

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074975.D
 Acq On : 21 Oct 2022 20:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

Quant Time: Oct 22 02:56:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	468814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	860130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	988262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	759233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	631559	50.703	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.400%			
35) Dibromofluoromethane	8.177	113	494908	48.341	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.680%			
50) Toluene-d8	10.571	98	2007488	51.107	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.220%			
62) 4-Bromofluorobenzene	12.853	95	787964	56.870	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	303509	41.415	ug/l	93
3) Chloromethane	2.377	50	424187	57.124	ug/l	94
4) Vinyl Chloride	2.524	62	593875	52.533	ug/l	95
5) Bromomethane	2.942	94	458543	50.121	ug/l	93
6) Chloroethane	3.118	64	455523	53.152	ug/l	96
7) Trichlorofluoromethane	3.501	101	603357	50.075	ug/l	93
8) Diethyl Ether	3.971	74	257545	46.355	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	350985	49.205	ug/l	98
10) Methyl Iodide	4.601	142	517515	49.371	ug/l	99
11) Tert butyl alcohol	5.542	59	633472	240.549	ug/l	100
12) 1,1-Dichloroethene	4.348	96	328862	51.255	ug/l	94
13) Acrolein	4.195	56	371087	289.973	ug/l	96
14) Allyl chloride	5.030	41	469430	41.153	ug/l	90
15) Acrylonitrile	5.736	53	1334562	250.523	ug/l	99
16) Acetone	4.442	43	1095464	258.257	ug/l	98
17) Carbon Disulfide	4.724	76	625468	47.403	ug/l	98
18) Methyl Acetate	5.042	43	773275	48.883	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	1517401	50.171	ug/l	95
20) Methylene Chloride	5.289	84	425340	50.756	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	375933	49.689	ug/l	87
22) Diisopropyl ether	6.689	45	1303077	49.920	ug/l	99
23) Vinyl Acetate	6.618	43	5401988m	262.896	ug/l	
24) 1,1-Dichloroethane	6.583	63	797483	49.408	ug/l	98
25) 2-Butanone	7.494	43	1821079	239.995	ug/l	95
26) 2,2-Dichloropropane	7.500	77	645287	42.302	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	495791	47.382	ug/l	97
28) Bromochloromethane	7.824	49	342232	50.884	ug/l	97
29) Tetrahydrofuran	7.847	42	1183840	252.962	ug/l	100
30) Chloroform	7.971	83	882858	48.407	ug/l	99
31) Cyclohexane	8.265	56	550267	43.240	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	764390	46.579	ug/l	99
36) 1,1-Dichloropropene	8.377	75	569070	44.137	ug/l	98
37) Ethyl Acetate	7.571	43	706839	46.558	ug/l	99
38) Carbon Tetrachloride	8.371	117	639055	45.532	ug/l	96
39) Methylcyclohexane	9.606	83	671418	43.952	ug/l	97
40) Benzene	8.612	78	1816590	45.702	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	361084	47.386	ug/l	98
42) 1,2-Dichloroethane	8.677	62	702605	46.696	ug/l	99
43) Isopropyl Acetate	8.694	43	1165908	49.513	ug/l	99
44) Trichloroethene	9.359	130	436078	44.699	ug/l	94
45) 1,2-Dichloropropane	9.624	63	487008	47.537	ug/l	94
46) Dibromomethane	9.712	93	343314	45.826	ug/l	99
47) Bromodichloromethane	9.894	83	721495	47.673	ug/l	97
48) Methyl methacrylate	9.683	41	502698	48.823	ug/l	98
49) 1,4-Dioxane	9.700	88	284957	957.214	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	3923213	251.523	ug/l	100
52) Toluene	10.630	92	1253535	48.330	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	782064	52.378	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	787050	47.666	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	544776	50.052	ug/l	98
56) Ethyl methacrylate	10.877	69	865915	52.830	ug/l	95
57) 1,3-Dichloropropane	11.165	76	896435	48.513	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1659313	225.471	ug/l	100
59) 2-Hexanone	11.200	43	3035446	256.606	ug/l	99
60) Dibromochloromethane	11.359	129	600776	52.579	ug/l	97
61) 1,2-Dibromoethane	11.471	107	557044	50.758	ug/l	98
64) Tetrachloroethene	11.106	164	335669	41.536	ug/l	96
65) Chlorobenzene	11.894	112	1390156	46.522	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	534155	47.427	ug/l	98
67) Ethyl Benzene	11.965	91	2539280	47.860	ug/l	99
68) m/p-Xylenes	12.077	106	2026606	97.963	ug/l	100
69) o-Xylene	12.400	106	1026803	49.548	ug/l	99
70) Styrene	12.412	104	1735266	52.830	ug/l	99
71) Bromoform	12.582	173	423744	49.851	ug/l #	100
73) Isopropylbenzene	12.700	105	2672180	43.089	ug/l	99
74) N-amyl acetate	12.494	43	1088814	43.697	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	961080	41.497	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	937677m	45.541	ug/l	
77) Bromobenzene	12.982	156	599958	42.188	ug/l	96
78) n-propylbenzene	13.035	91	3203388	44.136	ug/l	100
79) 2-Chlorotoluene	13.129	91	1920341	42.713	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	2373740	44.313	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	327306	50.968	ug/l	88
82) 4-Chlorotoluene	13.129	91	1920341	42.713	ug/l	98
83) tert-Butylbenzene	13.441	119	2099348	44.286	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	2480269	45.842	ug/l	98
85) sec-Butylbenzene	13.618	105	3093882	46.484	ug/l	100
86) p-Isopropyltoluene	13.729	119	2558381	46.672	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	1262991	46.419	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	1273370	46.161	ug/l	98
89) n-Butylbenzene	14.059	91	2246669	47.996	ug/l	100
90) Hexachloroethane	14.335	117	472297	44.470	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	1243944	44.603	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	206971	43.010	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	549258	45.256	ug/l	97
94) Hexachlorobutadiene	15.500	225	248205	39.612	ug/l	99
95) Naphthalene	15.641	128	2389128	51.795	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	555746	45.498	ug/l	100

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

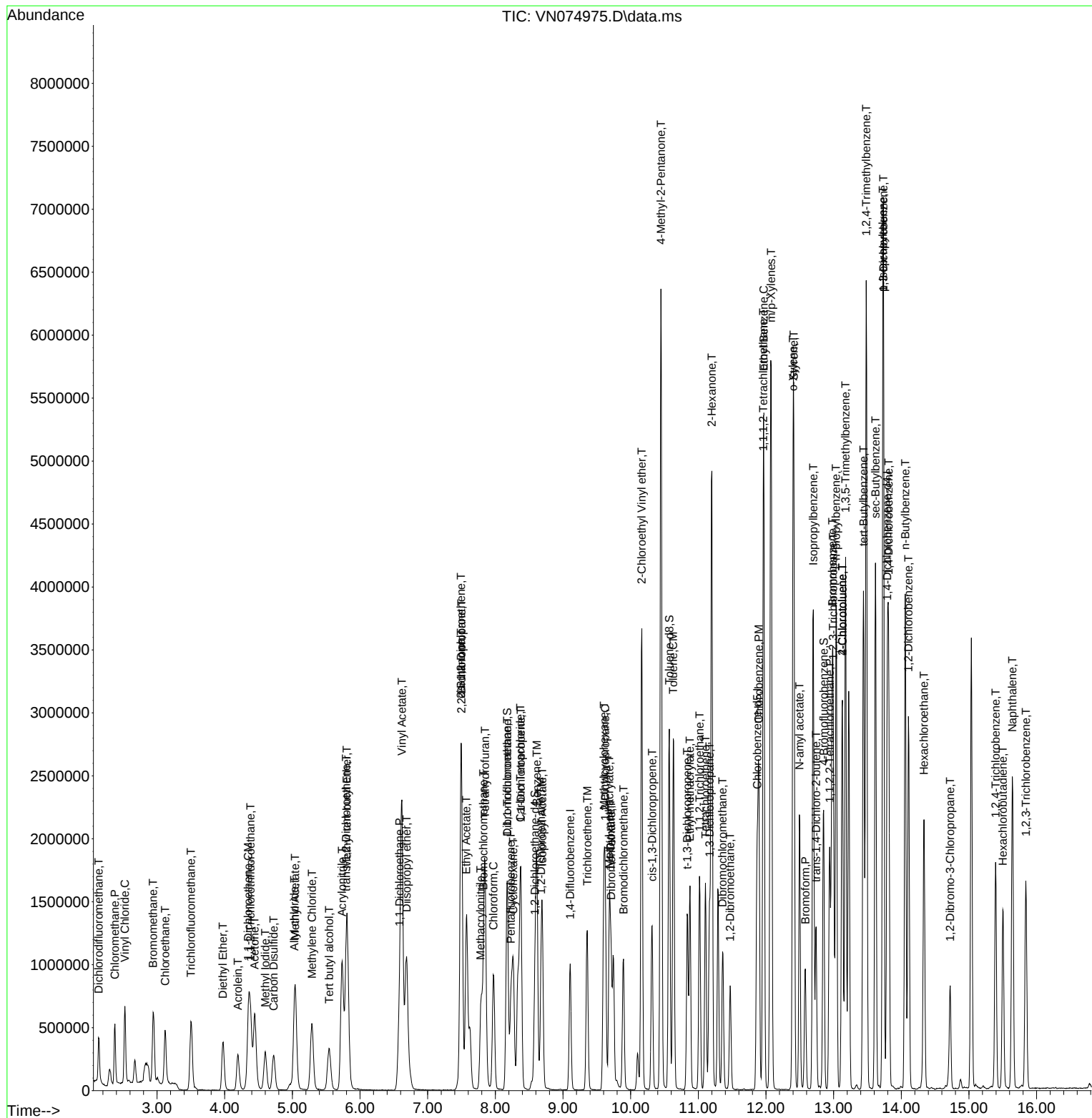
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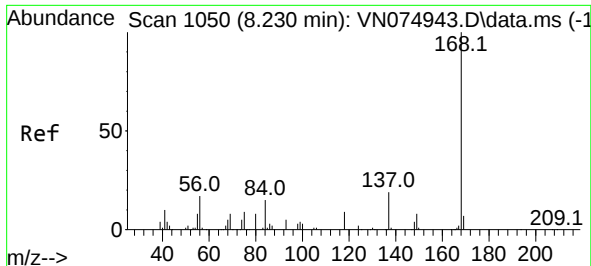
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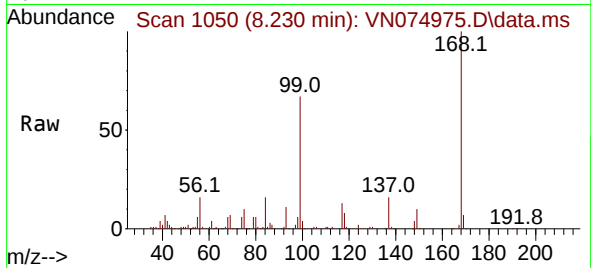
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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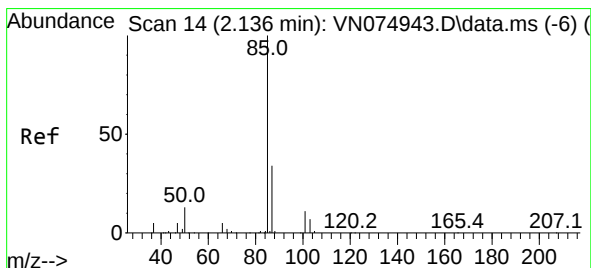
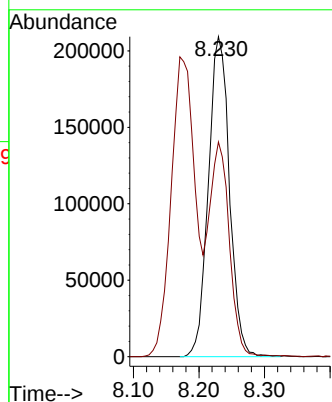
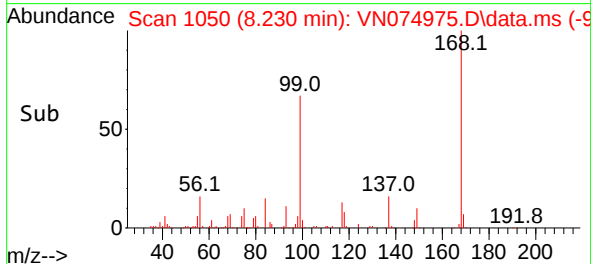
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Tgt Ion:168 Resp: 468814
Ion Ratio Lower Upper
168 100
99 66.8 52.2 78.4

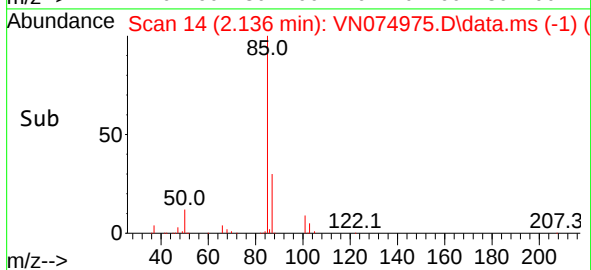
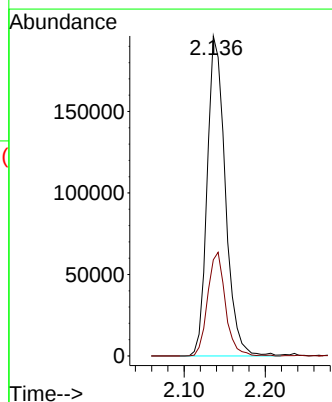
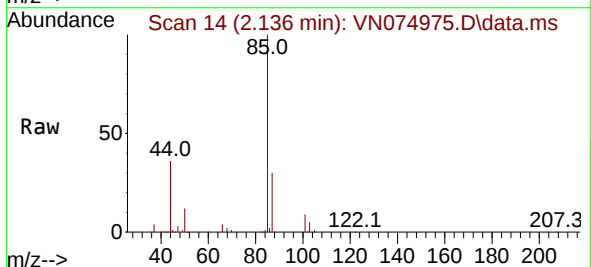
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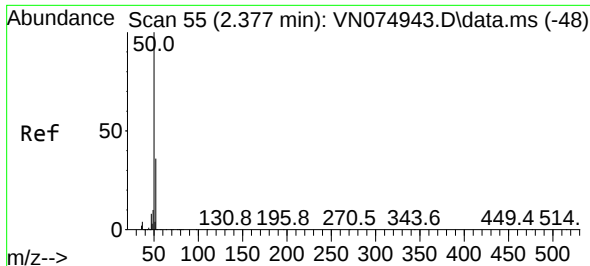
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#2
Dichlorodifluoromethane
Concen: 41.415 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

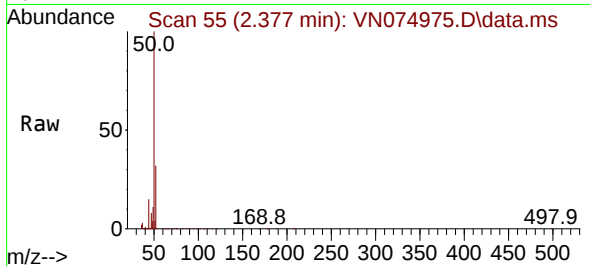
Tgt Ion: 85 Resp: 303509
Ion Ratio Lower Upper
85 100
87 30.0 17.1 51.2





#3
Chloromethane
Concen: 57.124 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

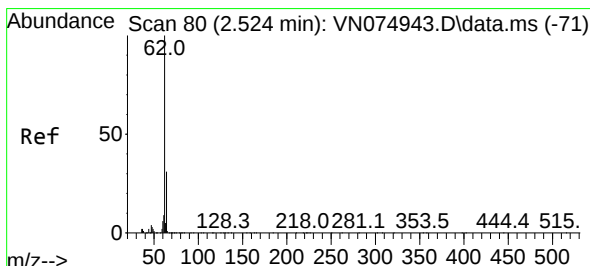
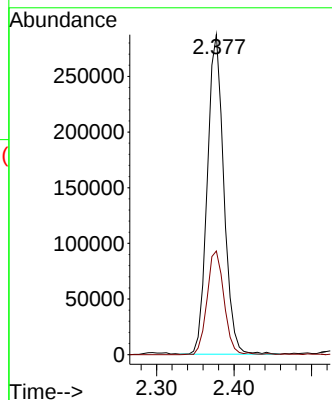
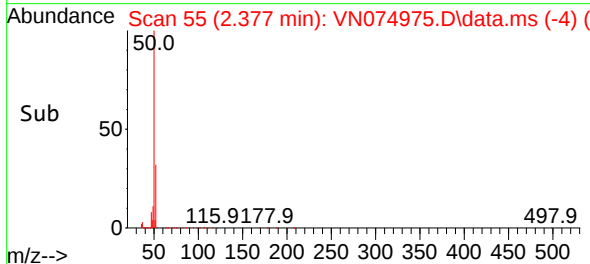
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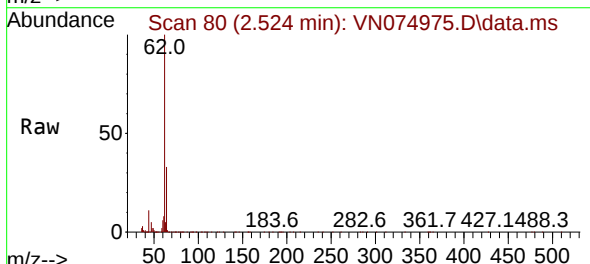
Tgt Ion: 50 Resp: 42418
Ion Ratio Lower Upper
50 100
52 32.4 28.8 43.2

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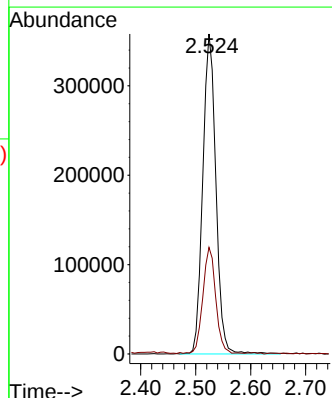
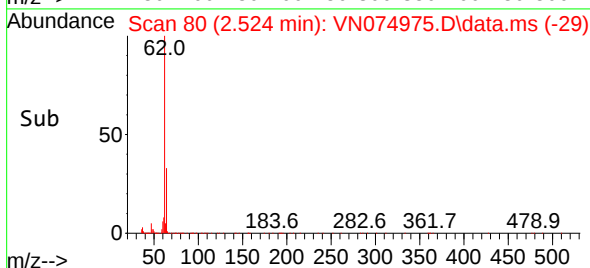
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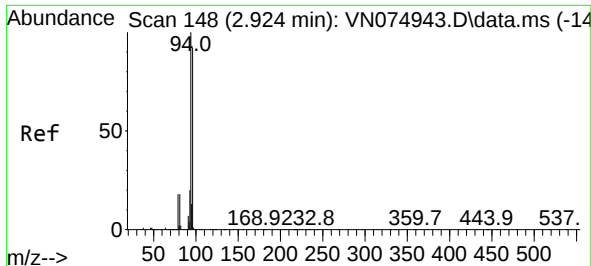


#4
Vinyl Chloride
Concen: 52.533 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37



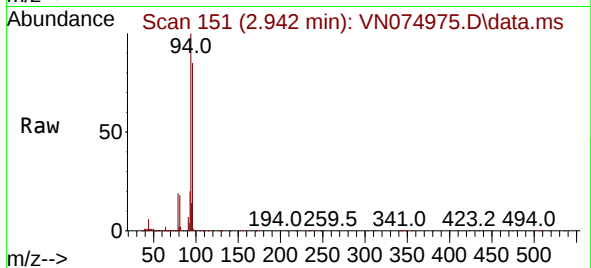
Tgt Ion: 62 Resp: 593875
Ion Ratio Lower Upper
62 100
64 33.1 24.5 36.7





#5
Bromomethane
Concen: 50.121 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN074975.D
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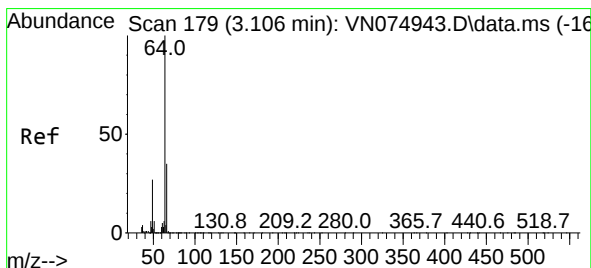
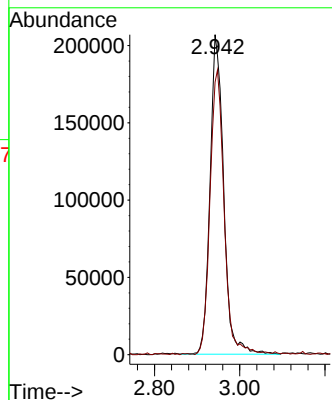
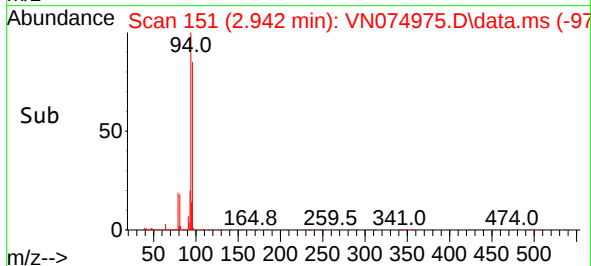
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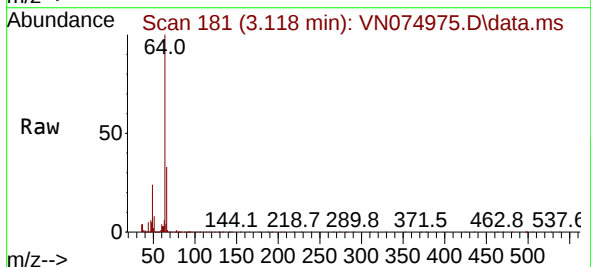
Tgt Ion: 94 Resp: 45854
Ion Ratio Lower Upper
94 100
96 85.3 73.5 110.3

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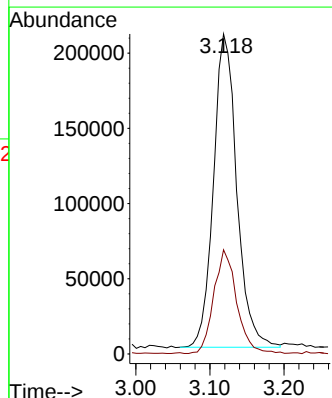
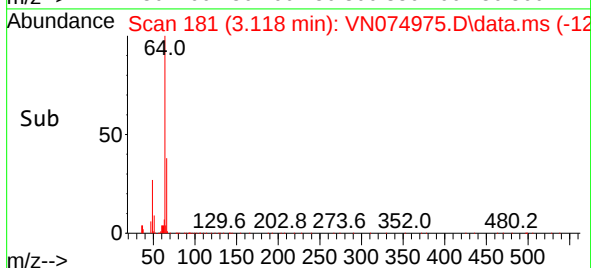
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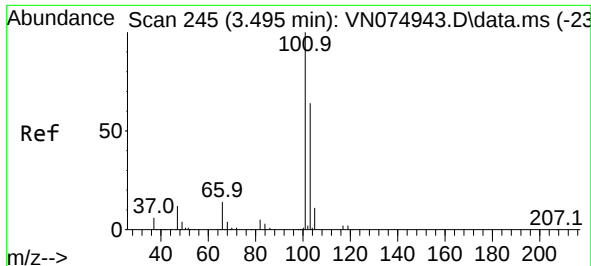


#6
Chloroethane
Concen: 53.152 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.012 min
Lab File: VN074975.D
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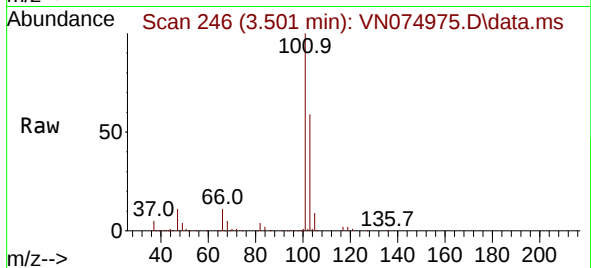
Tgt Ion: 64 Resp: 455523
Ion Ratio Lower Upper
64 100
66 32.8 27.9 41.9





#7
 Trichlorofluoromethane
 Concen: 50.075 ug/l
 RT: 3.501 min Scan# 245
 Delta R.T. 0.006 min
 Lab File: VN074975.D
 Acq: 21 Oct 2022 20:37

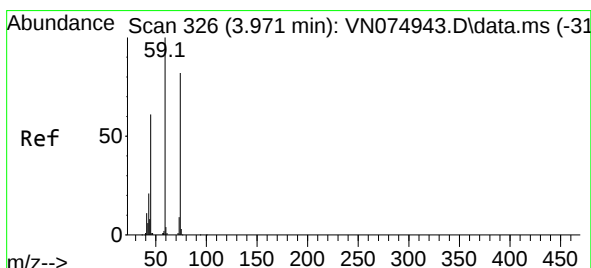
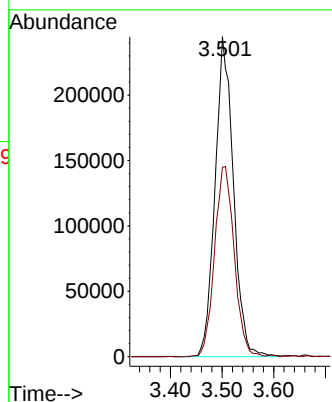
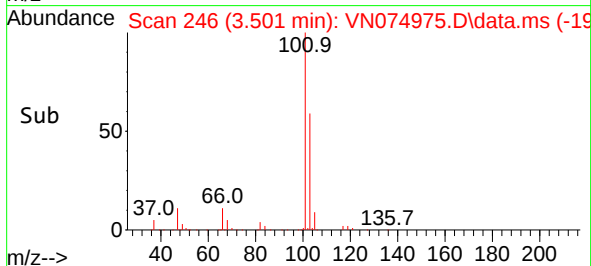
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Tgt Ion:101 Resp: 60335
 Ion Ratio Lower Upper
 101 100
 103 59.2 51.5 77.3

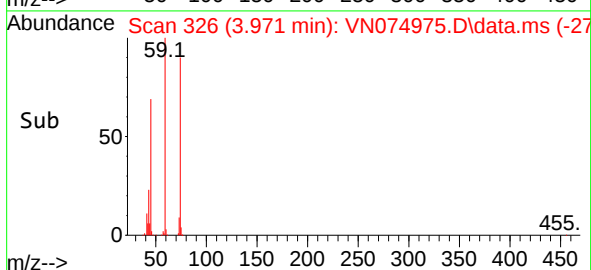
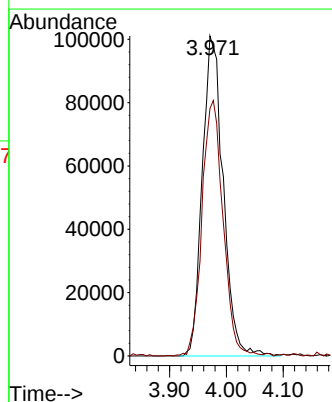
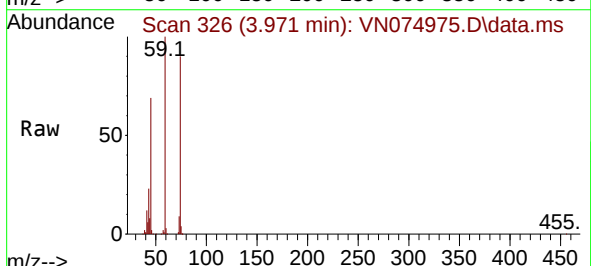
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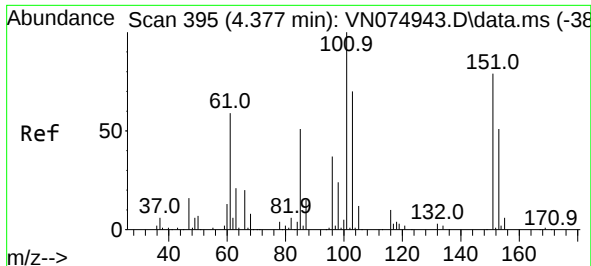
Reviewed By :John Carlone 10/24/2022
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#8
 Diethyl Ether
 Concen: 46.355 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN074975.D
 Acq: 21 Oct 2022 20:37

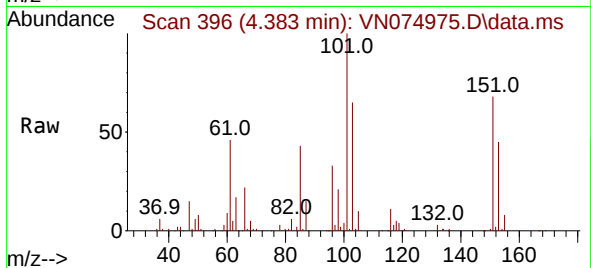
Tgt Ion: 74 Resp: 257545
 Ion Ratio Lower Upper
 74 100
 45 80.4 40.1 120.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.205 ug/l
RT: 4.383 min Scan# 395
Delta R.T. 0.006 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

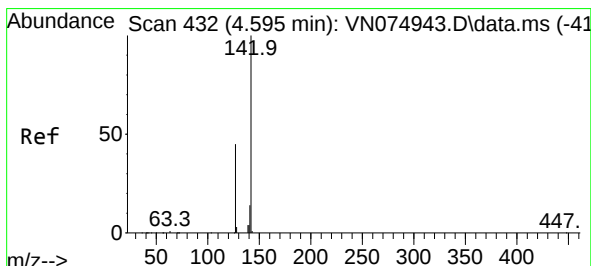
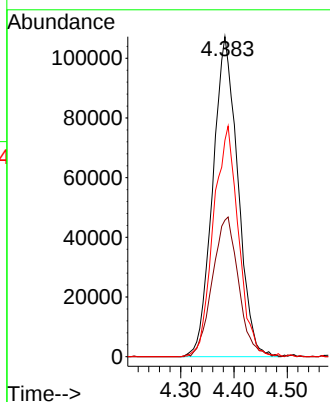
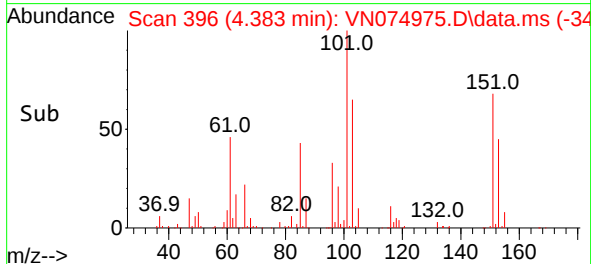
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 35098
Ion Ratio Lower Upper
101 100
85 45.6 37.8 56.8
151 71.9 58.5 87.7

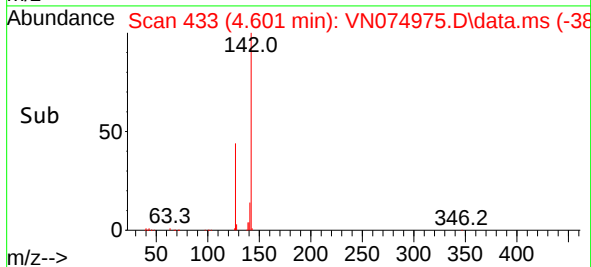
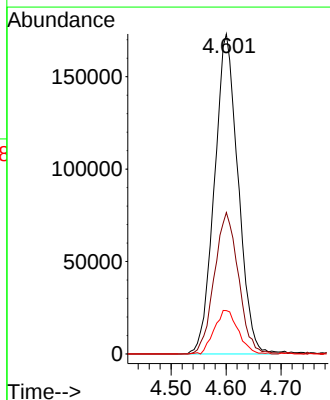
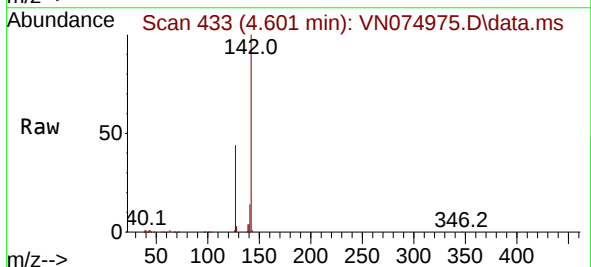
Manual Integrations
APPROVED

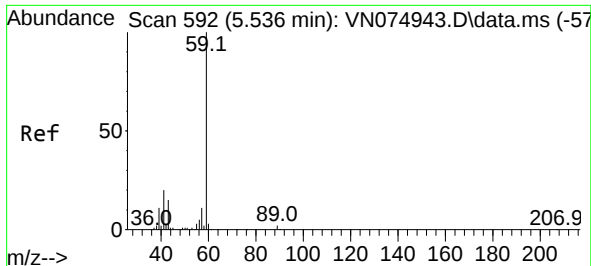
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#10
Methyl Iodide
Concen: 49.371 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.006 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

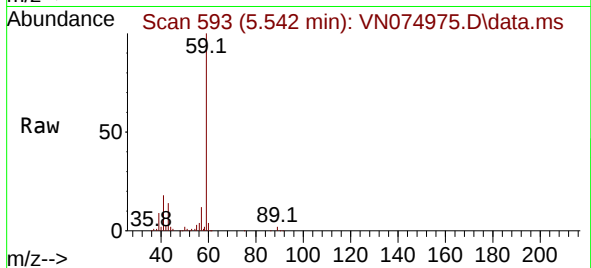
Tgt Ion:142 Resp: 517515
Ion Ratio Lower Upper
142 100
127 45.2 37.0 55.4
141 13.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 240.549 ug/l
RT: 5.542 min Scan# 59
Delta R.T. 0.006 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

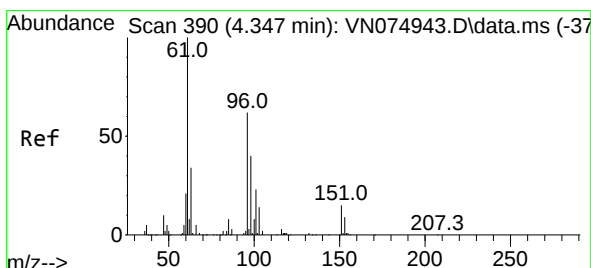
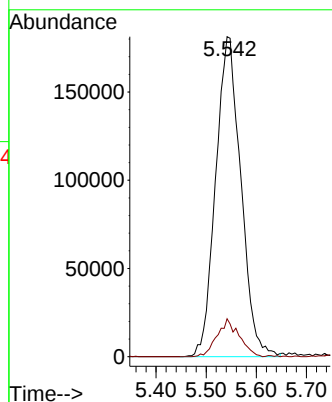
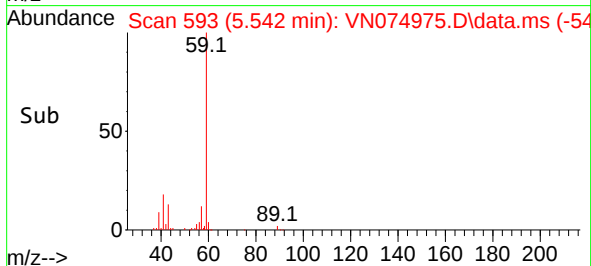
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 633472
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

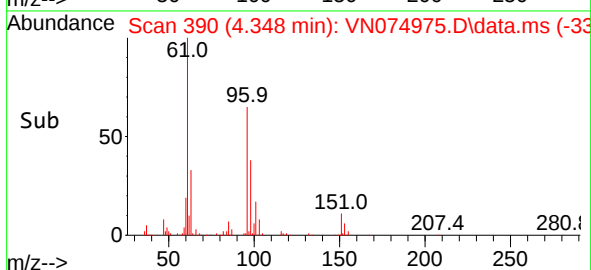
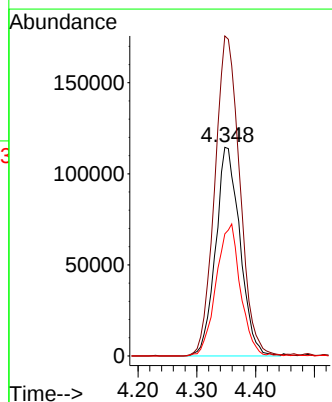
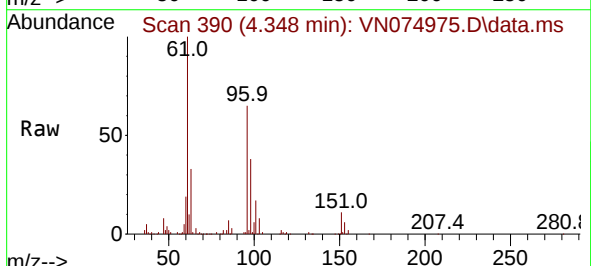
Manual Integrations
APPROVED

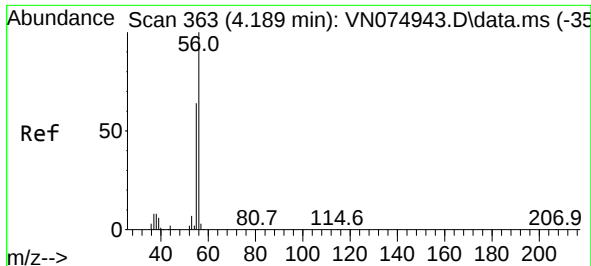
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#12
1,1-Dichloroethene
Concen: 51.255 ug/l
RT: 4.348 min Scan# 390
Delta R.T. 0.001 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

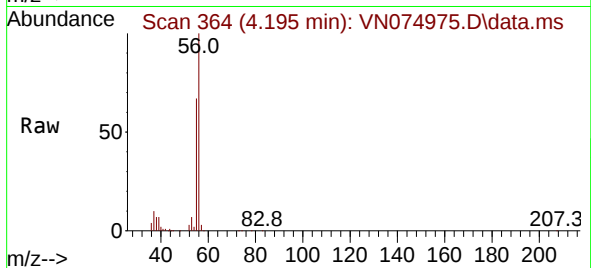
Tgt Ion: 96 Resp: 328862
Ion Ratio Lower Upper
96 100
61 153.4 128.9 193.3
98 58.5 51.8 77.8





#13
Acrolein
Concen: 289.973 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

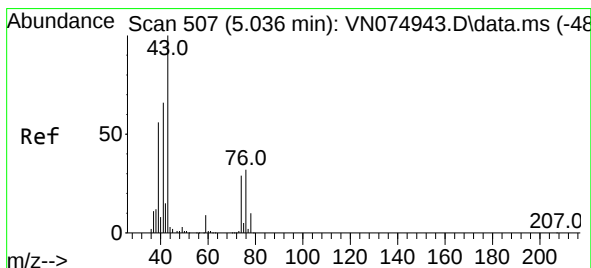
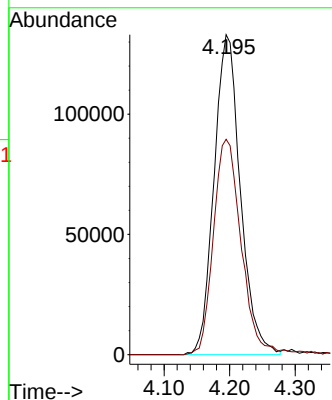
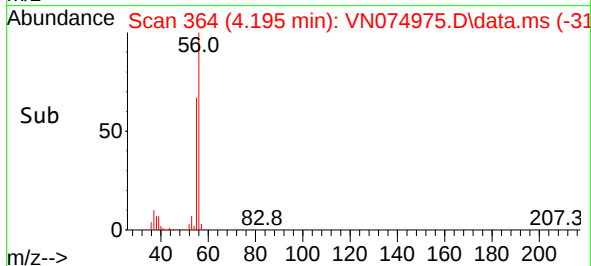
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 37108
Ion Ratio Lower Upper
56 100
55 70.3 53.7 80.5

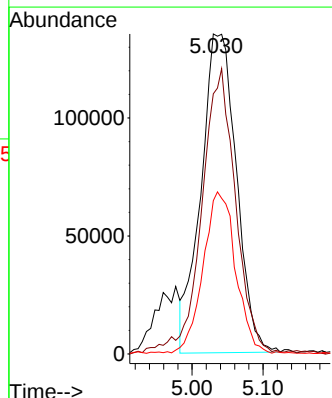
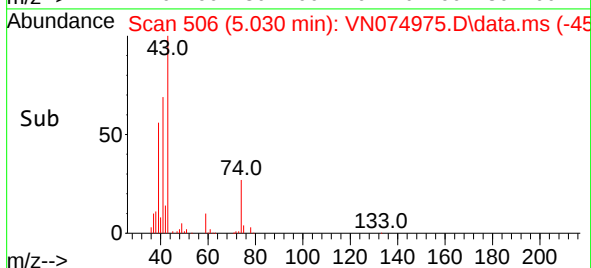
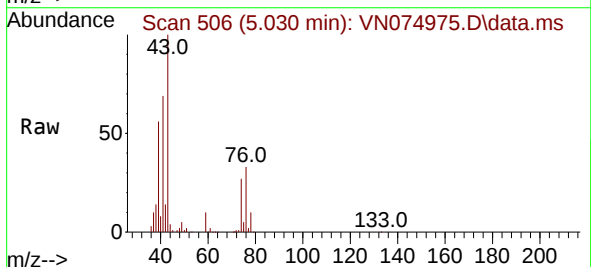
Manual Integrations
APPROVED

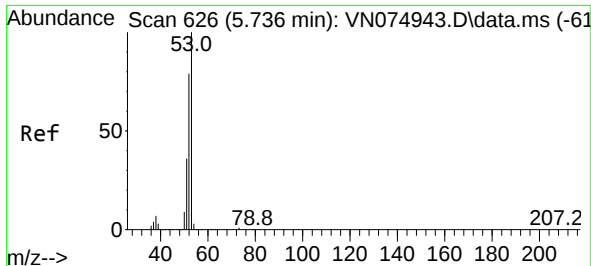
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#14
Allyl chloride
Concen: 41.153 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

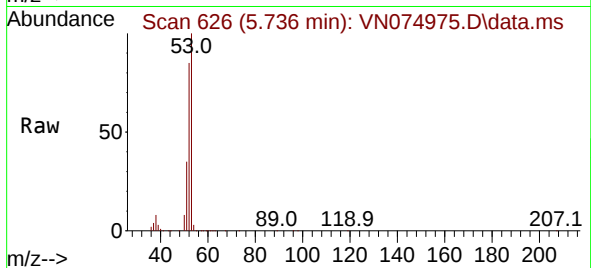
Tgt Ion: 41 Resp: 469430
Ion Ratio Lower Upper
41 100
39 85.6 60.0 90.0
76 46.2 33.7 50.5





#15
Acrylonitrile
Concen: 250.523 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

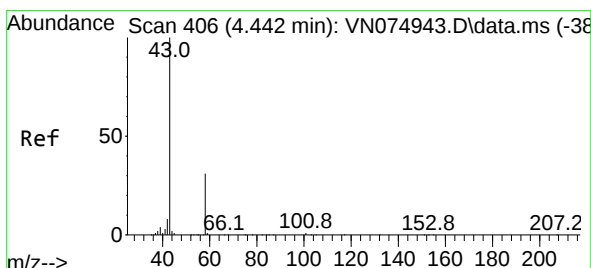
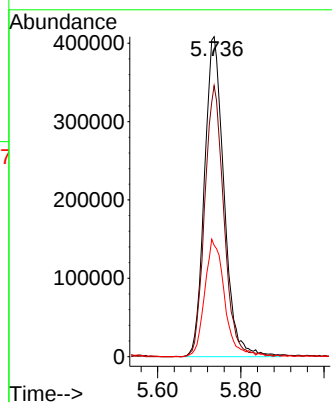
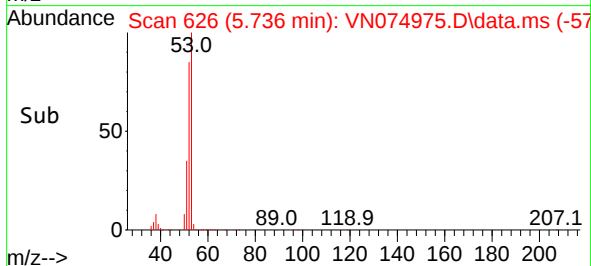
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



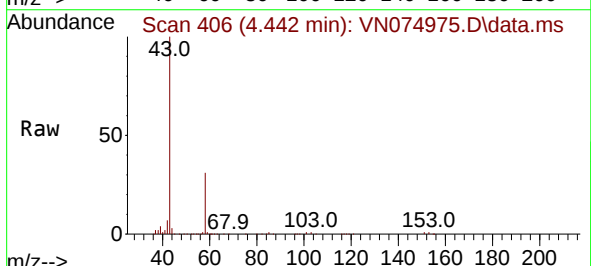
Tgt Ion: 53 Resp: 133456
Ion Ratio Lower Upper
53 100
52 83.1 66.7 100.1
51 37.3 28.8 43.2

Manual Integrations
APPROVED

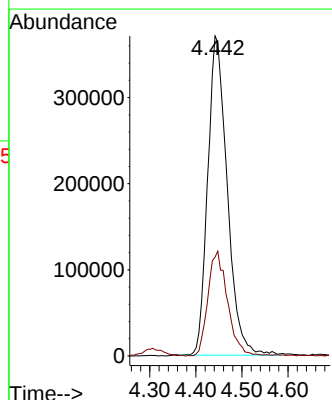
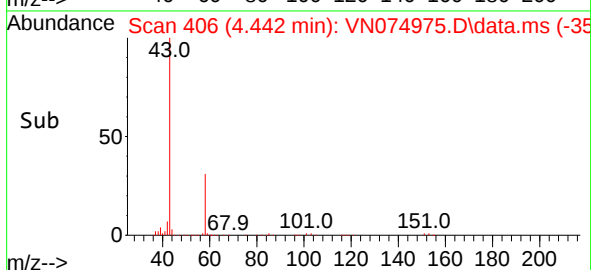
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

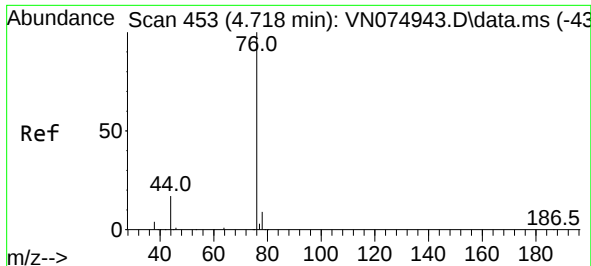


#16
Acetone
Concen: 258.257 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37



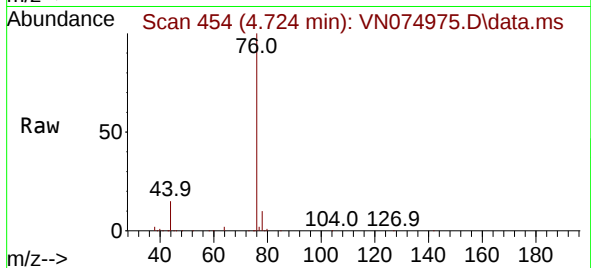
Tgt Ion: 43 Resp: 1095464
Ion Ratio Lower Upper
43 100
58 30.8 25.7 38.5





#17
Carbon Disulfide
Concen: 47.403 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

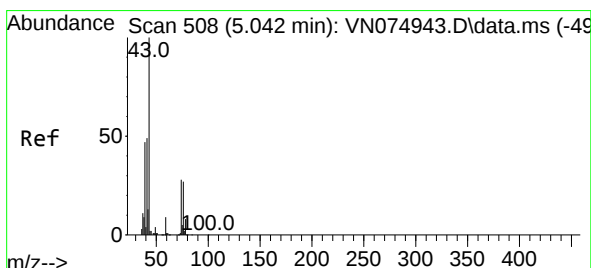
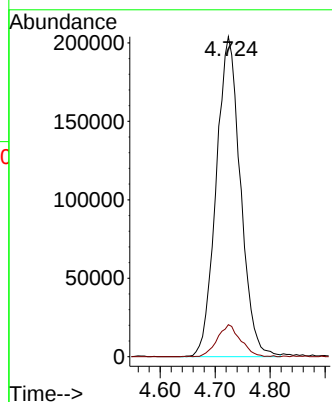
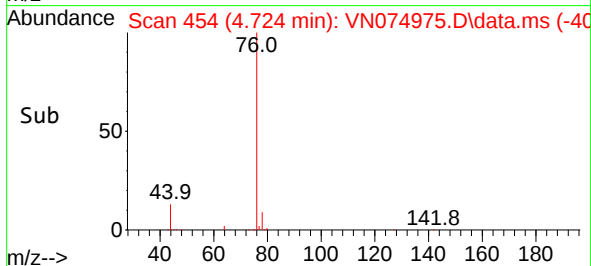
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 625468
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2

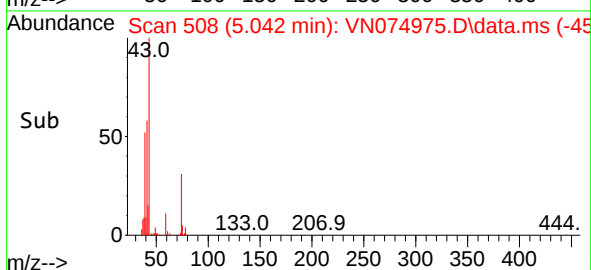
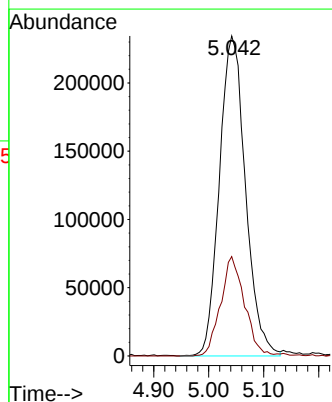
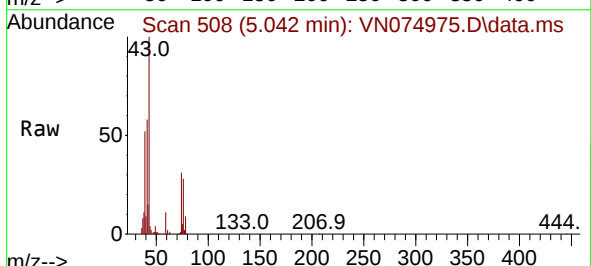
Manual Integrations
APPROVED

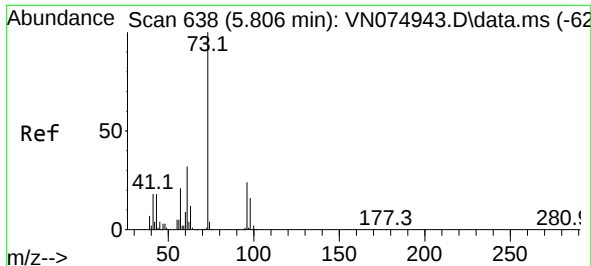
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#18
Methyl Acetate
Concen: 48.883 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

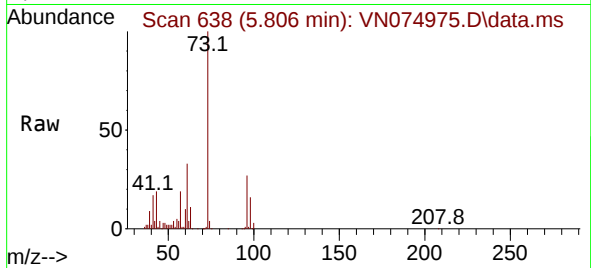
Tgt Ion: 43 Resp: 773275
Ion Ratio Lower Upper
43 100
74 28.3 23.1 34.7





#19
Methyl tert-butyl Ether
Concen: 50.171 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

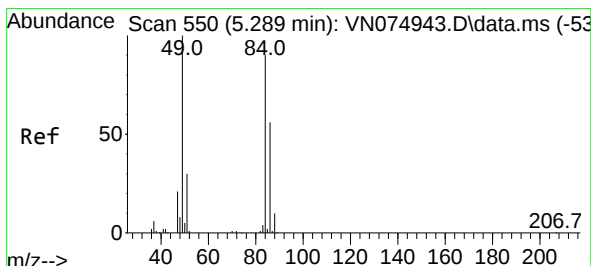
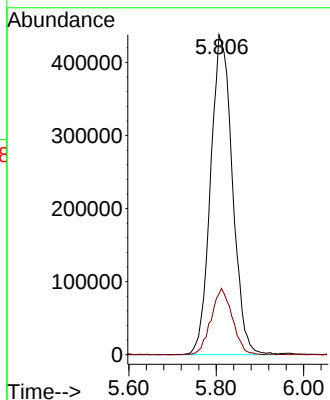
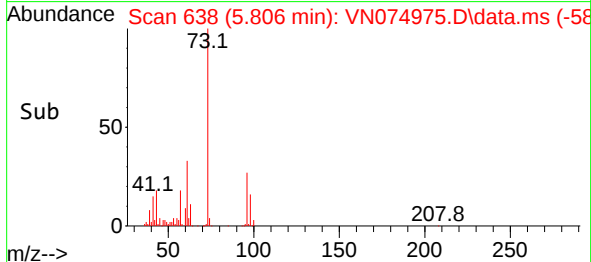
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 151740
Ion Ratio Lower Upper
73 100
57 18.9 16.9 25.3

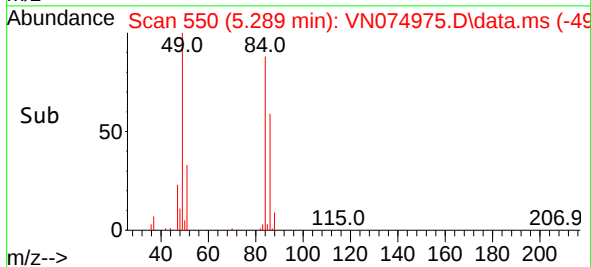
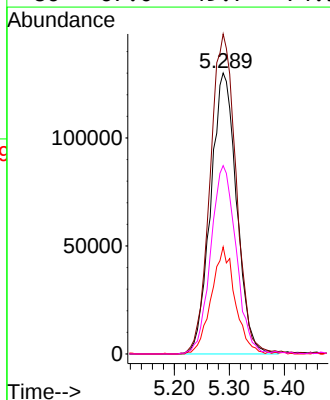
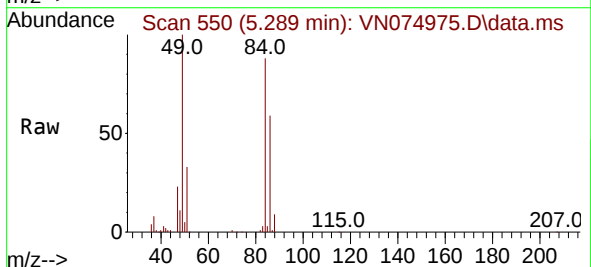
Manual Integrations
APPROVED

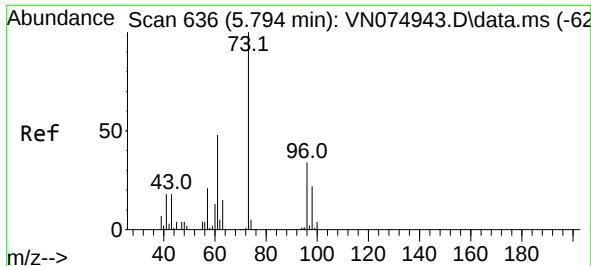
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#20
Methylene Chloride
Concen: 50.756 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

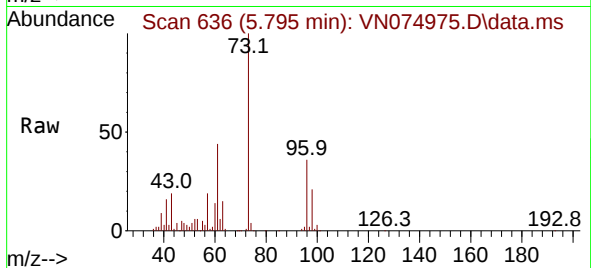
Tgt Ion: 84 Resp: 425340
Ion Ratio Lower Upper
84 100
49 113.9 88.6 133.0
51 38.1 26.7 40.1
86 67.0 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 49.689 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

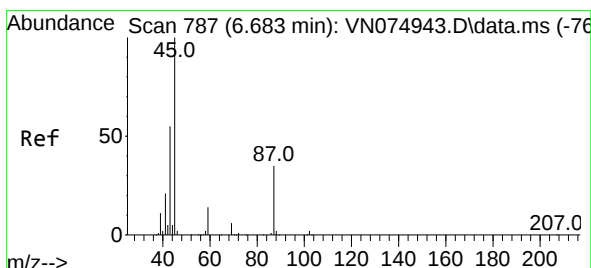
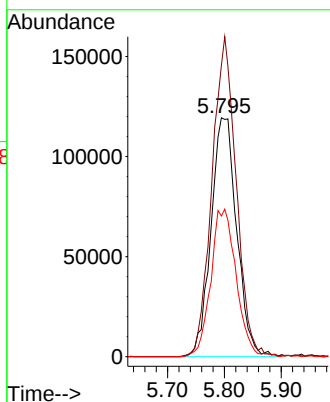
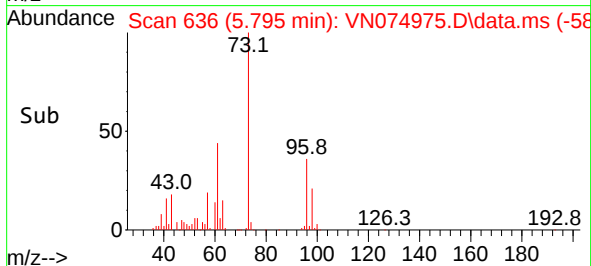
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 37593
Ion Ratio Lower Upper
96 100
61 122.0 112.6 169.0
98 58.9 52.4 78.6

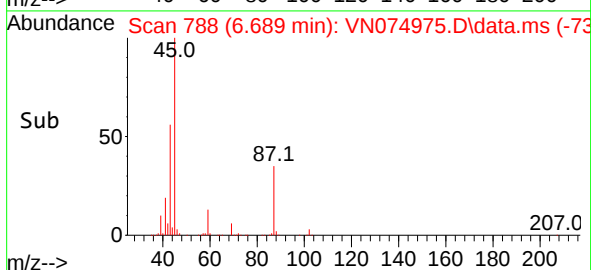
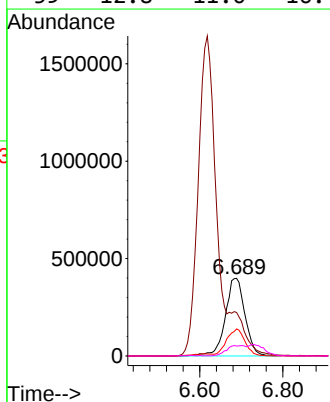
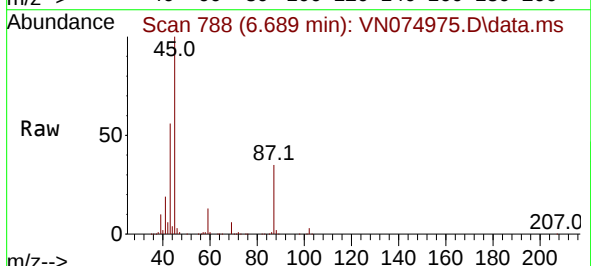
Manual Integrations
APPROVED

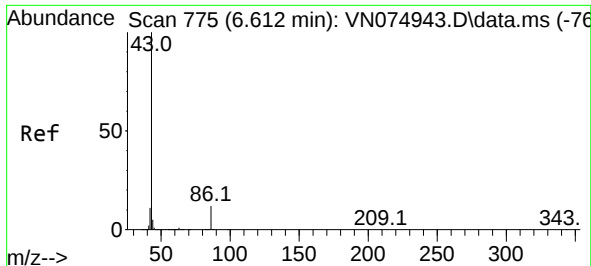
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#22
Diisopropyl ether
Concen: 49.920 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

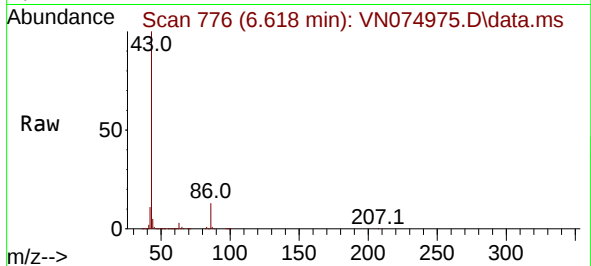
Tgt Ion: 45 Resp: 1303077
Ion Ratio Lower Upper
45 100
43 55.9 44.9 67.3
87 34.5 28.0 42.0
59 12.8 11.0 16.4





#23
 Vinyl Acetate
 Concen: 262.896 ug/l m
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN074975.D
 Acq: 21 Oct 2022 20:37

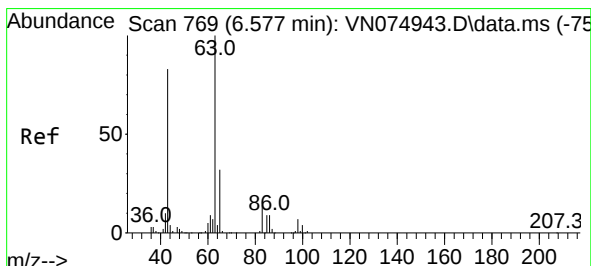
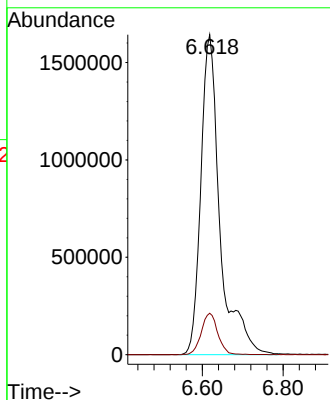
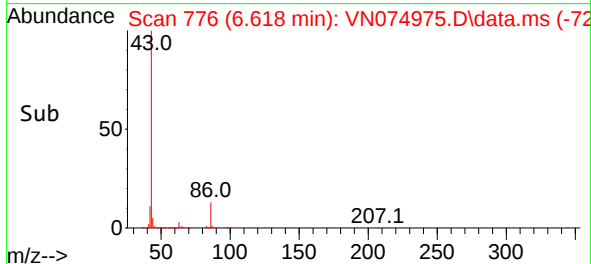
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 540198
 Ion Ratio Lower Upper
 43 100
 86 13.0 9.4 14.0

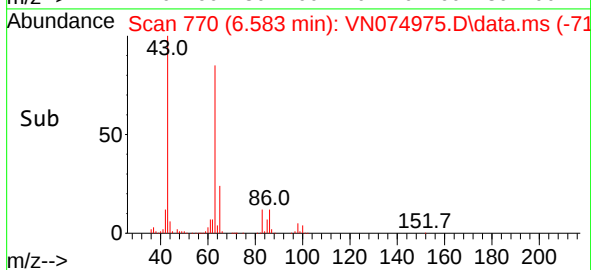
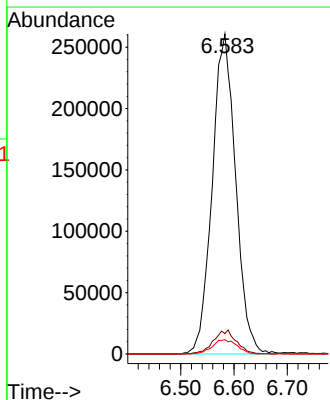
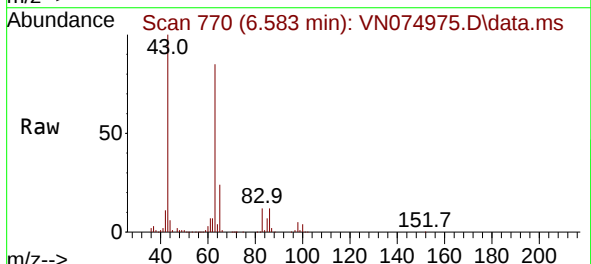
Manual Integrations
 APPROVED

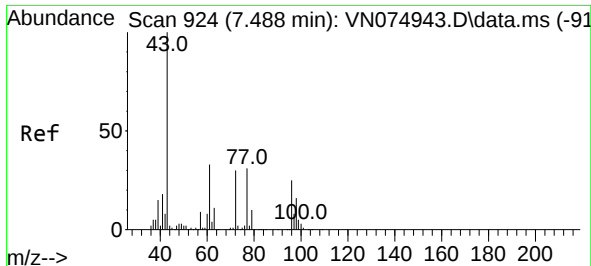
Reviewed By :John Carlone 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#24
 1,1-Dichloroethane
 Concen: 49.408 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN074975.D
 Acq: 21 Oct 2022 20:37

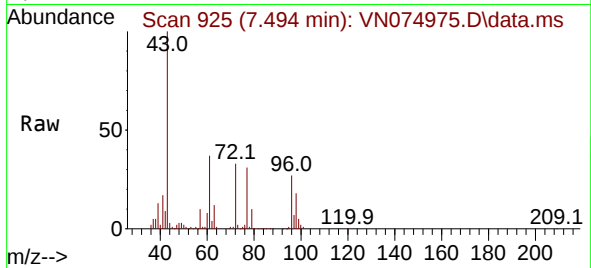
Tgt Ion: 63 Resp: 797483
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.7 11.1
 100 4.4 2.0 6.0





#25
2-Butanone
Concen: 239.995 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

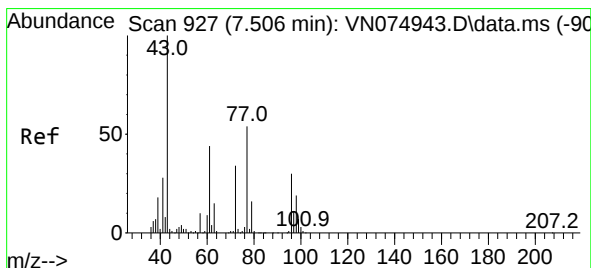
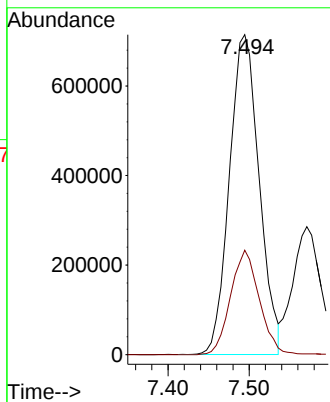
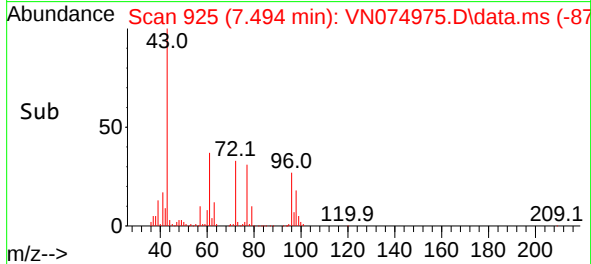
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1821079
Ion Ratio Lower Upper
43 100
72 32.7 23.9 35.9

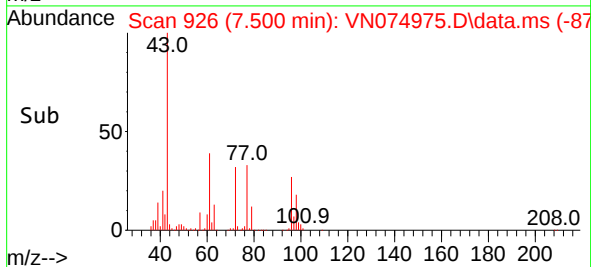
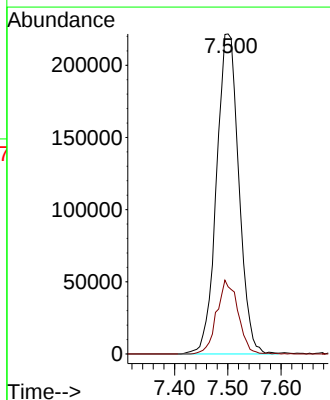
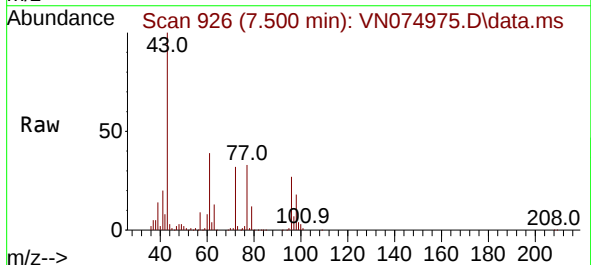
Manual Integrations
APPROVED

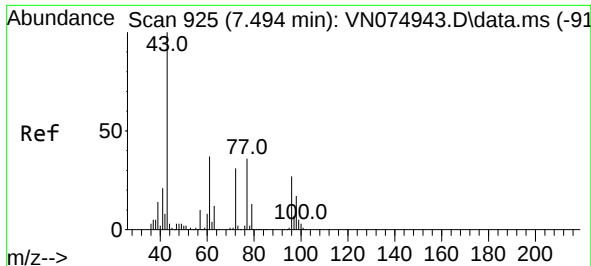
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#26
2,2-Dichloropropane
Concen: 42.302 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.006 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

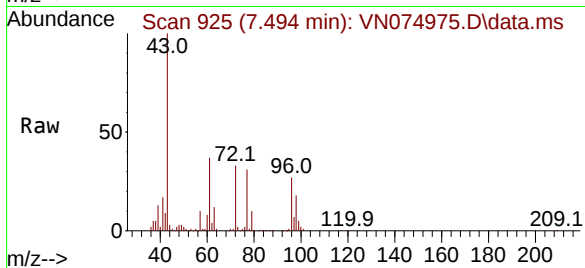
Tgt Ion: 77 Resp: 645287
Ion Ratio Lower Upper
77 100
97 22.0 11.3 33.8





#27
cis-1,2-Dichloroethene
Concen: 47.382 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

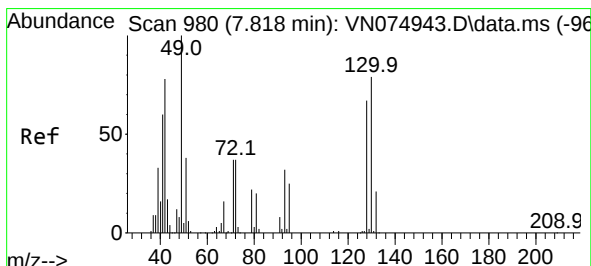
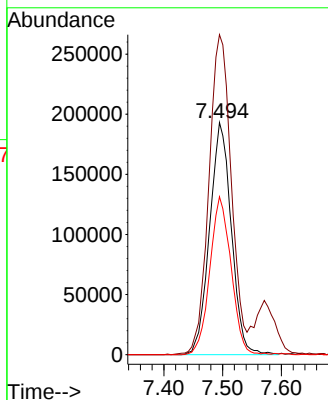
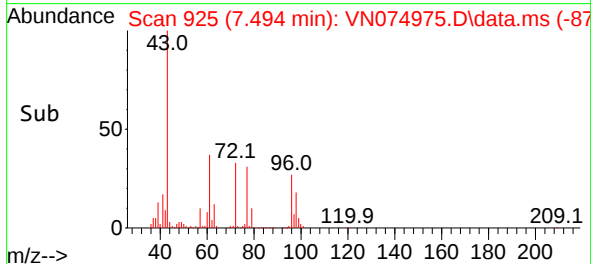
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 49579
Ion Ratio Lower Upper
96 100
61 142.1 0.0 277.8
98 66.4 0.0 127.2

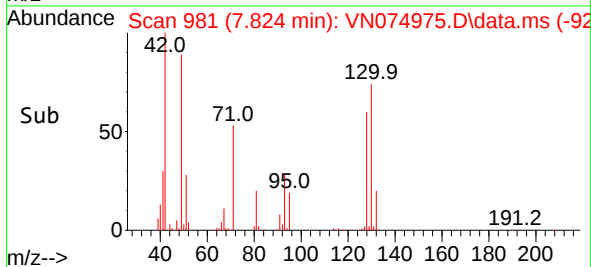
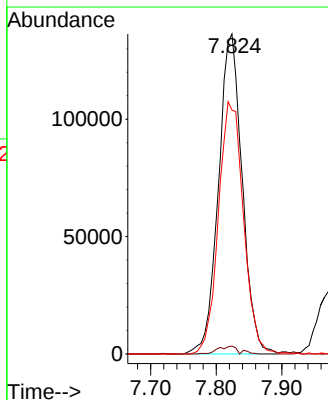
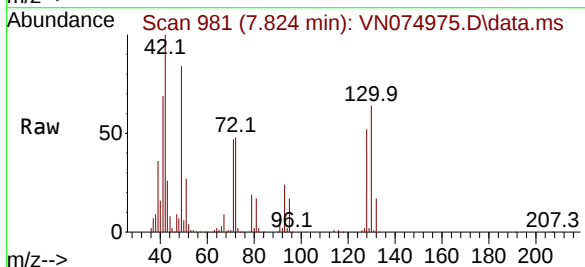
Manual Integrations
APPROVED

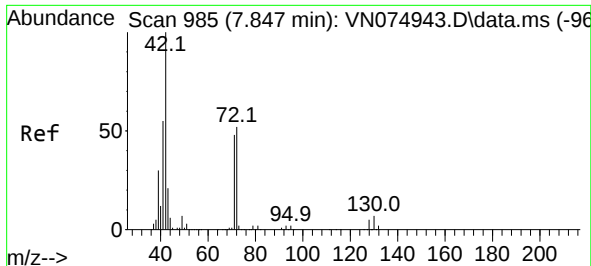
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#28
Bromochloromethane
Concen: 50.884 ug/l
RT: 7.824 min Scan# 981
Delta R.T. 0.006 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

Tgt Ion: 49 Resp: 342232
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.2
130 83.0 64.4 96.6





#29

Tetrahydrofuran

Concen: 252.962 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.000 min

Lab File: VN074975.D

Acq: 21 Oct 2022 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 118384

Ion Ratio Lower Upper

42 100

72 52.4 42.2 63.4

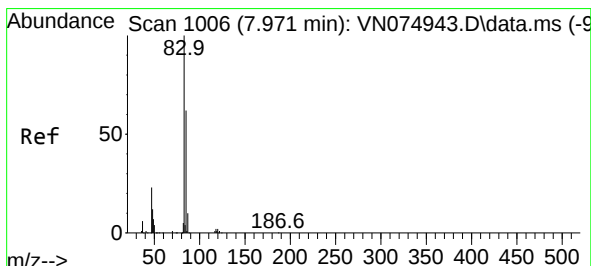
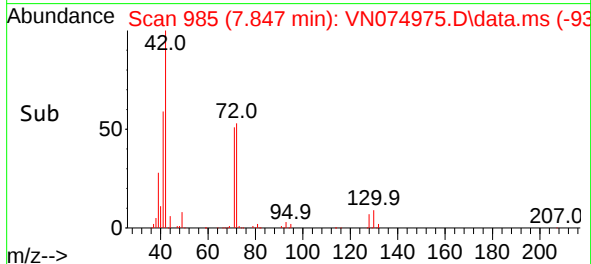
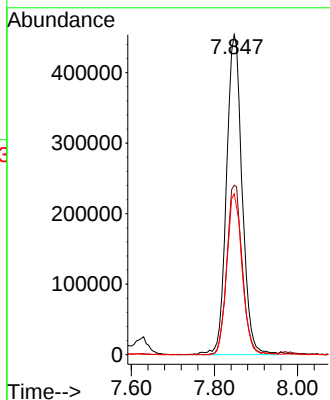
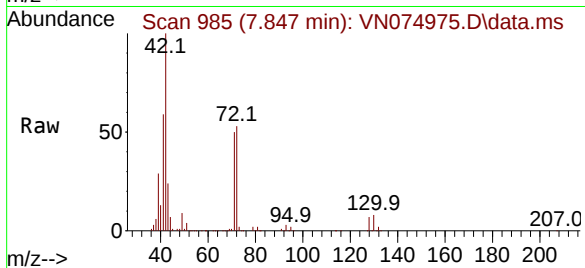
71 49.5 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#30

Chloroform

Concen: 48.407 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN074975.D

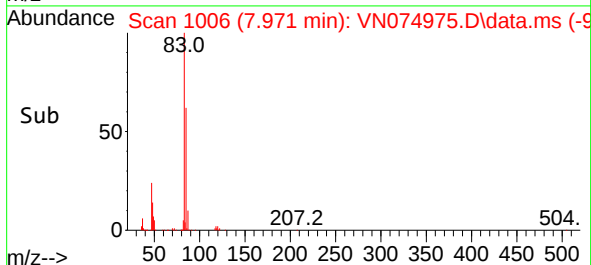
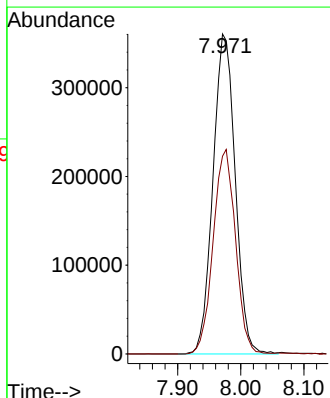
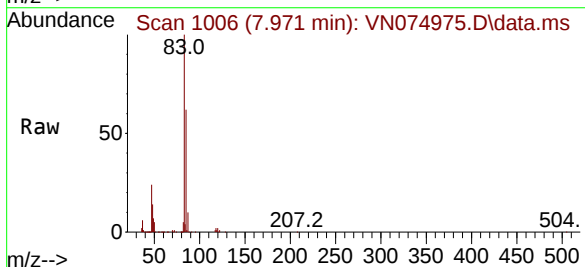
Acq: 21 Oct 2022 20:37

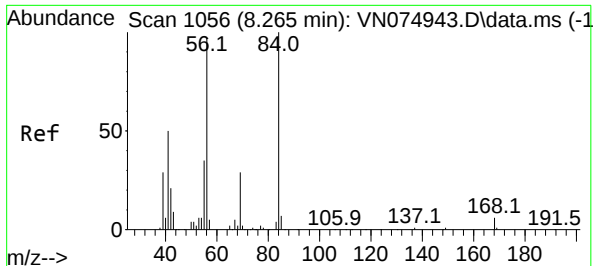
Tgt Ion: 83 Resp: 882858

Ion Ratio Lower Upper

83 100

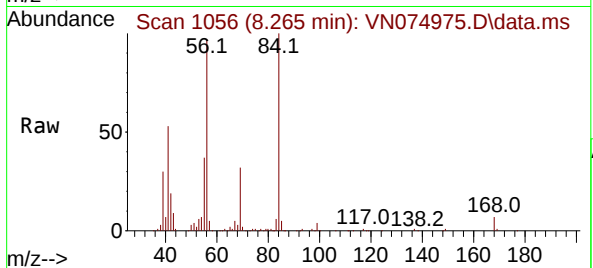
85 61.8 49.9 74.9





#31
Cyclohexane
Concen: 43.240 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

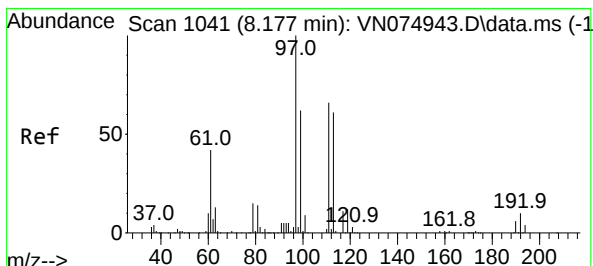
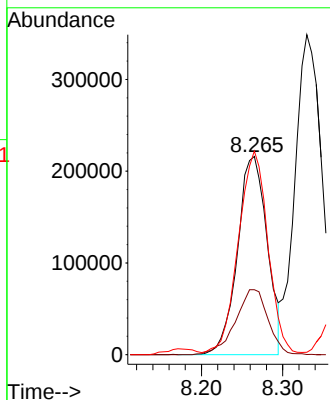
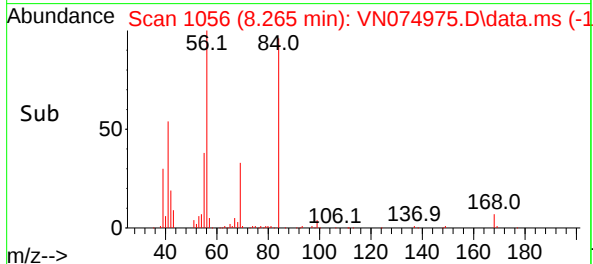
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



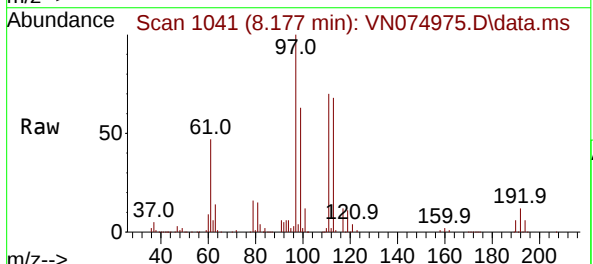
Tgt Ion: 56 Resp: 55026
Ion Ratio Lower Upper
56 100
69 32.8 24.2 36.2
84 99.7 82.8 124.2

Manual Integrations
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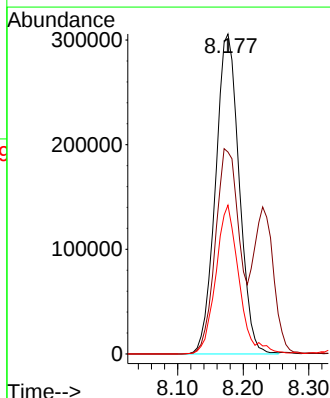
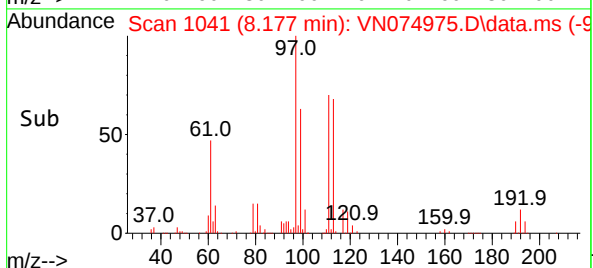
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

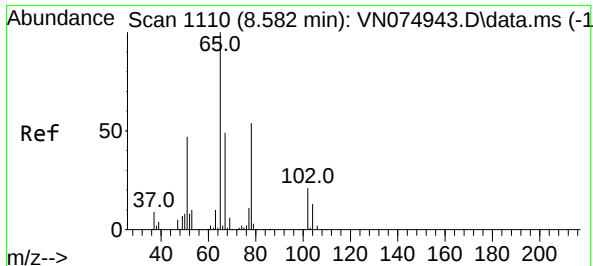


#32
1,1,1-Trichloroethane
Concen: 46.579 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37



Tgt Ion: 97 Resp: 764390
Ion Ratio Lower Upper
97 100
99 65.4 53.0 79.4
61 45.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.703 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN074975.D

Acq: 21 Oct 2022 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 63155

Ion Ratio Lower Upper

65 100

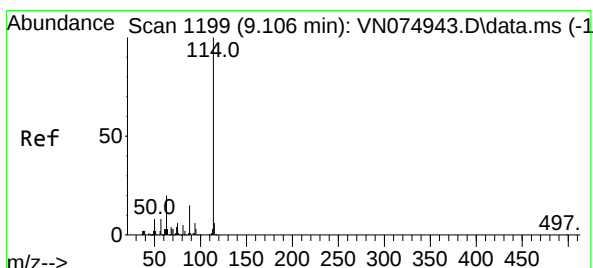
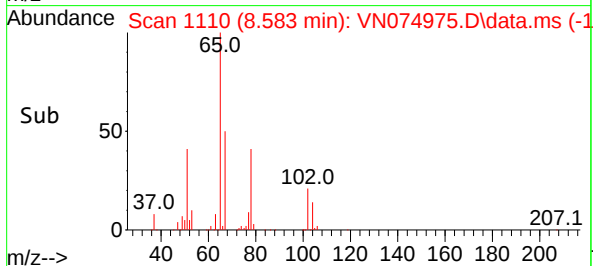
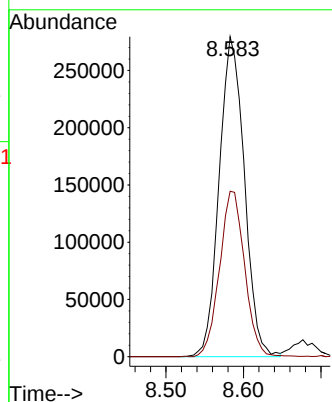
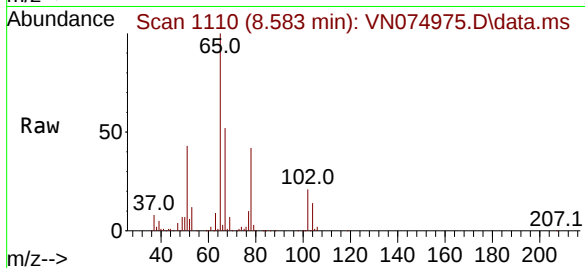
67 51.6 0.0 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074975.D

Acq: 21 Oct 2022 20:37

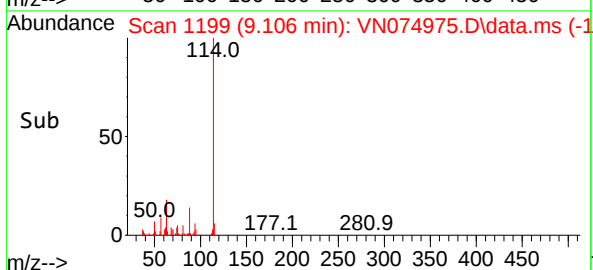
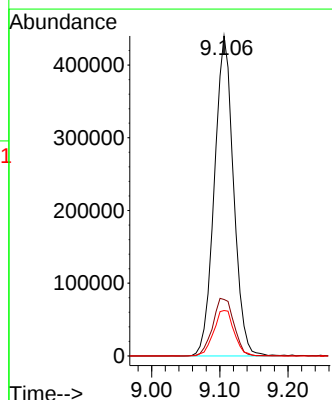
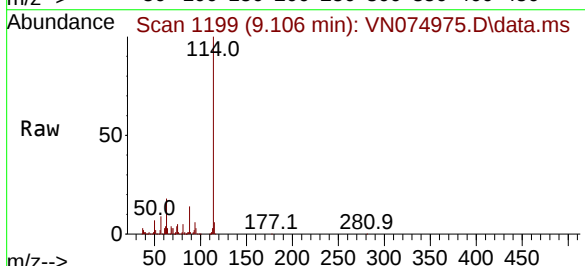
Tgt Ion:114 Resp: 860130

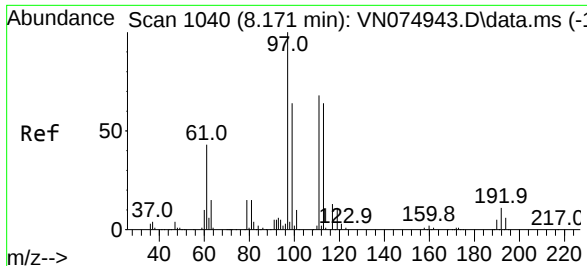
Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.8

88 14.2 0.0 30.4





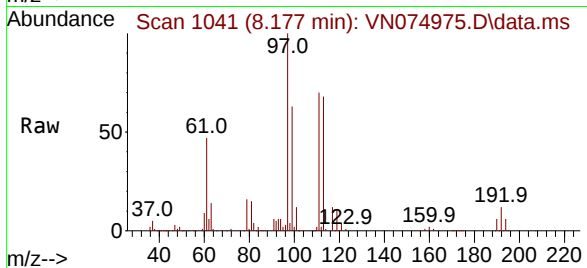
#35
Dibromofluoromethane
Concen: 48.341 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



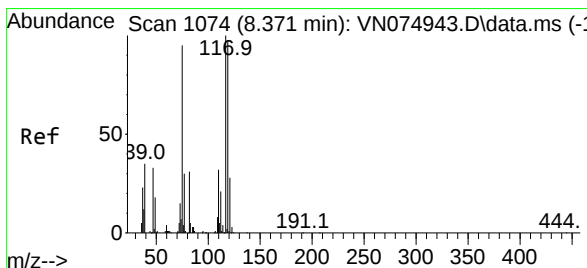
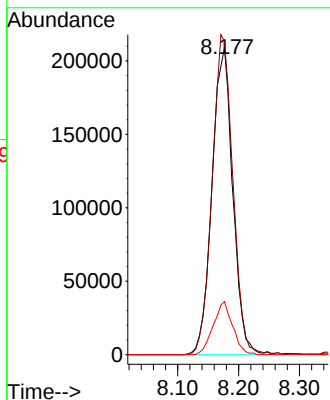
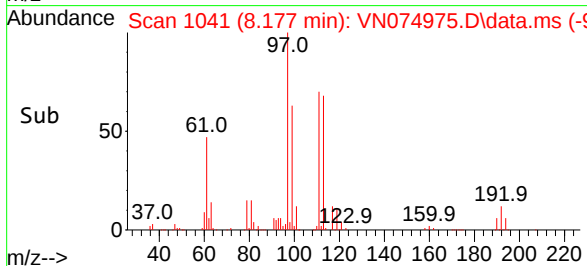
Tgt Ion: 113 Resp: 494908
Ion Ratio Lower Upper
113 100
111 104.2 83.4 125.2
192 16.2 13.3 19.9

Manual Integrations

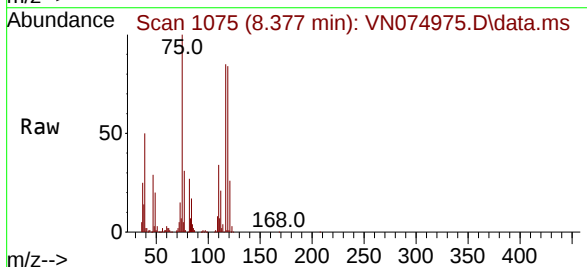
APPROVED

Reviewed By :John Carlone 10/24/2022

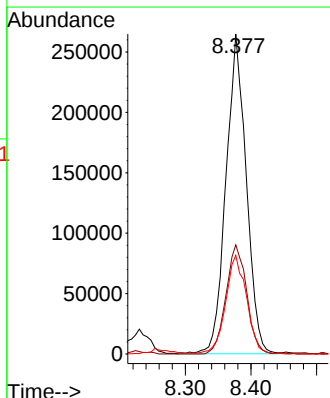
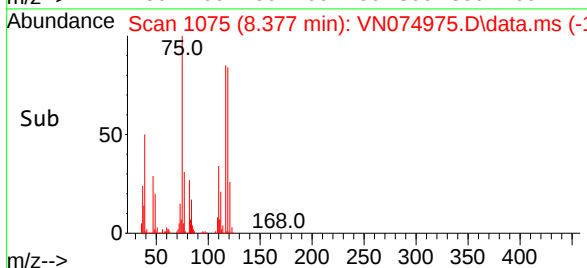
Supervised By :Mahesh Dadoda 10/24/2022

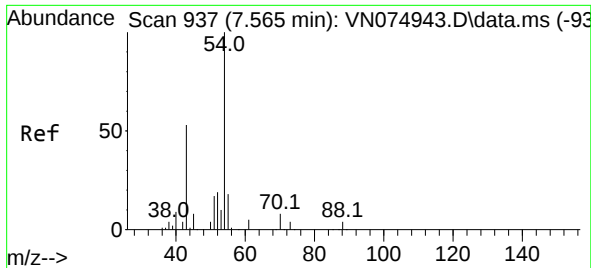


#36
1,1-Dichloropropene
Concen: 44.137 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37



Tgt Ion: 75 Resp: 569070
Ion Ratio Lower Upper
75 100
110 34.8 18.1 54.4
77 31.8 25.0 37.4





#37

Ethyl Acetate

Concen: 46.558 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN074975.D

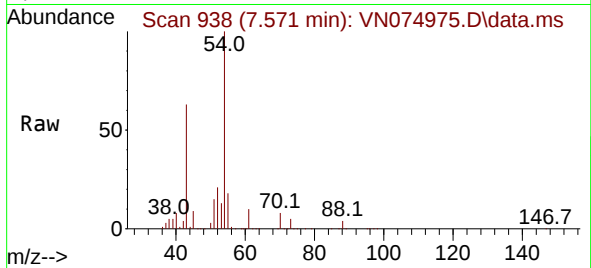
Acq: 21 Oct 2022 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 706839

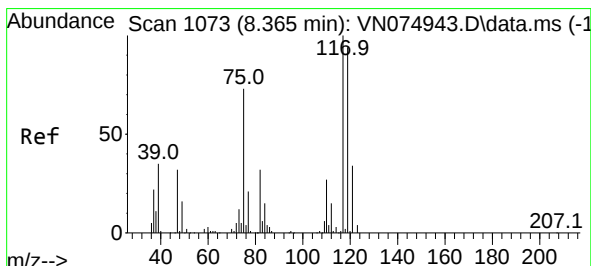
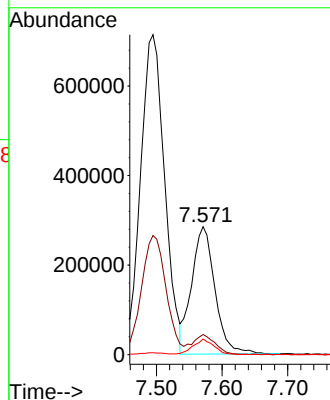
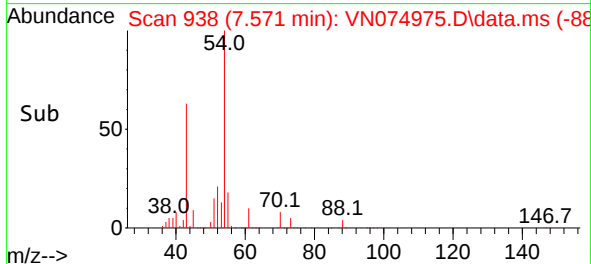
Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.1	18.1
70	11.0	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#38

Carbon Tetrachloride

Concen: 45.532 ug/l

RT: 8.371 min Scan# 1074

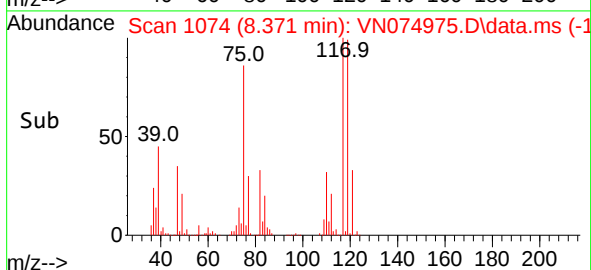
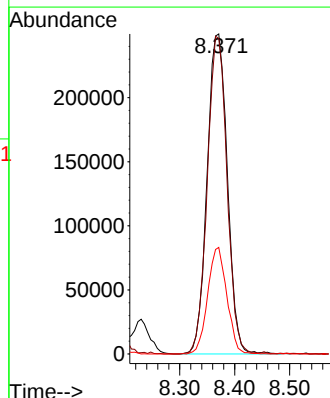
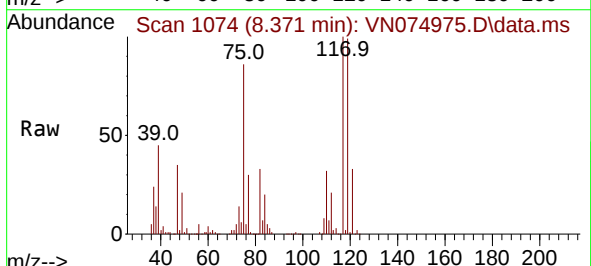
Delta R.T. 0.006 min

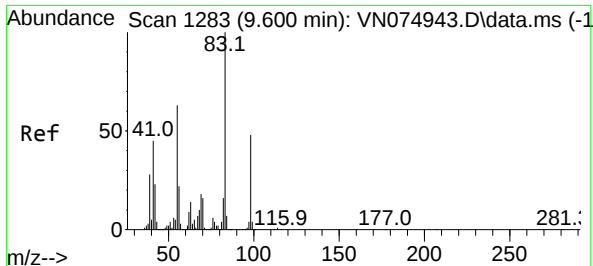
Lab File: VN074975.D

Acq: 21 Oct 2022 20:37

Tgt Ion:117 Resp: 639055

Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.2	112.8
121	33.3	27.0	40.6





#39

Methylcyclohexane

Concen: 43.952 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN074975.D

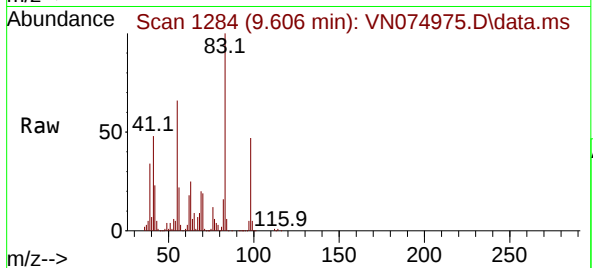
Acq: 21 Oct 2022 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



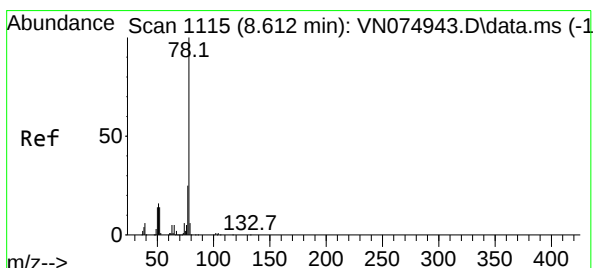
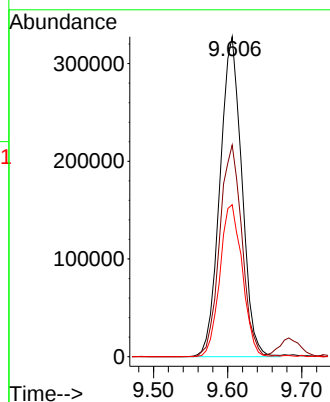
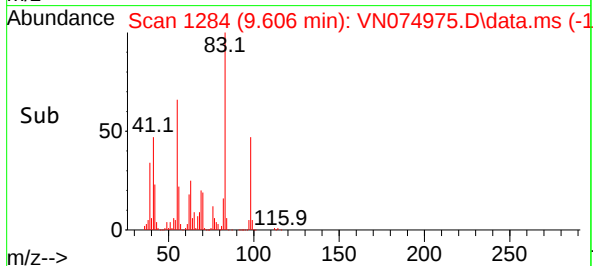
Tgt Ion: 83	Resp: 671418
Ion Ratio	Lower Upper
83	100
55	66.1 50.8 76.2
98	47.5 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#40

Benzene

Concen: 45.702 ug/l

RT: 8.612 min Scan# 1115

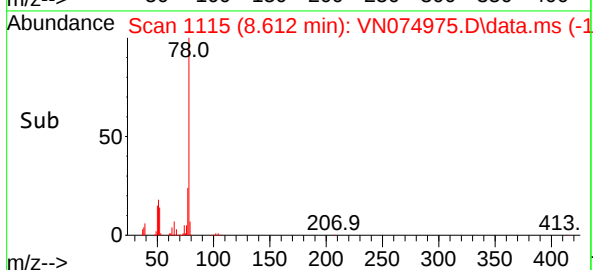
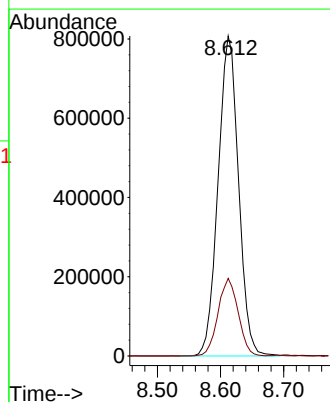
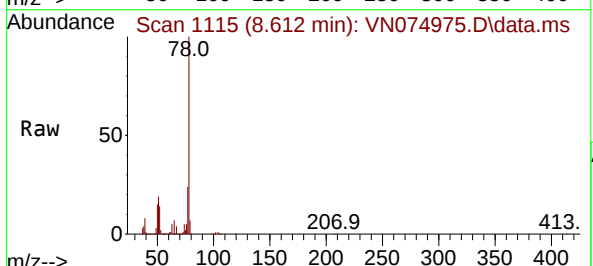
Delta R.T. 0.000 min

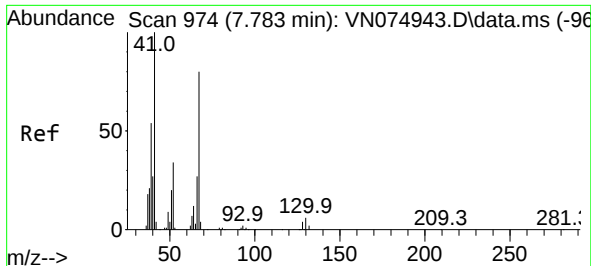
Lab File: VN074975.D

Acq: 21 Oct 2022 20:37

Tgt Ion: 78 Resp: 1816590

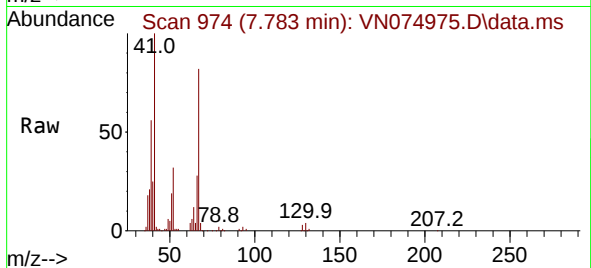
Ion Ratio	Lower Upper
78	100
77	24.2 19.6 29.4





#41
Methacrylonitrile
Concen: 47.386 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

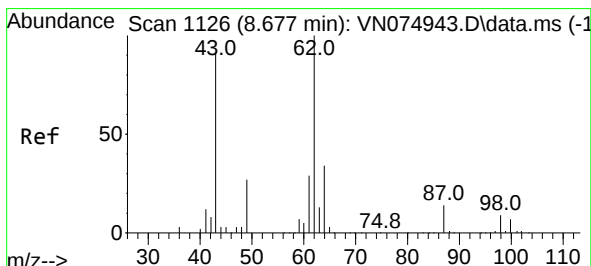
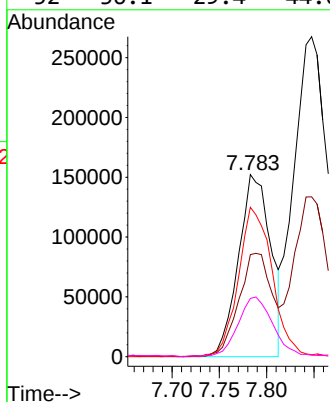
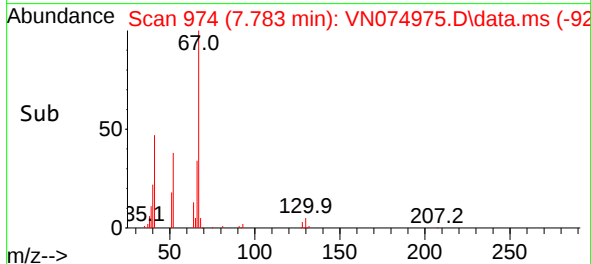
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 361084
Ion Ratio Lower Upper
41 100
39 58.1 47.9 71.9
67 86.8 70.8 106.2
52 36.1 29.4 44.0

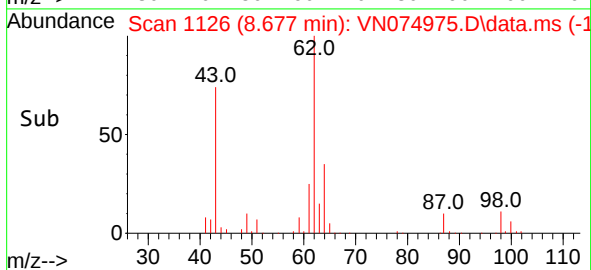
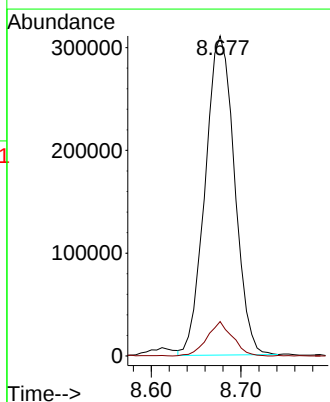
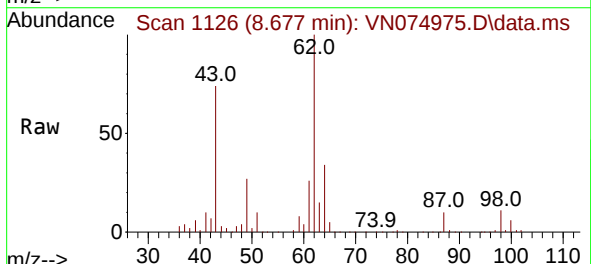
Manual Integrations
APPROVED

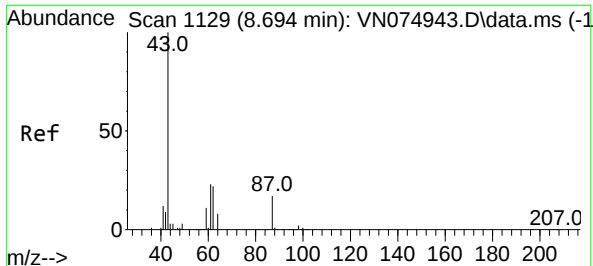
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#42
1,2-Dichloroethane
Concen: 46.696 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

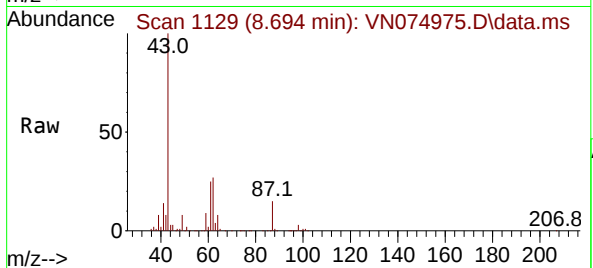
Tgt Ion: 62 Resp: 702605
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.8





#43
Isopropyl Acetate
Concen: 49.513 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

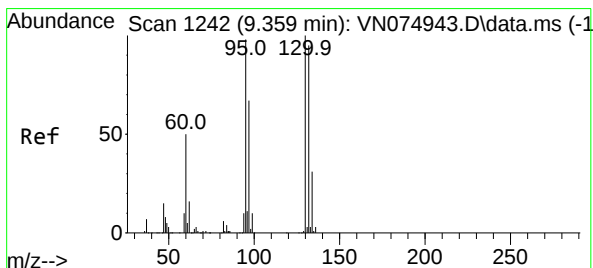
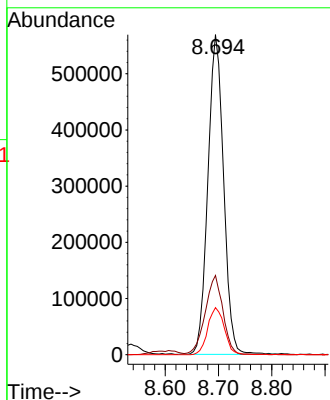
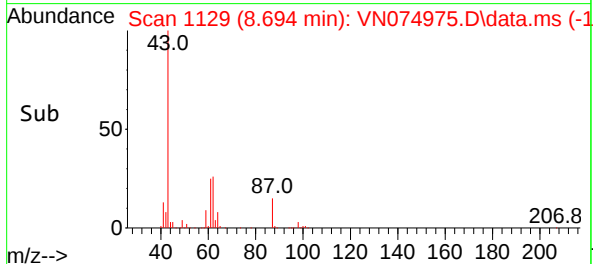
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1165908
Ion Ratio Lower Upper
43 100
61 28.1 22.3 33.5
87 15.6 12.8 19.2

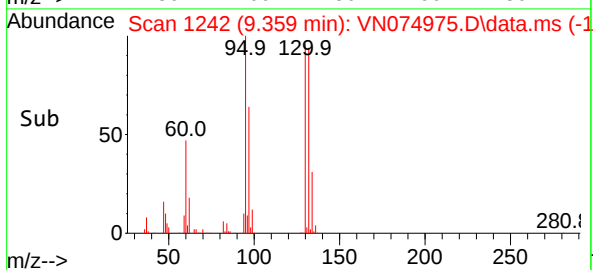
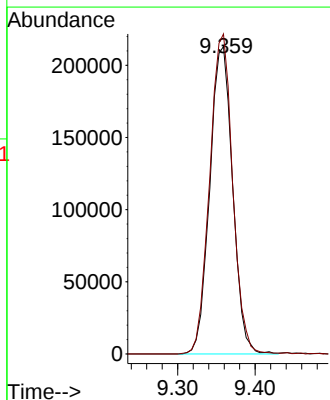
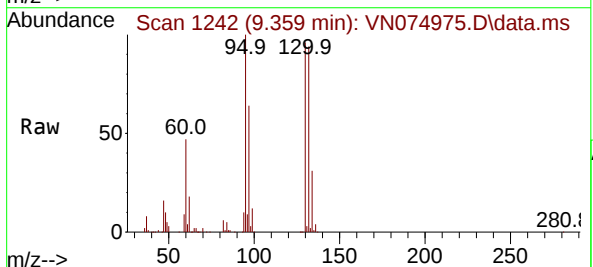
Manual Integrations
APPROVED

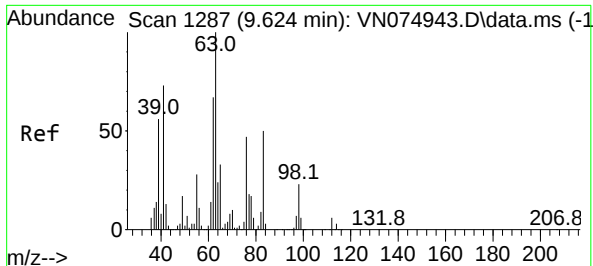
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#44
Trichloroethene
Concen: 44.699 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

Tgt Ion:130 Resp: 436078
Ion Ratio Lower Upper
130 100
95 104.1 0.0 195.8





#45

1,2-Dichloropropane

Concen: 47.537 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN074975.D

Acq: 21 Oct 2022 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 487008

Ion Ratio Lower Upper

63 100

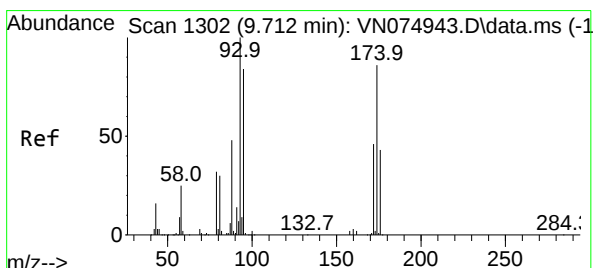
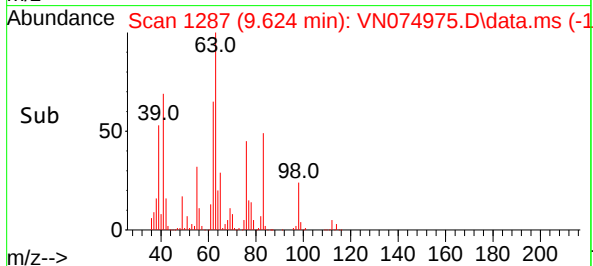
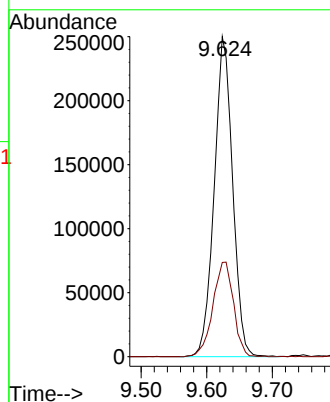
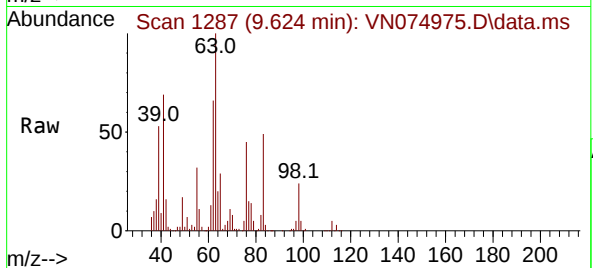
65 29.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#46

Dibromomethane

Concen: 45.826 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN074975.D

Acq: 21 Oct 2022 20:37

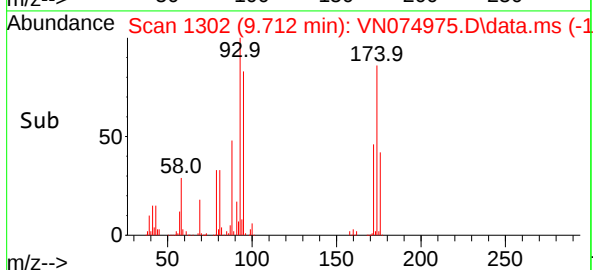
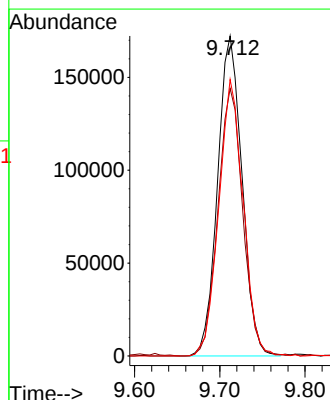
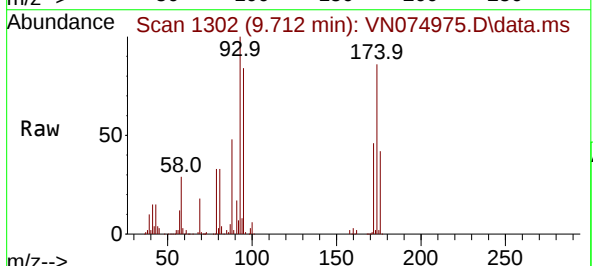
Tgt Ion: 93 Resp: 343314

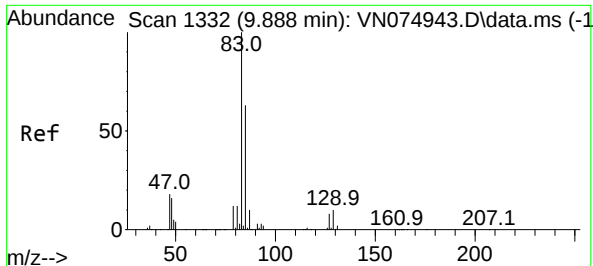
Ion Ratio Lower Upper

93 100

95 84.8 66.0 99.0

174 86.1 68.8 103.2





#47

Bromodichloromethane

Concen: 47.673 ug/l

RT: 9.894 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VN074975.D

Acq: 21 Oct 2022 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 72149

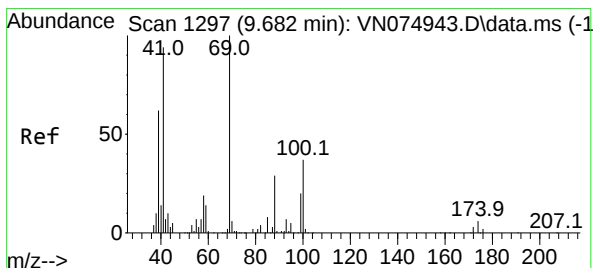
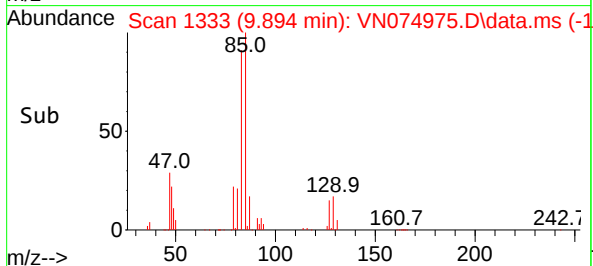
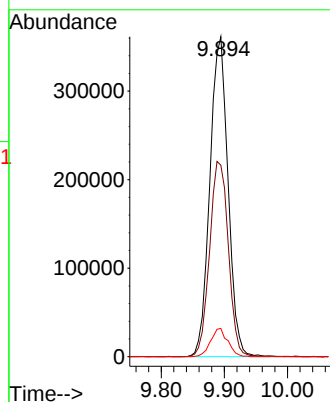
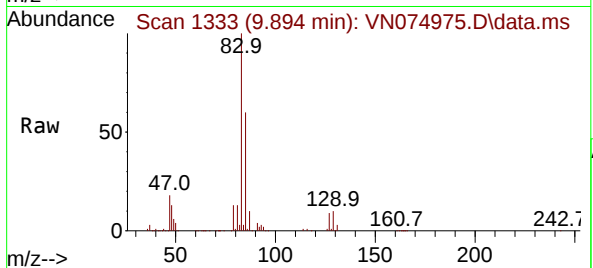
Ion	Ratio	Lower	Upper
83	100		
85	59.9	50.1	75.1
127	8.8	6.5	9.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#48

Methyl methacrylate

Concen: 48.823 ug/l

RT: 9.683 min Scan# 1297

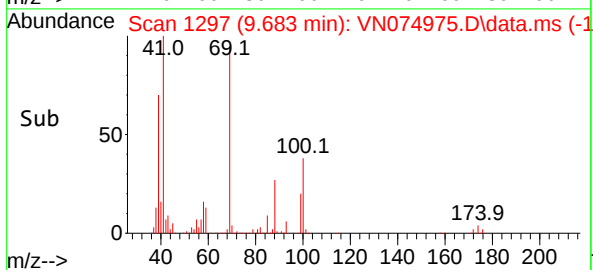
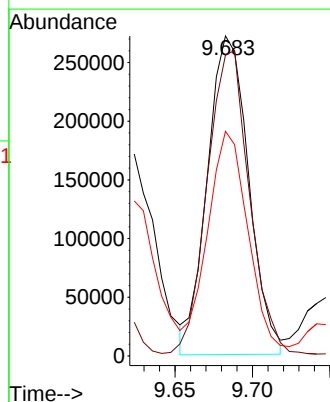
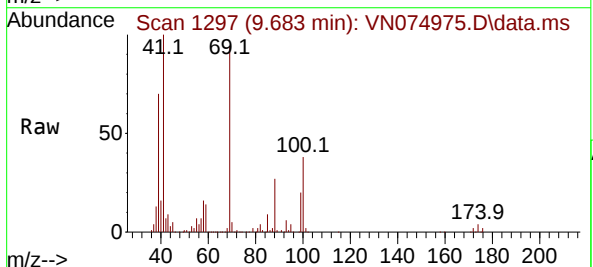
Delta R.T. 0.000 min

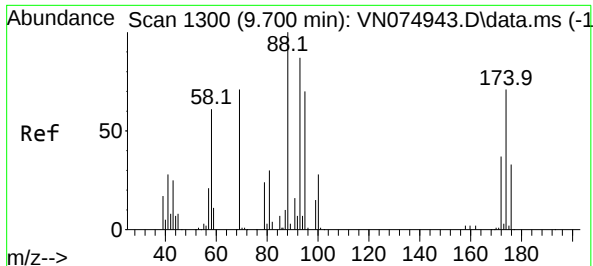
Lab File: VN074975.D

Acq: 21 Oct 2022 20:37

Tgt Ion: 41 Resp: 502698

Ion	Ratio	Lower	Upper
41	100		
69	98.3	79.7	119.5
39	70.5	55.1	82.7





#49

1,4-Dioxane

Concen: 957.214 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN074975.D

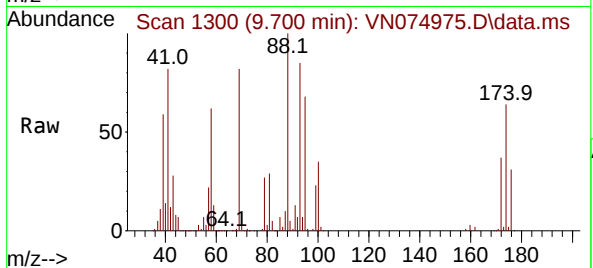
Acq: 21 Oct 2022 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



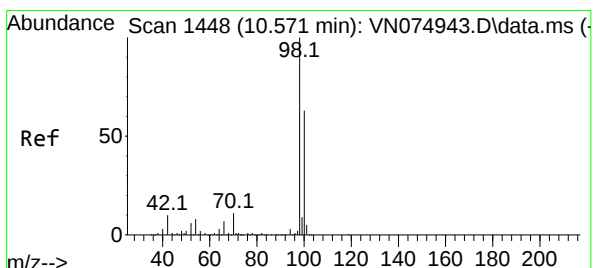
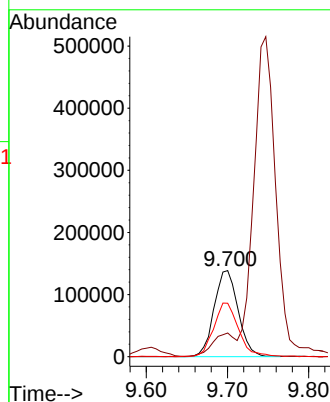
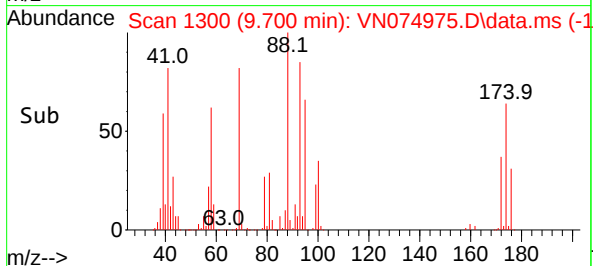
Tgt Ion:	88	Resp:	28495
Ion Ratio	Lower	Upper	
88	100		
43	26.4	21.1	31.7
58	65.1	49.8	74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#50

Toluene-d8

Concen: 51.107 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN074975.D

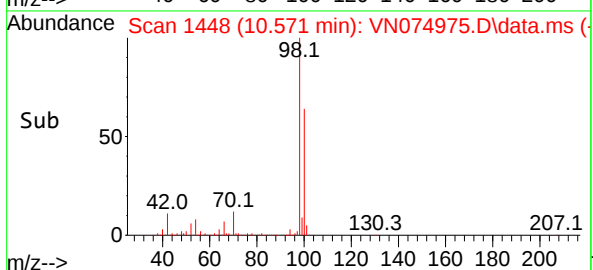
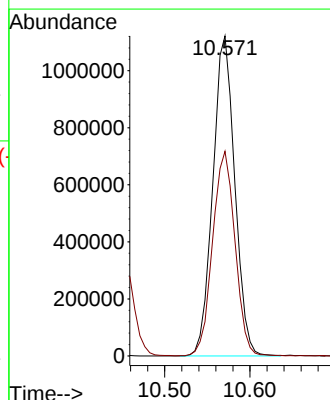
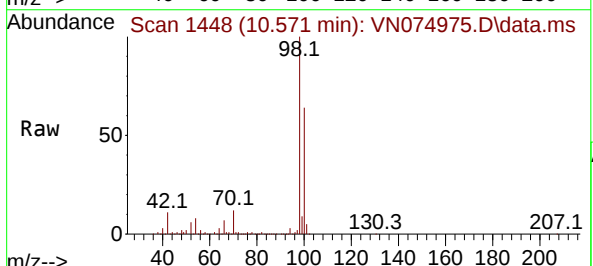
Acq: 21 Oct 2022 20:37

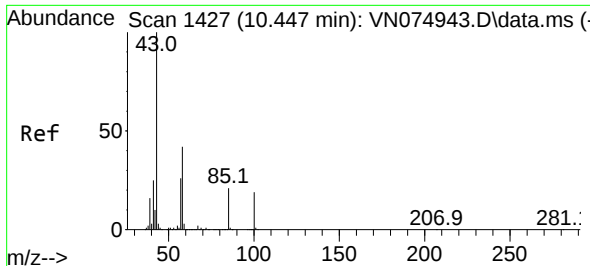
Tgt Ion: 98 Resp: 2007488

Ion Ratio Lower Upper

98 100

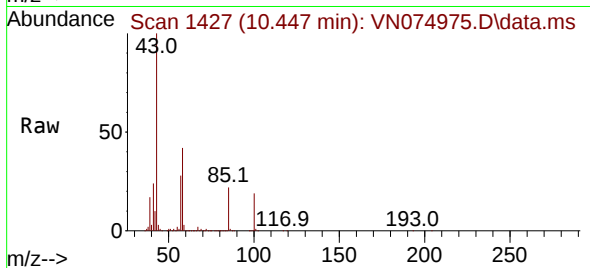
100 65.2 51.4 77.2





#51
4-Methyl-2-Pentanone
Concen: 251.523 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

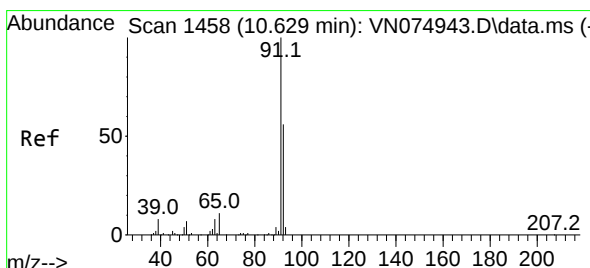
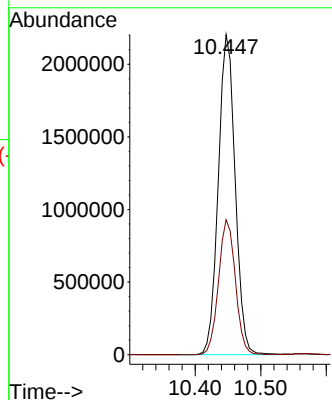
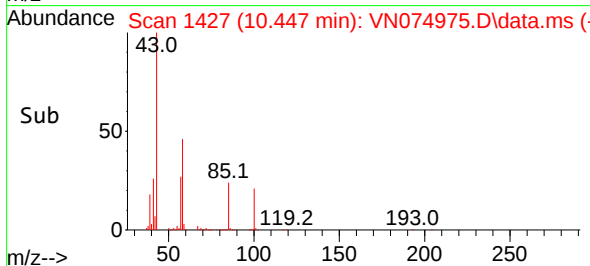
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



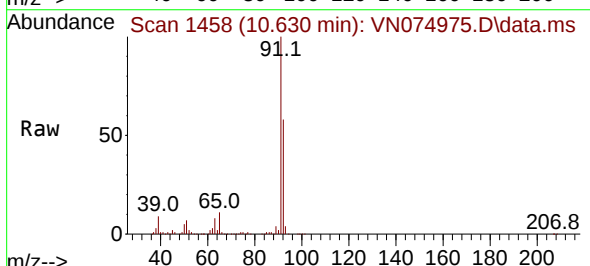
Tgt Ion: 43 Resp: 392321
Ion Ratio Lower Upper
43 100
58 42.2 33.6 50.4

Manual Integrations
APPROVED

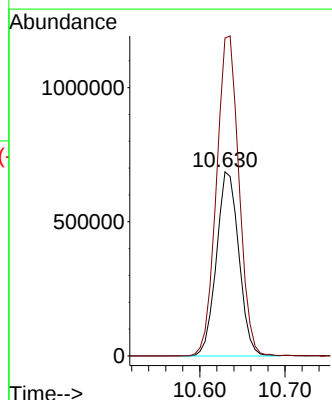
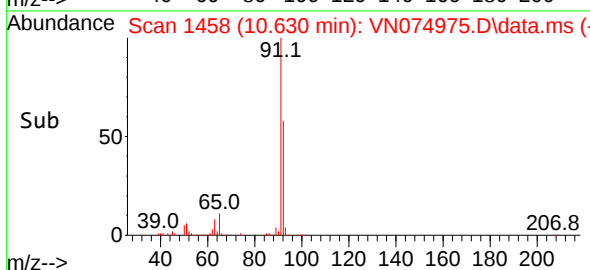
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

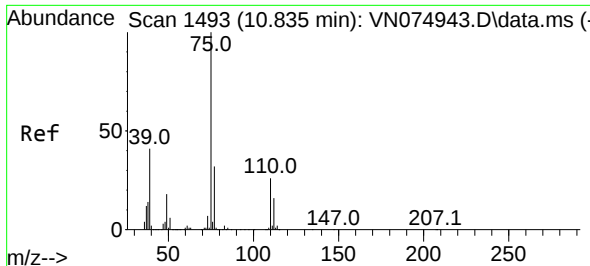


#52
Toluene
Concen: 48.330 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37



Tgt Ion: 92 Resp: 1253535
Ion Ratio Lower Upper
92 100
91 174.5 139.2 208.8





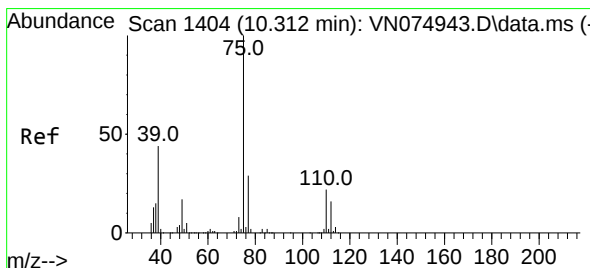
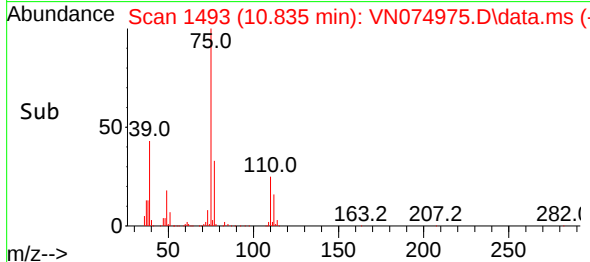
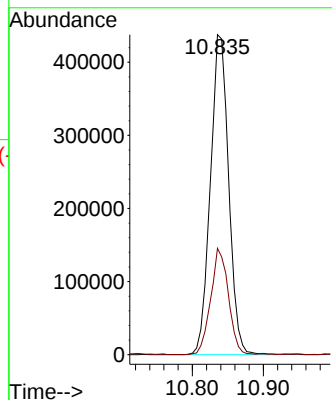
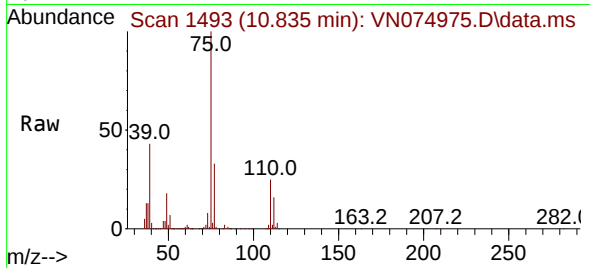
#53
t-1,3-Dichloropropene
Concen: 52.378 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 782064
Ion Ratio Lower Upper
75 100
77 33.2 25.2 37.8

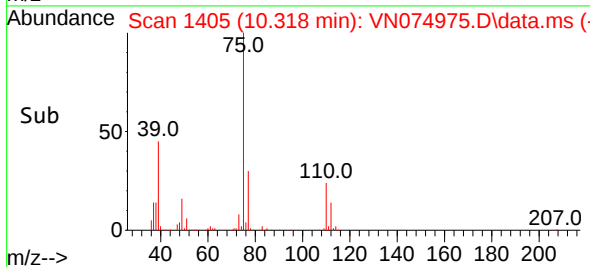
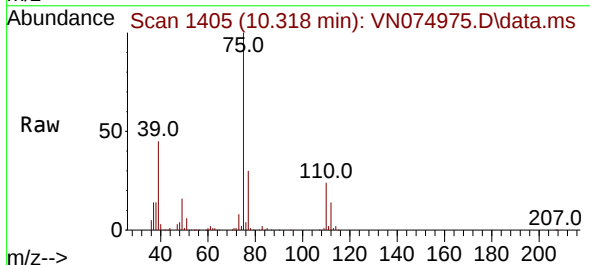
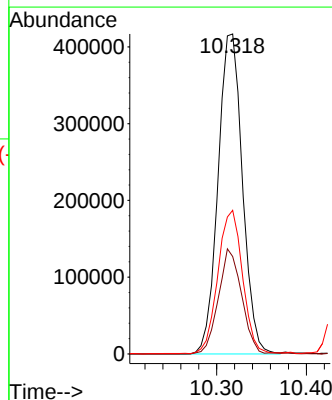
Manual Integrations
APPROVED

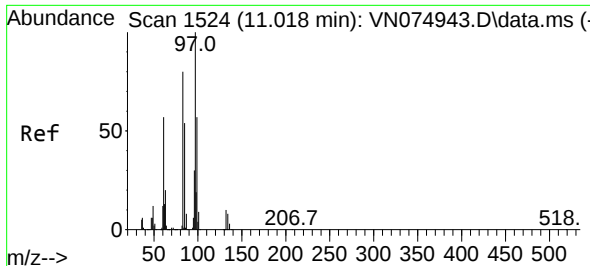
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#54
cis-1,3-Dichloropropene
Concen: 47.666 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

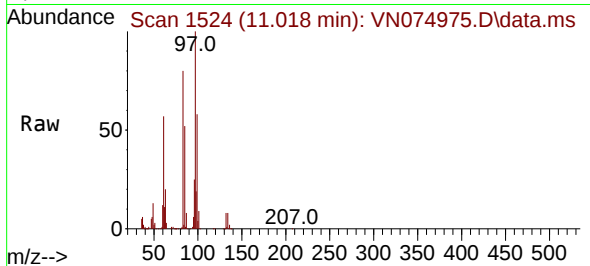
Tgt Ion: 75 Resp: 787050
Ion Ratio Lower Upper
75 100
77 30.4 23.5 35.3
39 44.8 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 50.052 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

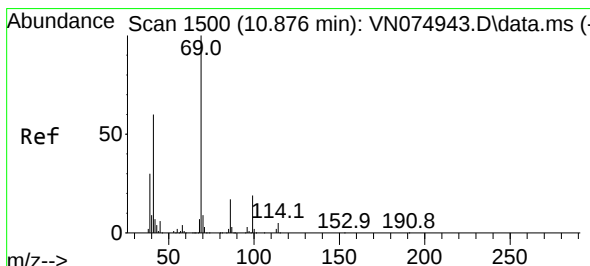
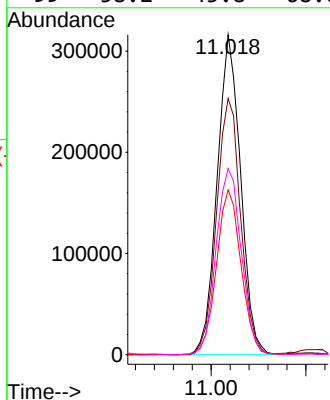
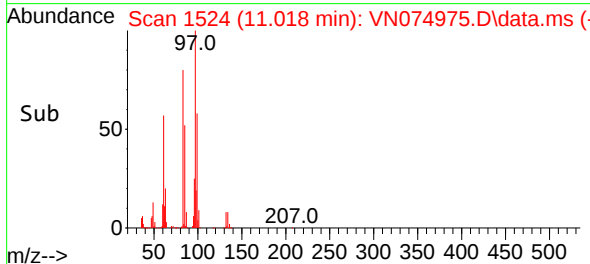
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Ratio	100	Lower	64.2	Upper	96.4
83	80.1						
85	51.5						
99	58.2						

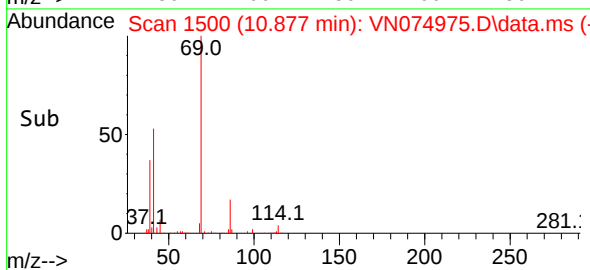
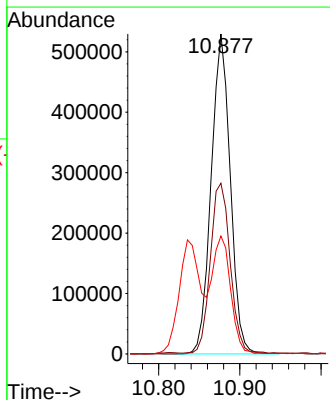
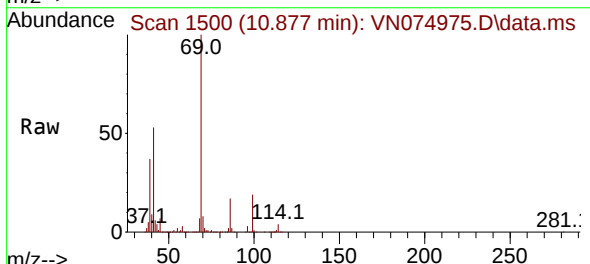
Manual Integrations
APPROVED

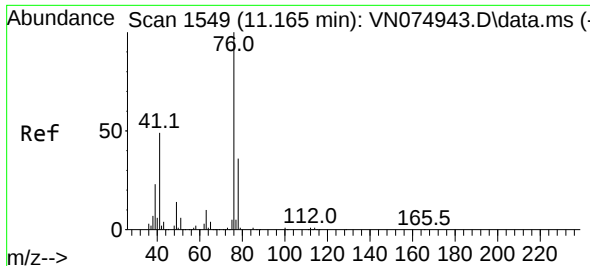
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#56
Ethyl methacrylate
Concen: 52.830 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

Tgt Ion:	69	Ratio	100	Lower	45.1	Upper	67.7
41	54.9						
39	35.1						





#57

1,3-Dichloropropane

Concen: 48.513 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN074975.D

Acq: 21 Oct 2022 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 896438

Ion Ratio Lower Upper

76 100

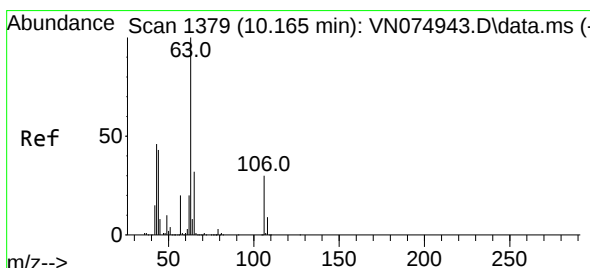
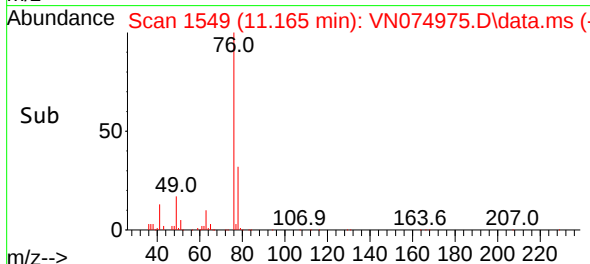
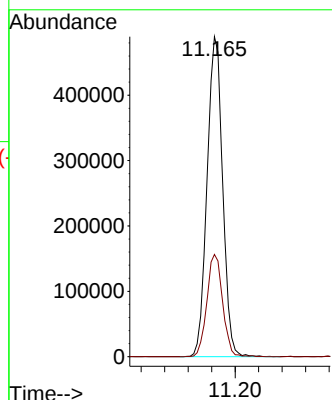
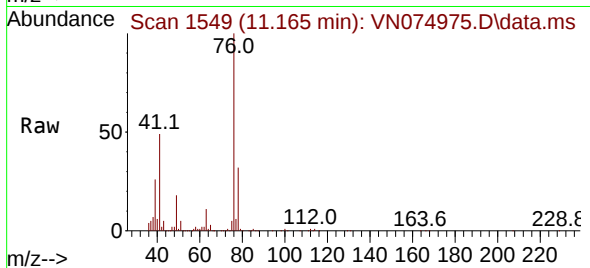
78 32.4 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 225.471 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN074975.D

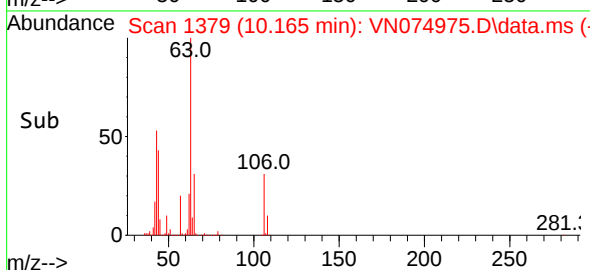
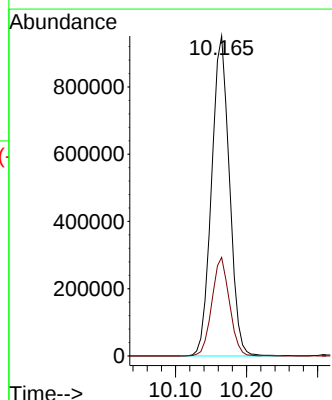
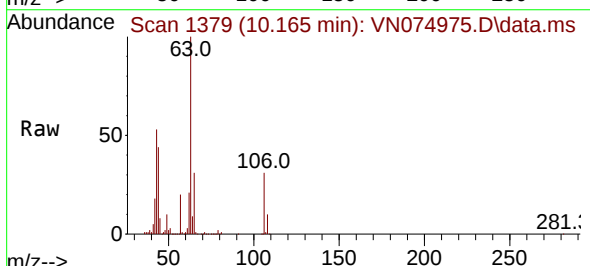
Acq: 21 Oct 2022 20:37

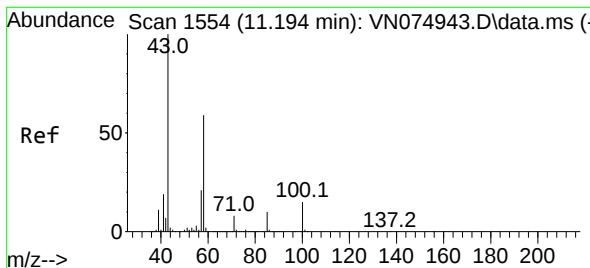
Tgt Ion: 63 Resp: 1659313

Ion Ratio Lower Upper

63 100

106 30.2 24.1 36.1





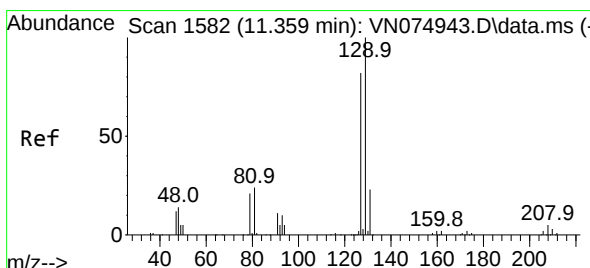
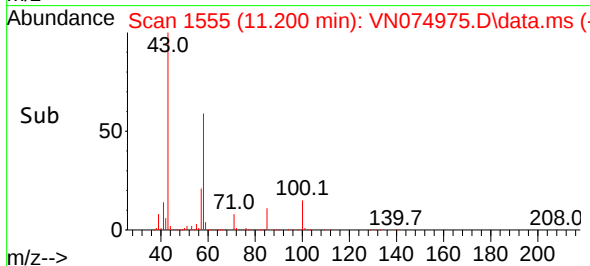
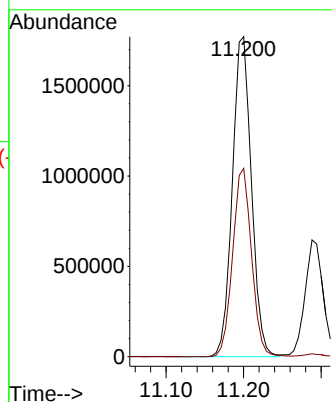
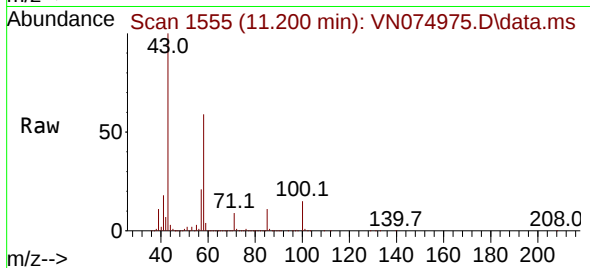
#59
2-Hexanone
Concen: 256.606 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 303544
Ion Ratio Lower Upper
43 100
58 58.4 29.5 88.5

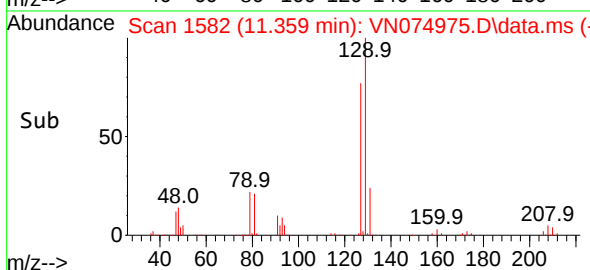
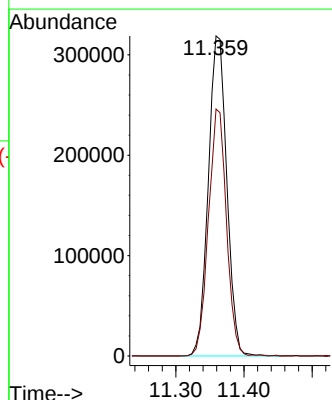
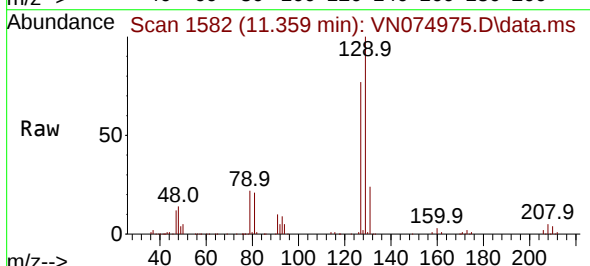
Manual Integrations
APPROVED

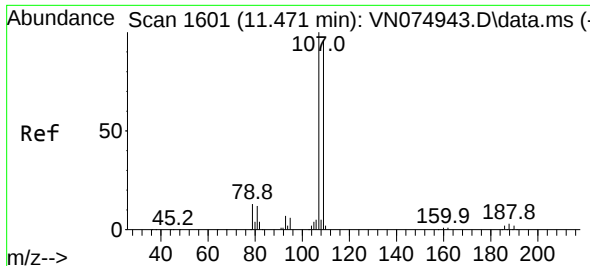
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#60
Dibromochloromethane
Concen: 52.579 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

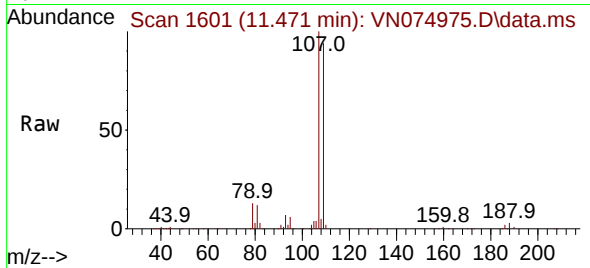
Tgt Ion:129 Resp: 600776
Ion Ratio Lower Upper
129 100
127 75.2 39.0 116.9





#61
1,2-Dibromoethane
Concen: 50.758 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

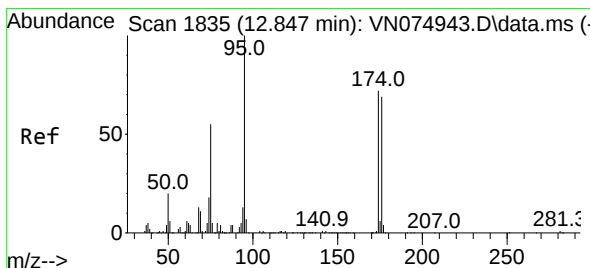
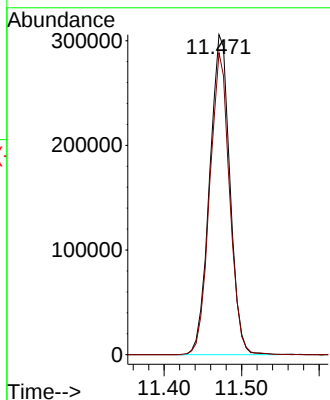
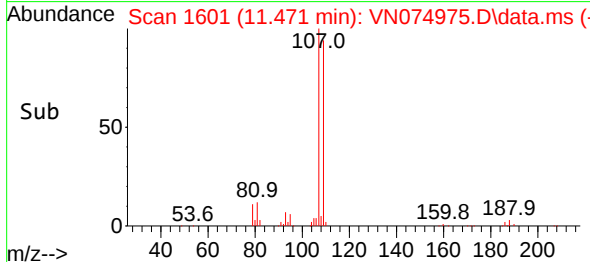
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



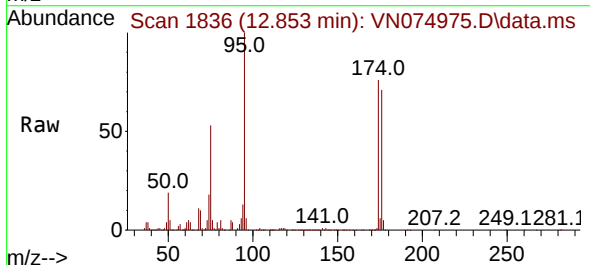
Tgt Ion:107 Resp: 557044
Ion Ratio Lower Upper
107 100
109 92.4 75.5 113.3

Manual Integrations
APPROVED

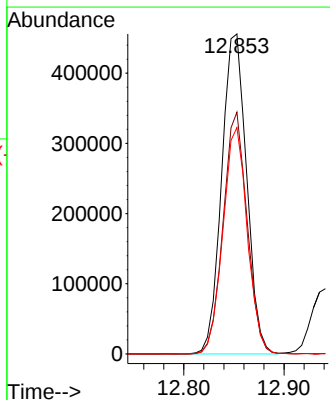
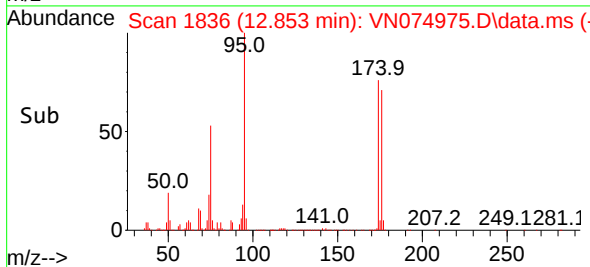
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

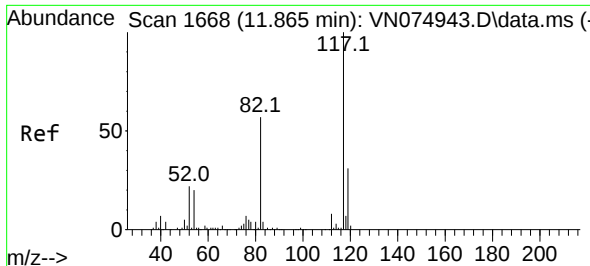


#62
4-Bromofluorobenzene
Concen: 56.870 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37



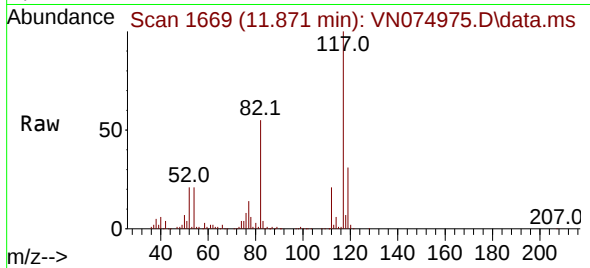
Tgt Ion: 95 Resp: 787964
Ion Ratio Lower Upper
95 100
174 72.7 0.0 143.0
176 69.1 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

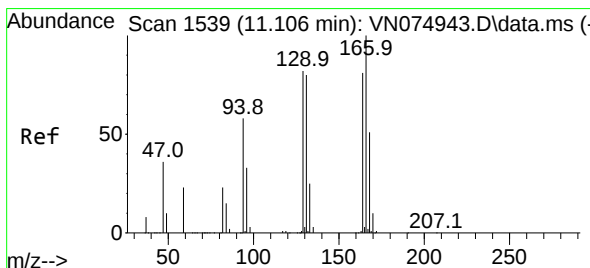
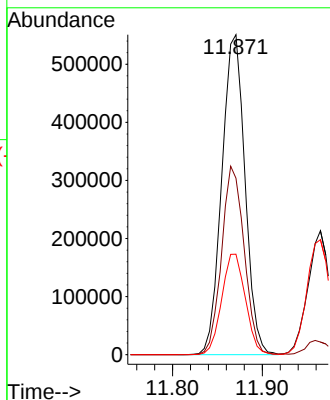
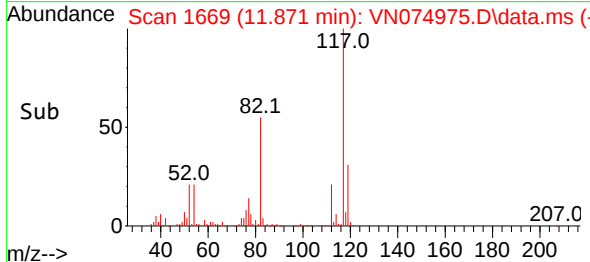
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 988262
Ion Ratio Lower Upper
117 100
82 55.2 45.6 68.4
119 31.4 25.1 37.7

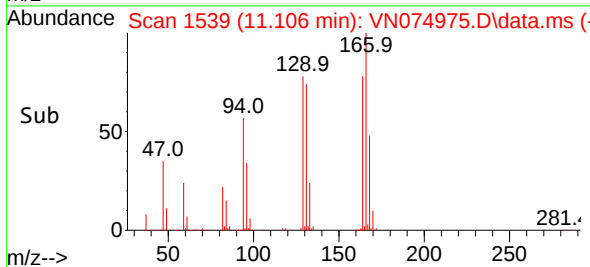
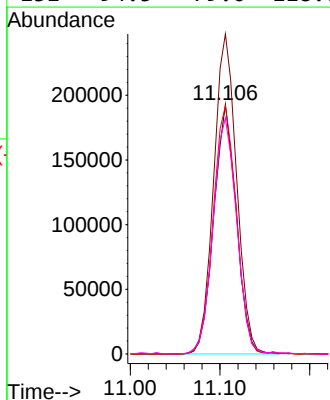
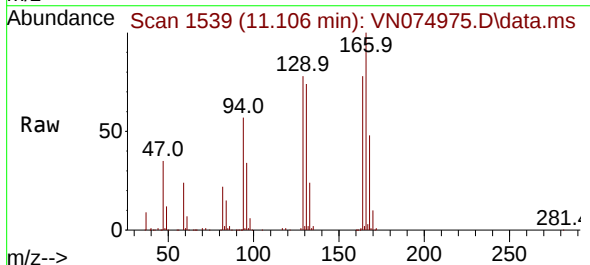
Manual Integrations
APPROVED

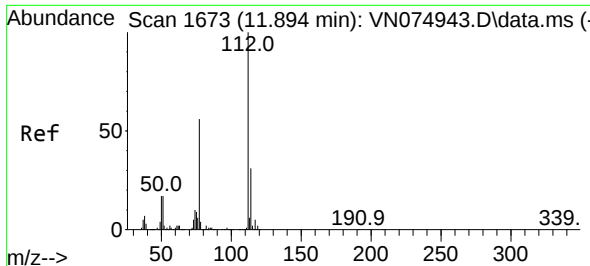
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#64
Tetrachloroethene
Concen: 41.536 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

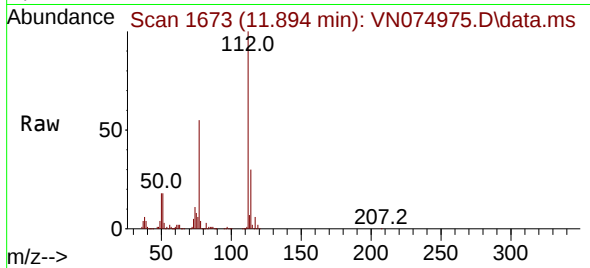
Tgt Ion:164 Resp: 335669
Ion Ratio Lower Upper
164 100
166 128.3 98.6 148.0
129 99.5 81.2 121.8
131 94.5 79.0 118.6





#65
Chlorobenzene
Concen: 46.522 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

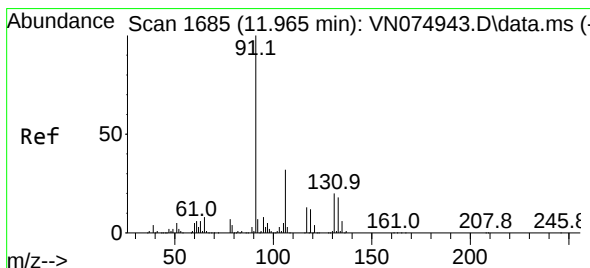
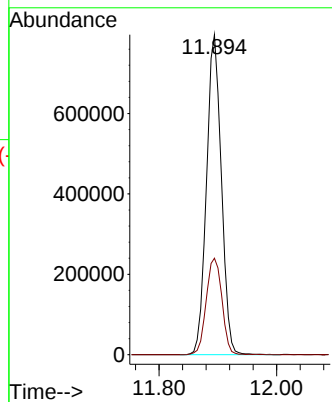
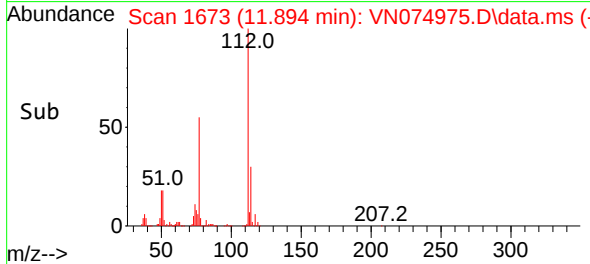
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



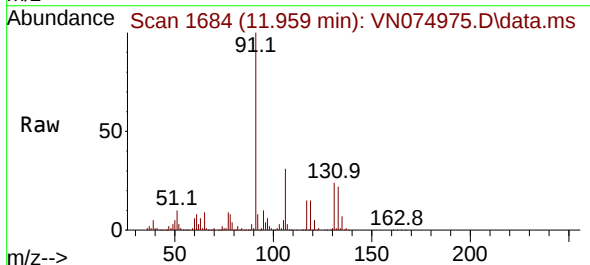
Tgt Ion:112 Resp: 139015
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.6

Manual Integrations
APPROVED

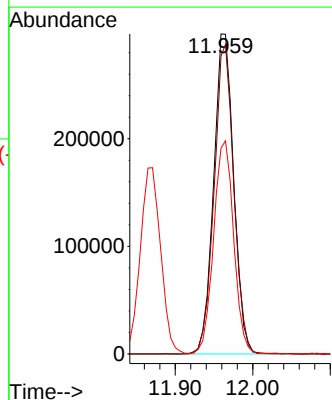
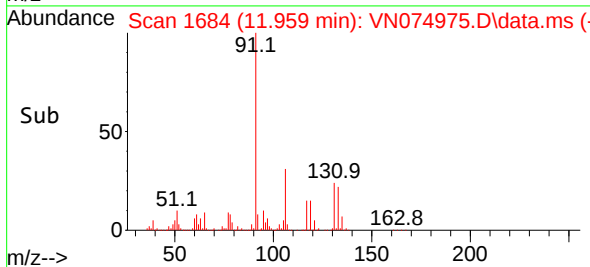
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

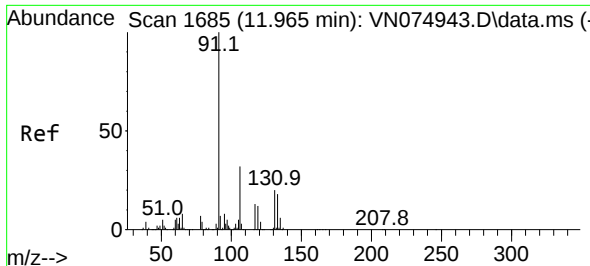


#66
1,1,1,2-Tetrachloroethane
Concen: 47.427 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37



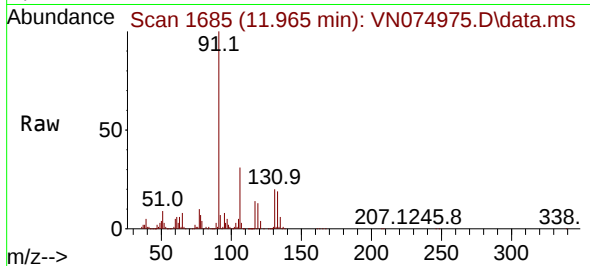
Tgt Ion:131 Resp: 534155
Ion Ratio Lower Upper
131 100
133 94.8 46.6 139.7
119 66.6 32.4 97.0





#67
Ethyl Benzene
Concen: 47.860 ug/l
RT: 11.965 min Scan# 106
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

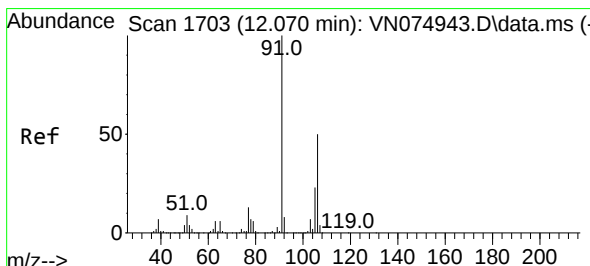
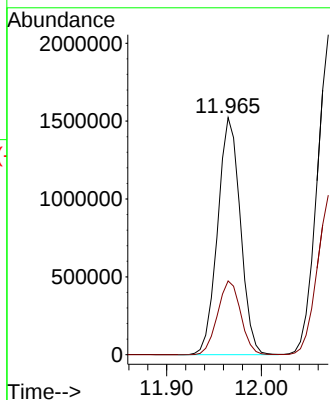
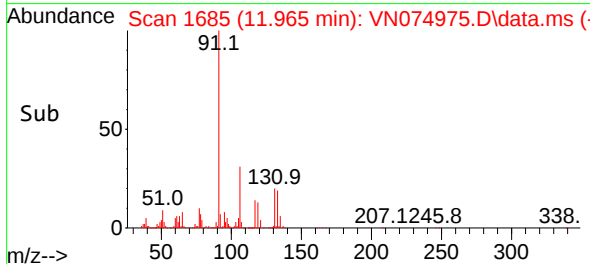
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



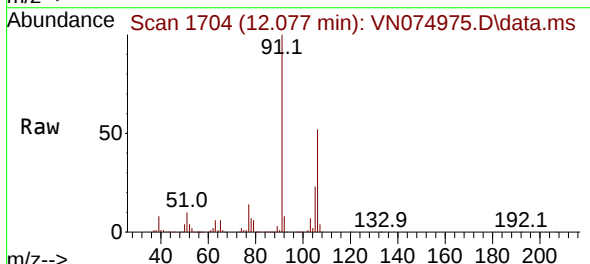
Tgt Ion: 91 Resp: 2539280
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.2

Manual Integrations
APPROVED

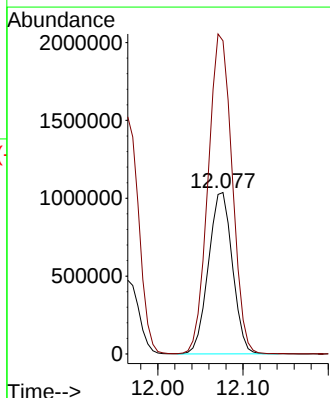
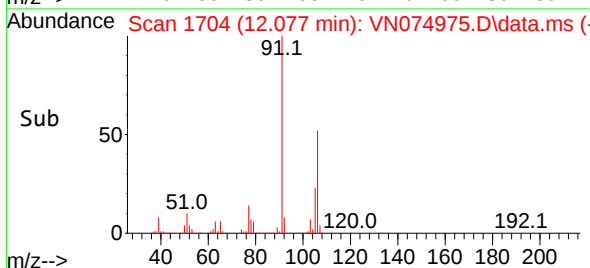
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

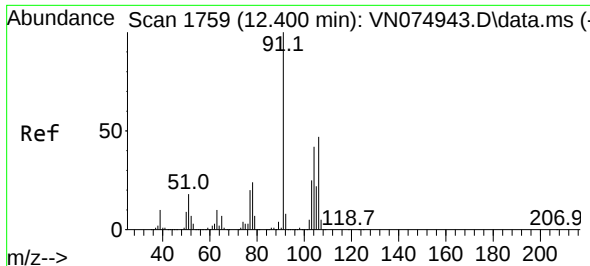


#68
m/p-Xylenes
Concen: 97.963 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37



Tgt Ion:106 Resp: 2026606
Ion Ratio Lower Upper
106 100
91 198.9 159.7 239.5





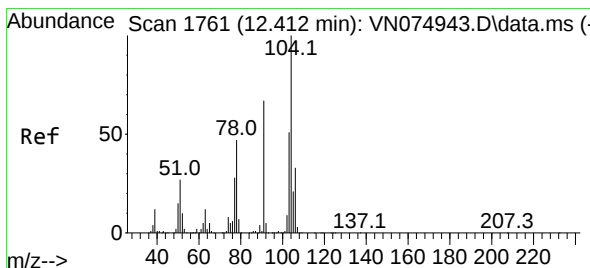
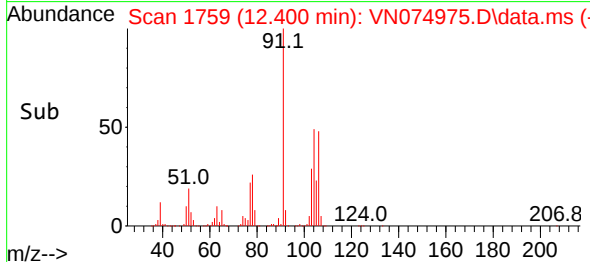
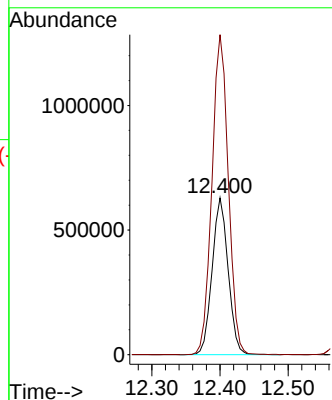
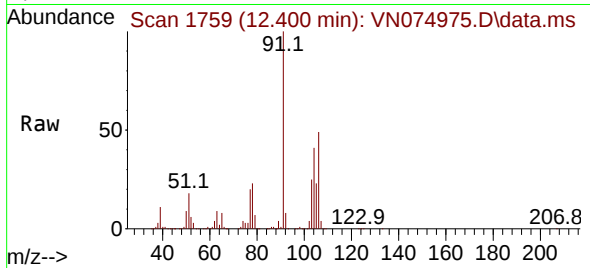
#69
o-Xylene
Concen: 49.548 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 102680
Ion Ratio Lower Upper
106 100
91 209.4 103.6 310.7

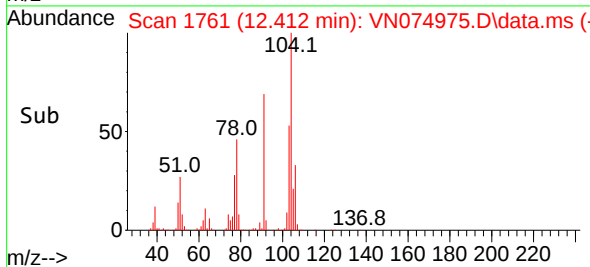
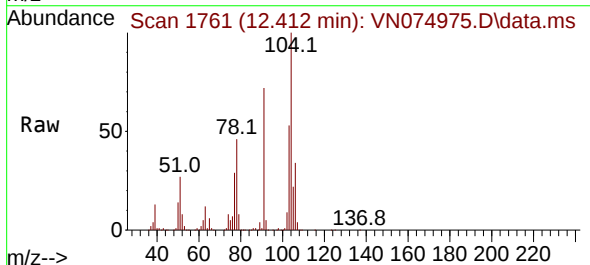
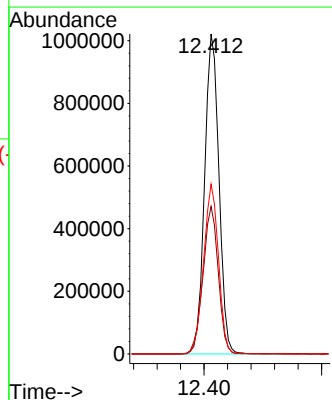
Manual Integrations
APPROVED

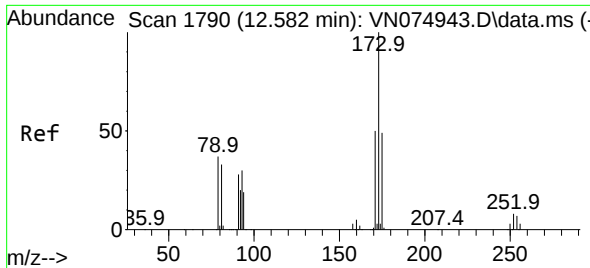
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#70
Styrene
Concen: 52.830 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

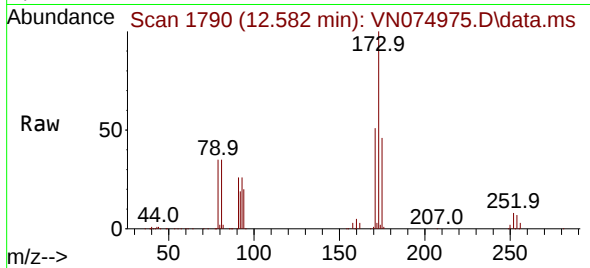
Tgt Ion:104 Resp: 1735266
Ion Ratio Lower Upper
104 100
78 49.0 39.4 59.2
103 55.0 43.0 64.4





#71
Bromoform
Concen: 49.851 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

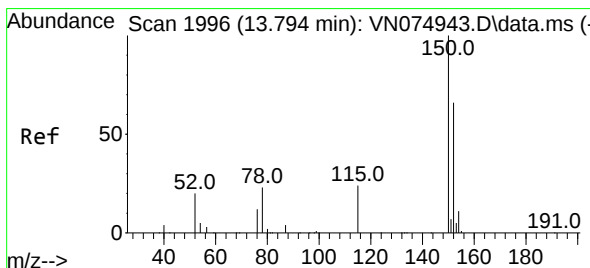
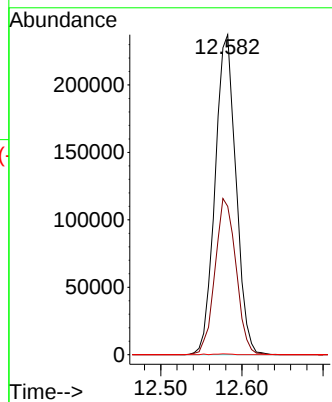
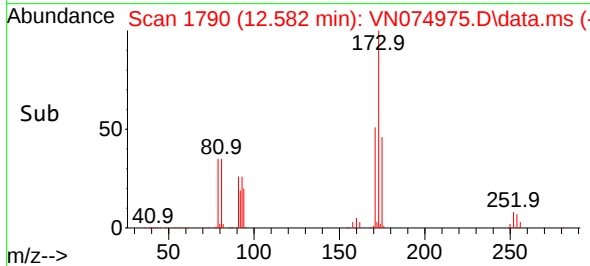
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



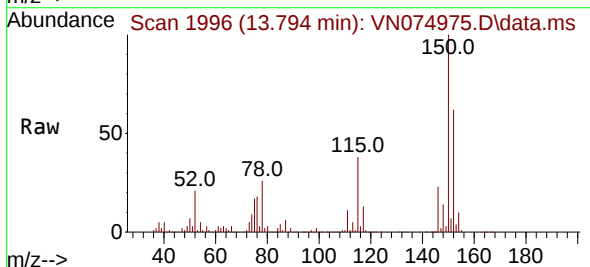
Tgt Ion:173 Resp: 423744
Ion Ratio Lower Upper
173 100
175 49.2 24.8 74.3
254 0.2 0.1 0.1

Manual Integrations
APPROVED

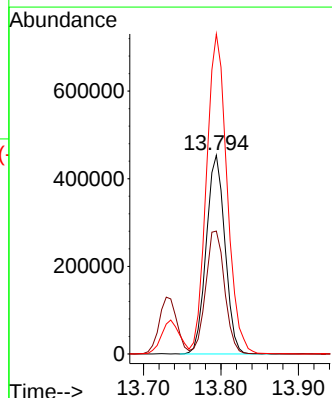
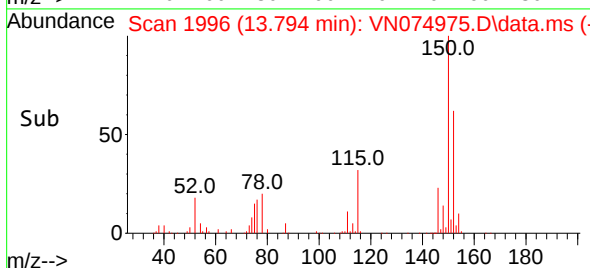
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

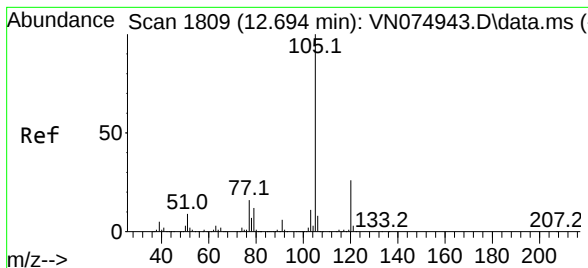


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37



Tgt Ion:152 Resp: 759233
Ion Ratio Lower Upper
152 100
115 62.6 31.3 93.8
150 177.1 0.0 349.6





#73

Isopropylbenzene

Concen: 43.089 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN074975.D

Acq: 21 Oct 2022 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 2672180

Ion Ratio Lower Upper

105 100

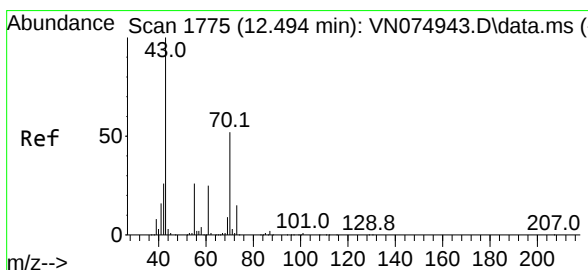
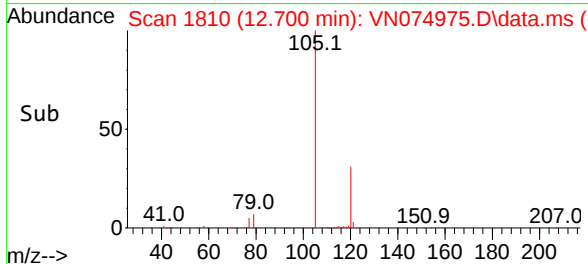
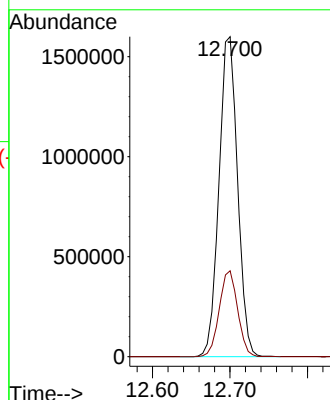
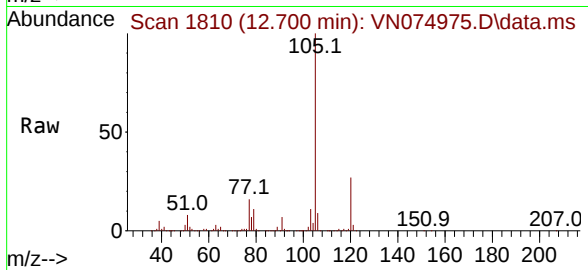
120 26.6 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#74

N-ethyl acetate

Concen: 43.697 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN074975.D

Acq: 21 Oct 2022 20:37

Tgt Ion: 43 Resp: 1088814

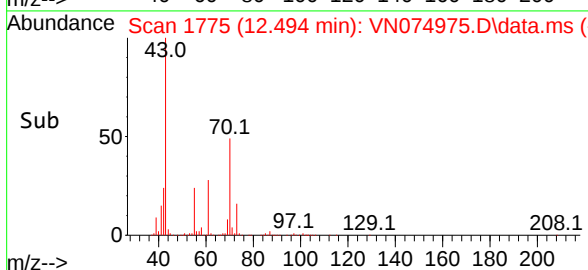
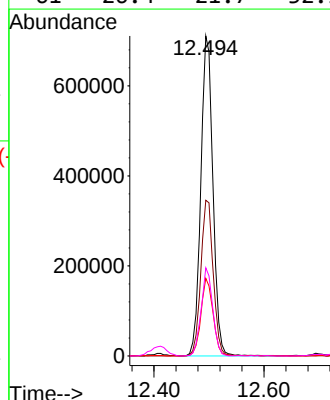
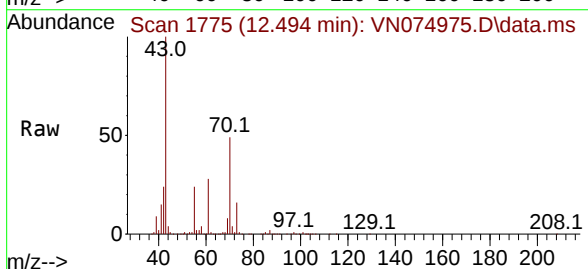
Ion Ratio Lower Upper

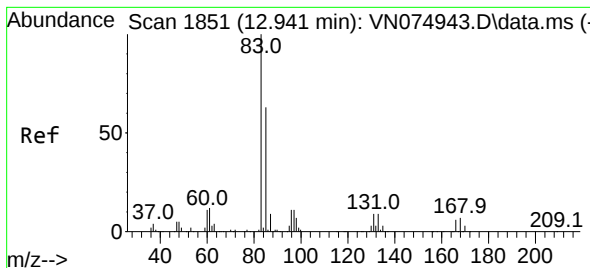
43 100

70 49.9 40.2 60.2

55 24.3 20.6 31.0

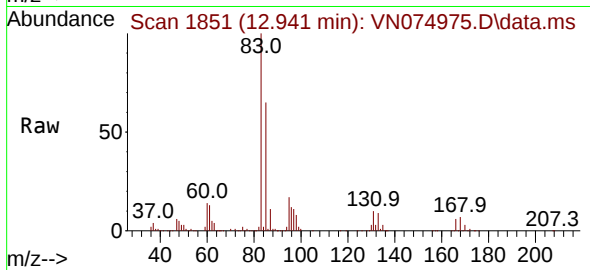
61 26.4 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 41.497 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

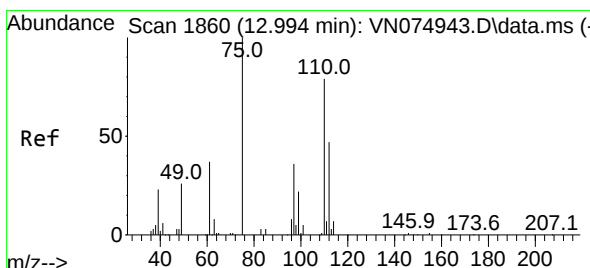
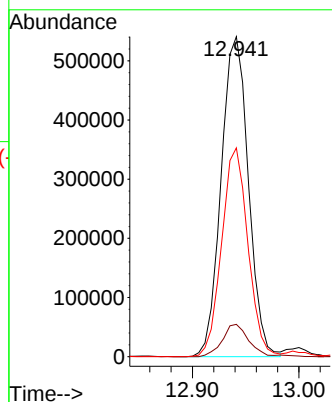
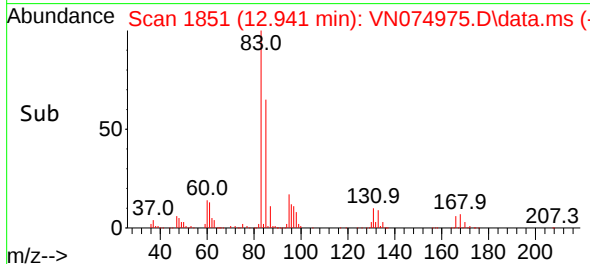
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



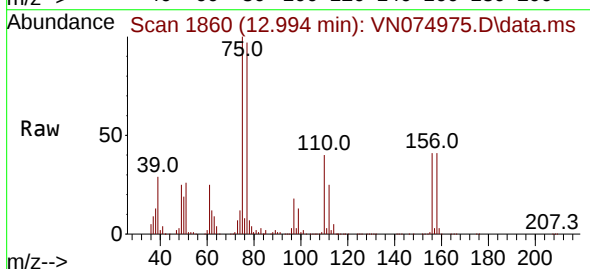
Tgt Ion: 83 Resp: 961080
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 62.8 32.6 97.7

Manual Integrations
APPROVED

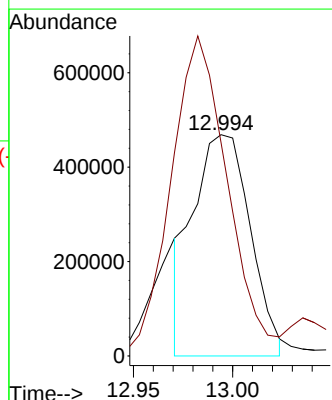
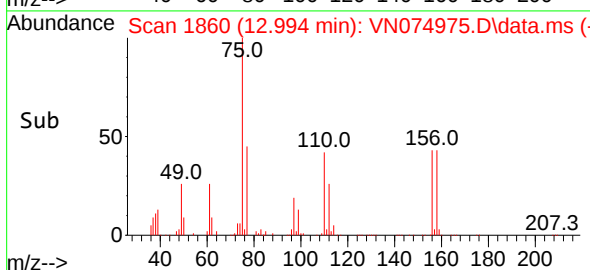
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

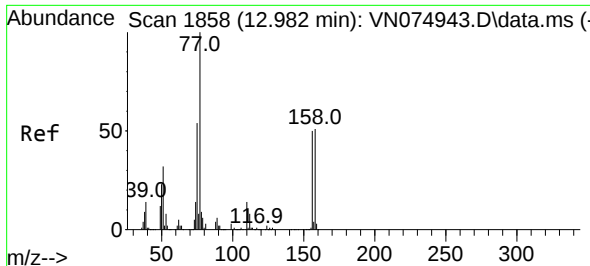


#76
1,2,3-Trichloropropane
Concen: 45.541 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37



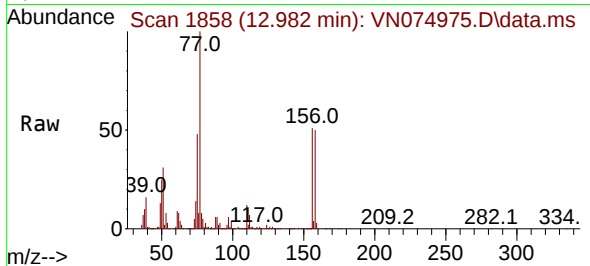
Tgt Ion: 75 Resp: 937677
Ion Ratio Lower Upper
75 100
77 143.9 81.0 243.0





#77
Bromobenzene
Concen: 42.188 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

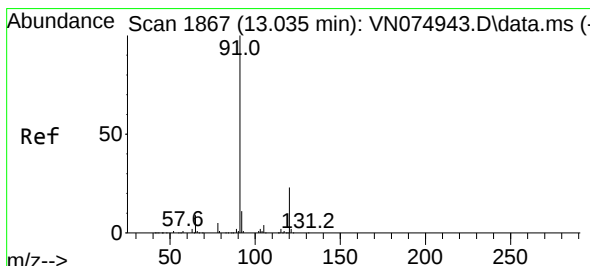
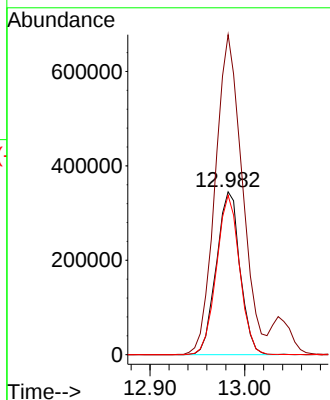
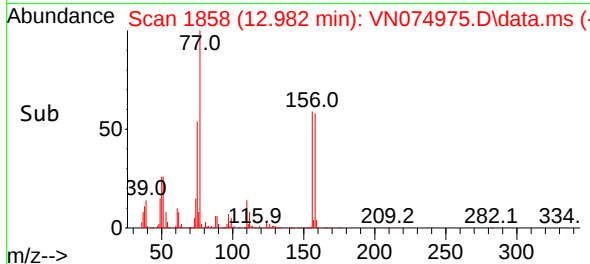
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



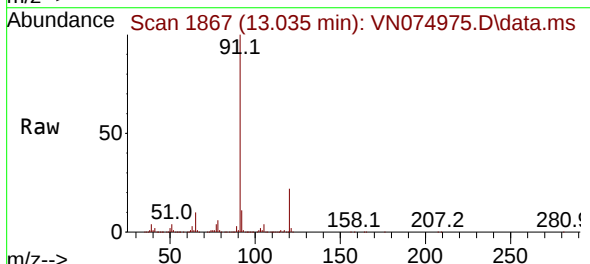
Tgt Ion:156 Resp: 599958
Ion Ratio Lower Upper
156 100
77 224.9 117.1 351.3
158 95.7 48.3 144.9

Manual Integrations
APPROVED

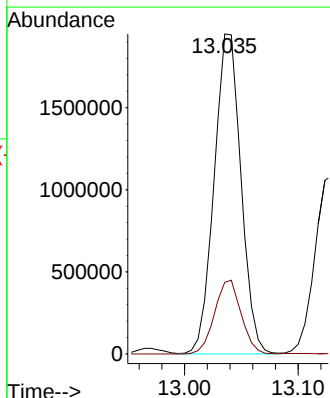
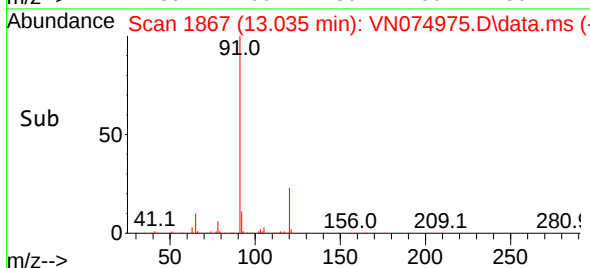
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

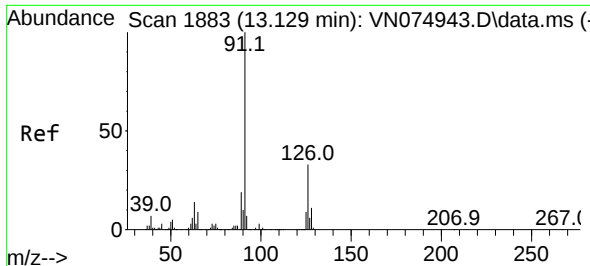


#78
n-propylbenzene
Concen: 44.136 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37



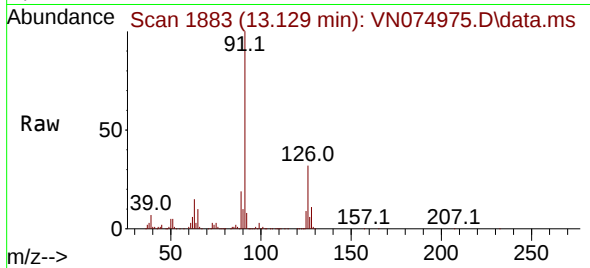
Tgt Ion: 91 Resp: 3203388
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





#79
2-Chlorotoluene
Concen: 42.713 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

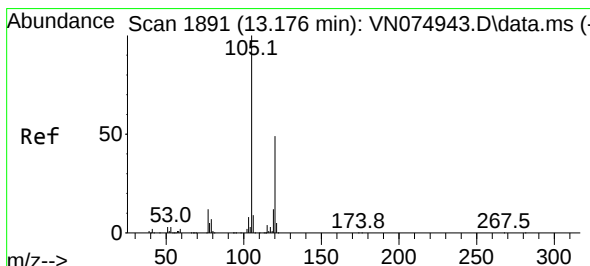
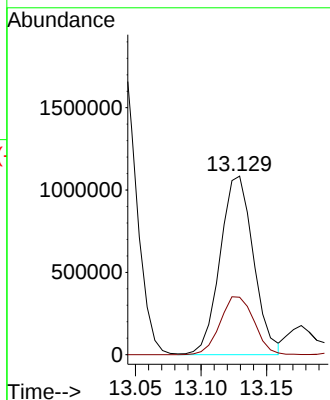
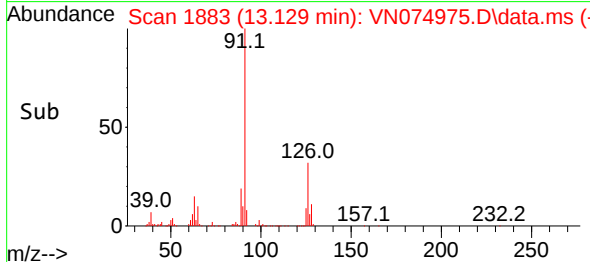
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



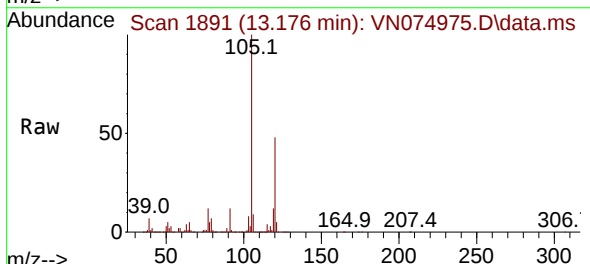
Tgt Ion: 91 Resp: 192034
Ion Ratio Lower Upper
91 100
126 33.0 17.0 51.0

Manual Integrations
APPROVED

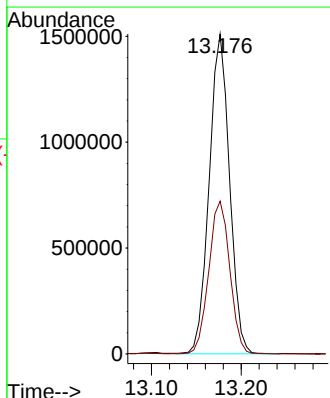
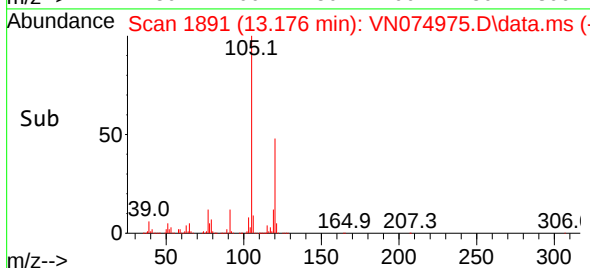
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

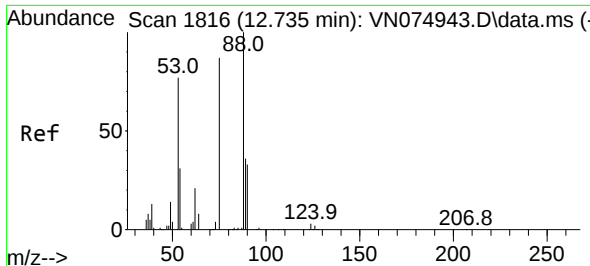


#80
1,3,5-Trimethylbenzene
Concen: 44.313 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37



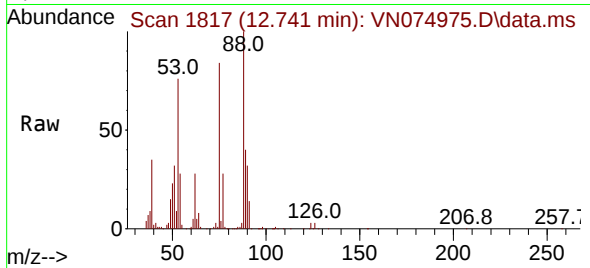
Tgt Ion:105 Resp: 2373740
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 50.968 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

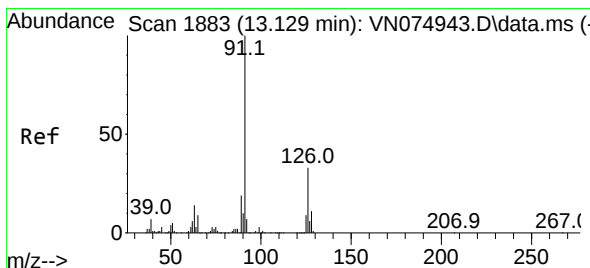
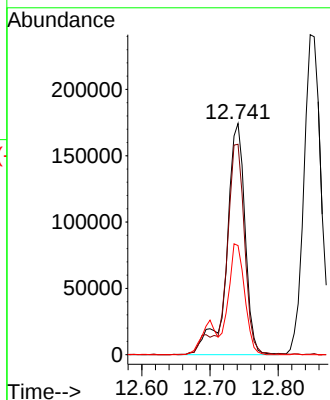
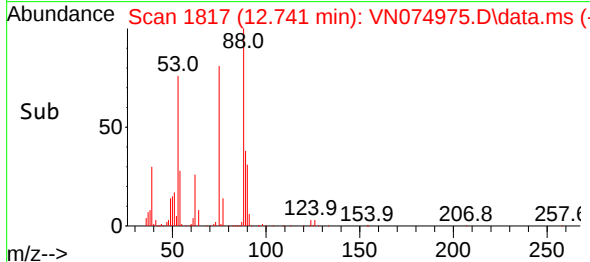
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 327300
Ion Ratio Lower Upper
75 100
53 84.6 79.2 118.8
89 42.6 37.9 56.9

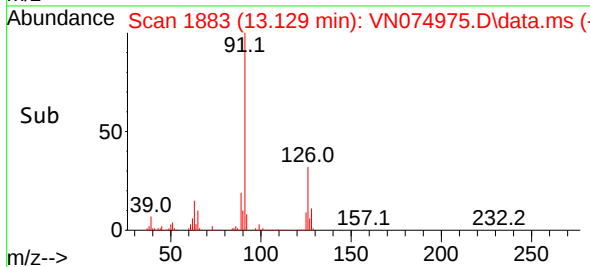
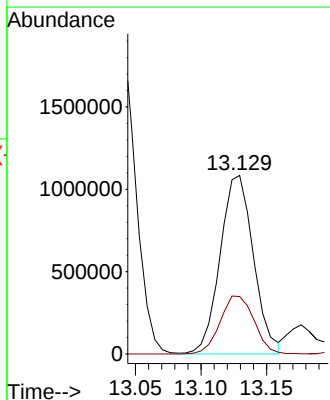
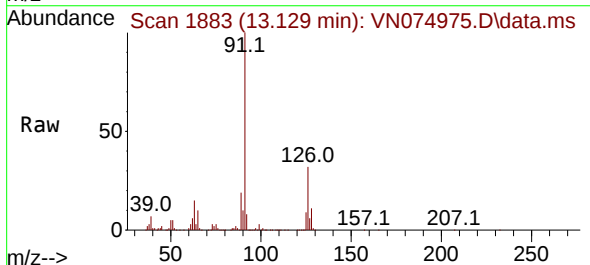
Manual Integrations
APPROVED

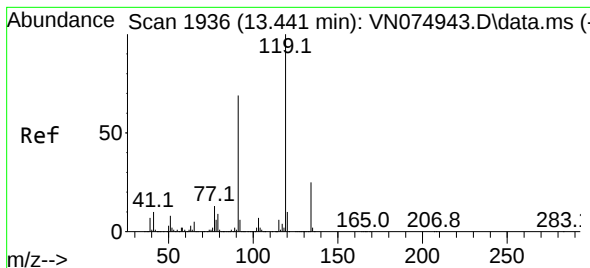
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#82
4-Chlorotoluene
Concen: 42.713 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

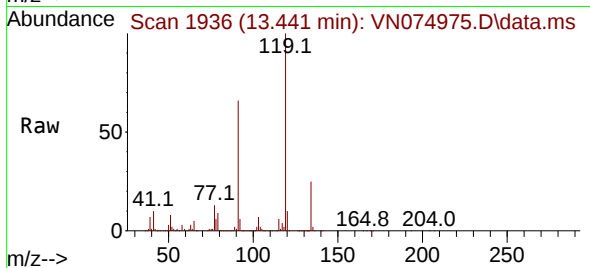
Tgt Ion: 91 Resp: 1920341
Ion Ratio Lower Upper
91 100
126 33.0 17.0 51.0





#83
tert-Butylbenzene
Concen: 44.286 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

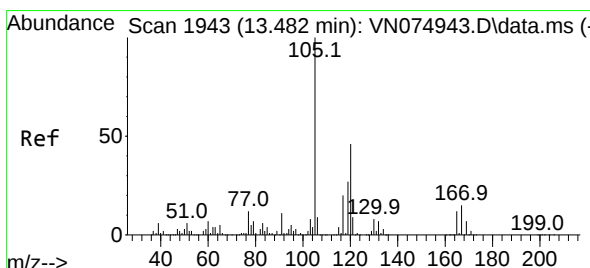
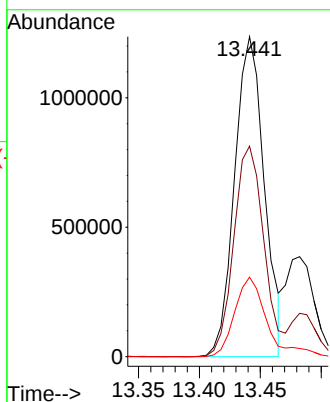
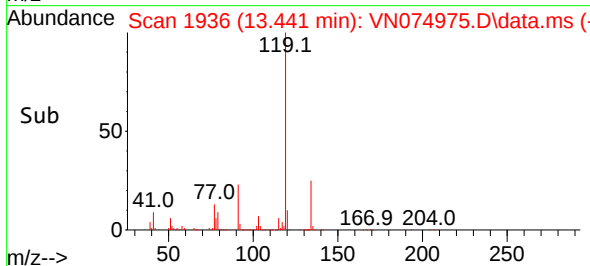
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



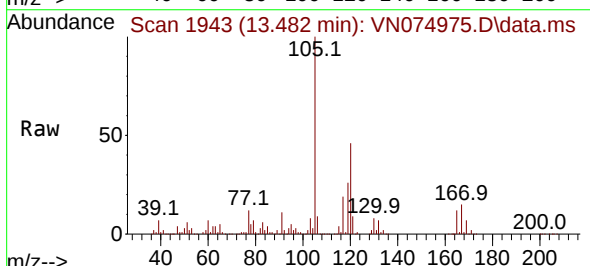
Tgt Ion:119 Resp: 2099348
Ion Ratio Lower Upper
119 100
91 67.2 33.1 99.3
134 26.9 12.4 37.0

Manual Integrations
APPROVED

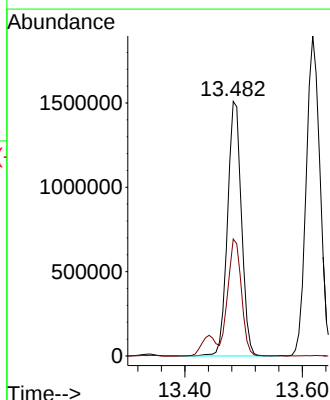
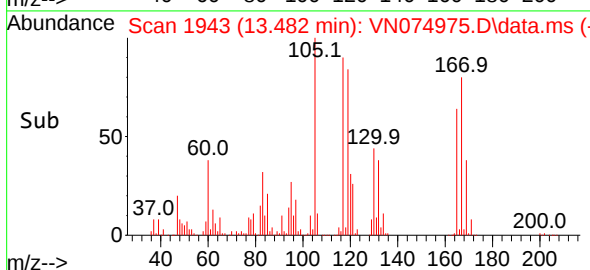
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

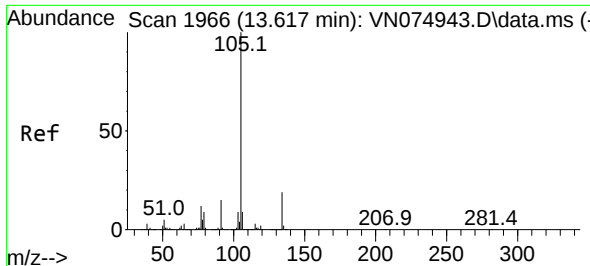


#84
1,2,4-Trimethylbenzene
Concen: 45.842 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37



Tgt Ion:105 Resp: 2480269
Ion Ratio Lower Upper
105 100
120 44.6 22.9 68.5





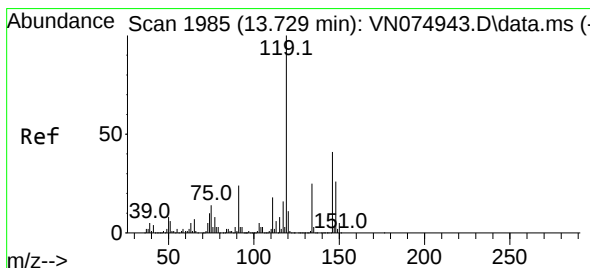
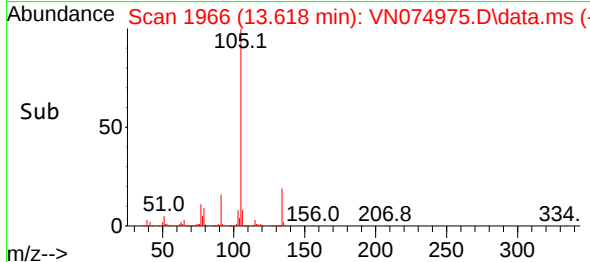
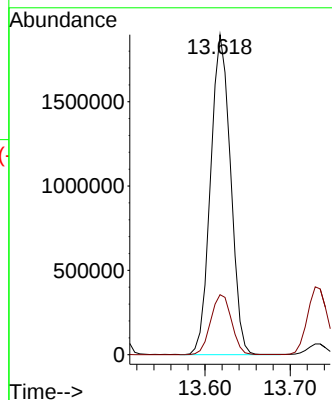
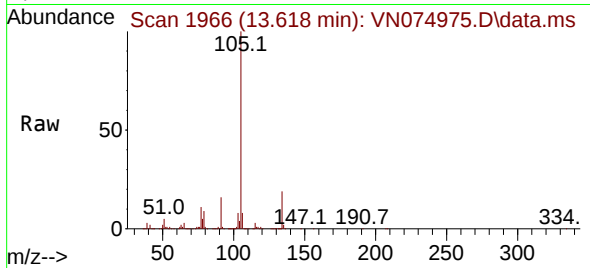
#85
 sec-Butylbenzene
 Concen: 46.484 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074975.D
 Acq: 21 Oct 2022 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 309388
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1

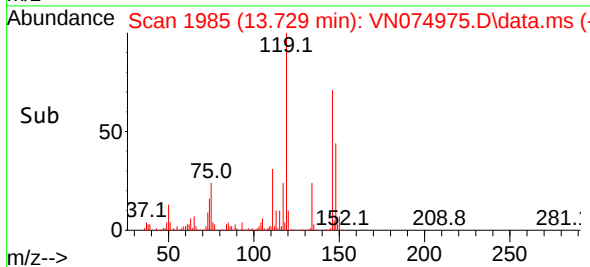
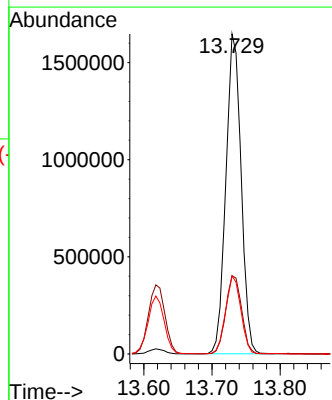
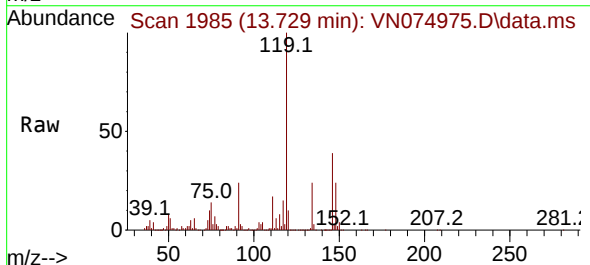
Manual Integrations
 APPROVED

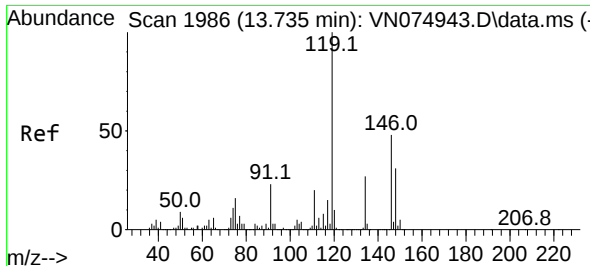
Reviewed By :John Carlone 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#86
 p-Isopropyltoluene
 Concen: 46.672 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN074975.D
 Acq: 21 Oct 2022 20:37

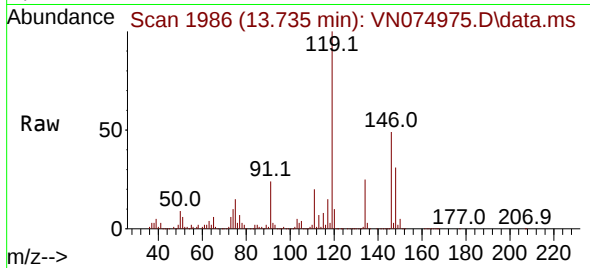
Tgt Ion:119 Resp: 2558381
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.7
 91 24.3 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 46.419 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

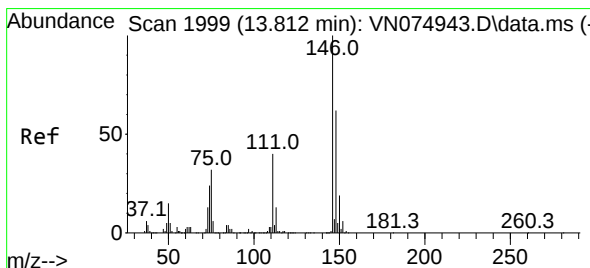
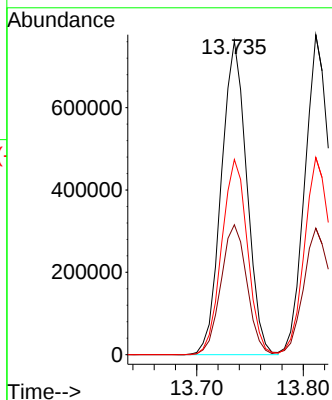
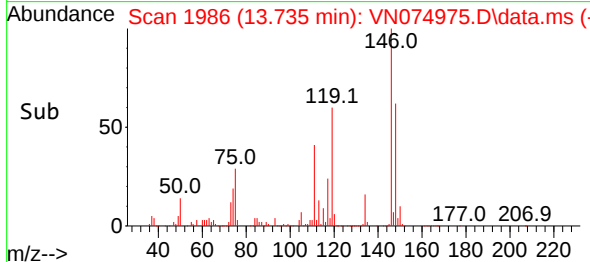
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



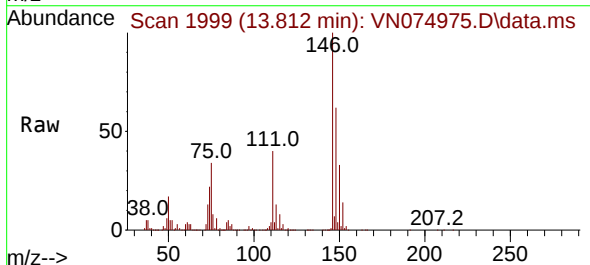
Tgt Ion:146 Resp: 126299
Ion Ratio Lower Upper
146 100
111 42.3 21.5 64.5
148 63.0 31.7 95.1

Manual Integrations
APPROVED

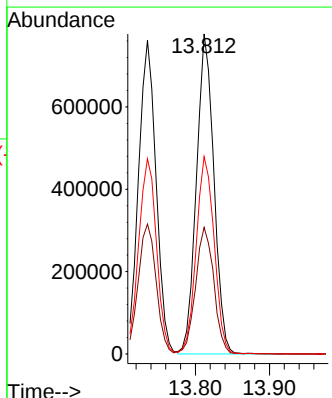
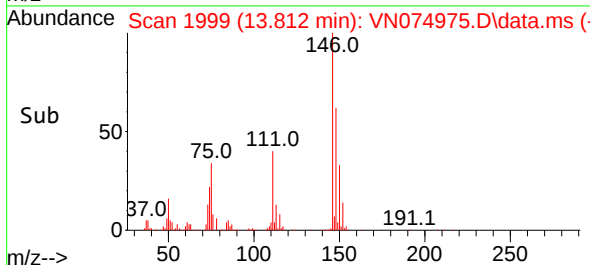
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

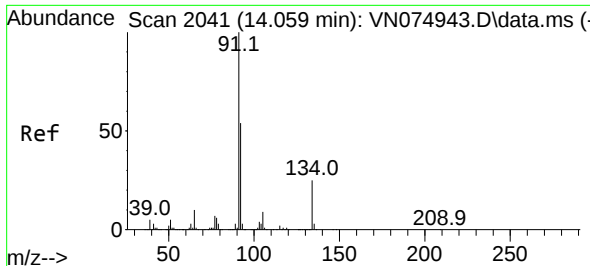


#88
1,4-Dichlorobenzene
Concen: 46.161 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37



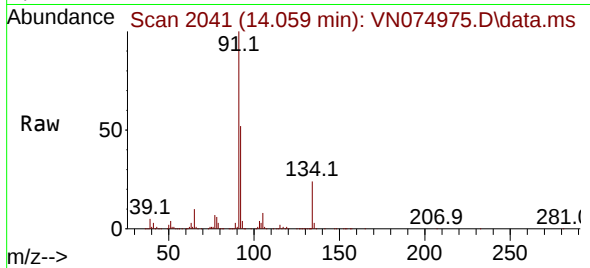
Tgt Ion:146 Resp: 1273370
Ion Ratio Lower Upper
146 100
111 41.5 20.3 61.0
148 63.2 32.3 96.9





#89
n-Butylbenzene
Concen: 47.996 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

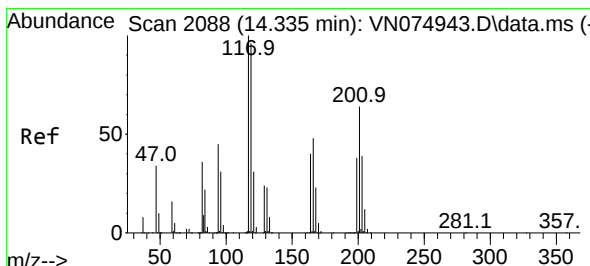
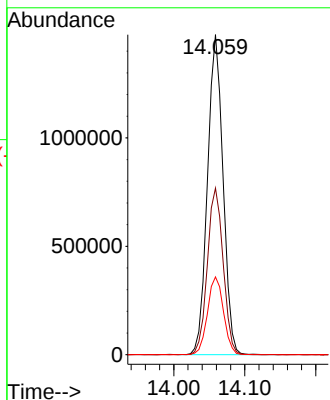
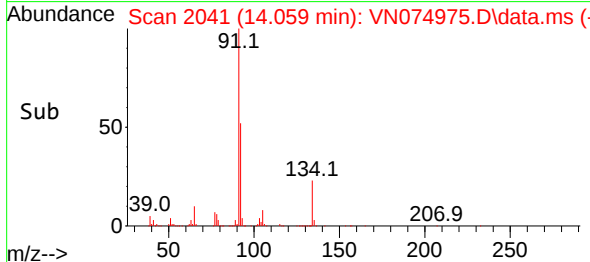
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 2246669
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 25.1 12.6 37.6

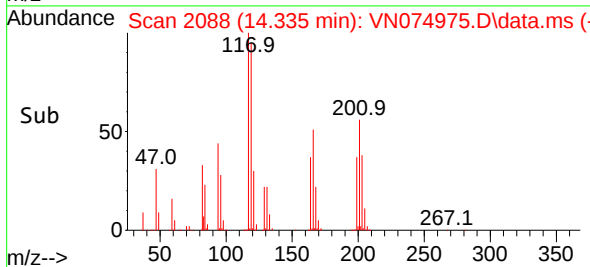
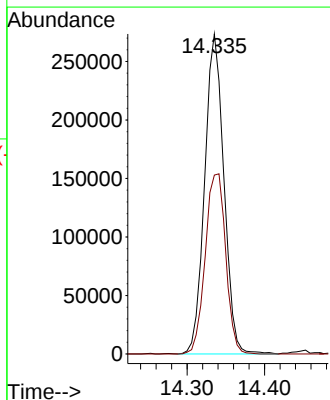
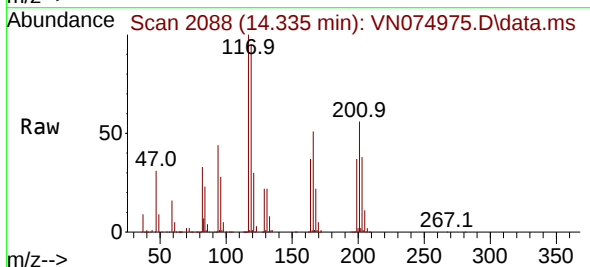
Manual Integrations
APPROVED

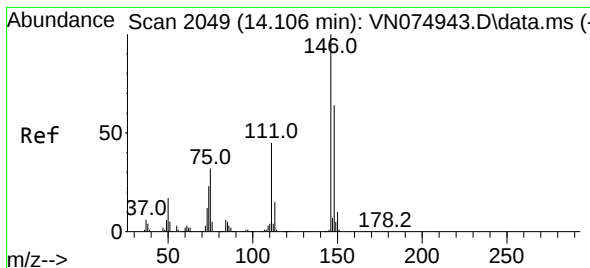
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#90
Hexachloroethane
Concen: 44.470 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

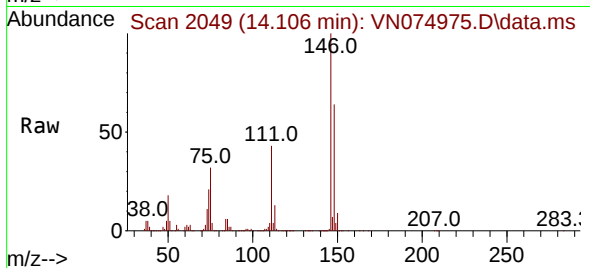
Tgt Ion:117 Resp: 472297
Ion Ratio Lower Upper
117 100
201 59.8 30.6 91.6





#91
1,2-Dichlorobenzene
Concen: 44.603 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

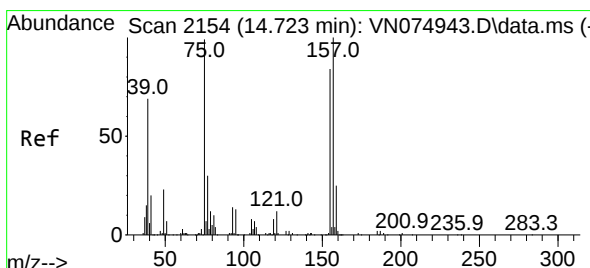
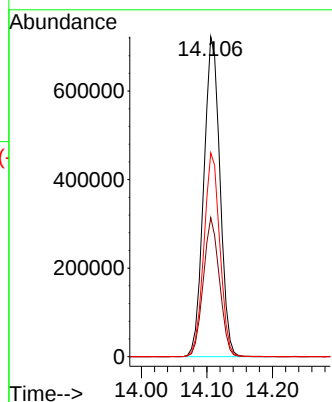
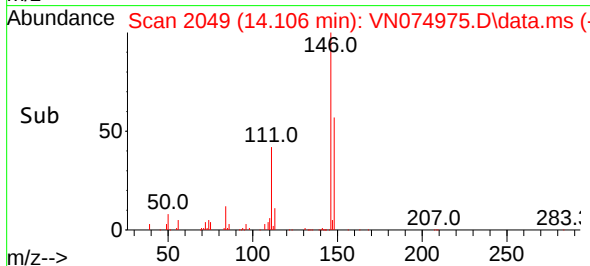
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 1243944
Ion Ratio Lower Upper
146 100
111 43.3 22.2 66.6
148 62.7 31.9 95.5

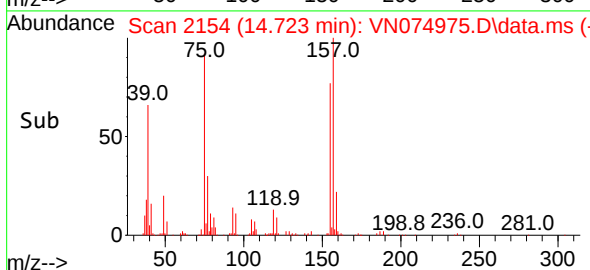
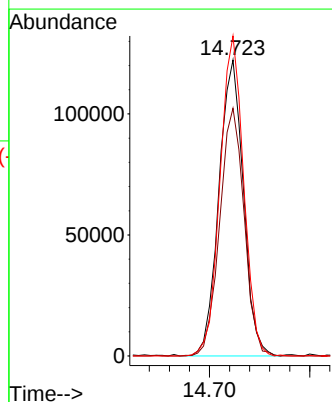
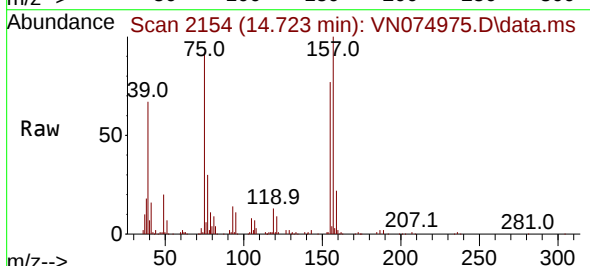
Manual Integrations
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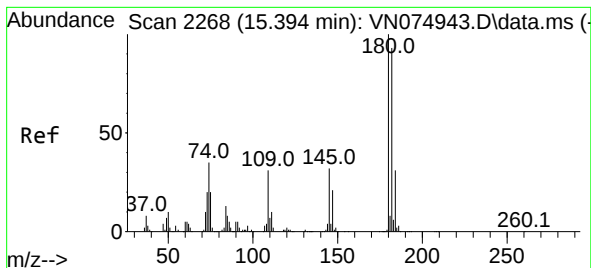
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.010 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

Tgt Ion: 75 Resp: 206971
Ion Ratio Lower Upper
75 100
155 83.4 39.6 118.8
157 104.2 47.8 143.4





#93

1,2,4-Trichlorobenzene

Concen: 45.256 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN074975.D

Acq: 21 Oct 2022 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 549258

Ion Ratio Lower Upper

180 100

182 97.1 46.6 139.7

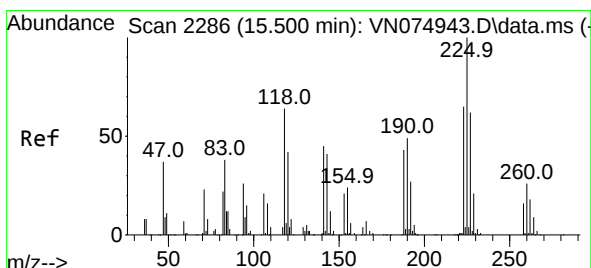
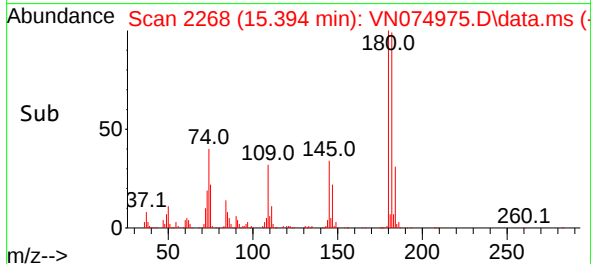
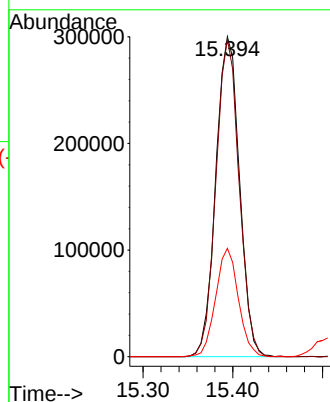
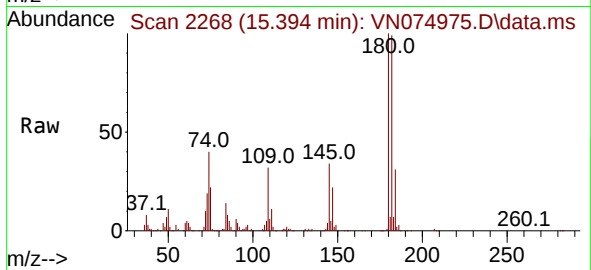
145 32.6 16.7 50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#94

Hexachlorobutadiene

Concen: 39.612 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VN074975.D

Acq: 21 Oct 2022 20:37

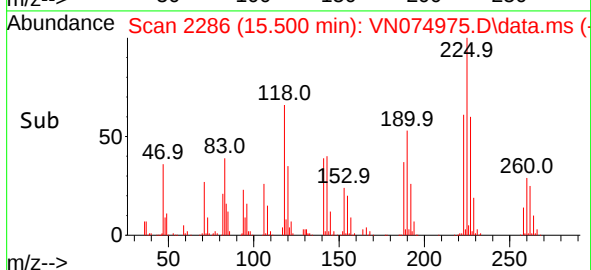
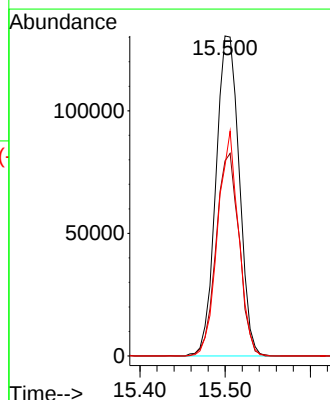
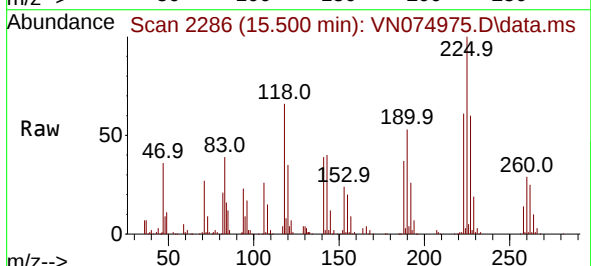
Tgt Ion:225 Resp: 248205

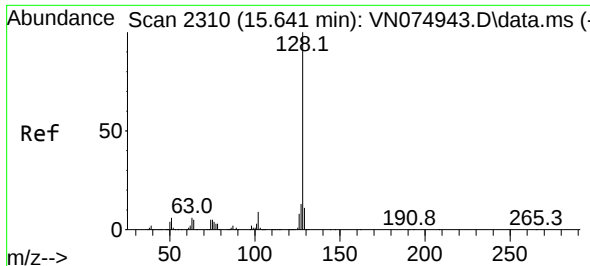
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.5

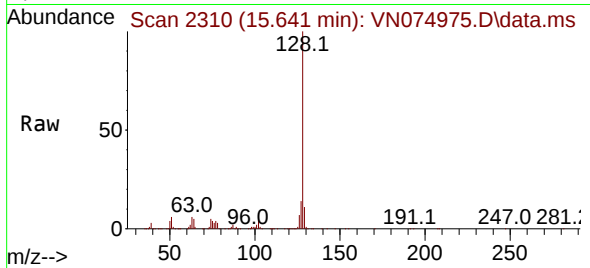
227 63.2 31.4 94.0





#95
Naphthalene
Concen: 51.795 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37

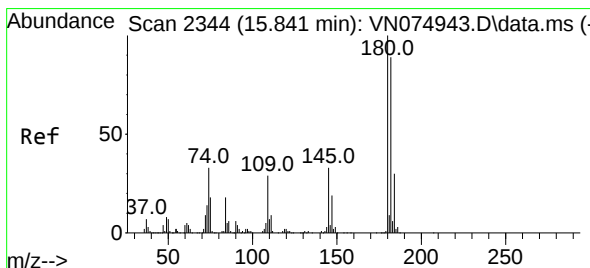
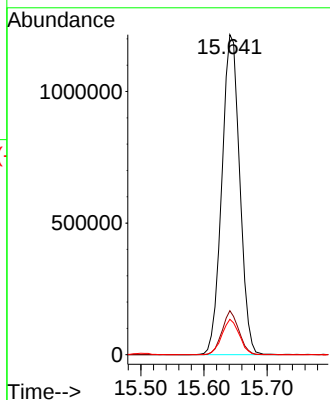
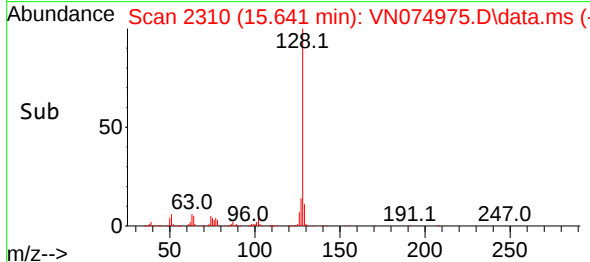
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



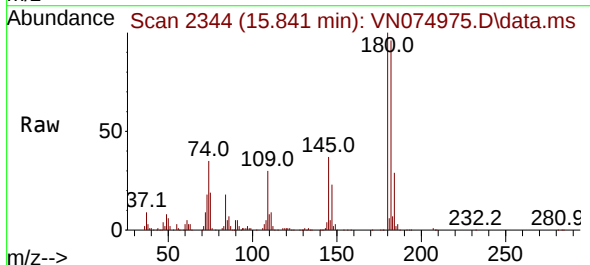
Tgt Ion:128 Resp: 2389128
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 45.498 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN074975.D
Acq: 21 Oct 2022 20:37



Tgt Ion:180 Resp: 555746
Ion Ratio Lower Upper
180 100
182 93.0 46.7 140.1
145 34.3 17.2 51.5

