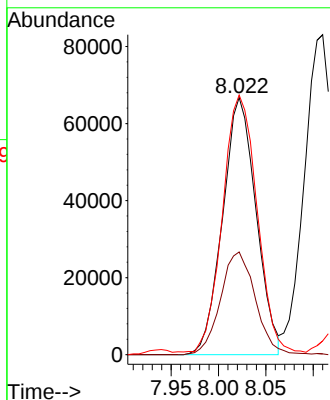
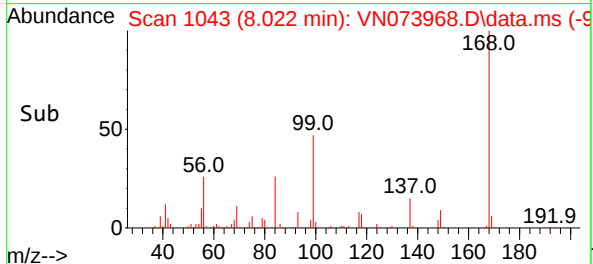
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



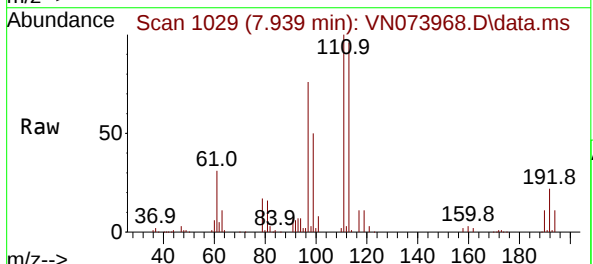
Tgt Ion: 56 Resp: 164080
Ion Ratio Lower Upper
56 100
69 40.0 27.8 41.8
84 99.9 76.9 115.3

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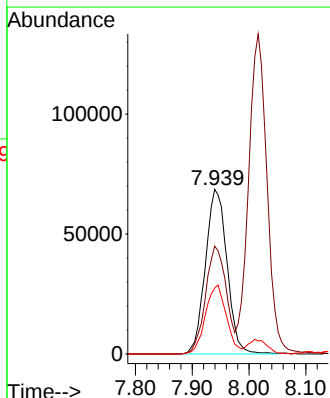
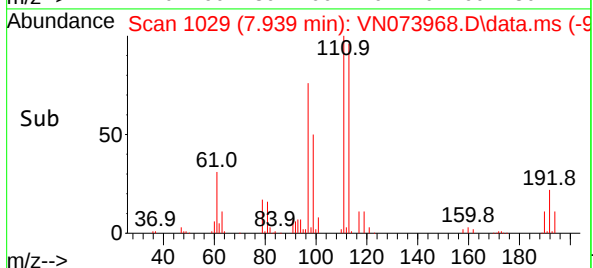
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022

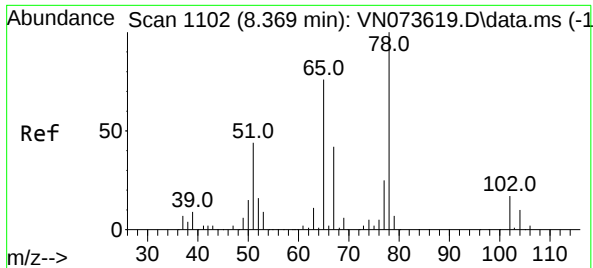


#32
1,1,1-Trichloroethane
Concen: 19.222 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43



Tgt Ion: 97 Resp: 181310
Ion Ratio Lower Upper
97 100
99 62.9 50.6 76.0
61 40.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 51.992 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073968.D

Acq: 17 Aug 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tgt Ion: 65 Resp: 31225

Ion Ratio Lower Upper

65 100

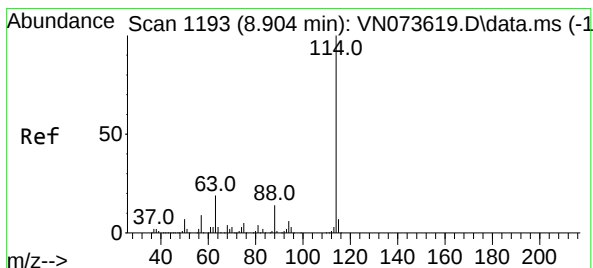
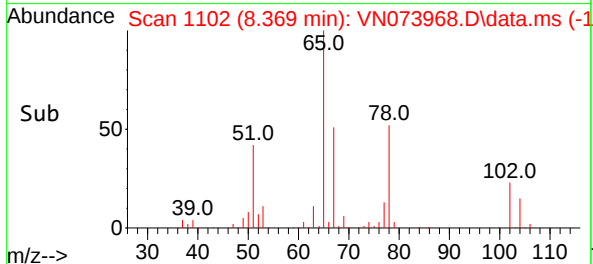
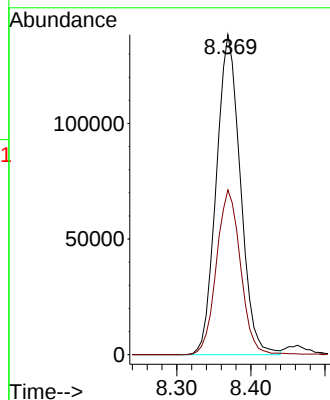
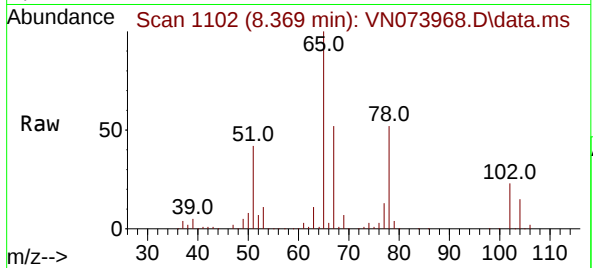
67 51.7 0.0 104.8

Manual Integrations

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Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073968.D

Acq: 17 Aug 2022 11:43

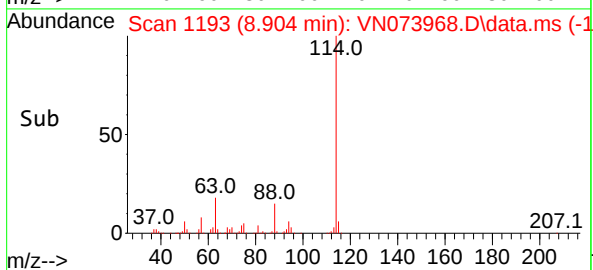
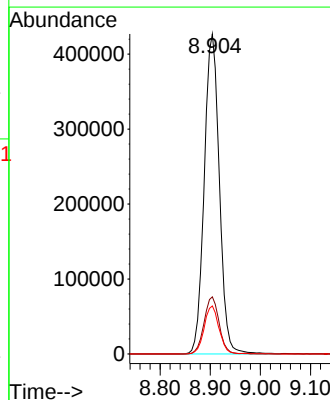
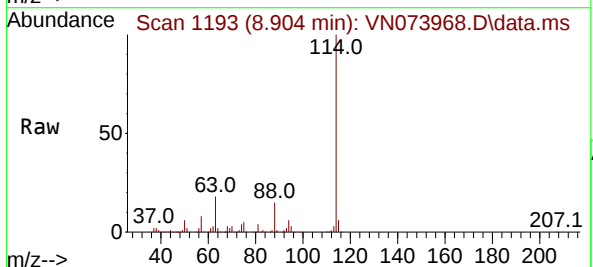
Tgt Ion:114 Resp: 894721

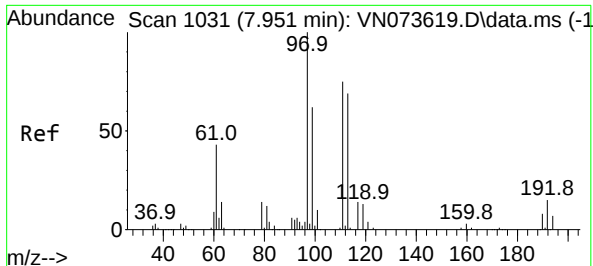
Ion Ratio Lower Upper

114 100

63 17.8 0.0 40.0

88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.942 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073968.D

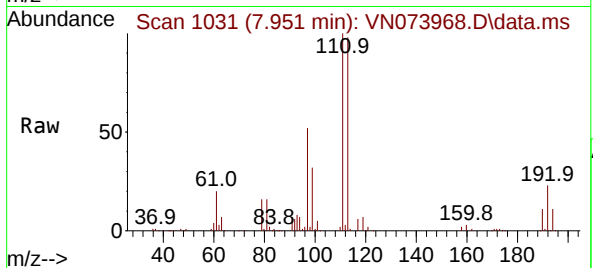
Acq: 17 Aug 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01



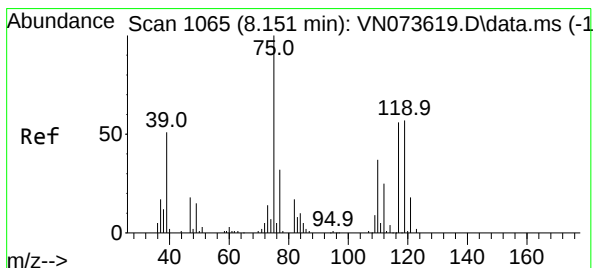
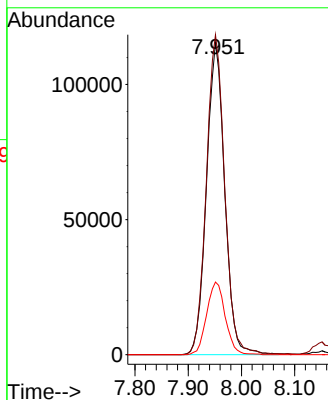
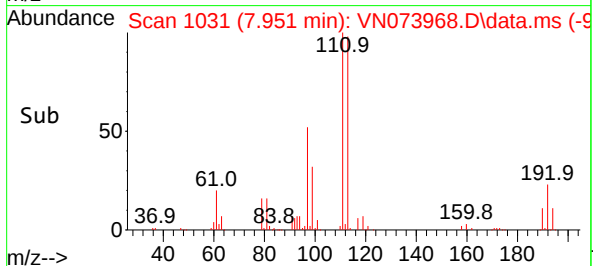
Tgt Ion:	113	Resp:	274839
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	23.7	17.0	25.6

Manual Integrations

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Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/18/2022



#36

1,1-Dichloropropene

Concen: 19.019 ug/l

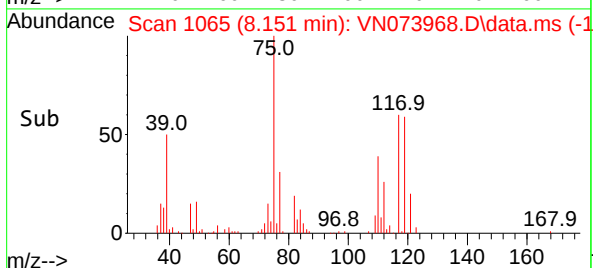
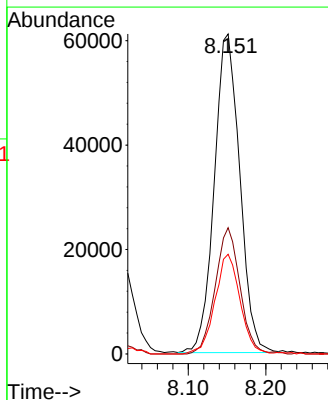
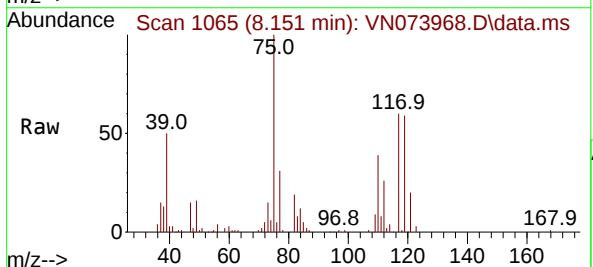
RT: 8.151 min Scan# 1065

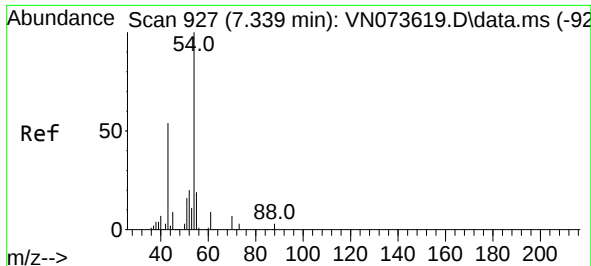
Delta R.T. 0.000 min

Lab File: VN073968.D

Acq: 17 Aug 2022 11:43

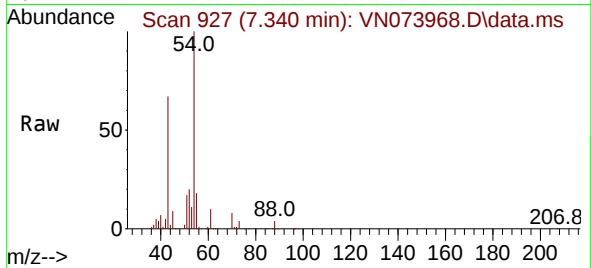
Tgt Ion:	75	Resp:	139780
Ion	Ratio	Lower	Upper
75	100		
110	38.5	18.3	54.8
77	30.9	25.1	37.7





#37
Ethyl Acetate
Concen: 19.823 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

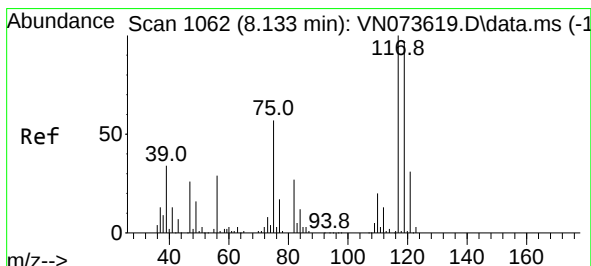
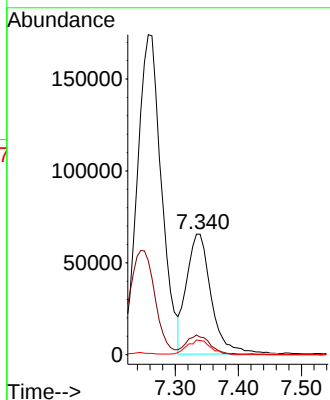
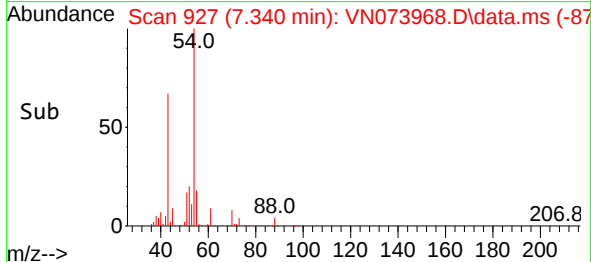
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion: 43 Resp: 176490
Ion Ratio Lower Upper
43 100
61 15.3 11.8 17.6
70 11.7 9.3 13.9

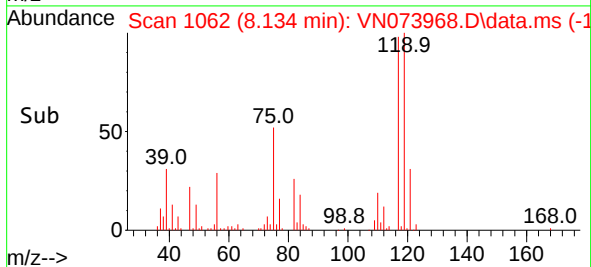
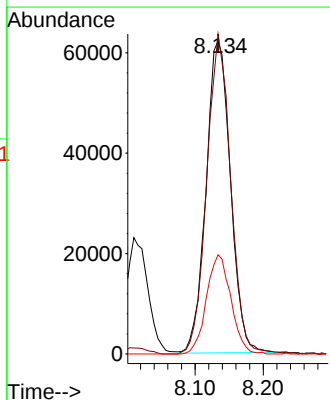
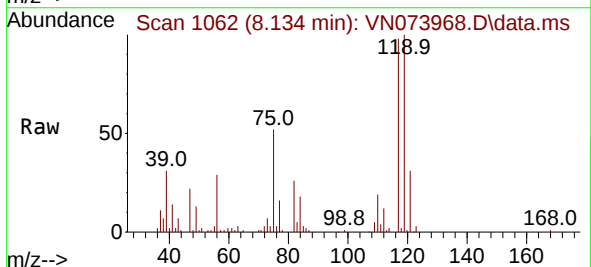
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#38
Carbon Tetrachloride
Concen: 18.496 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.001 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

Tgt Ion:117 Resp: 155373
Ion Ratio Lower Upper
117 100
119 102.7 75.8 113.8
121 31.9 24.6 37.0





#39

Methylcyclohexane

Concen: 19.454 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VN073968.D

Acq: 17 Aug 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tgt Ion: 83 Resp: 17914

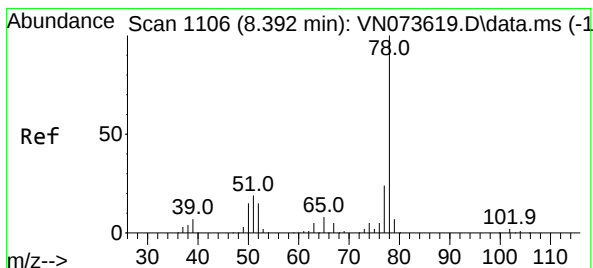
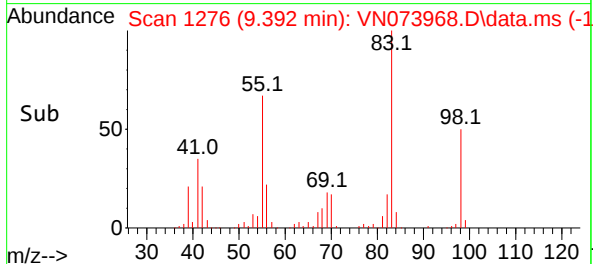
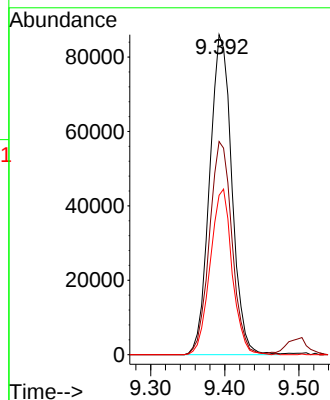
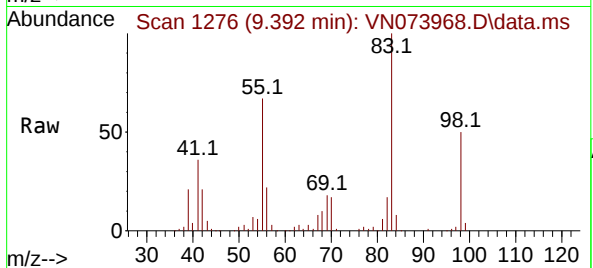
Ion	Ratio	Lower	Upper
83	100		
55	66.6	57.8	86.8
98	49.8	39.4	59.2

Manual Integrations

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Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/18/2022



#40

Benzene

Concen: 19.143 ug/l

RT: 8.392 min Scan# 1106

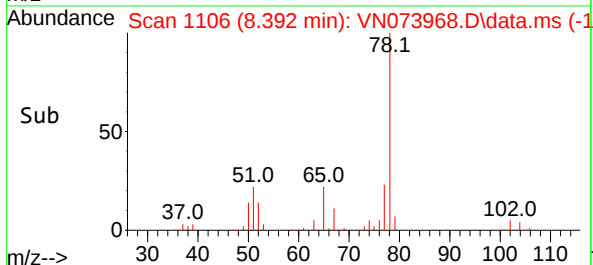
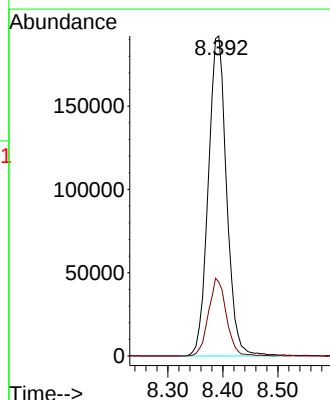
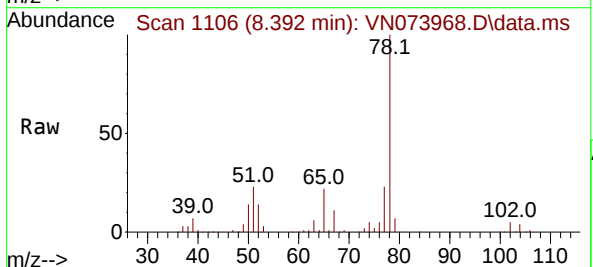
Delta R.T. 0.000 min

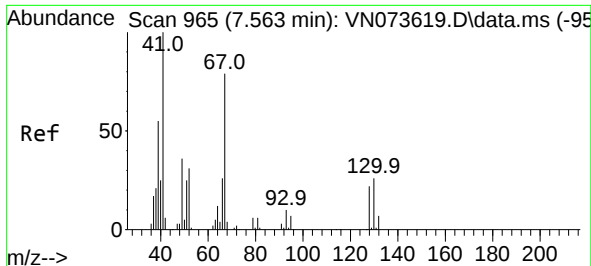
Lab File: VN073968.D

Acq: 17 Aug 2022 11:43

Tgt Ion: 78 Resp: 444047

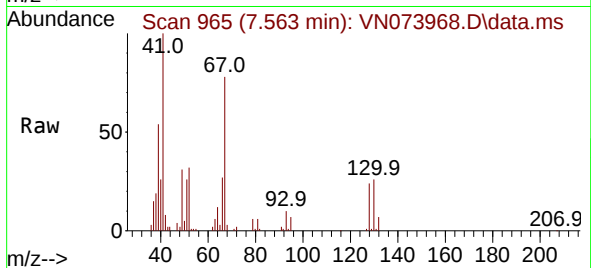
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.4	29.0





#41
Methacrylonitrile
Concen: 21.395 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

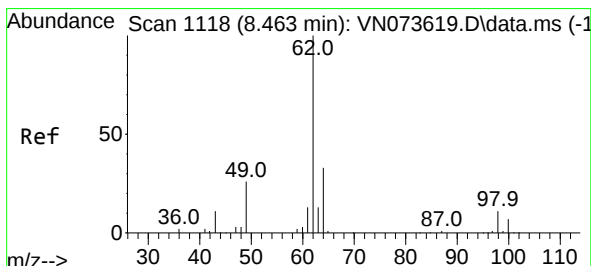
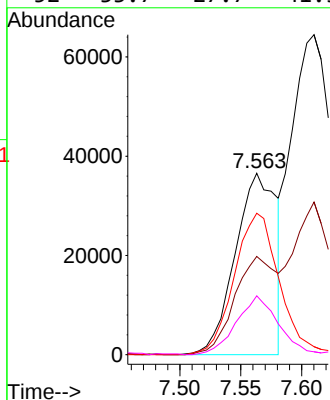
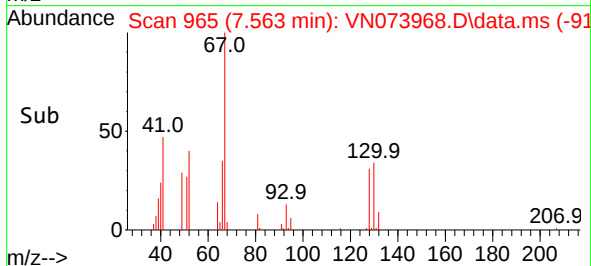
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion: 41 Resp: 8608
Ion Ratio Lower Upper
41 100
39 54.6 48.6 73.0
67 86.3 73.4 110.2
52 33.7 27.7 41.5

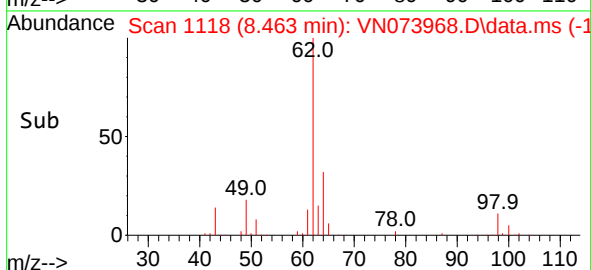
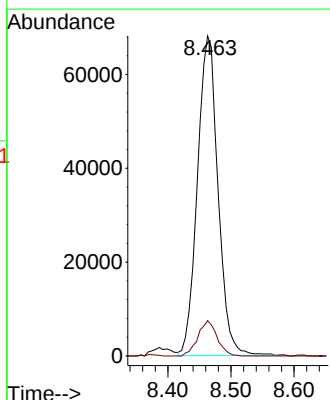
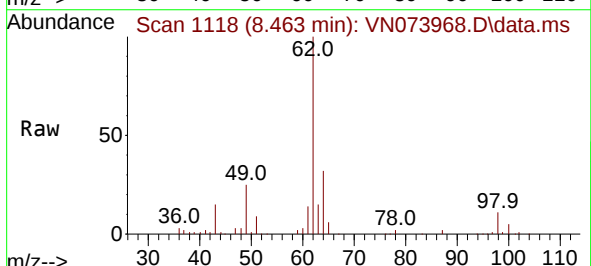
Manual Integrations
APPROVED

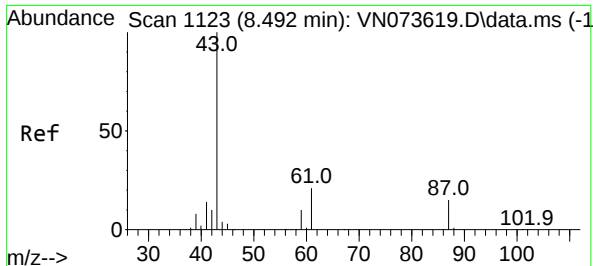
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#42
1,2-Dichloroethane
Concen: 19.340 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

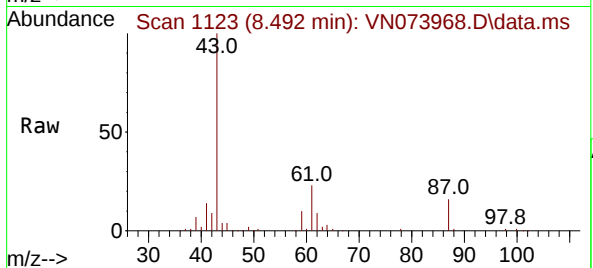
Tgt Ion: 62 Resp: 154254
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.4





#43
Isopropyl Acetate
Concen: 19.891 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

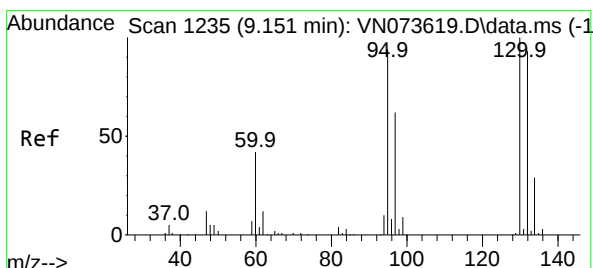
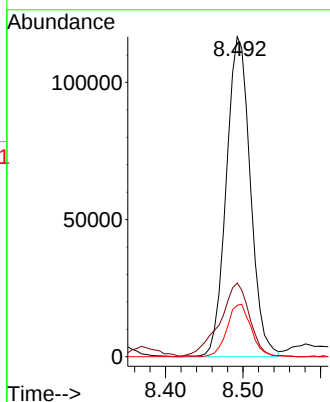
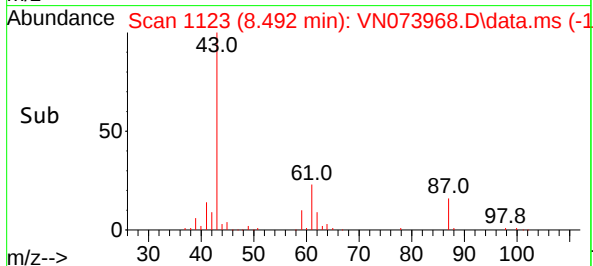
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



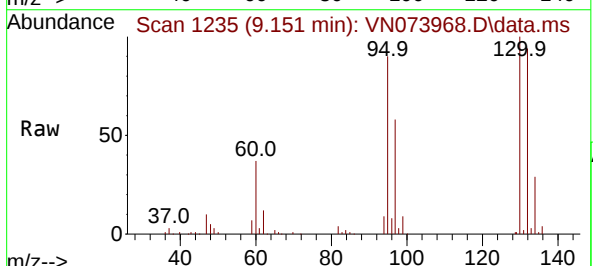
Tgt Ion: 43 Resp: 252300
Ion Ratio Lower Upper
43 100
61 28.4 21.9 32.9
87 16.4 12.0 18.0

Manual Integrations
APPROVED

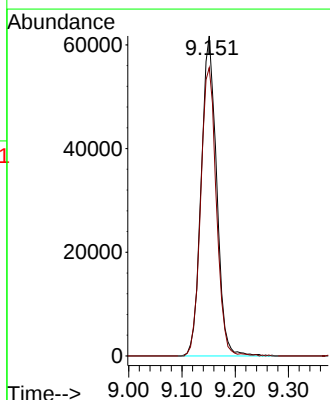
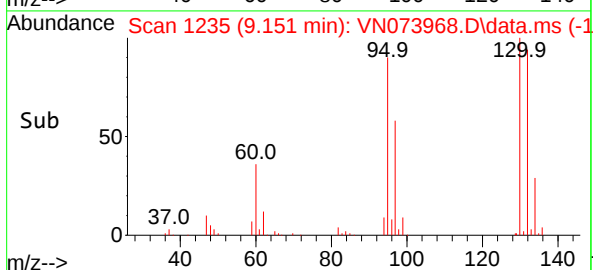
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022

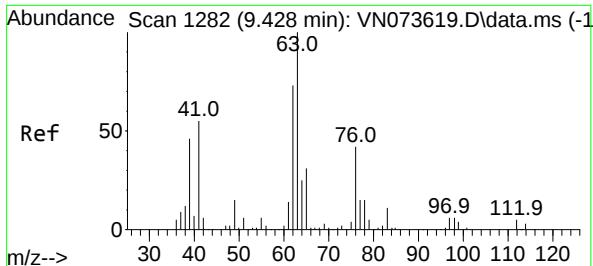


#44
Trichloroethene
Concen: 18.506 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43



Tgt Ion:130 Resp: 123983
Ion Ratio Lower Upper
130 100
95 90.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.917 ug/l

RT: 9.428 min Scan# 11073

Delta R.T. -0.000 min

Lab File: VN073968.D

Acq: 17 Aug 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tgt Ion: 63 Resp: 11073

Ion Ratio Lower Upper

63 100

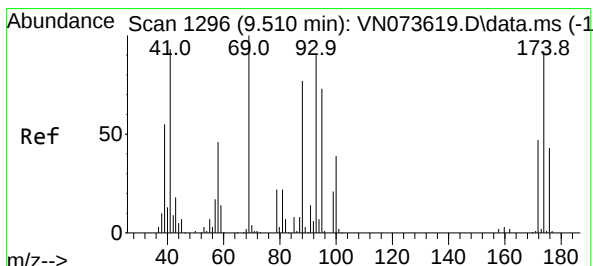
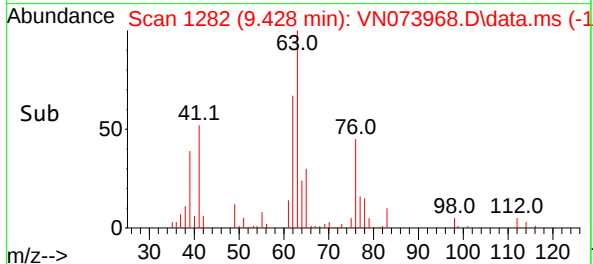
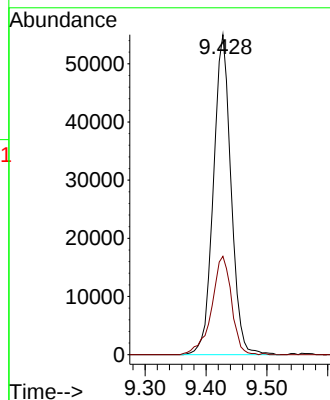
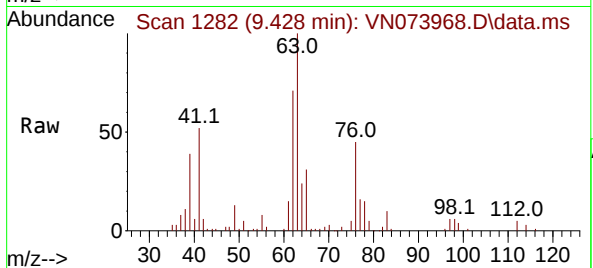
65 30.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/18/2022



#46

Dibromomethane

Concen: 19.166 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073968.D

Acq: 17 Aug 2022 11:43

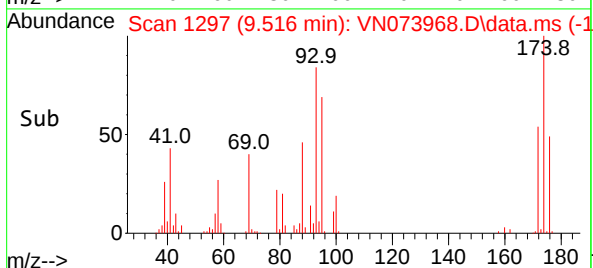
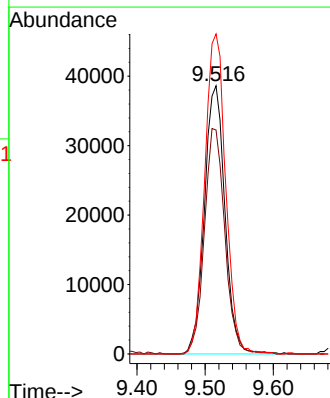
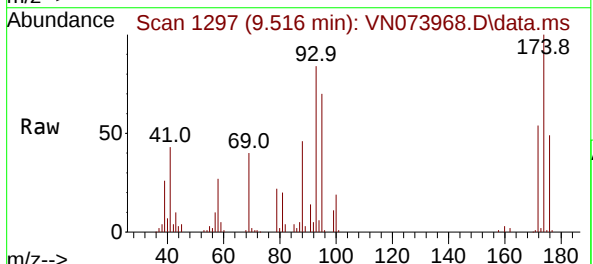
Tgt Ion: 93 Resp: 81015

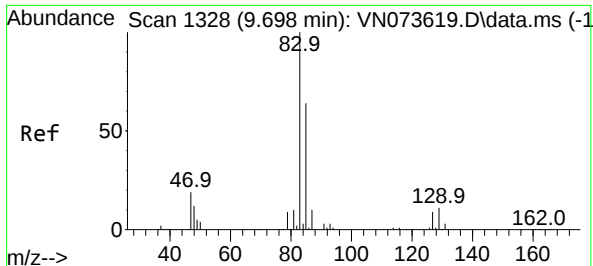
Ion Ratio Lower Upper

93 100

95 83.9 66.9 100.3

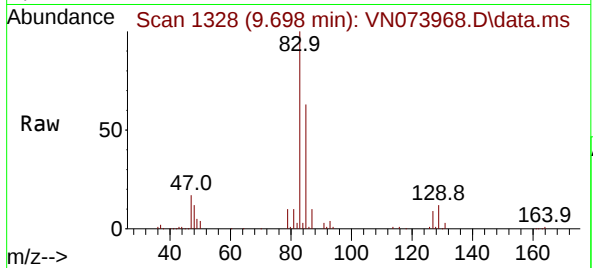
174 121.5 86.6 130.0





#47
Bromodichloromethane
Concen: 19.434 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

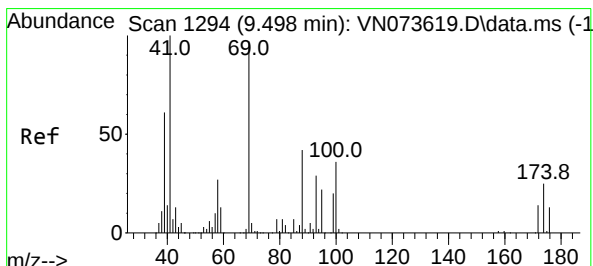
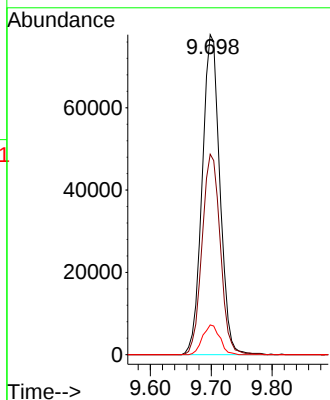
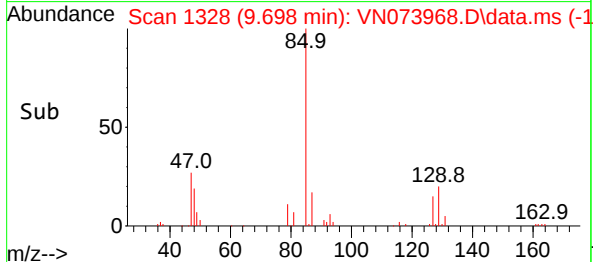
Instrument :
MSVOA_N
Client Sample Id :
VN0817WBS01



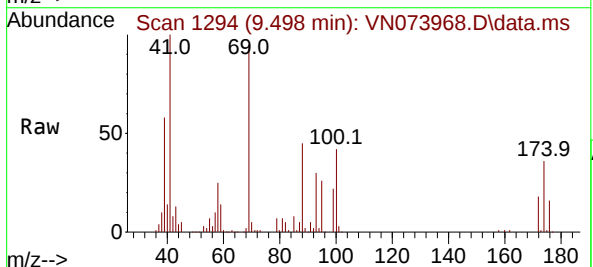
Tgt Ion: 83 Resp: 15701
Ion Ratio Lower Upper
83 100
85 62.6 50.5 75.7
127 9.3 6.8 10.2

Manual Integrations
APPROVED

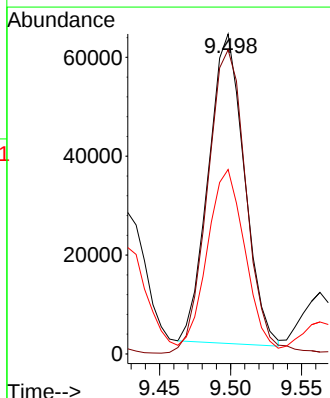
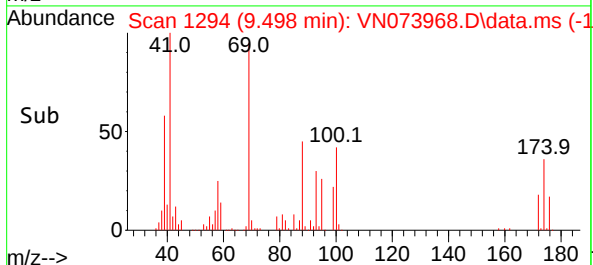
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022

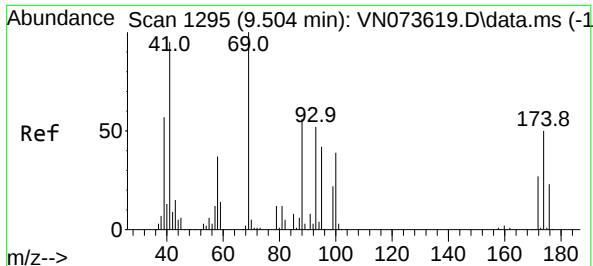


#48
Methyl methacrylate
Concen: 20.279 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43



Tgt Ion: 41 Resp: 110060
Ion Ratio Lower Upper
41 100
69 106.8 74.7 112.1
39 63.6 45.6 68.4





#49

1,4-Dioxane

Concen: 387.420 ug/l

RT: 9.498 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VN073968.D

Acq: 17 Aug 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tgt Ion: 88 Resp: 62529

Ion Ratio Lower Upper

88 100

43 24.6 20.2 30.4

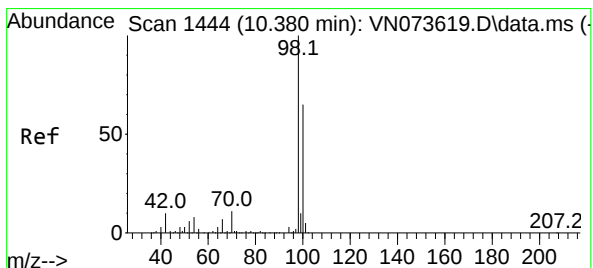
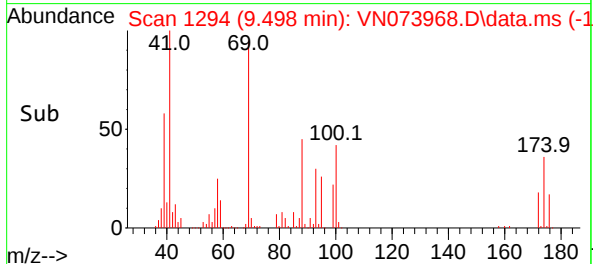
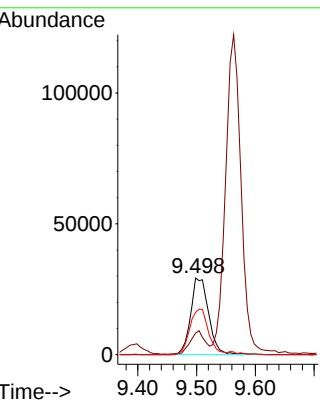
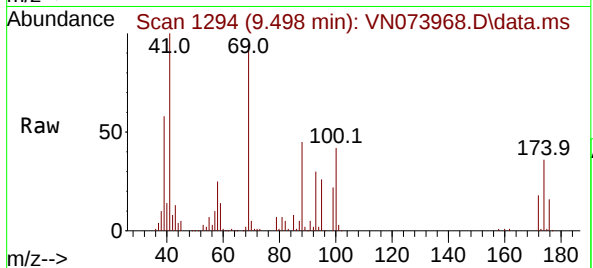
58 61.1 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/18/2022



#50

Toluene-d8

Concen: 51.154 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073968.D

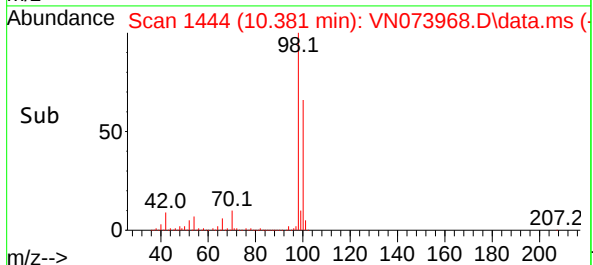
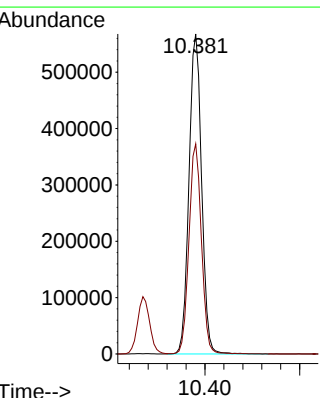
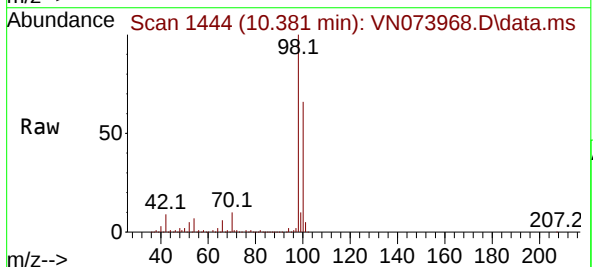
Acq: 17 Aug 2022 11:43

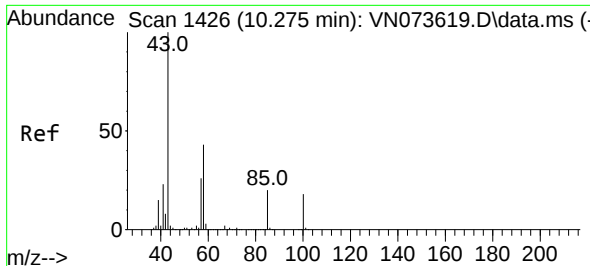
Tgt Ion: 98 Resp: 1048276

Ion Ratio Lower Upper

98 100

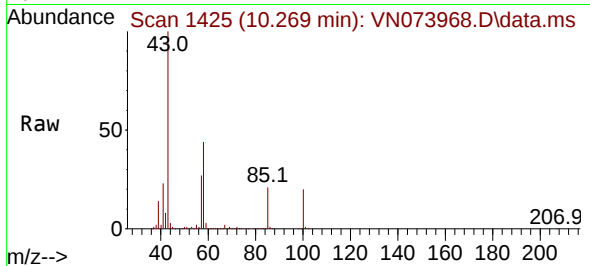
100 65.0 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 104.295 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

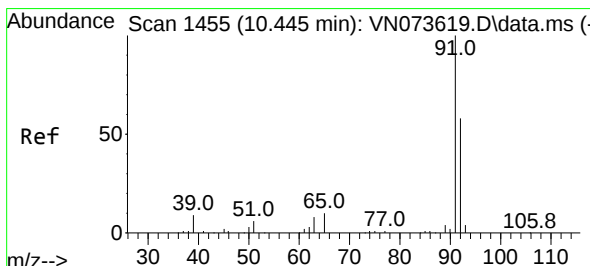
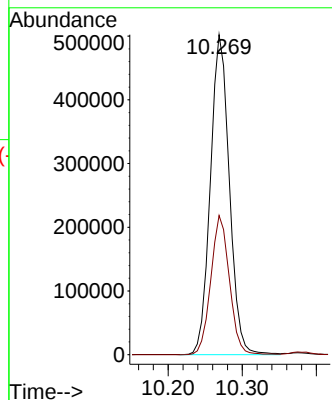
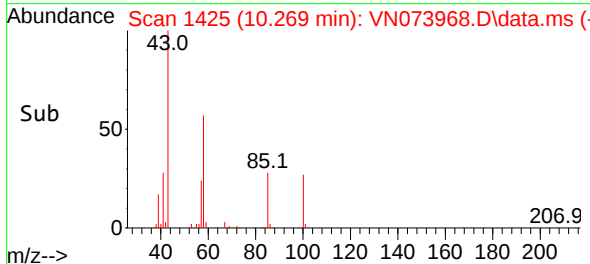
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion: 43 Resp: 894412
Ion Ratio Lower Upper
43 100
58 42.6 34.1 51.1

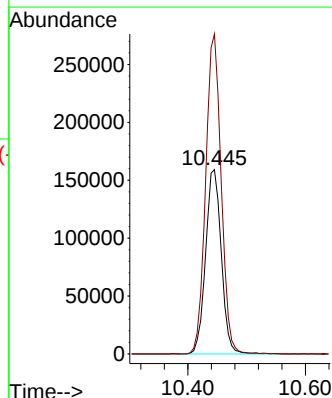
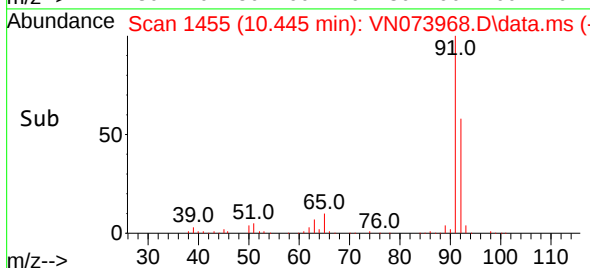
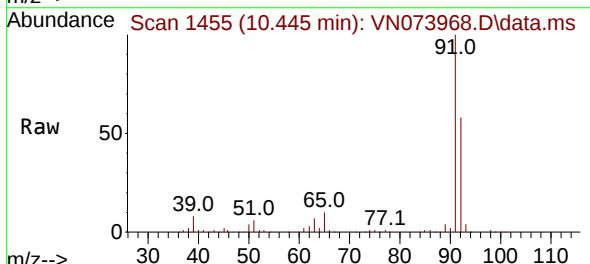
Manual Integrations
APPROVED

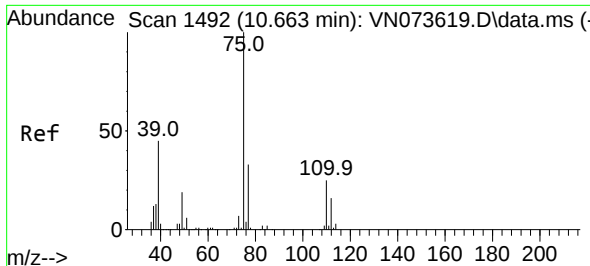
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#52
Toluene
Concen: 18.476 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

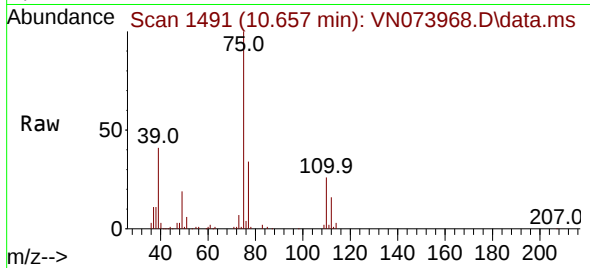
Tgt Ion: 92 Resp: 293882
Ion Ratio Lower Upper
92 100
91 171.8 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 19.009 ug/l
 RT: 10.657 min Scan# 1492
 Delta R.T. -0.006 min
 Lab File: VN073968.D
 Acq: 17 Aug 2022 11:43

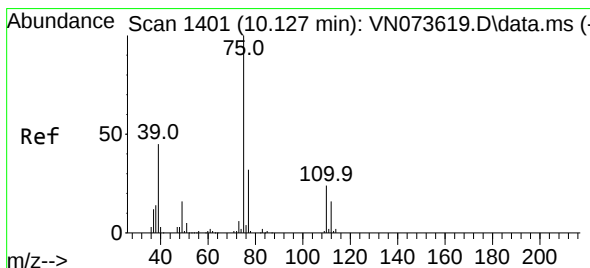
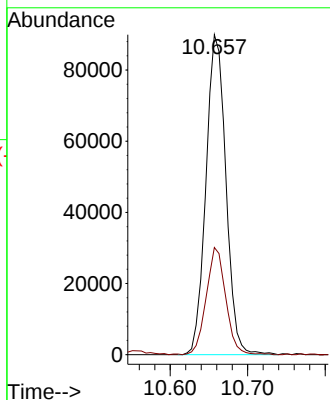
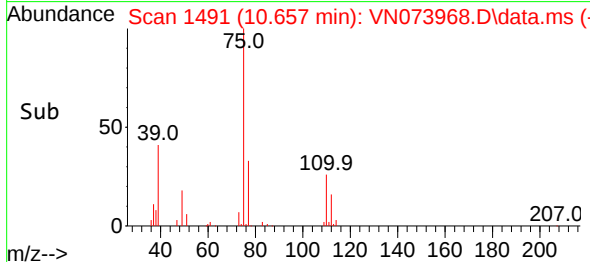
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01



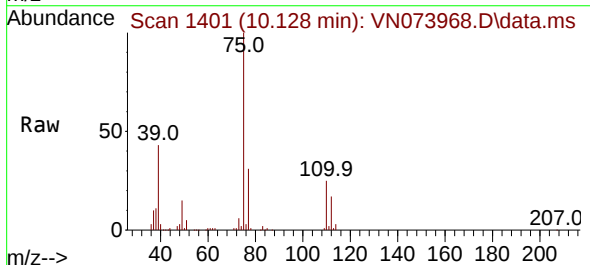
Tgt Ion: 75 Resp: 161160
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.6 38.4

Manual Integrations
 APPROVED

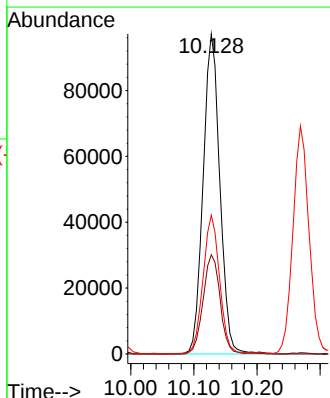
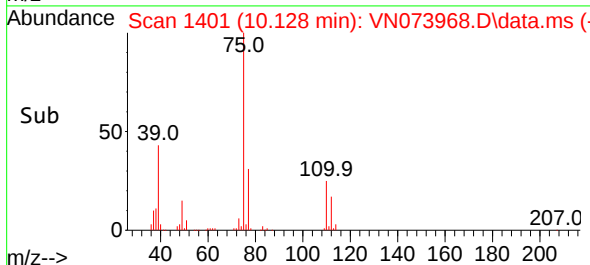
Reviewed By :John Carlone 08/17/2022
 Supervised By :Mahesh Dadoda 08/18/2022

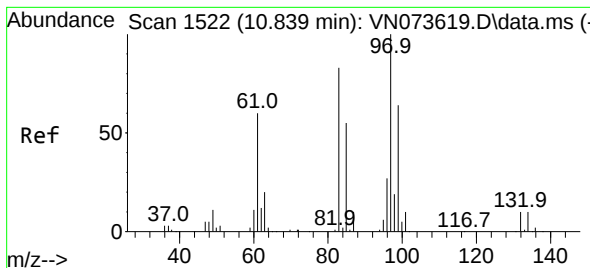


#54
 cis-1,3-Dichloropropene
 Concen: 19.262 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. 0.001 min
 Lab File: VN073968.D
 Acq: 17 Aug 2022 11:43



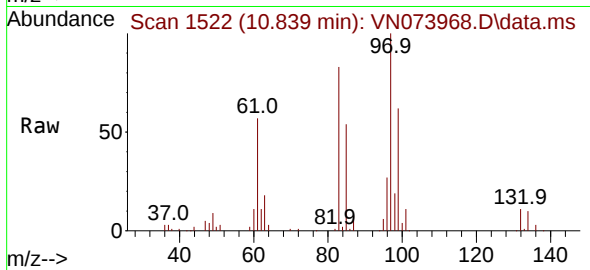
Tgt Ion: 75 Resp: 178671
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8
 39 43.2 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 19.266 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

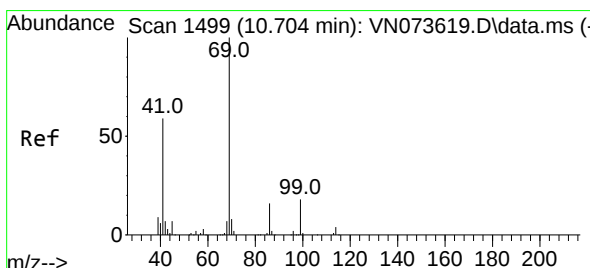
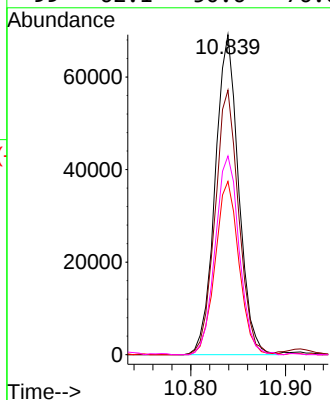
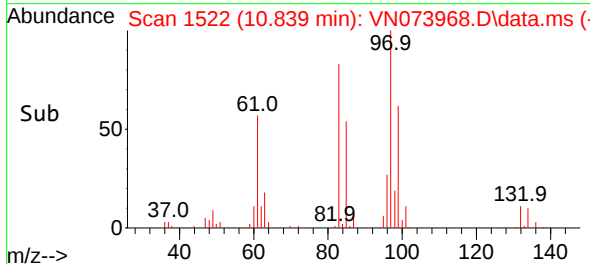
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



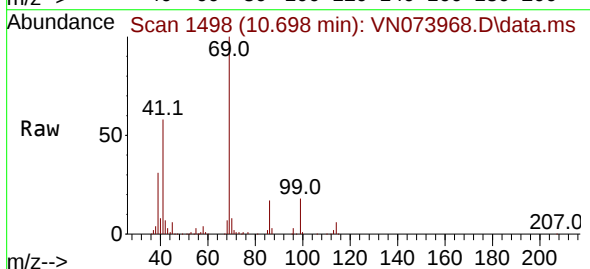
Tgt Ion:	97	Resp:	11920
Ion	Ratio	Lower	Upper
97	100		
83	82.7	66.2	99.4
85	54.2	43.9	65.9
99	62.1	50.6	76.0

Manual Integrations
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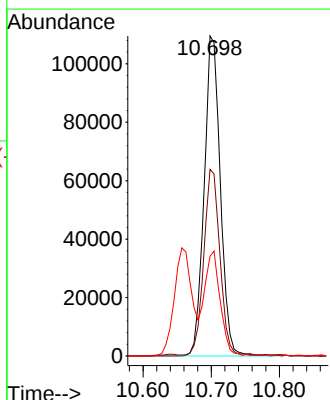
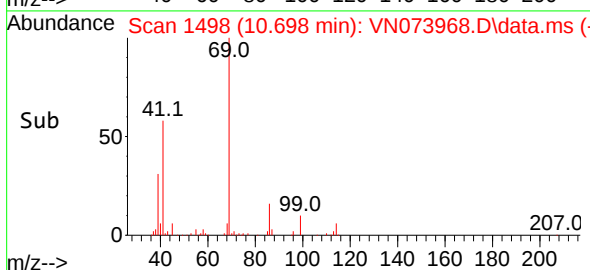
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#56
Ethyl methacrylate
Concen: 20.539 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43



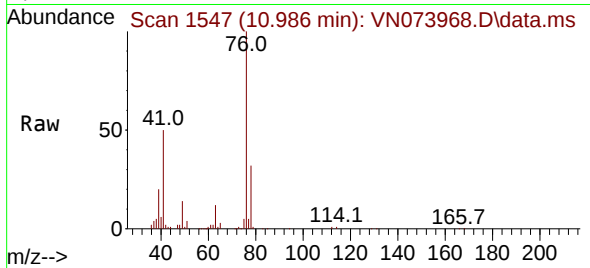
Tgt Ion:	69	Resp:	181247
Ion	Ratio	Lower	Upper
69	100		
41	57.2	47.8	71.6
39	31.7	27.3	40.9





#57
1,3-Dichloropropane
Concen: 19.552 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

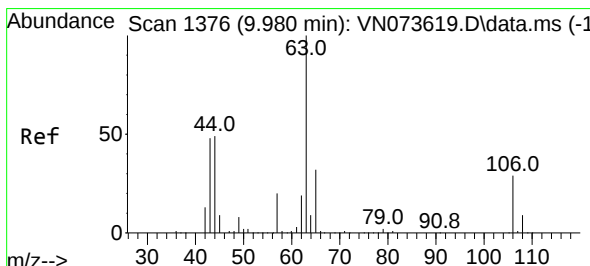
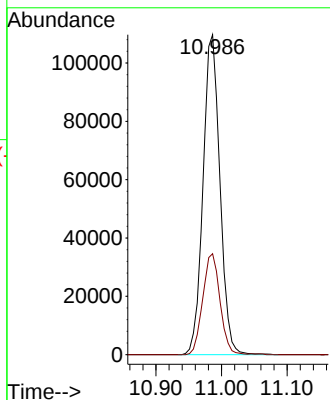
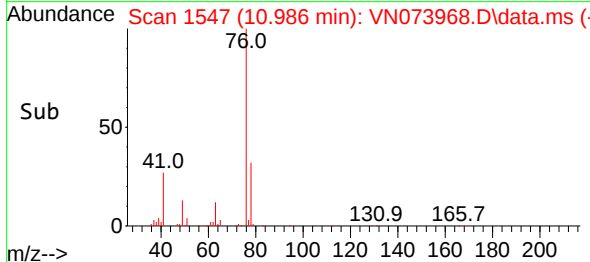
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion: 76 Resp: 196694
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.2

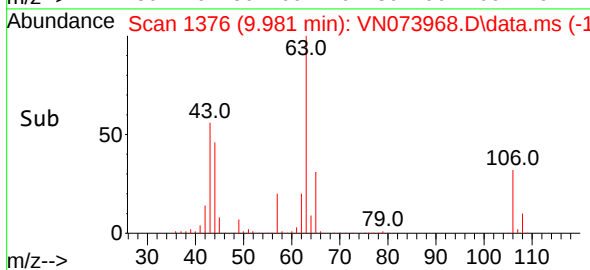
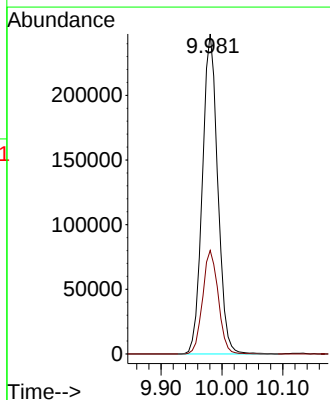
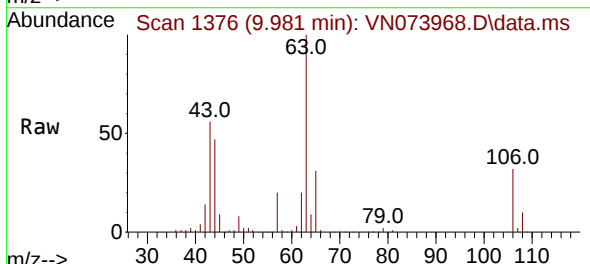
Manual Integrations
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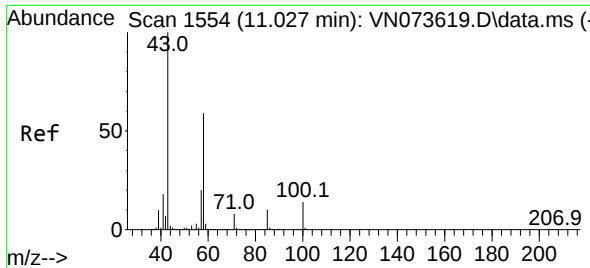
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#58
2-Chloroethyl Vinyl ether
Concen: 105.373 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.001 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

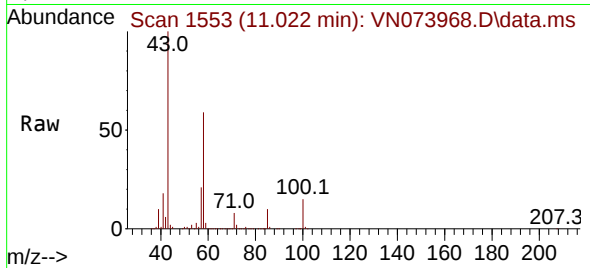
Tgt Ion: 63 Resp: 433990
Ion Ratio Lower Upper
63 100
106 32.7 24.6 36.8





#59
2-Hexanone
Concen: 104.647 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.005 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

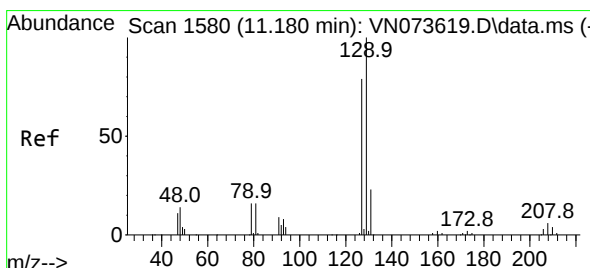
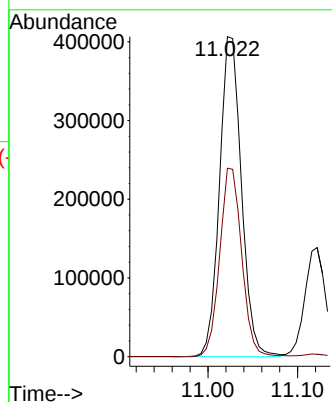
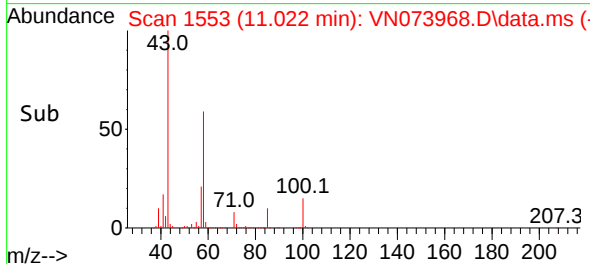
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion: 43 Resp: 69066
Ion Ratio Lower Upper
43 100
58 59.1 29.7 89.1

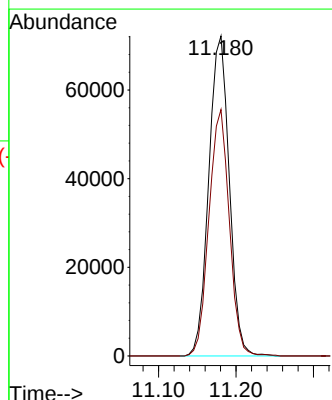
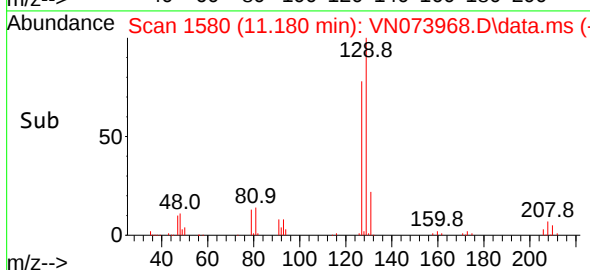
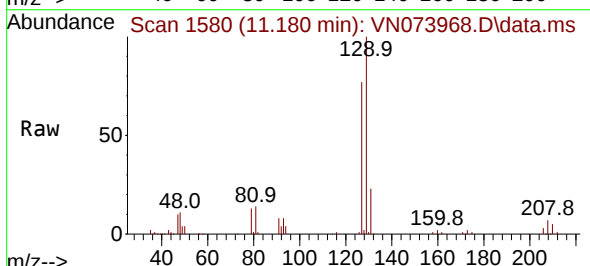
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#60
Dibromochloromethane
Concen: 19.374 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

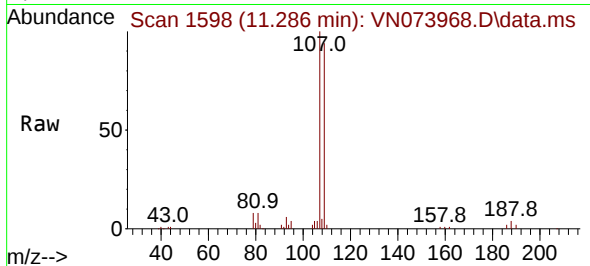
Tgt Ion:129 Resp: 132559
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.805 ug/l
RT: 11.286 min Scan# 11286
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

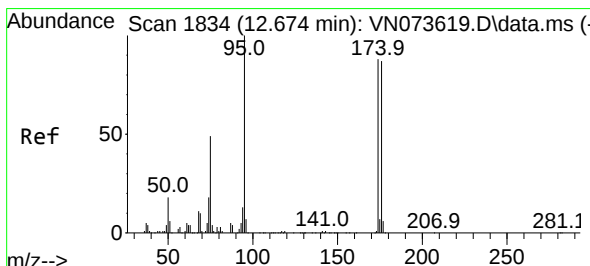
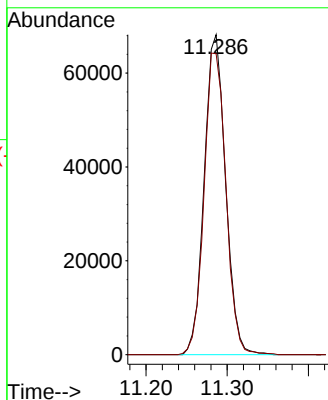
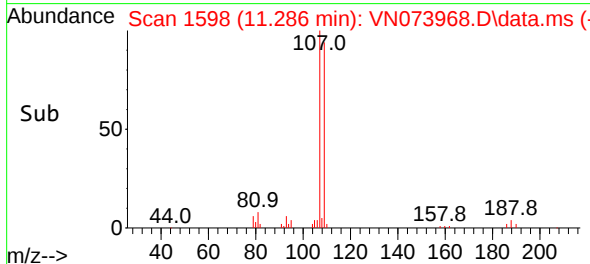
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



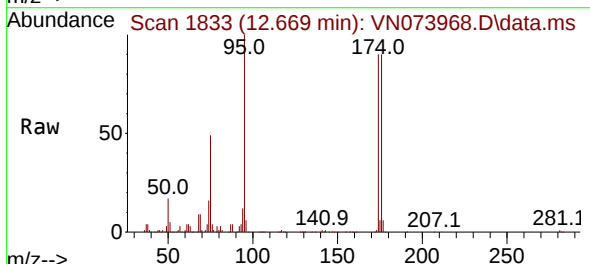
Tgt Ion:107 Resp: 124440
Ion Ratio Lower Upper
107 100
109 96.7 75.0 112.6

Manual Integrations
APPROVED

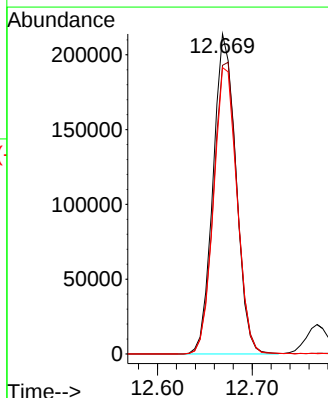
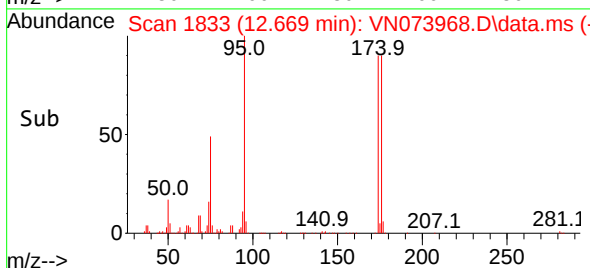
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022

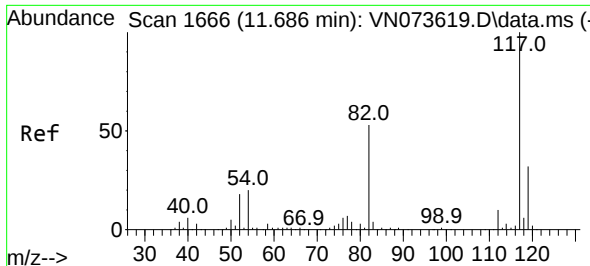


#62
4-Bromofluorobenzene
Concen: 52.670 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43



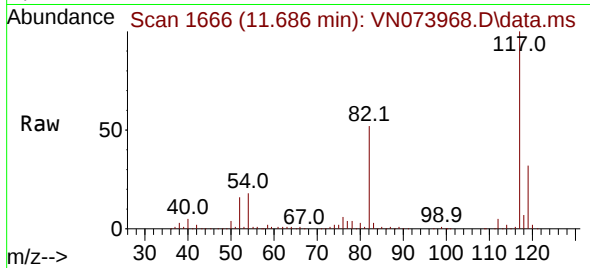
Tgt Ion: 95 Resp: 358215
Ion Ratio Lower Upper
95 100
174 94.2 0.0 167.6
176 91.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

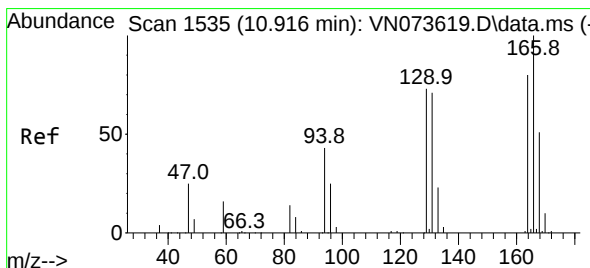
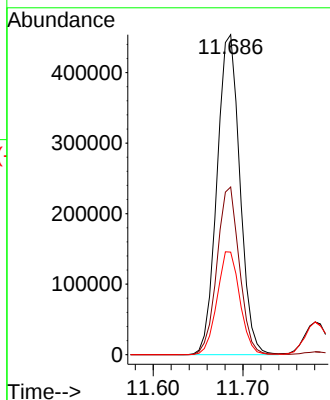
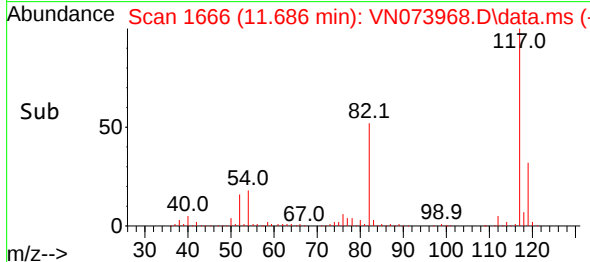
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



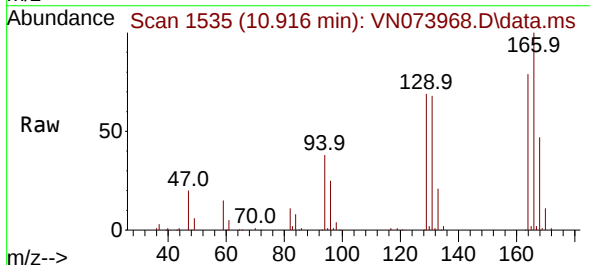
Tgt Ion:117 Resp: 804302
Ion Ratio Lower Upper
117 100
82 52.4 44.2 66.2
119 32.1 25.4 38.0

Manual Integrations
APPROVED

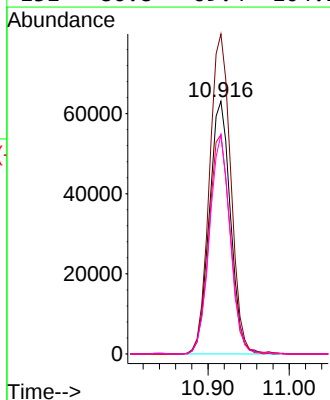
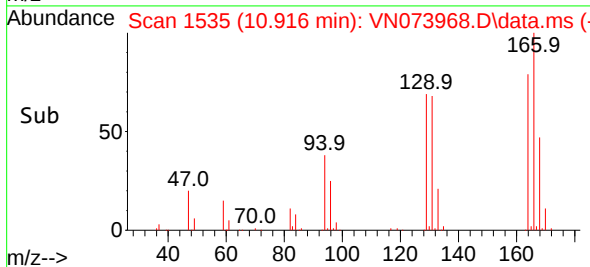
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022

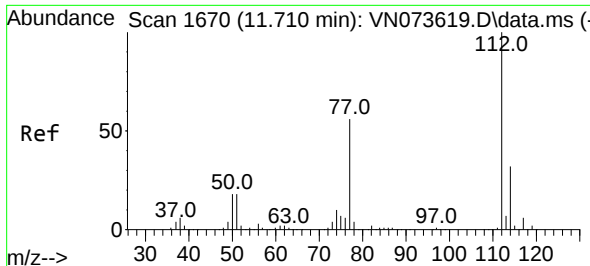


#64
Tetrachloroethene
Concen: 17.973 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43



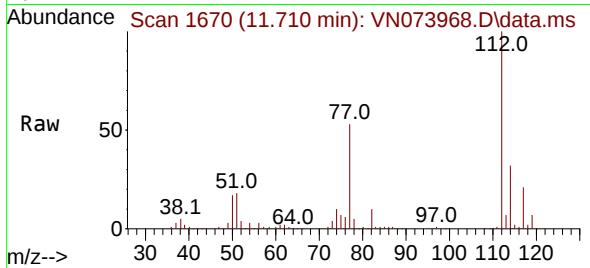
Tgt Ion:164 Resp: 114095
Ion Ratio Lower Upper
164 100
166 126.7 104.2 156.2
129 86.9 73.9 110.9
131 86.8 69.4 104.2





#65
Chlorobenzene
Concen: 18.710 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

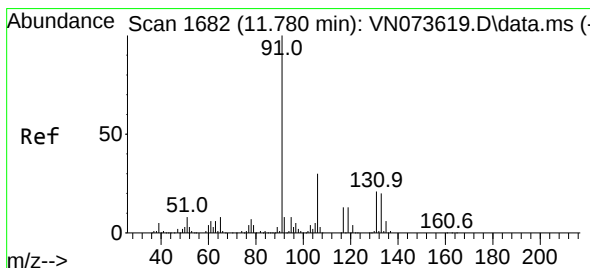
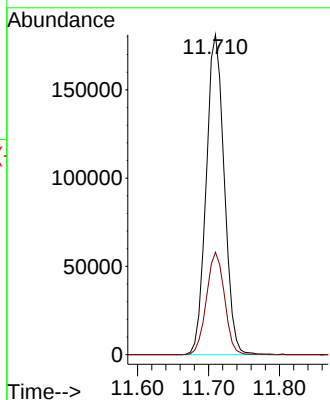
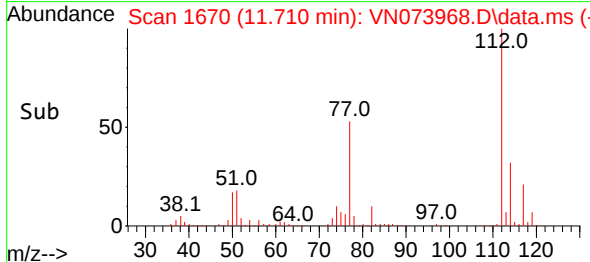
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



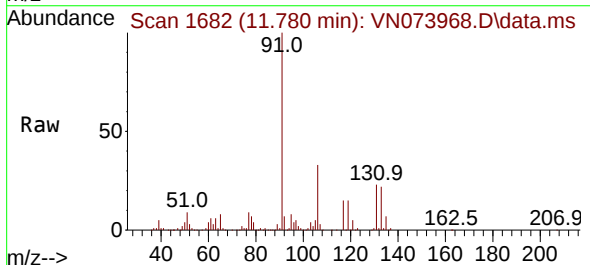
Tgt Ion:112 Resp: 319820
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

Manual Integrations
APPROVED

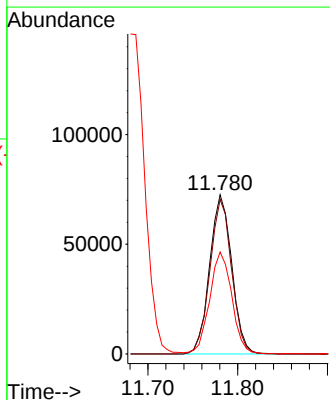
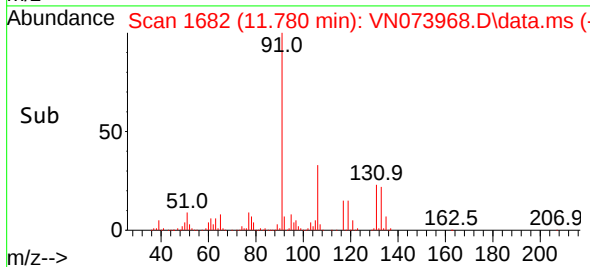
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022

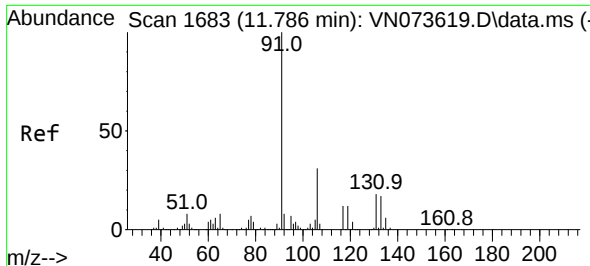


#66
1,1,1,2-Tetrachloroethane
Concen: 19.186 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43



Tgt Ion:131 Resp: 124188
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.4
119 64.4 33.4 100.2





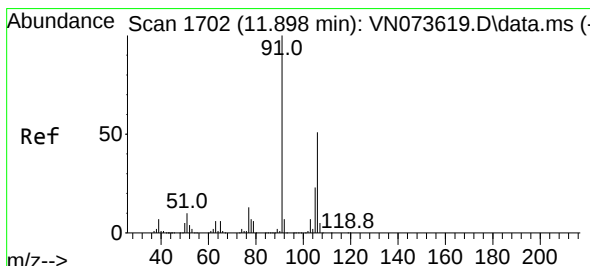
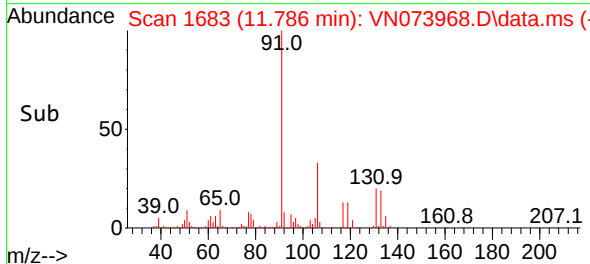
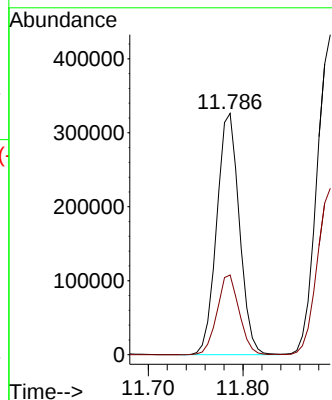
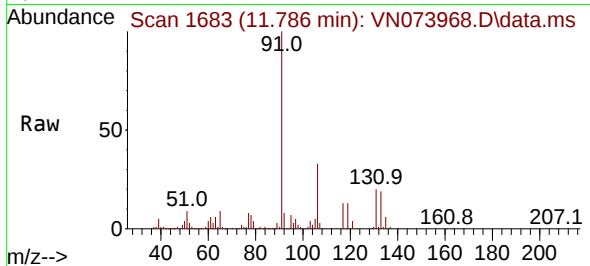
#67
Ethyl Benzene
Concen: 19.059 ug/l
RT: 11.786 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion: 91 Resp: 541784
Ion Ratio Lower Upper
91 100
106 33.0 24.9 37.3

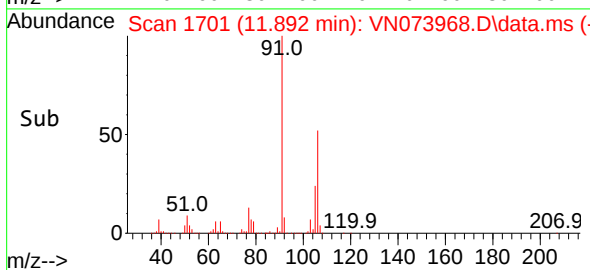
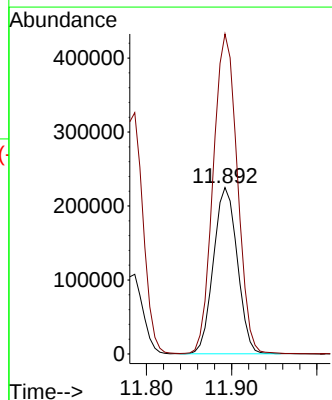
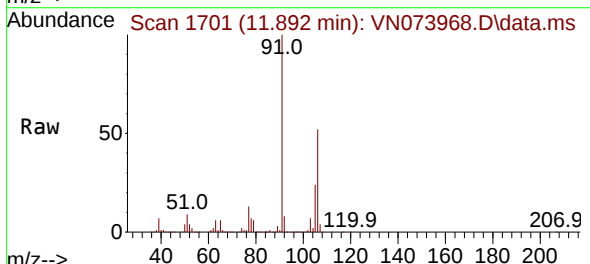
Manual Integrations
APPROVED

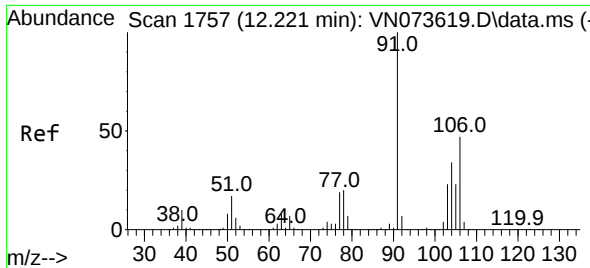
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#68
m/p-Xylenes
Concen: 37.835 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

Tgt Ion:106 Resp: 436996
Ion Ratio Lower Upper
106 100
91 195.0 158.9 238.3





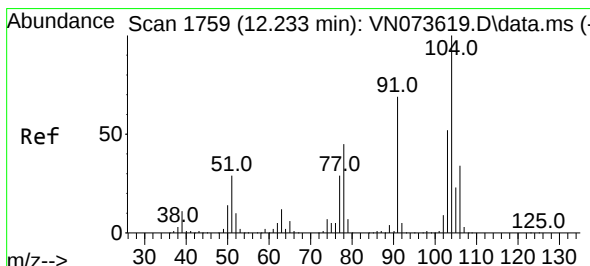
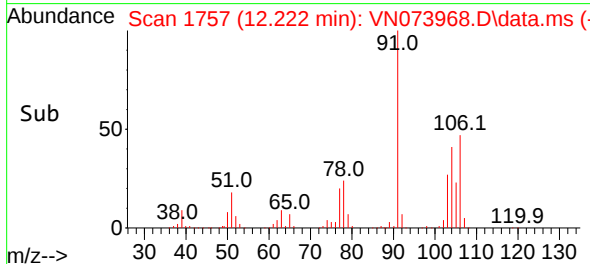
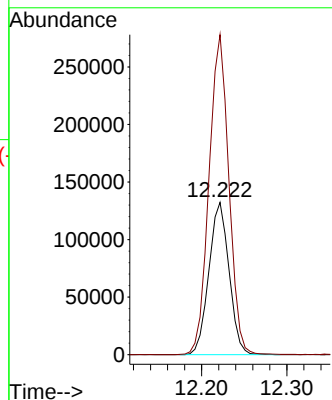
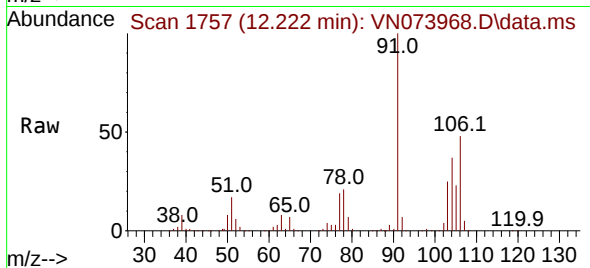
#69
o-Xylene
Concen: 18.777 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.001 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion:106 Resp: 21748
Ion Ratio Lower Upper
106 100
91 207.2 106.0 318.0

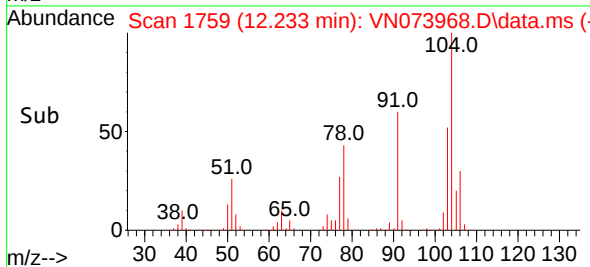
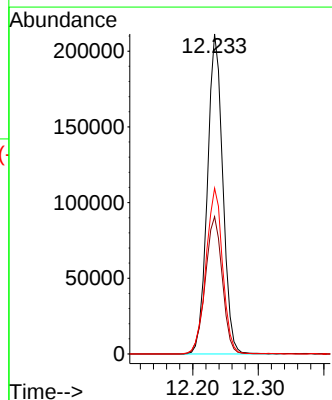
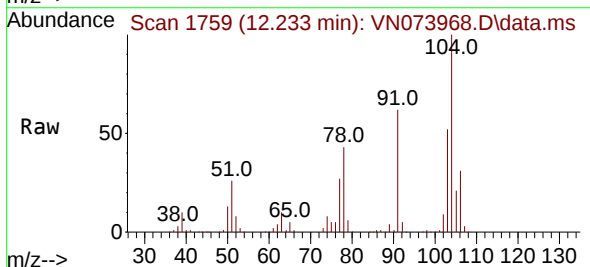
Manual Integrations
APPROVED

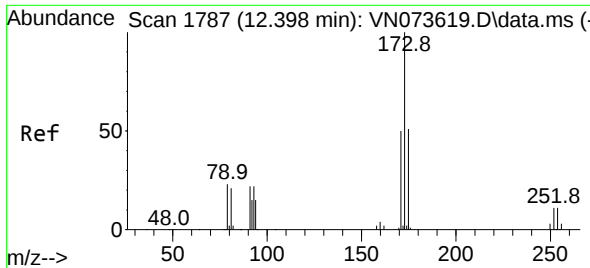
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#70
Styrene
Concen: 19.040 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

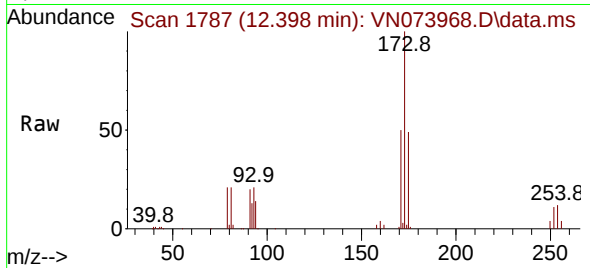
Tgt Ion:104 Resp: 345260
Ion Ratio Lower Upper
104 100
78 47.3 39.5 59.3
103 55.9 44.0 66.0





#71
Bromoform
Concen: 18.235 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

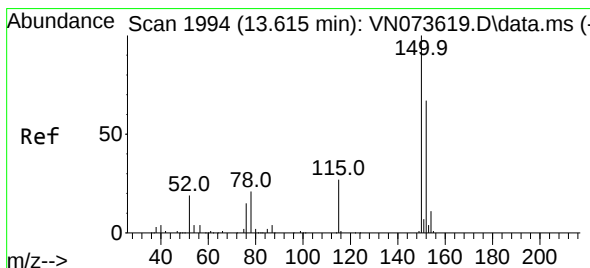
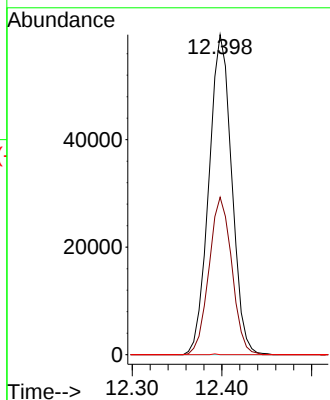
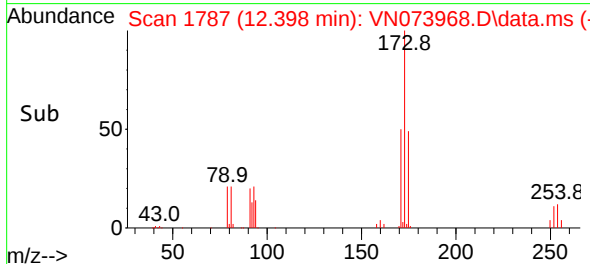
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



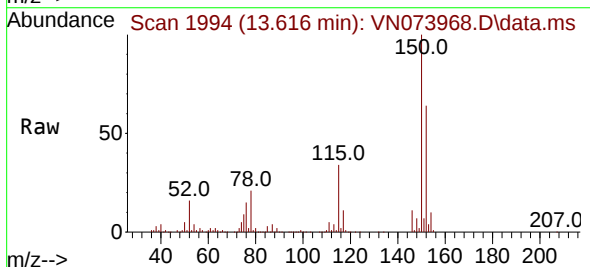
Tgt Ion:173 Resp: 10538
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

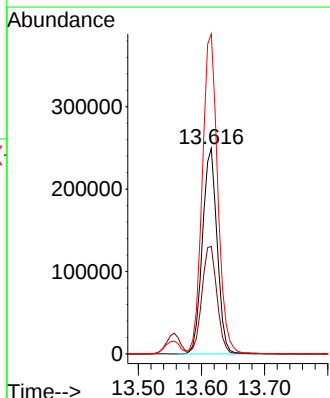
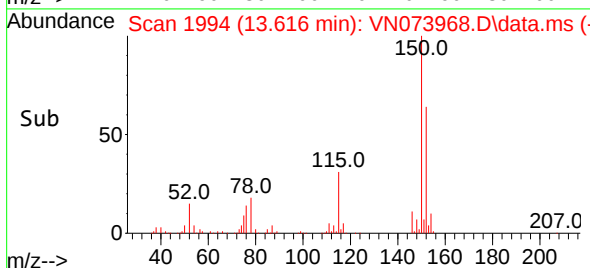
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022

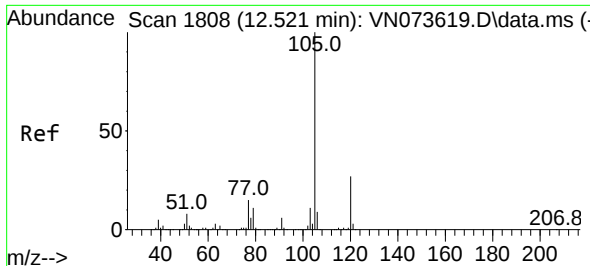


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43



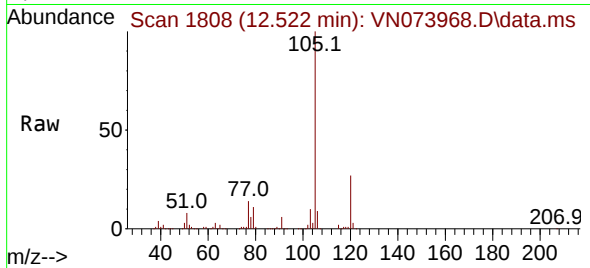
Tgt Ion:152 Resp: 404272
Ion Ratio Lower Upper
152 100
115 53.7 28.9 86.7
150 162.3 0.0 356.2





#73
Isopropylbenzene
Concen: 18.932 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.001 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

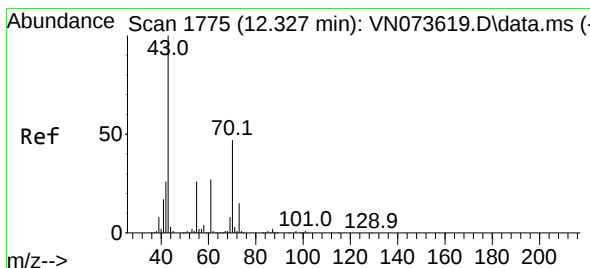
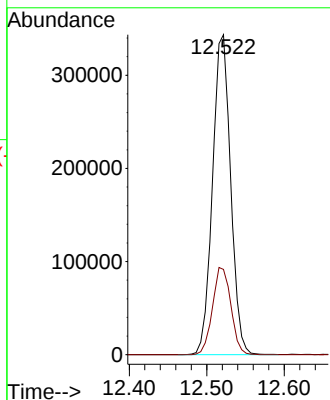
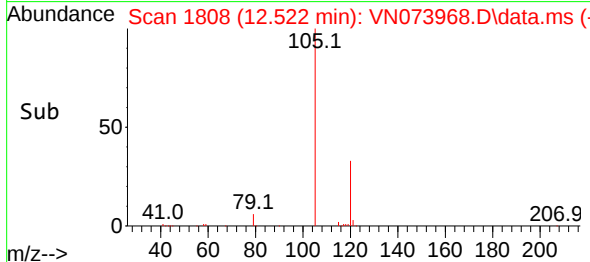
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion:105 Resp: 557329
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.4

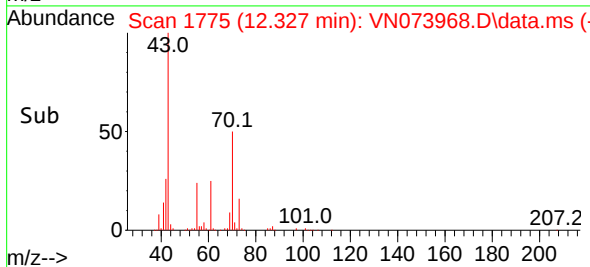
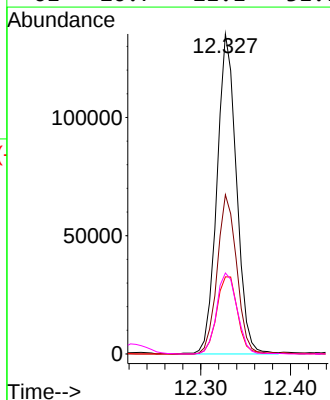
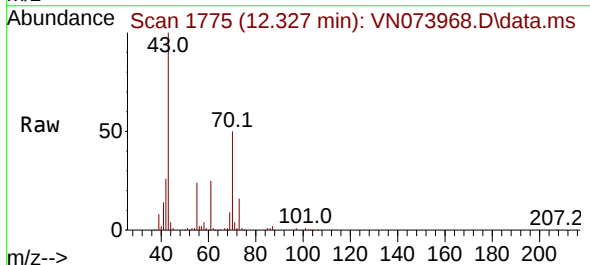
Manual Integrations
APPROVED

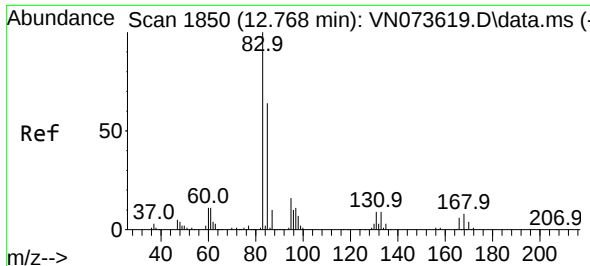
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#74
N-ethyl acetate
Concen: 18.360 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

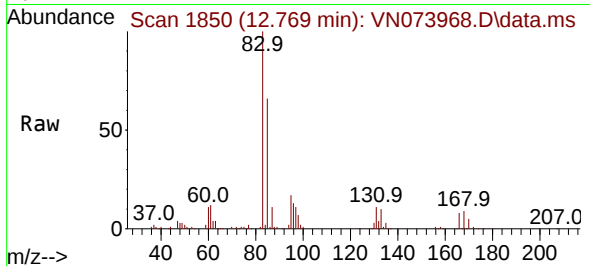
Tgt Ion: 43 Resp: 204318
Ion Ratio Lower Upper
43 100
70 49.6 39.0 58.4
55 25.9 21.1 31.7
61 26.7 21.1 31.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.352 ug/l
 RT: 12.769 min Scan# 1850
 Delta R.T. 0.001 min
 Lab File: VN073968.D
 Acq: 17 Aug 2022 11:43

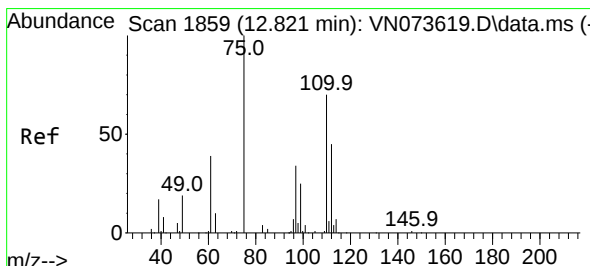
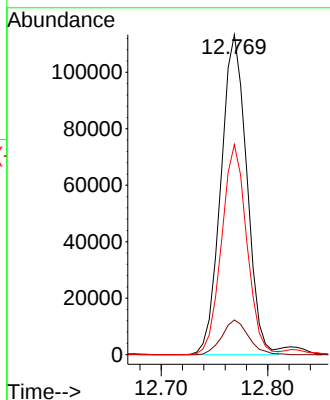
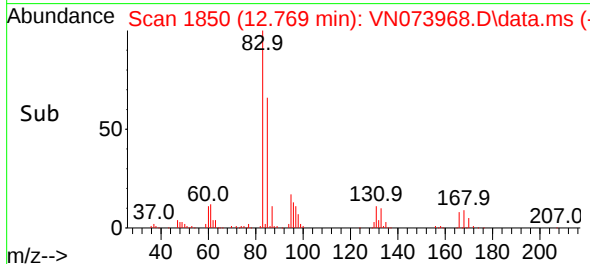
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01



Tgt Ion: 83 Resp: 191160
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.3 15.9
 85 64.0 32.3 96.9

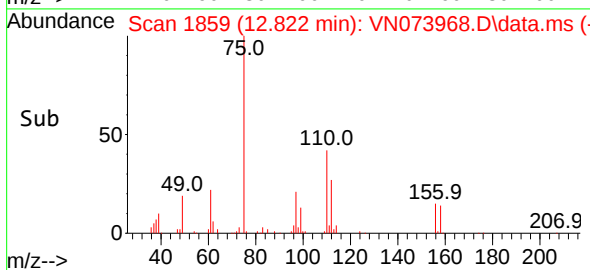
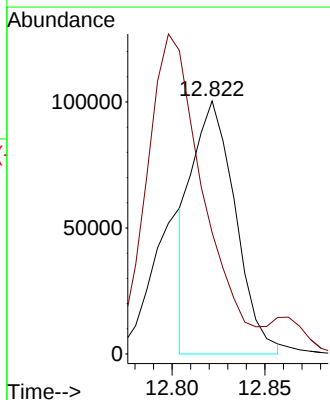
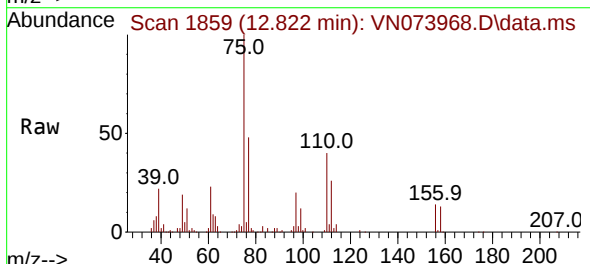
Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/17/2022
 Supervised By :Mahesh Dadoda 08/18/2022



#76
 1,2,3-Trichloropropane
 Concen: 19.381 ug/l m
 RT: 12.822 min Scan# 1859
 Delta R.T. 0.001 min
 Lab File: VN073968.D
 Acq: 17 Aug 2022 11:43

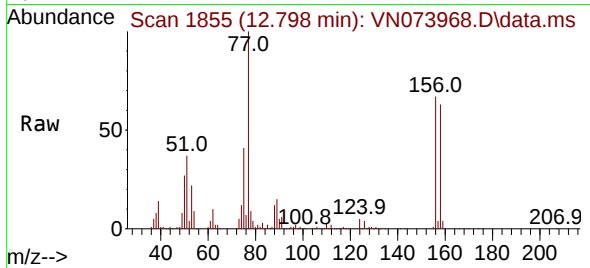
Tgt Ion: 75 Resp: 162852
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 18.317 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

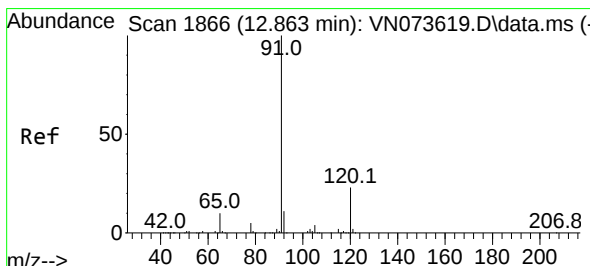
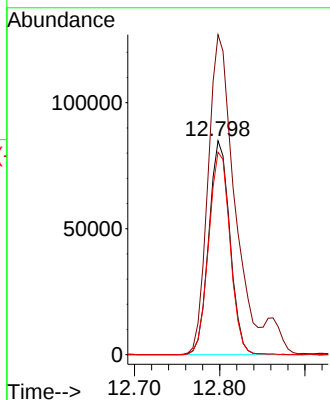
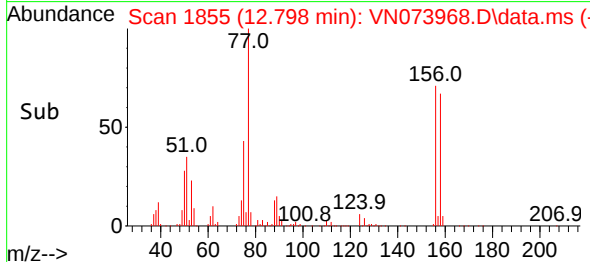
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



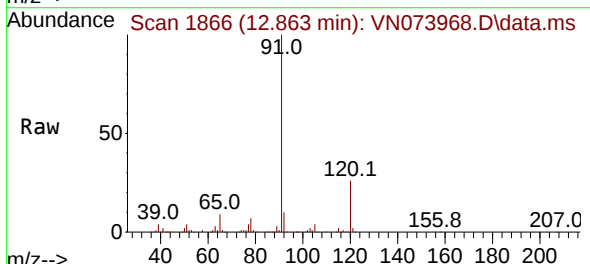
Tgt Ion: 156 Resp: 14595
Ion Ratio Lower Upper
156 100
77 184.7 100.5 301.5
158 96.0 48.9 146.6

Manual Integrations
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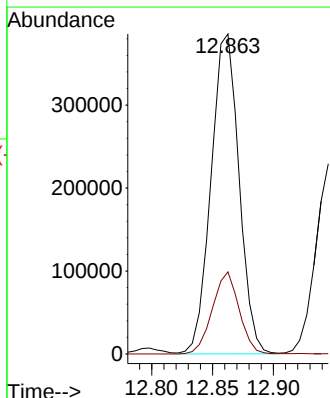
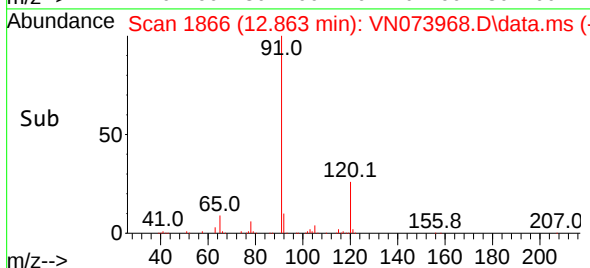
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022

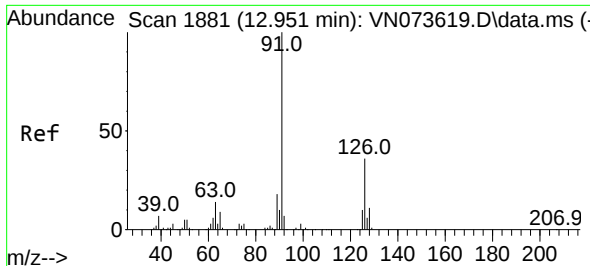


#78
n-propylbenzene
Concen: 19.676 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43



Tgt Ion: 91 Resp: 617428
Ion Ratio Lower Upper
91 100
120 24.4 11.9 35.5





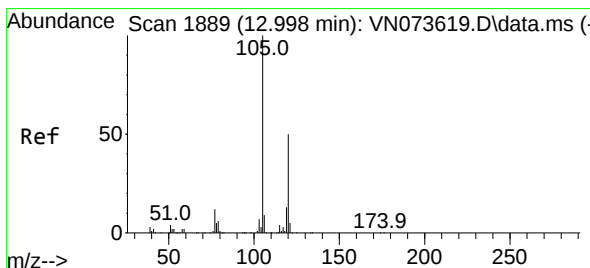
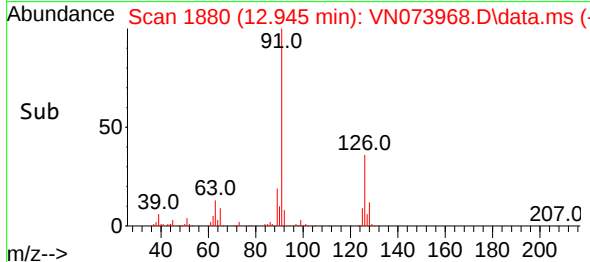
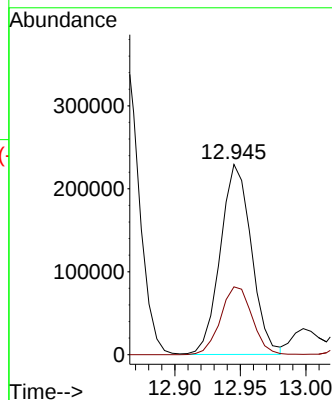
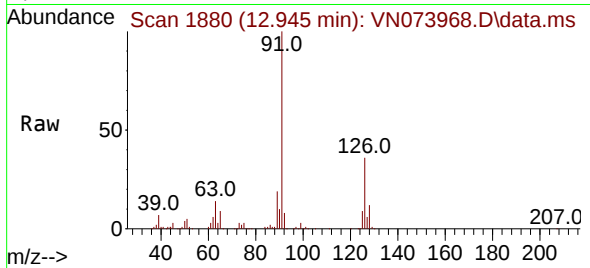
#79
2-Chlorotoluene
Concen: 19.354 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion: 91 Resp: 37846
Ion Ratio Lower Upper
91 100
126 36.2 17.3 51.9

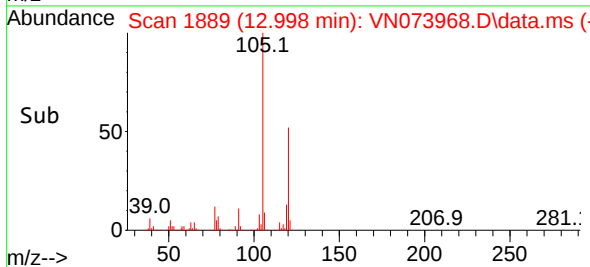
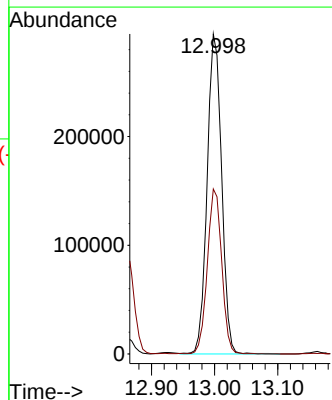
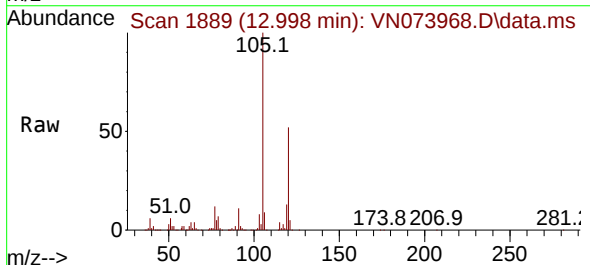
Manual Integrations
APPROVED

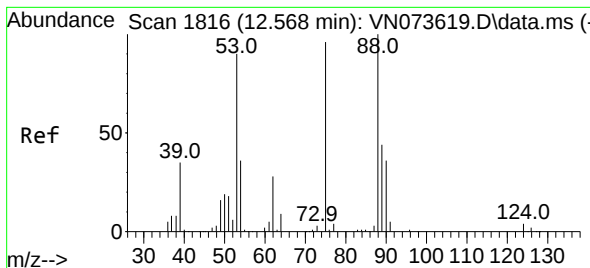
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.575 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

Tgt Ion:105 Resp: 468708
Ion Ratio Lower Upper
105 100
120 51.3 24.9 74.7





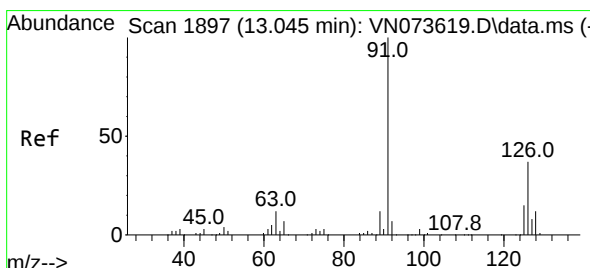
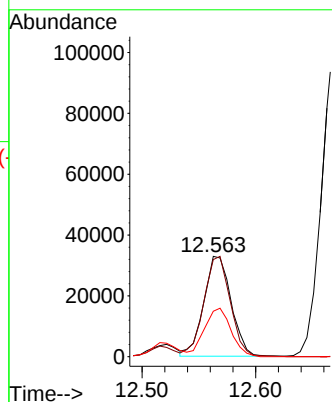
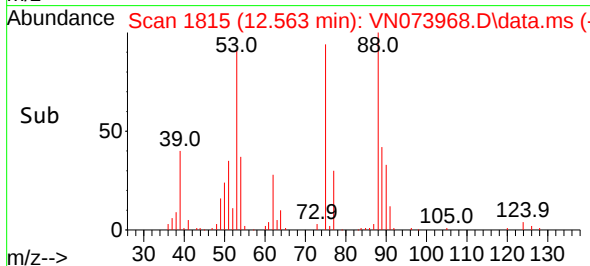
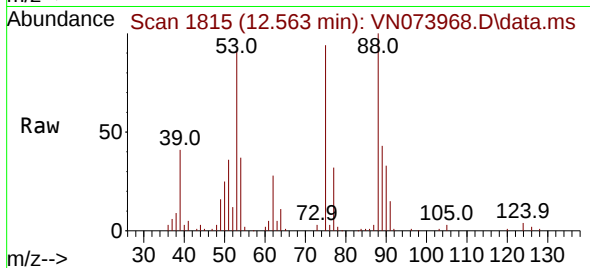
#81
trans-1,4-Dichloro-2-butene
Concen: 18.520 ug/l
RT: 12.563 min Scan# 1816
Delta R.T. -0.005 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion: 75 Resp: 54710
Ion Ratio Lower Upper
75 100
53 97.8 78.0 117.0
89 47.5 37.2 55.8

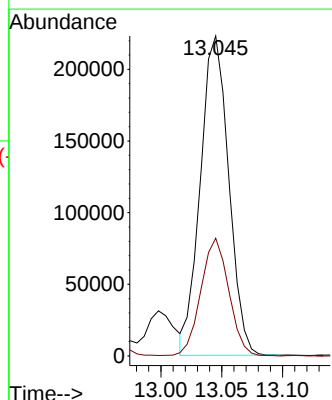
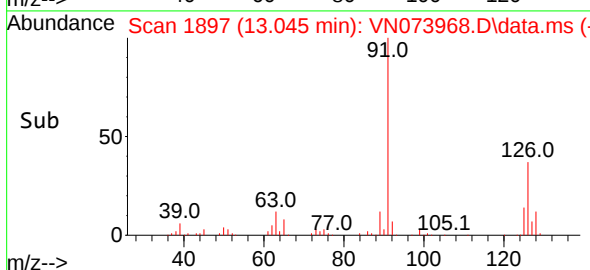
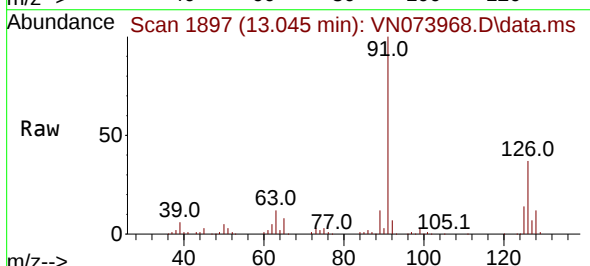
Manual Integrations
APPROVED

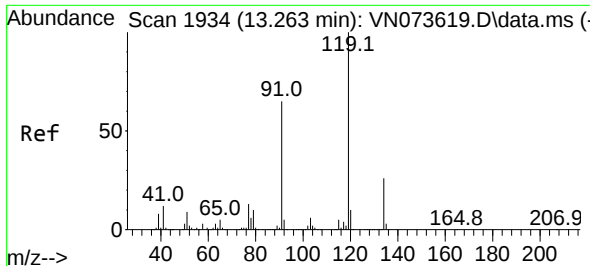
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#82
4-Chlorotoluene
Concen: 19.475 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

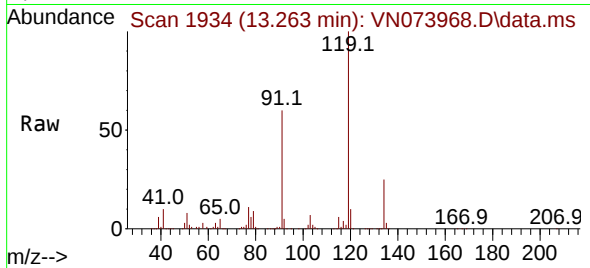
Tgt Ion: 91 Resp: 361701
Ion Ratio Lower Upper
91 100
126 36.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 19.220 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

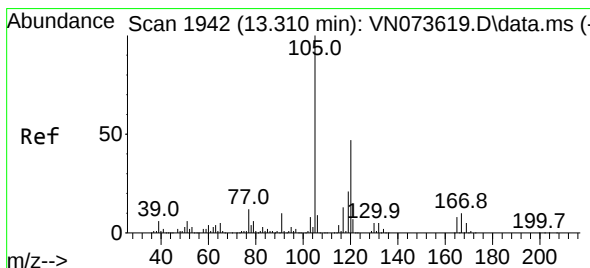
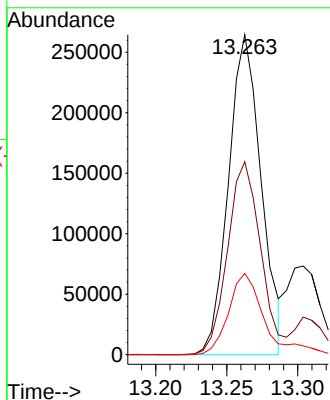
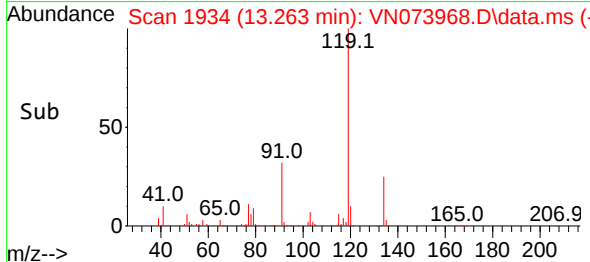
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



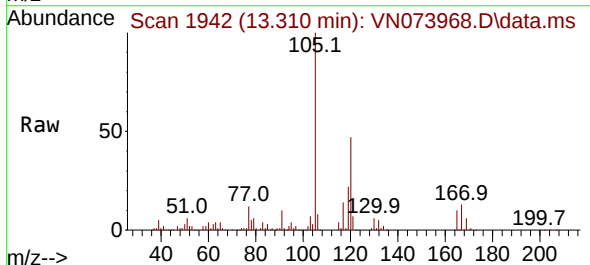
Tgt Ion:119 Resp: 423499
Ion Ratio Lower Upper
119 100
91 61.5 31.6 94.8
134 27.8 13.7 41.1

Manual Integrations
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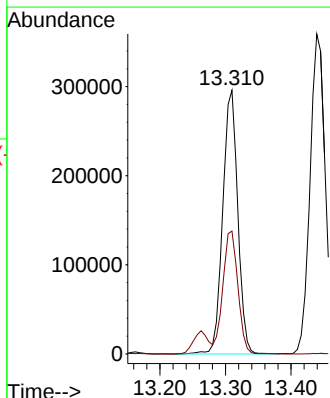
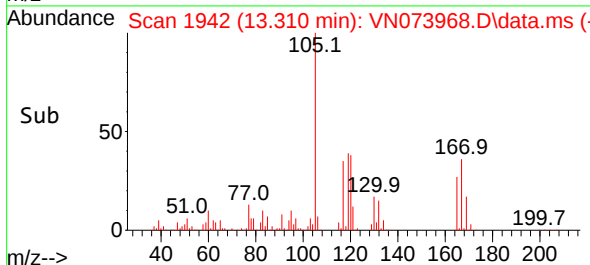
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022

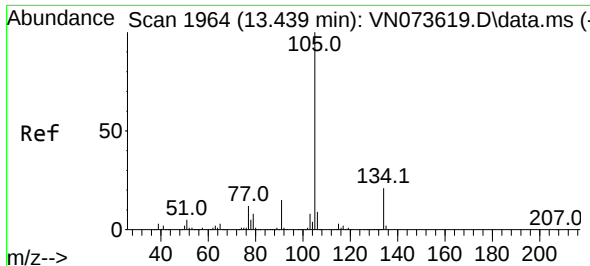


#84
1,2,4-Trimethylbenzene
Concen: 19.647 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43



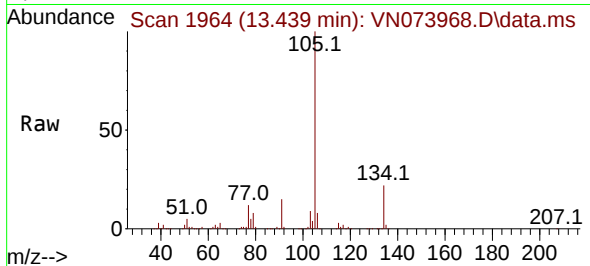
Tgt Ion:105 Resp: 469786
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 20.218 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073968.D
 Acq: 17 Aug 2022 11:43

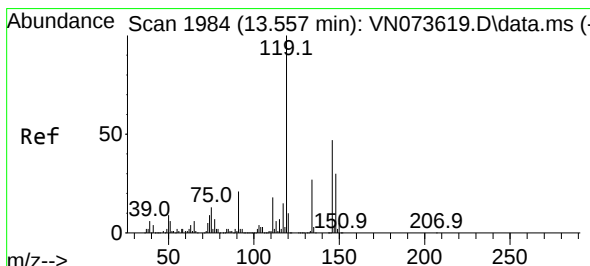
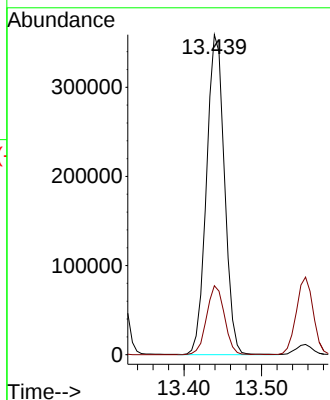
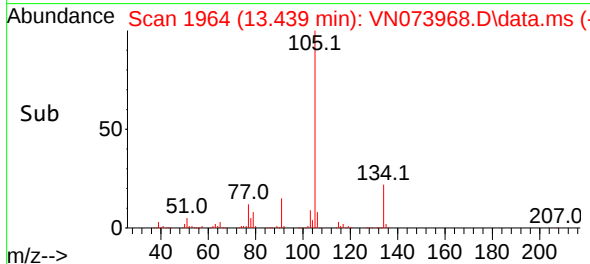
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01



Tgt Ion:105 Resp: 577450
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.4 31.1

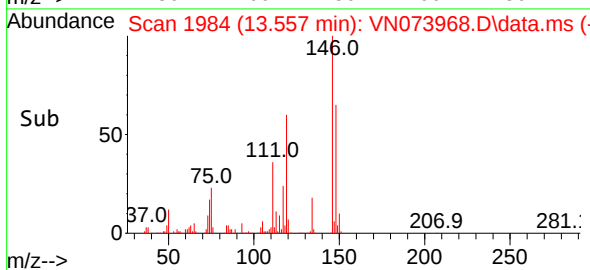
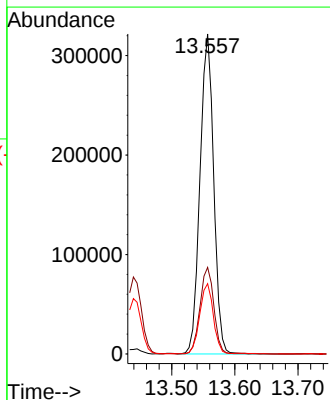
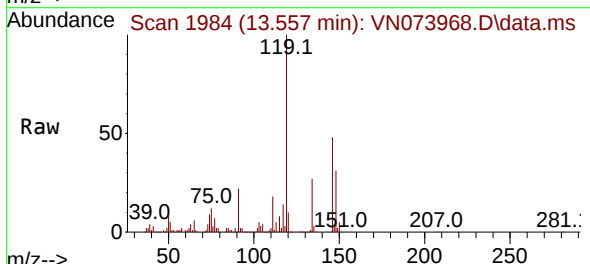
Manual Integrations
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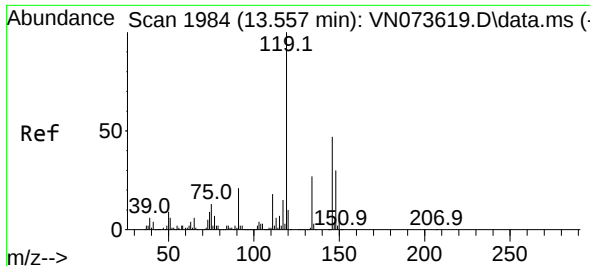
Reviewed By :John Carlone 08/17/2022
 Supervised By :Mahesh Dadoda 08/18/2022



#86
 p-Isopropyltoluene
 Concen: 19.935 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073968.D
 Acq: 17 Aug 2022 11:43

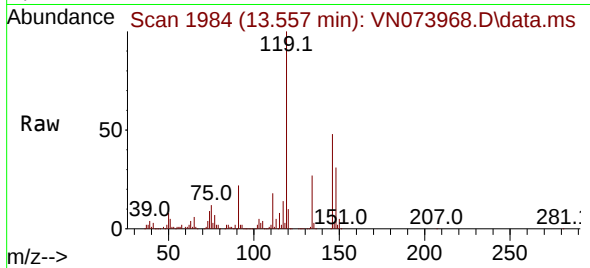
Tgt Ion:119 Resp: 485058
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.3 39.8
 91 21.7 11.3 33.9





#87
 1,3-Dichlorobenzene
 Concen: 18.821 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073968.D
 Acq: 17 Aug 2022 11:43

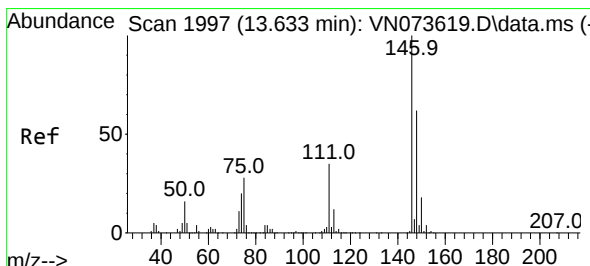
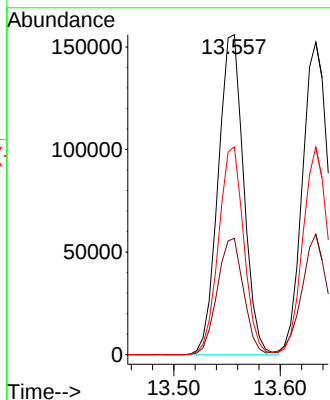
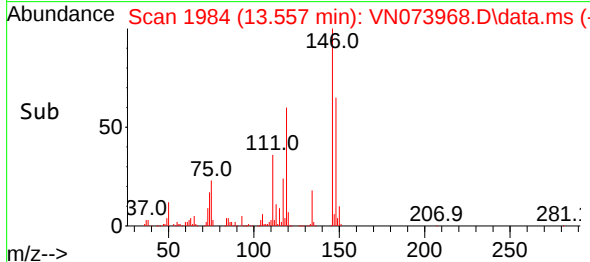
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01



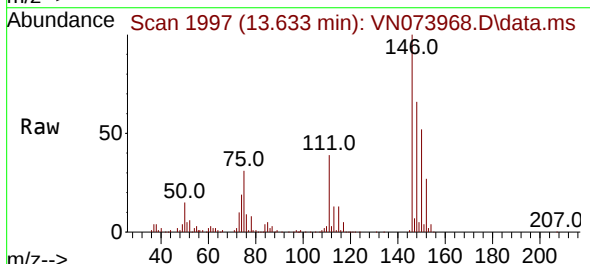
Tgt Ion:146 Resp: 260079
 Ion Ratio Lower Upper
 146 100
 111 37.3 20.0 60.0
 148 64.3 32.0 96.0

Manual Integrations
 APPROVED

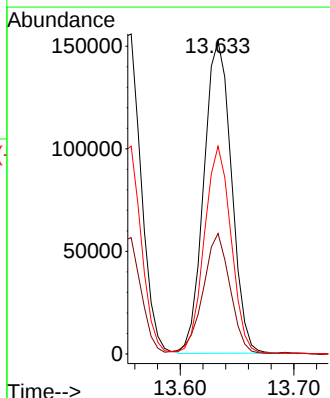
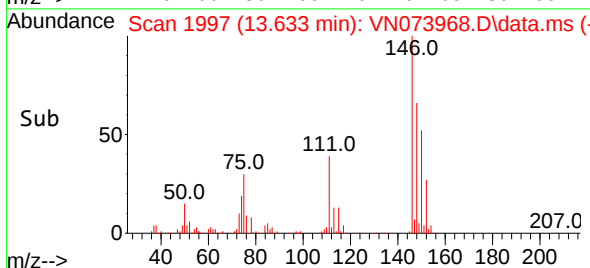
Reviewed By :John Carlone 08/17/2022
 Supervised By :Mahesh Dadoda 08/18/2022

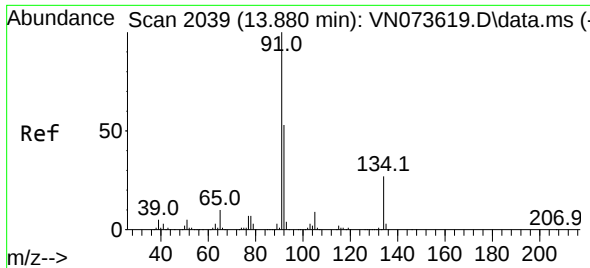


#88
 1,4-Dichlorobenzene
 Concen: 18.364 ug/l
 RT: 13.633 min Scan# 1997
 Delta R.T. 0.000 min
 Lab File: VN073968.D
 Acq: 17 Aug 2022 11:43



Tgt Ion:146 Resp: 257174
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.1
 148 64.3 31.4 94.3





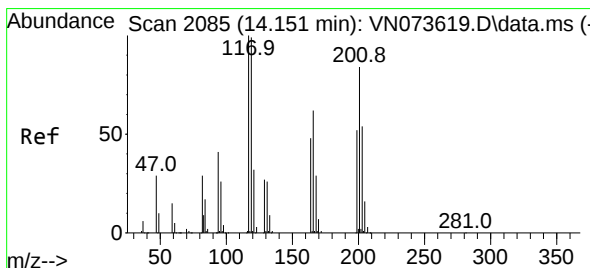
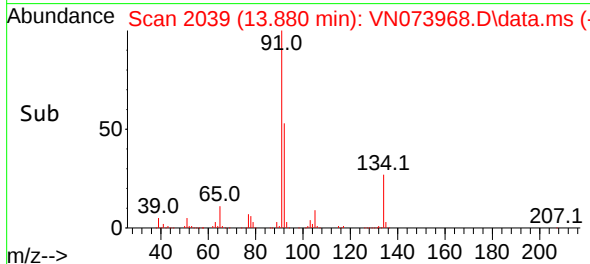
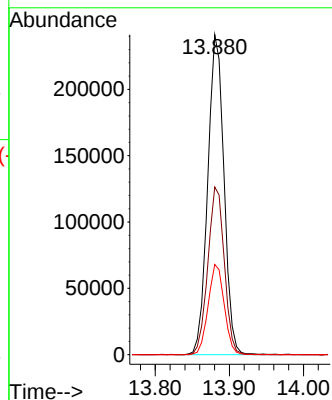
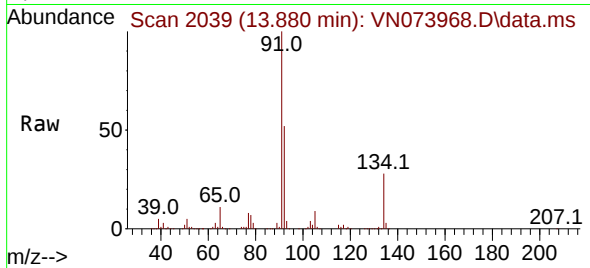
#89
n-Butylbenzene
Concen: 19.028 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tgt Ion: 91 Resp: 36672
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.7
134 27.9 13.6 40.8

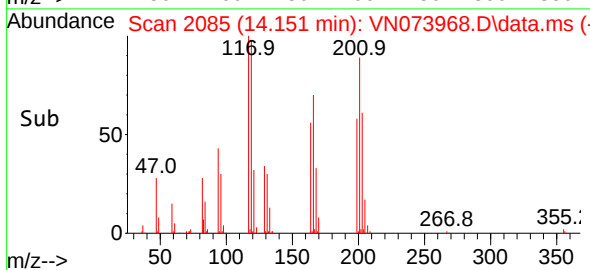
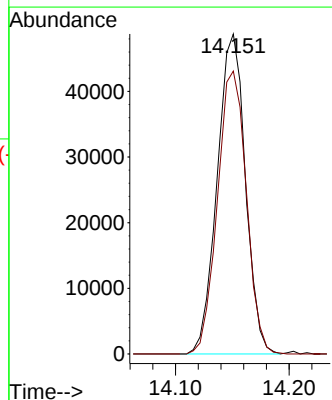
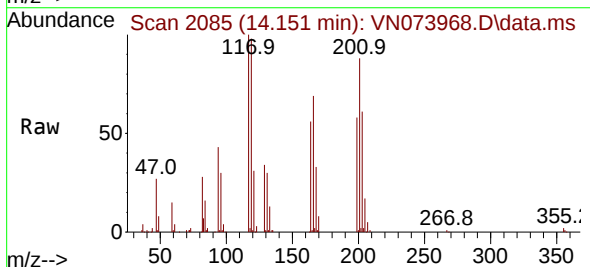
Manual Integrations
APPROVED

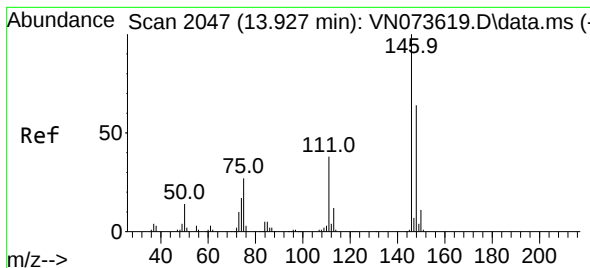
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#90
Hexachloroethane
Concen: 18.915 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

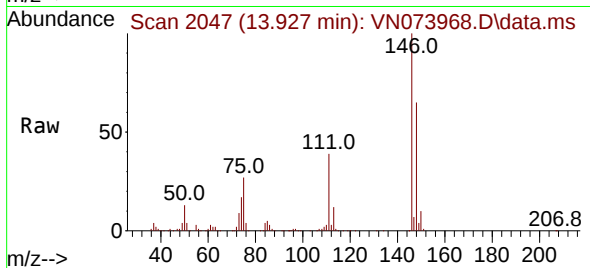
Tgt Ion:117 Resp: 84125
Ion Ratio Lower Upper
117 100
201 90.4 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 18.633 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

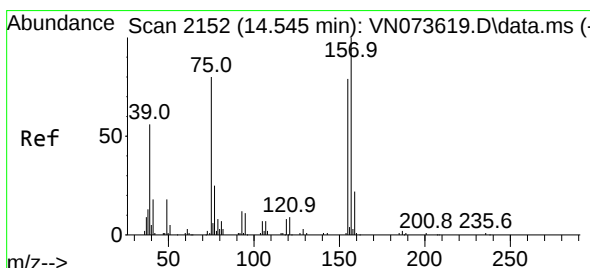
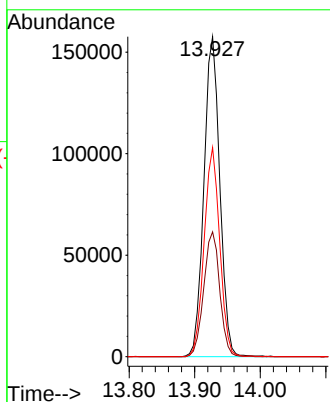
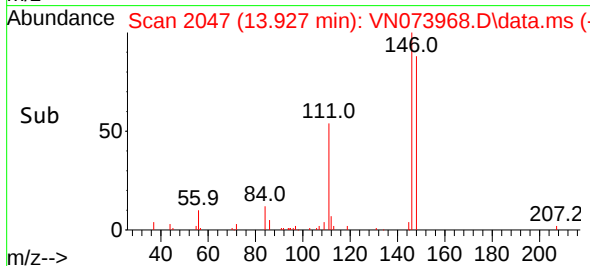
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion:146 Resp: 265884
Ion Ratio Lower Upper
146 100
111 39.3 20.9 62.8
148 64.0 32.1 96.3

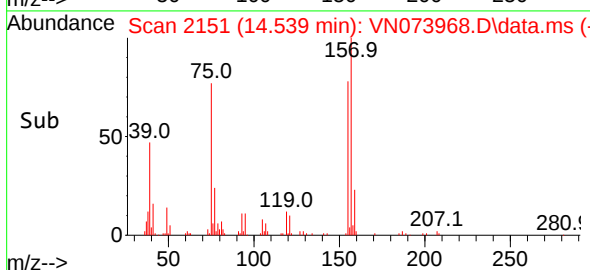
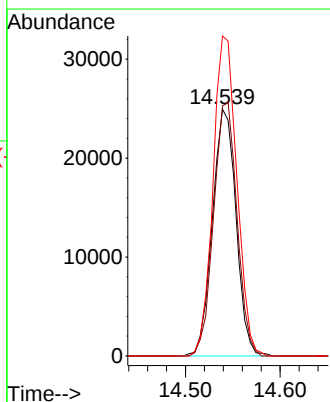
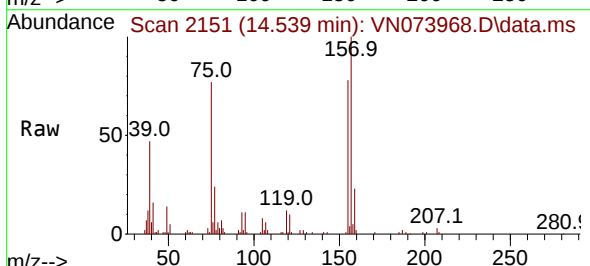
Manual Integrations
APPROVED

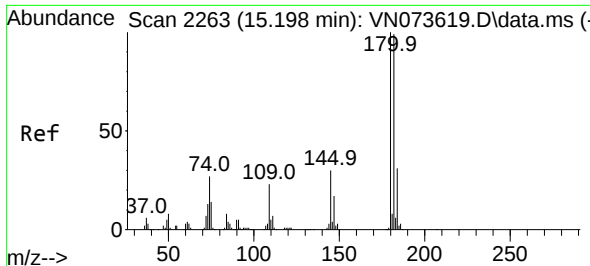
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.547 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

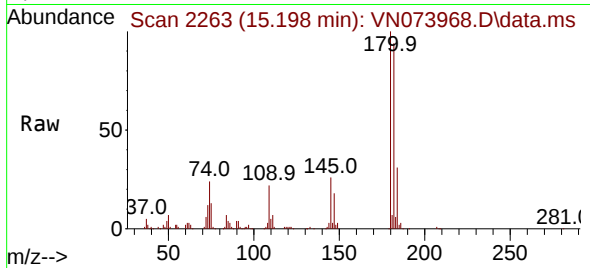
Tgt Ion: 75 Resp: 43259
Ion Ratio Lower Upper
75 100
155 101.6 44.9 134.5
157 130.5 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 18.821 ug/l
RT: 15.198 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

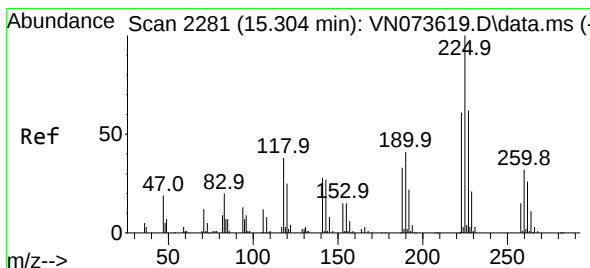
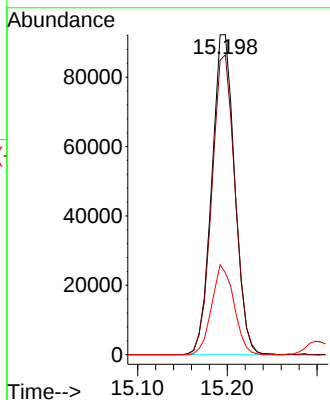
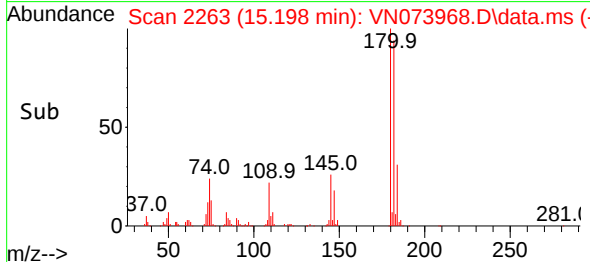
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



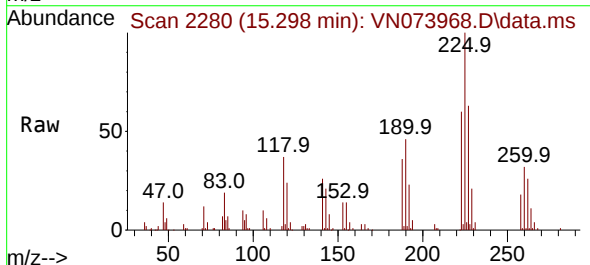
Tgt Ion:180 Resp: 16345
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.5
145 27.3 14.5 43.5

Manual Integrations
APPROVED

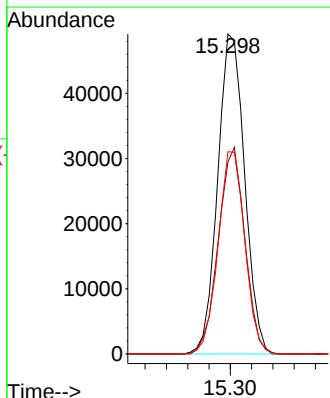
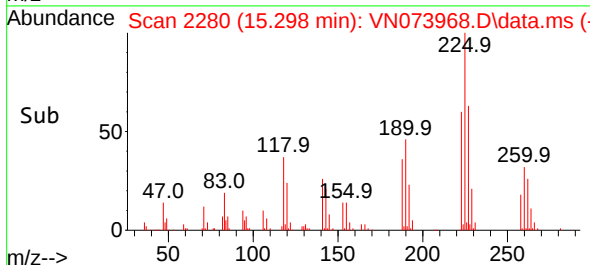
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#94
Hexachlorobutadiene
Concen: 18.837 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. -0.006 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43



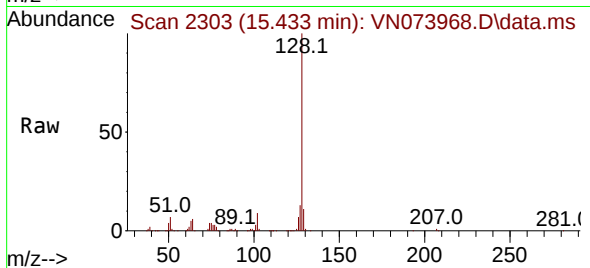
Tgt Ion:225 Resp: 86238
Ion Ratio Lower Upper
225 100
223 63.5 32.4 97.2
227 62.6 31.8 95.4





#95
Naphthalene
Concen: 18.745 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

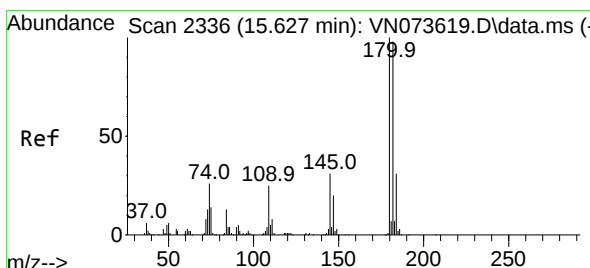
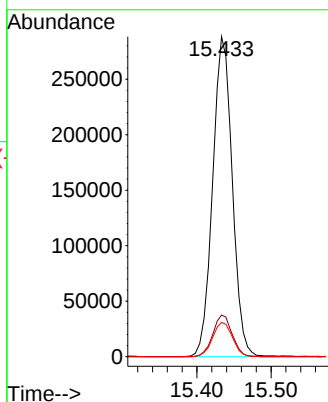
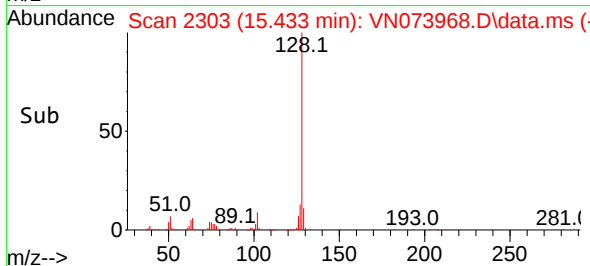
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01



Tgt Ion:128 Resp: 530740
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.692 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073968.D
Acq: 17 Aug 2022 11:43

Tgt Ion:180 Resp: 167793
Ion Ratio Lower Upper
180 100
182 97.6 47.8 143.3
145 29.9 15.5 46.5

