

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082147.D
 Acq On : 15 May 2024 21:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 16 05:53:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	188860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	325934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	155367	52.099	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.200%			
35) Dibromofluoromethane	8.165	113	102772	51.258	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.520%			
50) Toluene-d8	10.571	98	394859	51.367	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.740%			
62) 4-Bromofluorobenzene	12.853	95	145034	52.861	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	134767	49.494	ug/l	99
3) Chloromethane	2.360	50	153420	49.717	ug/l	100
4) Vinyl Chloride	2.518	62	146044	50.342	ug/l	98
5) Bromomethane	2.954	94	78528	47.094	ug/l	98
6) Chloroethane	3.124	64	94185	49.721	ug/l	99
7) Trichlorofluoromethane	3.501	101	187337	49.315	ug/l	100
8) Diethyl Ether	3.959	74	72430	53.521	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.377	101	105069	47.347	ug/l	98
10) Methyl Iodide	4.595	142	123883	55.532	ug/l	95
11) Tert butyl alcohol	5.518	59	124218	259.490	ug/l	98
12) 1,1-Dichloroethene	4.342	96	102989	49.932	ug/l #	78
13) Acrolein	4.177	56	93806	264.440	ug/l	97
14) Allyl chloride	5.024	41	218546	49.490	ug/l #	90
15) Acrylonitrile	5.718	53	326085	263.019	ug/l	99
16) Acetone	4.424	43	291766	238.502	ug/l	92
17) Carbon Disulfide	4.712	76	313719	47.093	ug/l	99
18) Methyl Acetate	5.024	43	152679	50.115	ug/l #	85
19) Methyl tert-butyl Ether	5.795	73	401852	53.302	ug/l	94
20) Methylene Chloride	5.271	84	122291	49.547	ug/l #	76
21) trans-1,2-Dichloroethene	5.789	96	111035	49.400	ug/l #	80
22) Diisopropyl ether	6.677	45	487554	52.873	ug/l #	93
23) Vinyl Acetate	6.600	43	1980605	272.428	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	242892	51.104	ug/l	96
25) 2-Butanone	7.483	43	479591	258.573	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	186525	46.854	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	136457	51.442	ug/l	82
28) Bromochloromethane	7.812	49	107414	52.100	ug/l #	74
29) Tetrahydrofuran	7.836	42	316565	265.829	ug/l #	82
30) Chloroform	7.965	83	235718	51.935	ug/l	97
31) Cyclohexane	8.259	56	210121	44.116	ug/l #	83
32) 1,1,1-Trichloroethane	8.165	97	204402	50.763	ug/l	94
36) 1,1-Dichloropropene	8.371	75	167080	49.686	ug/l	95
37) Ethyl Acetate	7.559	43	193863	51.515	ug/l #	93
38) Carbon Tetrachloride	8.365	117	173506	50.900	ug/l	97
39) Methylcyclohexane	9.600	83	183270	49.721	ug/l #	86
40) Benzene	8.606	78	515033	51.362	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	116905	52.821	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	198187	51.389	ug/l	95
43) Isopropyl Acetate	8.688	43	352500	52.862	ug/l #	88
44) Trichloroethene	9.353	130	111757	49.063	ug/l	88
45) 1,2-Dichloropropane	9.624	63	133090	51.441	ug/l	100
46) Dibromomethane	9.712	93	85701	50.454	ug/l	97
47) Bromodichloromethane	9.888	83	188954	52.694	ug/l	97
48) Methyl methacrylate	9.683	41	168502	53.031	ug/l #	82
49) 1,4-Dioxane	9.694	88	46897	1053.287	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	1030331	271.949	ug/l	89
52) Toluene	10.630	92	314849	52.321	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	197864	53.352	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	203929	51.948	ug/l #	77
55) 1,1,2-Trichloroethane	11.018	97	114184	52.214	ug/l	98
56) Ethyl methacrylate	10.877	69	207069	55.772	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	213056	52.107	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	530041	276.774	ug/l	89
59) 2-Hexanone	11.194	43	755336	272.281	ug/l	89
60) Dibromochloromethane	11.359	129	131585	54.524	ug/l	98
61) 1,2-Dibromoethane	11.471	107	115464	51.405	ug/l	100
64) Tetrachloroethene	11.106	164	106295	47.726	ug/l	95
65) Chlorobenzene	11.894	112	329299	49.606	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	114389	52.314	ug/l	99
67) Ethyl Benzene	11.965	91	605111	50.957	ug/l	97
68) m/p-Xylenes	12.071	106	444497	102.131	ug/l	91
69) o-Xylene	12.400	106	217261	51.534	ug/l	91
70) Styrene	12.412	104	375667	53.647	ug/l	96
71) Bromoform	12.576	173	87776	50.466	ug/l #	99
73) Isopropylbenzene	12.694	105	561733	50.258	ug/l	97
74) N-amyl acetate	12.494	43	315862	51.377	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	162927	50.569	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	150841m	50.940	ug/l	
77) Bromobenzene	12.982	156	132160	49.617	ug/l	87
78) n-propylbenzene	13.035	91	671496	50.735	ug/l	96
79) 2-Chlorotoluene	13.124	91	408484	49.150	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	468449	51.833	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	61478	48.560	ug/l #	79
82) 4-Chlorotoluene	13.224	91	409731	50.423	ug/l	94
83) tert-Butylbenzene	13.441	119	399296	50.502	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	480083	51.922	ug/l	96
85) sec-Butylbenzene	13.618	105	560486	51.143	ug/l	97
86) p-Isopropyltoluene	13.729	119	466042	52.326	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	240989	49.939	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	237620	48.246	ug/l	97
89) n-Butylbenzene	14.059	91	404751	50.561	ug/l	98
90) Hexachloroethane	14.335	117	84253	51.057	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	228718	50.072	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	34440	52.027	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	128142	50.047	ug/l	98
94) Hexachlorobutadiene	15.500	225	50305	44.775	ug/l	97
95) Naphthalene	15.641	128	431545	53.782	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	130851	51.050	ug/l	97

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Instrument :
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ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

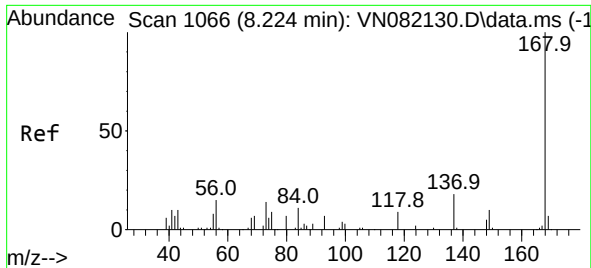
Quant Time: May 16 05:53:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

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

Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082147.D
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Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

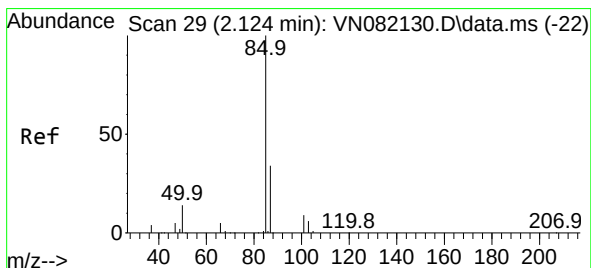
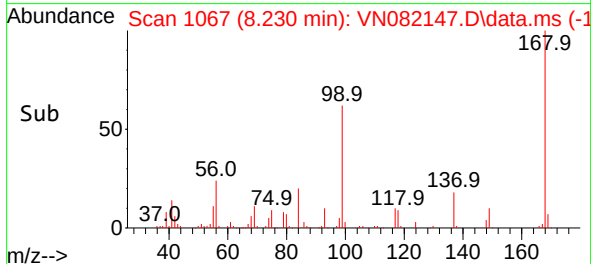
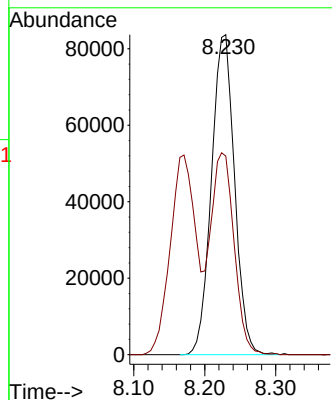
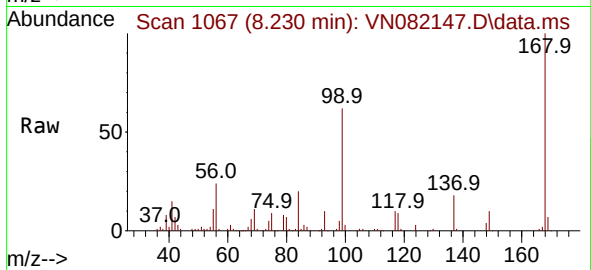
Tgt Ion:168 Resp: 188860
Ion Ratio Lower Upper
168 100
99 62.1 48.2 72.4

Manual Integrations

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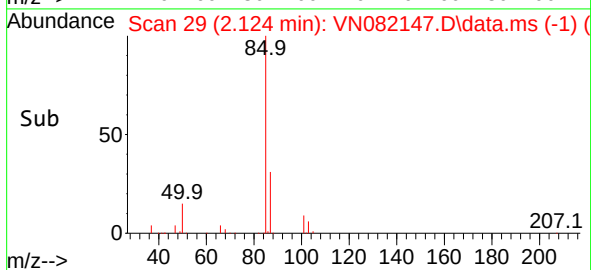
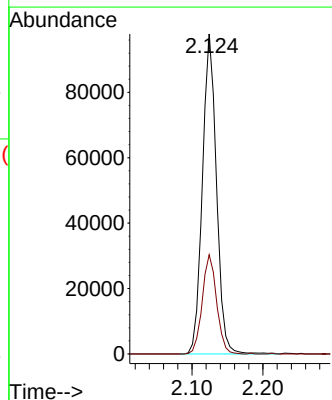
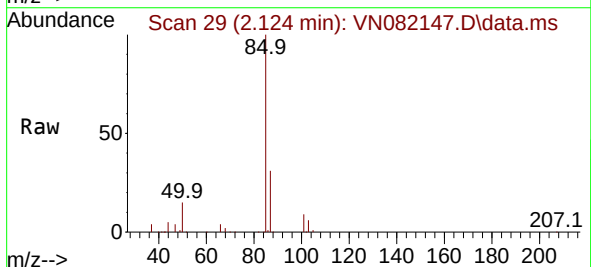
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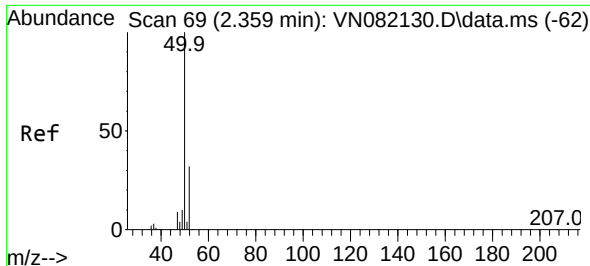
Supervised By :Mahesh Dadoda 05/16/2024



#2
Dichlorodifluoromethane
Concen: 49.494 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

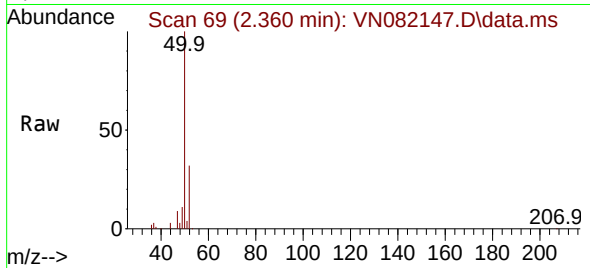
Tgt Ion: 85 Resp: 134767
Ion Ratio Lower Upper
85 100
87 31.0 15.8 47.4





#3
Chloromethane
Concen: 49.717 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

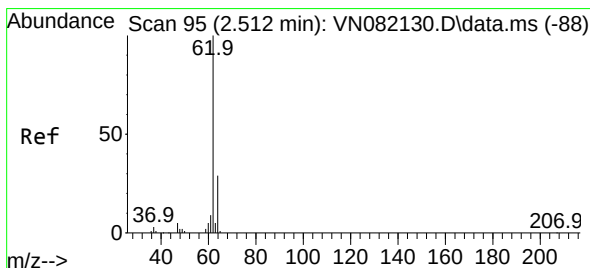
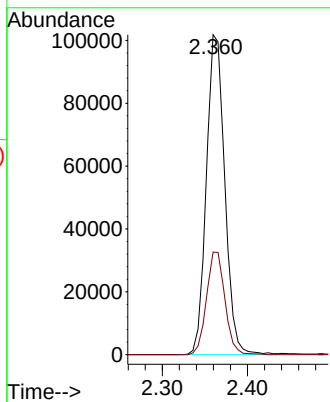
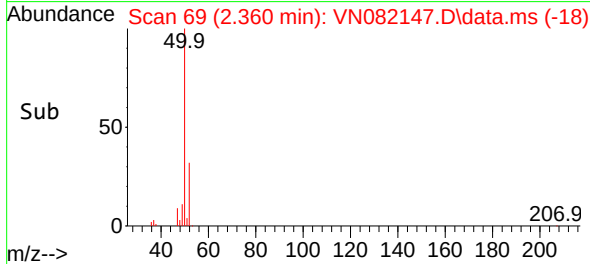
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 153420
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3

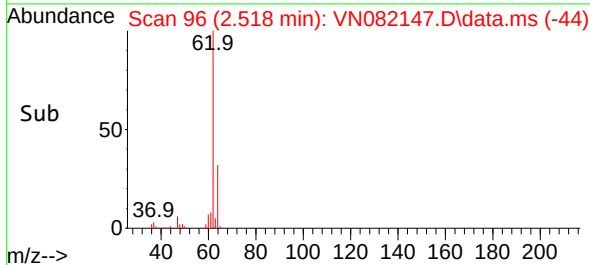
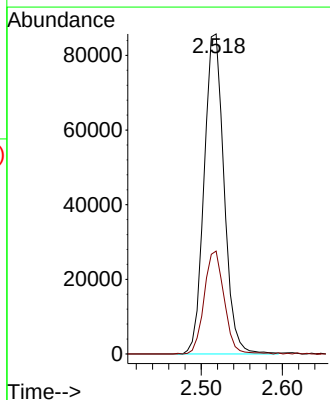
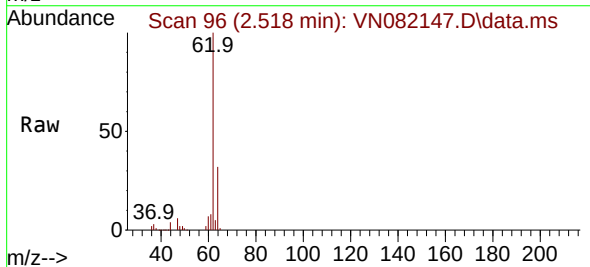
Manual Integrations
APPROVED

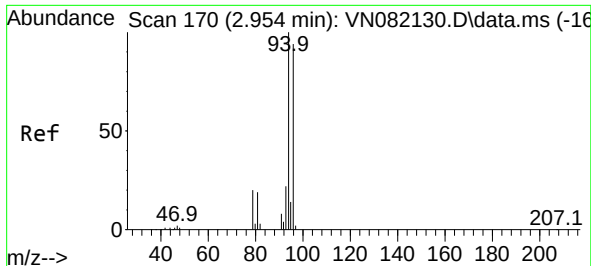
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#4
Vinyl Chloride
Concen: 50.342 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

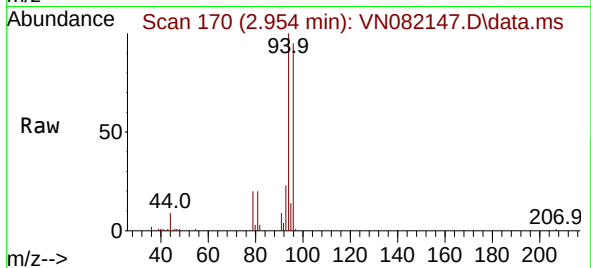
Tgt Ion: 62 Resp: 146044
Ion Ratio Lower Upper
62 100
64 32.0 24.6 37.0





#5
Bromomethane
Concen: 47.094 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082147.D
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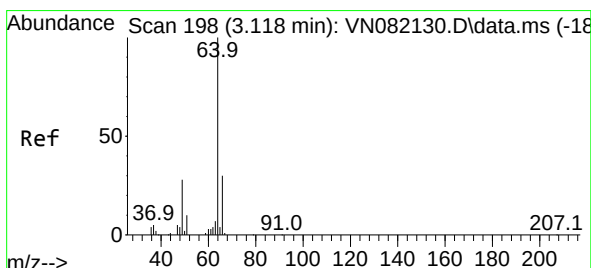
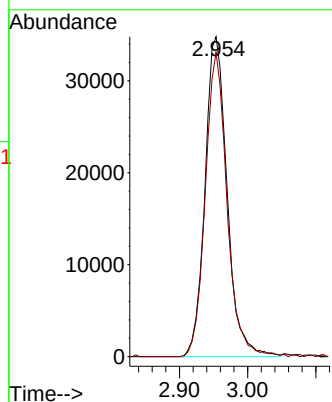
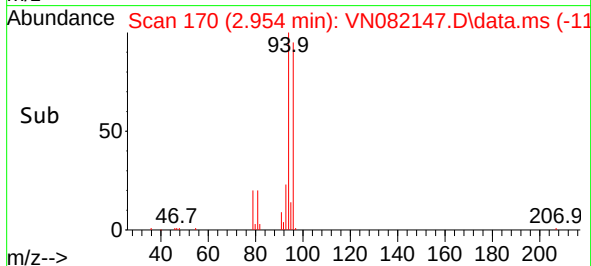
Instrument :
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Tgt Ion: 94 Resp: 78528
Ion Ratio Lower Upper
94 100
96 95.1 74.8 112.2

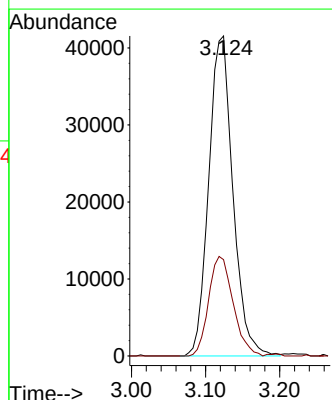
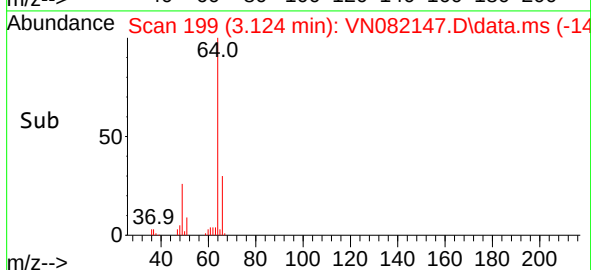
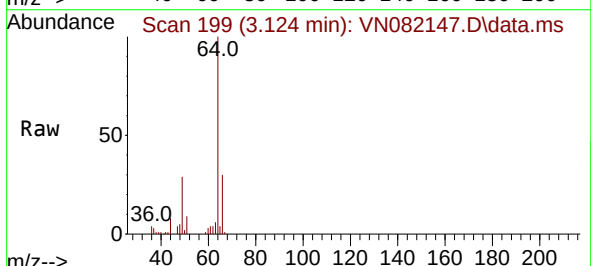
Manual Integrations
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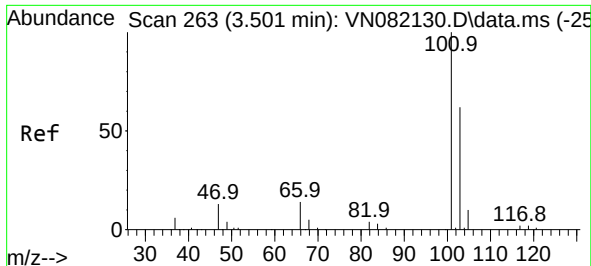
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#6
Chloroethane
Concen: 49.721 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082147.D
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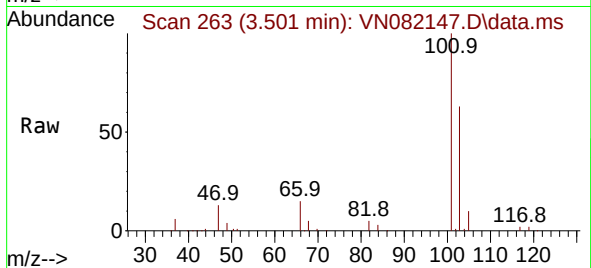
Tgt Ion: 64 Resp: 94185
Ion Ratio Lower Upper
64 100
66 30.1 24.7 37.1





#7
Trichlorofluoromethane
Concen: 49.315 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

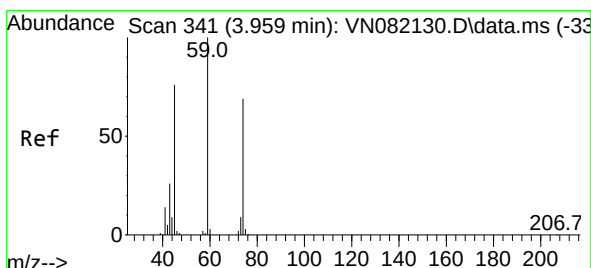
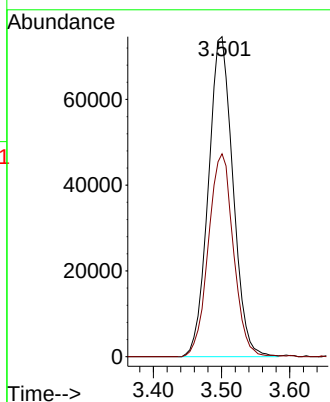
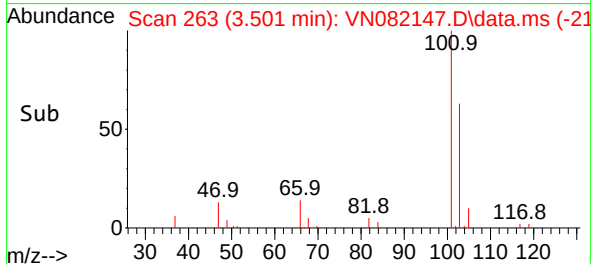
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 18733
Ion Ratio Lower Upper
101 100
103 63.4 50.6 75.8

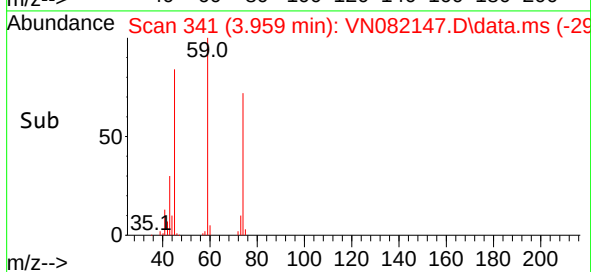
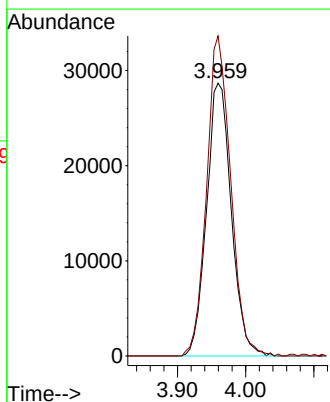
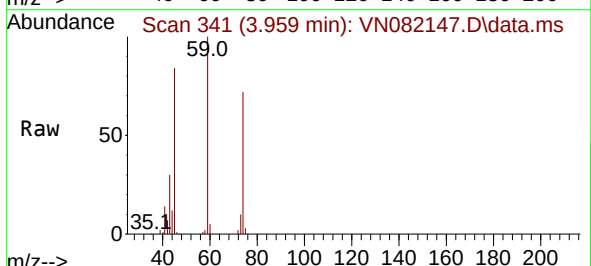
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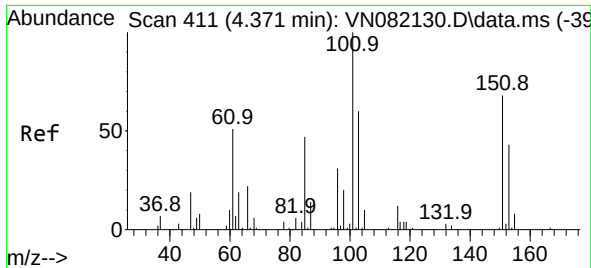
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#8
Diethyl Ether
Concen: 53.521 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 74 Resp: 72430
Ion Ratio Lower Upper
74 100
45 114.1 42.4 127.3





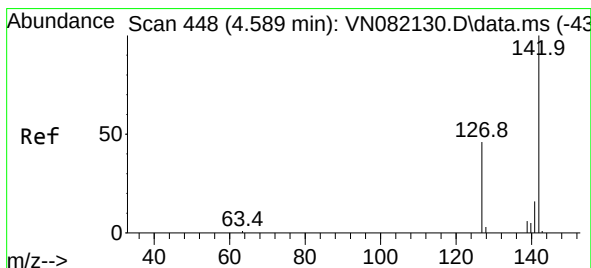
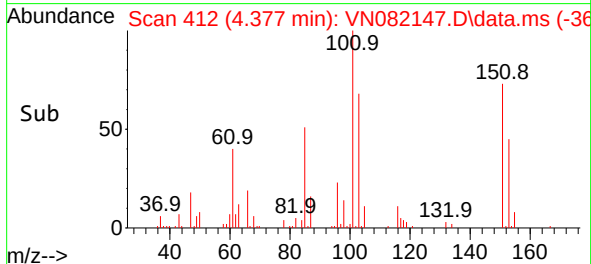
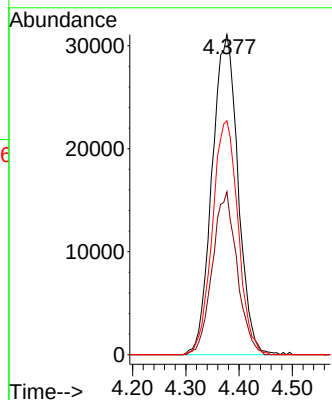
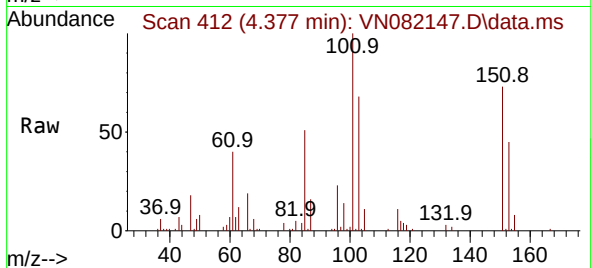
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.347 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 105069
Ion Ratio Lower Upper
101 100
85 48.3 37.3 55.9
151 72.4 59.2 88.8

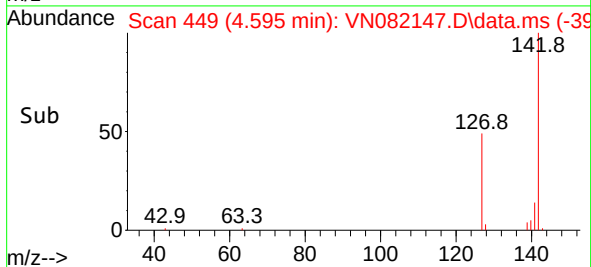
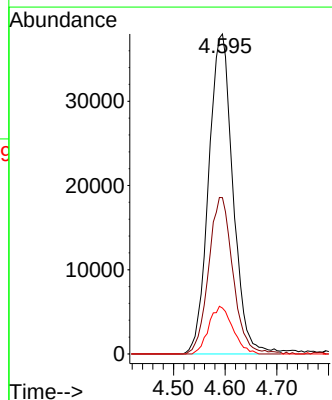
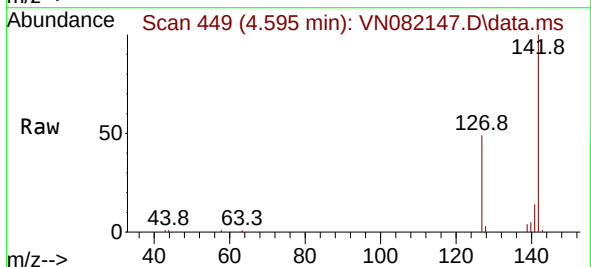
Manual Integrations
APPROVED

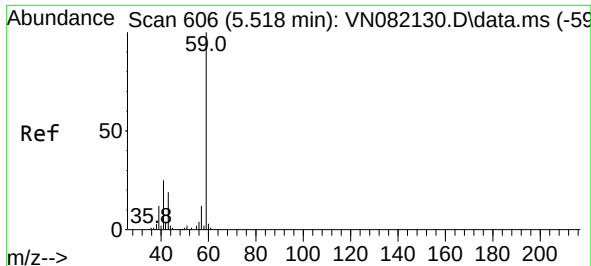
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#10
Methyl Iodide
Concen: 55.532 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

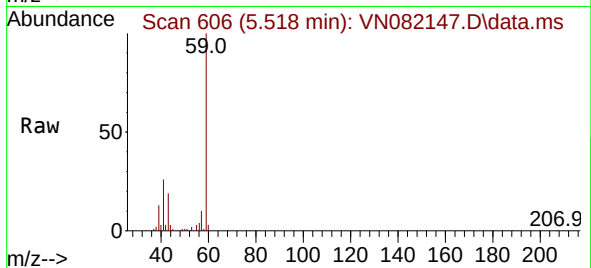
Tgt Ion:142 Resp: 123883
Ion Ratio Lower Upper
142 100
127 48.9 35.8 53.6
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 259.490 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

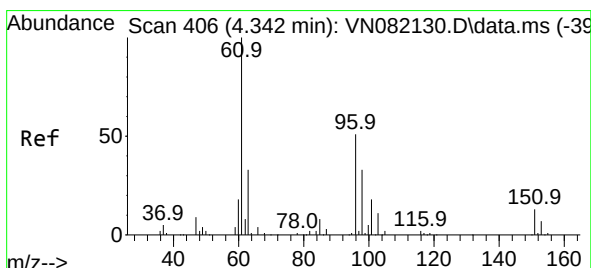
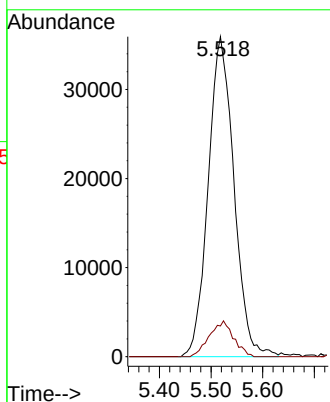
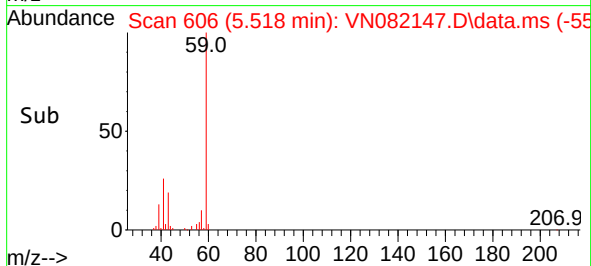
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



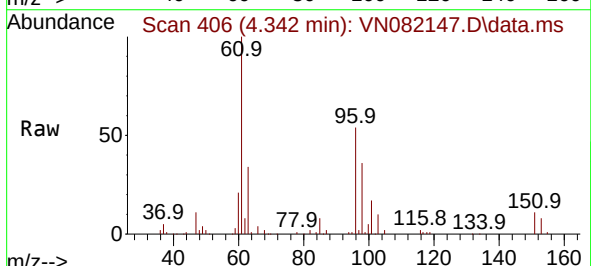
Tgt Ion: 59 Resp: 124218
Ion Ratio Lower Upper
59 100
57 10.5 8.9 13.3

Manual Integrations
APPROVED

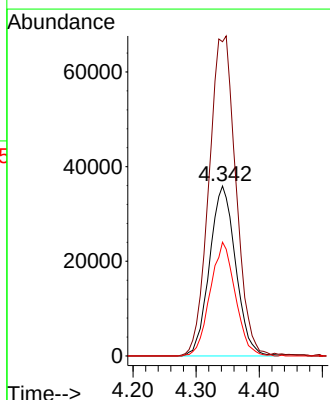
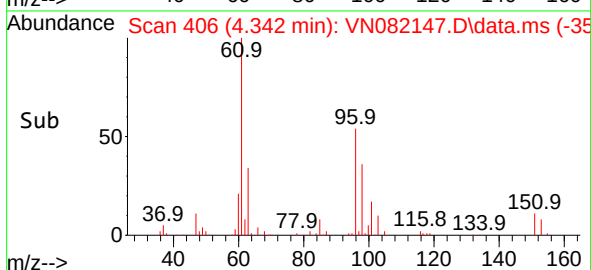
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

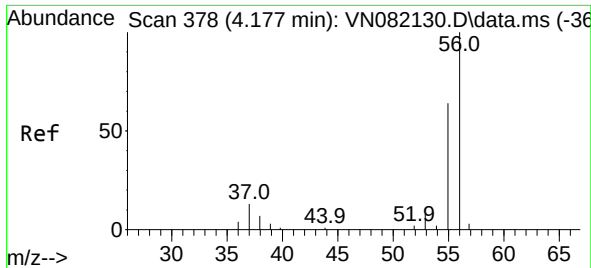


#12
1,1-Dichloroethene
Concen: 49.932 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37



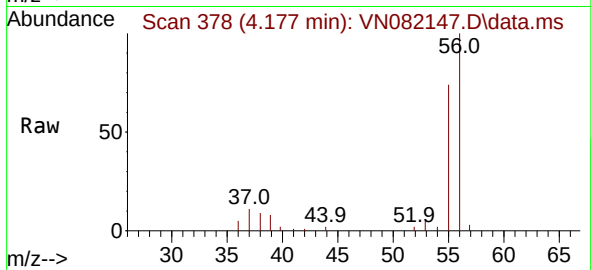
Tgt Ion: 96 Resp: 102989
Ion Ratio Lower Upper
96 100
61 184.9 119.7 179.5#
98 66.9 49.6 74.4





#13
Acrolein
Concen: 264.440 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

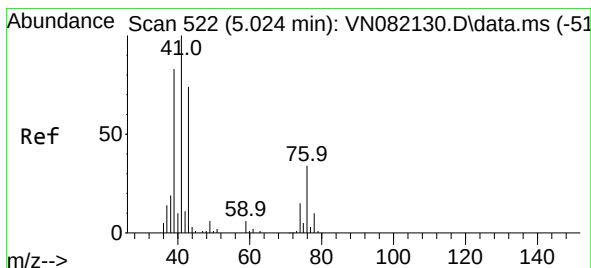
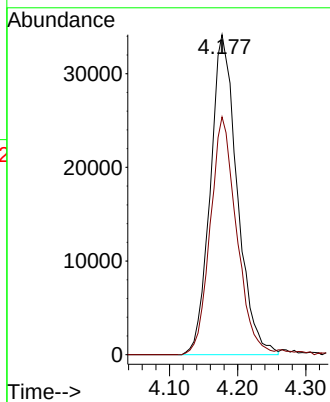
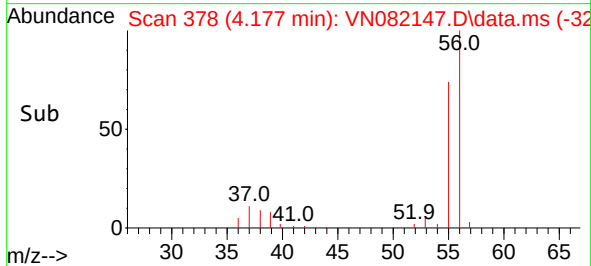
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 93800
Ion Ratio Lower Upper
56 100
55 72.6 55.8 83.8

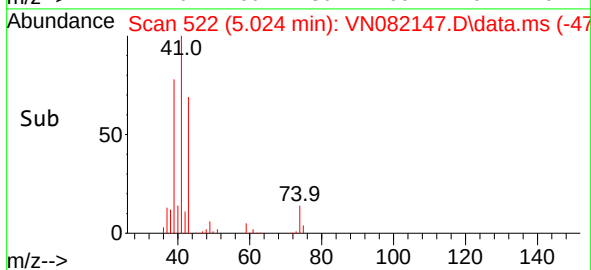
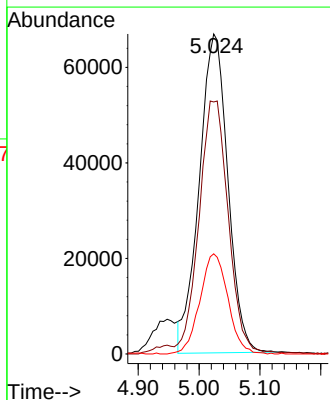
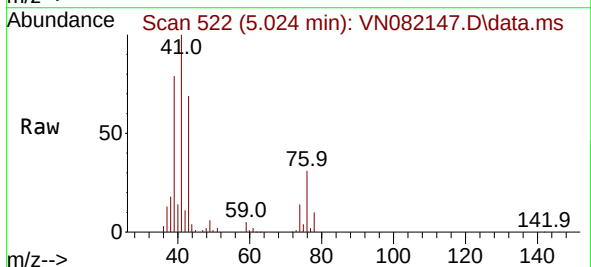
Manual Integrations
APPROVED

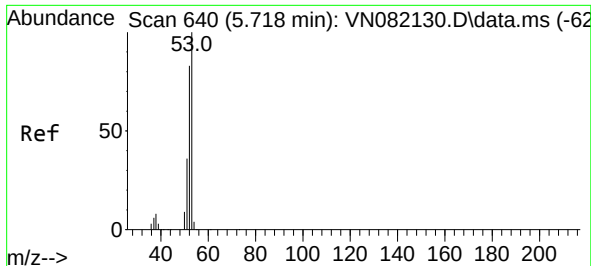
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#14
Allyl chloride
Concen: 49.490 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

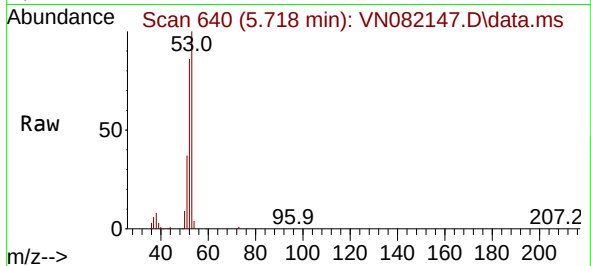
Tgt Ion: 41 Resp: 218546
Ion Ratio Lower Upper
41 100
39 80.5 65.4 98.0
76 30.7 37.3 55.9#





#15
Acrylonitrile
Concen: 263.019 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

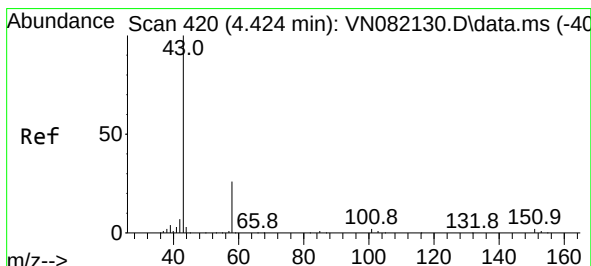
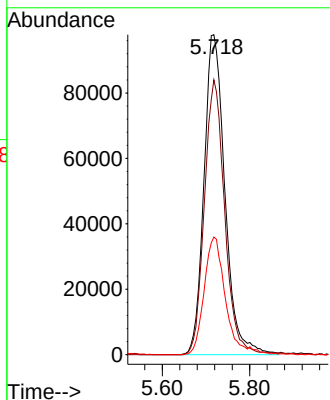
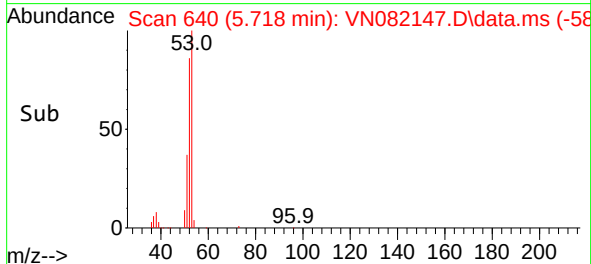
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 326085
Ion Ratio Lower Upper
53 100
52 83.6 66.1 99.1
51 37.5 29.4 44.2

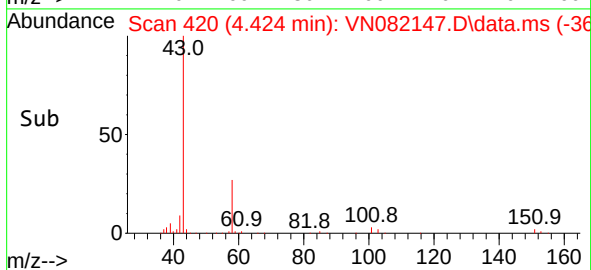
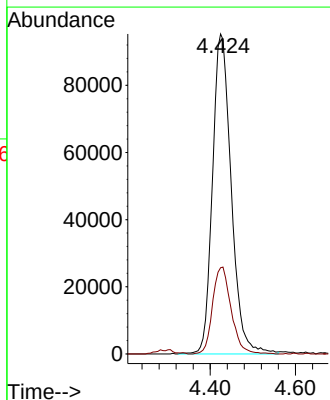
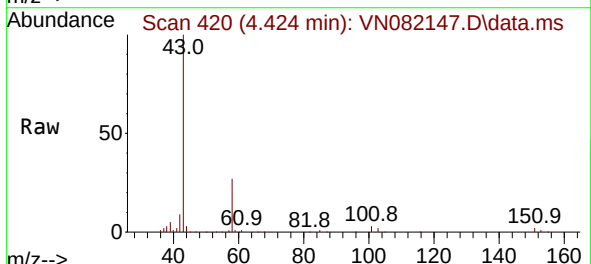
Manual Integrations
APPROVED

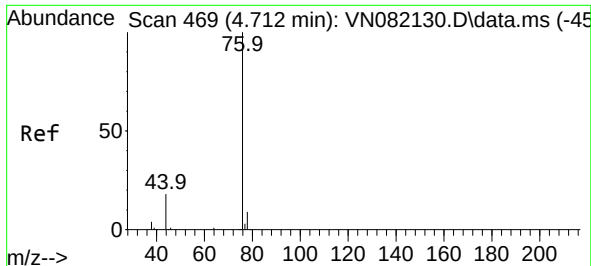
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#16
Acetone
Concen: 238.502 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

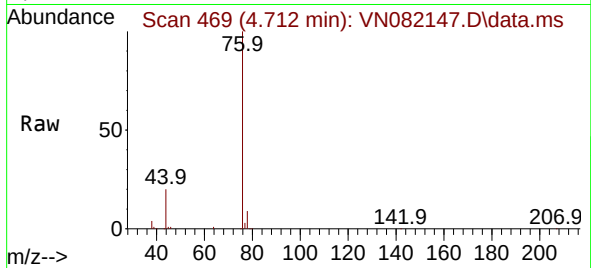
Tgt Ion: 43 Resp: 291766
Ion Ratio Lower Upper
43 100
58 26.9 25.2 37.8





#17
Carbon Disulfide
Concen: 47.093 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

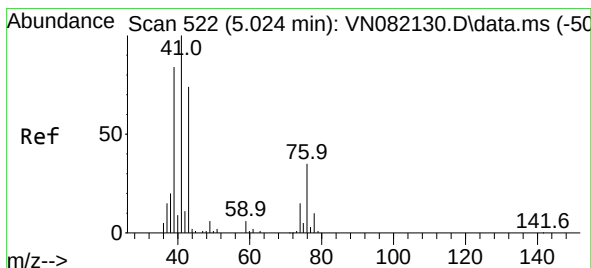
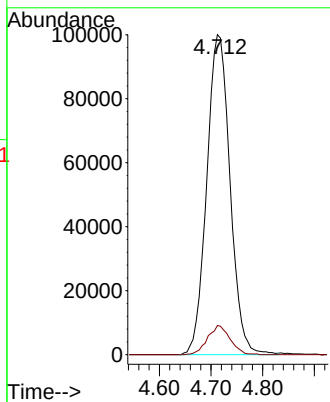
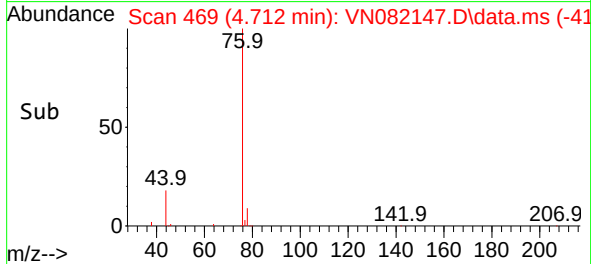
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 313719
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

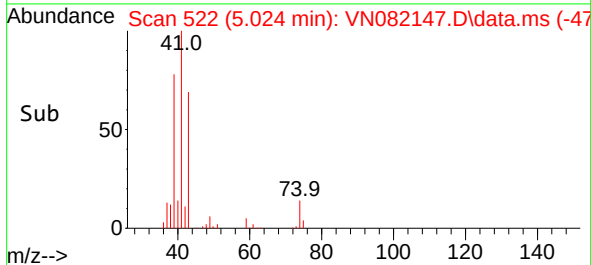
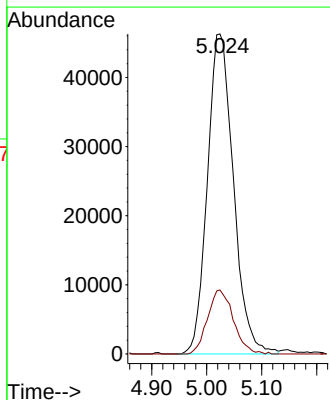
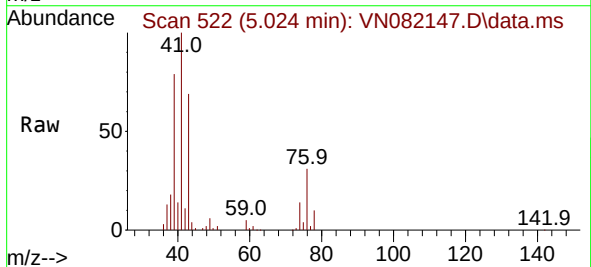
Manual Integrations
APPROVED

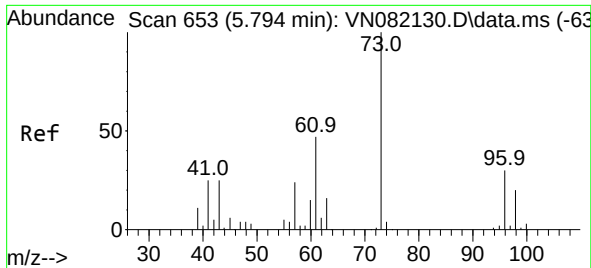
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#18
Methyl Acetate
Concen: 50.115 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 43 Resp: 152679
Ion Ratio Lower Upper
43 100
74 19.7 22.2 33.2#





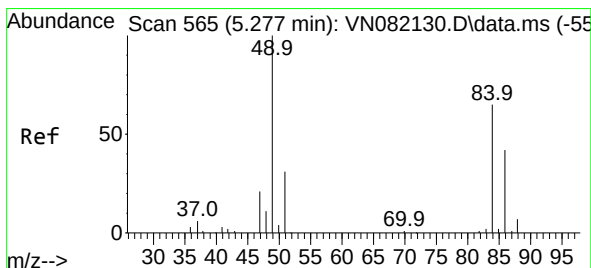
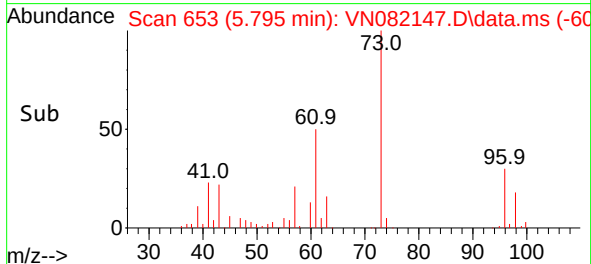
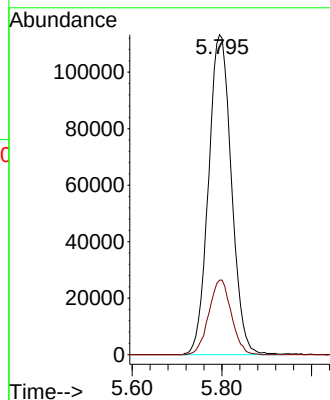
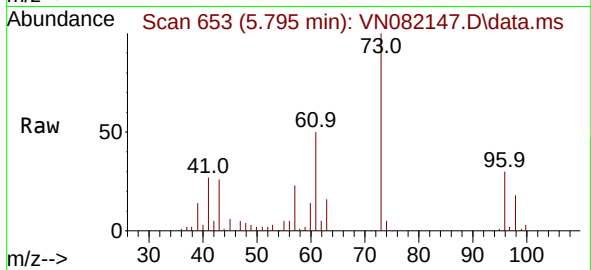
#19
Methyl tert-butyl Ether
Concen: 53.302 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 401852
Ion Ratio Lower Upper
73 100
57 23.3 16.5 24.7

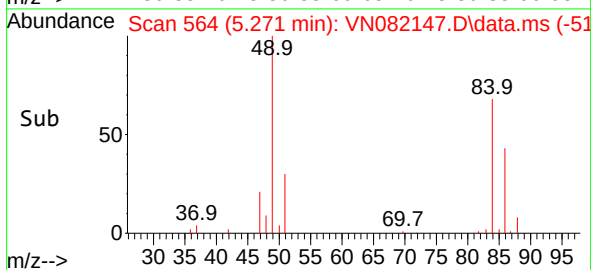
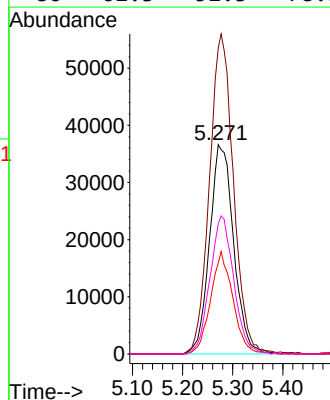
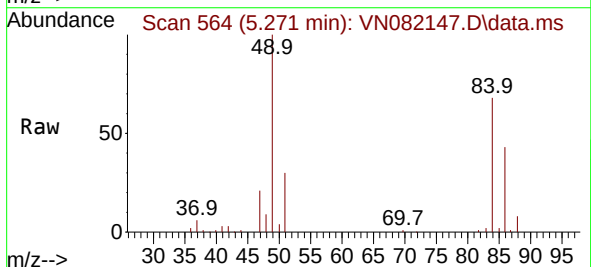
Manual Integrations
APPROVED

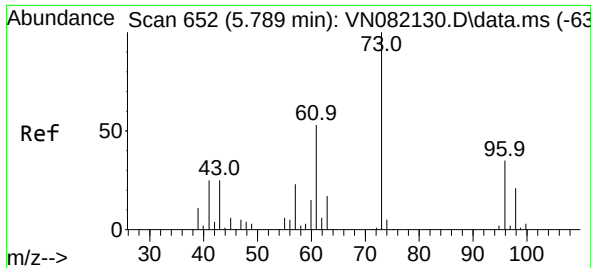
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#20
Methylene Chloride
Concen: 49.547 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

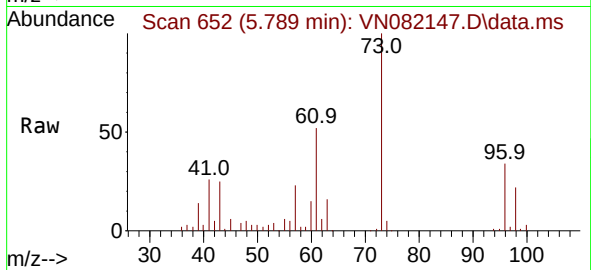
Tgt Ion: 84 Resp: 122291
Ion Ratio Lower Upper
84 100
49 146.2 84.9 127.3#
51 43.4 27.0 40.6#
86 62.3 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 49.400 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

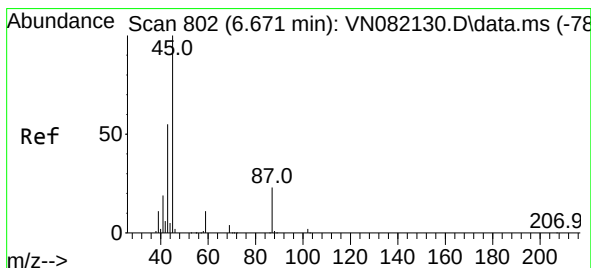
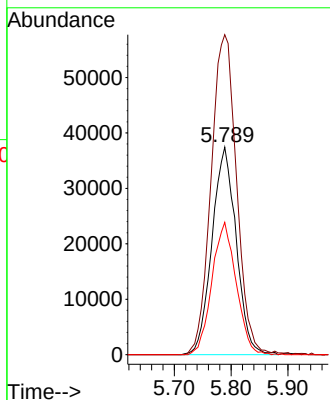
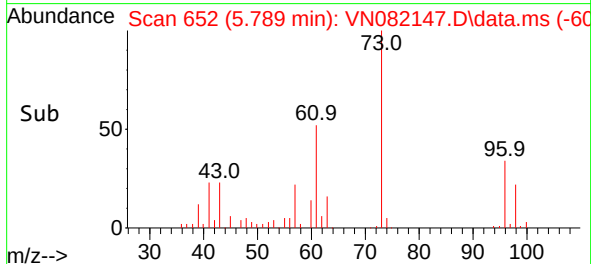
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



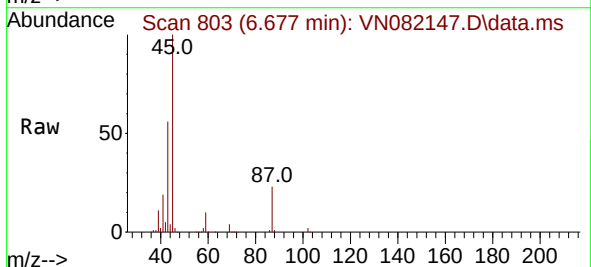
Tgt Ion: 96 Resp: 111035
Ion Ratio Lower Upper
96 100
61 154.2 96.5 144.7
98 63.8 51.3 76.9

Manual Integrations
APPROVED

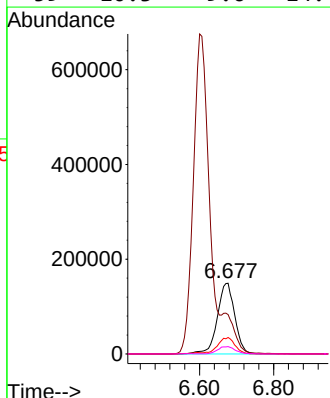
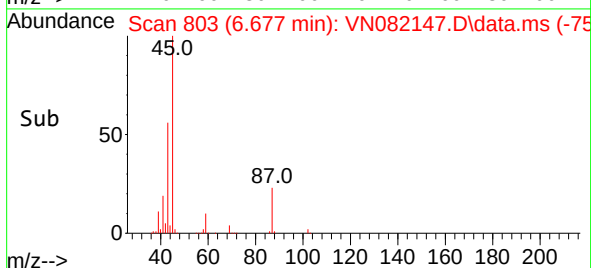
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

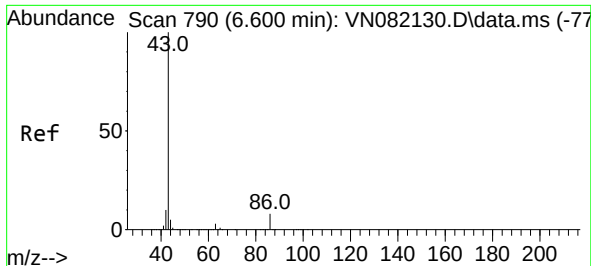


#22
Diisopropyl ether
Concen: 52.873 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37



Tgt Ion: 45 Resp: 487554
Ion Ratio Lower Upper
45 100
43 55.2 44.1 66.1
87 23.3 27.0 40.6
59 10.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 272.428 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN082147.D
 Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

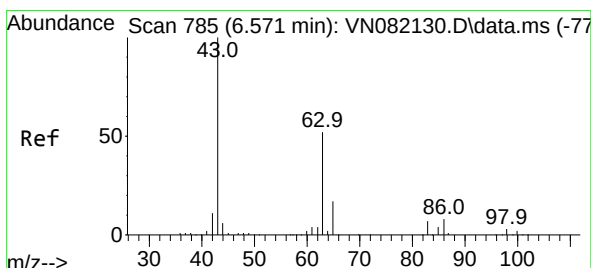
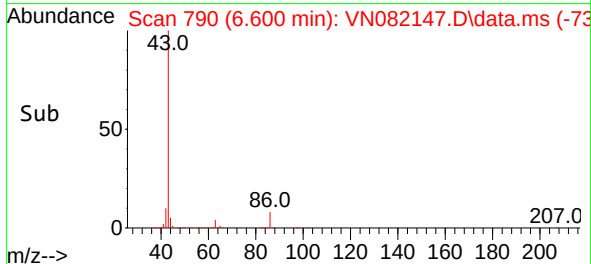
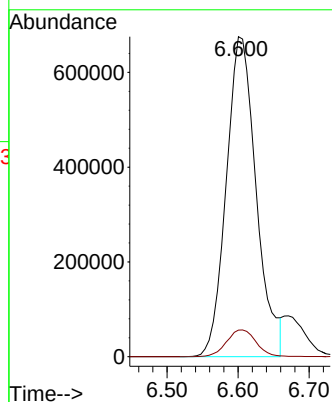
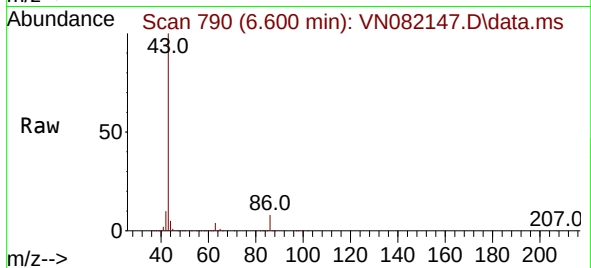
VSTDCCC050EC

Tgt Ion: 43 Resp: 198060
 Ion Ratio Lower Upper
 43 100
 86 8.3 10.2 15.4

Manual Integrations

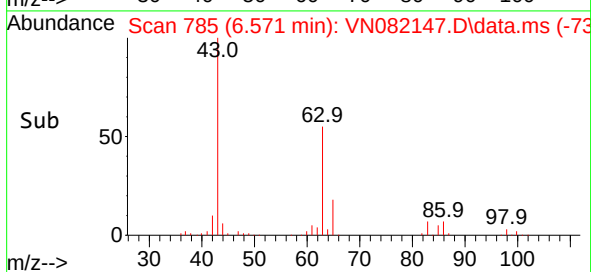
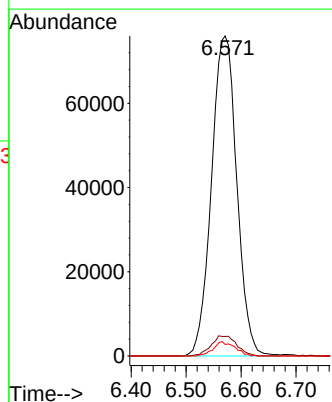
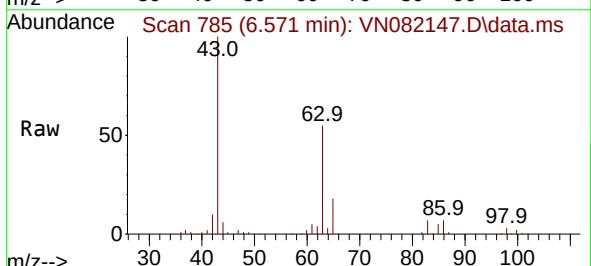
APPROVED

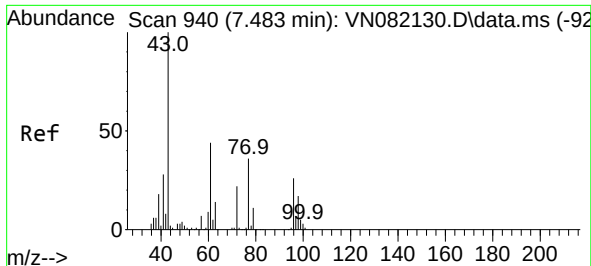
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#24
 1,1-Dichloroethane
 Concen: 51.104 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082147.D
 Acq: 15 May 2024 21:37

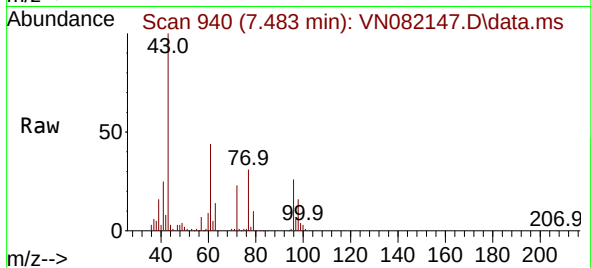
Tgt Ion: 63 Resp: 242892
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.6 10.9
 100 3.6 2.6 7.8





#25
2-Butanone
Concen: 258.573 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

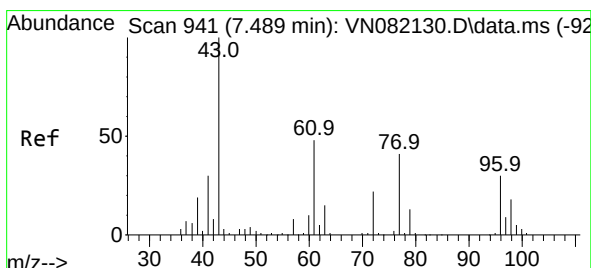
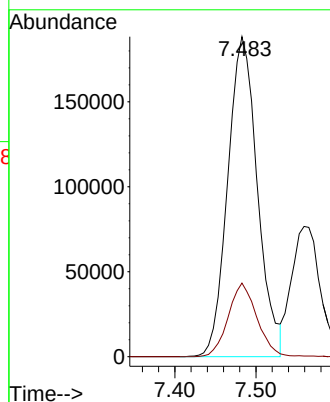
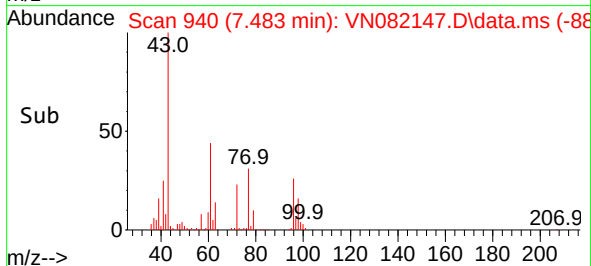
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 47959
Ion Ratio Lower Upper
43 100
72 23.0 25.3 37.9

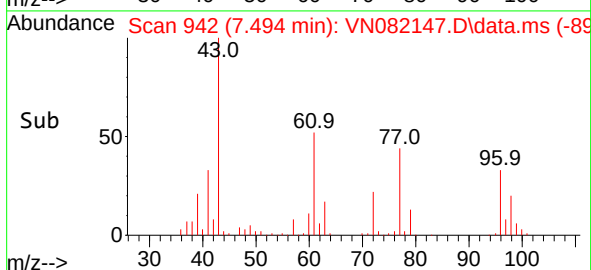
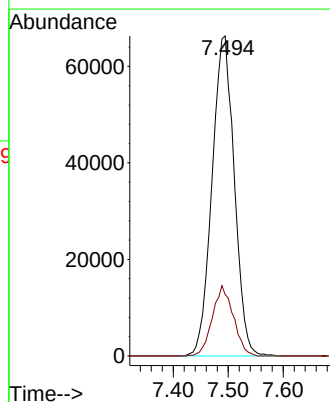
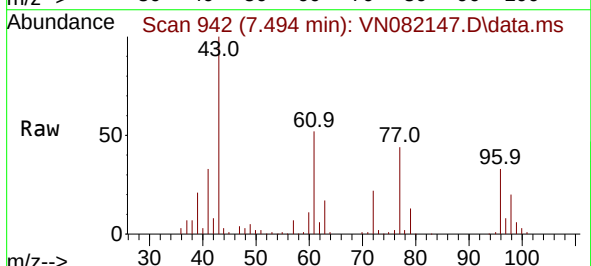
Manual Integrations
APPROVED

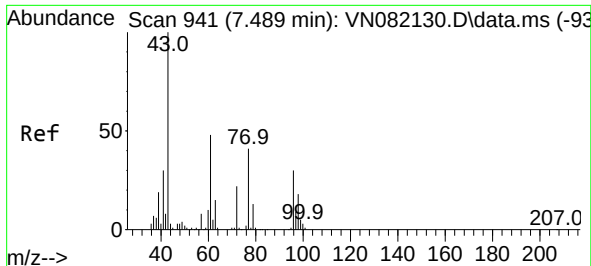
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#26
2,2-Dichloropropane
Concen: 46.854 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

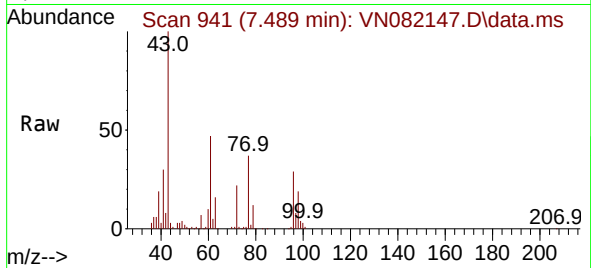
Tgt Ion: 77 Resp: 186525
Ion Ratio Lower Upper
77 100
97 20.7 11.3 33.9





#27
 cis-1,2-Dichloroethene
 Concen: 51.442 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082147.D
 Acq: 15 May 2024 21:37

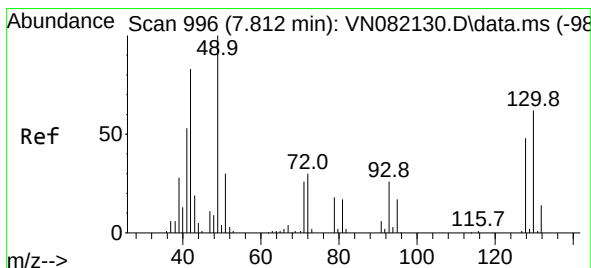
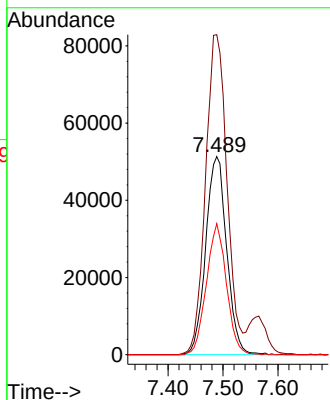
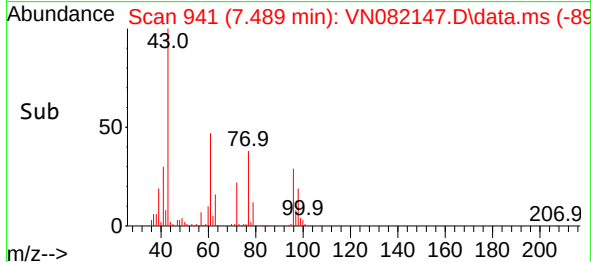
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 13645
 Ion Ratio Lower Upper
 96 100
 61 164.4 0.0 268.0
 98 63.1 0.0 126.8

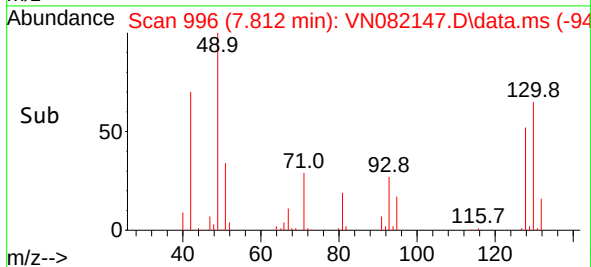
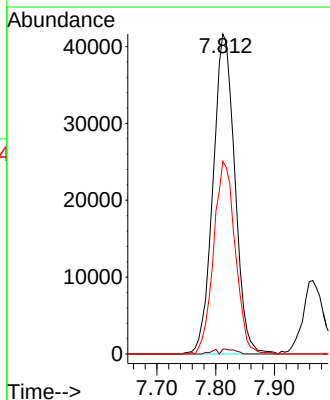
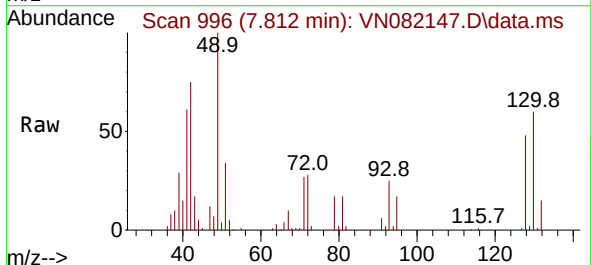
Manual Integrations
 APPROVED

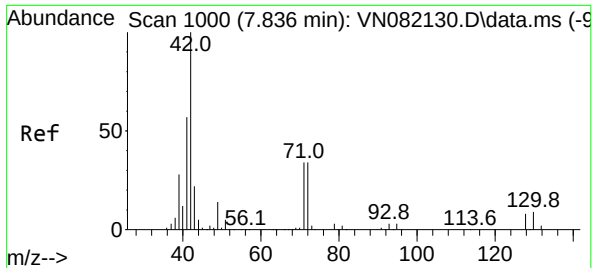
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#28
 Bromochloromethane
 Concen: 52.100 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082147.D
 Acq: 15 May 2024 21:37

Tgt Ion: 49 Resp: 107414
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.6
 130 59.5 66.7 100.1#





#29

Tetrahydrofuran

Concen: 265.829 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 31656

Ion Ratio Lower Upper

42 100

72 37.0 39.3 58.9

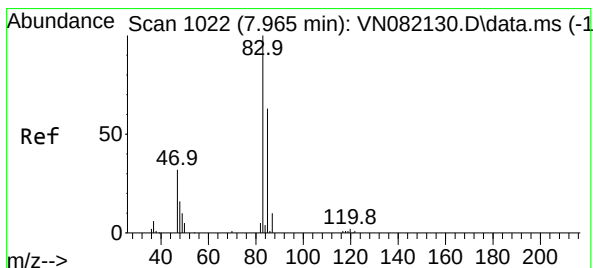
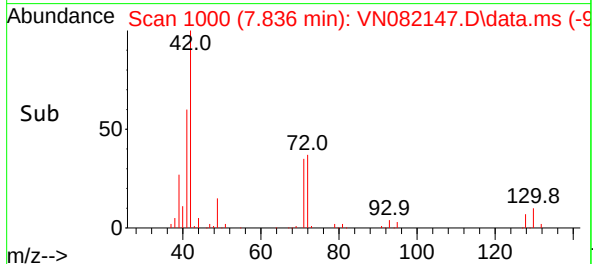
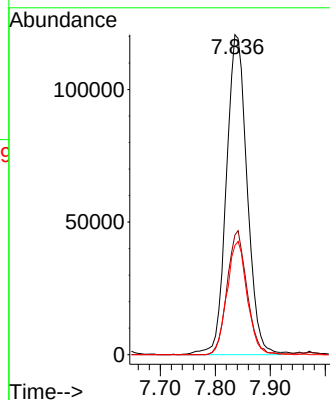
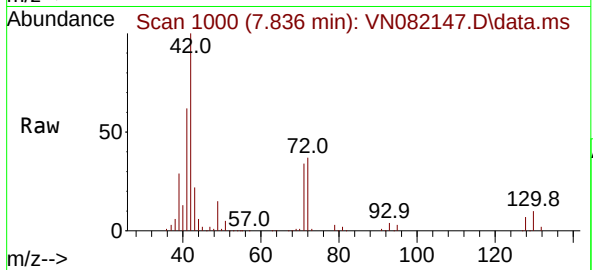
71 34.5 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#30

Chloroform

Concen: 51.935 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN082147.D

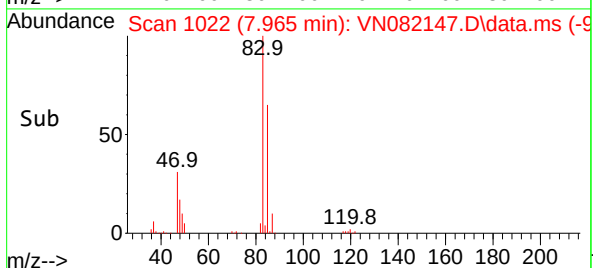
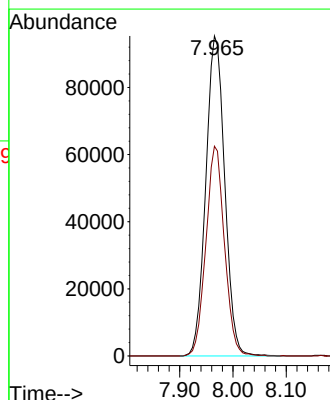
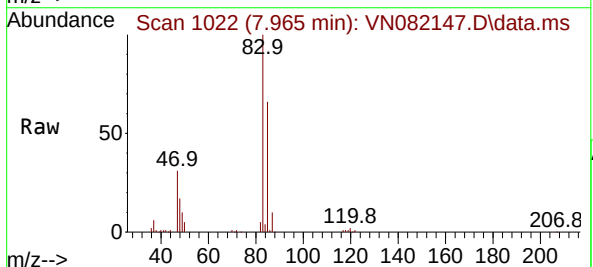
Acq: 15 May 2024 21:37

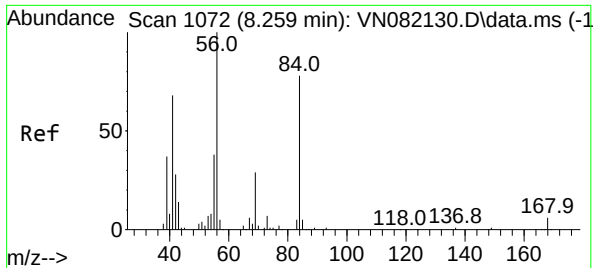
Tgt Ion: 83 Resp: 235718

Ion Ratio Lower Upper

83 100

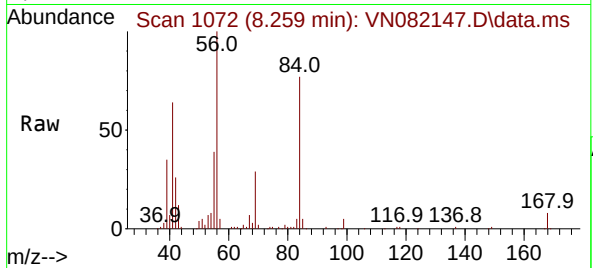
85 65.5 50.7 76.1





#31
Cyclohexane
Concen: 44.116 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

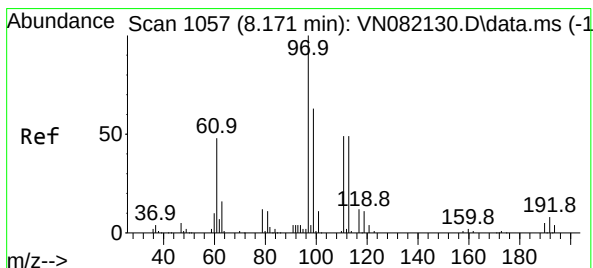
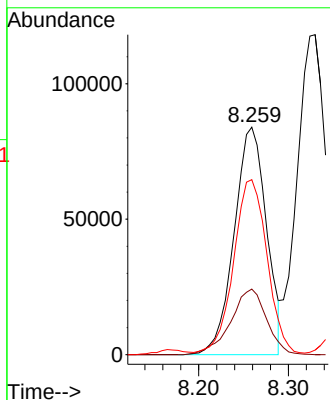
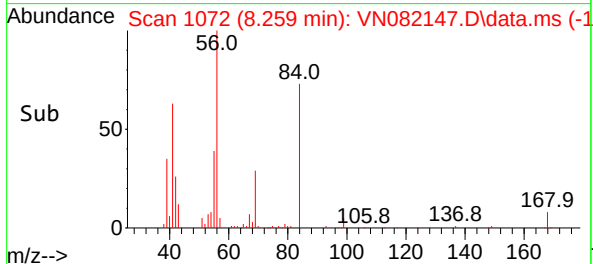
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



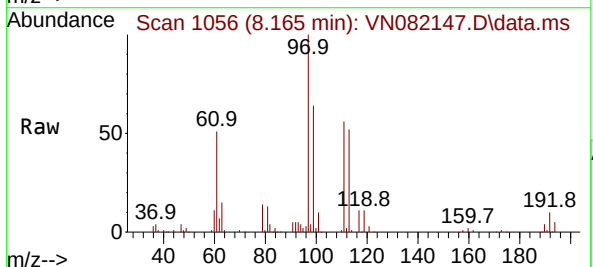
Tgt Ion: 56 Resp: 21012
Ion Ratio Lower Upper
56 100
69 28.8 24.4 36.6
84 75.0 77.0 115.4

Manual Integrations
APPROVED

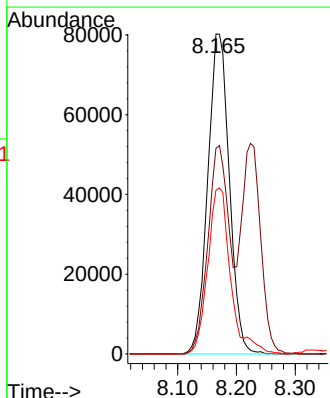
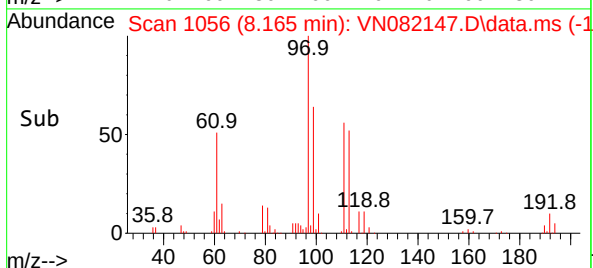
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

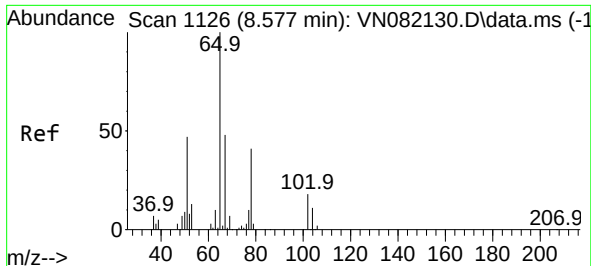


#32
1,1,1-Trichloroethane
Concen: 50.763 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37



Tgt Ion: 97 Resp: 204402
Ion Ratio Lower Upper
97 100
99 62.6 50.3 75.5
61 54.7 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.099 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 15536

Ion Ratio Lower Upper

65 100

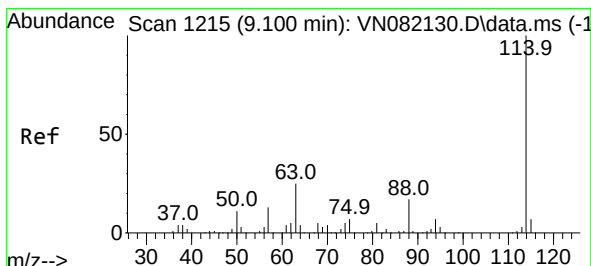
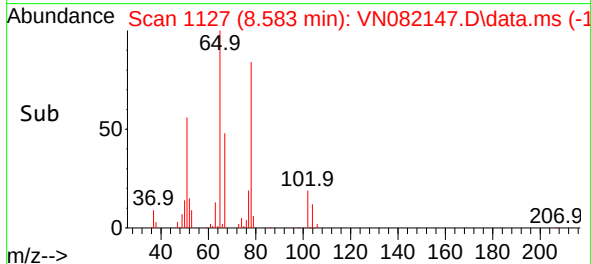
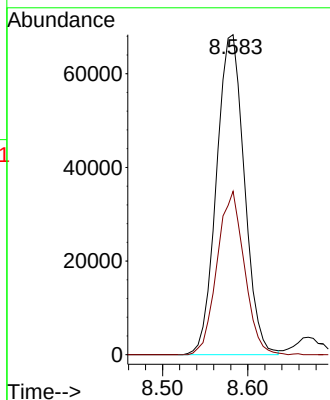
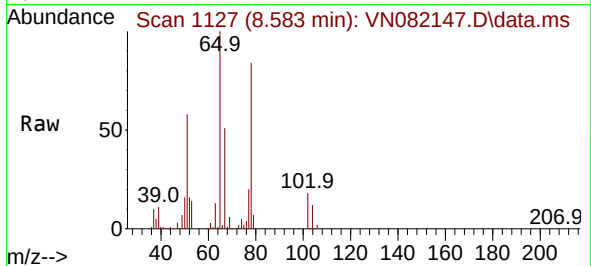
67 50.0 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

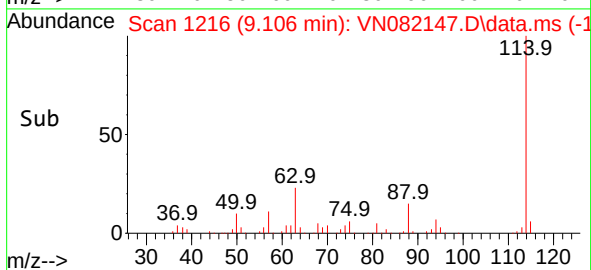
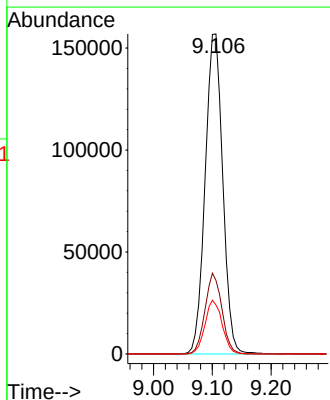
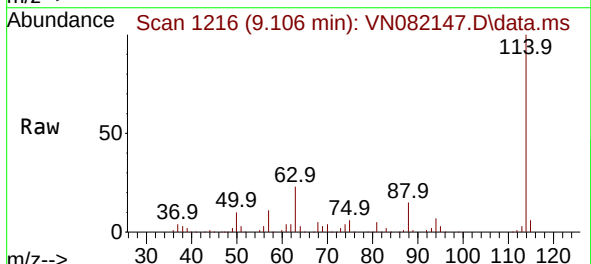
Tgt Ion:114 Resp: 325934

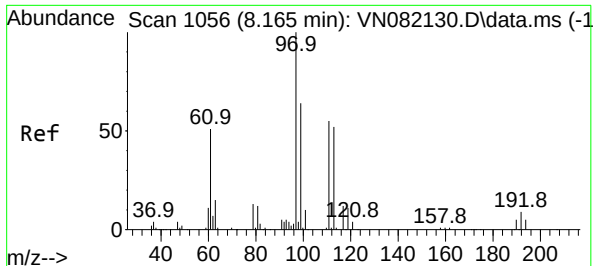
Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.0

88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.258 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

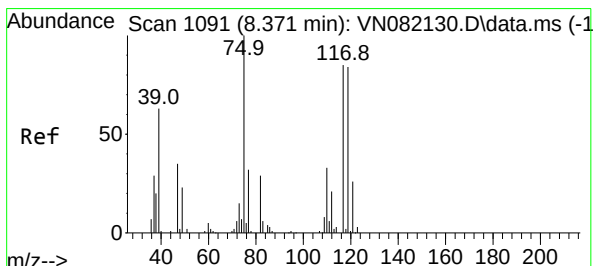
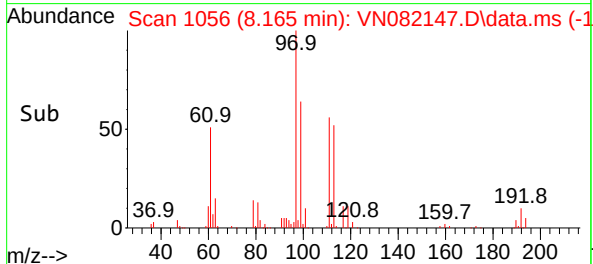
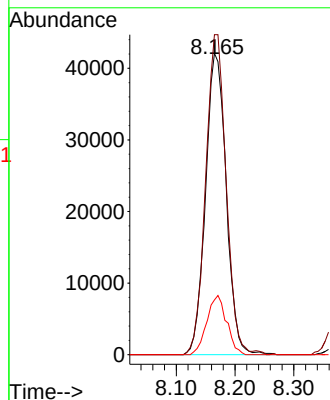
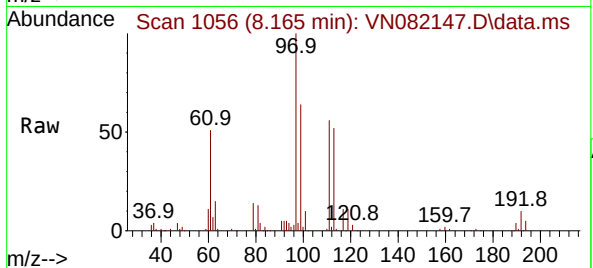
Tgt Ion:	113	Resp:	102772
Ion Ratio	Lower	Upper	
113	100		
111	105.3	83.4	125.2
192	18.8	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#36

1,1-Dichloropropene

Concen: 49.686 ug/l

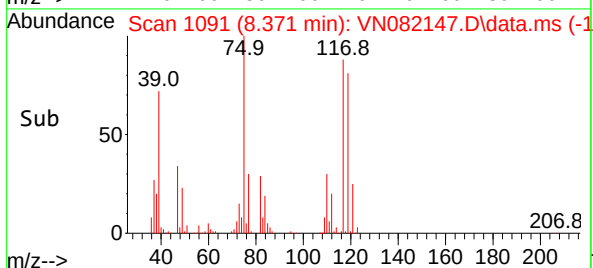
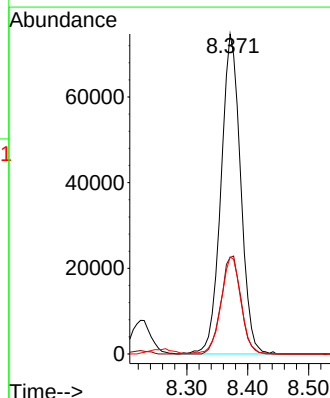
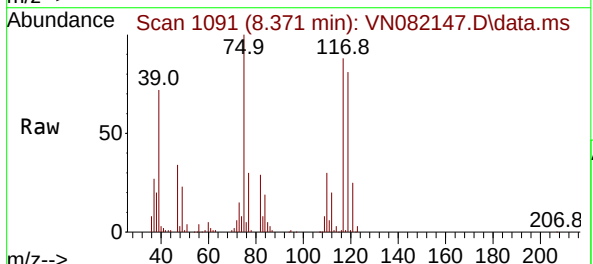
RT: 8.371 min Scan# 1091

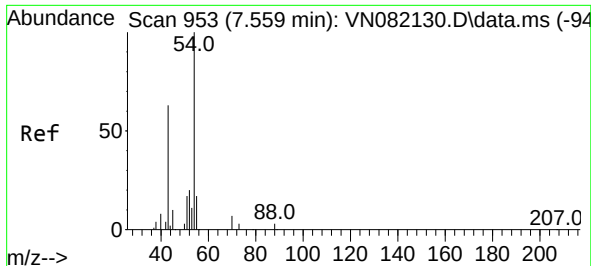
Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

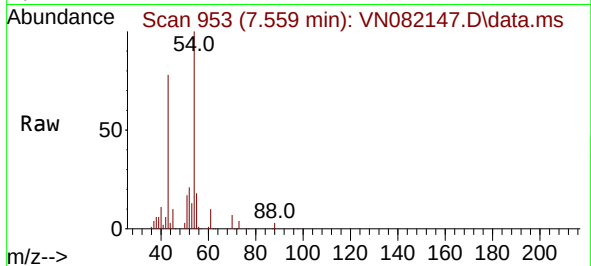
Tgt Ion:	75	Resp:	167080
Ion Ratio	Lower	Upper	
75	100		
110	31.0	17.8	53.5
77	30.7	25.0	37.4





#37
Ethyl Acetate
Concen: 51.515 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

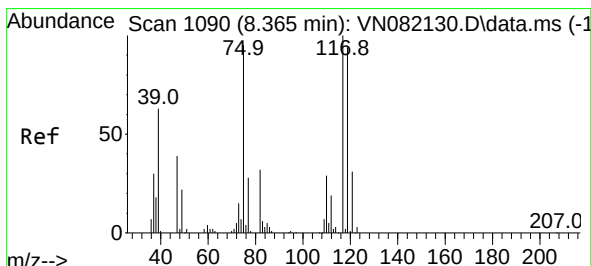
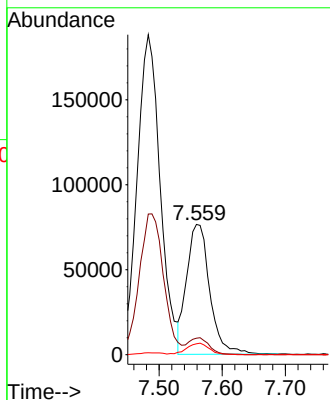
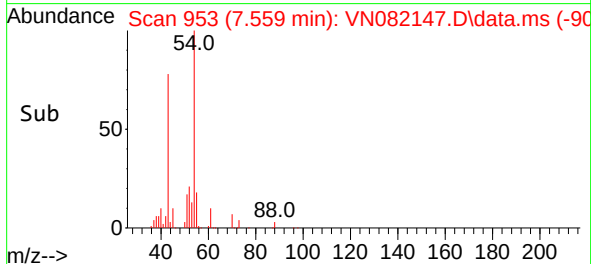
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 19386
Ion Ratio Lower Upper
43 100
61 11.1 11.3 16.9
70 8.7 8.7 13.1

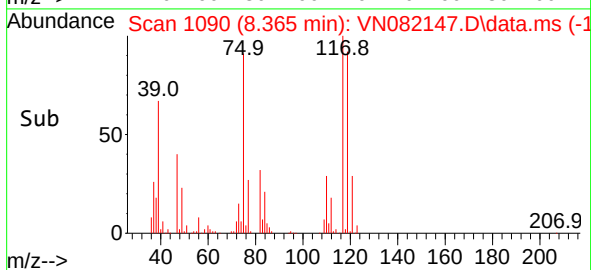
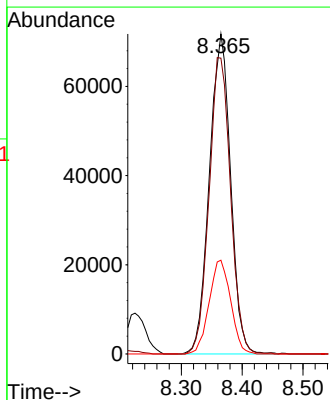
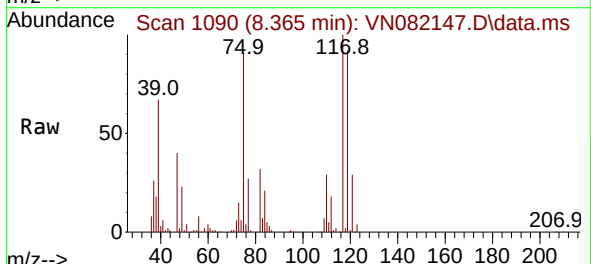
Manual Integrations
APPROVED

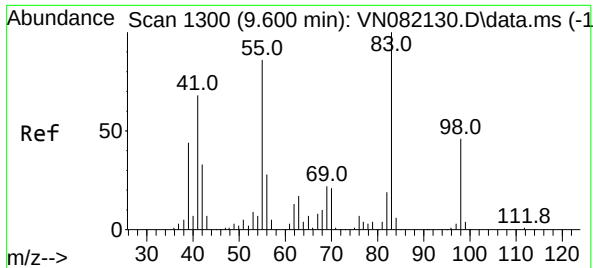
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#38
Carbon Tetrachloride
Concen: 50.900 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion:117 Resp: 173506
Ion Ratio Lower Upper
117 100
119 92.4 76.5 114.7
121 29.3 23.9 35.9





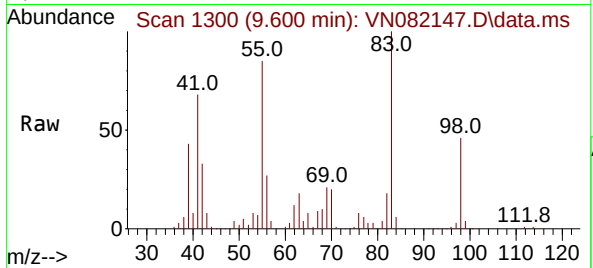
#39
Methylcyclohexane
Concen: 49.721 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



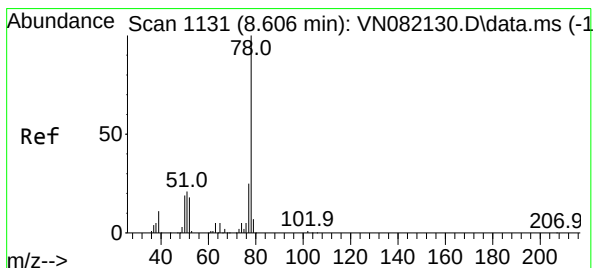
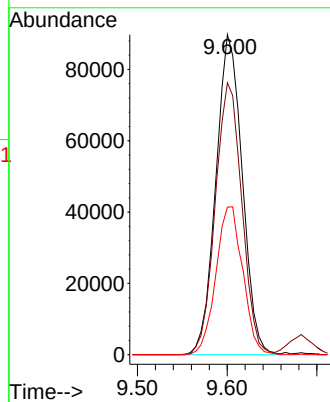
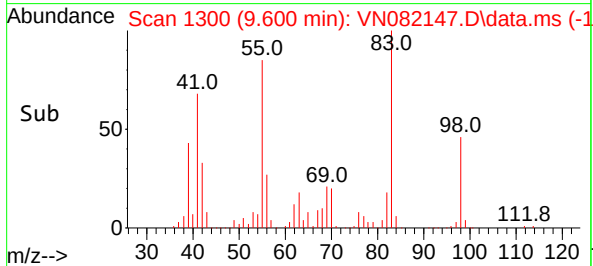
Tgt Ion: 83 Resp: 183270
Ion Ratio Lower Upper
83 100
55 85.0 53.0 79.6
98 46.1 37.1 55.7

Manual Integrations

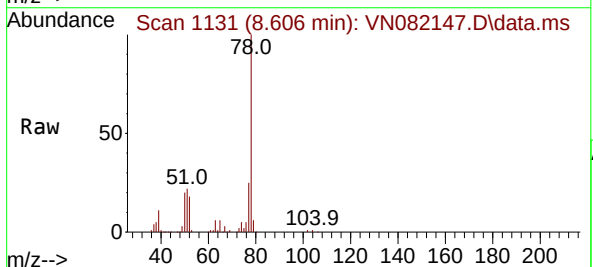
APPROVED

Reviewed By :John Carlone 05/16/2024

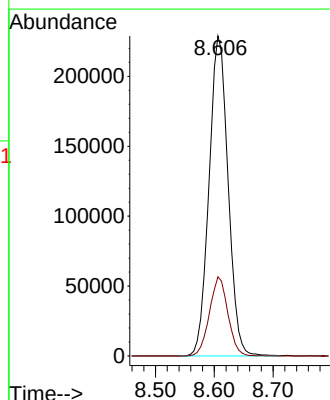
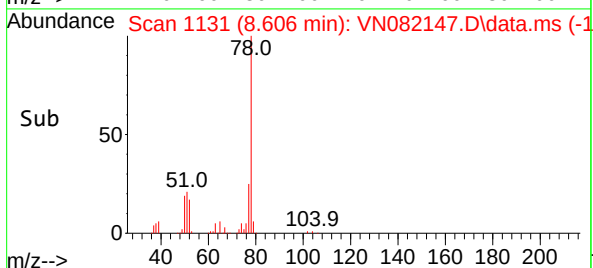
Supervised By :Mahesh Dadoda 05/16/2024

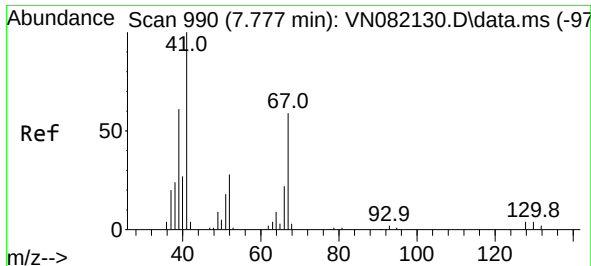


#40
Benzene
Concen: 51.362 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37



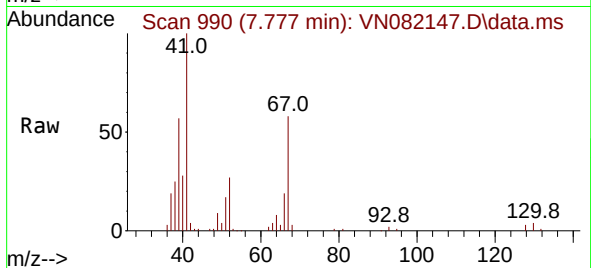
Tgt Ion: 78 Resp: 515033
Ion Ratio Lower Upper
78 100
77 24.8 20.0 30.0





#41
Methacrylonitrile
Concen: 52.821 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

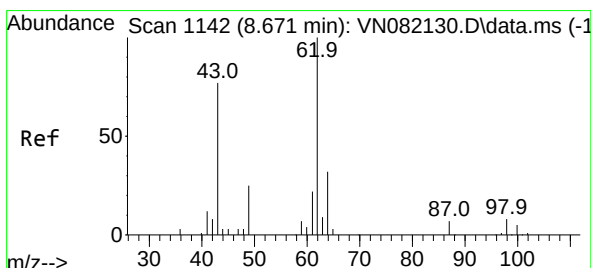
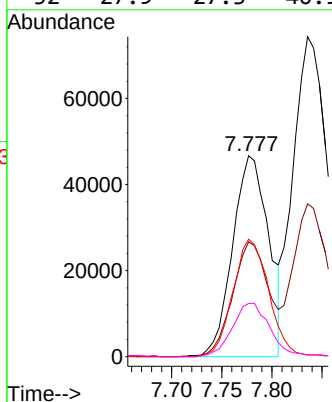
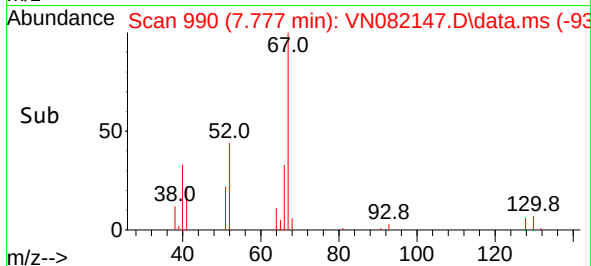
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 11690
Ion Ratio Lower Upper
41 100
39 56.8 46.6 69.8
67 58.6 67.3 100.9
52 27.9 27.3 40.9

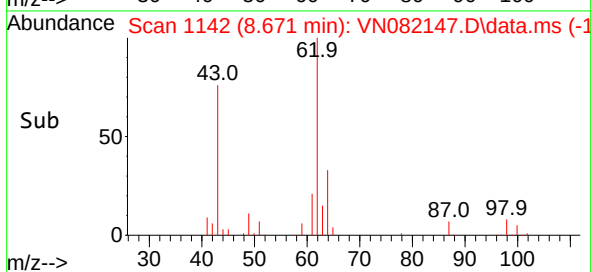
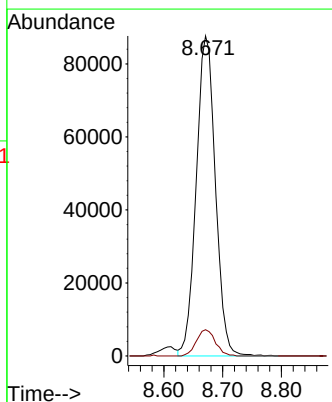
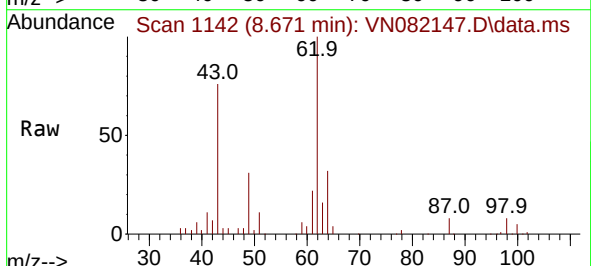
Manual Integrations
APPROVED

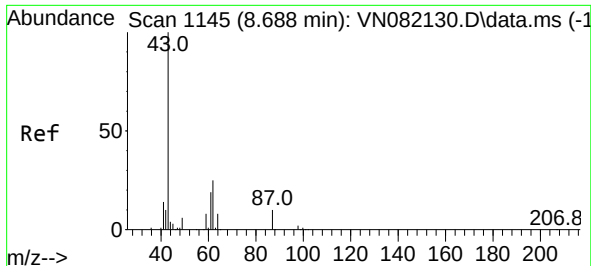
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#42
1,2-Dichloroethane
Concen: 51.389 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

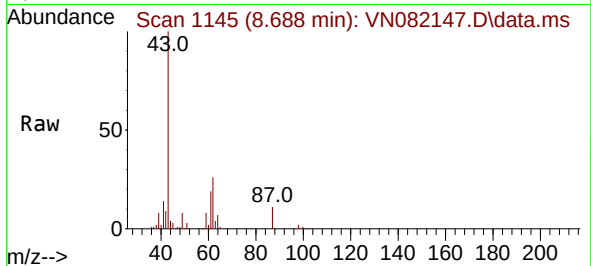
Tgt Ion: 62 Resp: 198187
Ion Ratio Lower Upper
62 100
98 8.1 0.0 19.6





#43
Isopropyl Acetate
Concen: 52.862 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

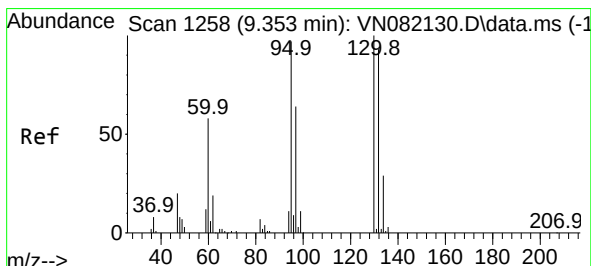
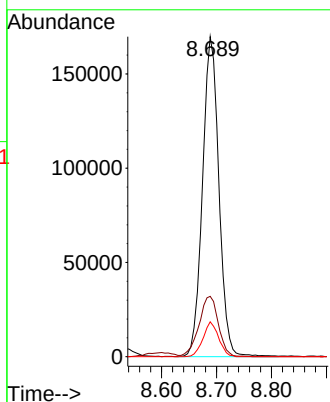
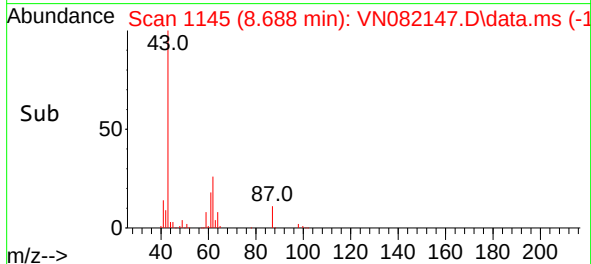
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 352500
Ion Ratio Lower Upper
43 100
61 22.3 22.8 34.2
87 10.3 12.0 18.0

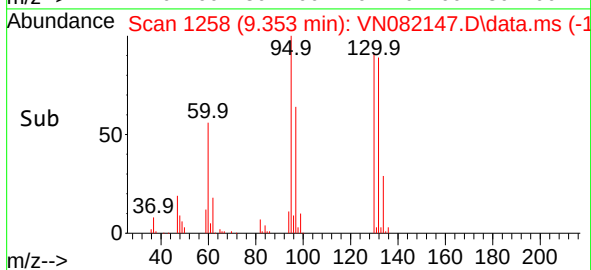
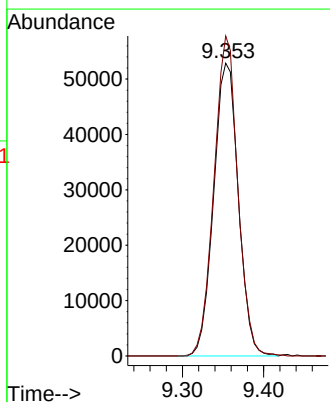
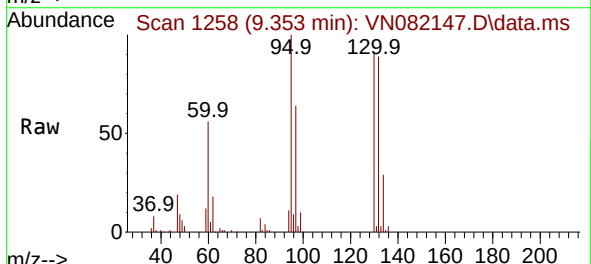
Manual Integrations
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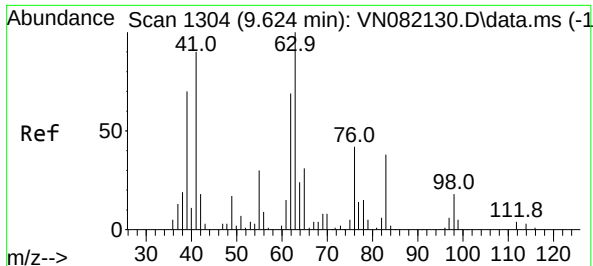
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#44
Trichloroethene
Concen: 49.063 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion:130 Resp: 111757
Ion Ratio Lower Upper
130 100
95 109.3 0.0 195.4





#45

1,2-Dichloropropane

Concen: 51.441 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC

Tgt Ion: 63 Resp: 133090

Ion Ratio Lower Upper

63 100

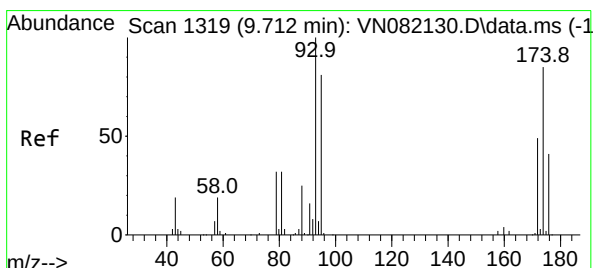
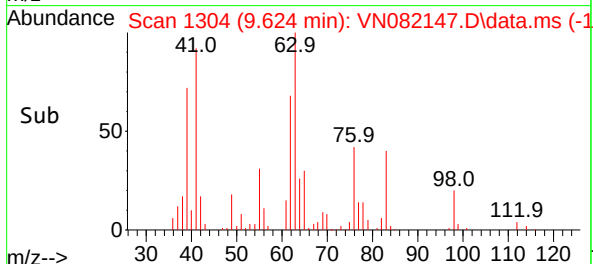
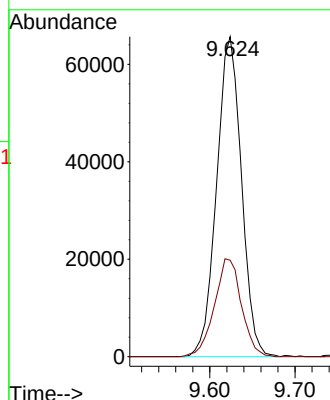
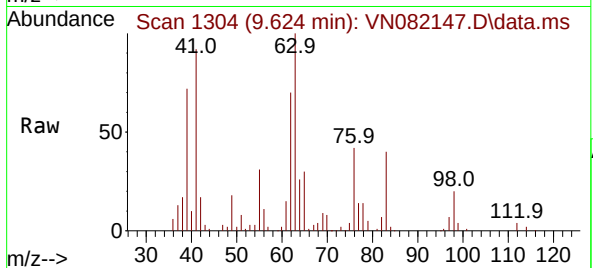
65 30.2 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#46

Dibromomethane

Concen: 50.454 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

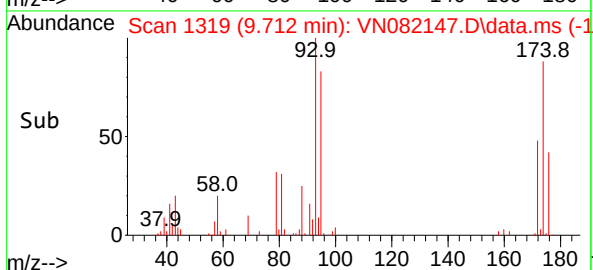
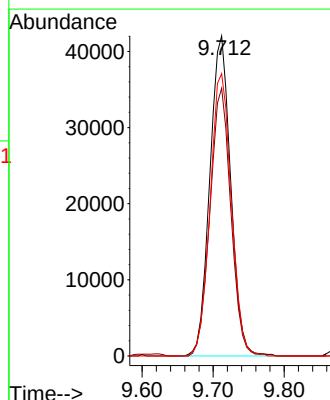
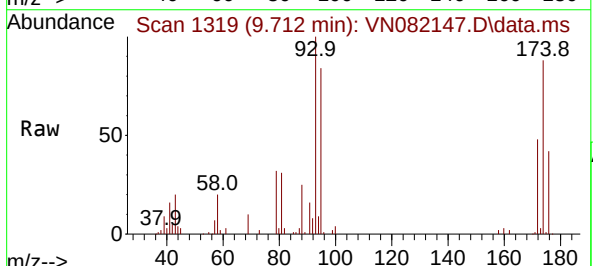
Tgt Ion: 93 Resp: 85701

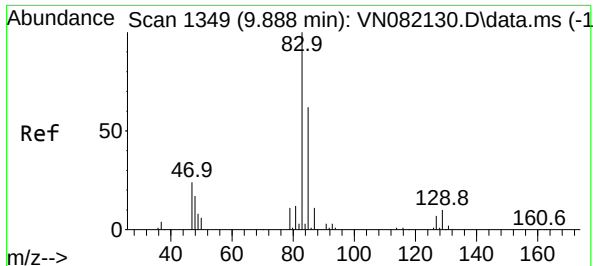
Ion Ratio Lower Upper

93 100

95 83.6 64.8 97.2

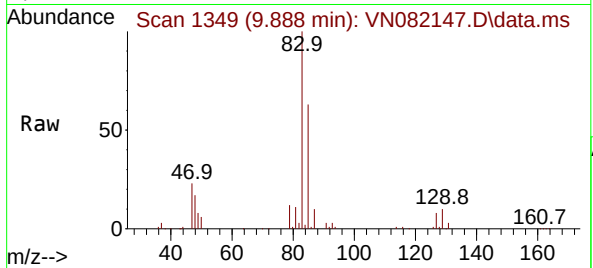
174 89.6 73.4 110.0





#47
Bromodichloromethane
Concen: 52.694 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

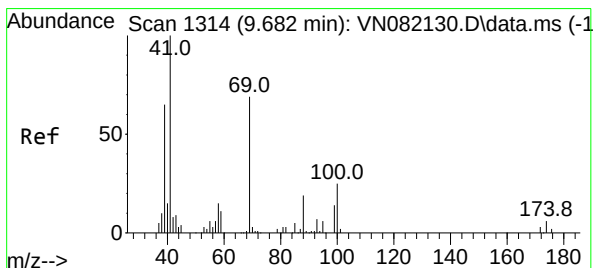
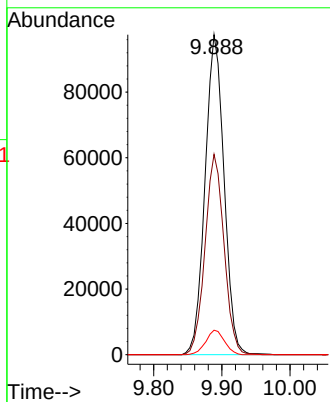
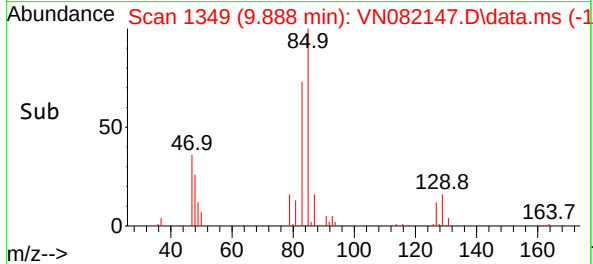
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



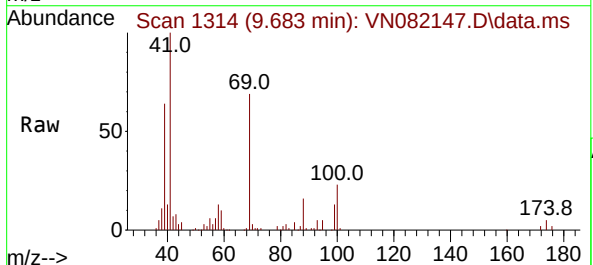
Tgt Ion: 83 Resp: 188954
Ion Ratio Lower Upper
83 100
85 62.6 51.9 77.9
127 7.6 7.5 11.3

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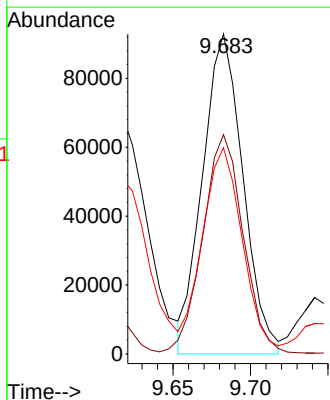
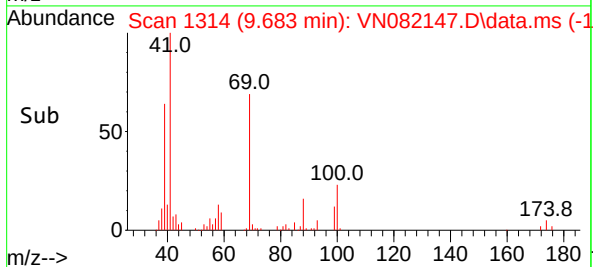
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

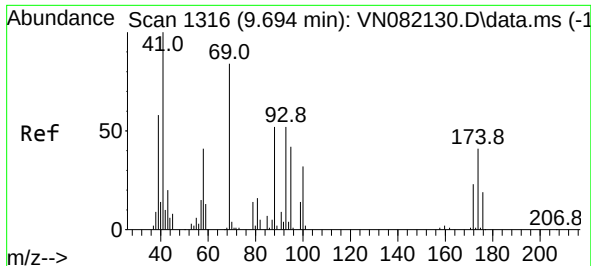


#48
Methyl methacrylate
Concen: 53.031 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37



Tgt Ion: 41 Resp: 168502
Ion Ratio Lower Upper
41 100
69 69.0 77.9 116.9#
39 64.1 50.9 76.3





#49

1,4-Dioxane

Concen: 1053.287 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

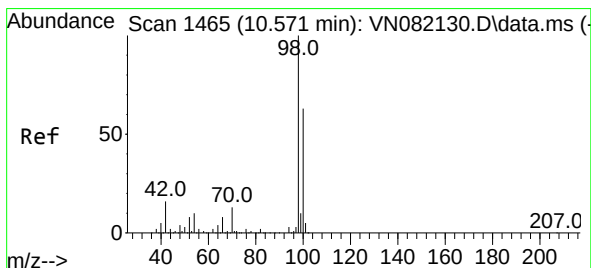
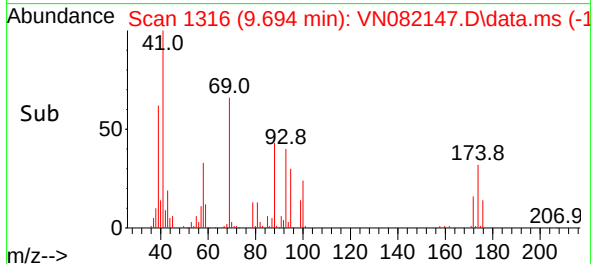
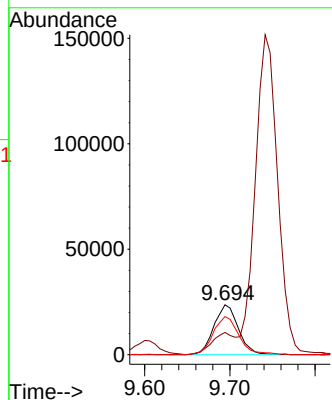
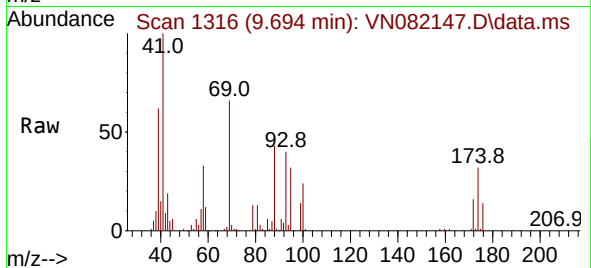
Tgt Ion:	88	Resp:	4689
Ion Ratio	Lower	Upper	
88	100		
43	41.2	19.0	28.6
58	81.1	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#50

Toluene-d8

Concen: 51.367 ug/l

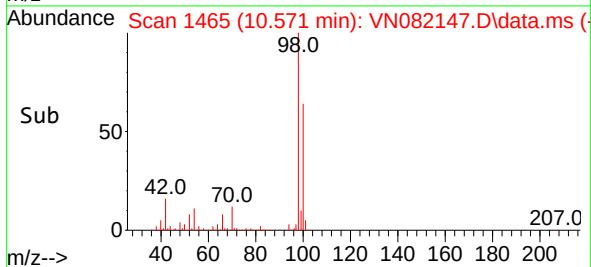
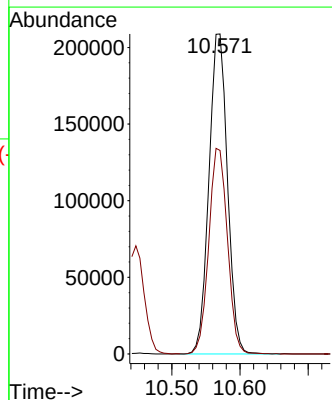
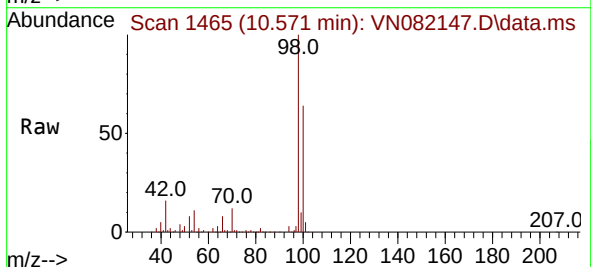
RT: 10.571 min Scan# 1465

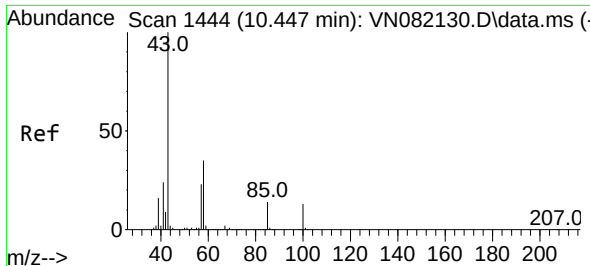
Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

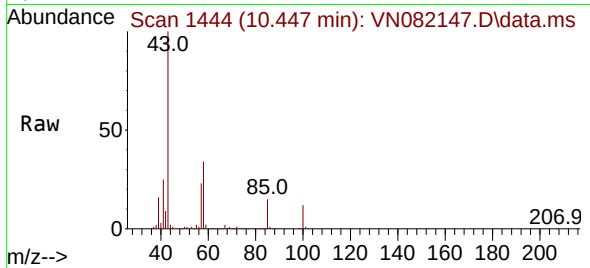
Tgt Ion:	98	Resp:	394859
Ion Ratio	Lower	Upper	
98	100		
100	64.7	51.8	77.6





#51
4-Methyl-2-Pentanone
Concen: 271.949 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

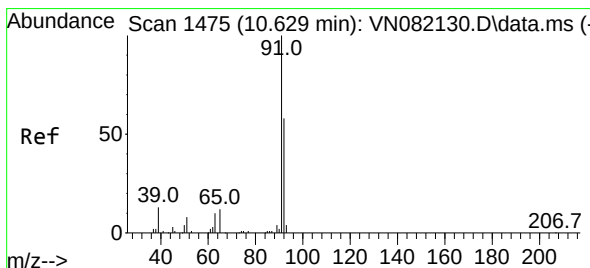
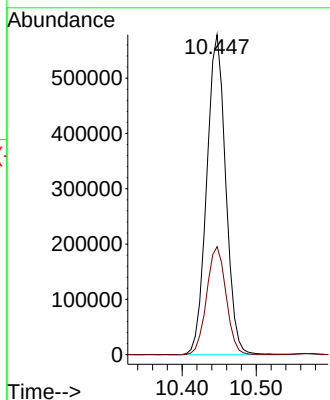
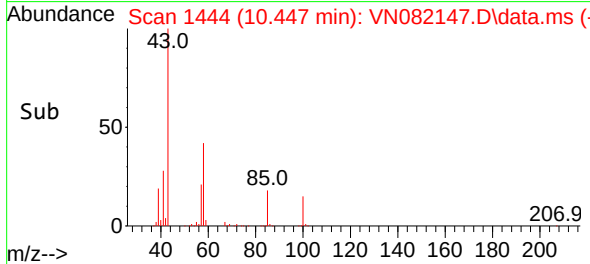
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 103033
Ion Ratio Lower Upper
43 100
58 34.5 33.2 49.8

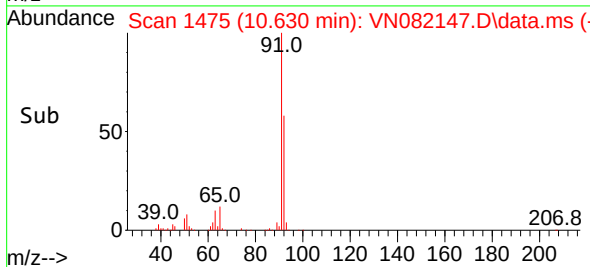
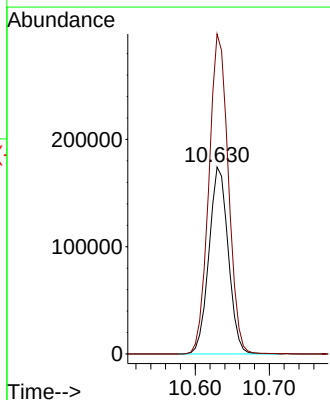
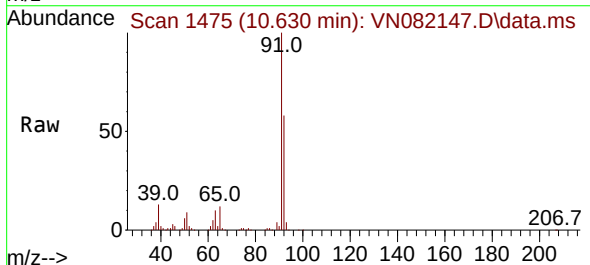
Manual Integrations
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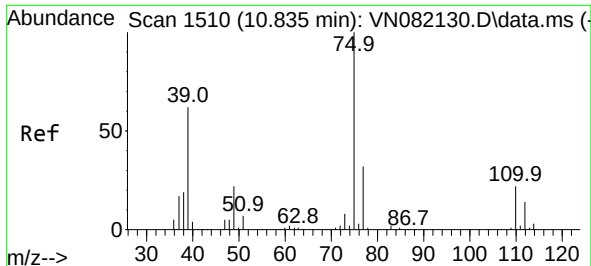
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#52
Toluene
Concen: 52.321 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

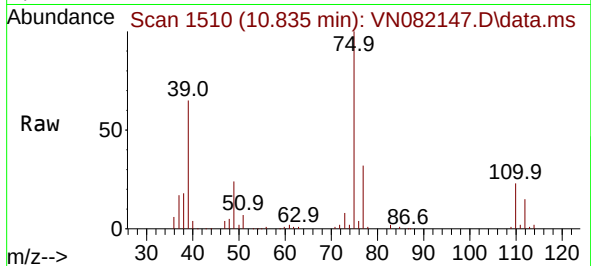
Tgt Ion: 92 Resp: 314849
Ion Ratio Lower Upper
92 100
91 173.3 136.7 205.1





#53
 t-1,3-Dichloropropene
 Concen: 53.352 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN082147.D
 Acq: 15 May 2024 21:37

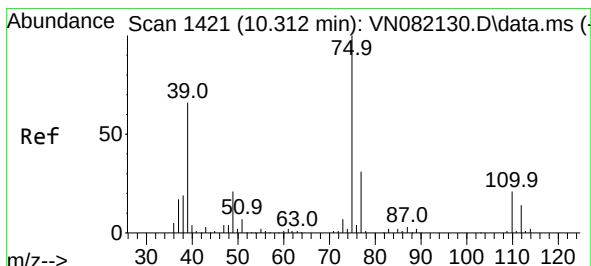
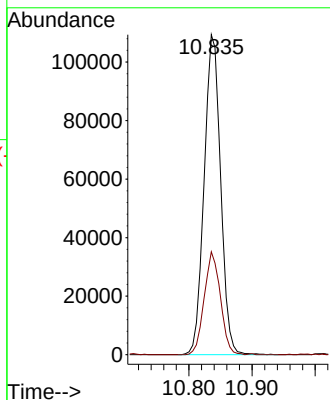
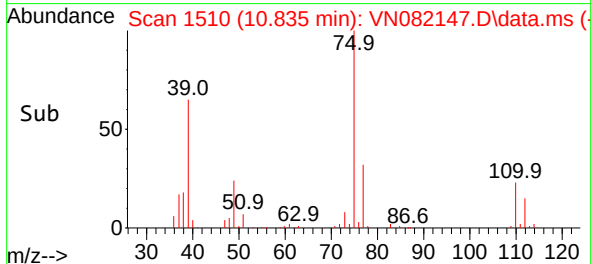
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 197864
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0

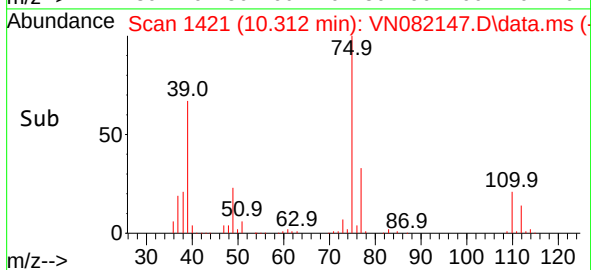
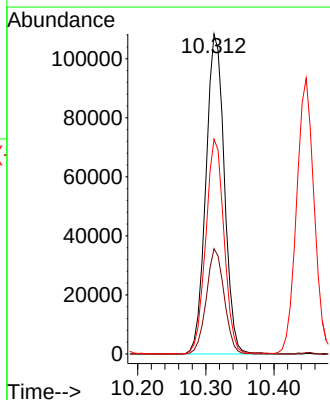
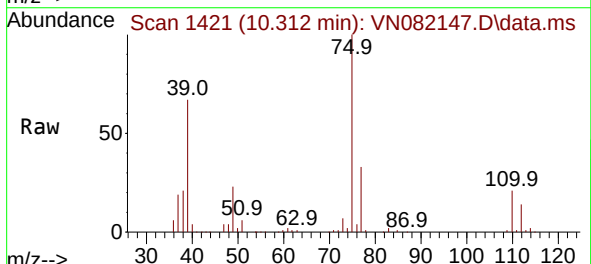
Manual Integrations
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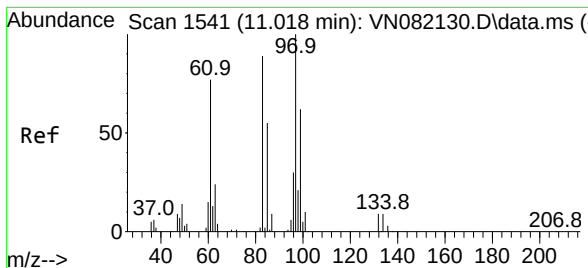
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#54
 cis-1,3-Dichloropropene
 Concen: 51.948 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN082147.D
 Acq: 15 May 2024 21:37

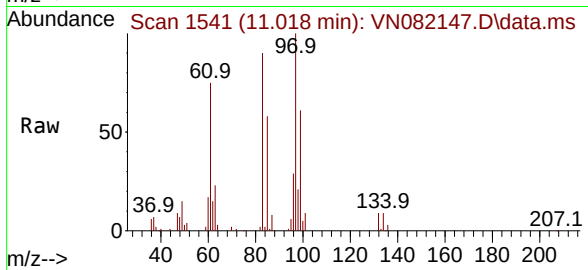
Tgt Ion: 75 Resp: 203929
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.0 37.4
 39 67.1 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 52.214 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

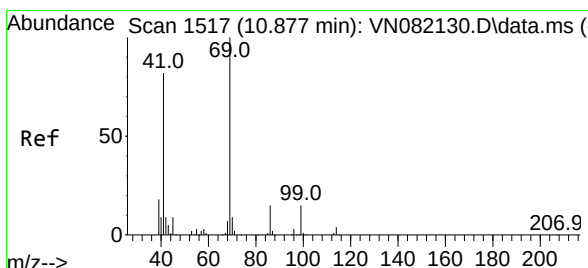
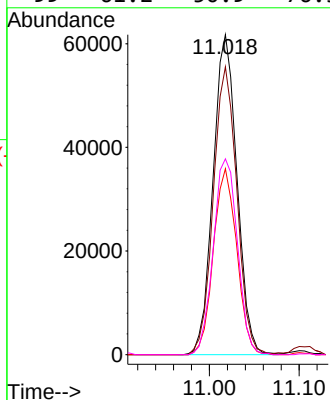
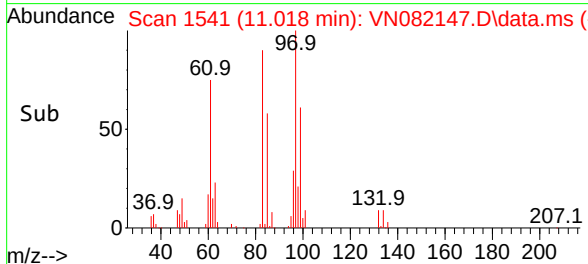
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



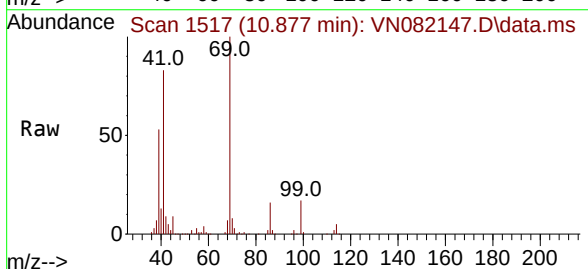
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.9	70.4	105.6
85	58.1	45.6	68.4
99	61.2	50.9	76.3

Manual Integrations
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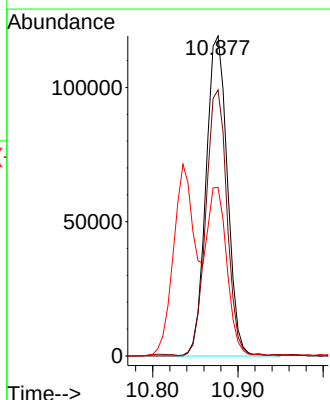
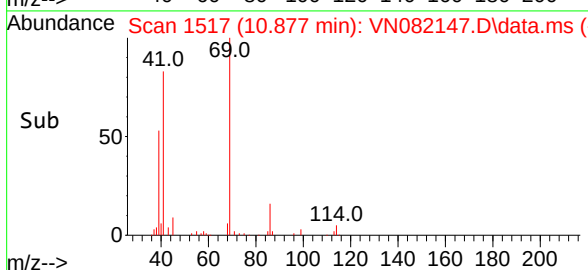
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

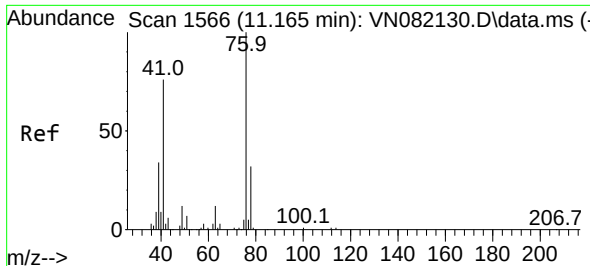


#56
Ethyl methacrylate
Concen: 55.772 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37



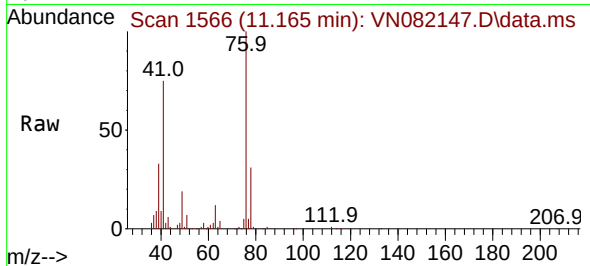
Tgt Ion	Ratio	Lower	Upper
69	100		
41	81.8	46.6	70.0#
39	46.8	26.5	39.7#





#57
1,3-Dichloropropane
Concen: 52.107 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

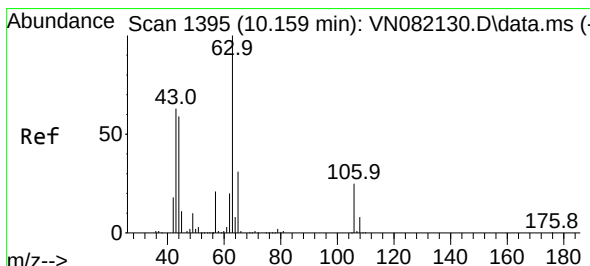
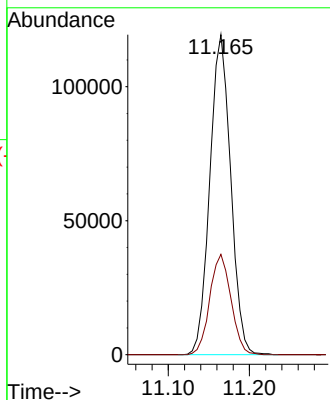
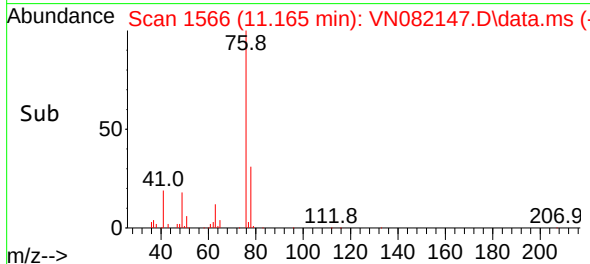
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 213050
Ion Ratio Lower Upper
76 100
78 31.8 25.8 38.6

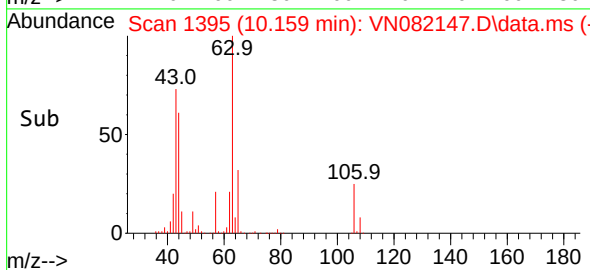
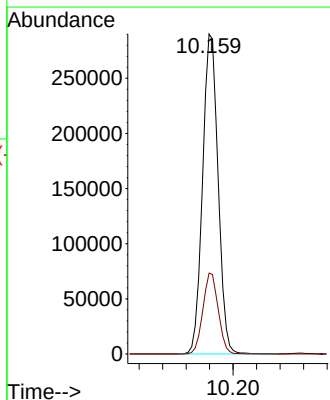
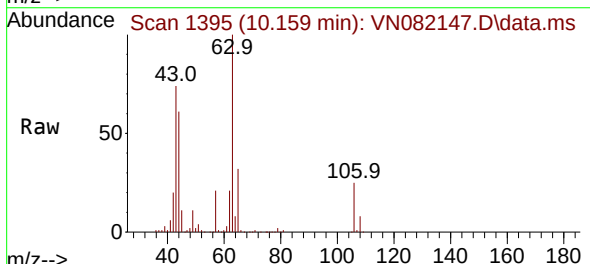
Manual Integrations
APPROVED

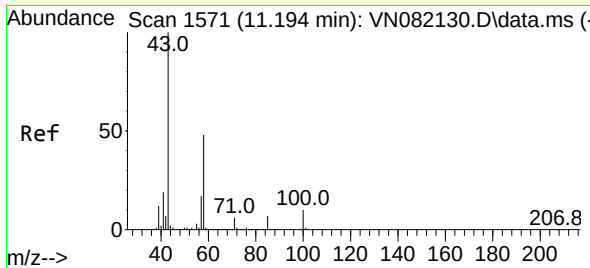
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#58
2-Chloroethyl Vinyl ether
Concen: 276.774 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

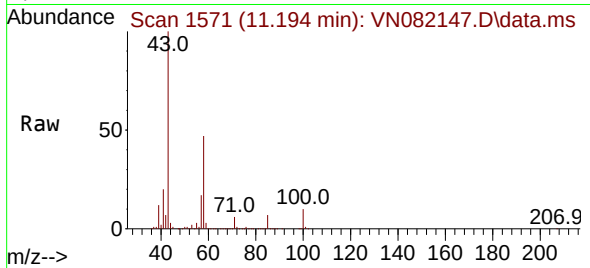
Tgt Ion: 63 Resp: 530041
Ion Ratio Lower Upper
63 100
106 24.9 24.6 36.8





#59
2-Hexanone
Concen: 272.281 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

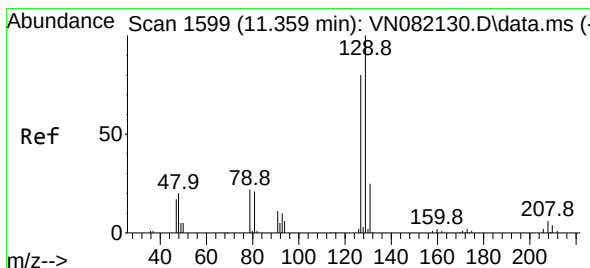
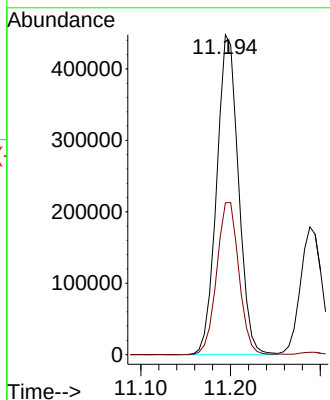
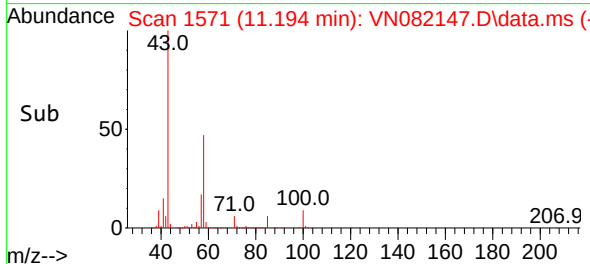
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 755336
Ion Ratio Lower Upper
43 100
58 48.5 28.3 84.9

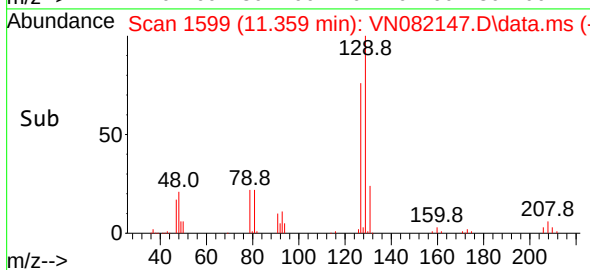
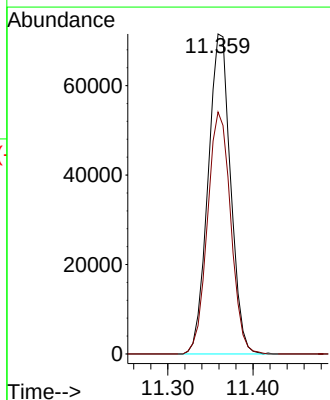
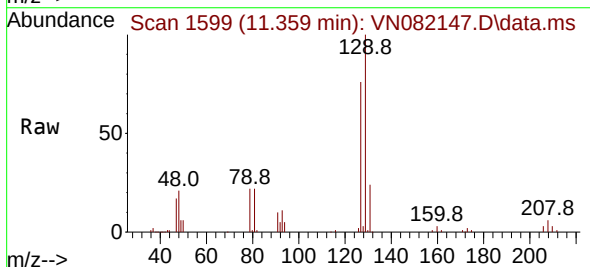
Manual Integrations
APPROVED

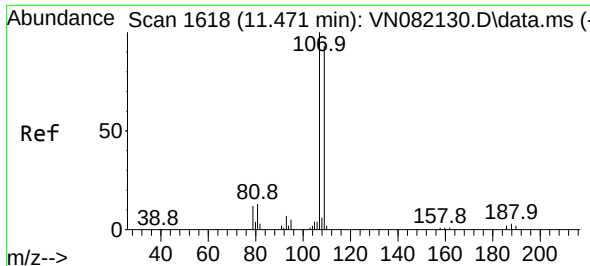
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#60
Dibromochloromethane
Concen: 54.524 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

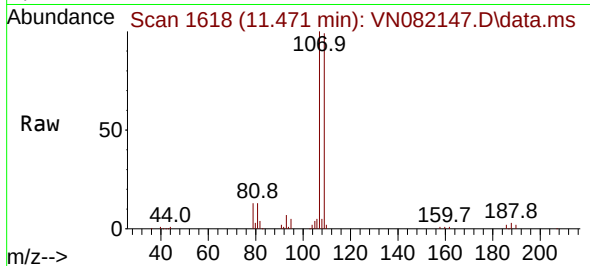
Tgt Ion:129 Resp: 131585
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.8





#61
1,2-Dibromoethane
Concen: 51.405 ug/l
RT: 11.471 min Scan# 11546
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

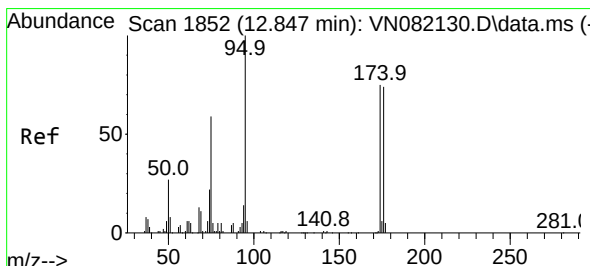
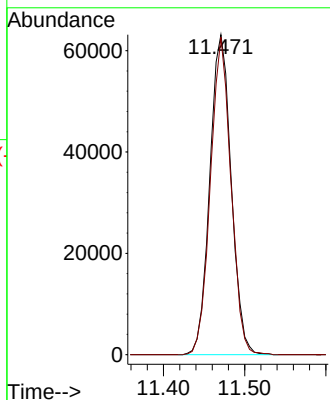
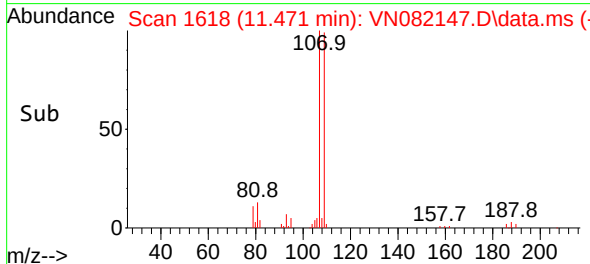
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



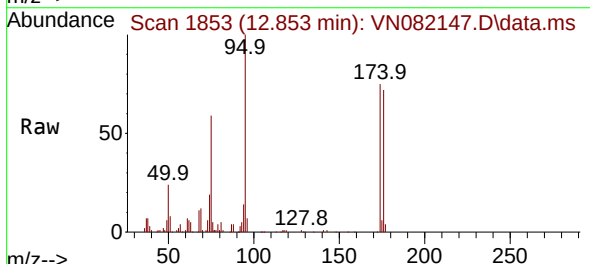
Tgt Ion:107 Resp: 11546
Ion Ratio Lower Upper
107 100
109 95.1 75.8 113.6

Manual Integrations
APPROVED

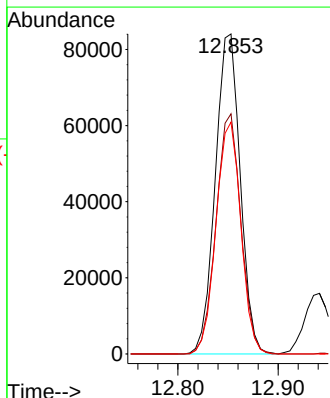
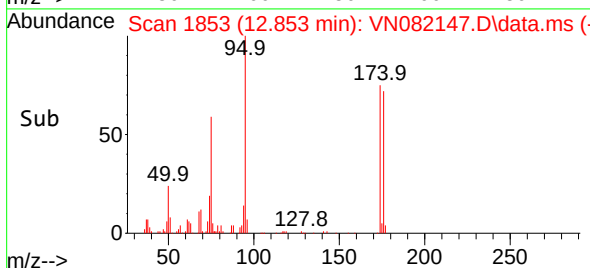
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

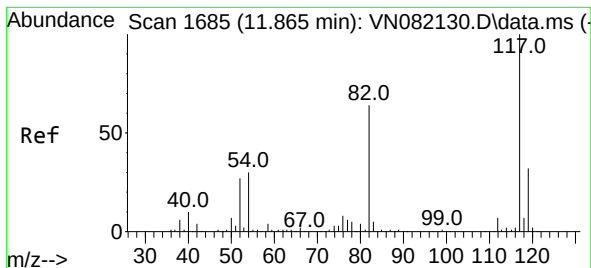


#62
4-Bromofluorobenzene
Concen: 52.861 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37



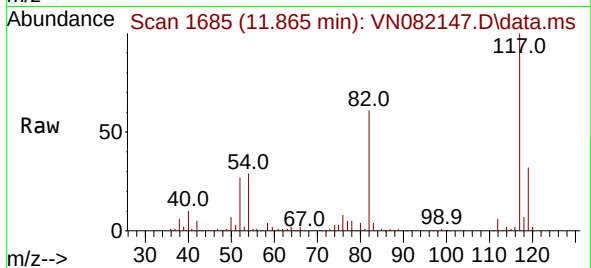
Tgt Ion: 95 Resp: 145034
Ion Ratio Lower Upper
95 100
174 74.8 0.0 160.6
176 71.9 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

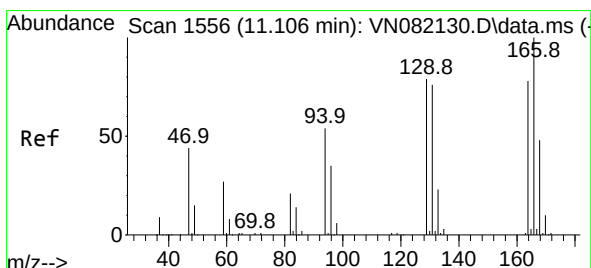
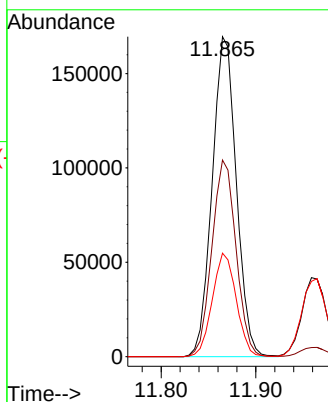
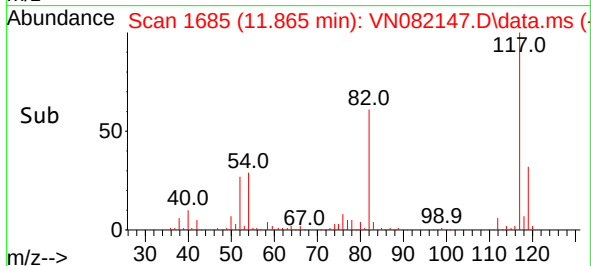
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



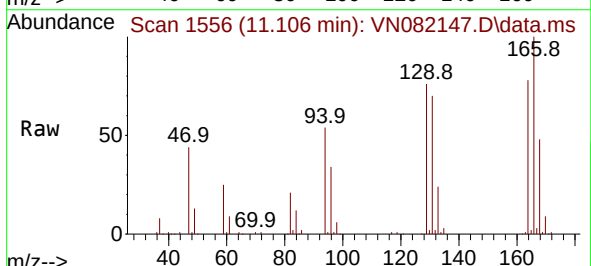
Tgt Ion:117 Resp: 300489
Ion Ratio Lower Upper
117 100
82 61.5 44.6 66.8
119 32.4 25.9 38.9

Manual Integrations
APPROVED

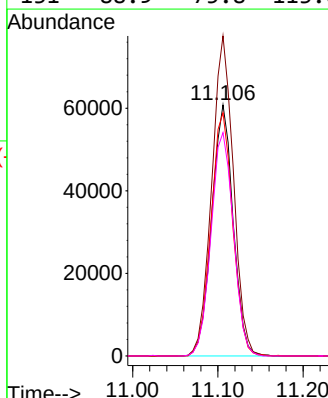
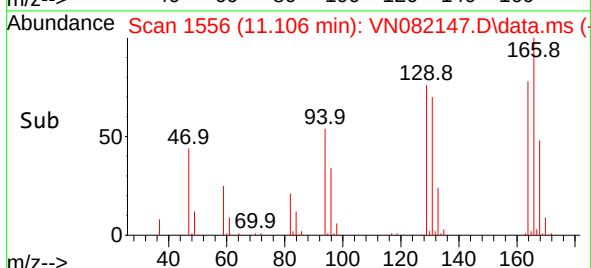
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

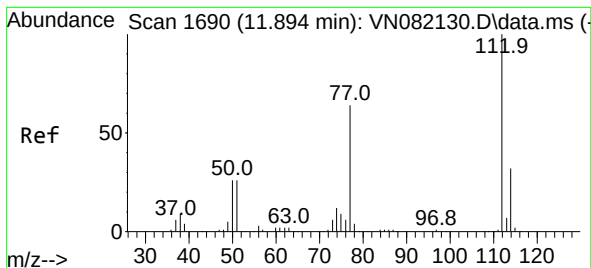


#64
Tetrachloroethene
Concen: 47.726 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37



Tgt Ion:164 Resp: 106295
Ion Ratio Lower Upper
164 100
166 127.4 97.6 146.4
129 96.8 73.7 110.5
131 88.9 75.8 113.6





#65

Chlorobenzene

Concen: 49.606 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 329299

Ion Ratio Lower Upper

112 100

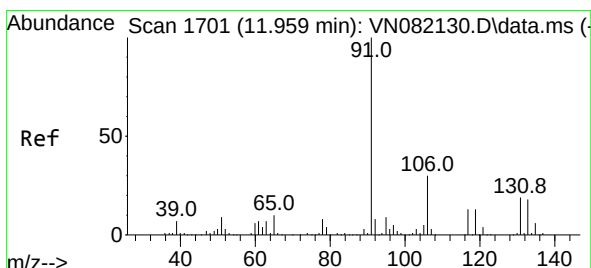
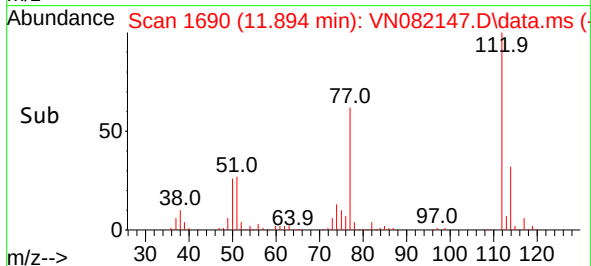
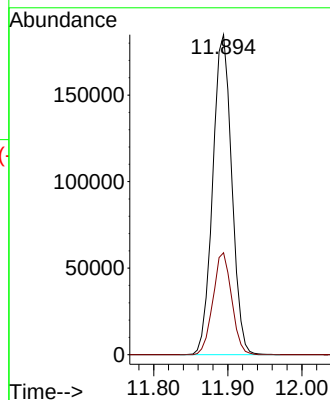
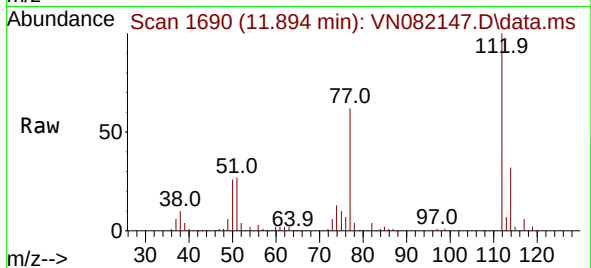
114 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 52.314 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

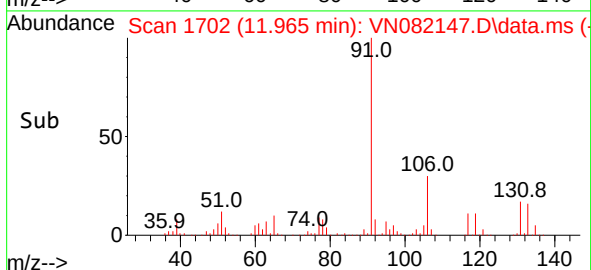
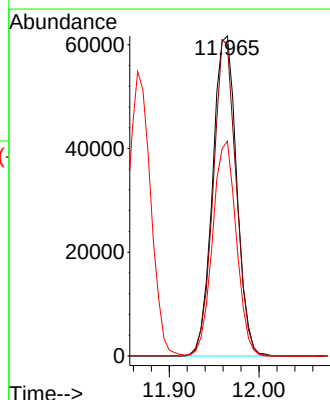
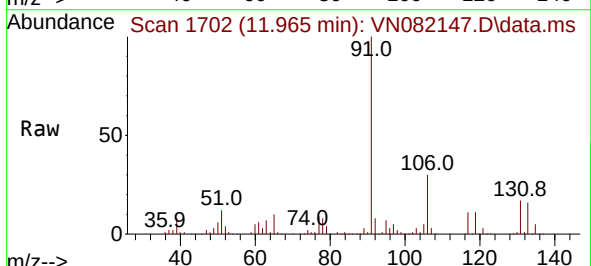
Tgt Ion:131 Resp: 114389

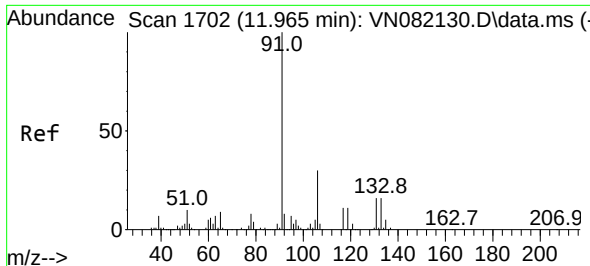
Ion Ratio Lower Upper

131 100

133 94.7 47.5 142.6

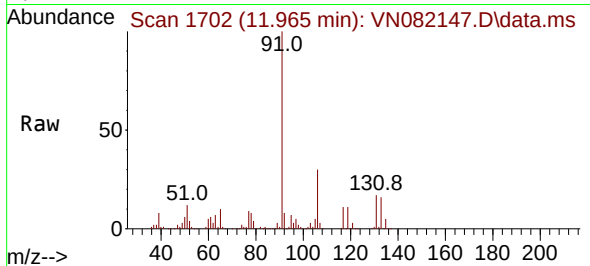
119 66.5 32.9 98.7





#67
Ethyl Benzene
Concen: 50.957 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

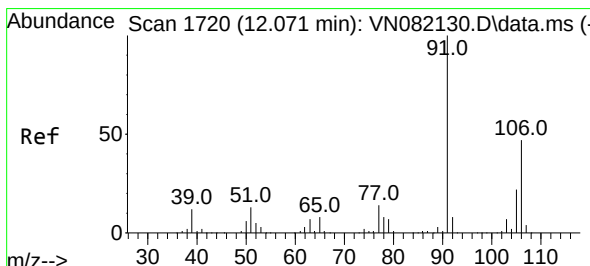
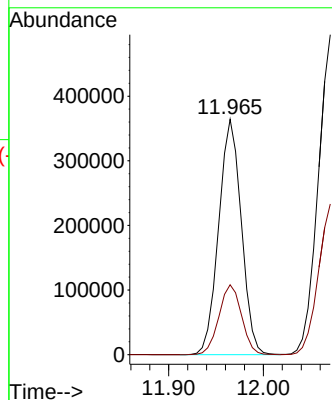
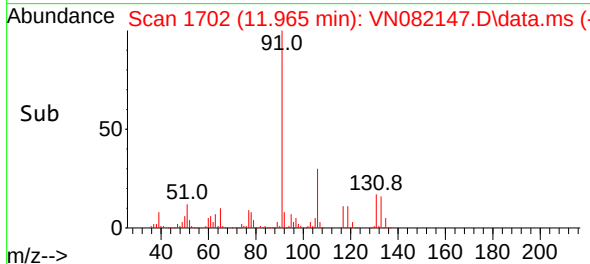
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 60511
Ion Ratio Lower Upper
91 100
106 29.7 25.3 37.9

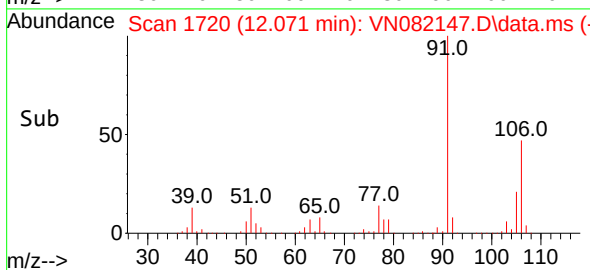
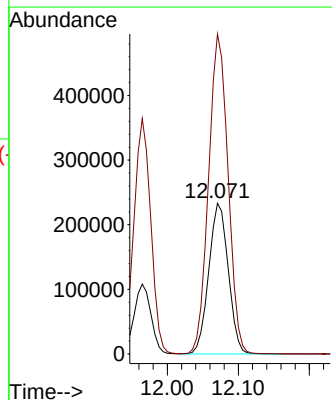
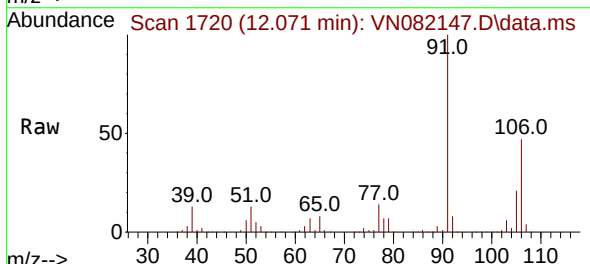
Manual Integrations
APPROVED

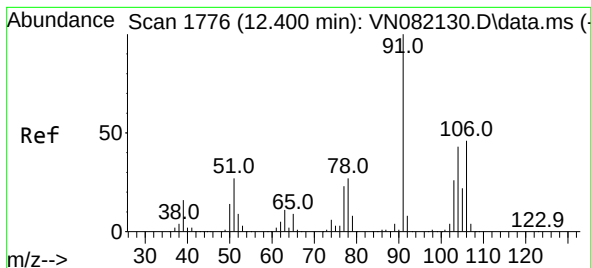
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#68
m/p-Xylenes
Concen: 102.131 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

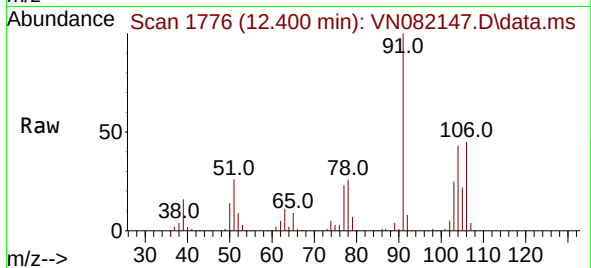
Tgt Ion:106 Resp: 444497
Ion Ratio Lower Upper
106 100
91 212.6 159.4 239.0





#69
o-Xylene
Concen: 51.534 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

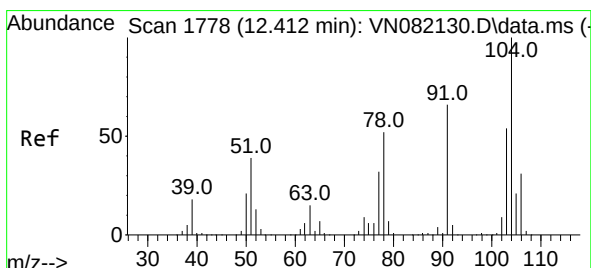
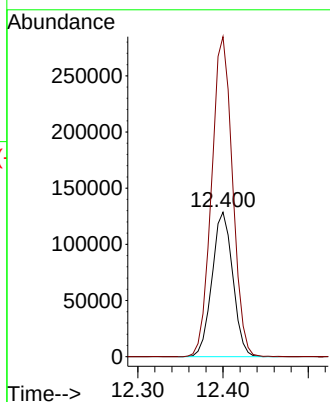
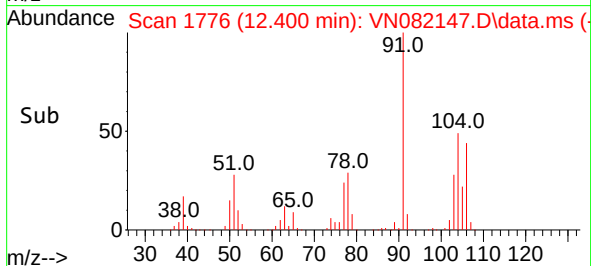
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 21726
Ion Ratio Lower Upper
106 100
91 223.9 104.7 314.1

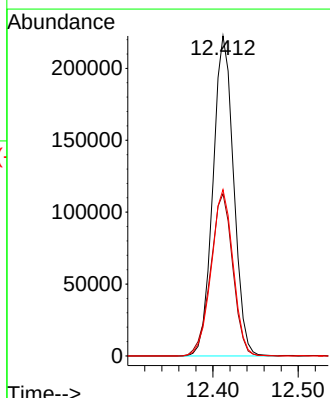
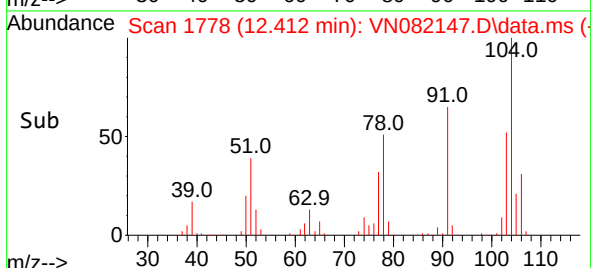
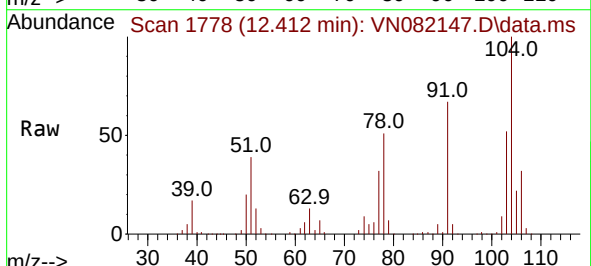
Manual Integrations
APPROVED

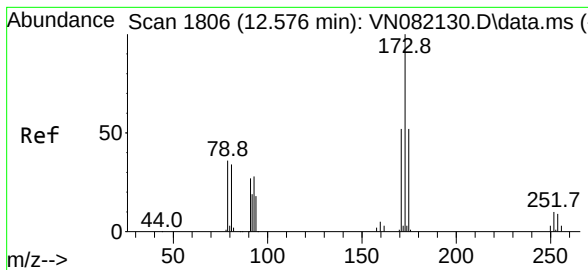
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#70
Styrene
Concen: 53.647 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

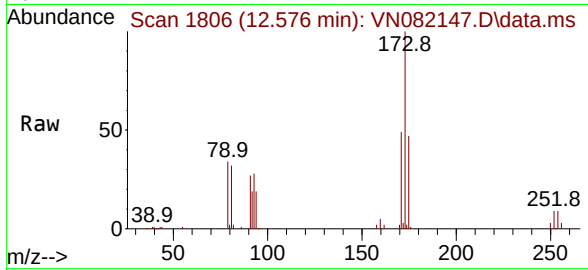
Tgt Ion:104 Resp: 375667
Ion Ratio Lower Upper
104 100
78 54.1 38.6 58.0
103 54.6 43.8 65.6





#71
Bromoform
Concen: 50.466 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

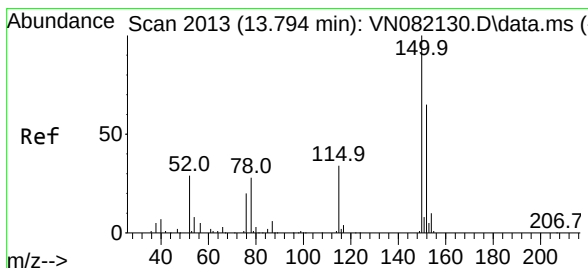
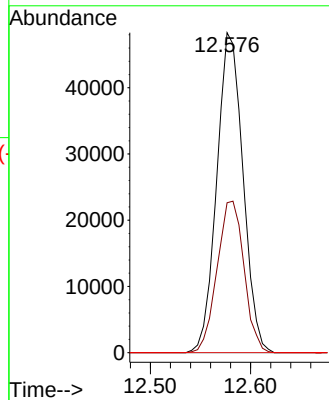
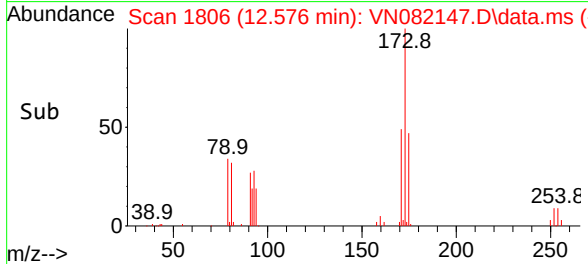
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



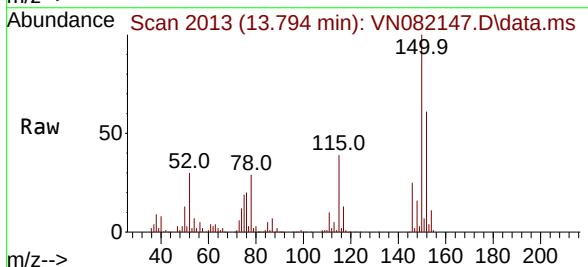
Tgt Ion:173 Resp: 87770
Ion Ratio Lower Upper
173 100
175 48.6 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

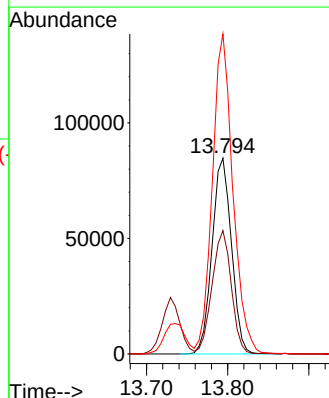
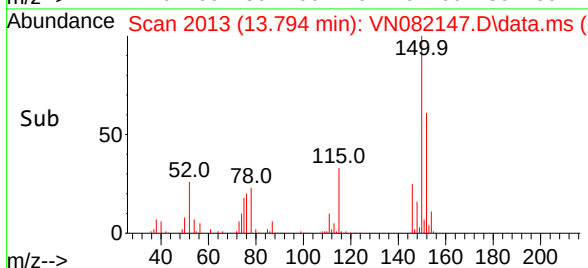
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

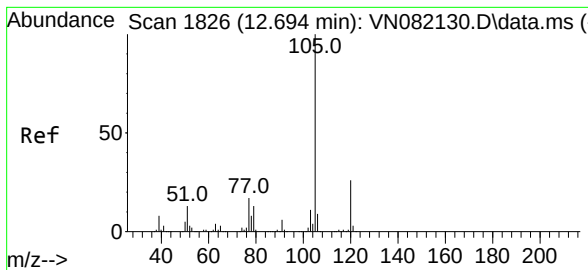


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37



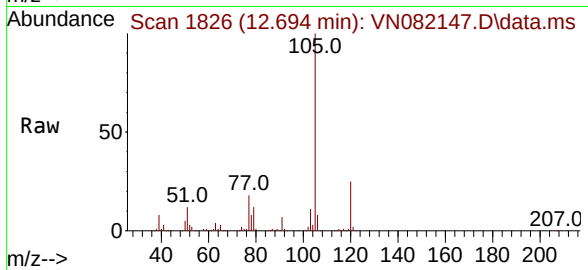
Tgt Ion:152 Resp: 140689
Ion Ratio Lower Upper
152 100
115 62.6 30.4 91.3
150 173.1 0.0 353.2





#73
Isopropylbenzene
Concen: 50.258 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

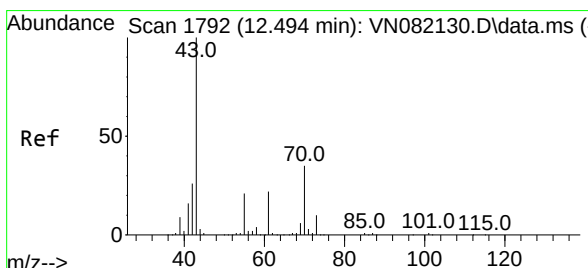
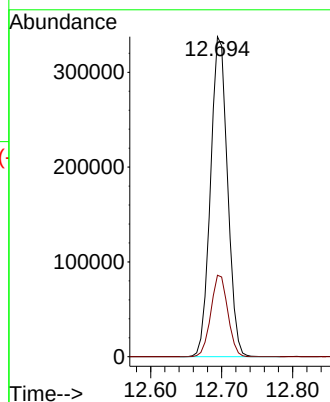
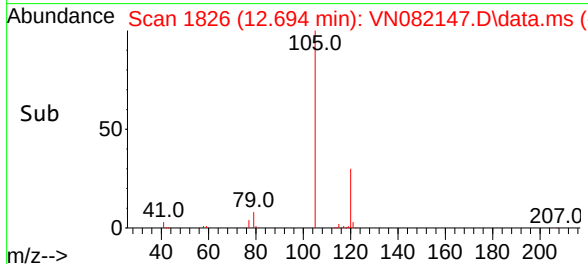
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



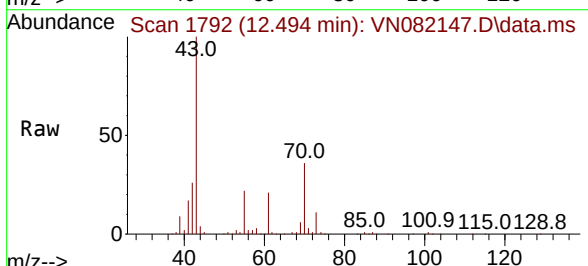
Tgt Ion: 105 Resp: 56173
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.1

Manual Integrations
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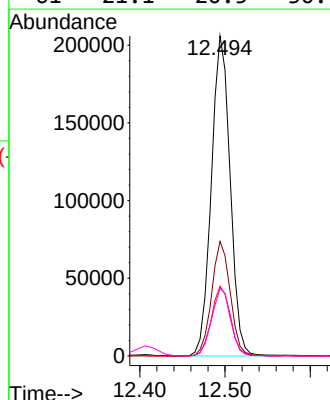
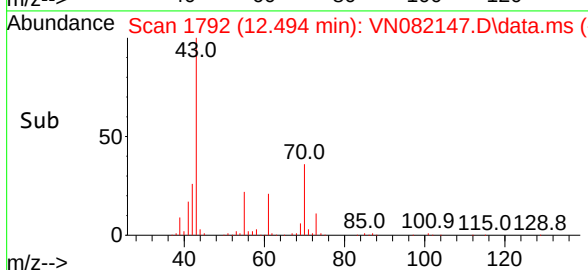
Reviewed By : John Carlone 05/16/2024
Supervised By : Mahesh Dadoda 05/16/2024

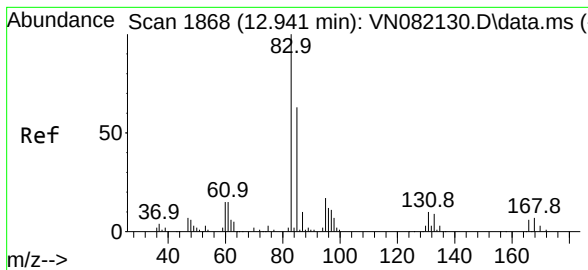


#74
N-ethyl acetate
Concen: 51.377 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37



Tgt Ion: 43 Resp: 315862
Ion Ratio Lower Upper
43 100
70 35.4 39.0 58.4#
55 22.2 21.3 31.9
61 21.1 20.5 30.7





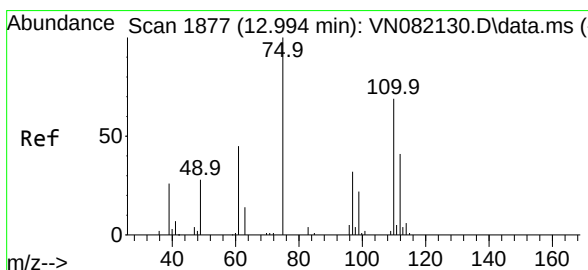
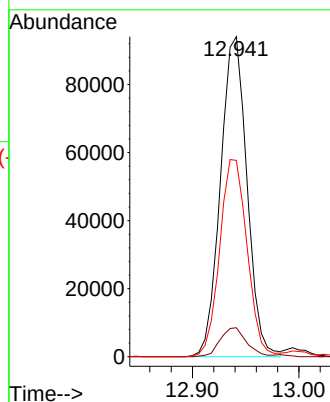
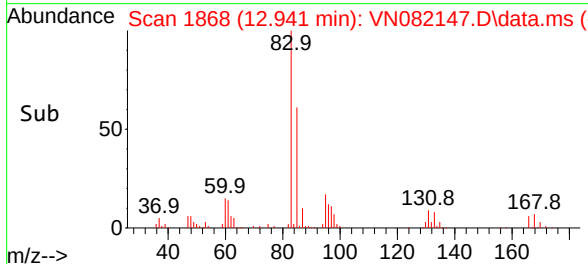
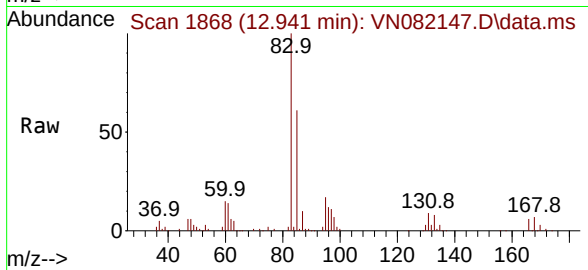
#75
1,1,2,2-Tetrachloroethane
Concen: 50.569 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 16292
Ion Ratio Lower Upper
83 100
131 9.3 5.5 16.4
85 63.6 32.9 98.6

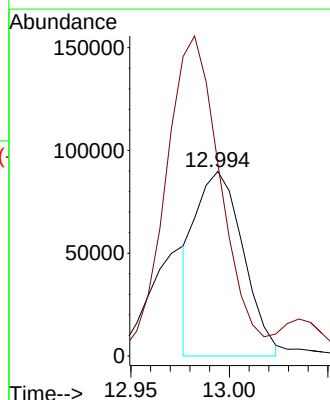
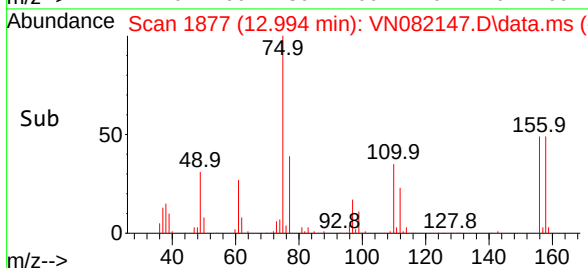
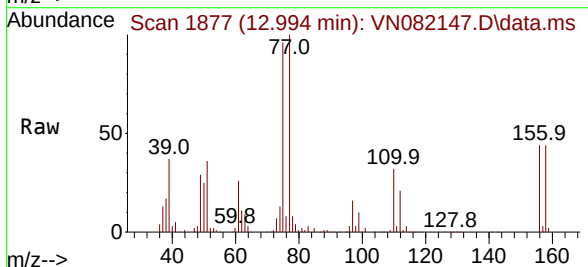
Manual Integrations
APPROVED

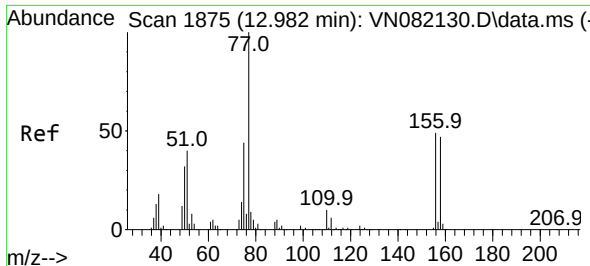
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#76
1,2,3-Trichloropropane
Concen: 50.940 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

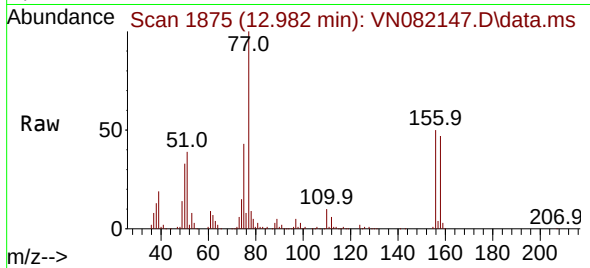
Tgt Ion: 75 Resp: 150841
Ion Ratio Lower Upper
75 100
77 201.2 90.5 271.3





#77
Bromobenzene
Concen: 49.617 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

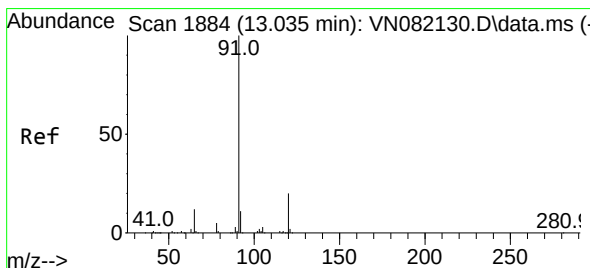
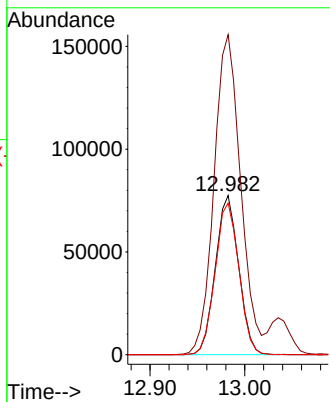
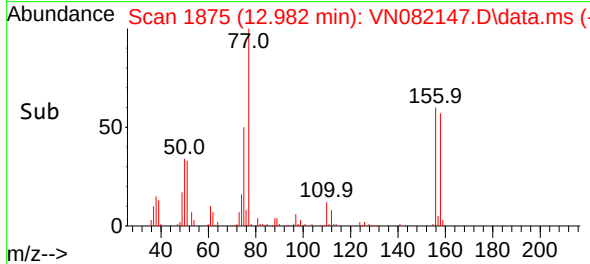
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



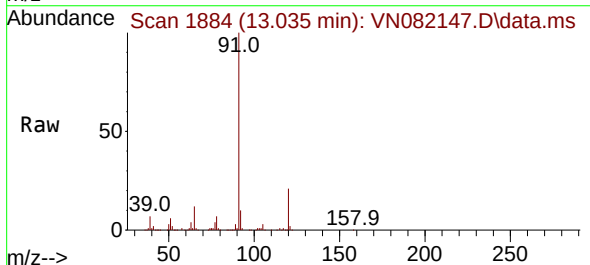
Tgt Ion:156 Resp: 132160
Ion Ratio Lower Upper
156 100
77 229.7 100.2 300.6
158 97.1 49.1 147.3

Manual Integrations
APPROVED

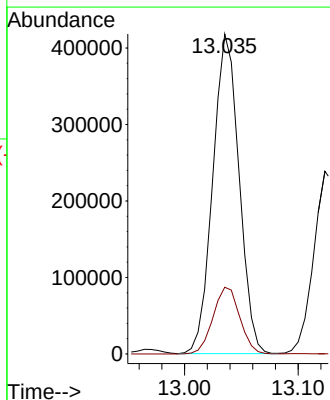
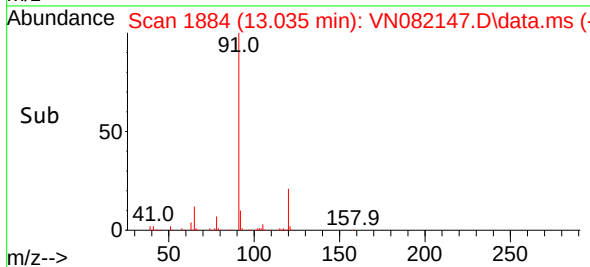
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

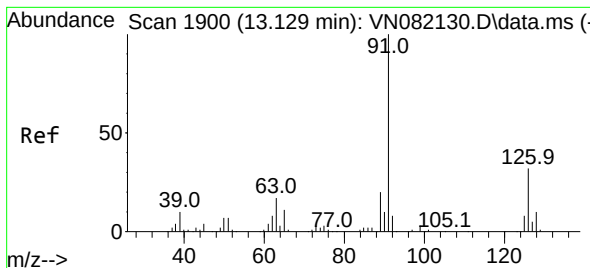


#78
n-propylbenzene
Concen: 50.735 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37



Tgt Ion: 91 Resp: 671496
Ion Ratio Lower Upper
91 100
120 21.3 11.7 35.0





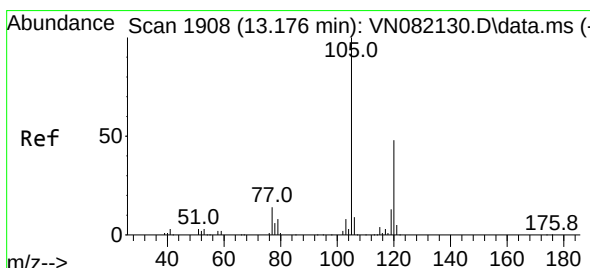
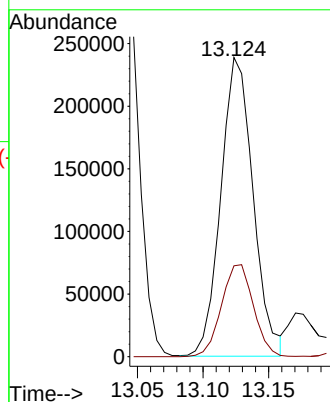
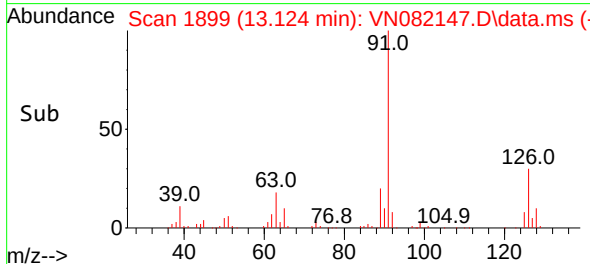
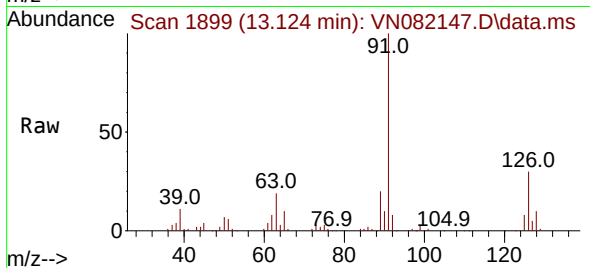
#79
2-Chlorotoluene
Concen: 49.150 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 408484
Ion Ratio Lower Upper
91 100
126 30.5 17.5 52.5

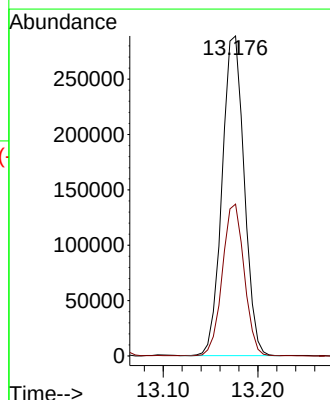
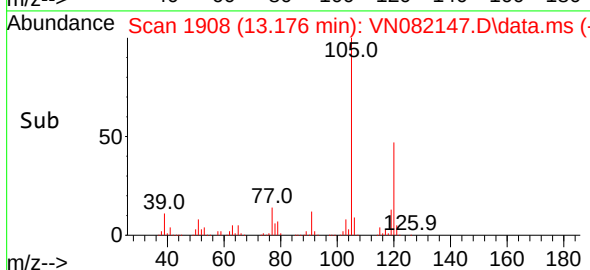
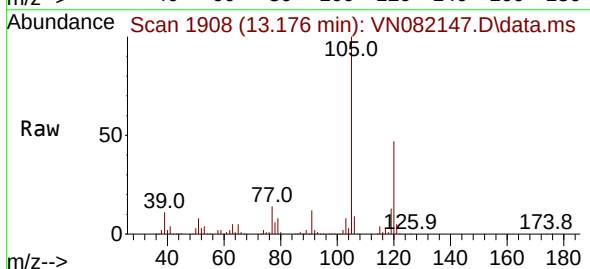
Manual Integrations
APPROVED

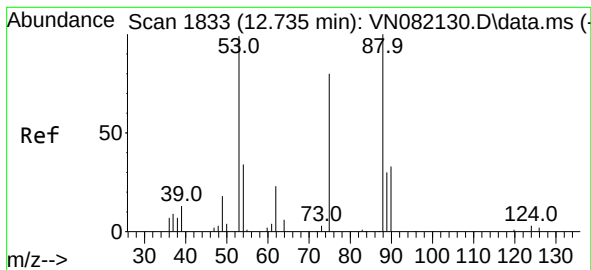
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.833 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

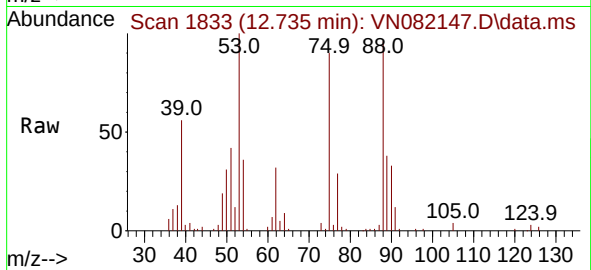
Tgt Ion:105 Resp: 468449
Ion Ratio Lower Upper
105 100
120 47.1 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.560 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

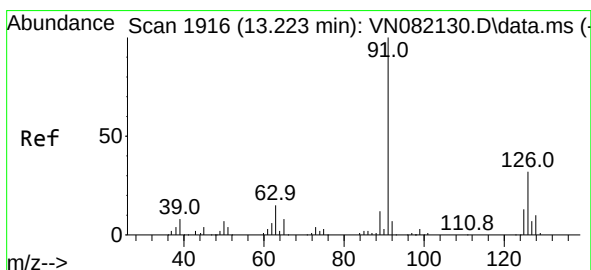
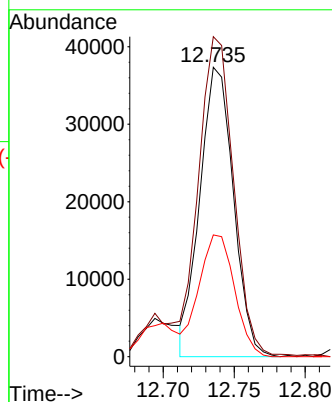
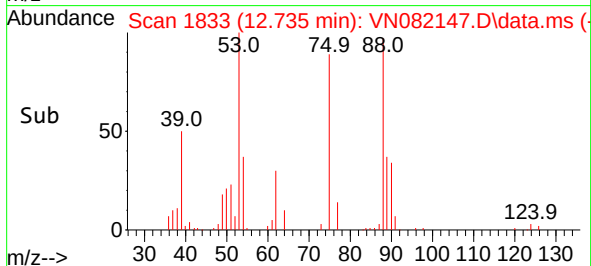
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



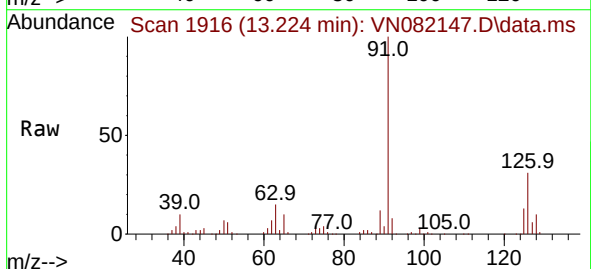
Tgt Ion: 75 Resp: 61478
Ion Ratio Lower Upper
75 100
53 118.3 72.9 109.3
89 44.7 39.1 58.7

Manual Integrations
APPROVED

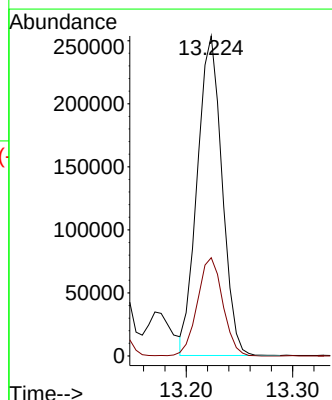
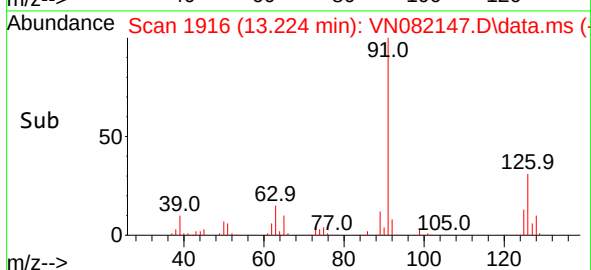
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

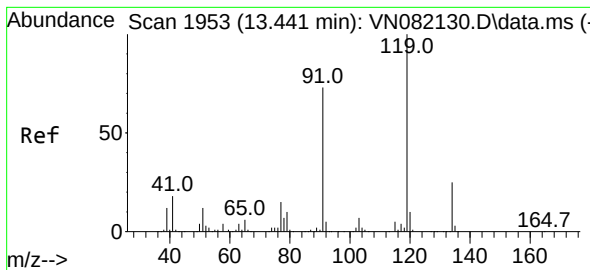


#82
4-Chlorotoluene
Concen: 50.423 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37



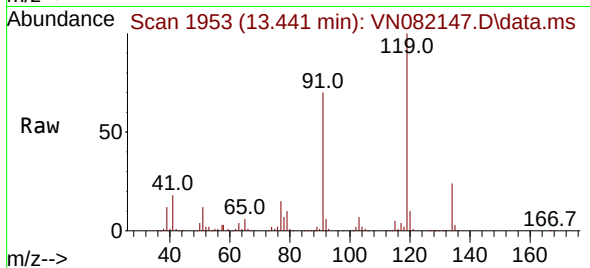
Tgt Ion: 91 Resp: 409731
Ion Ratio Lower Upper
91 100
126 31.6 17.4 52.3





#83
tert-Butylbenzene
Concen: 50.502 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

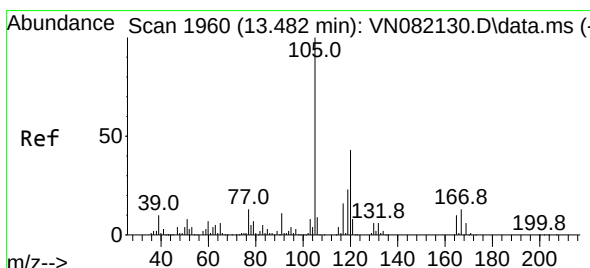
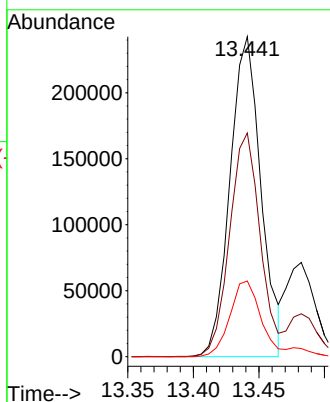
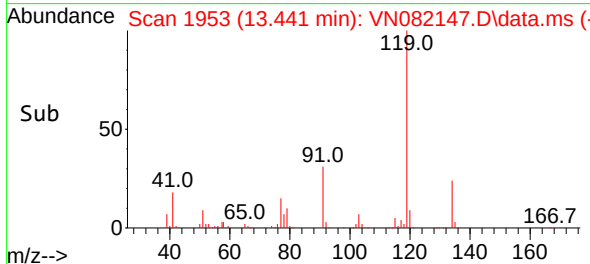
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



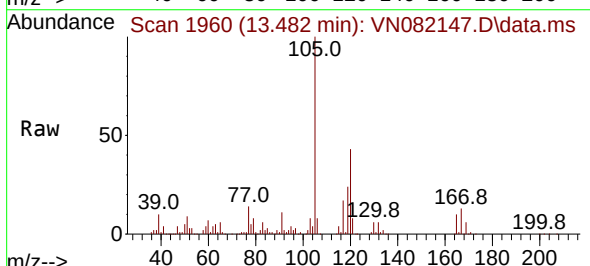
Tgt Ion:119 Resp: 399290
Ion Ratio Lower Upper
119 100
91 68.8 32.6 97.8
134 23.8 12.4 37.0

Manual Integrations
APPROVED

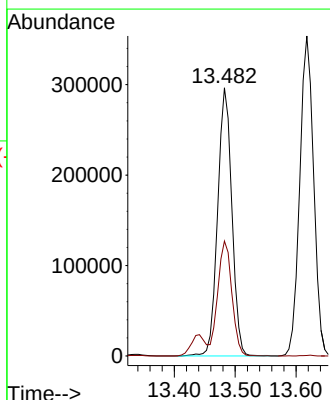
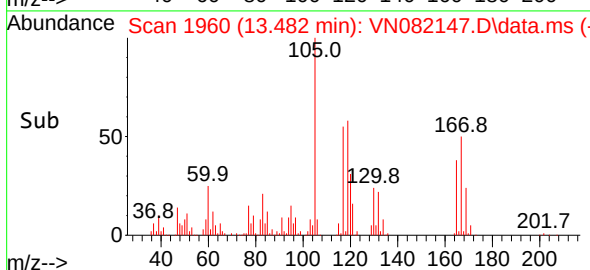
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

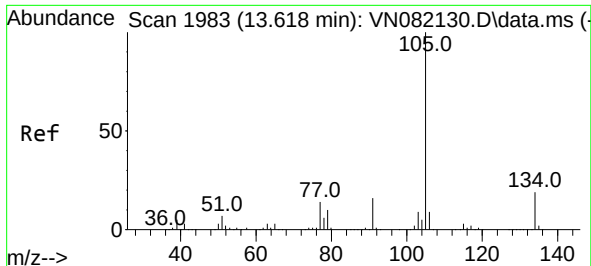


#84
1,2,4-Trimethylbenzene
Concen: 51.922 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37



Tgt Ion:105 Resp: 480083
Ion Ratio Lower Upper
105 100
120 43.0 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 51.143 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082147.D
 Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

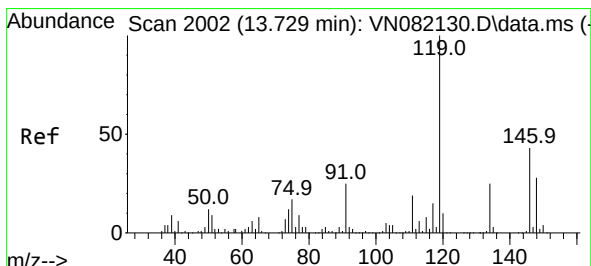
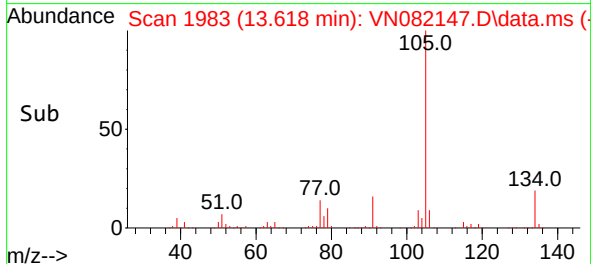
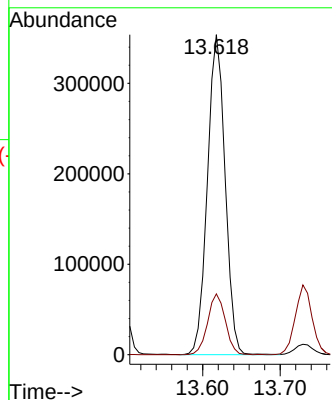
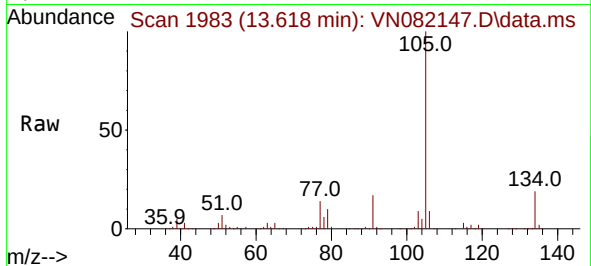
VSTDCCC050EC

Tgt Ion:105 Resp: 560480
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.2 30.4

Manual Integrations

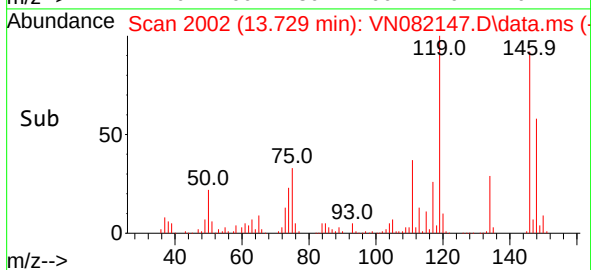
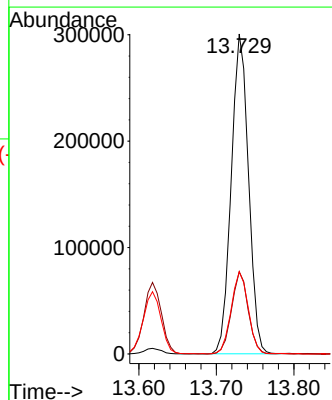
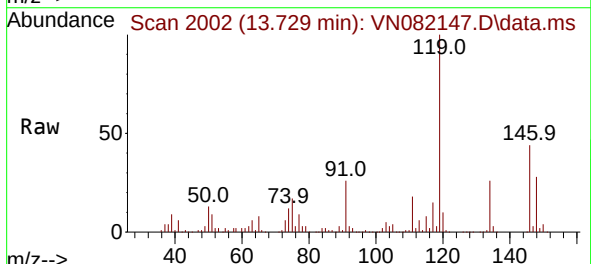
APPROVED

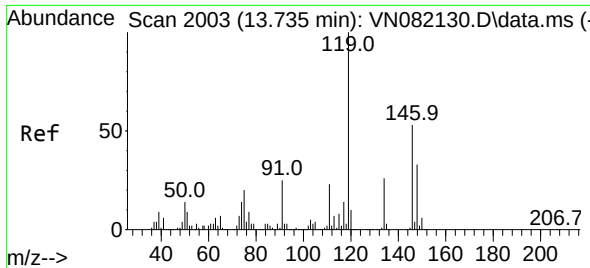
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#86
 p-Isopropyltoluene
 Concen: 52.326 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082147.D
 Acq: 15 May 2024 21:37

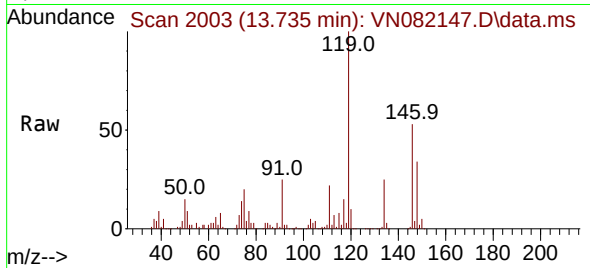
Tgt Ion:119 Resp: 466042
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.2 39.5
 91 25.5 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 49.939 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

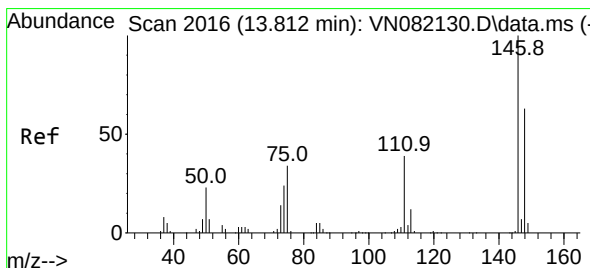
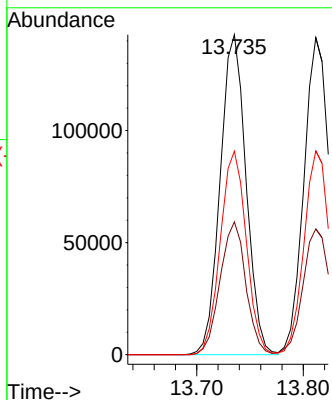
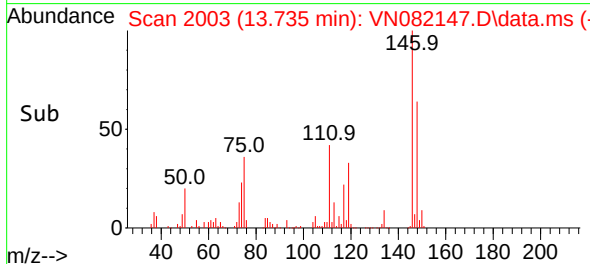
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 240989
Ion Ratio Lower Upper
146 100
111 41.3 20.8 62.5
148 63.9 32.1 96.3

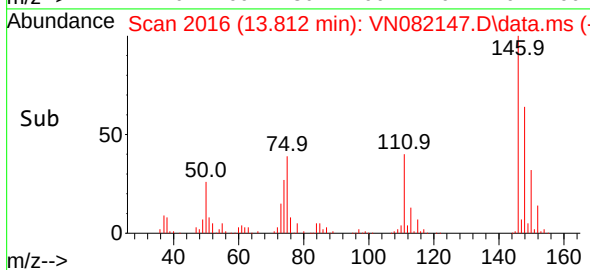
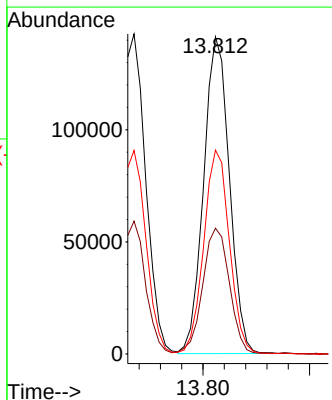
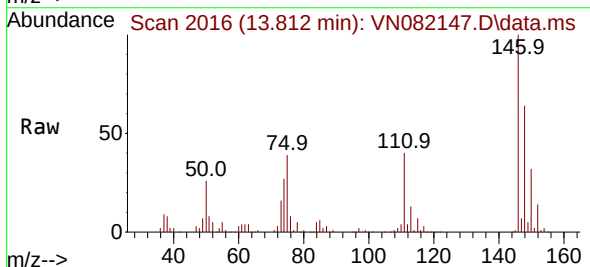
Manual Integrations
APPROVED

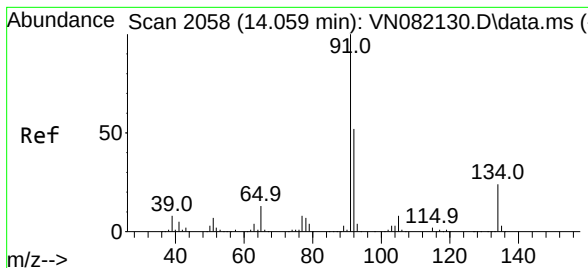
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#88
1,4-Dichlorobenzene
Concen: 48.246 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

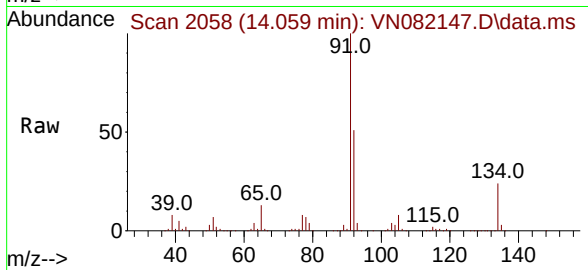
Tgt Ion:146 Resp: 237620
Ion Ratio Lower Upper
146 100
111 41.5 19.3 57.9
148 64.0 31.3 93.9





#89
n-Butylbenzene
Concen: 50.561 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

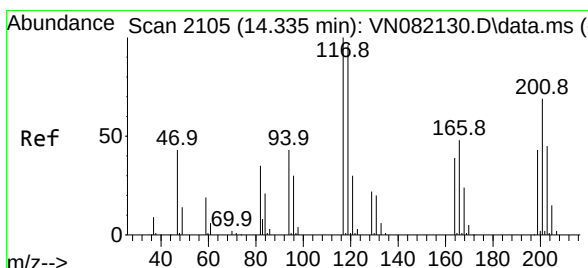
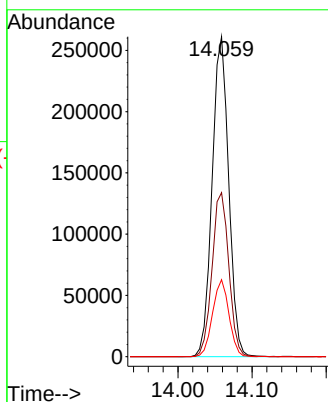
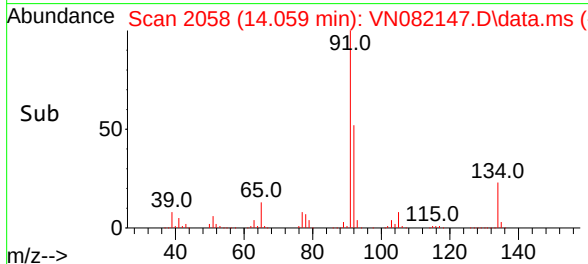
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 40475
Ion Ratio Lower Upper
91 100
92 52.0 26.2 78.5
134 23.9 13.2 39.5

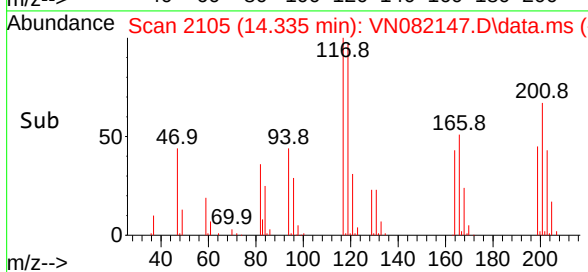
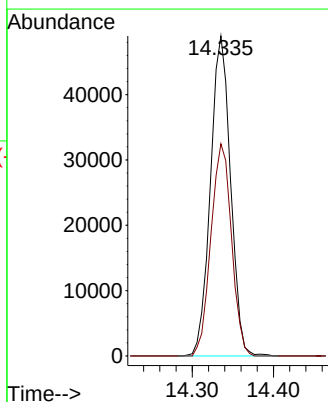
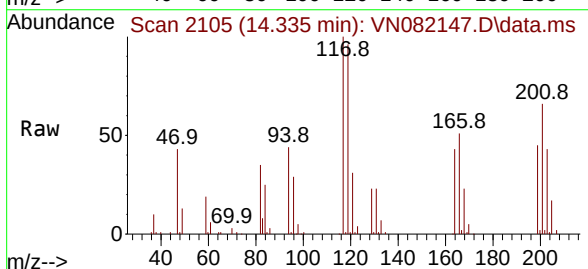
Manual Integrations
APPROVED

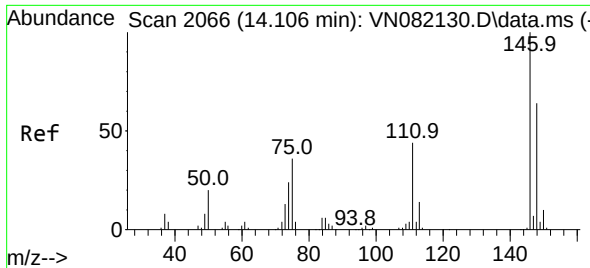
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#90
Hexachloroethane
Concen: 51.057 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

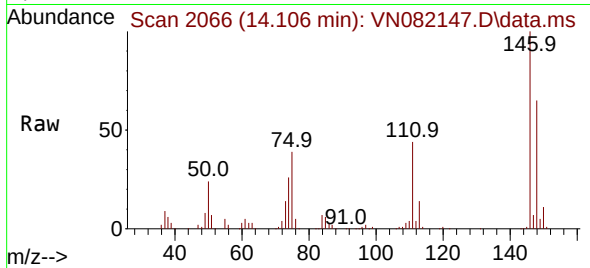
Tgt Ion:117 Resp: 84253
Ion Ratio Lower Upper
117 100
201 67.8 33.3 99.8





#91
1,2-Dichlorobenzene
Concen: 50.072 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

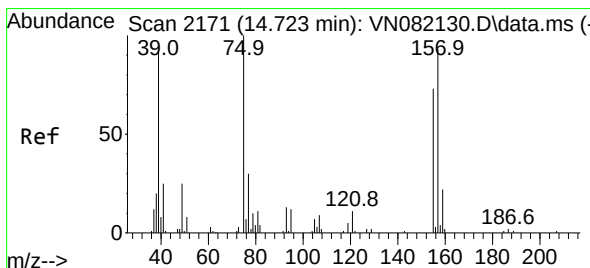
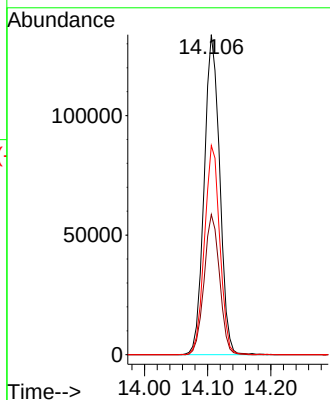
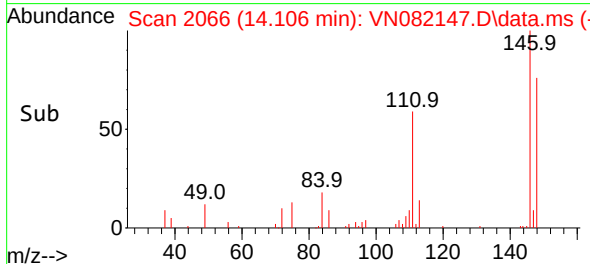
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 228718
Ion Ratio Lower Upper
146 100
111 43.5 21.3 64.0
148 64.4 31.8 95.4

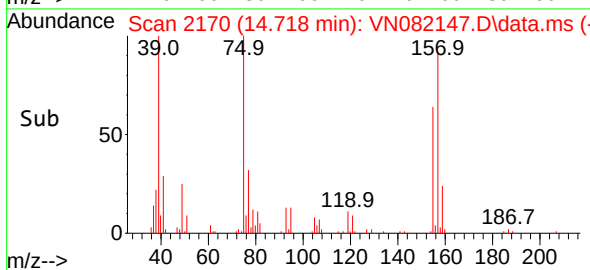
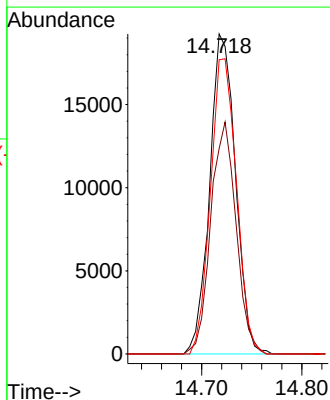
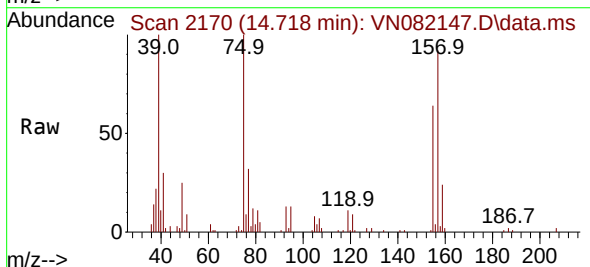
Manual Integrations
APPROVED

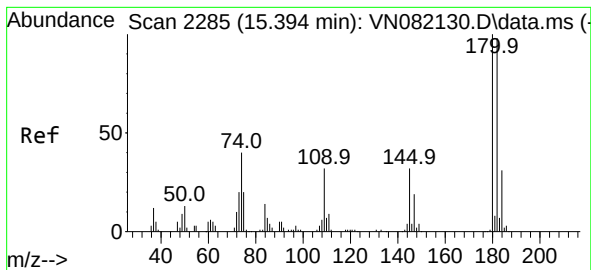
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.027 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 75 Resp: 34440
Ion Ratio Lower Upper
75 100
155 71.2 42.6 128.0
157 93.1 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 50.047 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

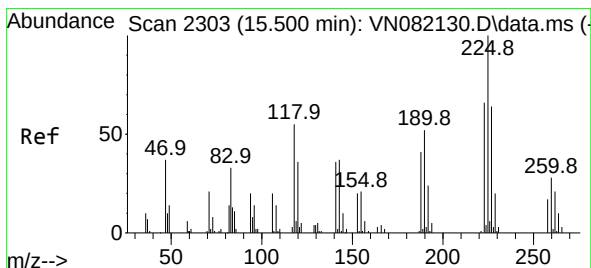
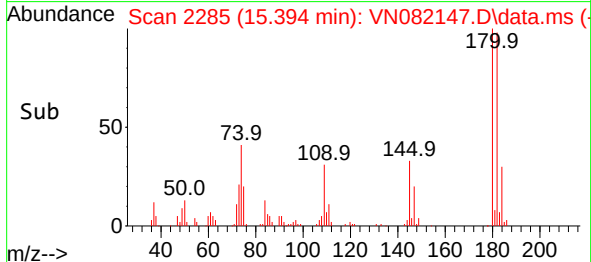
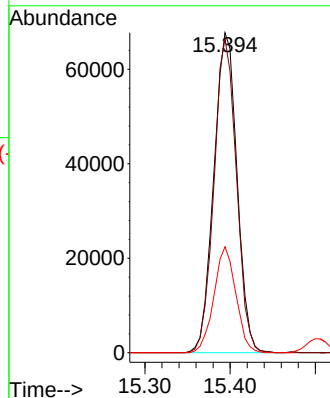
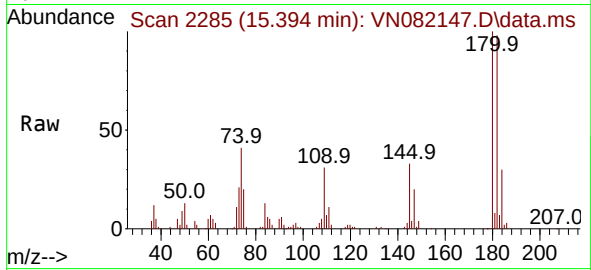
Tgt Ion:	180	Resp:	12814
Ion Ratio	Lower	Upper	
180	100		
182	95.2	46.7	140.0
145	31.4	16.2	48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#94

Hexachlorobutadiene

Concen: 44.775 ug/l

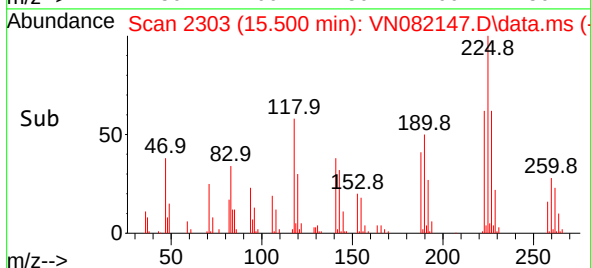
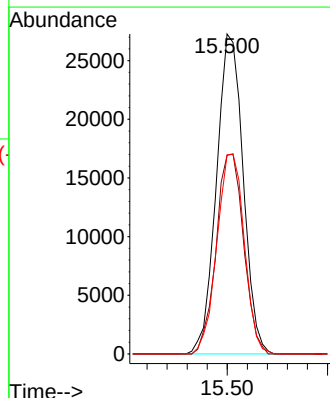
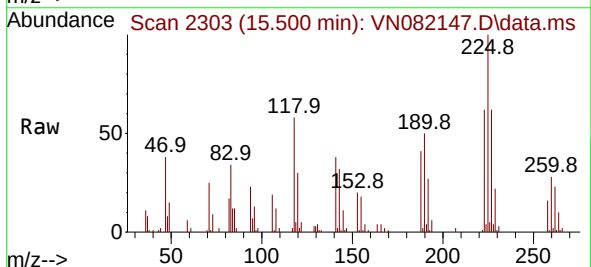
RT: 15.500 min Scan# 2303

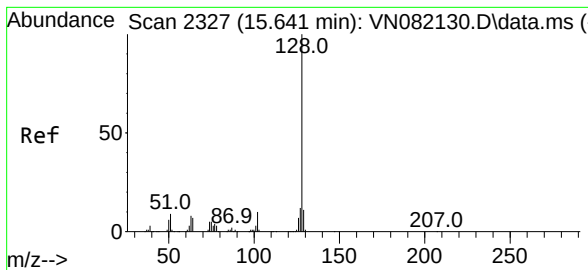
Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

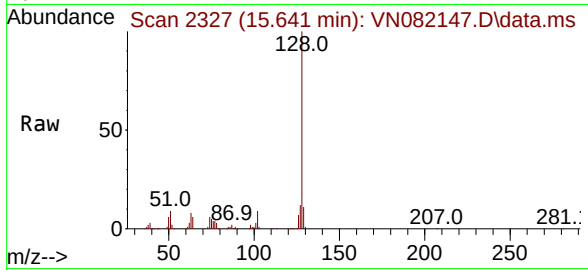
Tgt Ion:	225	Resp:	50305
Ion Ratio	Lower	Upper	
225	100		
223	64.3	31.1	93.2
227	64.0	30.6	91.6





#95
Naphthalene
Concen: 53.782 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

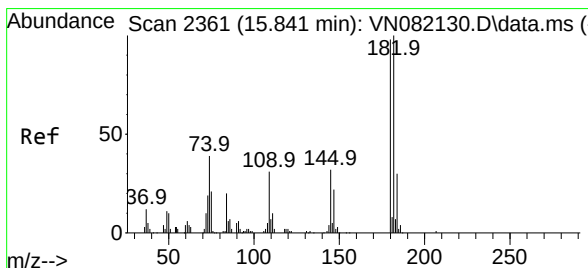
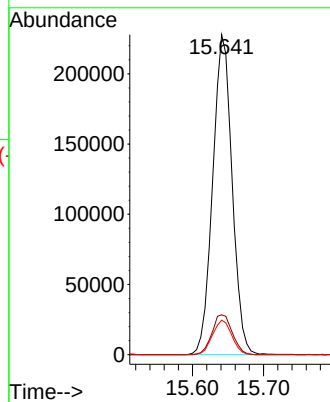
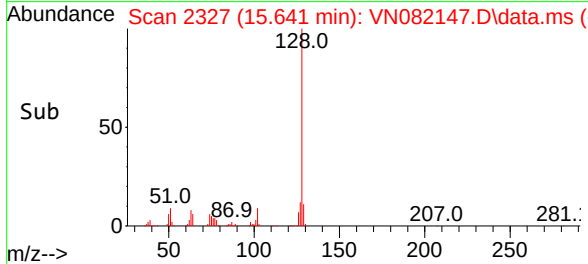
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 431549
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.050 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion:180 Resp: 130851
Ion Ratio Lower Upper
180 100
182 94.9 46.0 137.8
145 33.4 17.1 51.3

