

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102022\
 Data File : VN074947.D
 Acq On : 20 Oct 2022 17:16
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 21 03:07:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 03:02:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/21/2022
 Supervised By : Mahesh Dadoda 10/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	460355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	813903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	838309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	495804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	68161	6.163	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	12.320%#		
35) Dibromofluoromethane	8.171	113	49534	5.569	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.140%#		
50) Toluene-d8	10.571	98	183503	5.148	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.300%#		
62) 4-Bromofluorobenzene	12.853	95	65158	6.358	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	12.720%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	41336	5.370	ug/l	96
3) Chloromethane	2.377	50	53545	4.771	ug/l	95
4) Vinyl Chloride	2.524	62	76393	4.313	ug/l	100
5) Bromomethane	2.930	94	71169	4.139	ug/l	98
6) Chloroethane	3.112	64	60562	3.755	ug/l	95
7) Trichlorofluoromethane	3.500	101	76182	6.188	ug/l	92
8) Diethyl Ether	3.965	74	31163	5.708	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.383	101	47994	6.407	ug/l	95
10) Methyl Iodide	4.589	142	56444	5.426	ug/l	99
11) Tert butyl alcohol	5.541	59	73722	28.546	ug/l	100
12) 1,1-Dichloroethene	4.342	96	42255	5.813	ug/l #	90
13) Acrolein	4.200	56	49566	29.239	ug/l	96
14) Allyl chloride	5.036	41	65080	4.895	ug/l	97
15) Acrylonitrile	5.741	53	145999	24.367	ug/l	100
16) Acetone	4.447	43	130776	25.468	ug/l	94
17) Carbon Disulfide	4.730	76	96754	6.074	ug/l	96
18) Methyl Acetate	5.047	43	82635	4.540	ug/l #	70
19) Methyl tert-butyl Ether	5.812	73	163049	5.791	ug/l	96
20) Methylene Chloride	5.283	84	56612	5.453	ug/l #	90
21) trans-1,2-Dichloroethene	5.794	96	47664	5.998	ug/l #	71
22) Diisopropyl ether	6.677	45	137636	4.847	ug/l	89
23) Vinyl Acetate	6.618	43	532889m	23.363	ug/l	
24) 1,1-Dichloroethane	6.583	63	86860	5.229	ug/l #	96
25) 2-Butanone	7.494	43	202876	24.287	ug/l	94
26) 2,2-Dichloropropane	7.500	77	77337	5.861	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	57966	5.738	ug/l	99
28) Bromochloromethane	7.818	49	28379	3.807	ug/l	97
29) Tetrahydrofuran	7.847	42	124750	22.227	ug/l	96
30) Chloroform	7.977	83	92696	5.414	ug/l	97
31) Cyclohexane	8.259	56	76558	5.630	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	82547	5.690	ug/l	93
36) 1,1-Dichloropropene	8.377	75	64925	5.347	ug/l	99
37) Ethyl Acetate	7.571	43	82298m	5.050	ug/l	
38) Carbon Tetrachloride	8.365	117	68533	5.674	ug/l	91
39) Methylcyclohexane	9.606	83	73930	5.352	ug/l	98
40) Benzene	8.612	78	198456	5.099	ug/l	98

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 ALS Vial : 10 Sample Multiplier: 1

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 ClientSampleId :
 VSTDIC005

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	40175	4.690	ug/l	91
42) 1,2-Dichloroethane	8.671	62	79041	6.066	ug/l	99
43) Isopropyl Acetate	8.700	43	118638	4.502	ug/l	97
44) Trichloroethene	9.359	130	49537	5.635	ug/l	100
45) 1,2-Dichloropropane	9.624	63	51321	4.871	ug/l	99
46) Dibromomethane	9.706	93	39583	5.852	ug/l	92
47) Bromodichloromethane	9.888	83	70333	5.183	ug/l #	96
48) Methyl methacrylate	9.682	41	50587	4.290	ug/l	99
49) 1,4-Dioxane	9.700	88	29597	111.879	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	375995	22.050	ug/l	99
52) Toluene	10.629	92	126839	5.295	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	71549	5.138	ug/l #	87
54) cis-1,3-Dichloropropene	10.312	75	75230	5.007	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	52584	5.302	ug/l	91
56) Ethyl methacrylate	10.876	69	74903	4.745	ug/l	95
57) 1,3-Dichloropropane	11.165	76	89252	5.099	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	143955	22.221	ug/l	98
59) 2-Hexanone	11.200	43	285580	22.772	ug/l	97
60) Dibromochloromethane	11.359	129	51138	5.269	ug/l	99
61) 1,2-Dibromoethane	11.465	107	54245	5.641	ug/l	96
64) Tetrachloroethene	11.100	164	36314	5.210	ug/l	85
65) Chlorobenzene	11.894	112	131966	5.545	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	47875	5.429	ug/l	97
67) Ethyl Benzene	11.965	91	228735	5.467	ug/l	96
68) m/p-Xylenes	12.070	106	183319	11.577	ug/l	97
69) o-Xylene	12.400	106	93310	5.670	ug/l	98
70) Styrene	12.417	104	138680	5.416	ug/l	94
71) Bromoform	12.576	173	33415	5.351	ug/l #	98
73) Isopropylbenzene	12.700	105	230160	5.223	ug/l	98
74) N-amyl acetate	12.494	43	89285	4.101	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	86833	5.051	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	75262m	6.040	ug/l	
77) Bromobenzene	12.982	156	50702	5.166	ug/l	97
78) n-propylbenzene	13.035	91	259495	5.248	ug/l	98
79) 2-Chlorotoluene	13.123	91	164859	5.857	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	195619	5.677	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	21049	4.571	ug/l	94
82) 4-Chlorotoluene	13.123	91	164859	5.857	ug/l	99
83) tert-Butylbenzene	13.441	119	173837	5.422	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	192926	5.852	ug/l	98
85) sec-Butylbenzene	13.617	105	232686	5.341	ug/l	99
86) p-Isopropyltoluene	13.729	119	189129	5.738	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	98980	6.049	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	100171	6.097	ug/l	92
89) n-Butylbenzene	14.059	91	155583	5.702	ug/l	95
90) Hexachloroethane	14.335	117	39300	5.671	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	96308	5.837	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17717	6.401	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	41931	5.145	ug/l	90
94) Hexachlorobutadiene	15.506	225	21787	5.227	ug/l	97
95) Naphthalene	15.647	128	172761	5.679	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	43623	5.249	ug/l	90

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Oct 21 03:02:02 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

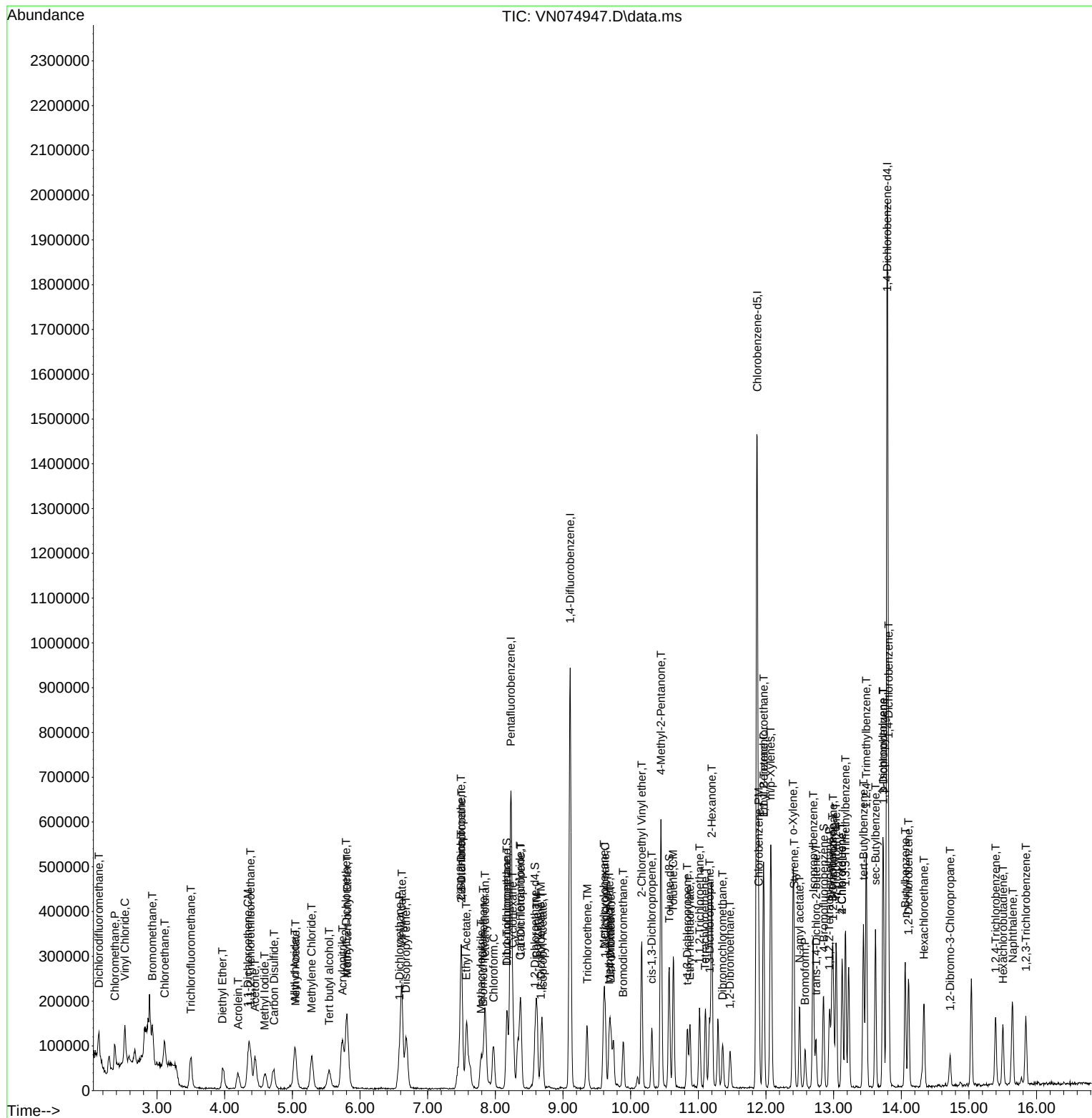
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Sample : VSTDIC005
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ALS Vial : 10 Sample Multiplier: 1

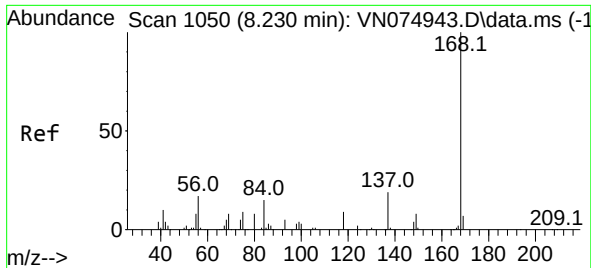
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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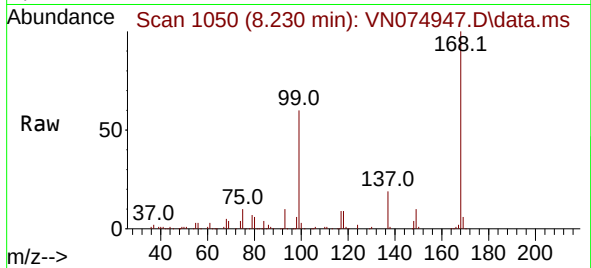
Quant Time: Oct 21 03:07:43 2022
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

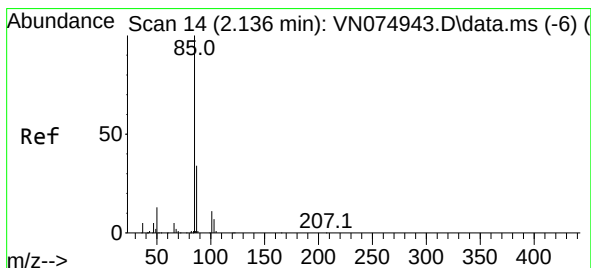
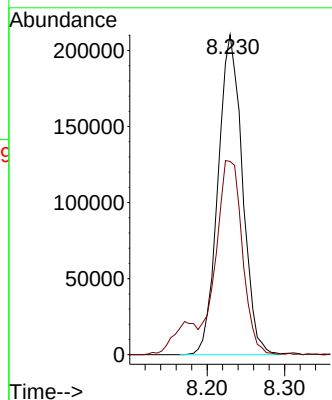
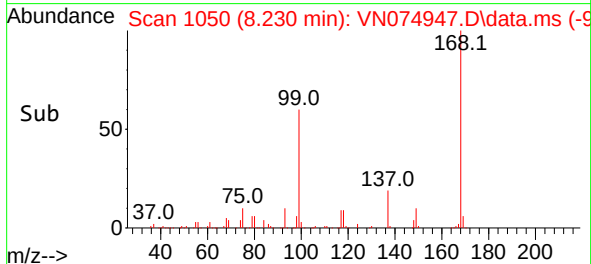
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 46035
Ion Ratio Lower Upper
168 100
99 60.2 52.2 78.4

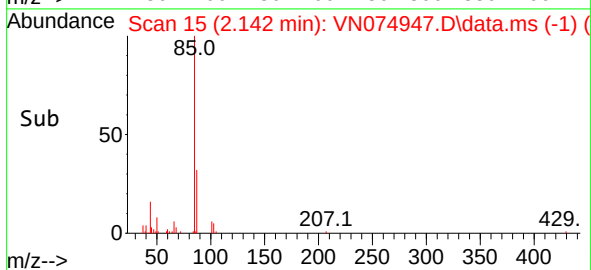
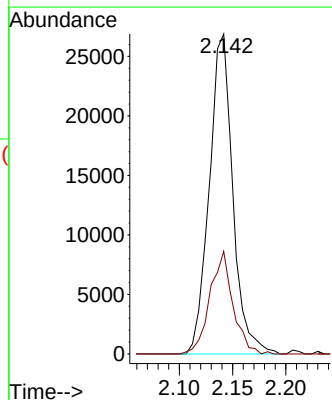
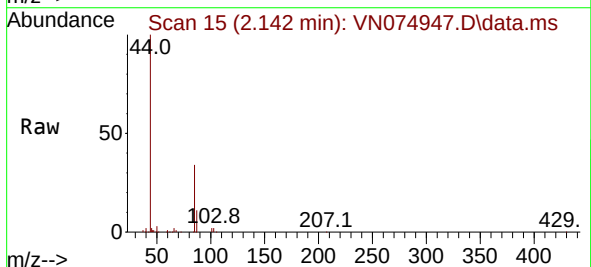
Manual Integrations
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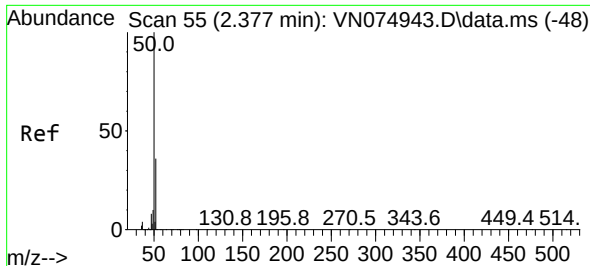
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#2
Dichlorodifluoromethane
Concen: 5.370 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

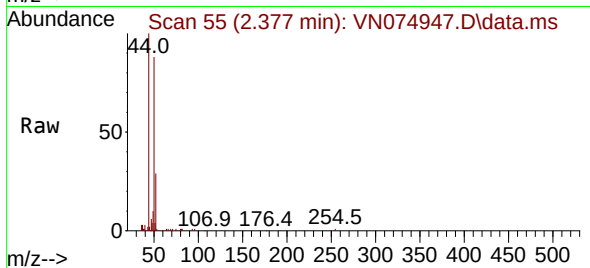
Tgt Ion: 85 Resp: 41336
Ion Ratio Lower Upper
85 100
87 32.1 17.1 51.2





#3
Chloromethane
Concen: 4.771 ug/l
RT: 2.377 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

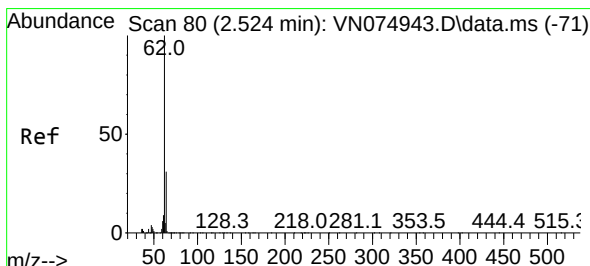
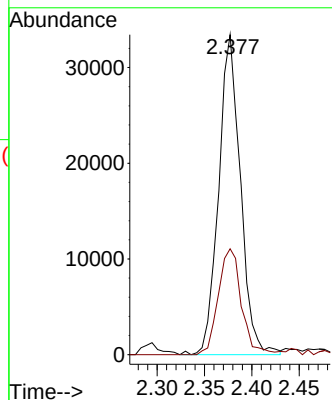
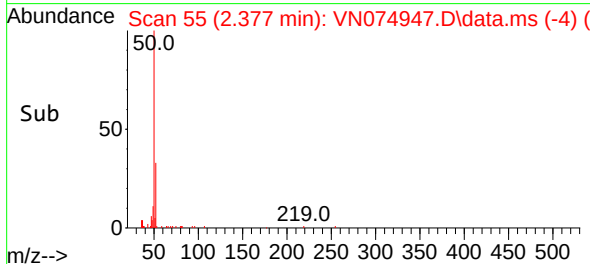
Instrument :
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VSTDICC005



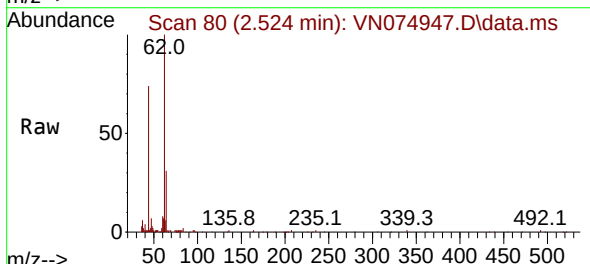
Tgt Ion: 50 Resp: 5354
Ion Ratio Lower Upper
50 100
52 33.1 28.8 43.2

Manual Integrations
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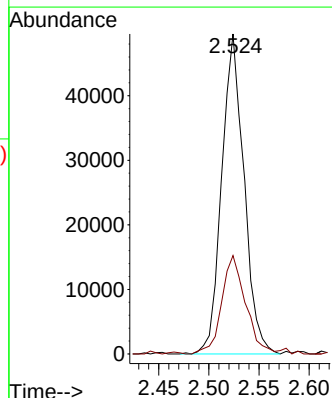
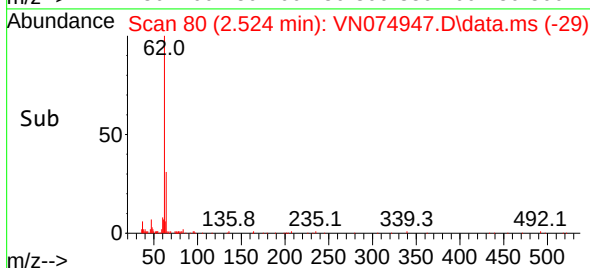
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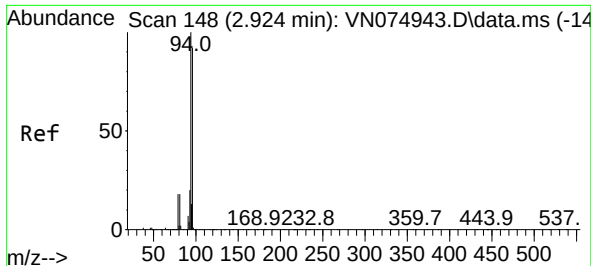


#4
Vinyl Chloride
Concen: 4.313 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16



Tgt Ion: 62 Resp: 76393
Ion Ratio Lower Upper
62 100
64 30.4 24.5 36.7





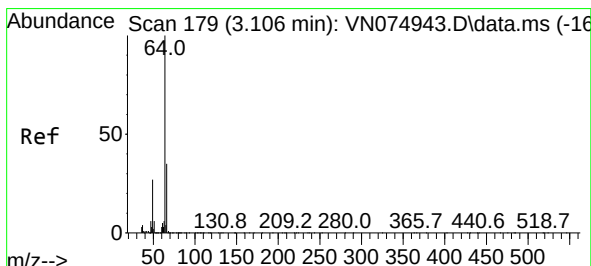
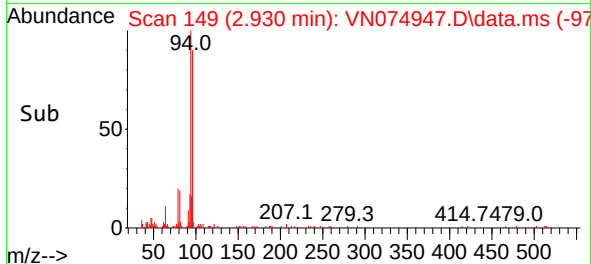
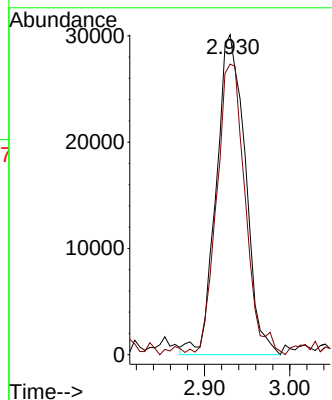
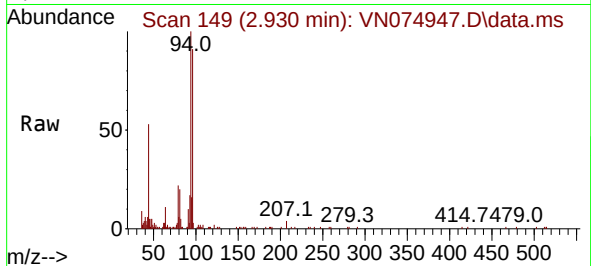
#5
Bromomethane
Concen: 4.139 ug/l
RT: 2.930 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 71169
Ion Ratio Lower Upper
94 100
96 89.7 73.5 110.3

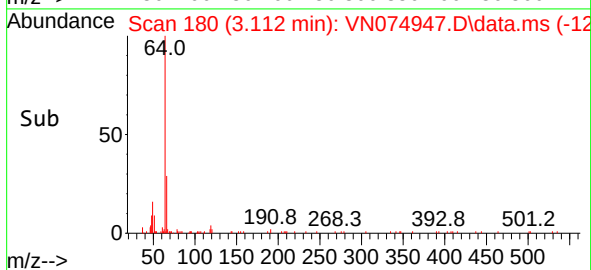
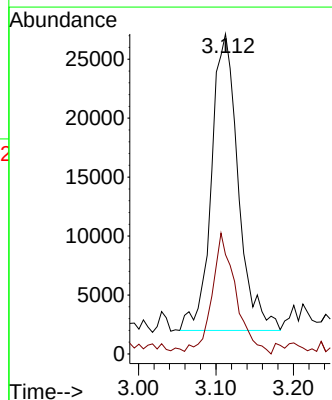
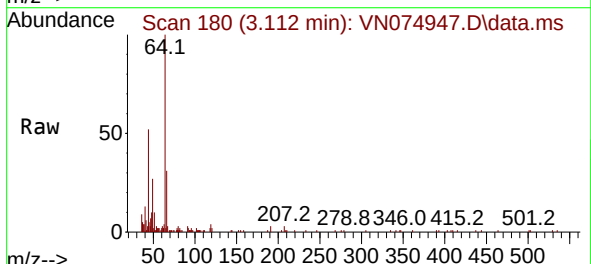
Manual Integrations
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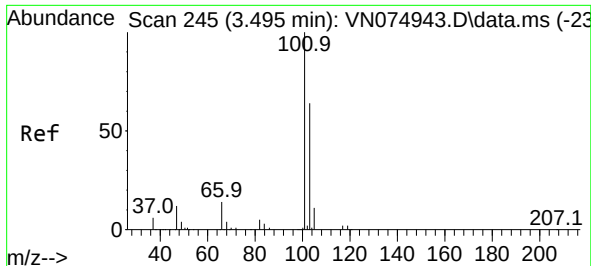
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#6
Chloroethane
Concen: 3.755 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

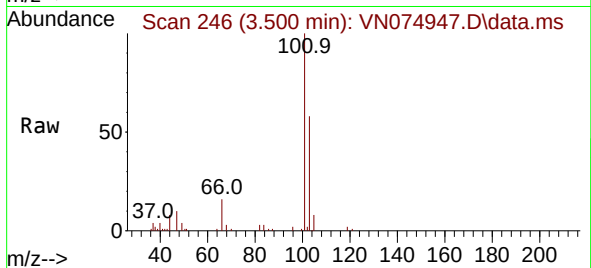
Tgt Ion: 64 Resp: 60562
Ion Ratio Lower Upper
64 100
66 31.9 27.9 41.9





#7
 Trichlorofluoromethane
 Concen: 6.188 ug/l
 RT: 3.500 min Scan# 245
 Delta R.T. 0.006 min
 Lab File: VN074947.D
 Acq: 20 Oct 2022 17:16

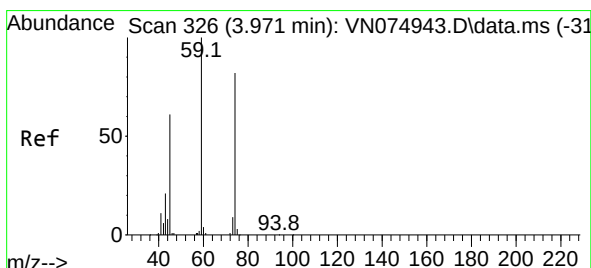
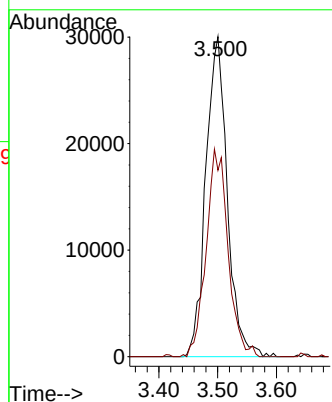
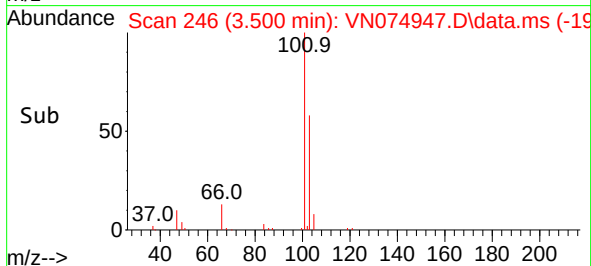
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 7618
 Ion Ratio Lower Upper
 101 100
 103 58.2 51.5 77.3

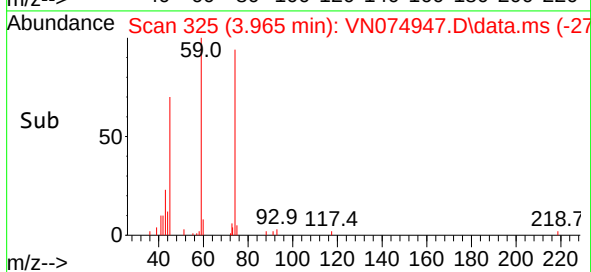
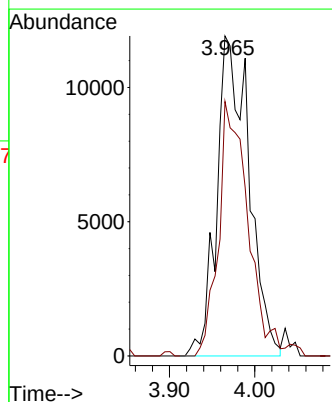
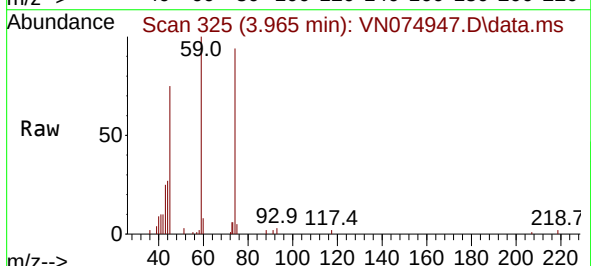
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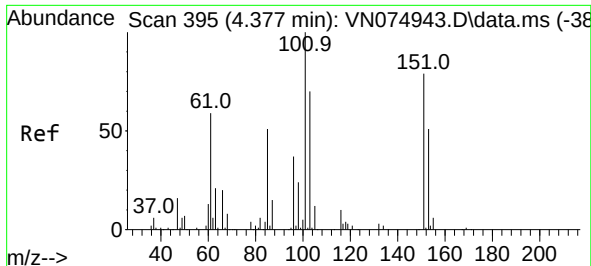
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#8
 Diethyl Ether
 Concen: 5.708 ug/l
 RT: 3.965 min Scan# 325
 Delta R.T. -0.006 min
 Lab File: VN074947.D
 Acq: 20 Oct 2022 17:16

Tgt Ion: 74 Resp: 31163
 Ion Ratio Lower Upper
 74 100
 45 72.5 40.1 120.3





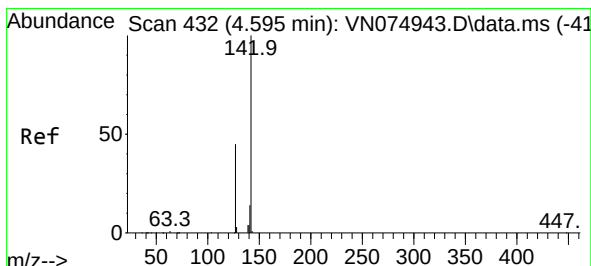
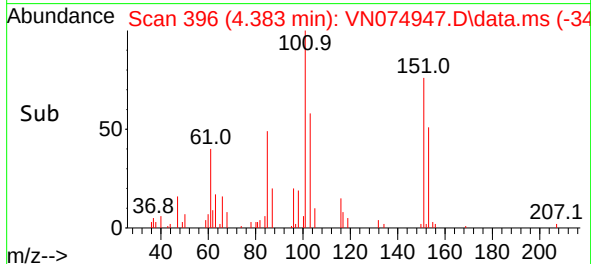
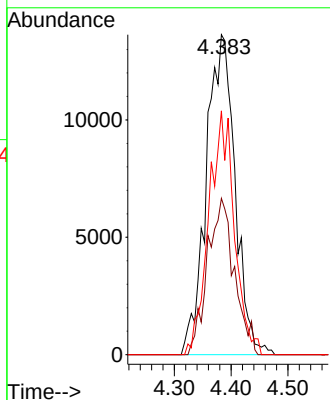
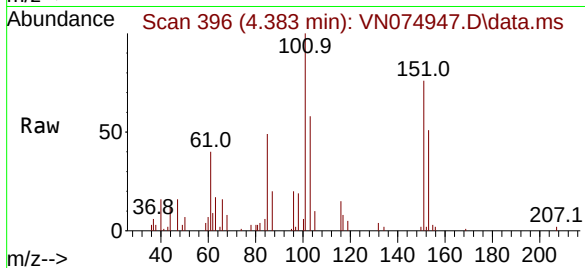
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.407 ug/l
RT: 4.383 min Scan# 395
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 47994
Ion Ratio Lower Upper
101 100
85 45.6 37.8 56.8
151 67.5 58.5 87.7

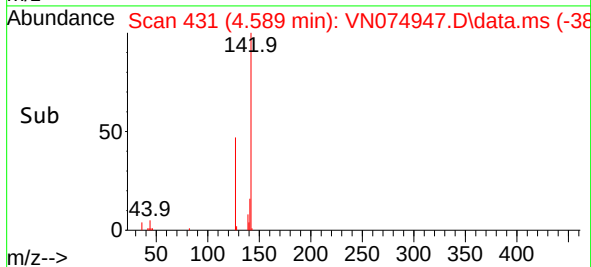
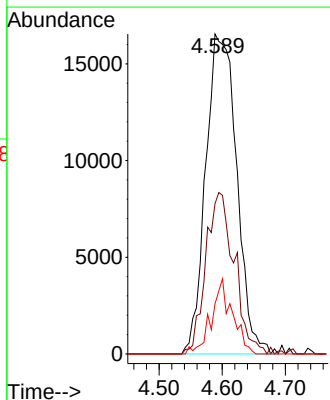
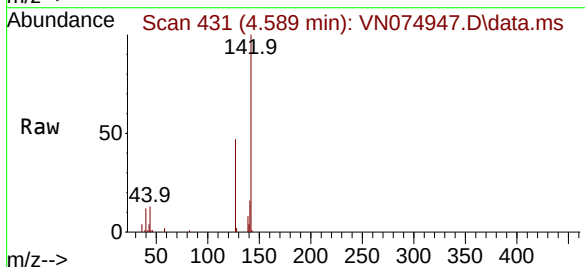
Manual Integrations
APPROVED

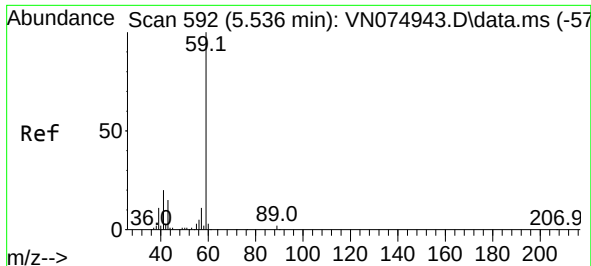
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#10
Methyl Iodide
Concen: 5.426 ug/l
RT: 4.589 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Tgt Ion:142 Resp: 56444
Ion Ratio Lower Upper
142 100
127 46.3 37.0 55.4
141 15.9 11.4 17.0





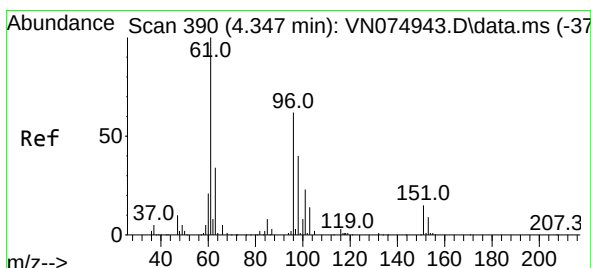
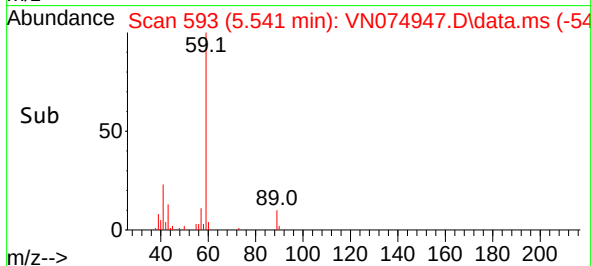
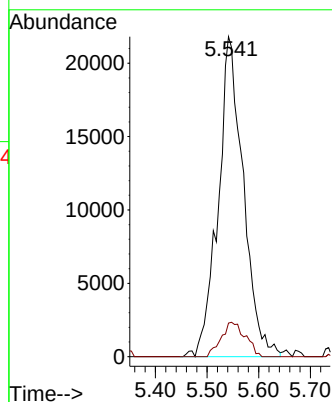
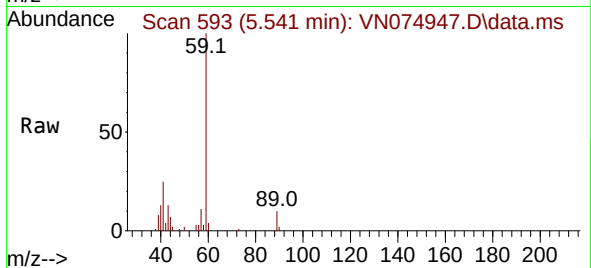
#11
Tert butyl alcohol
Concen: 28.546 ug/l
RT: 5.541 min Scan# 59
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 7372
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

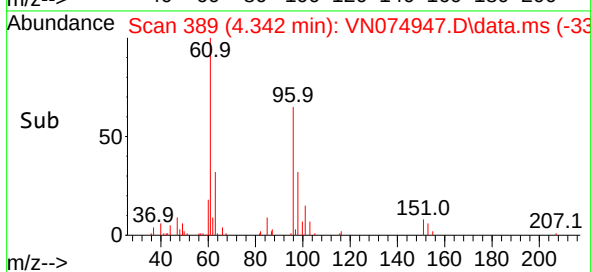
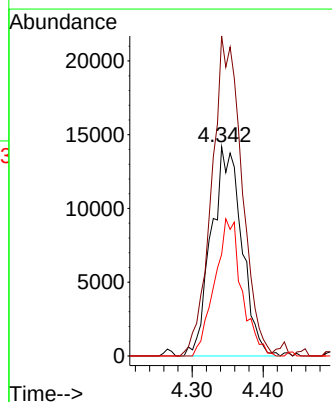
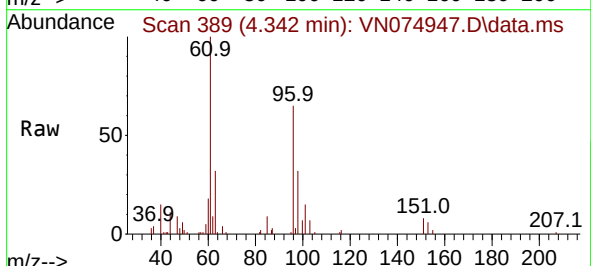
Manual Integrations
APPROVED

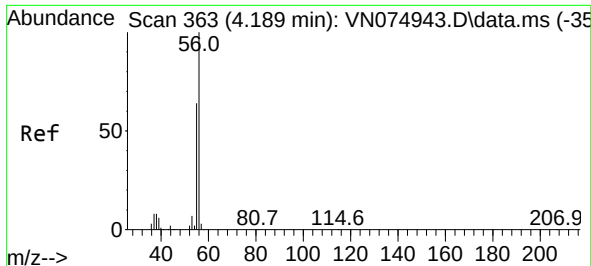
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#12
1,1-Dichloroethene
Concen: 5.813 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Tgt Ion: 96 Resp: 42255
Ion Ratio Lower Upper
96 100
61 153.0 128.9 193.3
98 48.6 51.8 77.8#





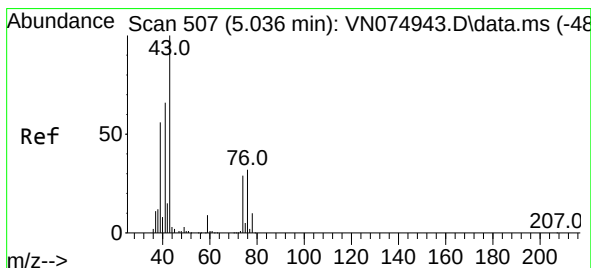
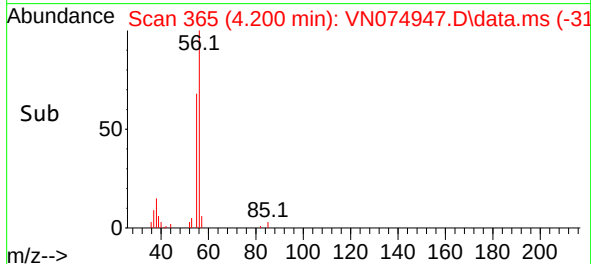
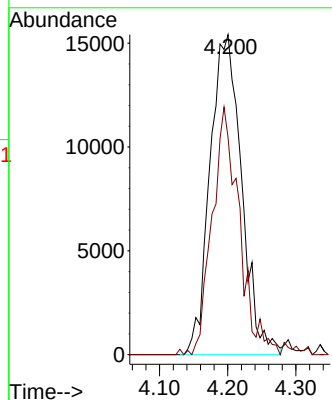
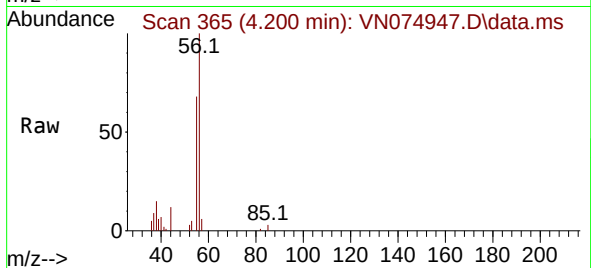
#13
Acrolein
Concen: 29.239 ug/l
RT: 4.200 min Scan# 363
Delta R.T. 0.012 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 49560
Ion Ratio Lower Upper
56 100
55 63.8 53.7 80.5

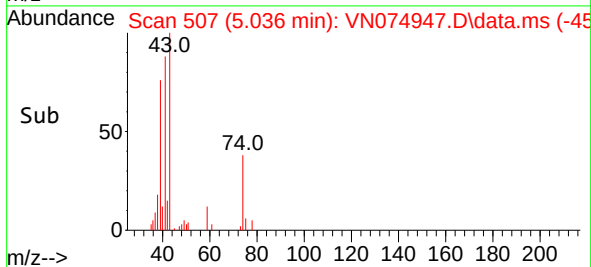
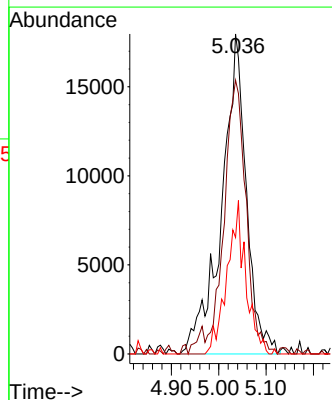
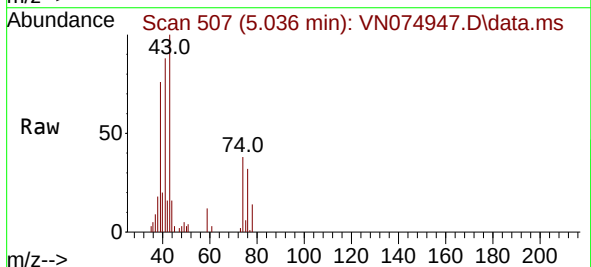
Manual Integrations
APPROVED

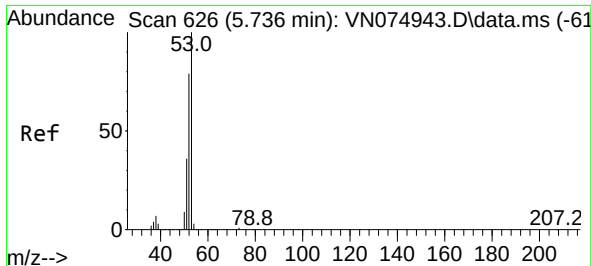
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#14
Allyl chloride
Concen: 4.895 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

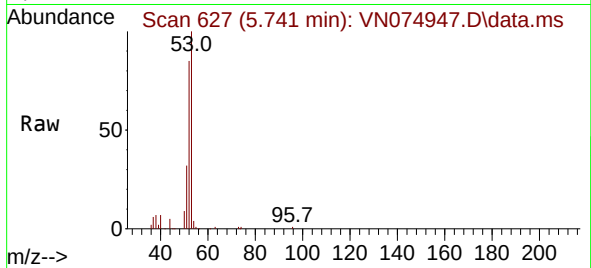
Tgt Ion: 41 Resp: 65080
Ion Ratio Lower Upper
41 100
39 75.0 60.0 90.0
76 36.1 33.7 50.5





#15
Acrylonitrile
Concen: 24.367 ug/l
RT: 5.741 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

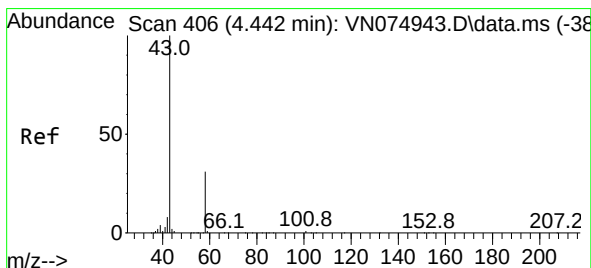
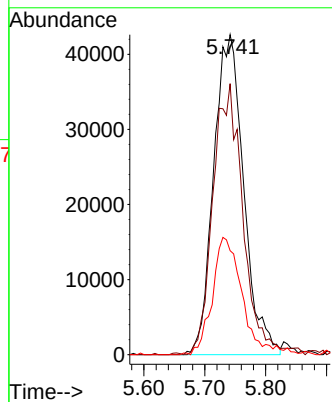
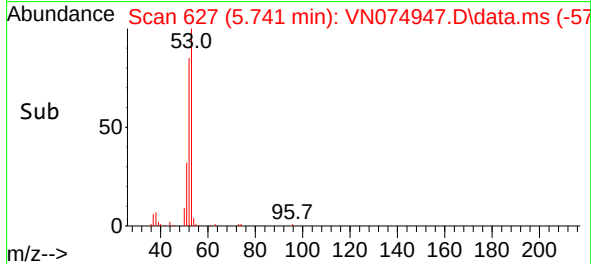
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 145999
Ion Ratio Lower Upper
53 100
52 83.6 66.7 100.1
51 36.5 28.8 43.2

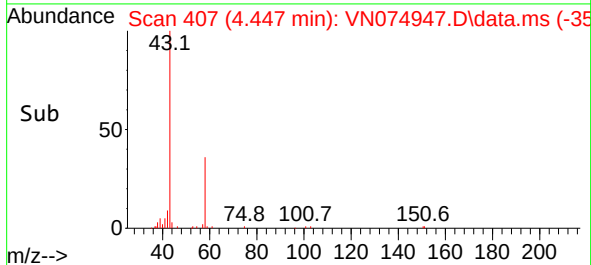
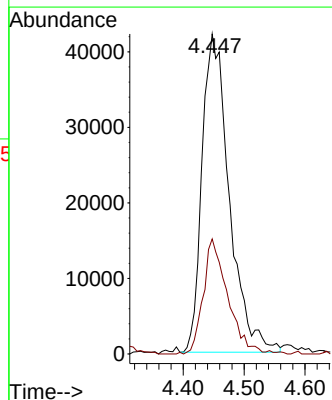
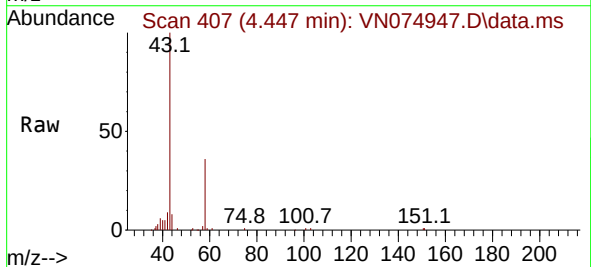
Manual Integrations
APPROVED

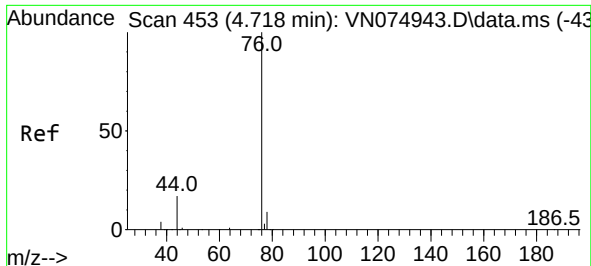
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#16
Acetone
Concen: 25.468 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Tgt Ion: 43 Resp: 130776
Ion Ratio Lower Upper
43 100
58 35.6 25.7 38.5





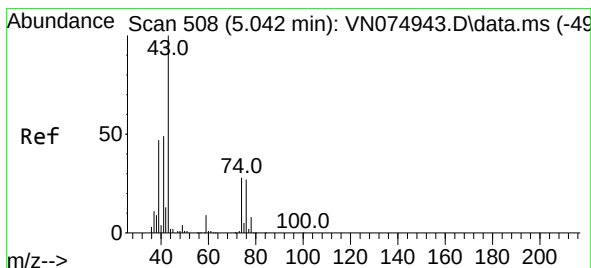
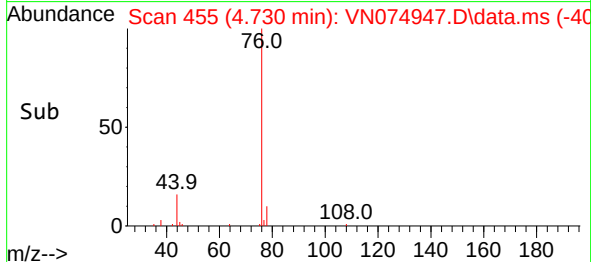
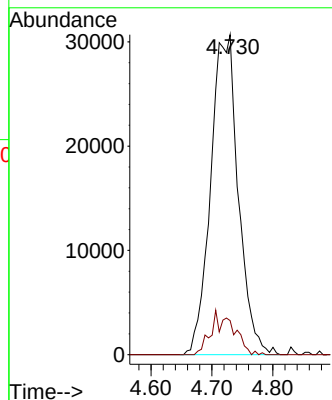
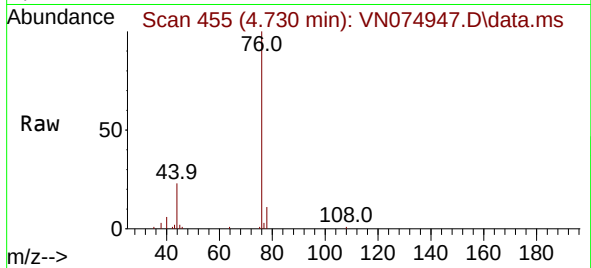
#17
Carbon Disulfide
Concen: 6.074 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 96754
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.2

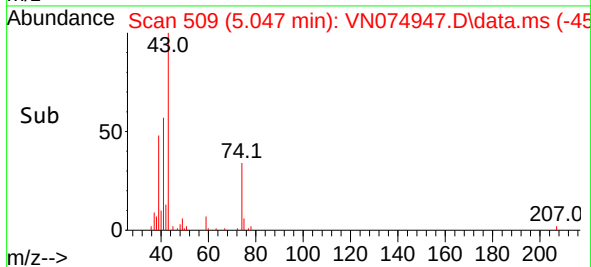
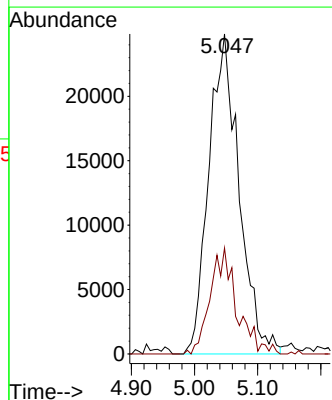
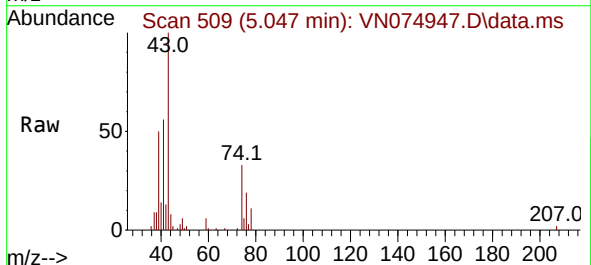
Manual Integrations
APPROVED

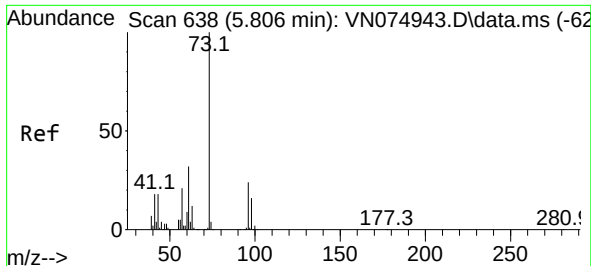
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#18
Methyl Acetate
Concen: 4.540 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

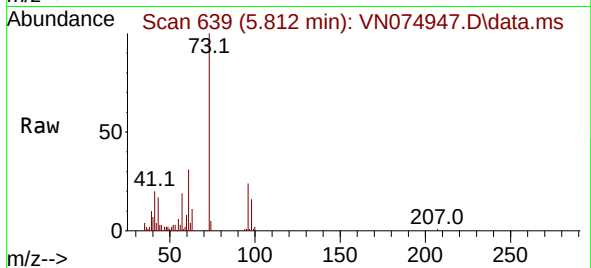
Tgt Ion: 43 Resp: 82635
Ion Ratio Lower Upper
43 100
74 13.1 23.1 34.7#





#19
Methyl tert-butyl Ether
Concen: 5.791 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

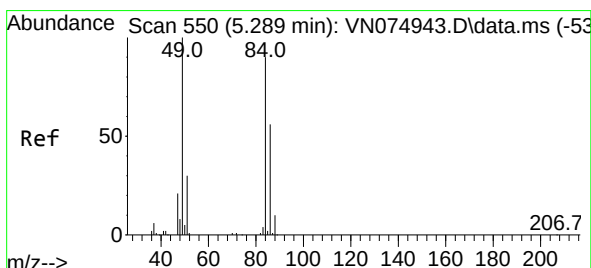
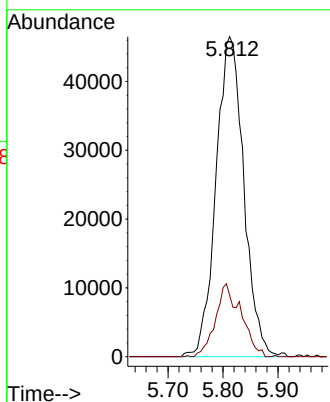
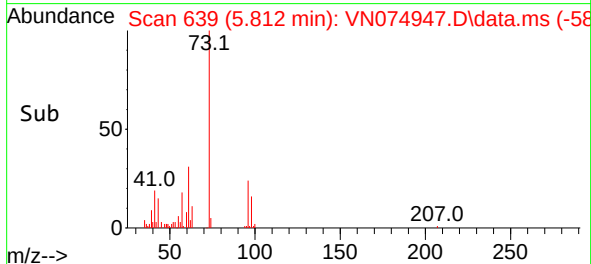
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 163049
Ion Ratio Lower Upper
73 100
57 19.1 16.9 25.3

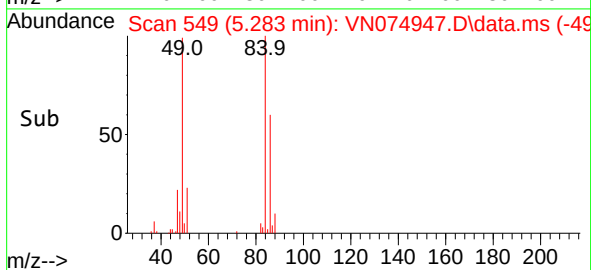
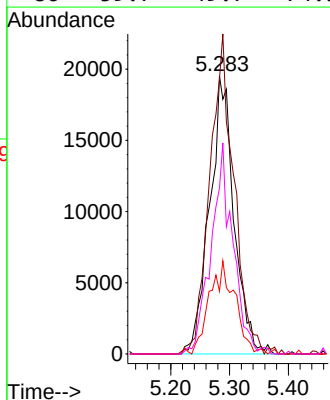
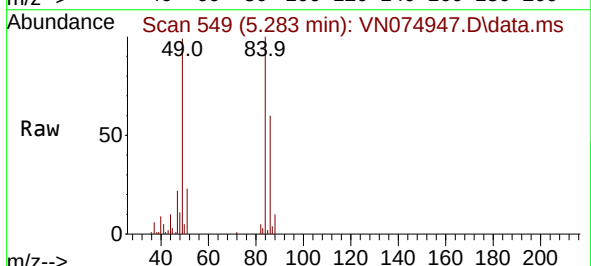
Manual Integrations
APPROVED

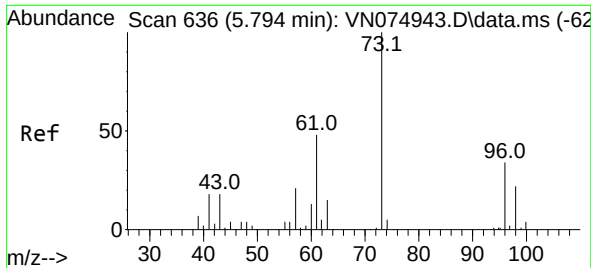
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#20
Methylene Chloride
Concen: 5.453 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

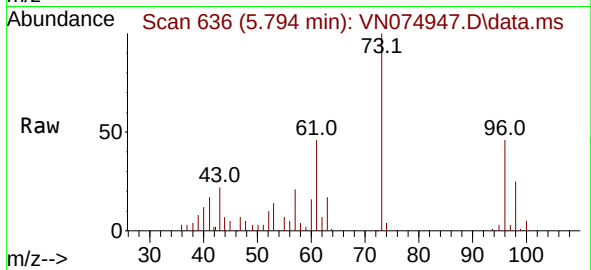
Tgt Ion: 84 Resp: 56612
Ion Ratio Lower Upper
84 100
49 98.9 88.6 133.0
51 22.6 26.7 40.1#
86 59.7 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 5.998 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

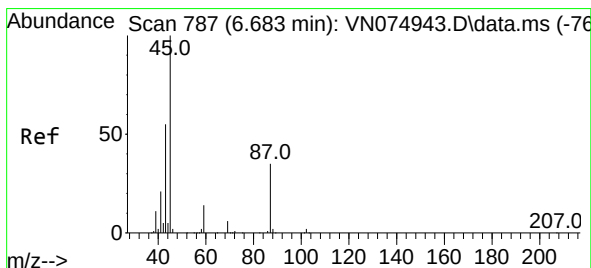
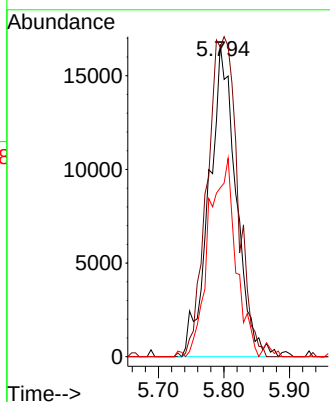
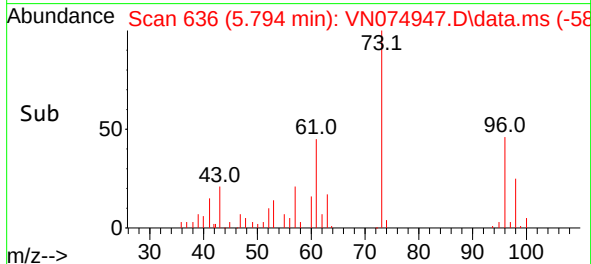
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



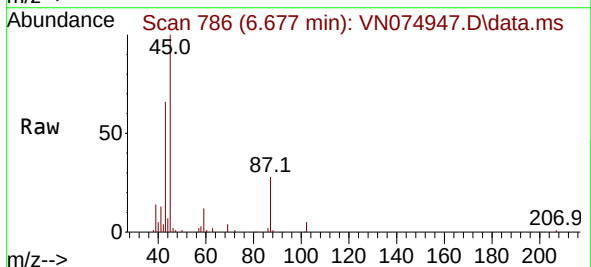
Tgt Ion: 96 Resp: 47664
Ion Ratio Lower Upper
96 100
61 99.2 112.6 169.0
98 52.3 52.4 78.6

Manual Integrations
APPROVED

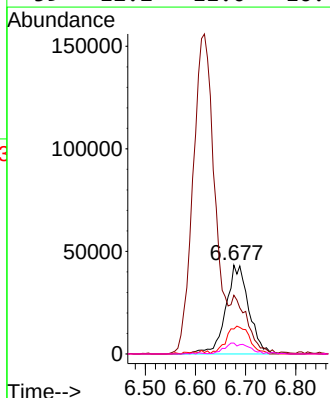
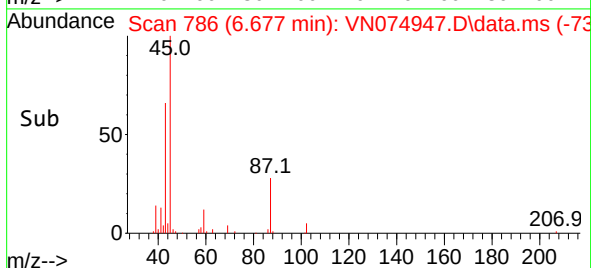
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

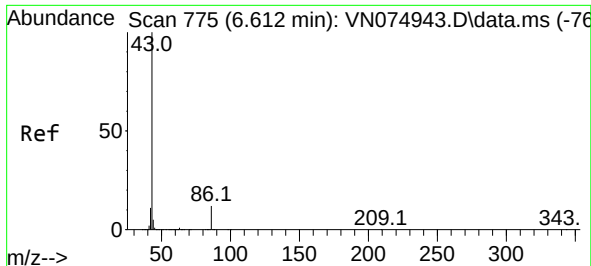


#22
Diisopropyl ether
Concen: 4.847 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16



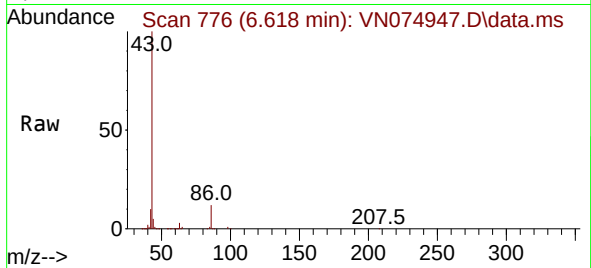
Tgt Ion: 45 Resp: 137636
Ion Ratio Lower Upper
45 100
43 64.9 44.9 67.3
87 28.1 28.0 42.0
59 12.2 11.0 16.4





#23
 Vinyl Acetate
 Concen: 23.363 ug/l m
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN074947.D
 Acq: 20 Oct 2022 17:16

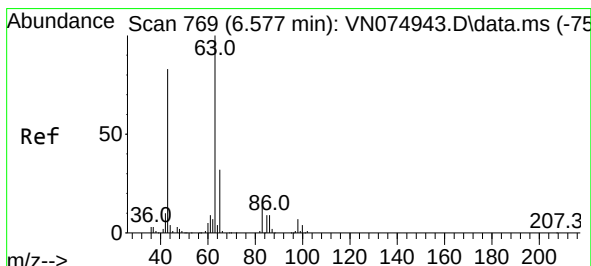
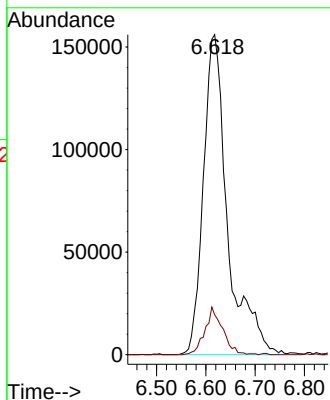
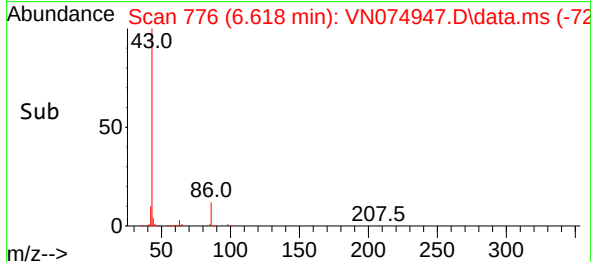
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 43 Resp: 532889
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.4 14.0

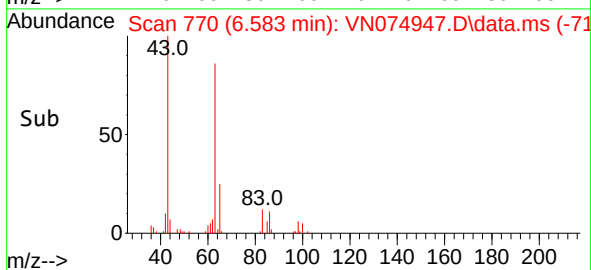
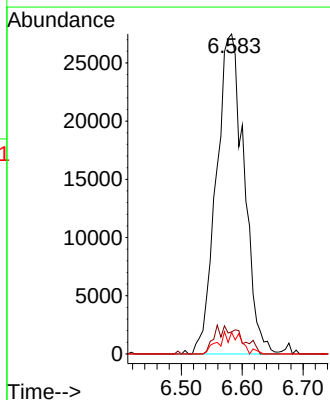
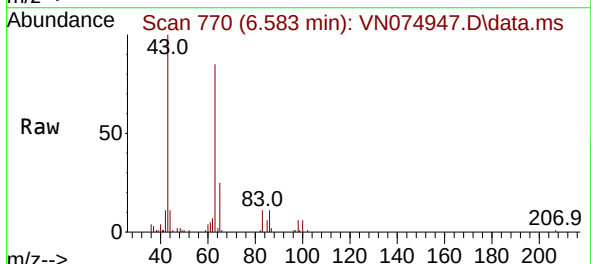
Manual Integrations
 APPROVED

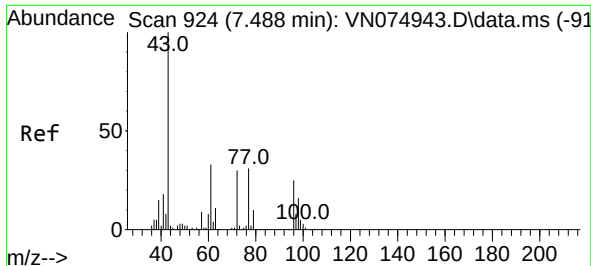
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#24
 1,1-Dichloroethane
 Concen: 5.229 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN074947.D
 Acq: 20 Oct 2022 17:16

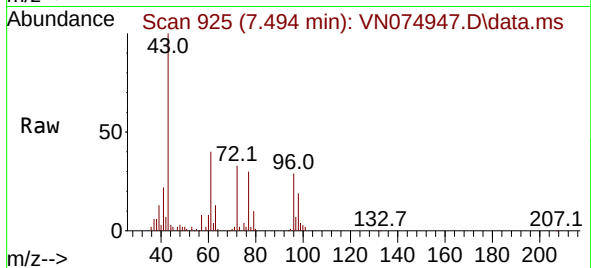
Tgt Ion: 63 Resp: 86860
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.7 11.1
 100 6.8 2.0 6.0#





#25
2-Butanone
Concen: 24.287 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

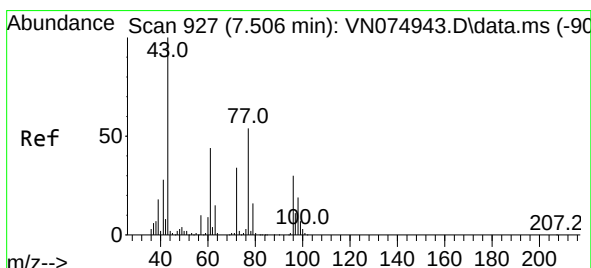
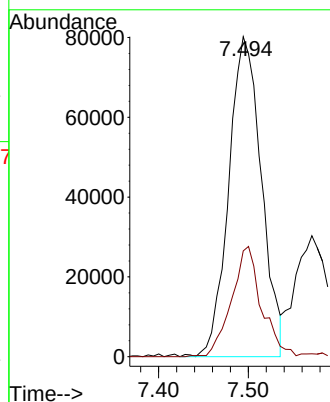
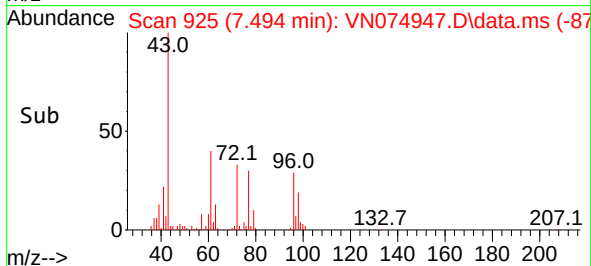
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 202870
Ion Ratio Lower Upper
43 100
72 33.0 23.9 35.9

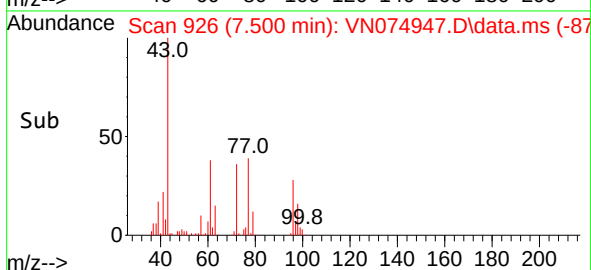
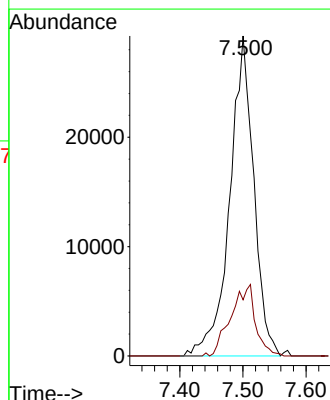
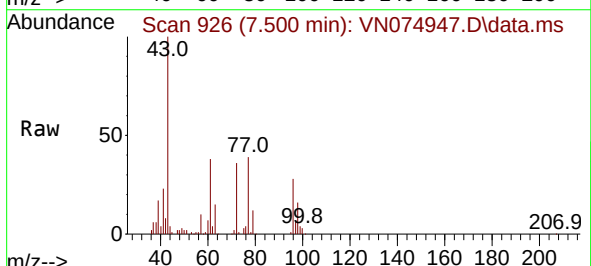
Manual Integrations
APPROVED

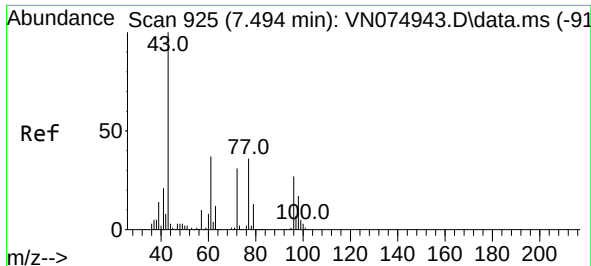
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#26
2,2-Dichloropropane
Concen: 5.861 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Tgt Ion: 77 Resp: 77337
Ion Ratio Lower Upper
77 100
97 22.9 11.3 33.8





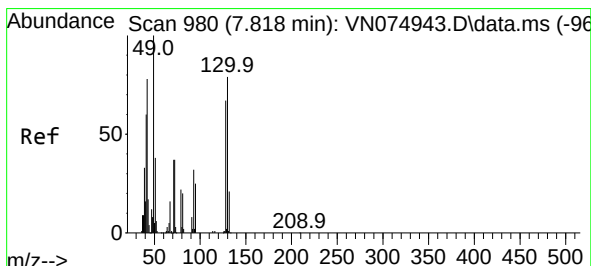
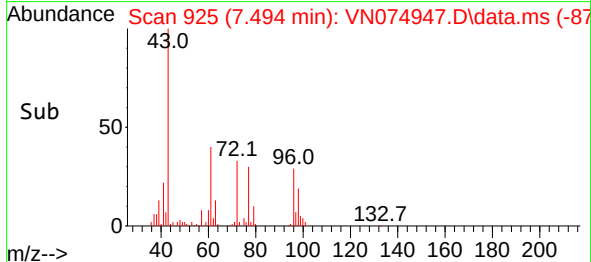
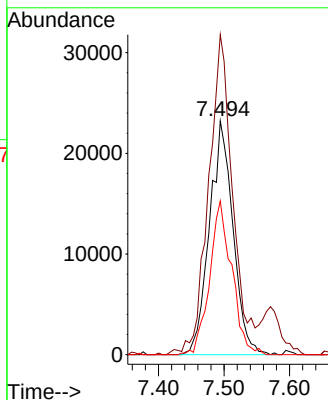
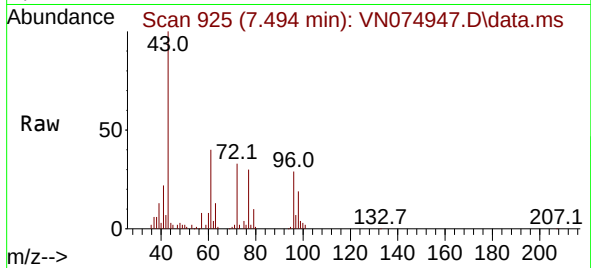
#27
 cis-1,2-Dichloroethene
 Concen: 5.738 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN074947.D
 Acq: 20 Oct 2022 17:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 5796
 Ion Ratio Lower Upper
 96 100
 61 139.4 0.0 277.8
 98 61.7 0.0 127.2

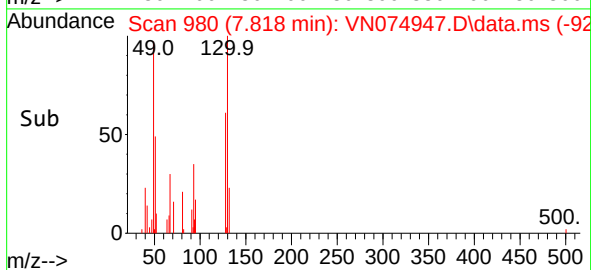
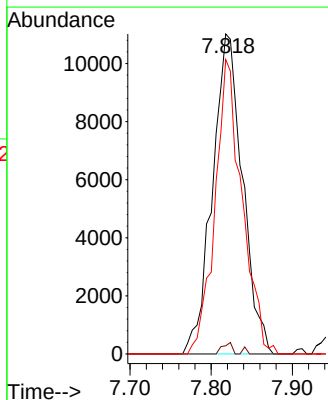
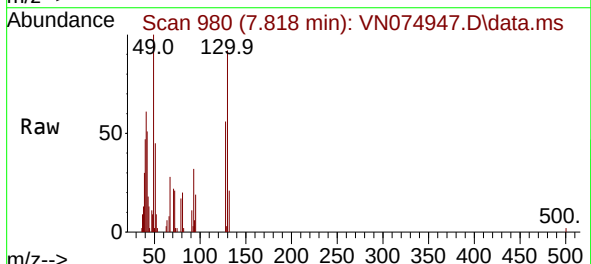
Manual Integrations
 APPROVED

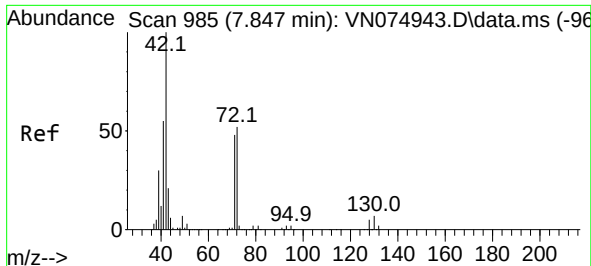
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#28
 Bromochloromethane
 Concen: 3.807 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN074947.D
 Acq: 20 Oct 2022 17:16

Tgt Ion: 49 Resp: 28379
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.2
 130 82.8 64.4 96.6





#29

Tetrahydrofuran

Concen: 22.227 ug/l

RT: 7.847 min Scan# 985

Delta R.T. -0.000 min

Lab File: VN074947.D

Acq: 20 Oct 2022 17:16

Instrument :

MSVOA_N

ClientSampleId :

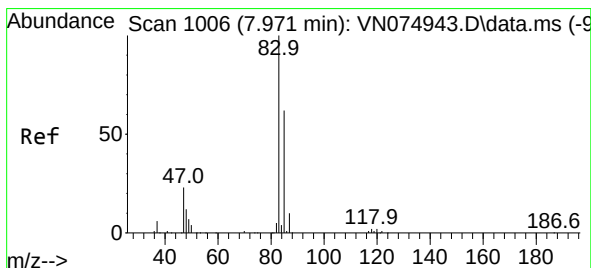
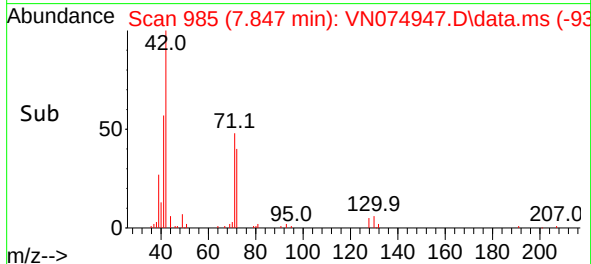
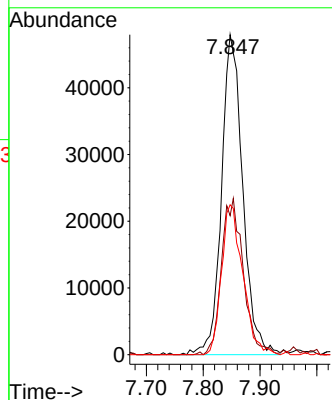
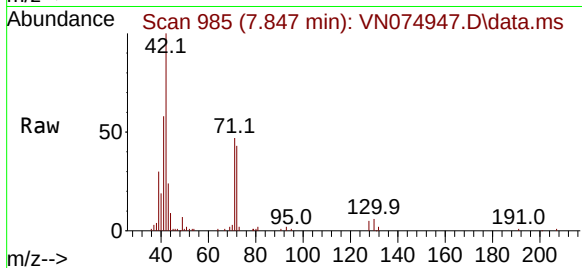
VSTDIC005

Tgt Ion: 42 Resp: 124750
 Ion Ratio Lower Upper
 42 100
 72 50.2 42.2 63.4
 71 47.0 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#30

Chloroform

Concen: 5.414 ug/l

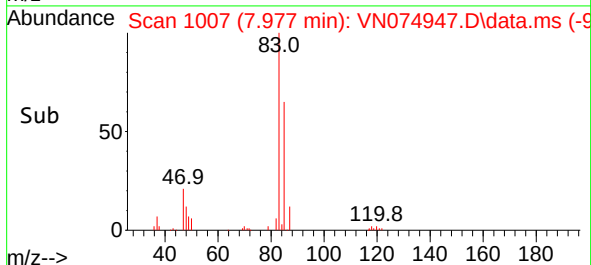
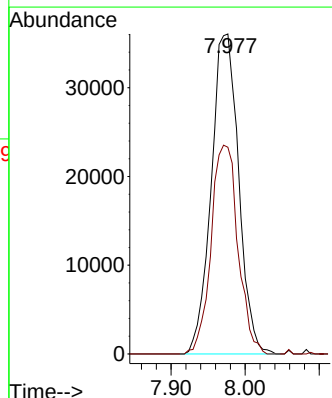
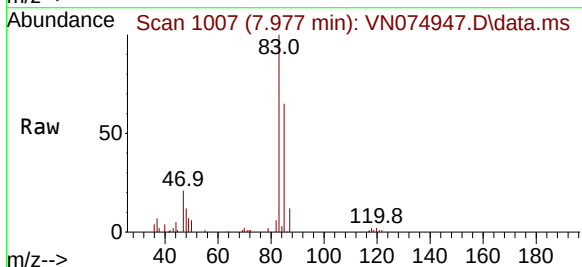
RT: 7.977 min Scan# 1007

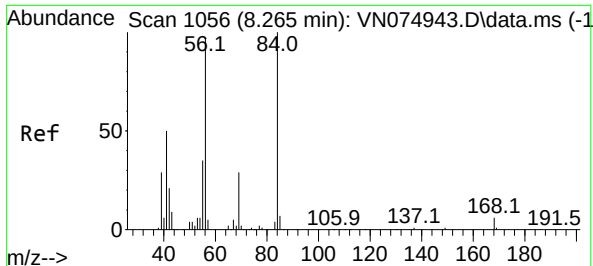
Delta R.T. 0.006 min

Lab File: VN074947.D

Acq: 20 Oct 2022 17:16

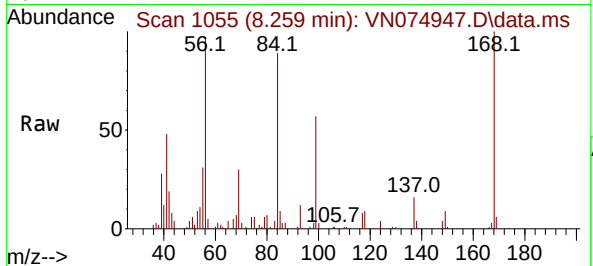
Tgt Ion: 83 Resp: 92696
 Ion Ratio Lower Upper
 83 100
 85 64.6 49.9 74.9





#31
Cyclohexane
Concen: 5.630 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

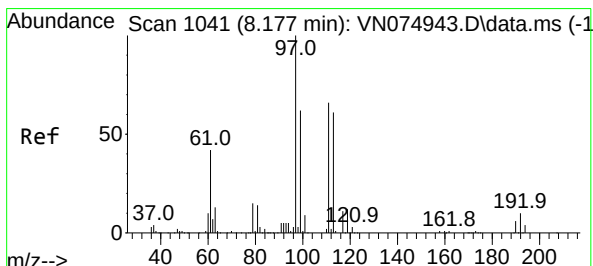
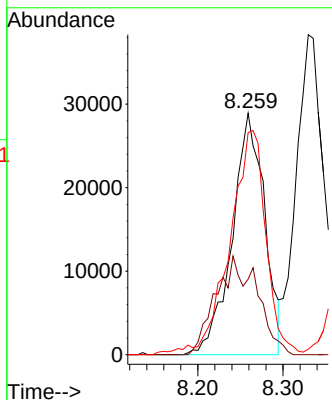
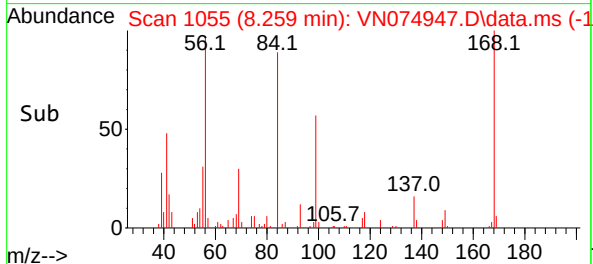
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



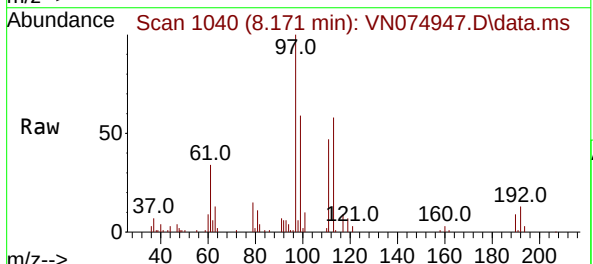
Tgt Ion: 56 Resp: 76558
Ion Ratio Lower Upper
56 100
69 31.3 24.2 36.2
84 89.5 82.8 124.2

Manual Integrations
APPROVED

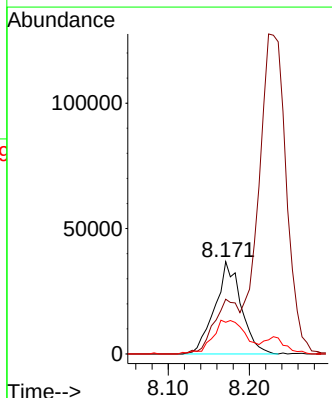
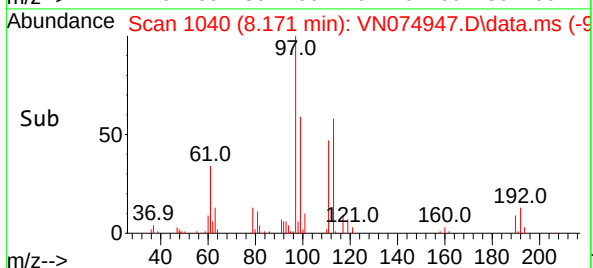
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

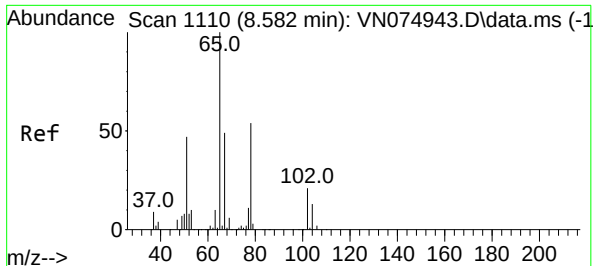


#32
1,1,1-Trichloroethane
Concen: 5.690 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16



Tgt Ion: 97 Resp: 82547
Ion Ratio Lower Upper
97 100
99 56.6 53.0 79.4
61 46.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 6.163 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN074947.D

Acq: 20 Oct 2022 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 6816

Ion Ratio Lower Upper

65 100

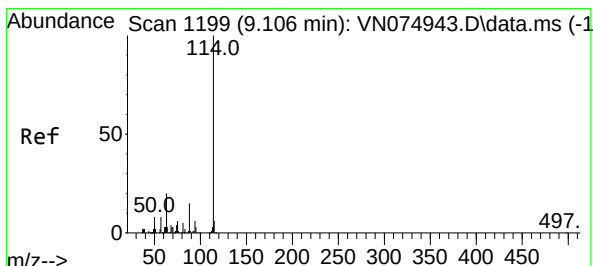
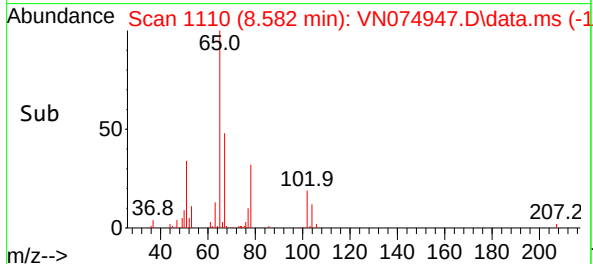
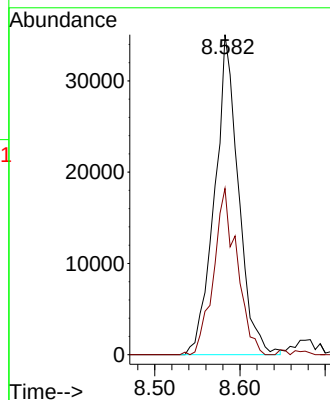
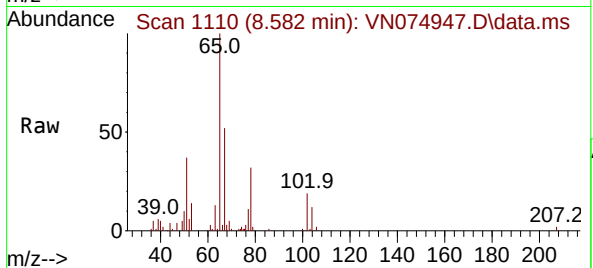
67 51.1 0.0 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074947.D

Acq: 20 Oct 2022 17:16

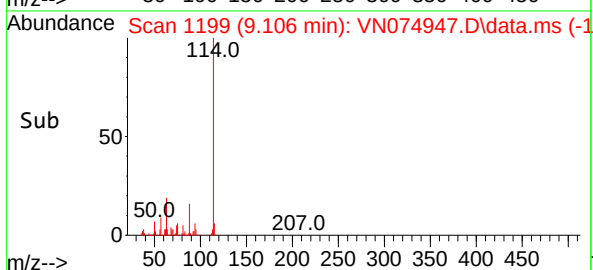
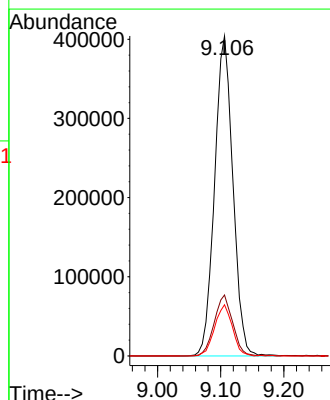
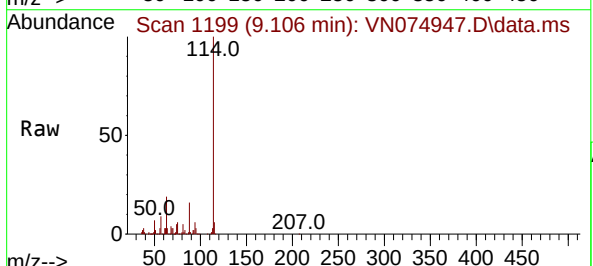
Tgt Ion:114 Resp: 813903

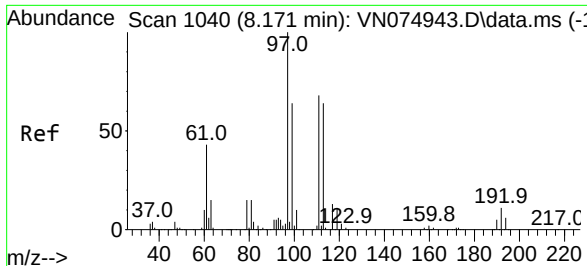
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.8

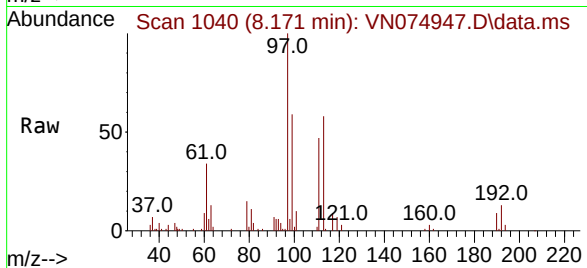
88 16.0 0.0 30.4





#35
Dibromofluoromethane
Concen: 5.569 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

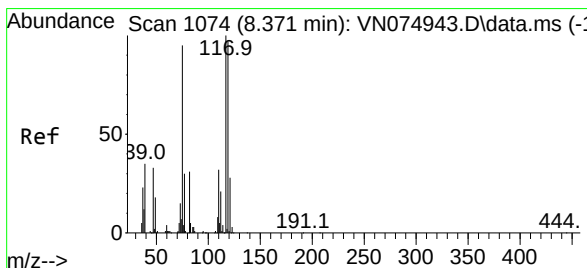
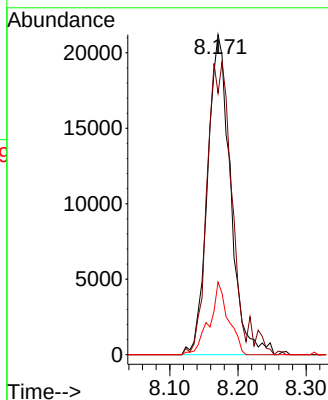
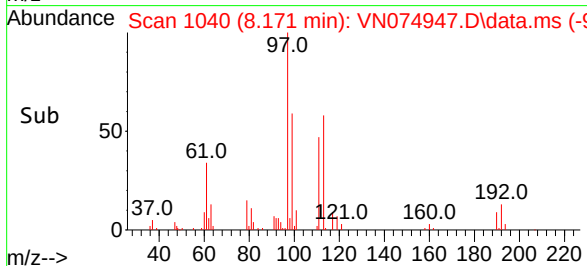
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



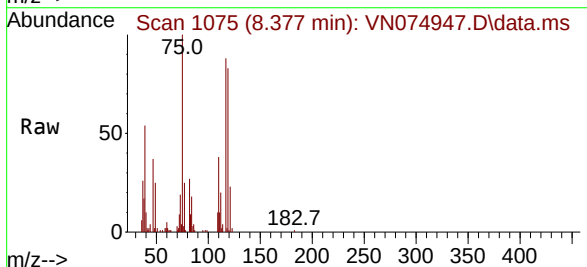
Tgt Ion: 113 Resp: 49534
Ion Ratio Lower Upper
113 100
111 95.9 83.4 125.2
192 18.7 13.3 19.9

Manual Integrations
APPROVED

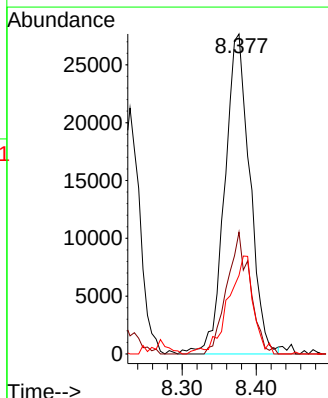
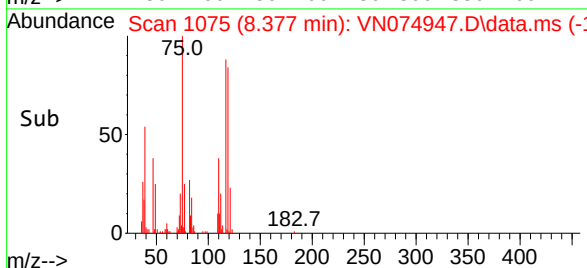
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

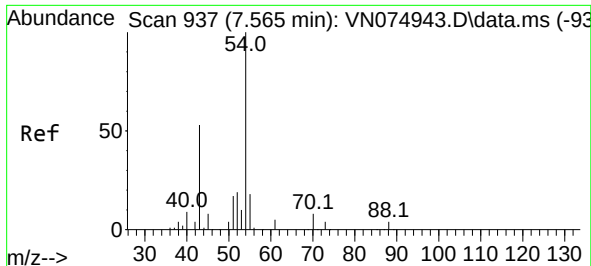


#36
1,1-Dichloropropene
Concen: 5.347 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16



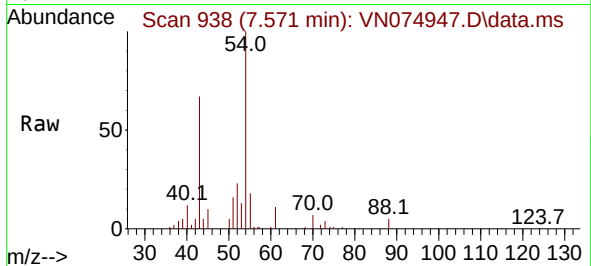
Tgt Ion: 75 Resp: 64925
Ion Ratio Lower Upper
75 100
110 35.6 18.1 54.4
77 30.6 25.0 37.4





#37
Ethyl Acetate
Concen: 5.050 ug/l m
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

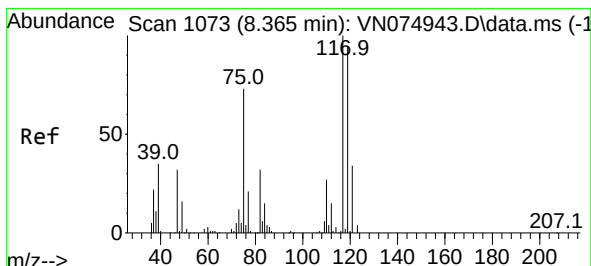
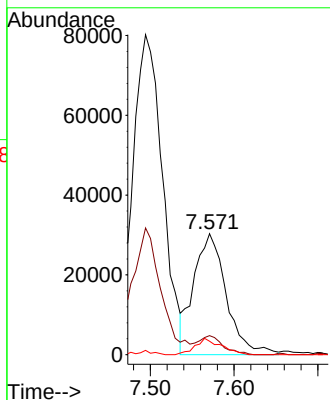
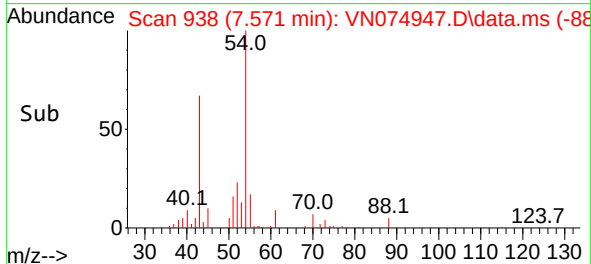
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 82298
Ion Ratio Lower Upper
43 100
61 10.9 12.1 18.1
70 10.6 9.2 13.8

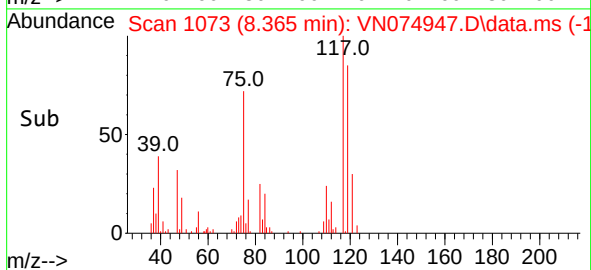
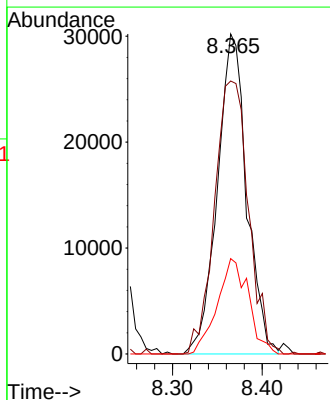
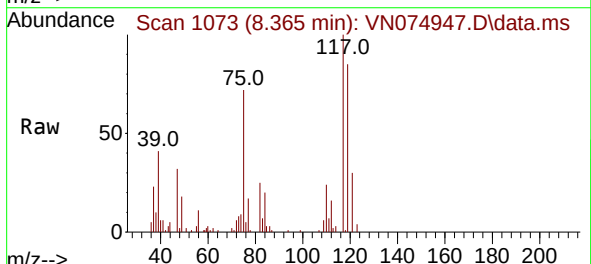
Manual Integrations
APPROVED

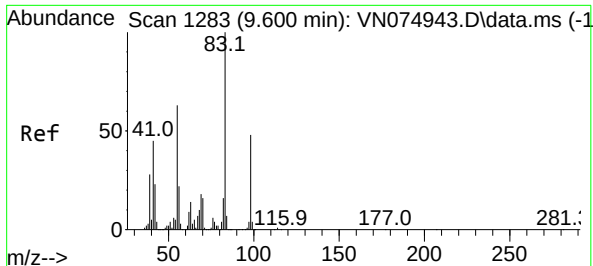
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#38
Carbon Tetrachloride
Concen: 5.674 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Tgt Ion:117 Resp: 68533
Ion Ratio Lower Upper
117 100
119 85.3 75.2 112.8
121 29.8 27.0 40.6





#39

Methylcyclohexane

Concen: 5.352 ug/l

RT: 9.606 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN074947.D

Acq: 20 Oct 2022 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

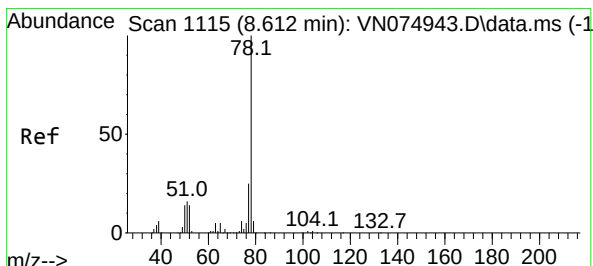
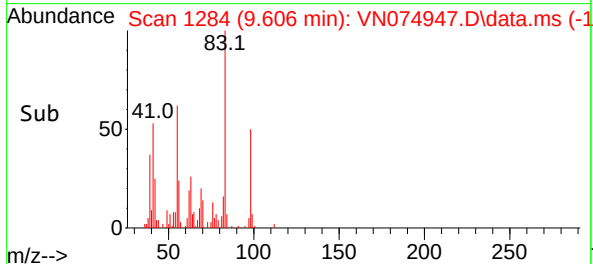
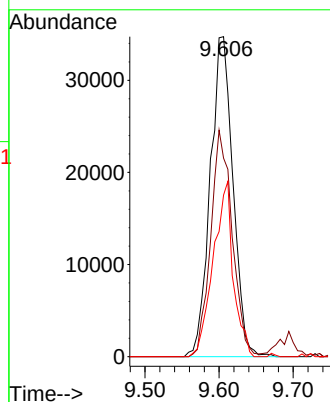
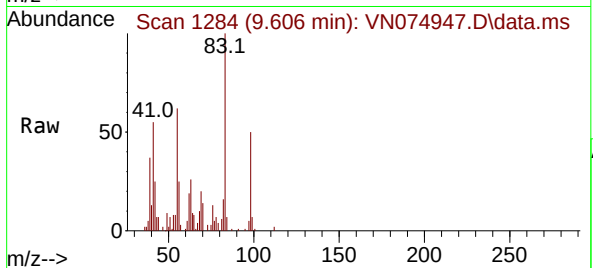
Tgt Ion:	83	Resp:	73930
Ion	Ratio	Lower	Upper
83	100		
55	62.1	50.8	76.2
98	50.5	38.8	58.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#40

Benzene

Concen: 5.099 ug/l

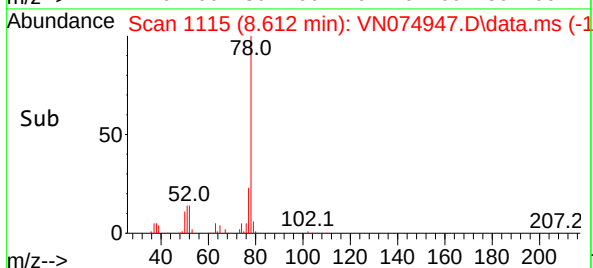
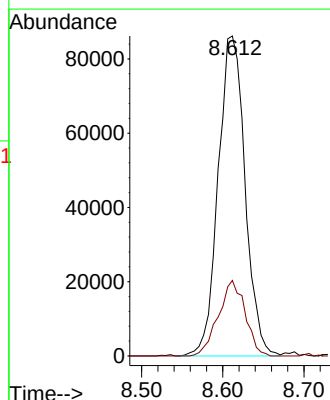
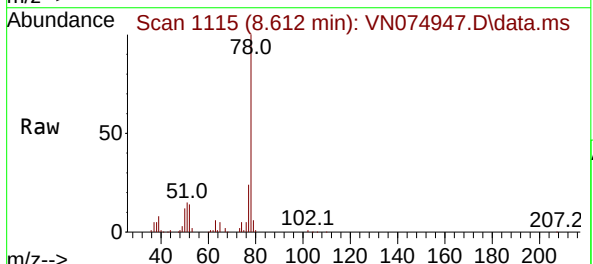
RT: 8.612 min Scan# 1115

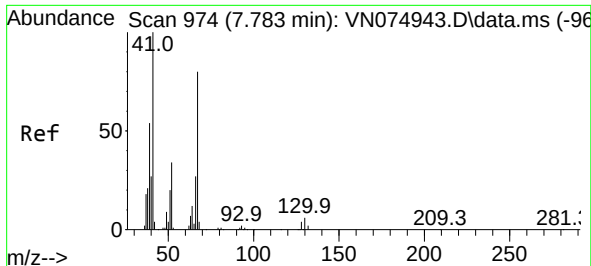
Delta R.T. -0.000 min

Lab File: VN074947.D

Acq: 20 Oct 2022 17:16

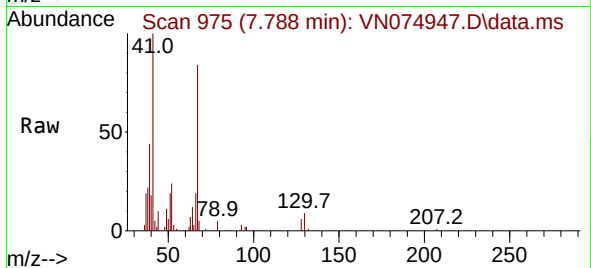
Tgt Ion:	78	Resp:	198456
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.6	29.4





#41
Methacrylonitrile
Concen: 4.690 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

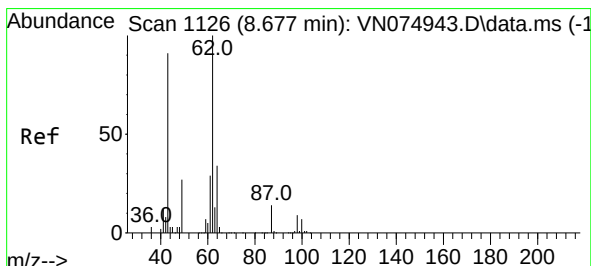
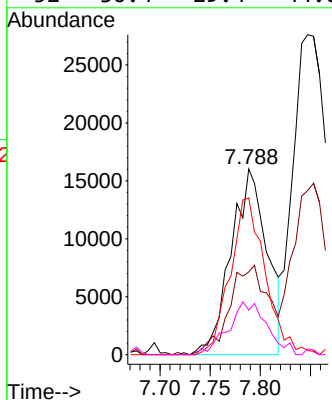
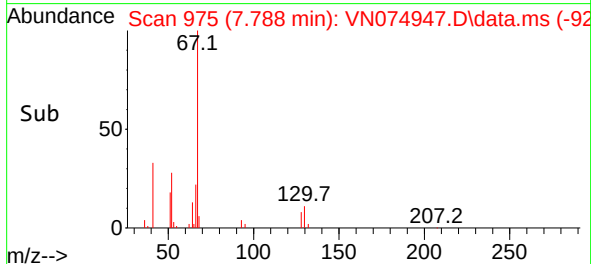
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 4017
Ion Ratio Lower Upper
41 100
39 52.0 47.9 71.9
67 82.1 70.8 106.2
52 30.4 29.4 44.0

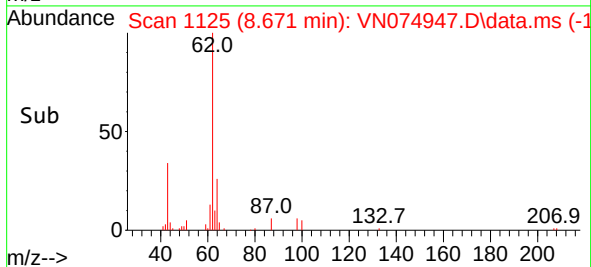
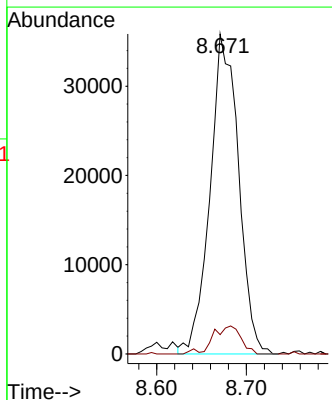
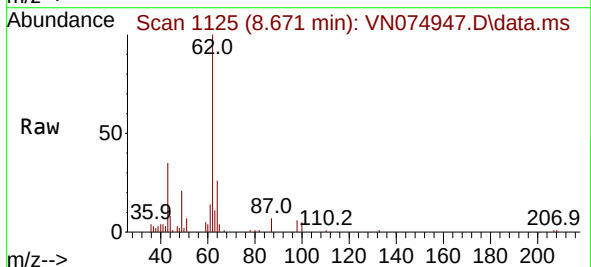
Manual Integrations
APPROVED

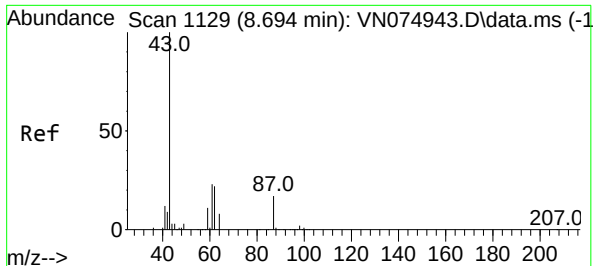
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#42
1,2-Dichloroethane
Concen: 6.066 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

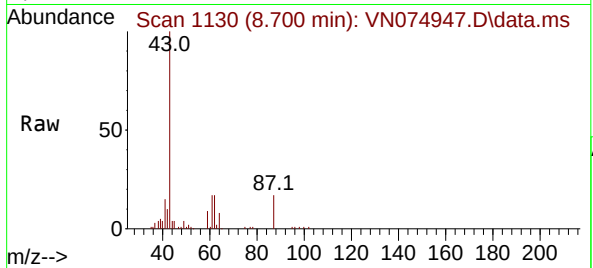
Tgt Ion: 62 Resp: 79041
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.8





#43
Isopropyl Acetate
Concen: 4.502 ug/l
RT: 8.700 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

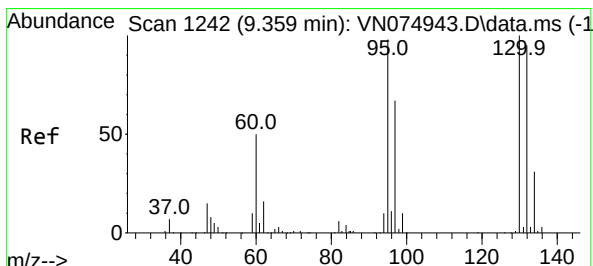
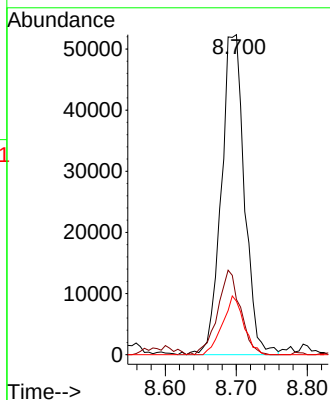
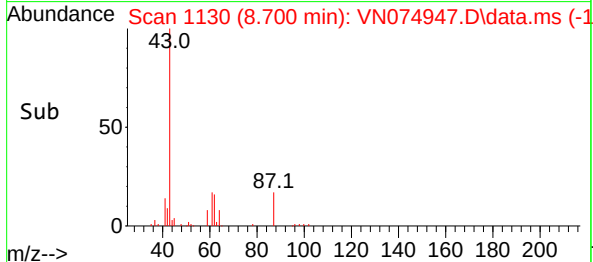
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 118638
Ion Ratio Lower Upper
43 100
61 25.9 22.3 33.5
87 16.8 12.8 19.2

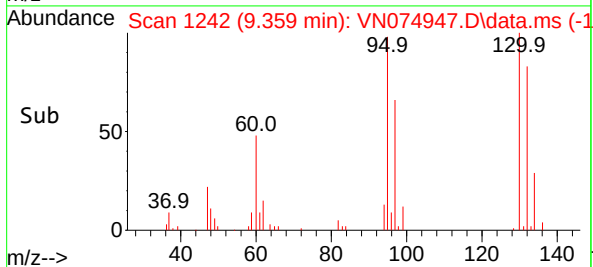
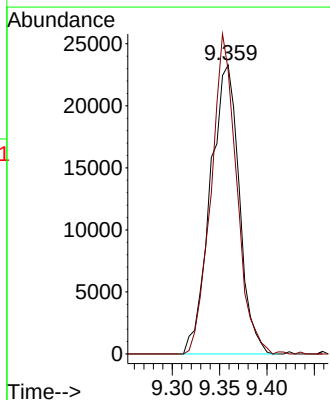
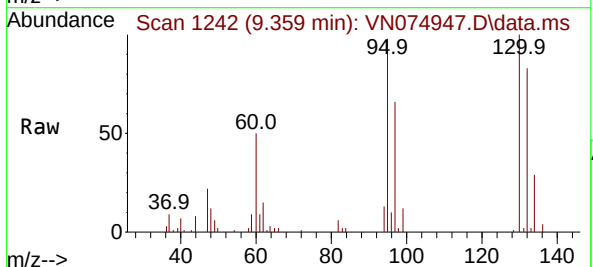
Manual Integrations
APPROVED

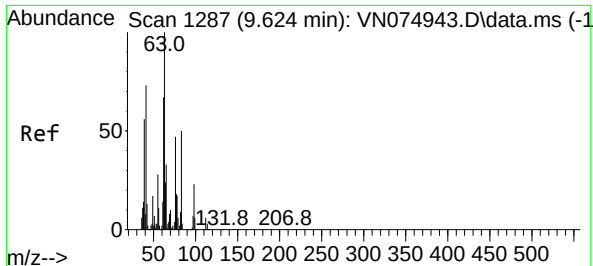
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#44
Trichloroethene
Concen: 5.635 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Tgt Ion:130 Resp: 49537
Ion Ratio Lower Upper
130 100
95 98.2 0.0 195.8





#45

1,2-Dichloropropane

Concen: 4.871 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074947.D

Acq: 20 Oct 2022 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 5132

Ion Ratio Lower Upper

63 100

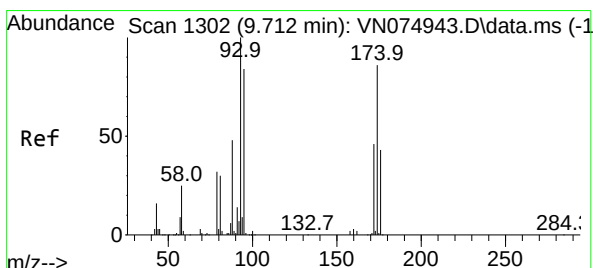
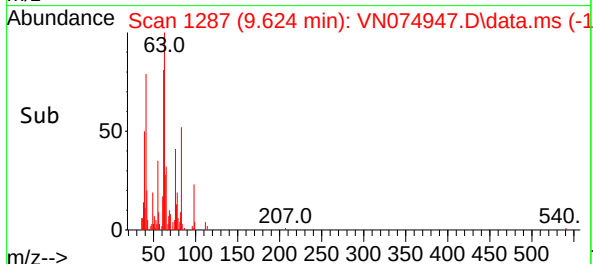
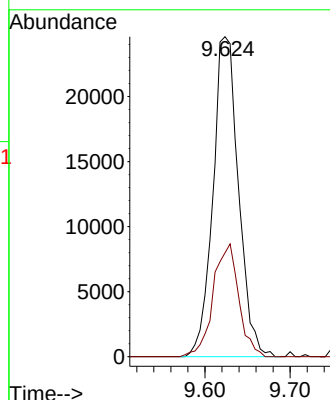
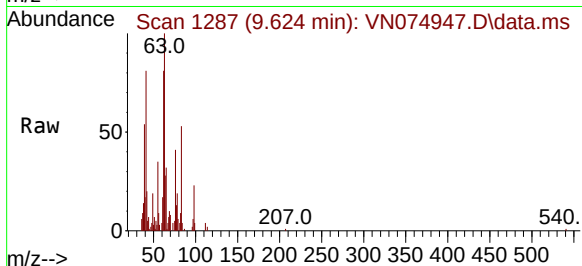
65 32.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#46

Dibromomethane

Concen: 5.852 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN074947.D

Acq: 20 Oct 2022 17:16

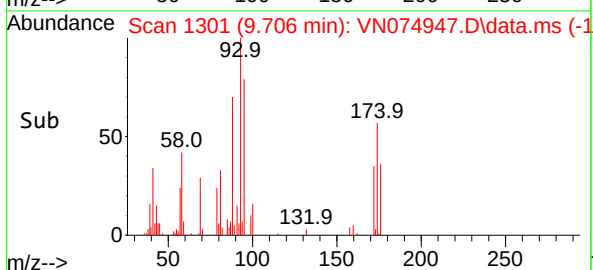
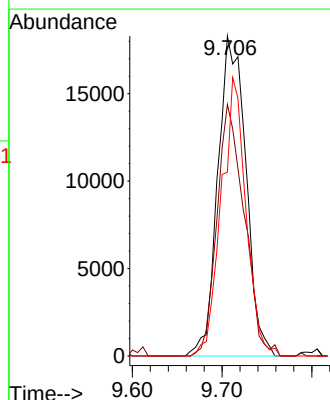
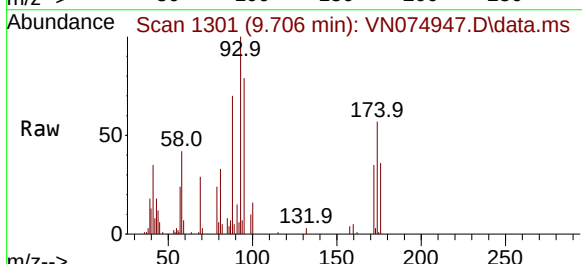
Tgt Ion: 93 Resp: 39583

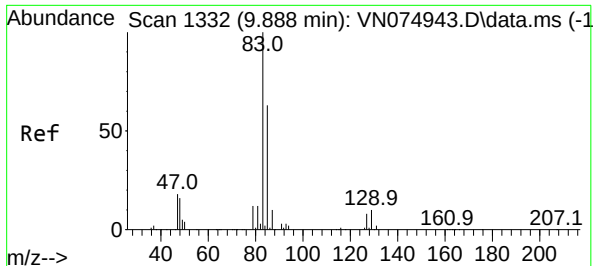
Ion Ratio Lower Upper

93 100

95 76.8 66.0 99.0

174 76.6 68.8 103.2





#47

Bromodichloromethane

Concen: 5.183 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. -0.000 min

Lab File: VN074947.D

Acq: 20 Oct 2022 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

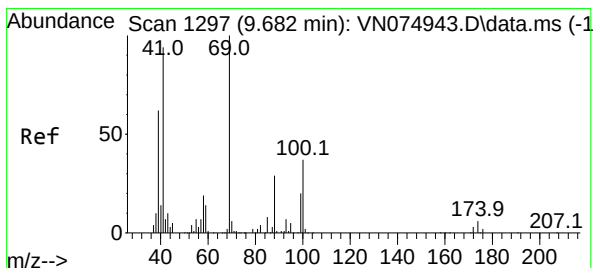
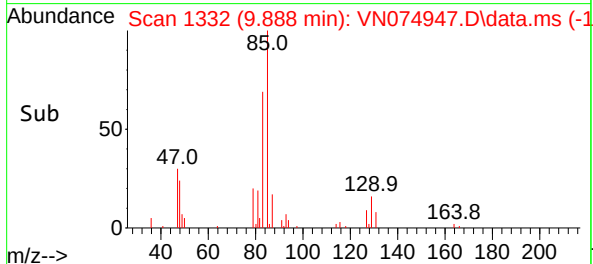
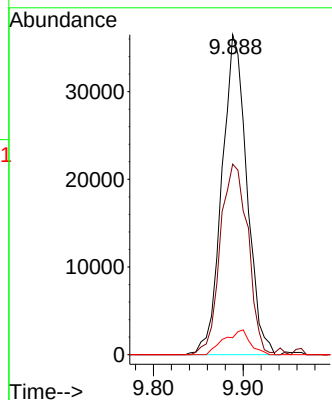
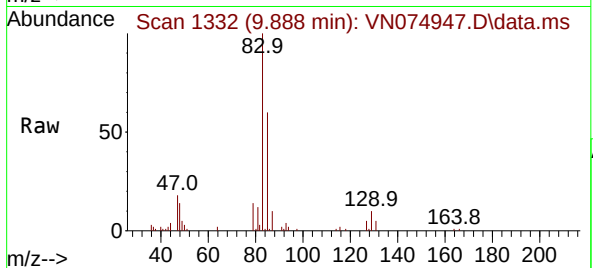
Tgt Ion:	83	Resp:	7033
Ion Ratio	Lower	Upper	
83	100		
85	59.5	50.1	75.1
127	5.3	6.5	9.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#48

Methyl methacrylate

Concen: 4.290 ug/l

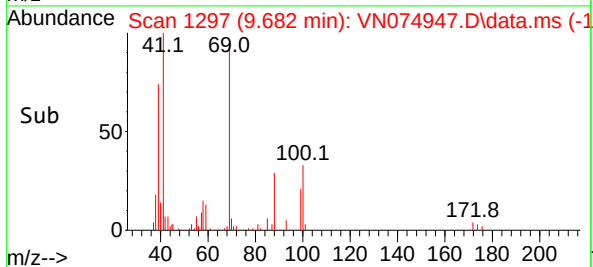
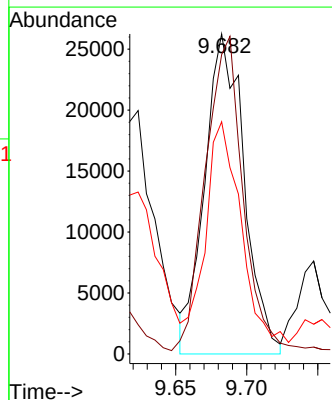
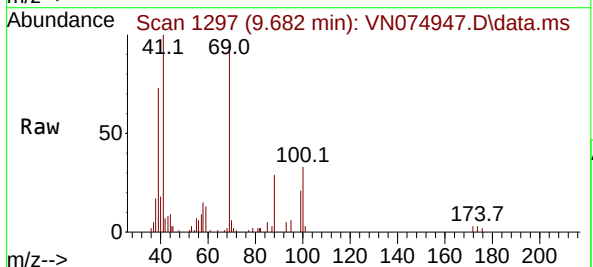
RT: 9.682 min Scan# 1297

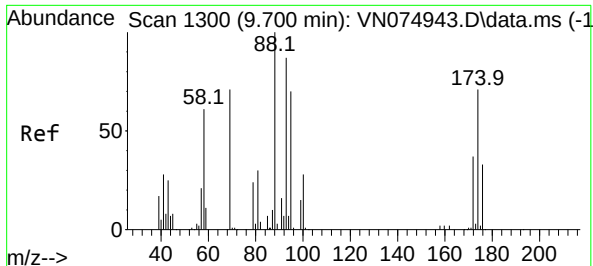
Delta R.T. -0.000 min

Lab File: VN074947.D

Acq: 20 Oct 2022 17:16

Tgt Ion:	41	Resp:	50587
Ion Ratio	Lower	Upper	
41	100		
69	97.3	79.7	119.5
39	68.9	55.1	82.7





#49

1,4-Dioxane

Concen: 111.879 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074947.D

Acq: 20 Oct 2022 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

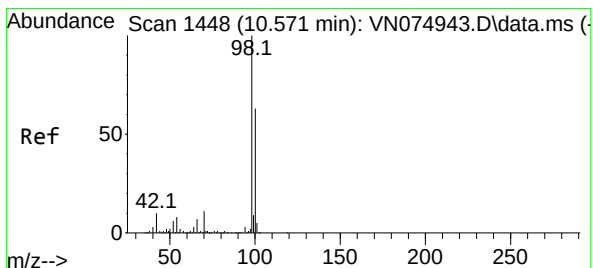
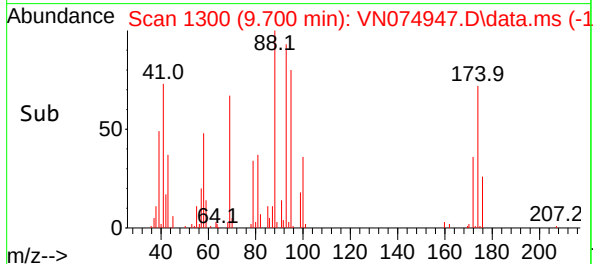
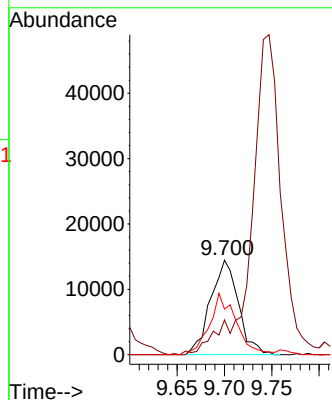
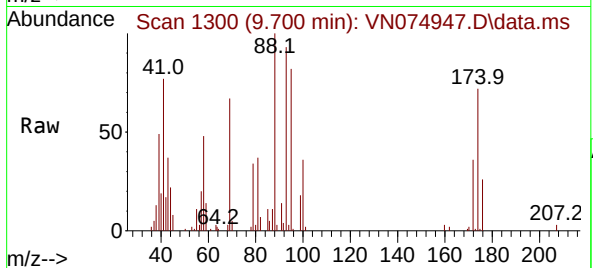
Tgt Ion:	88	Resp:	2959
Ion Ratio	Lower	Upper	
88	100		
43	0.0	21.1	31.7
58	61.5	49.8	74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#50

Toluene-d8

Concen: 5.148 ug/l

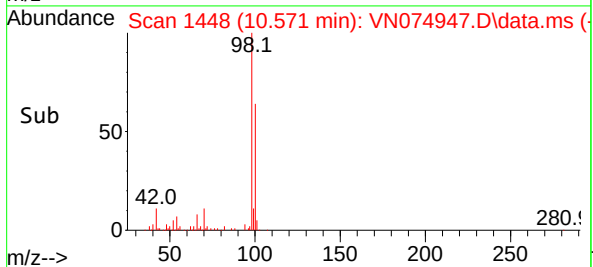
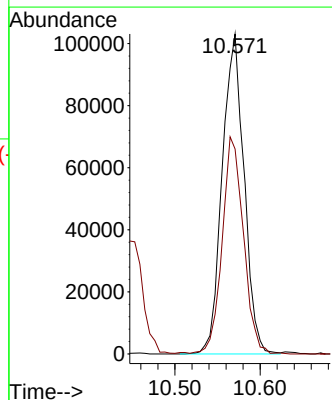
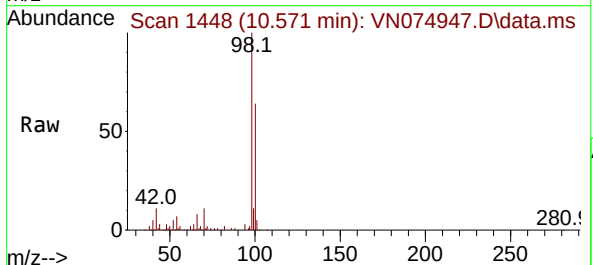
RT: 10.571 min Scan# 1448

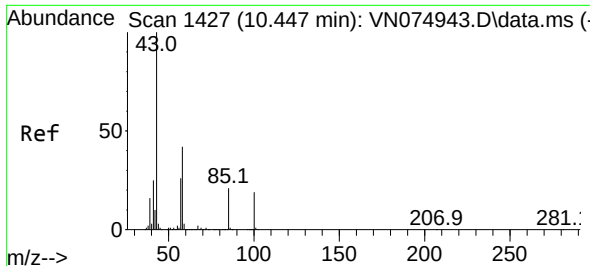
Delta R.T. -0.000 min

Lab File: VN074947.D

Acq: 20 Oct 2022 17:16

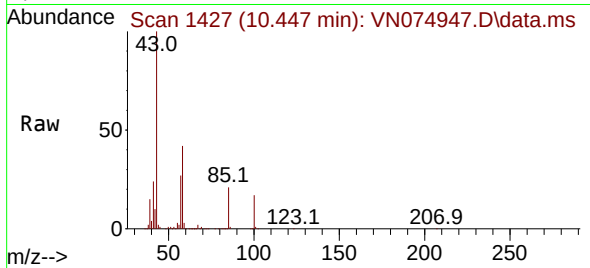
Tgt Ion:	98	Resp:	183503
Ion Ratio	Lower	Upper	
98	100		
100	66.4	51.4	77.2





#51
4-Methyl-2-Pentanone
Concen: 22.050 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

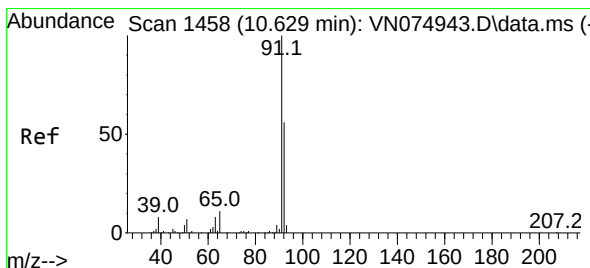
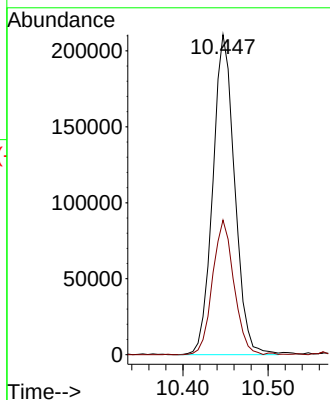
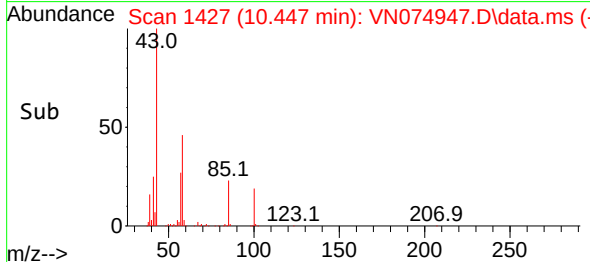
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 37599
Ion Ratio Lower Upper
43 100
58 41.1 33.6 50.4

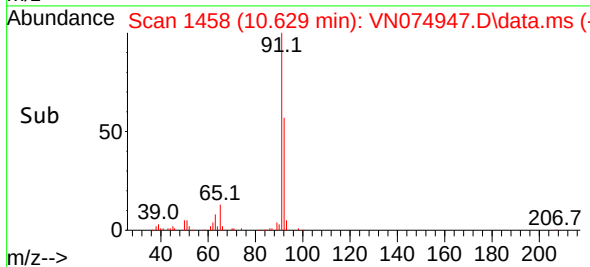
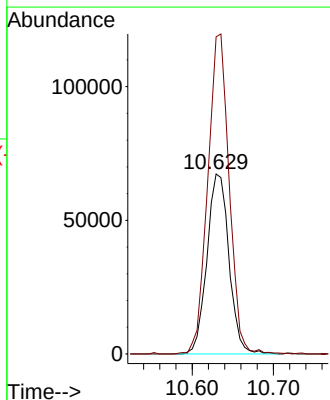
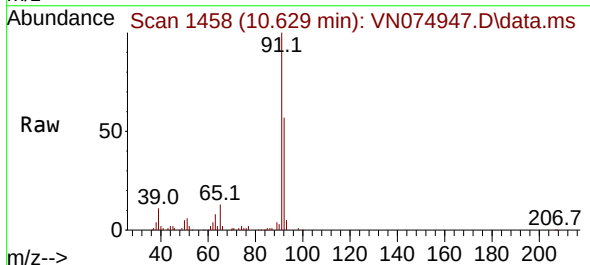
Manual Integrations
APPROVED

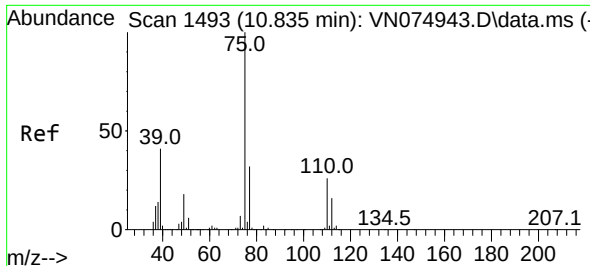
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#52
Toluene
Concen: 5.295 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

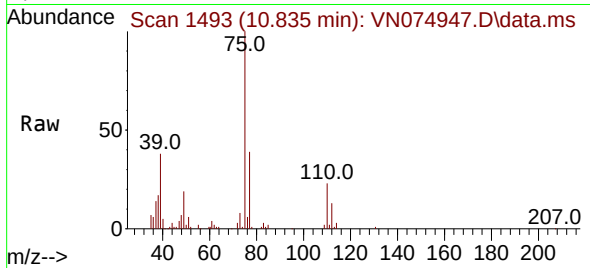
Tgt Ion: 92 Resp: 126839
Ion Ratio Lower Upper
92 100
91 173.0 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 5.138 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

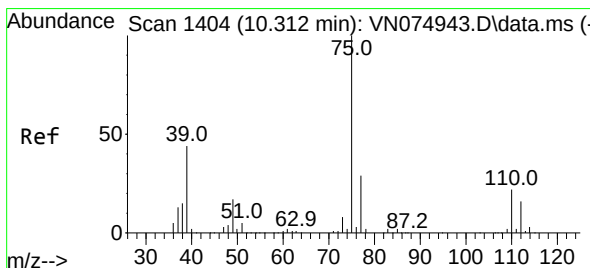
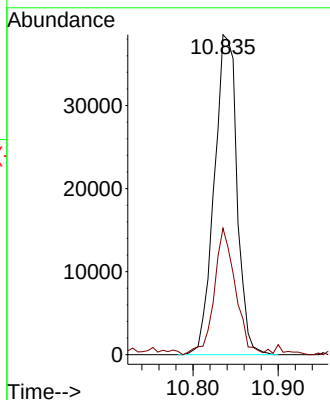
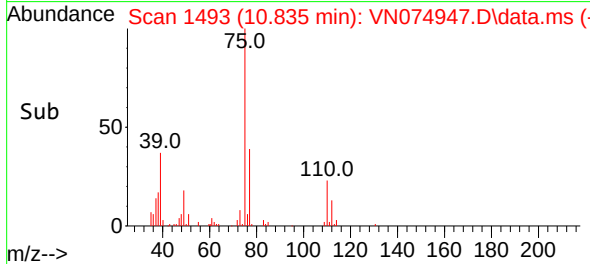
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 71549
Ion Ratio Lower Upper
75 100
77 38.4 25.2 37.8

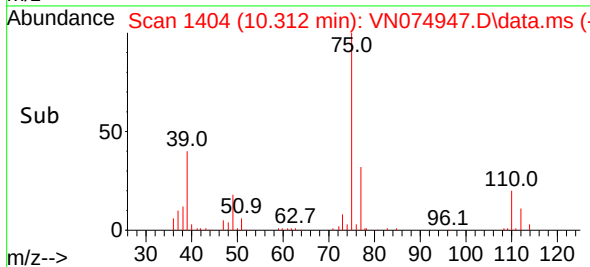
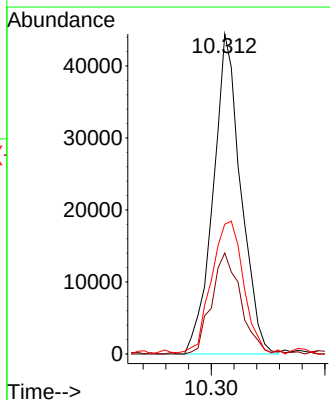
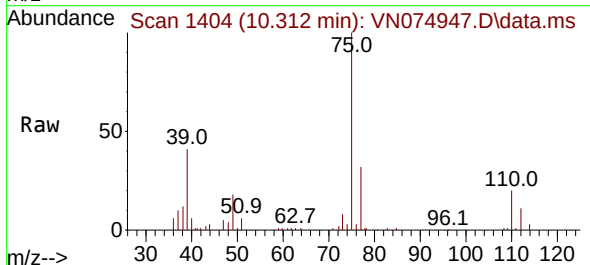
Manual Integrations
APPROVED

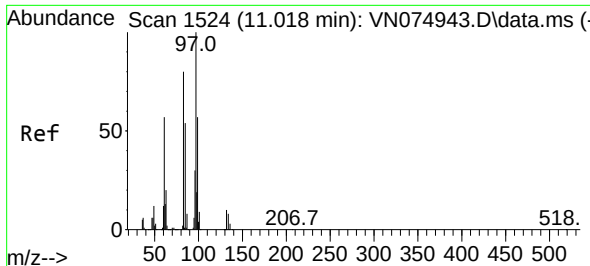
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#54
cis-1,3-Dichloropropene
Concen: 5.007 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Tgt Ion: 75 Resp: 75230
Ion Ratio Lower Upper
75 100
77 31.5 23.5 35.3
39 40.2 35.1 52.7





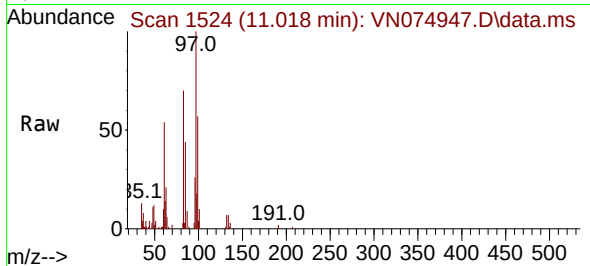
#55
1,1,2-Trichloroethane
Concen: 5.302 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



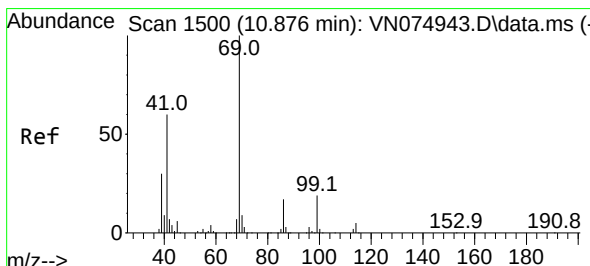
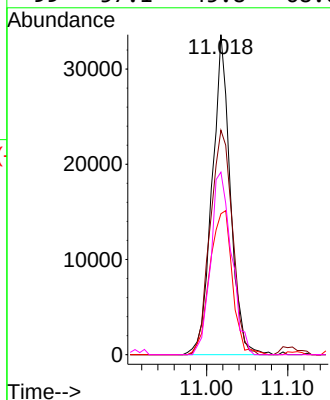
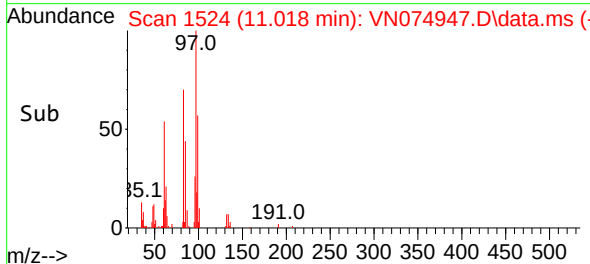
Tgt Ion	Ratio	Lower	Upper
97	100		
83	70.1	64.2	96.4
85	44.0	43.3	64.9
99	57.1	45.8	68.6

Manual Integrations

APPROVED

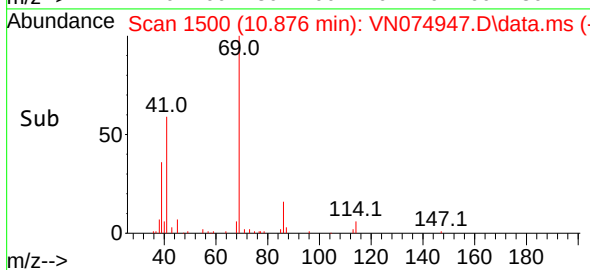
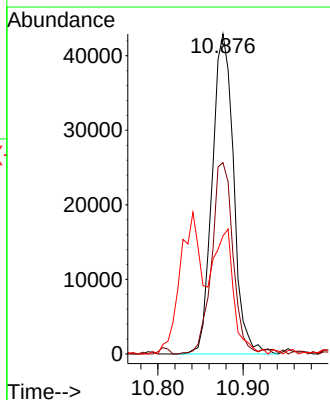
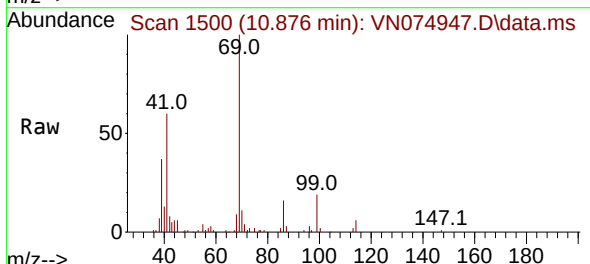
Reviewed By :John Carlone 10/21/2022

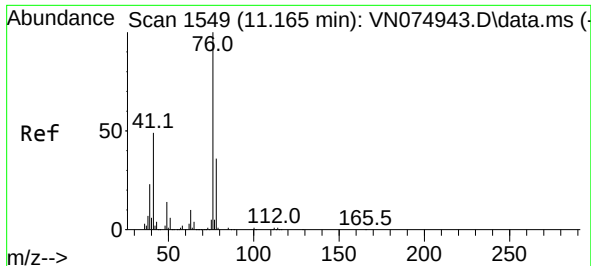
Supervised By :Mahesh Dadoda 10/21/2022



#56
Ethyl methacrylate
Concen: 4.745 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.3	45.1	67.7
39	35.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 5.099 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074947.D

Acq: 20 Oct 2022 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 8925

Ion Ratio Lower Upper

76 100

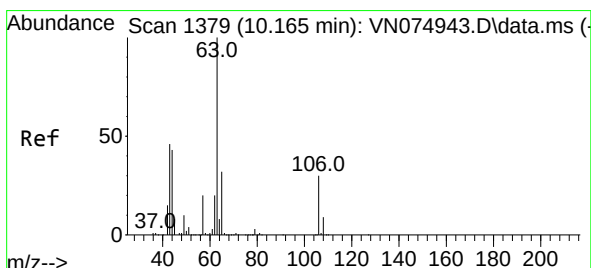
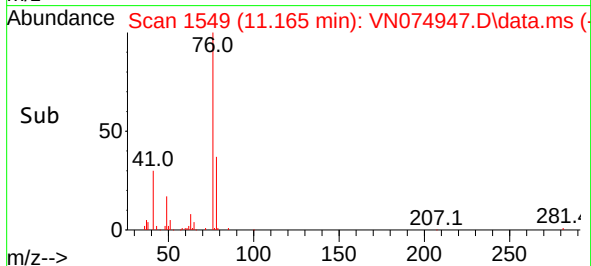
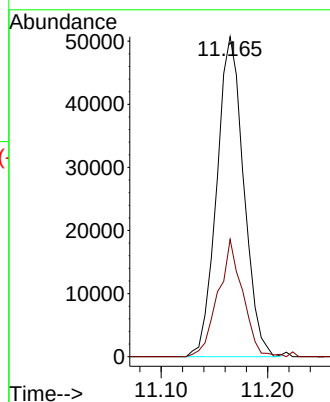
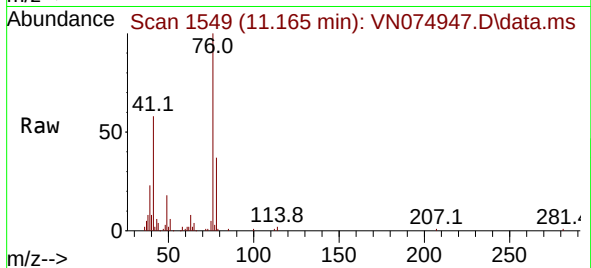
78 33.4 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 22.221 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN074947.D

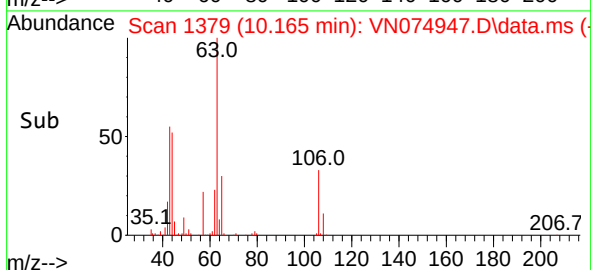
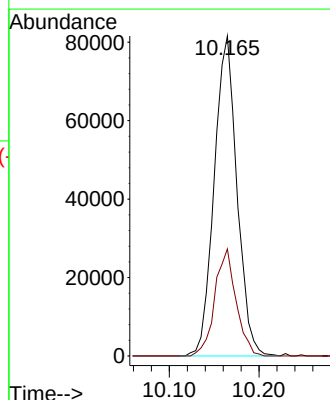
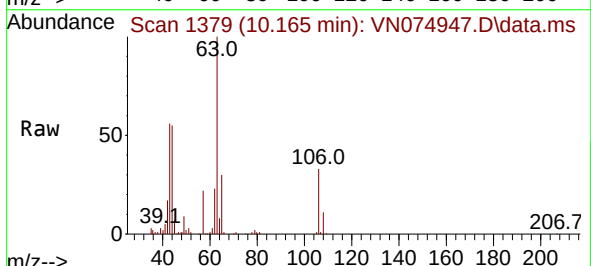
Acq: 20 Oct 2022 17:16

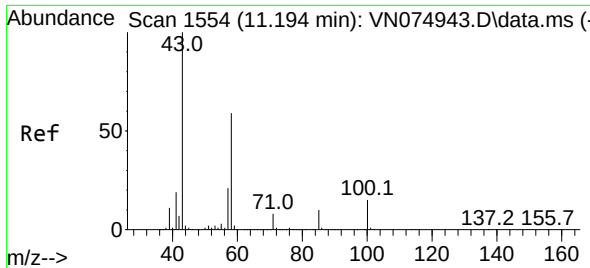
Tgt Ion: 63 Resp: 143955

Ion Ratio Lower Upper

63 100

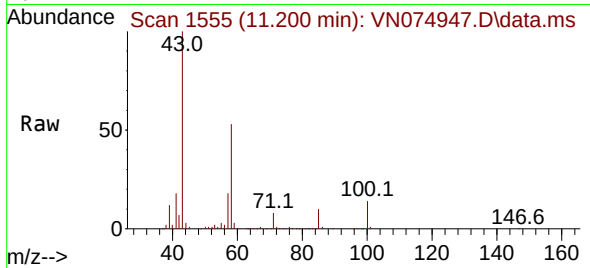
106 31.2 24.1 36.1





#59
2-Hexanone
Concen: 22.772 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

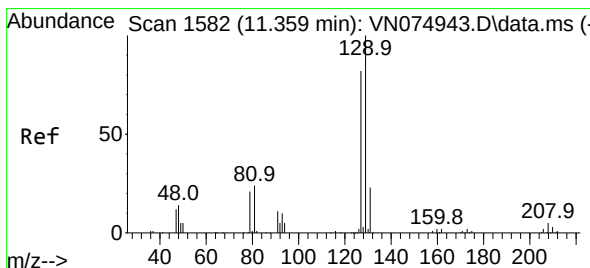
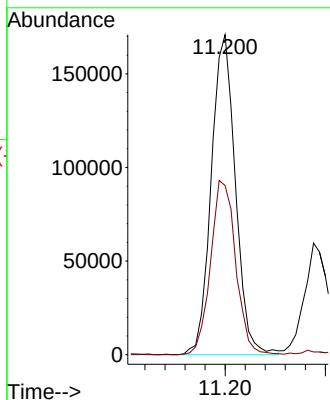
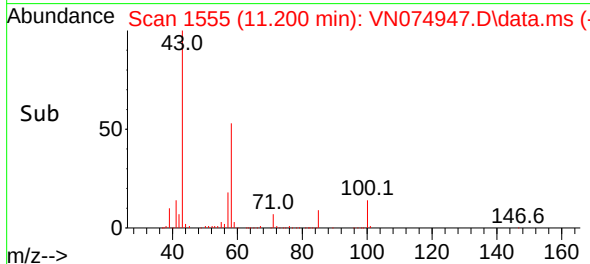
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 285580
Ion Ratio Lower Upper
43 100
58 56.6 29.5 88.5

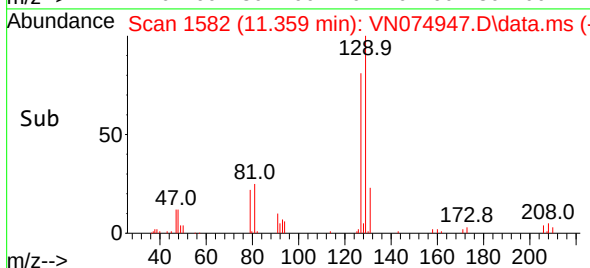
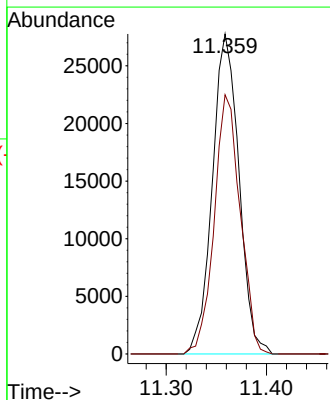
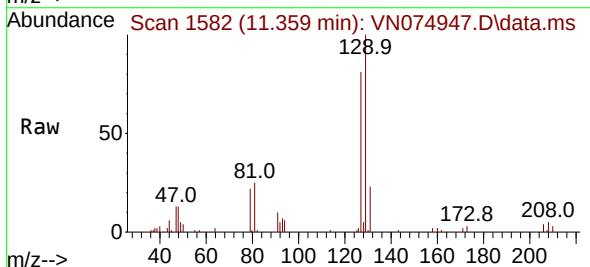
Manual Integrations
APPROVED

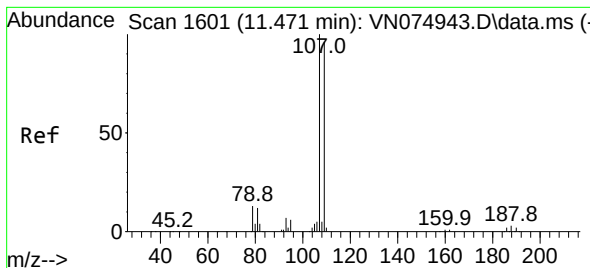
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#60
Dibromochloromethane
Concen: 5.269 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

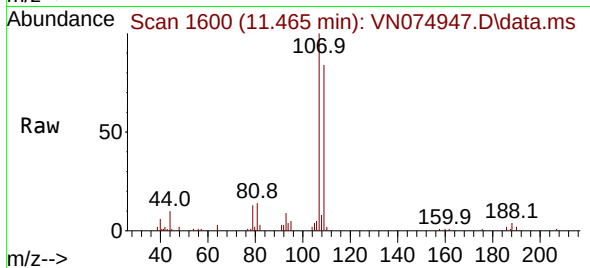
Tgt Ion:129 Resp: 51138
Ion Ratio Lower Upper
129 100
127 79.1 39.0 116.9





#61
1,2-Dibromoethane
Concen: 5.641 ug/l
RT: 11.465 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

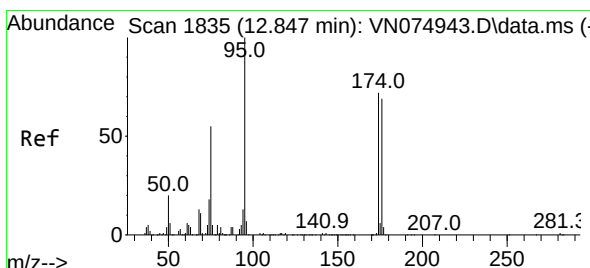
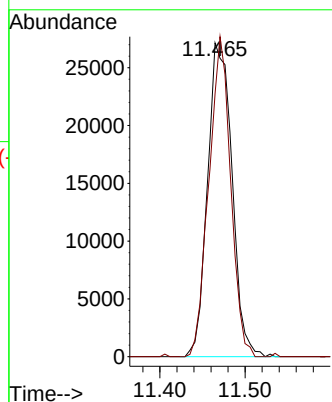
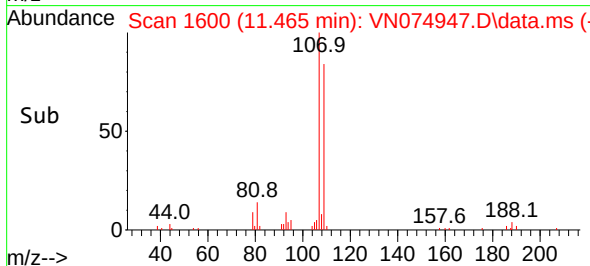
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



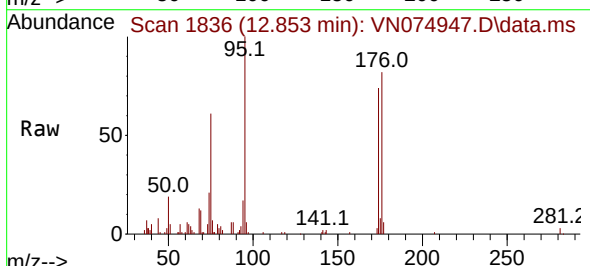
Tgt Ion:107 Resp: 5424
Ion Ratio Lower Upper
107 100
109 90.8 75.5 113.3

Manual Integrations
APPROVED

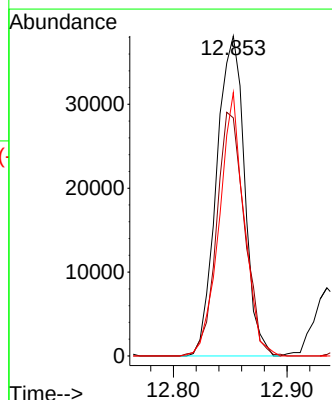
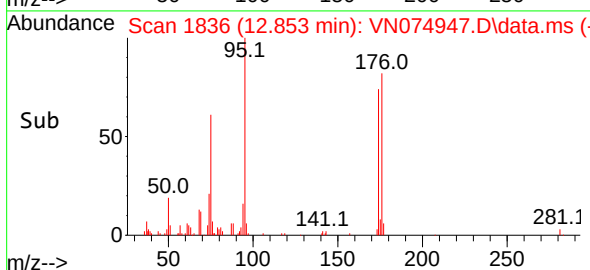
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

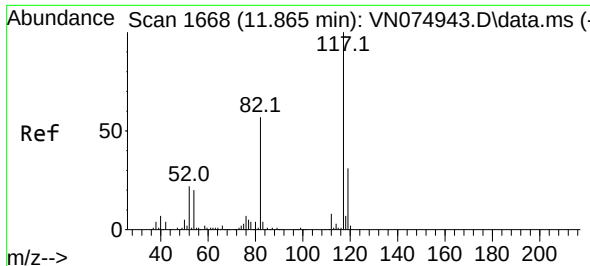


#62
4-Bromofluorobenzene
Concen: 6.358 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16



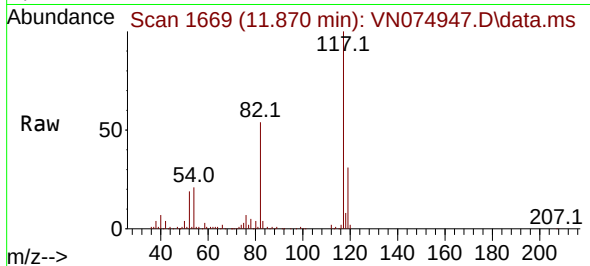
Tgt Ion: 95 Resp: 65158
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.0
176 73.3 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

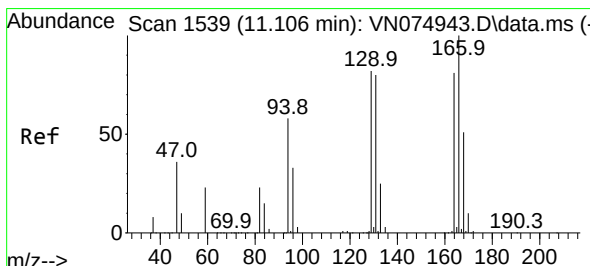
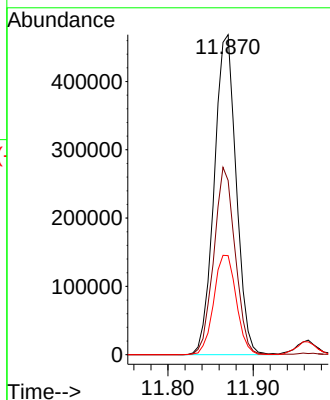
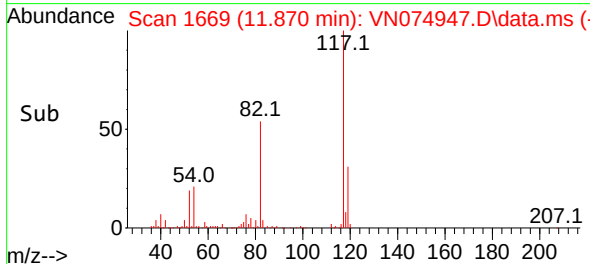
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 838309
Ion Ratio Lower Upper
117 100
82 54.4 45.6 68.4
119 31.0 25.1 37.7

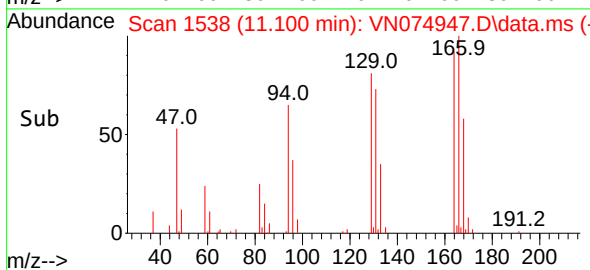
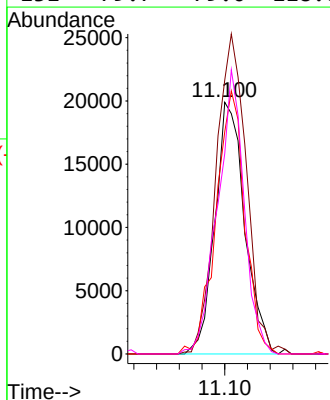
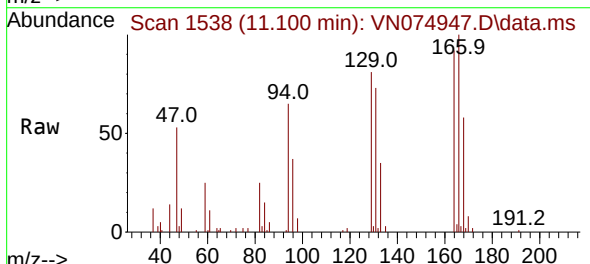
Manual Integrations
APPROVED

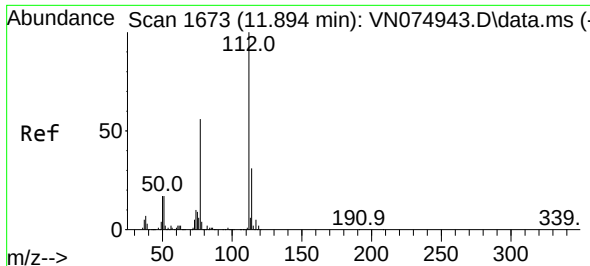
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#64
Tetrachloroethene
Concen: 5.210 ug/l
RT: 11.100 min Scan# 1538
Delta R.T. -0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

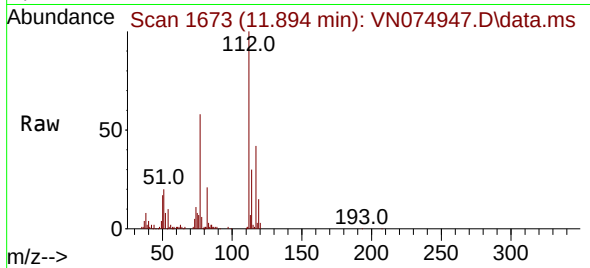
Tgt Ion:164 Resp: 36314
Ion Ratio Lower Upper
164 100
166 108.8 98.6 148.0
129 88.3 81.2 121.8
131 79.7 79.0 118.6





#65
Chlorobenzene
Concen: 5.545 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

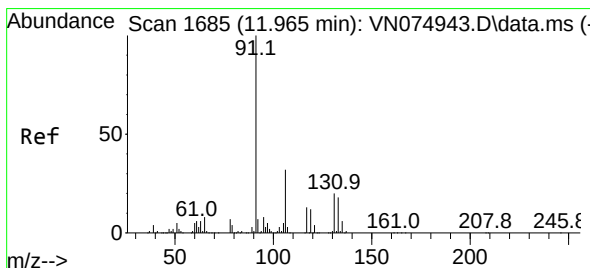
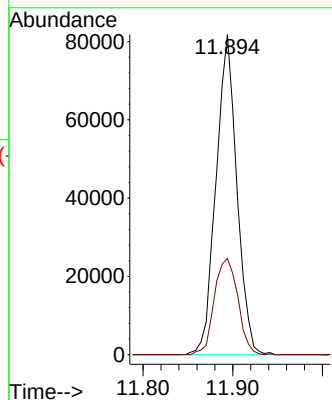
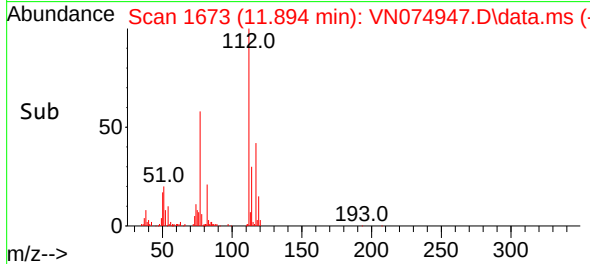
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



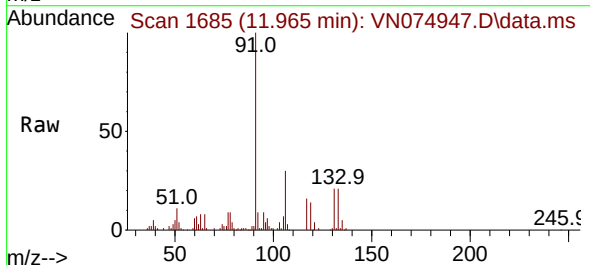
Tgt Ion:112 Resp: 131960
Ion Ratio Lower Upper
112 100
114 30.1 25.0 37.6

Manual Integrations
APPROVED

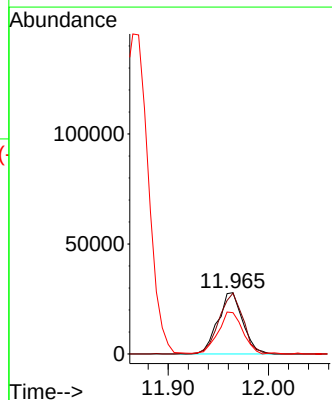
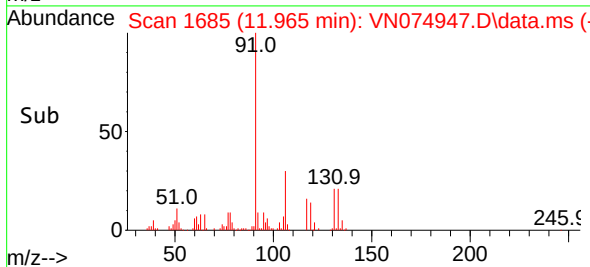
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

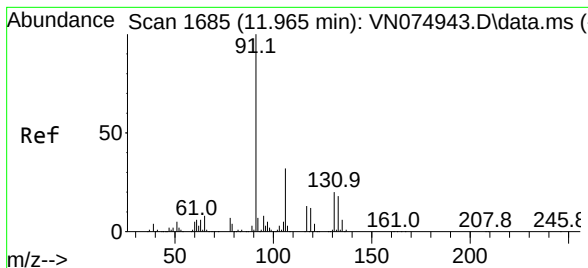


#66
1,1,1,2-Tetrachloroethane
Concen: 5.429 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16



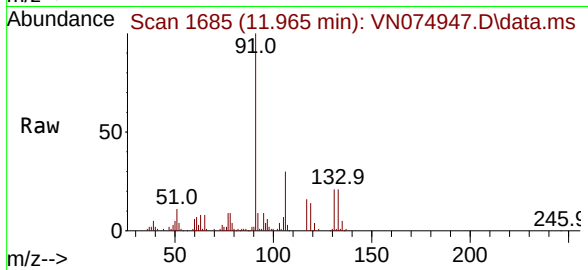
Tgt Ion:131 Resp: 47875
Ion Ratio Lower Upper
131 100
133 96.8 46.6 139.7
119 65.7 32.4 97.0





#67
Ethyl Benzene
Concen: 5.467 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

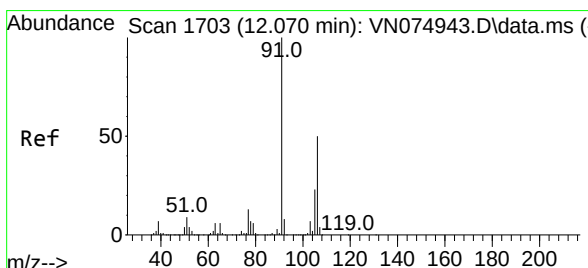
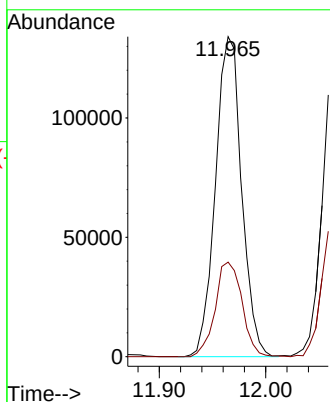
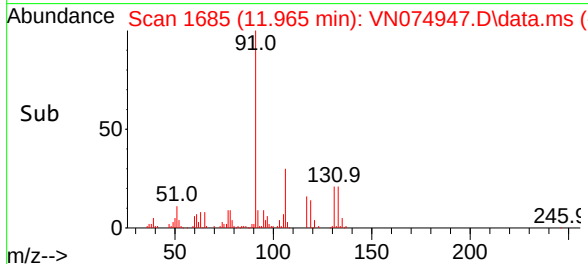
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



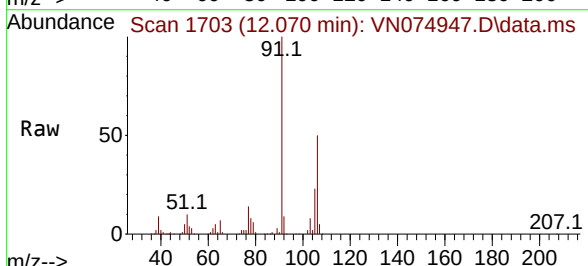
Tgt Ion: 91 Resp: 228735
Ion Ratio Lower Upper
91 100
106 29.6 25.4 38.2

Manual Integrations
APPROVED

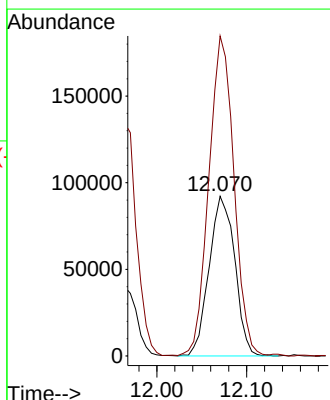
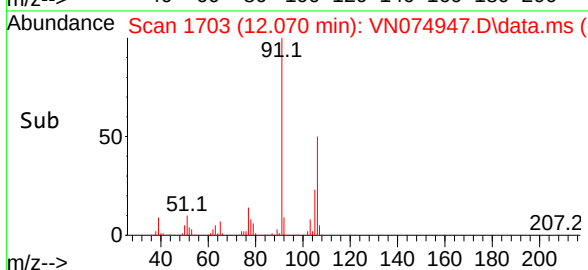
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

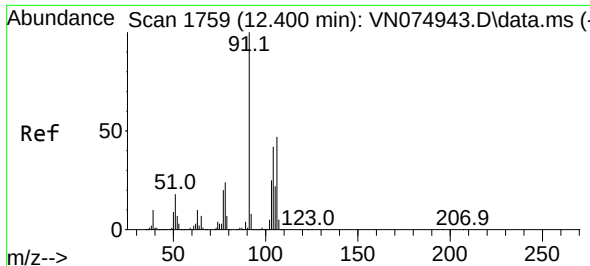


#68
m/p-Xylenes
Concen: 11.577 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16



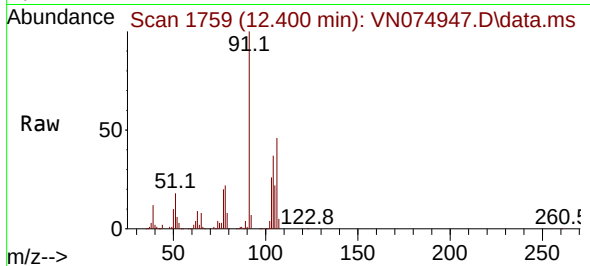
Tgt Ion:106 Resp: 183319
Ion Ratio Lower Upper
106 100
91 195.2 159.7 239.5





#69
o-Xylene
Concen: 5.670 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

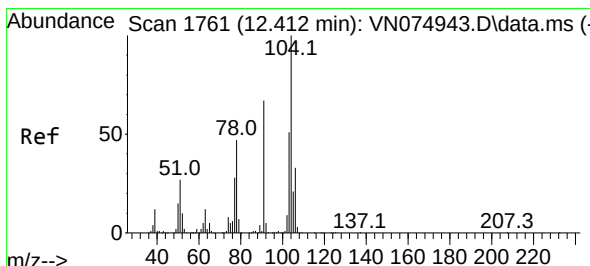
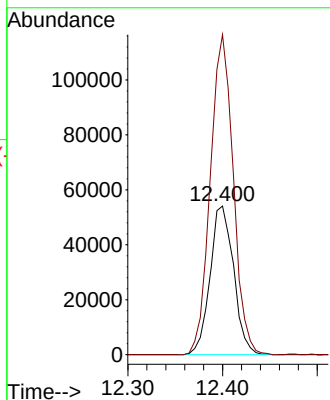
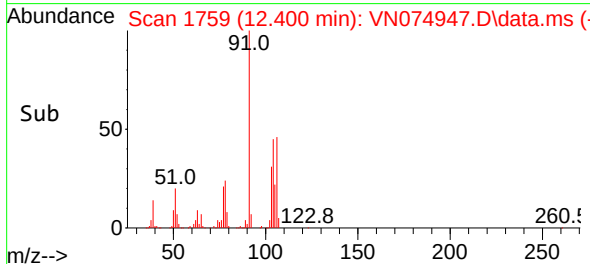
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



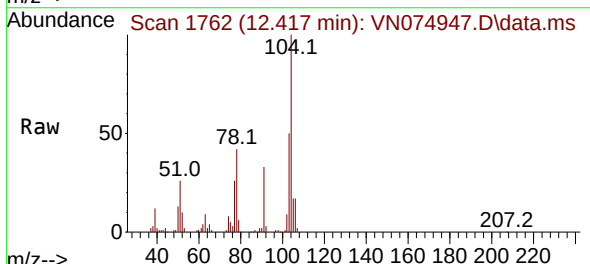
Tgt Ion:106 Resp: 93310
Ion Ratio Lower Upper
106 100
91 210.4 103.6 310.7

Manual Integrations
APPROVED

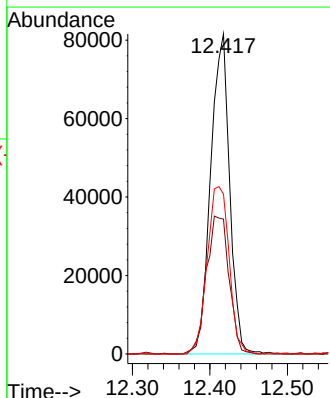
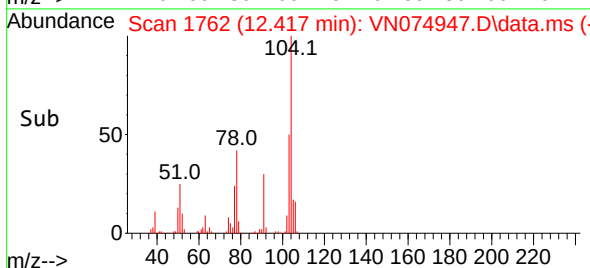
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

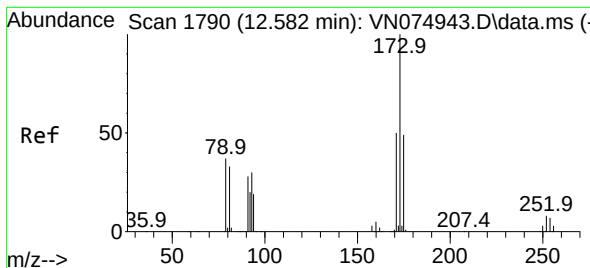


#70
Styrene
Concen: 5.416 ug/l
RT: 12.417 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16



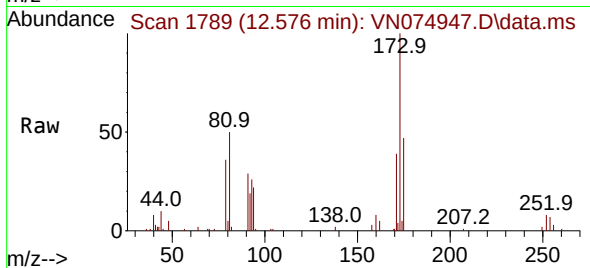
Tgt Ion:104 Resp: 138680
Ion Ratio Lower Upper
104 100
78 51.5 39.4 59.2
103 60.3 43.0 64.4





#71
Bromoform
Concen: 5.351 ug/l
RT: 12.576 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

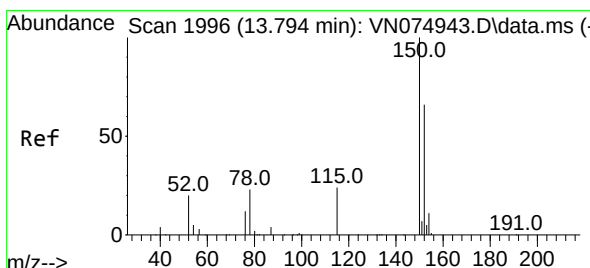
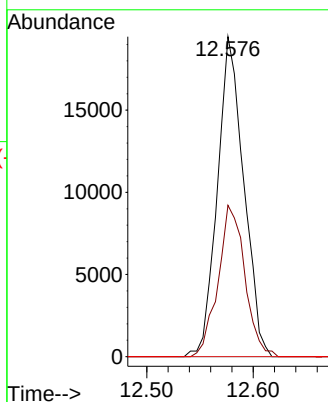
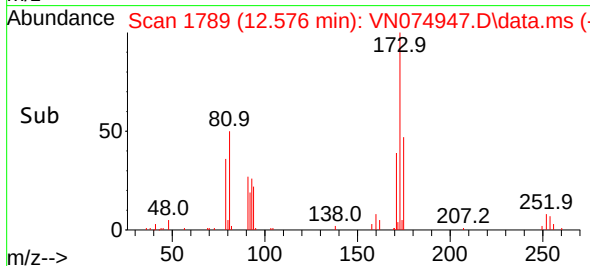
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



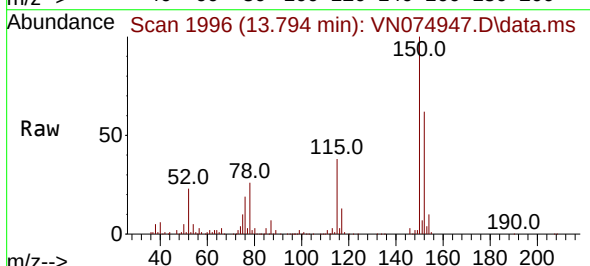
Tgt Ion:173 Resp: 3341
Ion Ratio Lower Upper
173 100
175 48.1 24.8 74.3
254 0.0 0.1 0.1

Manual Integrations
APPROVED

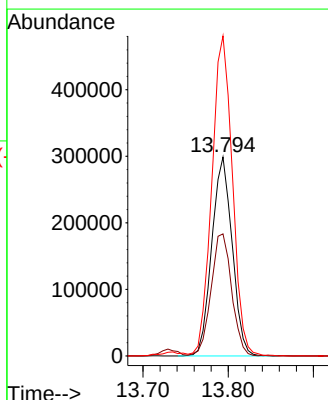
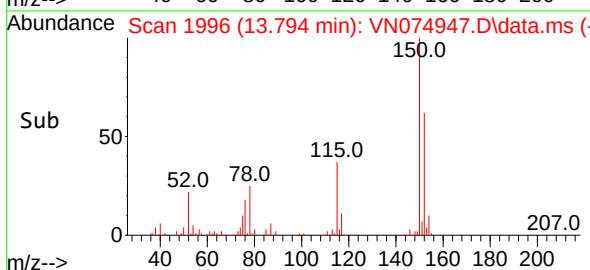
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

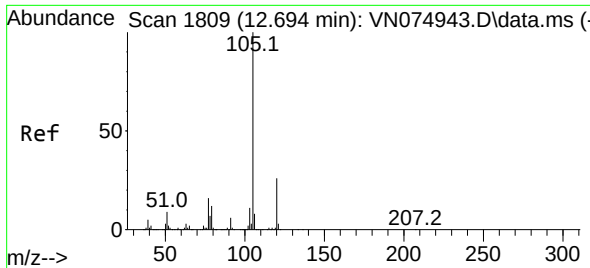


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16



Tgt Ion:152 Resp: 495804
Ion Ratio Lower Upper
152 100
115 62.3 31.3 93.8
150 162.8 0.0 349.6





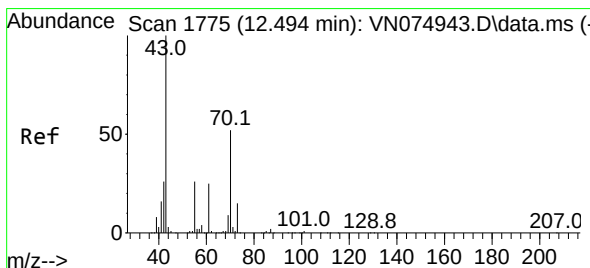
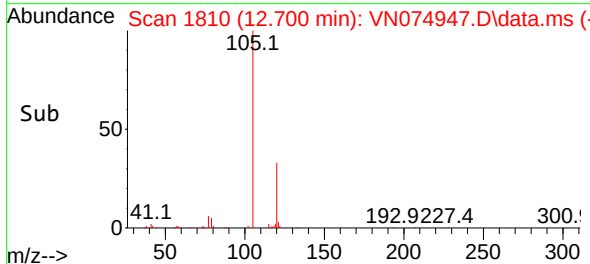
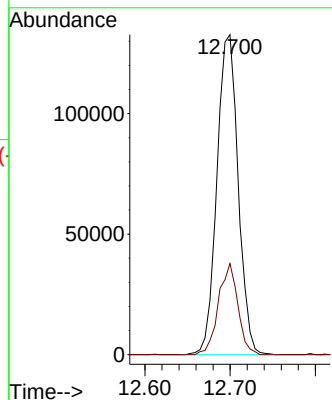
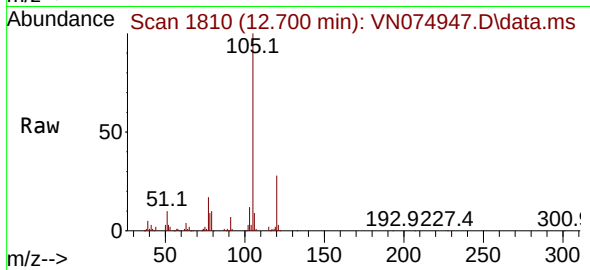
#73
Isopropylbenzene
Concen: 5.223 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 230160
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.4

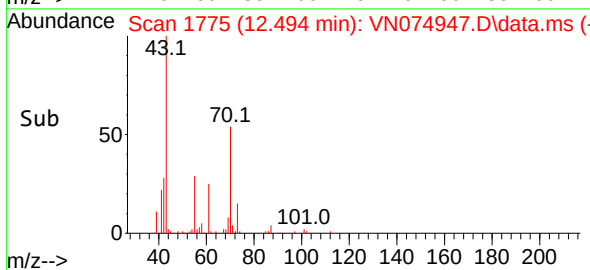
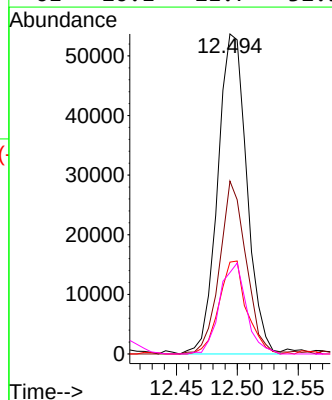
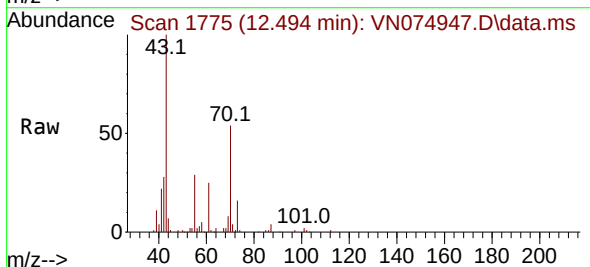
Manual Integrations
APPROVED

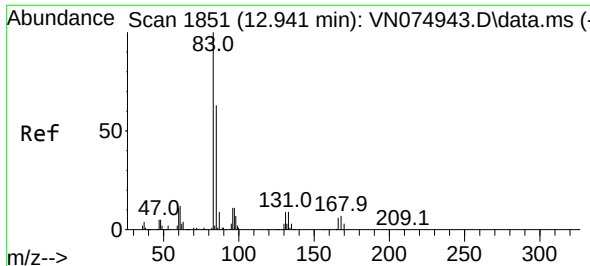
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#74
N-ethyl acetate
Concen: 4.101 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Tgt Ion: 43 Resp: 89285
Ion Ratio Lower Upper
43 100
70 49.3 40.2 60.2
55 27.7 20.6 31.0
61 26.1 21.7 32.5





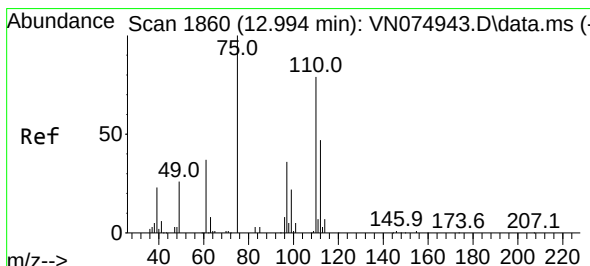
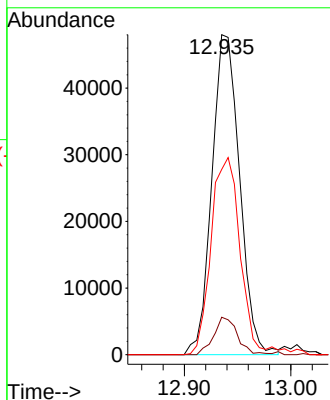
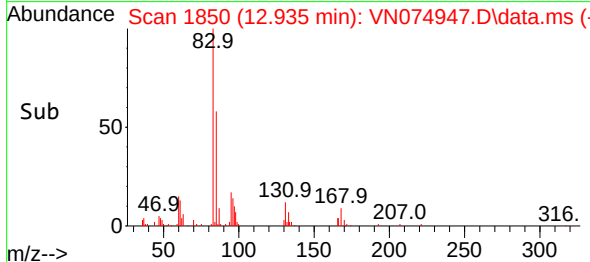
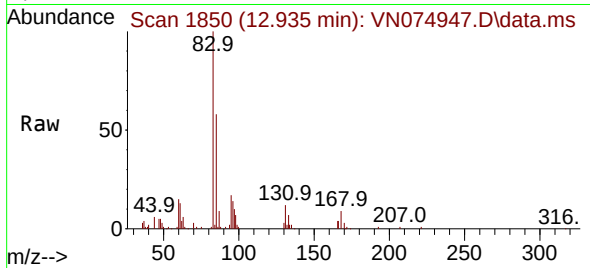
#75
1,1,2,2-Tetrachloroethane
Concen: 5.051 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 8683
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 63.6 32.6 97.7

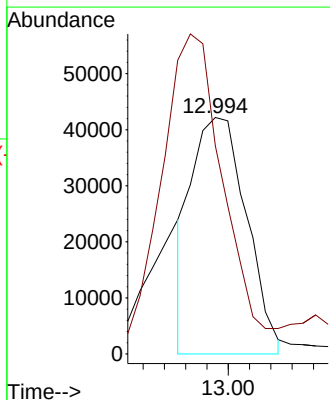
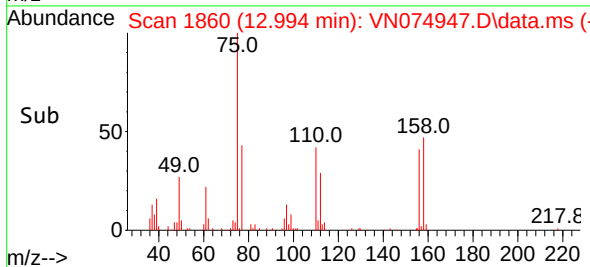
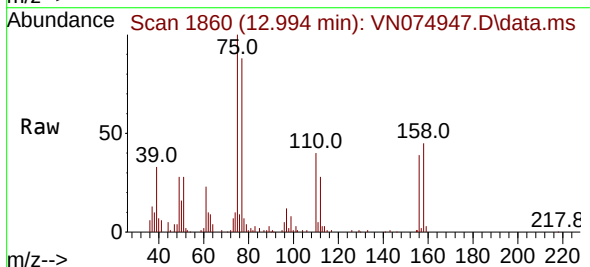
Manual Integrations
APPROVED

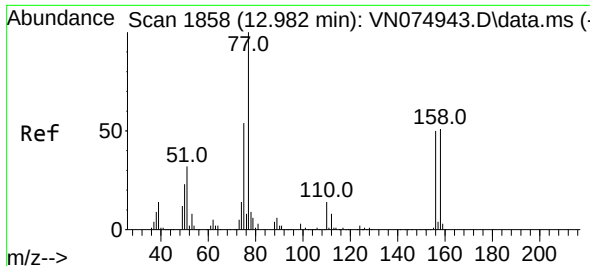
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#76
1,2,3-Trichloropropane
Concen: 6.040 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Tgt Ion: 75 Resp: 75262
Ion Ratio Lower Upper
75 100
77 156.4 81.0 243.0





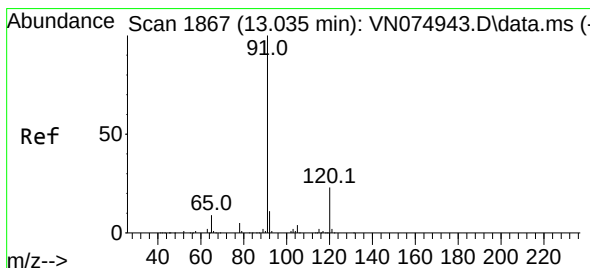
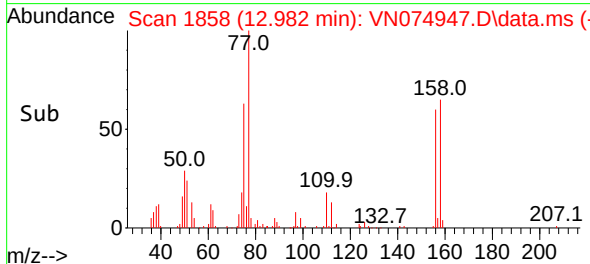
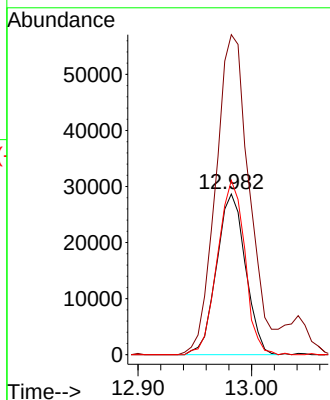
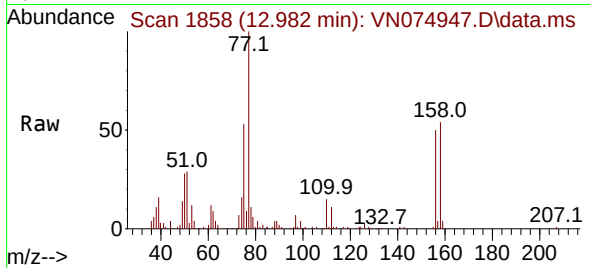
#77
Bromobenzene
Concen: 5.166 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 50702
Ion Ratio Lower Upper
156 100
77 232.2 117.1 351.3
158 102.9 48.3 144.9

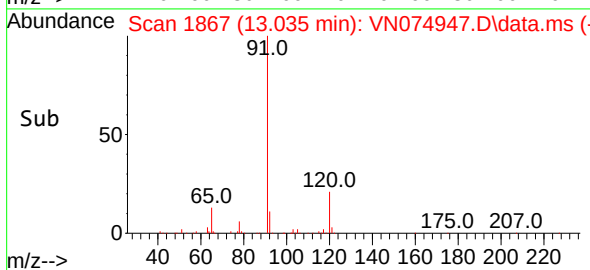
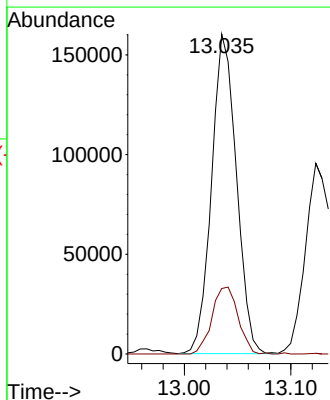
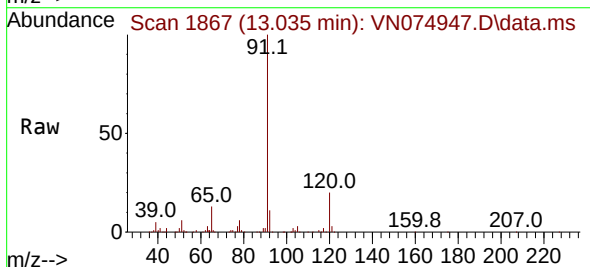
Manual Integrations
APPROVED

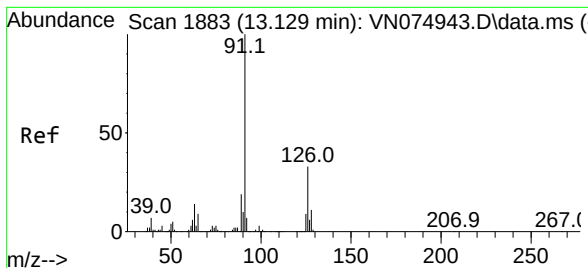
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#78
n-propylbenzene
Concen: 5.248 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Tgt Ion: 91 Resp: 259495
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4





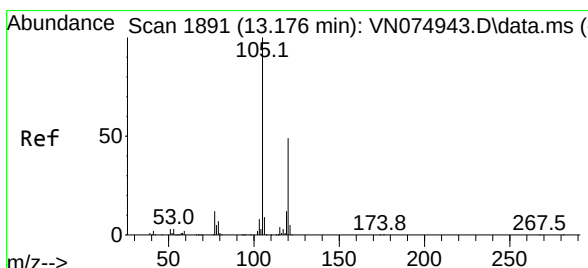
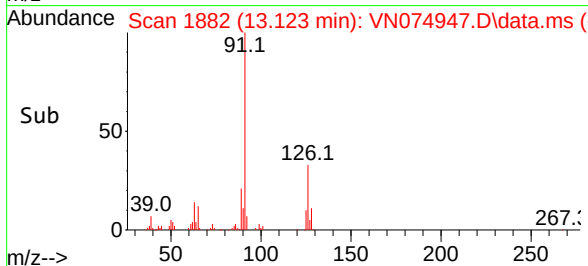
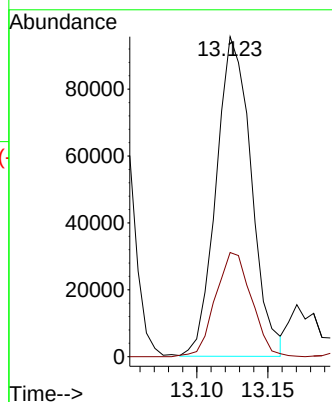
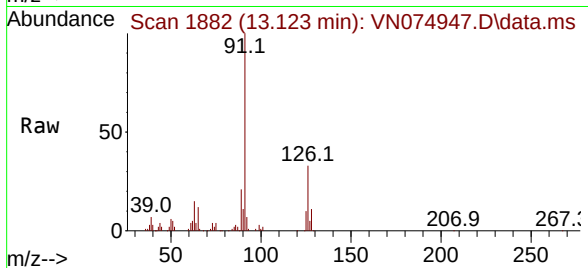
#79
2-Chlorotoluene
Concen: 5.857 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 164859
Ion Ratio Lower Upper
91 100
126 33.3 17.0 51.0

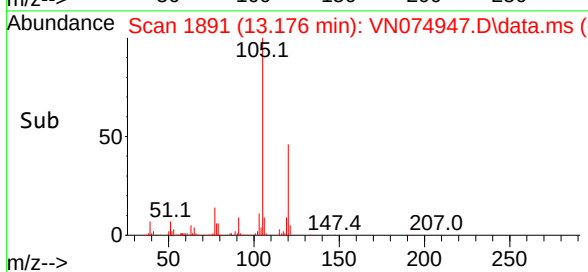
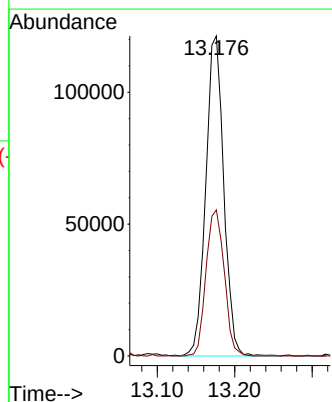
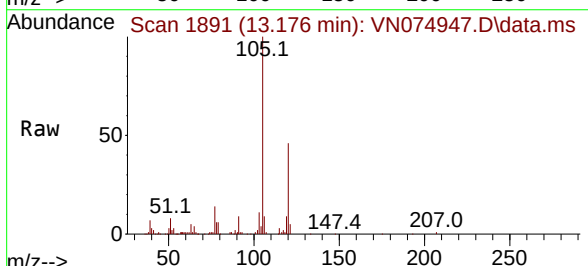
Manual Integrations
APPROVED

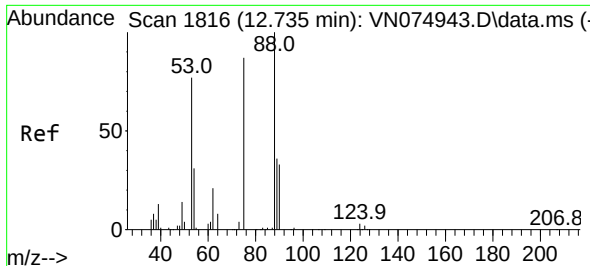
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.677 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

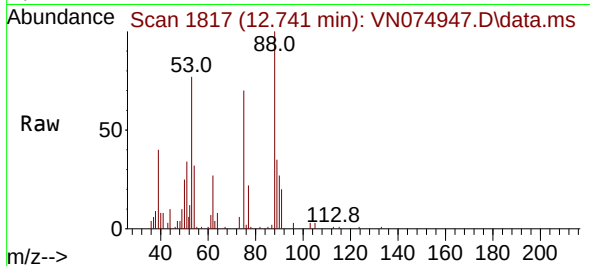
Tgt Ion:105 Resp: 195619
Ion Ratio Lower Upper
105 100
120 46.2 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 4.571 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

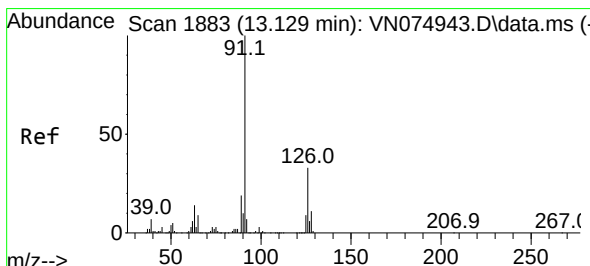
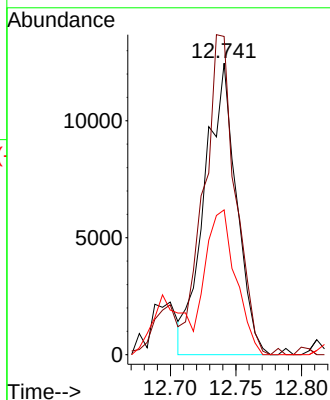
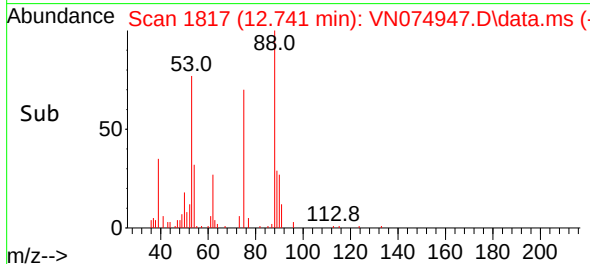
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 21049
Ion Ratio Lower Upper
75 100
53 108.3 79.2 118.8
89 47.1 37.9 56.9

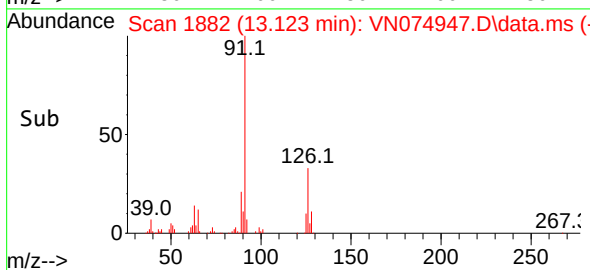
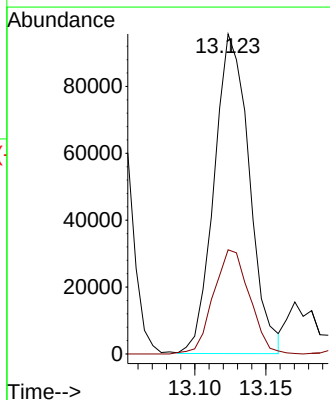
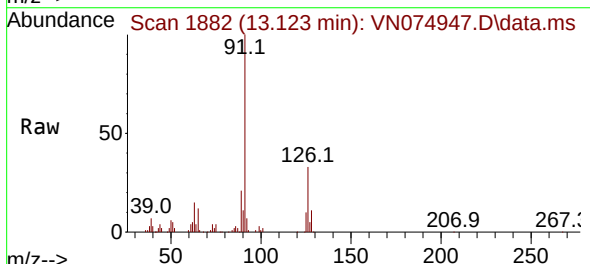
Manual Integrations
APPROVED

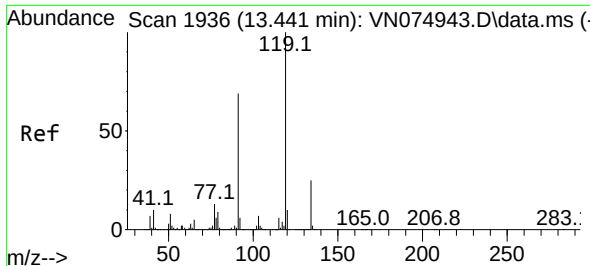
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#82
4-Chlorotoluene
Concen: 5.857 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

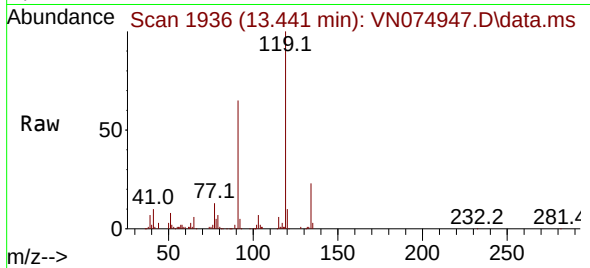
Tgt Ion: 91 Resp: 164859
Ion Ratio Lower Upper
91 100
126 33.3 17.0 51.0





#83
tert-Butylbenzene
Concen: 5.422 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

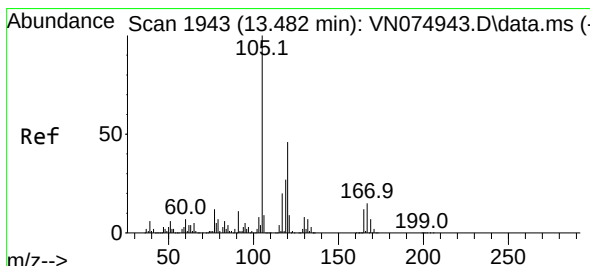
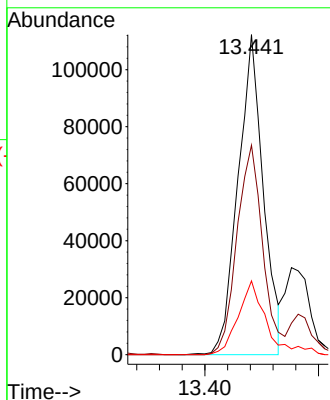
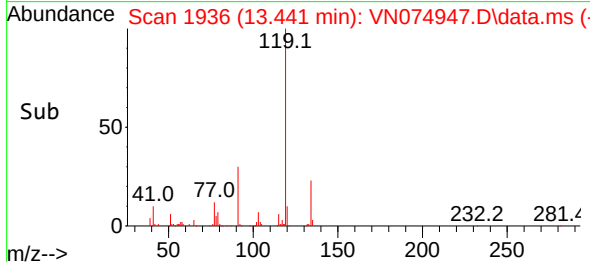
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:119 Resp: 17383
Ion Ratio Lower Upper
119 100
91 67.3 33.1 99.3
134 25.7 12.4 37.0

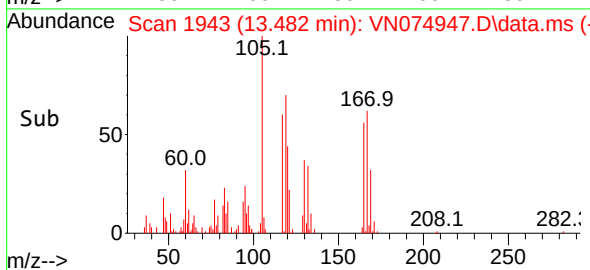
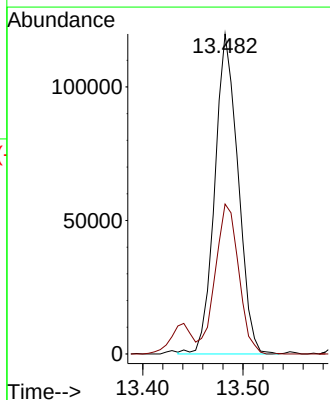
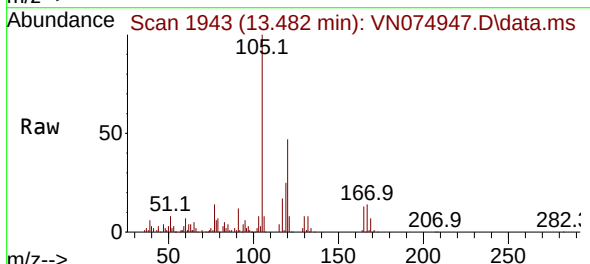
Manual Integrations
APPROVED

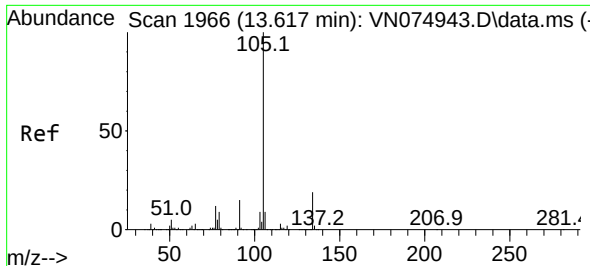
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 5.852 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Tgt Ion:105 Resp: 192926
Ion Ratio Lower Upper
105 100
120 47.3 22.9 68.5





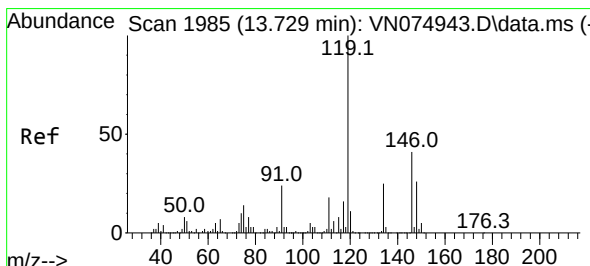
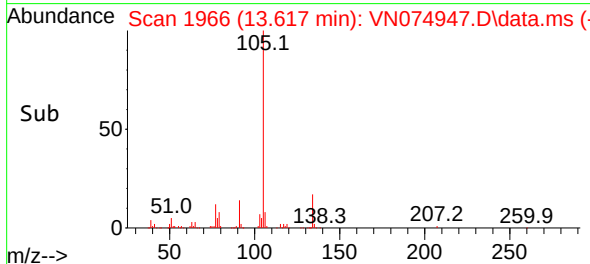
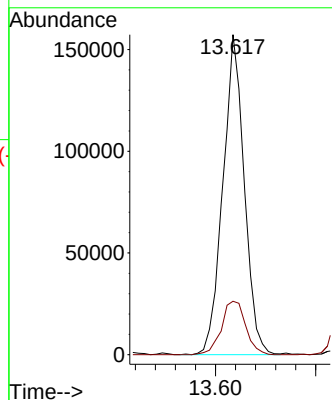
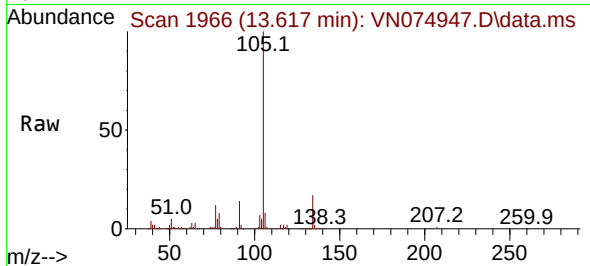
#85
 sec-Butylbenzene
 Concen: 5.341 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074947.D
 Acq: 20 Oct 2022 17:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 232680
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 29.1

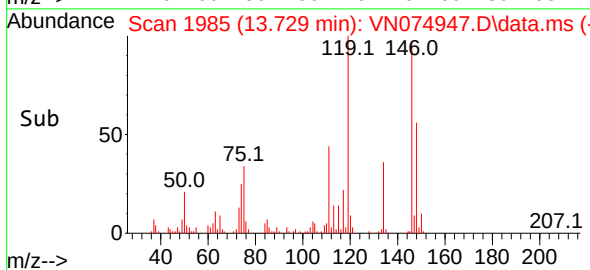
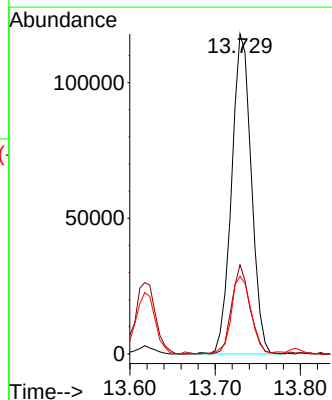
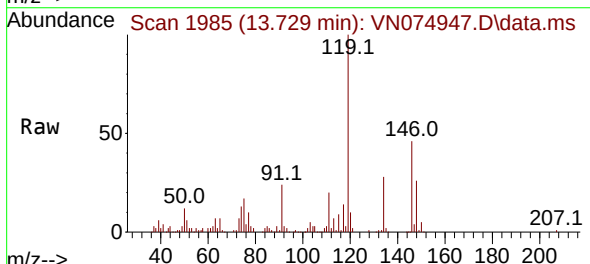
Manual Integrations
 APPROVED

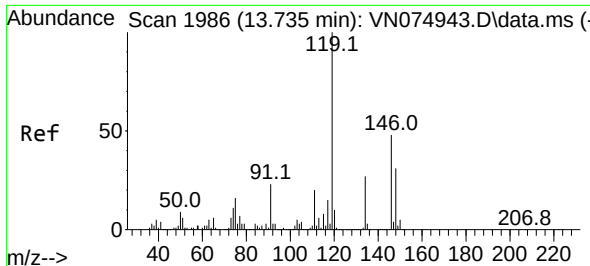
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#86
 p-Isopropyltoluene
 Concen: 5.738 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN074947.D
 Acq: 20 Oct 2022 17:16

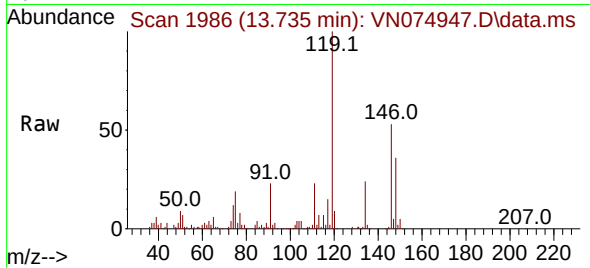
Tgt Ion:119 Resp: 189129
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 24.4 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 6.049 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

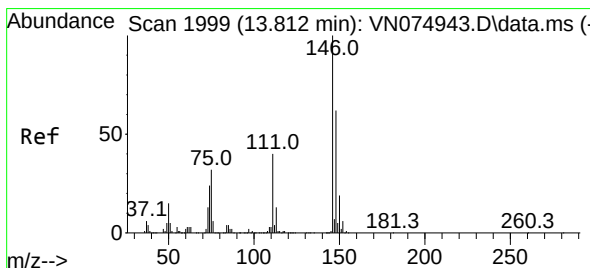
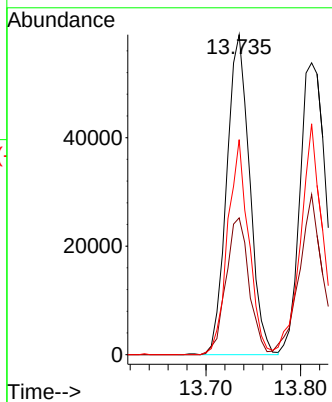
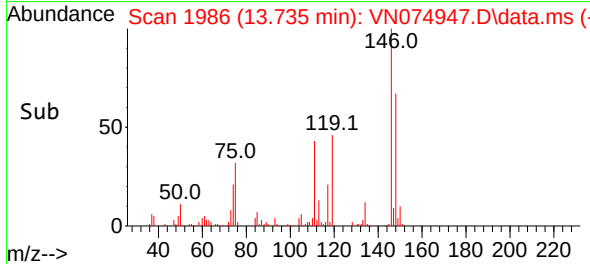
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 98980
Ion Ratio Lower Upper
146 100
111 43.1 21.5 64.5
148 61.6 31.7 95.1

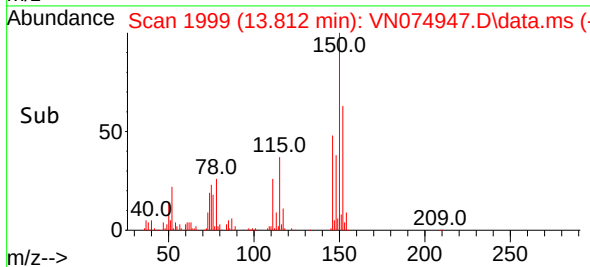
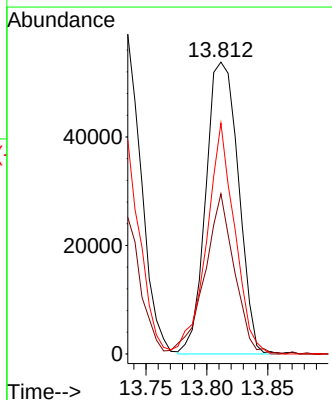
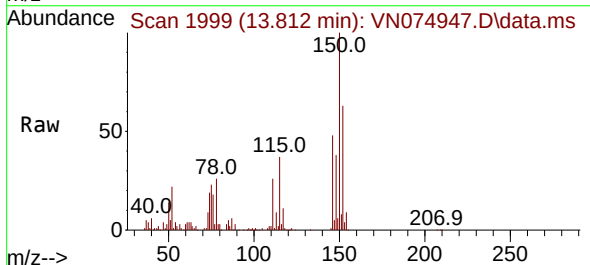
Manual Integrations
APPROVED

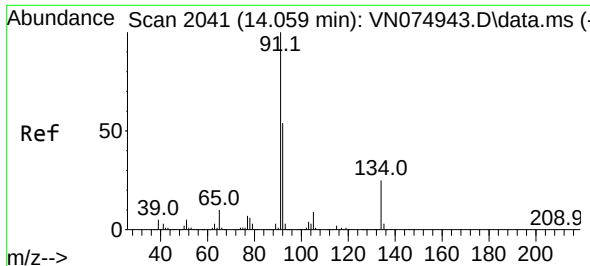
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#88
1,4-Dichlorobenzene
Concen: 6.097 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Tgt Ion:146 Resp: 100171
Ion Ratio Lower Upper
146 100
111 49.8 20.3 61.0
148 67.9 32.3 96.9





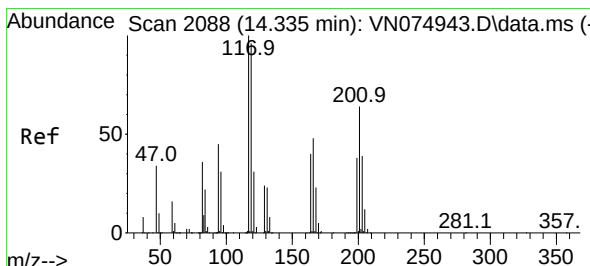
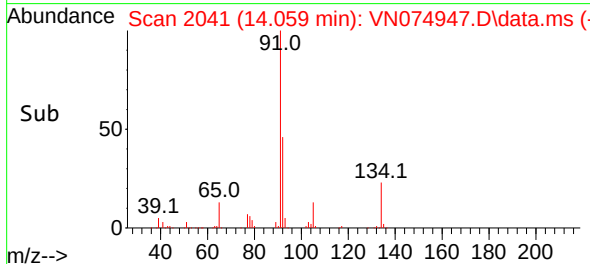
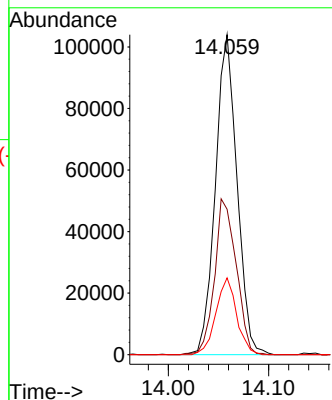
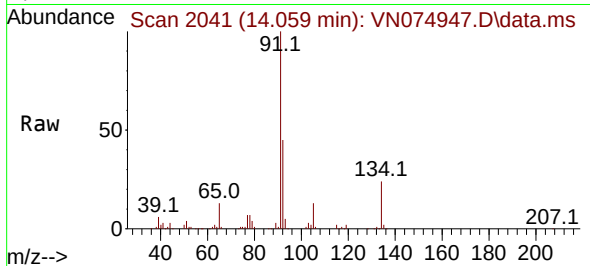
#89
n-Butylbenzene
Concen: 5.702 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 15558
Ion Ratio Lower Upper
91 100
92 48.7 26.3 78.9
134 23.0 12.6 37.6

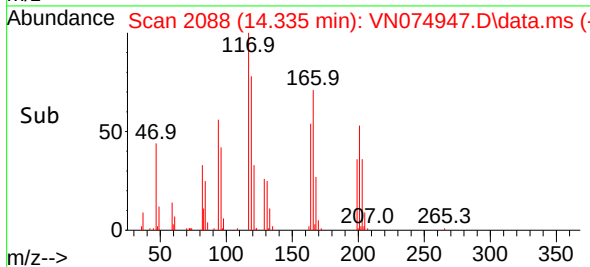
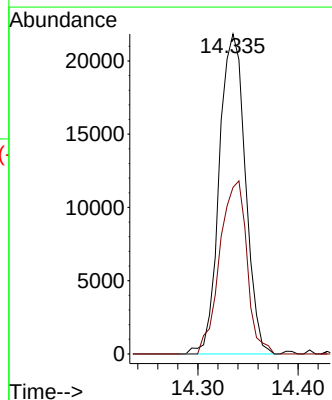
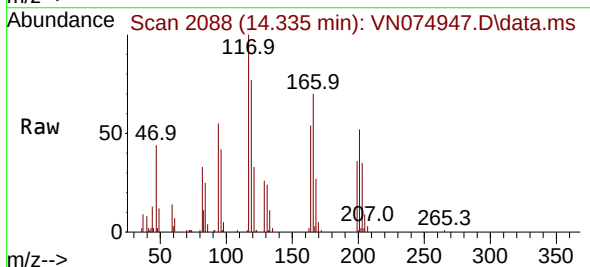
Manual Integrations
APPROVED

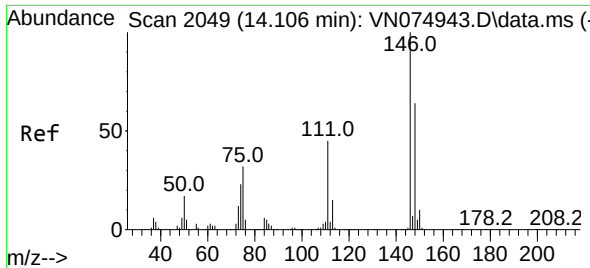
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#90
Hexachloroethane
Concen: 5.671 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Tgt Ion:117 Resp: 39300
Ion Ratio Lower Upper
117 100
201 56.2 30.6 91.6





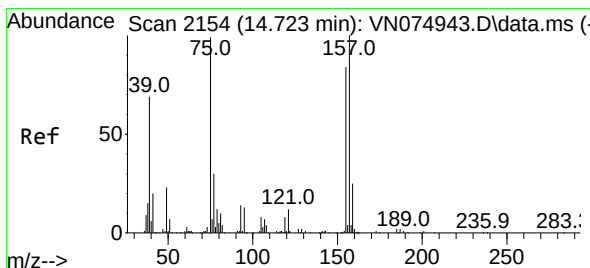
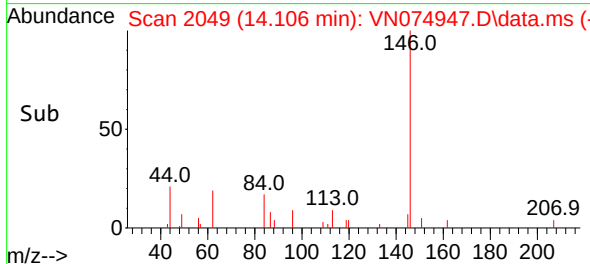
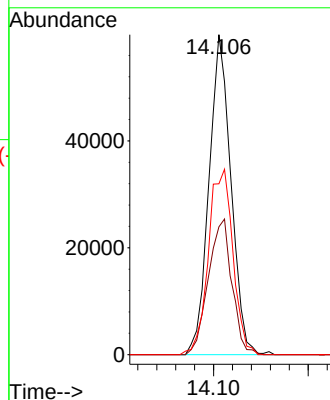
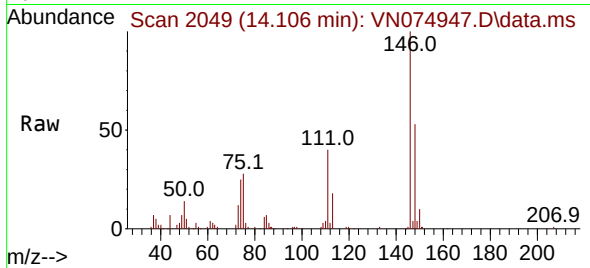
#91
 1,2-Dichlorobenzene
 Concen: 5.837 ug/l
 RT: 14.106 min Scan# 2049
 Delta R.T. -0.000 min
 Lab File: VN074947.D
 Acq: 20 Oct 2022 17:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 96308
 Ion Ratio Lower Upper
 146 100
 111 45.5 22.2 66.6
 148 64.6 31.9 95.5

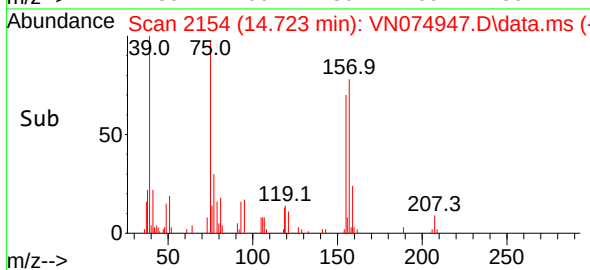
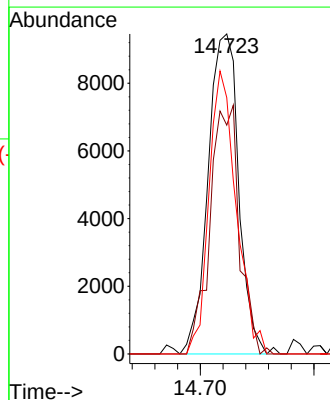
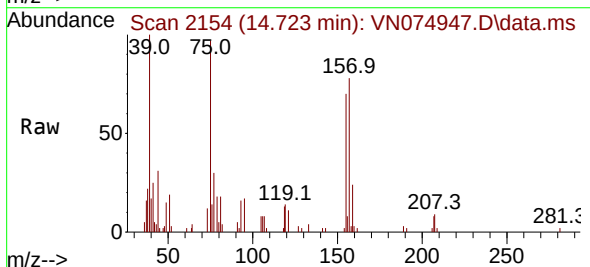
Manual Integrations
 APPROVED

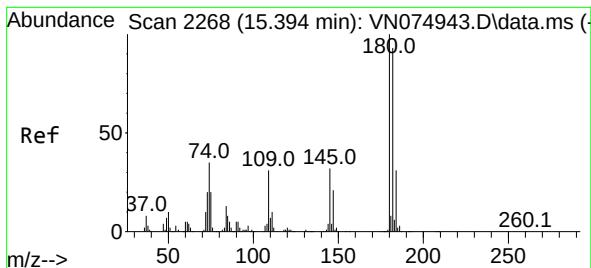
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.401 ug/l
 RT: 14.723 min Scan# 2154
 Delta R.T. -0.000 min
 Lab File: VN074947.D
 Acq: 20 Oct 2022 17:16

Tgt Ion: 75 Resp: 17717
 Ion Ratio Lower Upper
 75 100
 155 74.2 39.6 118.8
 157 78.8 47.8 143.4





#93

1,2,4-Trichlorobenzene

Concen: 5.145 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN074947.D

Acq: 20 Oct 2022 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:180 Resp: 4193

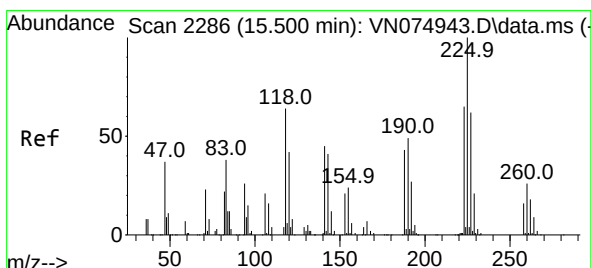
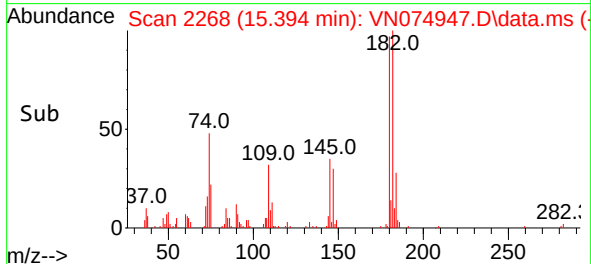
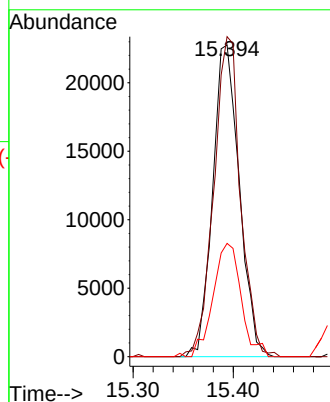
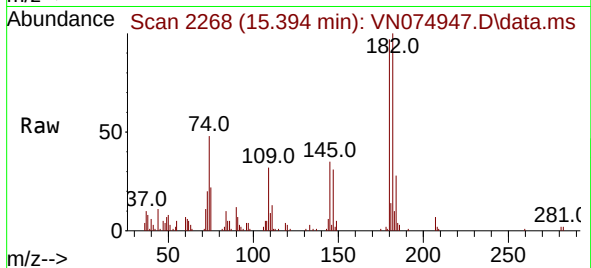
Ion	Ratio	Lower	Upper
180	100		
182	102.9	46.6	139.7
145	38.3	16.7	50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#94

Hexachlorobutadiene

Concen: 5.227 ug/l

RT: 15.506 min Scan# 2287

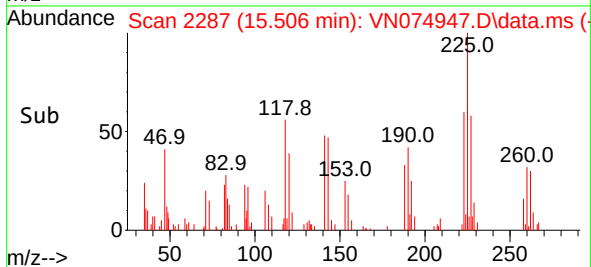
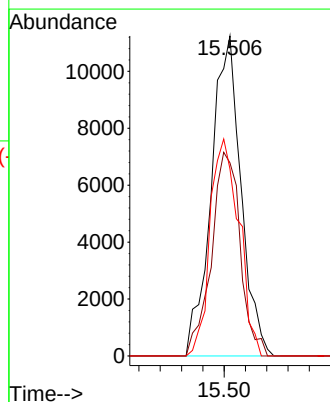
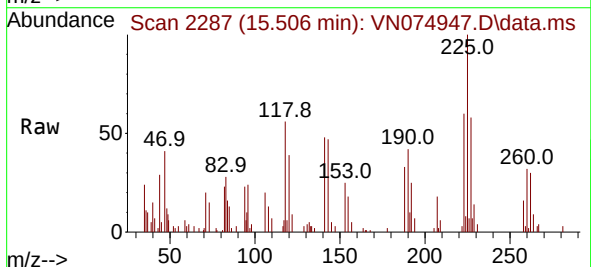
Delta R.T. 0.006 min

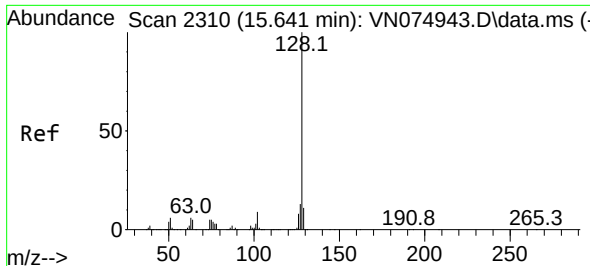
Lab File: VN074947.D

Acq: 20 Oct 2022 17:16

Tgt Ion:225 Resp: 21787

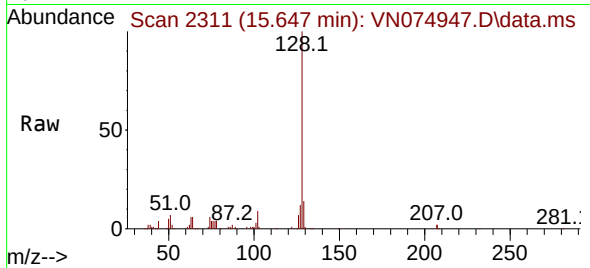
Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.9	95.5
227	66.0	31.4	94.0





#95
Naphthalene
Concen: 5.679 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

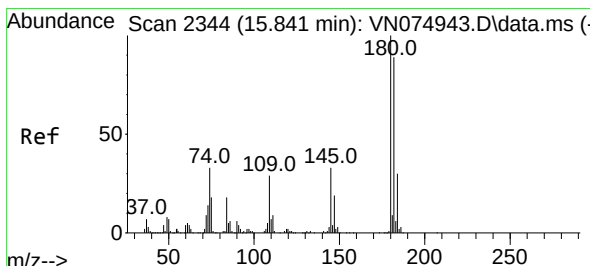
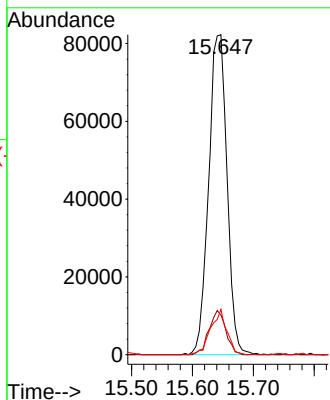
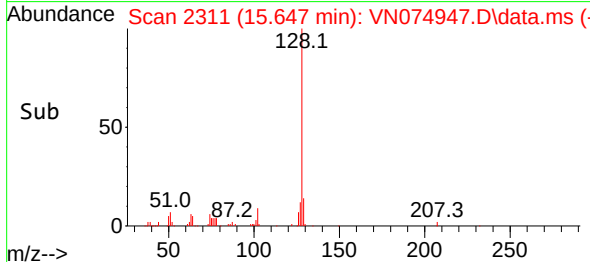
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 17276
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 12.4 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 5.249 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074947.D
Acq: 20 Oct 2022 17:16

Tgt Ion:180 Resp: 43623
Ion Ratio Lower Upper
180 100
182 103.2 46.7 140.1
145 40.0 17.2 51.5

