

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081224\
 Data File : VN083225.D
 Acq On : 12 Aug 2024 09:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 13 04:10:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/13/2024
 Supervised By : Semsettin Yesilyurt 08/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	179688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143028	55.922	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.840%			
35) Dibromofluoromethane	8.165	113	104502	54.912	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.820%			
50) Toluene-d8	10.565	98	395152	55.663	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.320%			
62) 4-Bromofluorobenzene	12.847	95	154465	55.812	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 111.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	106167	52.102	ug/l	97
3) Chloromethane	2.365	50	104742	50.208	ug/l	99
4) Vinyl Chloride	2.518	62	109254	51.324	ug/l	97
5) Bromomethane	2.948	94	69185	52.379	ug/l	96
6) Chloroethane	3.118	64	68932	51.759	ug/l	98
7) Trichlorofluoromethane	3.495	101	189534	53.897	ug/l	100
8) Diethyl Ether	3.959	74	65541	50.087	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	104659	53.981	ug/l	99
10) Methyl Iodide	4.583	142	129623	50.825	ug/l	96
11) Tert butyl alcohol	5.524	59	127596	240.055	ug/l	98
12) 1,1-Dichloroethene	4.342	96	97400	48.898	ug/l	91
13) Acrolein	4.177	56	87627	252.950	ug/l	99
14) Allyl chloride	5.018	41	165647	44.007	ug/l	94
15) Acrylonitrile	5.718	53	262352	239.993	ug/l	100
16) Acetone	4.424	43	275489	275.268	ug/l	98
17) Carbon Disulfide	4.712	76	267918	45.969	ug/l	99
18) Methyl Acetate	5.018	43	147849	49.583	ug/l	92
19) Methyl tert-butyl Ether	5.795	73	370016	51.465	ug/l	99
20) Methylene Chloride	5.271	84	110503	47.976	ug/l	83
21) trans-1,2-Dichloroethene	5.783	96	102315	49.699	ug/l	89
22) Diisopropyl ether	6.671	45	368873	52.134	ug/l	95
23) Vinyl Acetate	6.600	43	1888229	260.362	ug/l	95
24) 1,1-Dichloroethane	6.565	63	202988	52.633	ug/l	98
25) 2-Butanone	7.483	43	369634	240.537	ug/l	93
26) 2,2-Dichloropropane	7.489	77	200252	55.911	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	126965	51.108	ug/l	95
28) Bromochloromethane	7.812	49	81813	51.908	ug/l	86
29) Tetrahydrofuran	7.836	42	234788	236.354	ug/l	89
30) Chloroform	7.965	83	216764	54.100	ug/l	99
31) Cyclohexane	8.253	56	178073	46.981	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	201020	53.003	ug/l	97
36) 1,1-Dichloropropene	8.371	75	151169	52.510	ug/l	100
37) Ethyl Acetate	7.559	43	151279	46.932	ug/l #	98
38) Carbon Tetrachloride	8.359	117	178753	55.128	ug/l	97
39) Methylcyclohexane	9.600	83	185545	52.473	ug/l	93
40) Benzene	8.606	78	456196	53.193	ug/l	100

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Quant Time: Aug 13 04:10:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	88370	48.217	ug/l	96
42) 1,2-Dichloroethane	8.671	62	169788	54.347	ug/l	99
43) Isopropyl Acetate	8.689	43	282277	50.529	ug/l #	94
44) Trichloroethene	9.353	130	108403	53.104	ug/l	93
45) 1,2-Dichloropropane	9.618	63	109843	53.957	ug/l	98
46) Dibromomethane	9.712	93	79172	54.334	ug/l	99
47) Bromodichloromethane	9.888	83	176954	54.085	ug/l	100
48) Methyl methacrylate	9.677	41	131746	49.438	ug/l	93
49) 1,4-Dioxane	9.700	88	43204	898.633	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	772166	253.325	ug/l	93
52) Toluene	10.630	92	293708	54.202	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	185568	55.216	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	193978	54.265	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	105866	54.516	ug/l	97
56) Ethyl methacrylate	10.871	69	190644	52.076	ug/l	88
57) 1,3-Dichloropropane	11.165	76	187296	54.111	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	400965	259.113	ug/l	96
59) 2-Hexanone	11.194	43	593714	251.771	ug/l	93
60) Dibromochloromethane	11.359	129	129486	55.151	ug/l	100
61) 1,2-Dibromoethane	11.471	107	108519	53.196	ug/l	97
64) Tetrachloroethene	11.106	164	94303	53.298	ug/l	97
65) Chlorobenzene	11.894	112	312834	52.987	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	111819	53.701	ug/l	98
67) Ethyl Benzene	11.965	91	576944	53.269	ug/l	99
68) m/p-Xylenes	12.071	106	434899	107.195	ug/l	98
69) o-Xylene	12.400	106	209334	52.315	ug/l	98
70) Styrene	12.412	104	362959	54.007	ug/l	98
71) Bromoform	12.576	173	85089	53.942	ug/l #	100
73) Isopropylbenzene	12.694	105	556582	51.874	ug/l	99
74) N-amyl acetate	12.494	43	244139	46.518	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	147975	48.762	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	135692m	48.197	ug/l	
77) Bromobenzene	12.982	156	124716	52.326	ug/l	96
78) n-propylbenzene	13.035	91	654772	52.997	ug/l	99
79) 2-Chlorotoluene	13.124	91	404389	51.627	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	471752	52.517	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	60244	46.546	ug/l	93
82) 4-Chlorotoluene	13.224	91	410875	52.295	ug/l	97
83) tert-Butylbenzene	13.441	119	410725	51.631	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	477317	52.727	ug/l	99
85) sec-Butylbenzene	13.618	105	567147	52.249	ug/l	100
86) p-Isopropyltoluene	13.729	119	479994	53.556	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	232420	51.823	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	234120	51.781	ug/l	98
89) n-Butylbenzene	14.053	91	431446	55.556	ug/l	99
90) Hexachloroethane	14.335	117	90014	51.985	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	221401	51.015	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	33146	45.011	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	127272	52.346	ug/l	98
94) Hexachlorobutadiene	15.500	225	52994	49.009	ug/l	98
95) Naphthalene	15.641	128	420146	48.783	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	122246	50.813	ug/l	98

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ClientSampleId :
VSTDCCC050

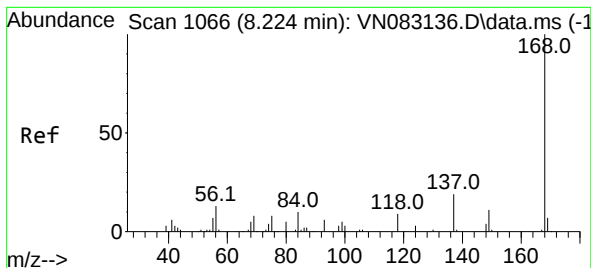
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 08/13/2024

Quant Time: Aug 13 04:10:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration

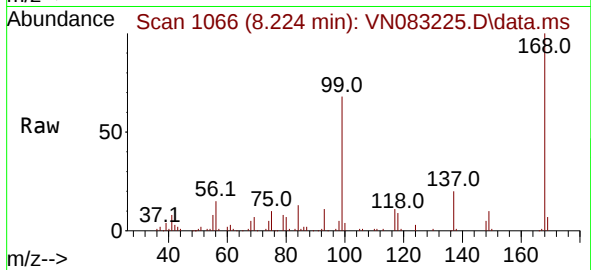
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

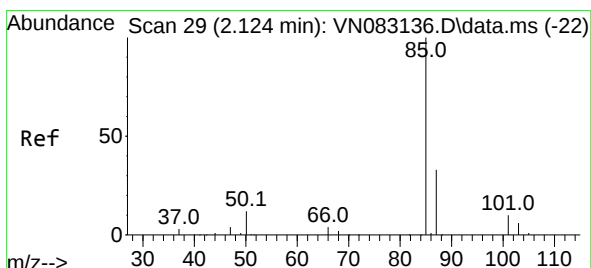
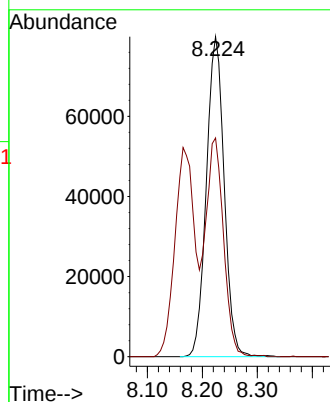
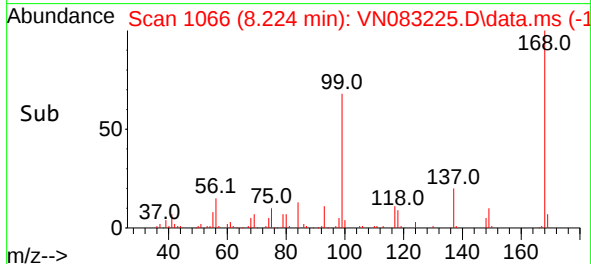
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 179688
Ion Ratio Lower Upper
168 100
99 68.3 48.2 72.4

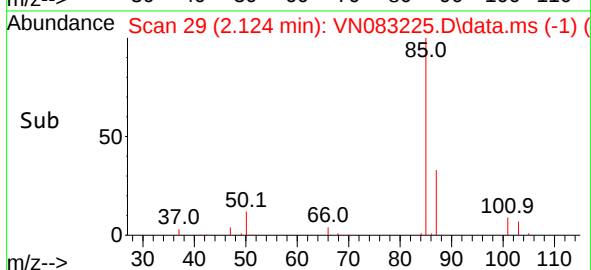
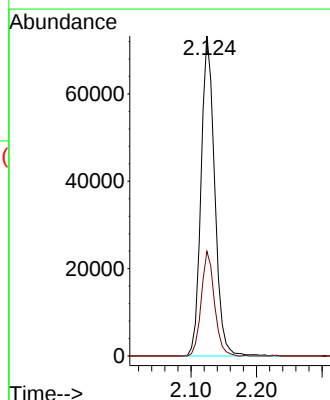
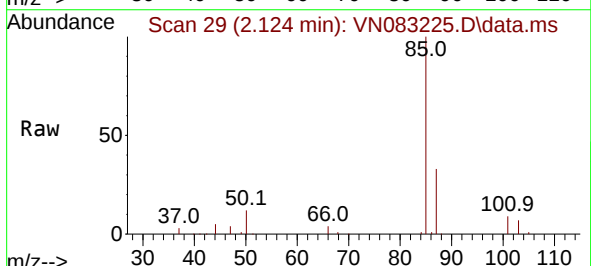
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APPROVED

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Supervised By :Semsettin Yesilyurt 08/13/2024



#2
Dichlorodifluoromethane
Concen: 52.102 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

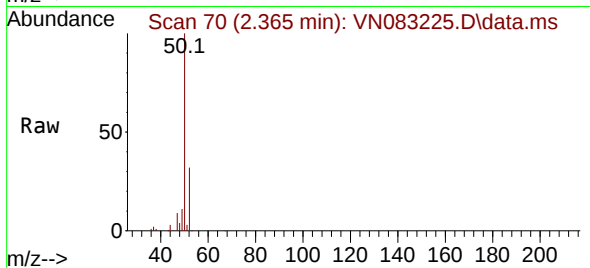
Tgt Ion: 85 Resp: 106167
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.0





#3
Chloromethane
Concen: 50.208 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

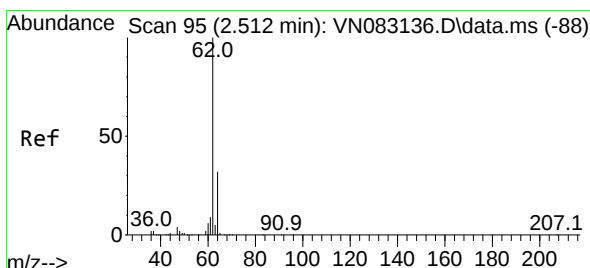
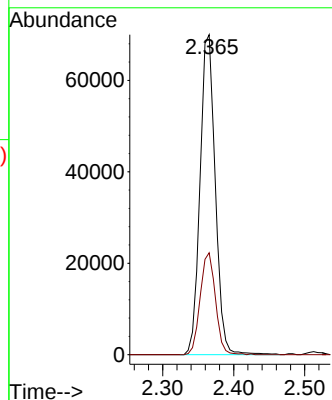
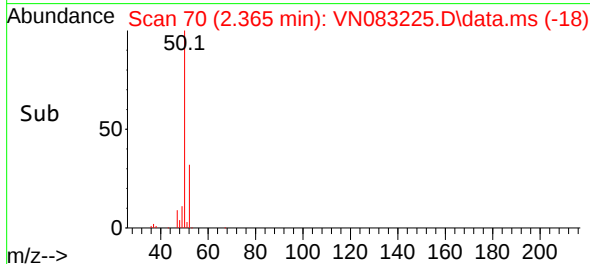
Instrument :
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ClientSampleId :
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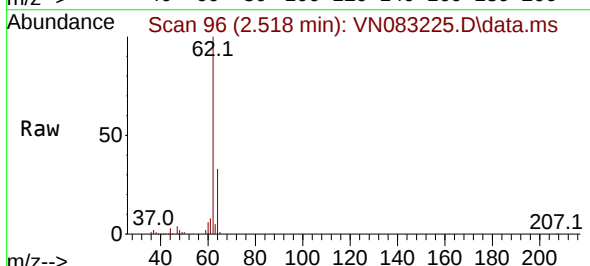
Tgt Ion: 50 Resp: 10474
Ion Ratio Lower Upper
50 100
52 31.8 25.0 37.4

Manual Integrations
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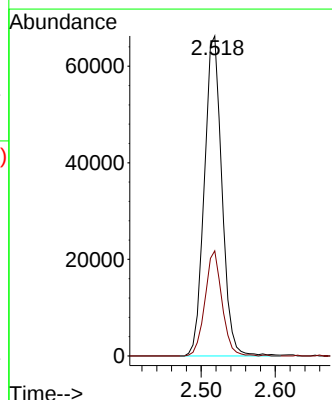
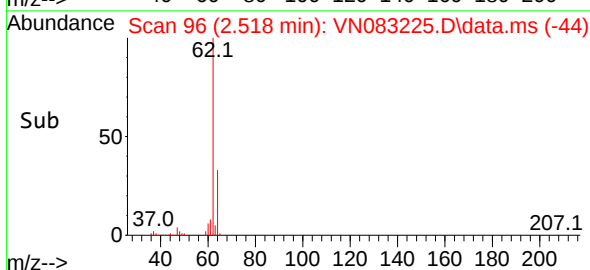
Reviewed By :John Carlone 08/13/2024
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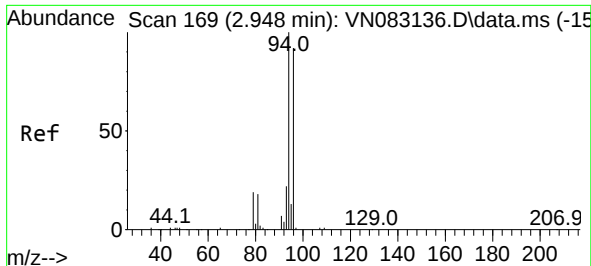


#4
Vinyl Chloride
Concen: 51.324 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48



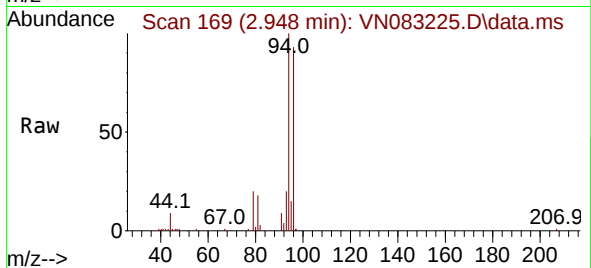
Tgt Ion: 62 Resp: 109254
Ion Ratio Lower Upper
62 100
64 32.8 25.0 37.6





#5
Bromomethane
Concen: 52.379 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

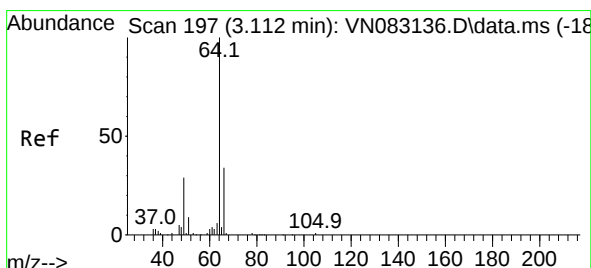
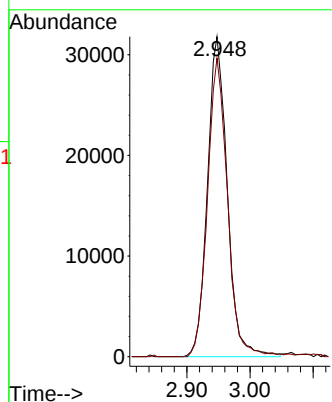
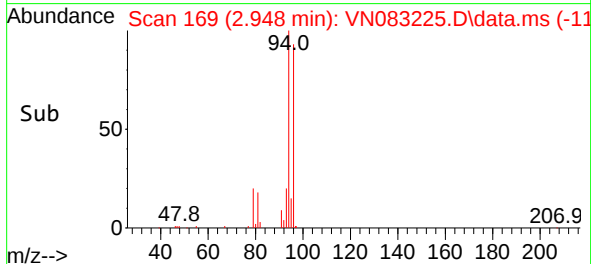
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 6918
Ion Ratio Lower Upper
94 100
96 93.3 78.0 117.0

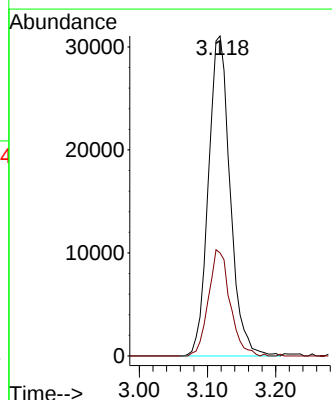
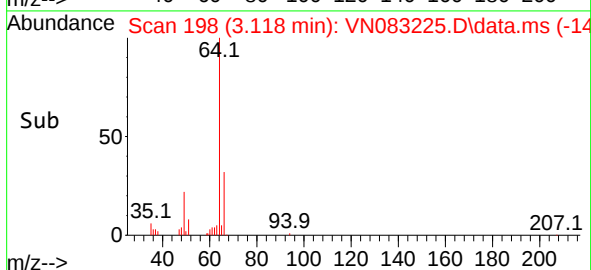
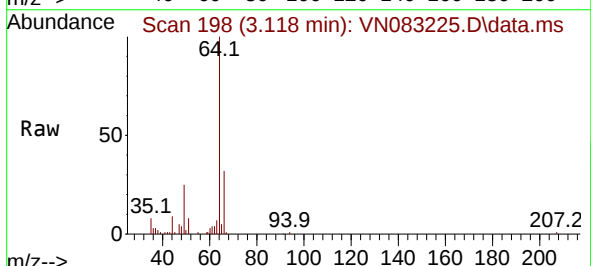
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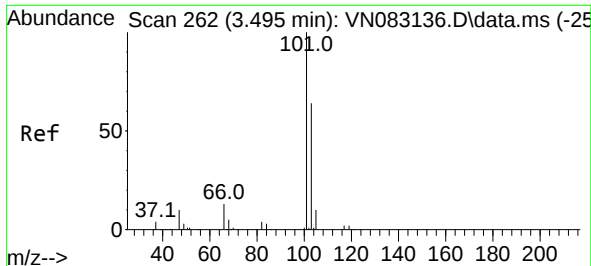
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#6
Chloroethane
Concen: 51.759 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

Tgt Ion: 64 Resp: 68932
Ion Ratio Lower Upper
64 100
66 32.2 26.6 40.0





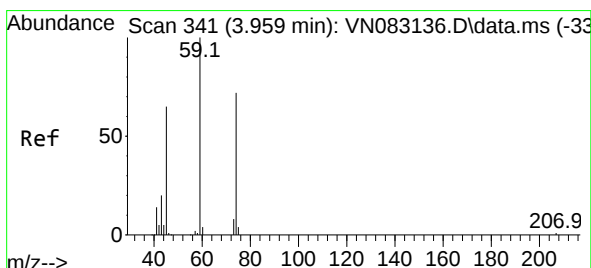
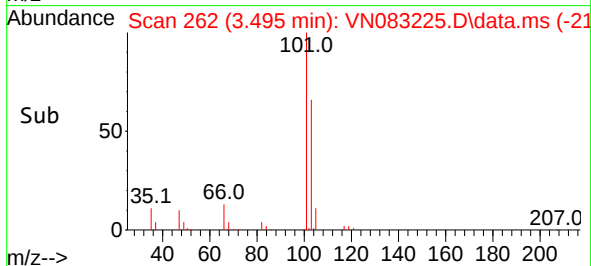
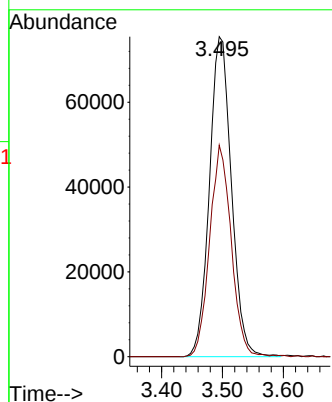
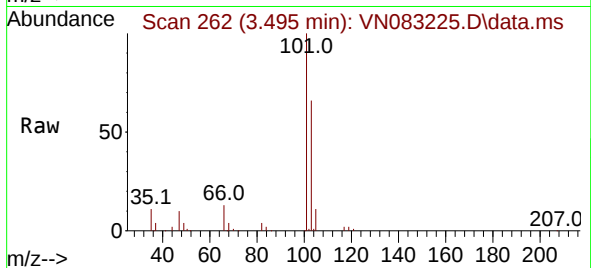
#7
Trichlorofluoromethane
Concen: 53.897 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 189534
Ion Ratio Lower Upper
101 100
103 66.1 52.7 79.1

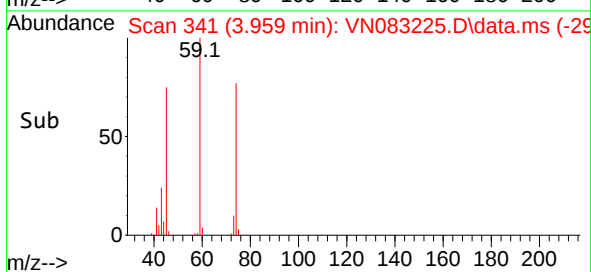
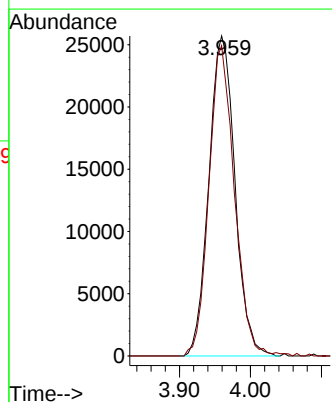
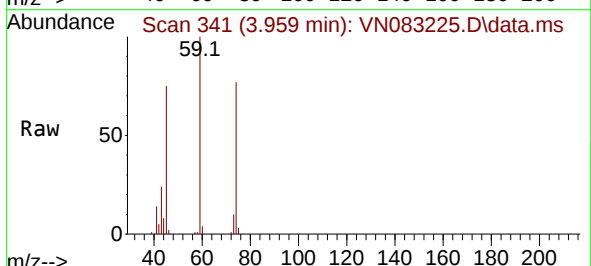
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#8
Diethyl Ether
Concen: 50.087 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

Tgt Ion: 74 Resp: 65541
Ion Ratio Lower Upper
74 100
45 94.8 55.5 166.3





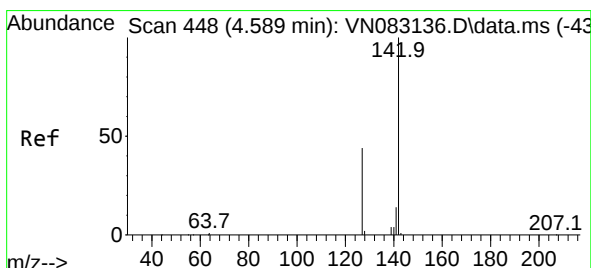
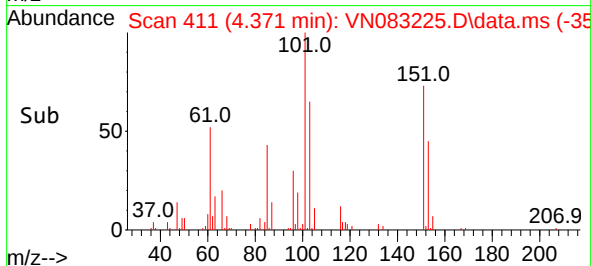
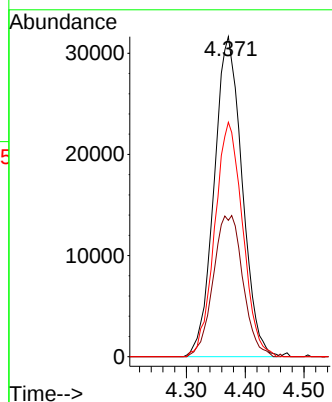
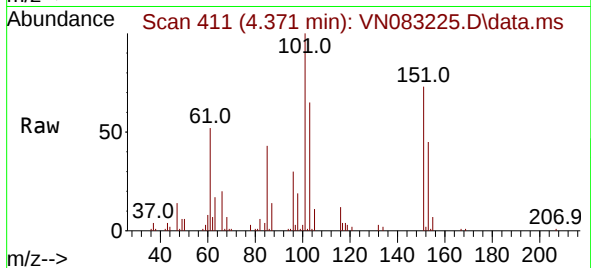
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.981 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 104659
Ion Ratio Lower Upper
101 100
85 46.8 38.3 57.5
151 73.2 59.3 88.9

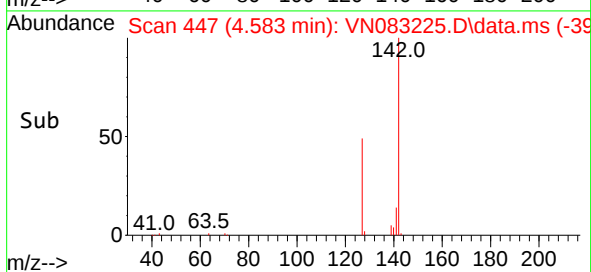
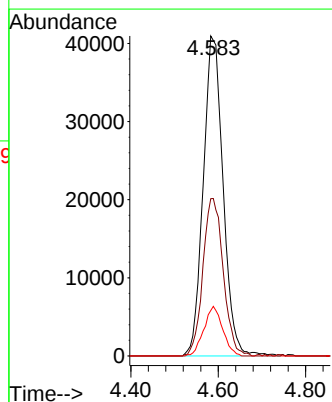
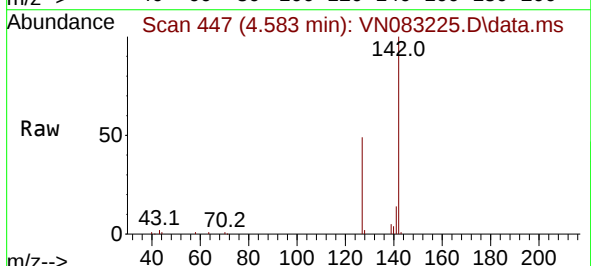
Manual Integrations
APPROVED

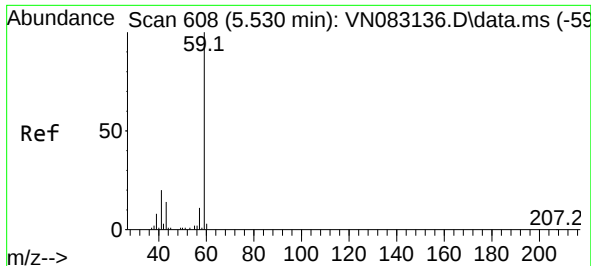
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#10
Methyl Iodide
Concen: 50.825 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

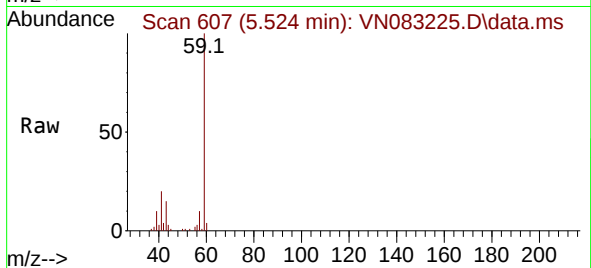
Tgt Ion:142 Resp: 129623
Ion Ratio Lower Upper
142 100
127 49.2 37.5 56.3
141 14.2 13.1 19.7





#11
Tert butyl alcohol
Concen: 240.055 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

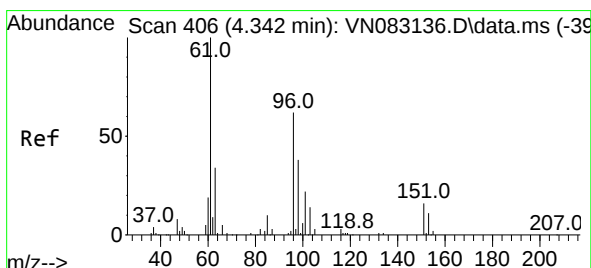
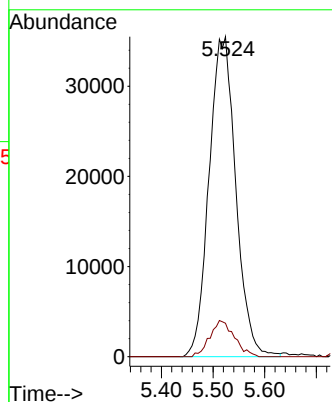
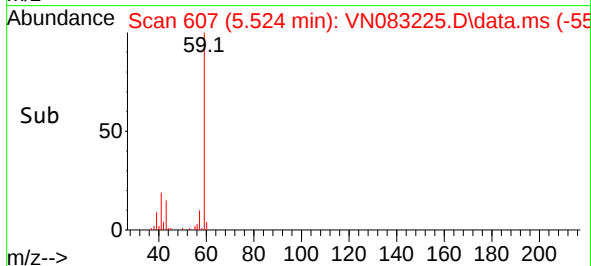
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



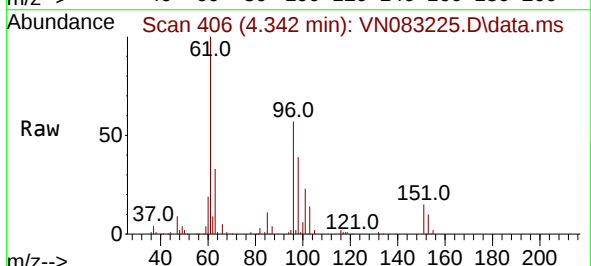
Tgt Ion: 59 Resp: 127590
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3

Manual Integrations
APPROVED

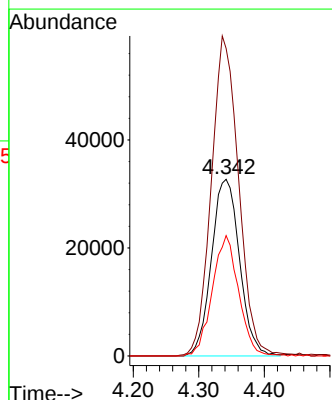
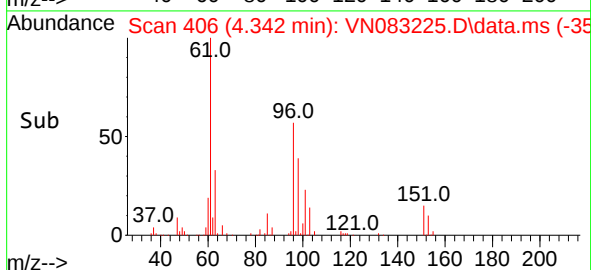
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#12
1,1-Dichloroethene
Concen: 48.898 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48



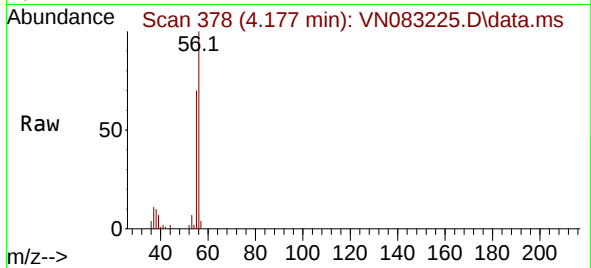
Tgt Ion: 96 Resp: 97400
Ion Ratio Lower Upper
96 100
61 173.6 149.7 224.5
98 68.1 50.1 75.1





#13
Acrolein
Concen: 252.950 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

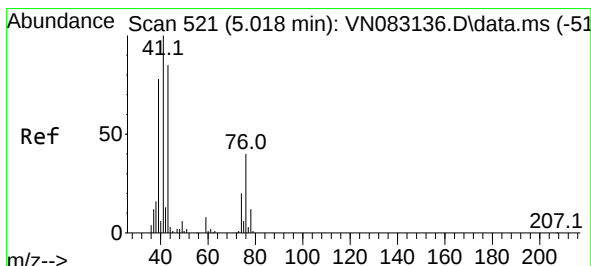
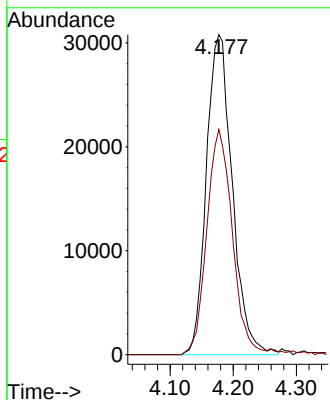
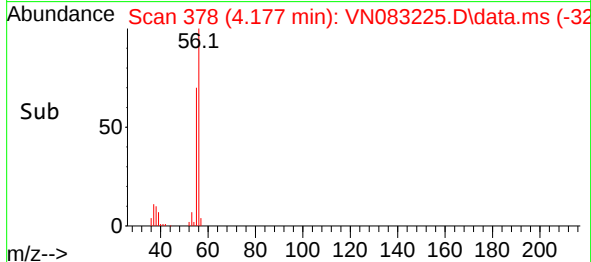
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 8762
Ion Ratio Lower Upper
56 100
55 69.9 56.4 84.6

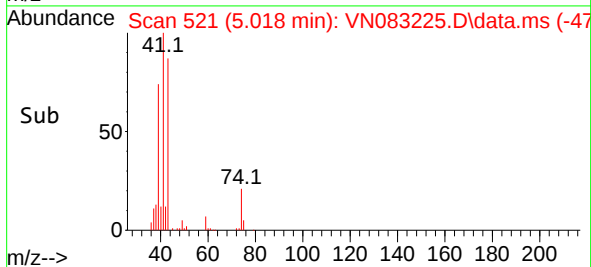
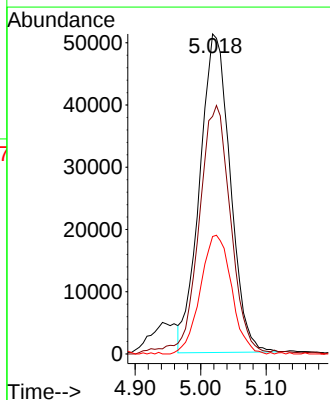
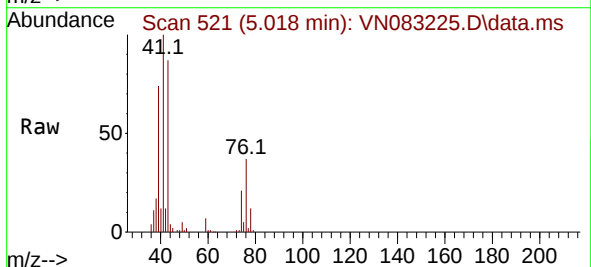
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#14
Allyl chloride
Concen: 44.007 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

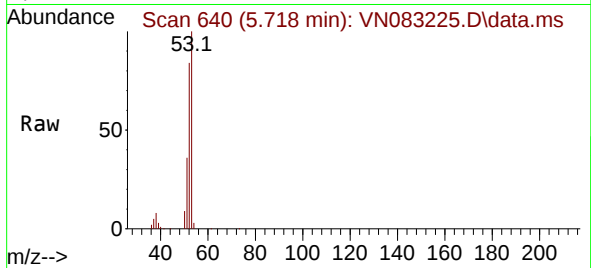
Tgt Ion: 41 Resp: 165647
Ion Ratio Lower Upper
41 100
39 81.0 67.8 101.6
76 38.0 25.8 38.8





#15
Acrylonitrile
Concen: 239.993 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

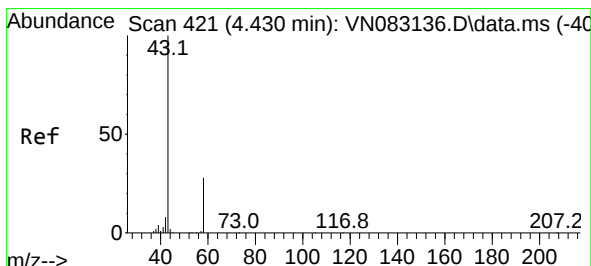
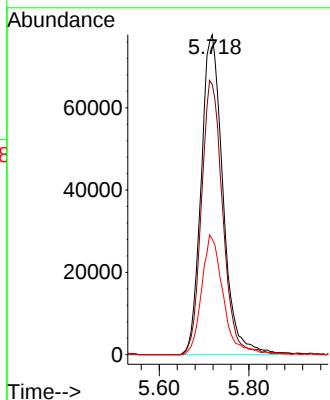
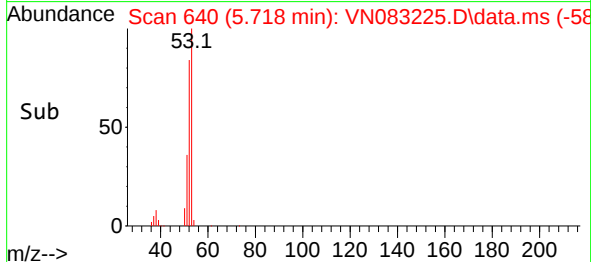
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



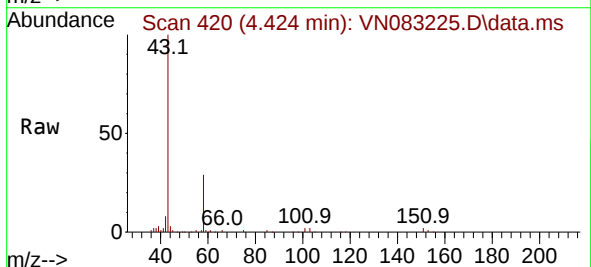
Tgt Ion: 53 Resp: 262352
Ion Ratio Lower Upper
53 100
52 83.4 66.6 100.0
51 37.0 30.1 45.1

Manual Integrations
APPROVED

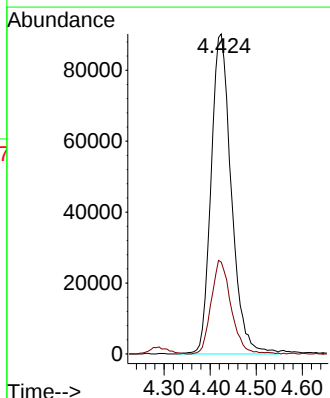
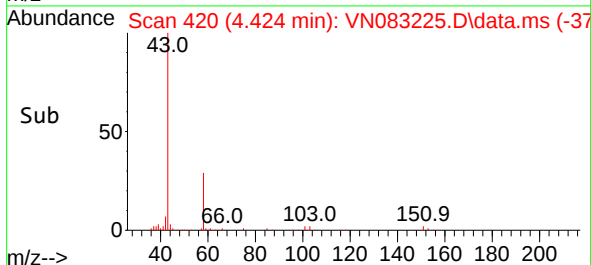
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#16
Acetone
Concen: 275.268 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48



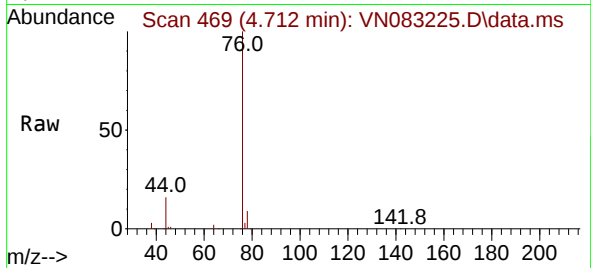
Tgt Ion: 43 Resp: 275489
Ion Ratio Lower Upper
43 100
58 28.4 21.8 32.6





#17
Carbon Disulfide
Concen: 45.969 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

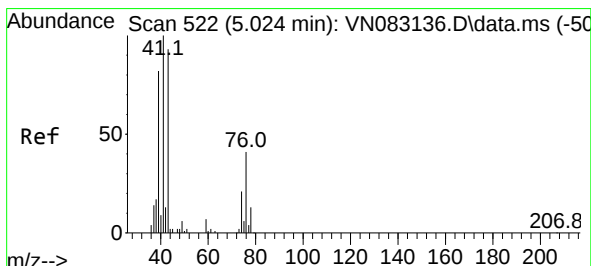
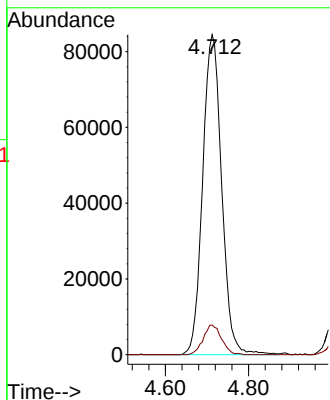
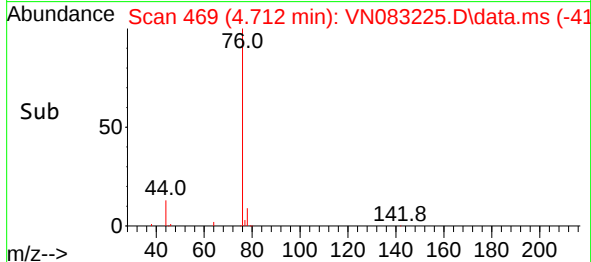
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



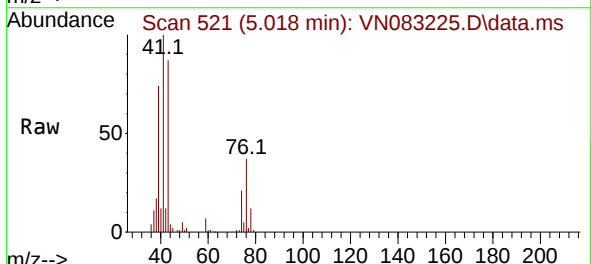
Tgt Ion: 76 Resp: 267918
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

Manual Integrations
APPROVED

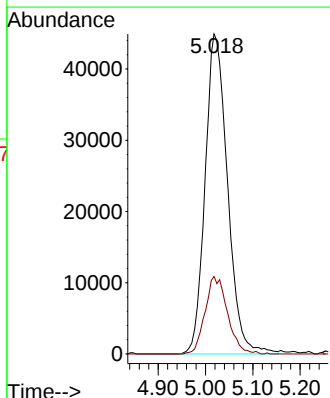
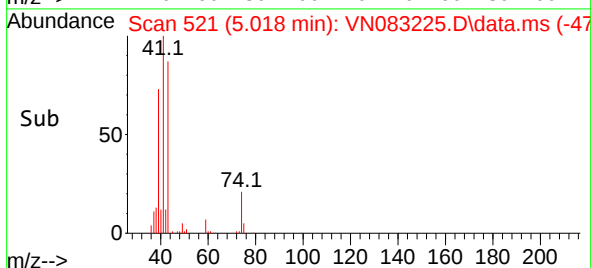
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#18
Methyl Acetate
Concen: 49.583 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48



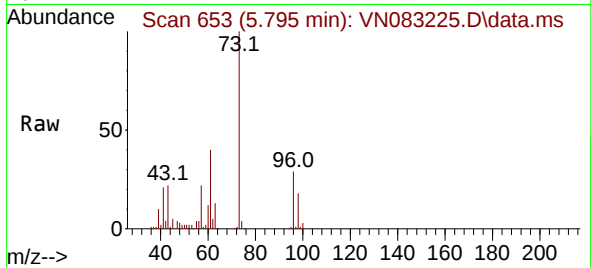
Tgt Ion: 43 Resp: 147849
Ion Ratio Lower Upper
43 100
74 24.2 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 51.465 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

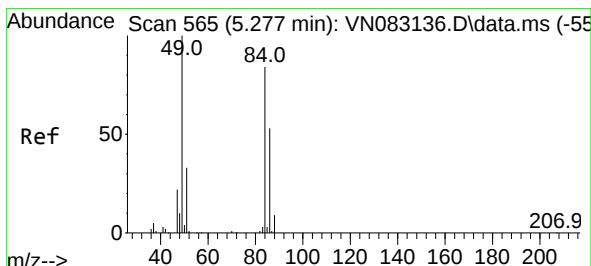
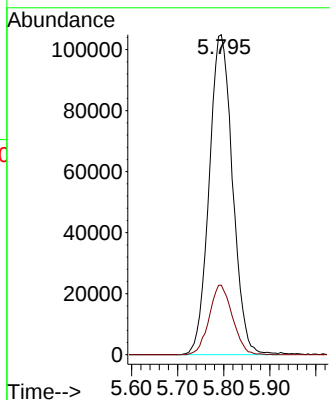
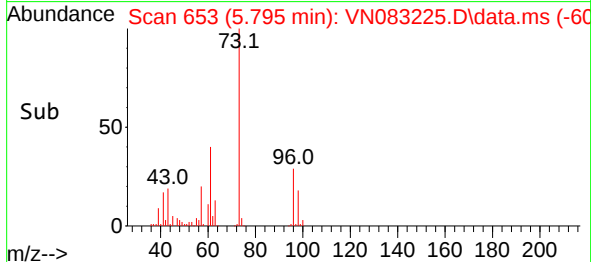
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



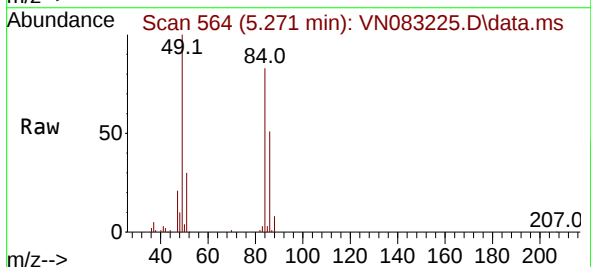
Tgt Ion: 73 Resp: 370010
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9

Manual Integrations
APPROVED

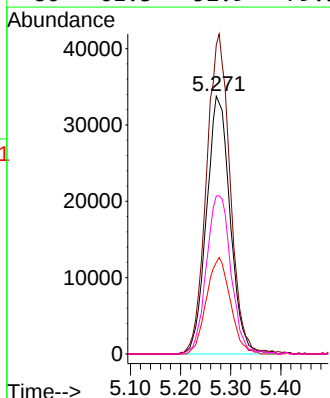
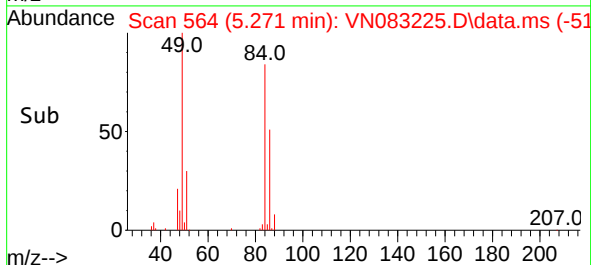
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#20
Methylene Chloride
Concen: 47.976 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48



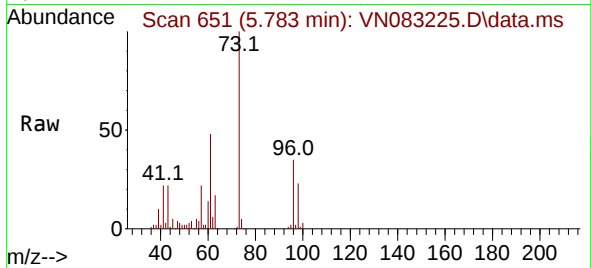
Tgt Ion: 84 Resp: 110503
Ion Ratio Lower Upper
84 100
49 119.9 119.6 179.4
51 35.5 34.8 52.2
86 61.3 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 49.699 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

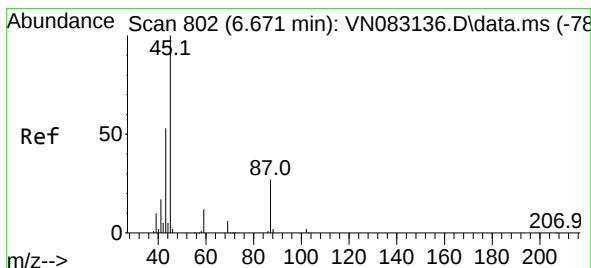
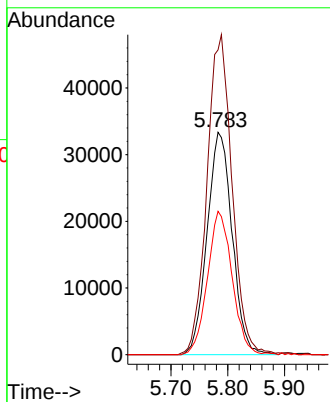
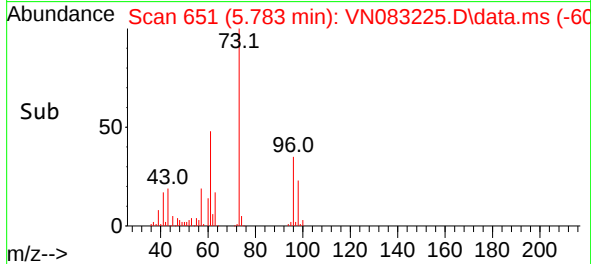
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 10231
Ion Ratio Lower Upper
96 100
61 137.1 123.4 185.2
98 64.5 49.3 73.9

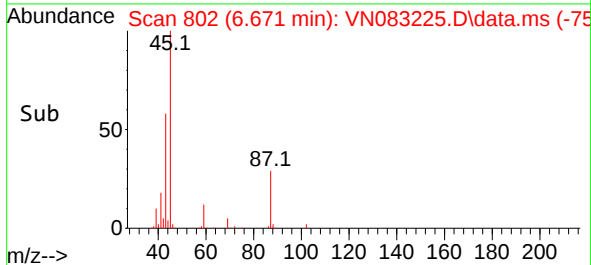
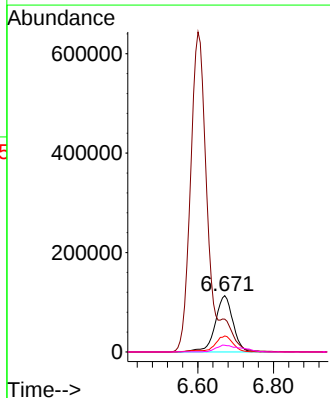
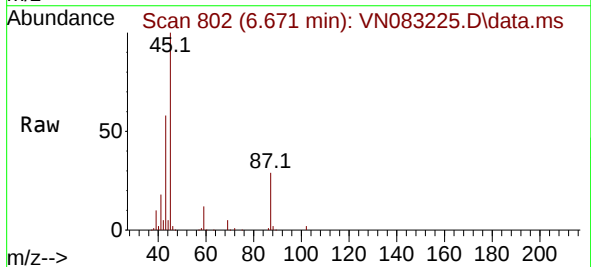
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#22
Diisopropyl ether
Concen: 52.134 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

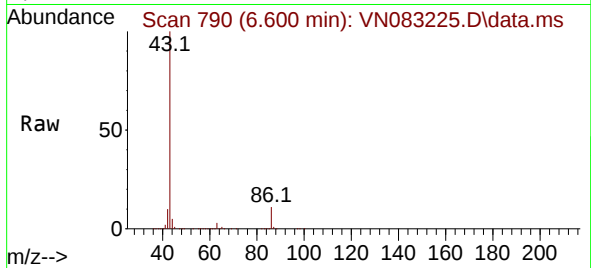
Tgt Ion: 45 Resp: 368873
Ion Ratio Lower Upper
45 100
43 57.4 44.0 66.0
87 28.4 19.7 29.5
59 11.9 8.5 12.7





#23
 Vinyl Acetate
 Concen: 260.362 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN083225.D
 Acq: 12 Aug 2024 09:48

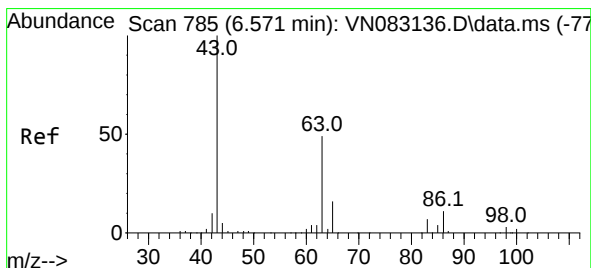
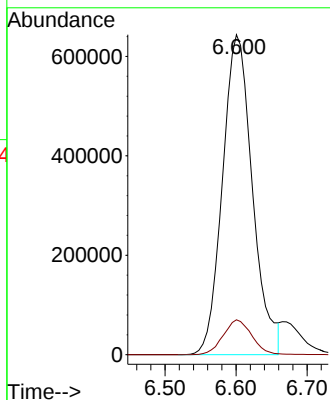
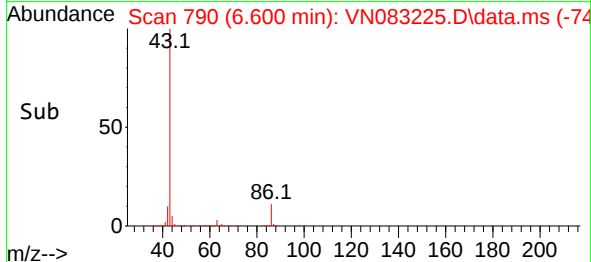
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 1888229
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.3 10.9

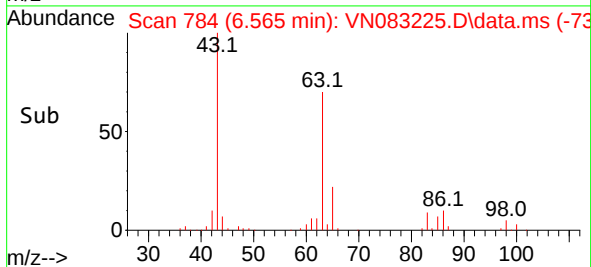
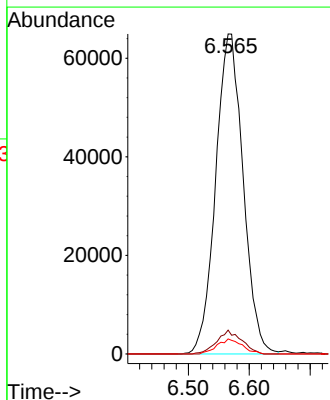
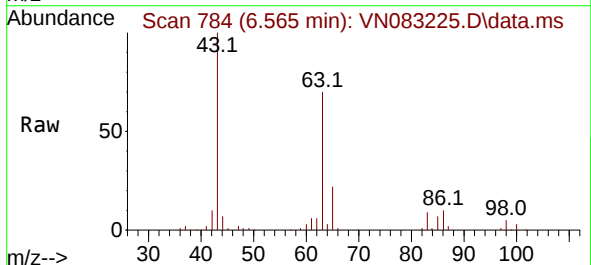
Manual Integrations
 APPROVED

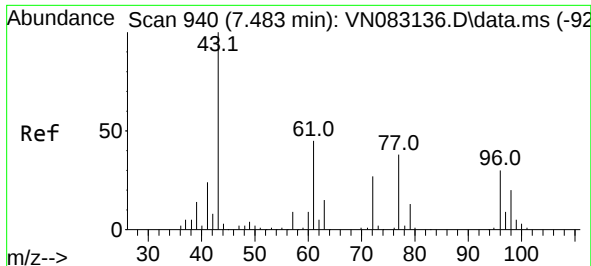
Reviewed By :John Carlone 08/13/2024
 Supervised By :Semsettin Yesilyurt 08/13/2024



#24
 1,1-Dichloroethane
 Concen: 52.633 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN083225.D
 Acq: 12 Aug 2024 09:48

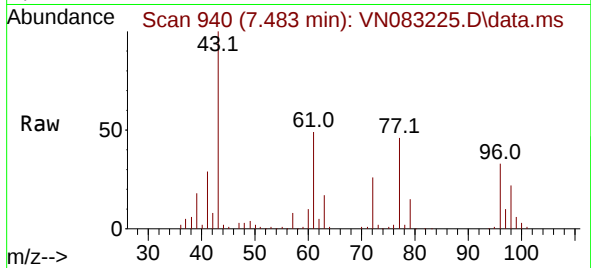
Tgt Ion: 63 Resp: 202988
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 4.7 2.0 6.0





#25
2-Butanone
Concen: 240.537 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

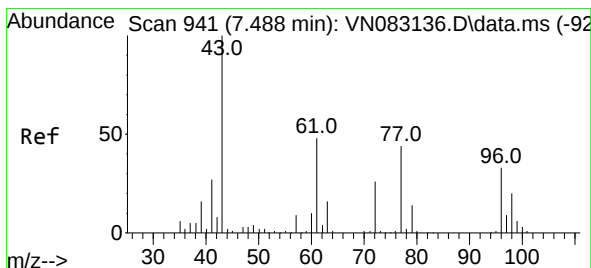
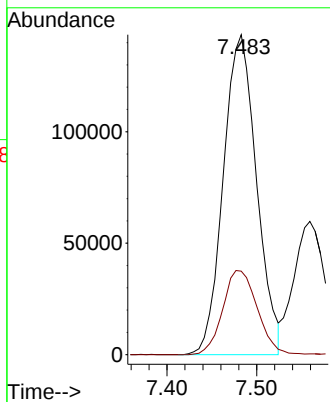
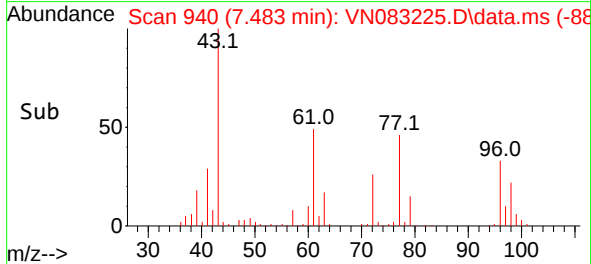
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



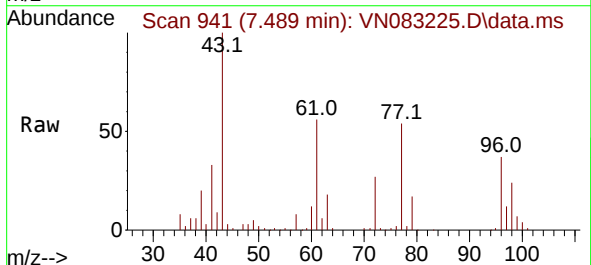
Tgt Ion: 43 Resp: 369634
Ion Ratio Lower Upper
43 100
72 26.1 18.2 27.2

Manual Integrations
APPROVED

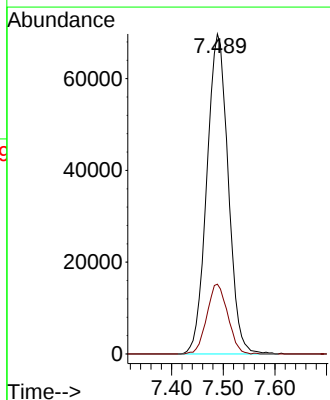
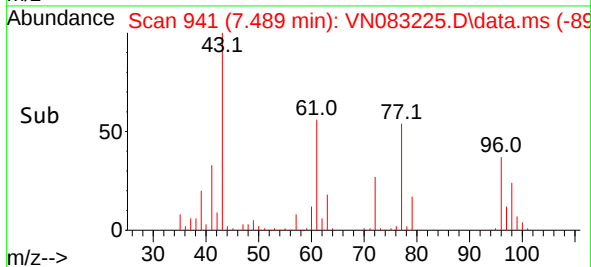
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024

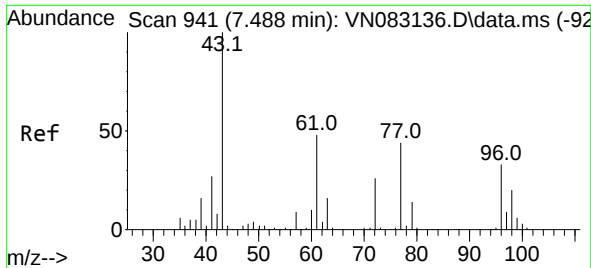


#26
2,2-Dichloropropane
Concen: 55.911 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48



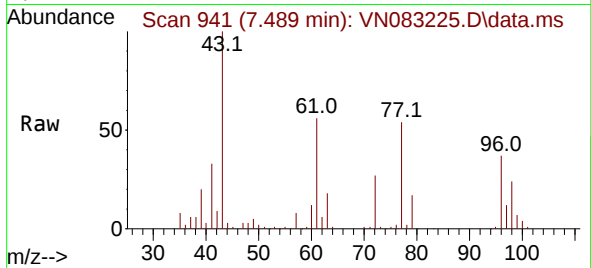
Tgt Ion: 77 Resp: 200252
Ion Ratio Lower Upper
77 100
97 21.3 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 51.108 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN083225.D
 Acq: 12 Aug 2024 09:48

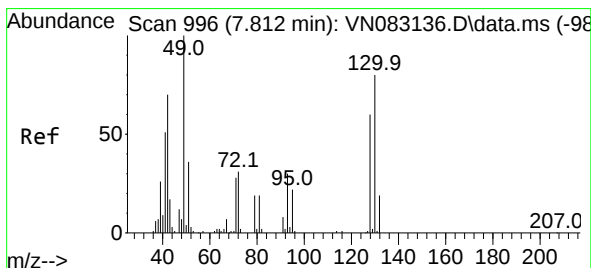
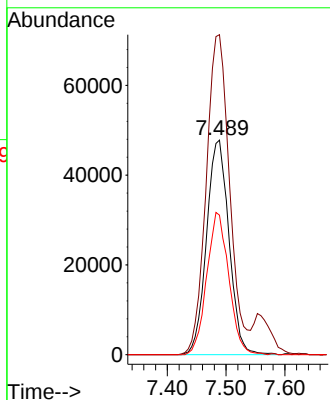
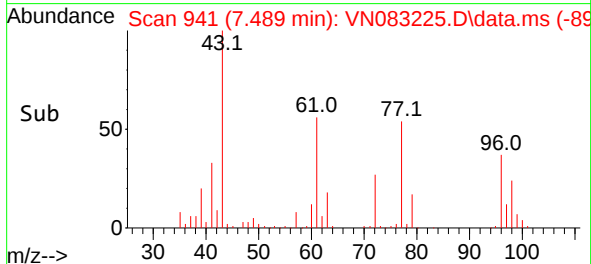
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 12696
 Ion Ratio Lower Upper
 96 100
 61 155.7 0.0 329.6
 98 65.0 0.0 128.6

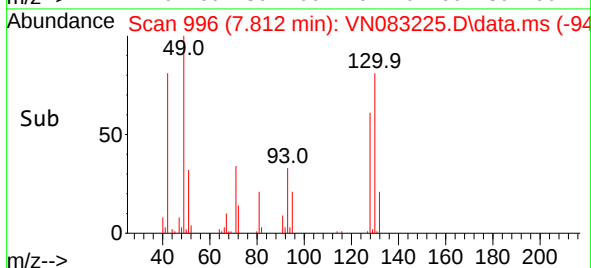
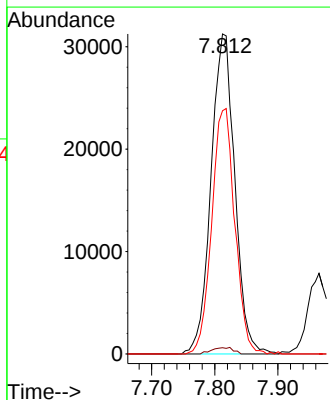
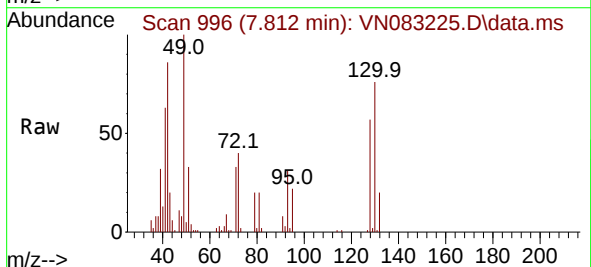
Manual Integrations
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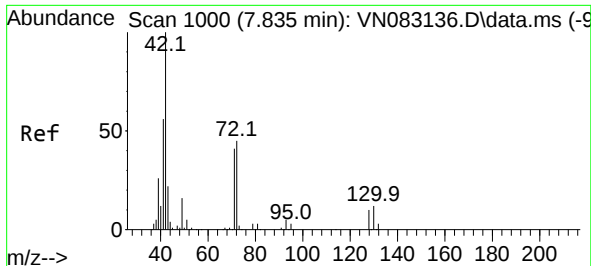
Reviewed By :John Carlone 08/13/2024
 Supervised By :Semsettin Yesilyurt 08/13/2024



#28
 Bromochloromethane
 Concen: 51.908 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083225.D
 Acq: 12 Aug 2024 09:48

Tgt Ion: 49 Resp: 81813
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 74.2 50.5 75.7





#29

Tetrahydrofuran

Concen: 236.354 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN083225.D

Acq: 12 Aug 2024 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 23478

Ion Ratio Lower Upper

42 100

72 44.4 30.0 45.0

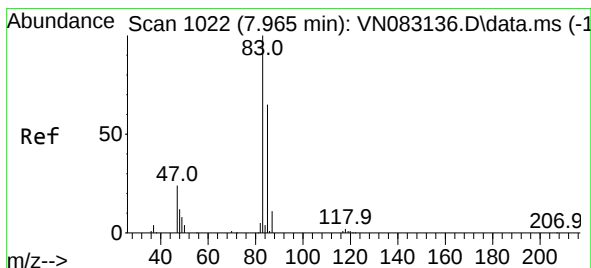
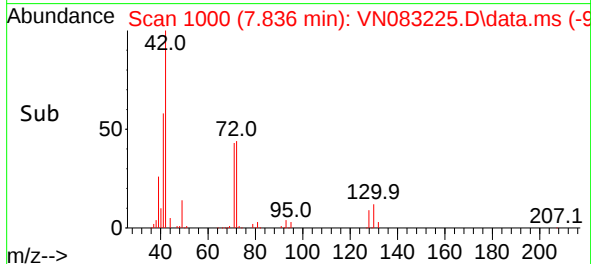
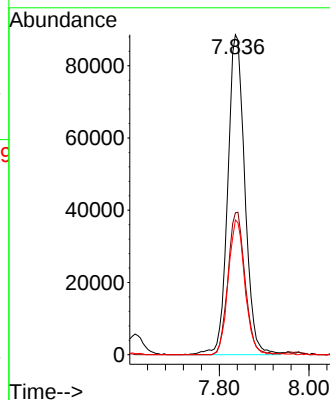
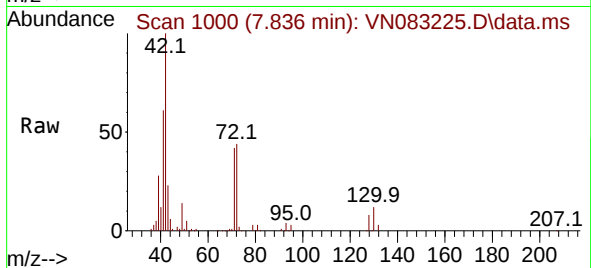
71 40.9 28.3 42.5

Manual Integrations

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Reviewed By :John Carlone 08/13/2024

Supervised By :Semsettin Yesilyurt 08/13/2024



#30

Chloroform

Concen: 54.100 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083225.D

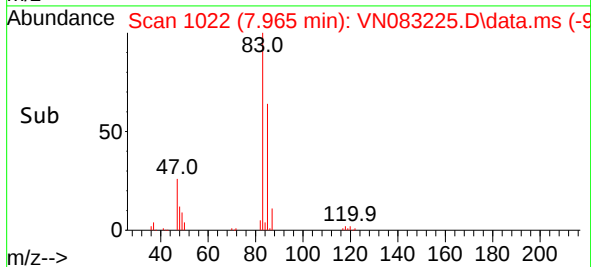
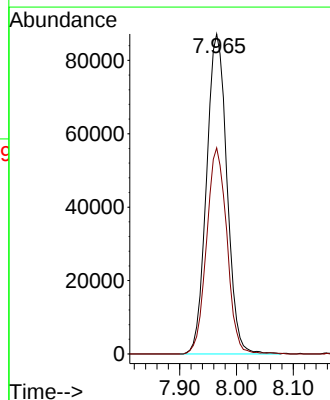
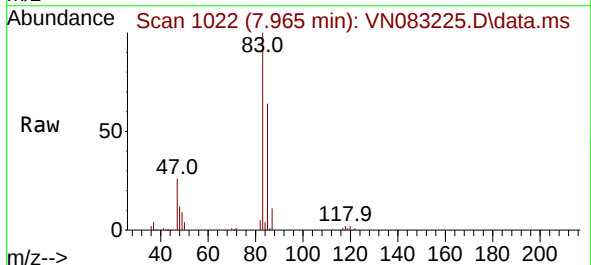
Acq: 12 Aug 2024 09:48

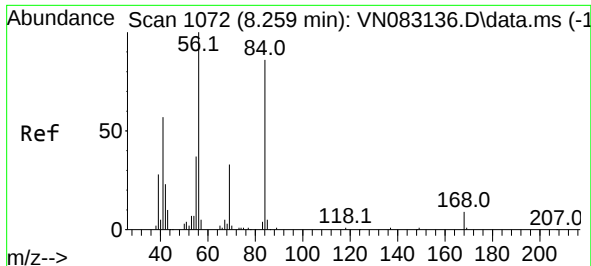
Tgt Ion: 83 Resp: 216764

Ion Ratio Lower Upper

83 100

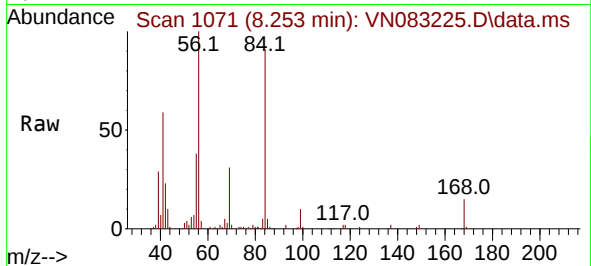
85 64.4 50.9 76.3





#31
Cyclohexane
Concen: 46.981 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

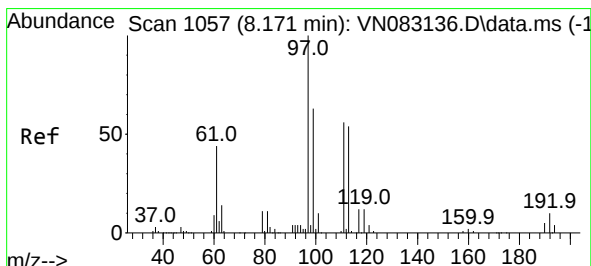
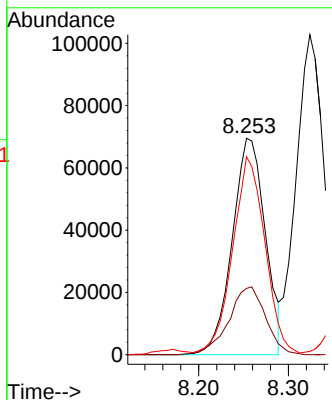
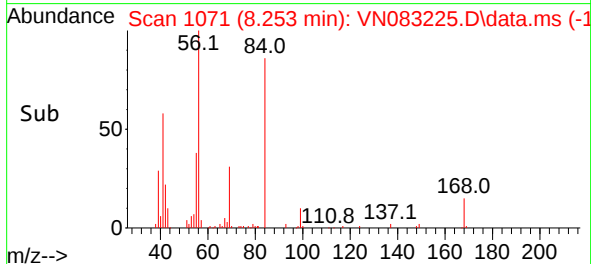
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 17807
Ion Ratio Lower Upper
56 100
69 30.6 24.5 36.7
84 89.5 66.0 99.0

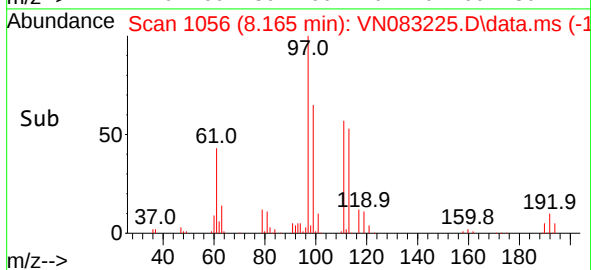
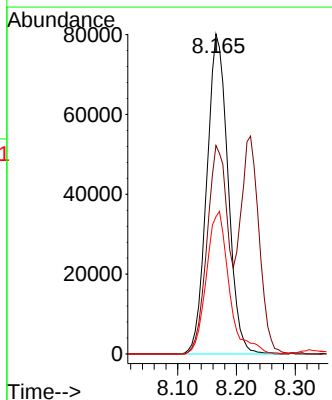
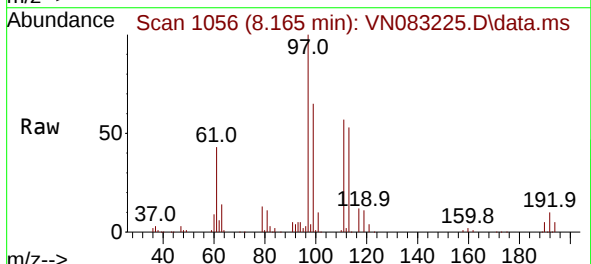
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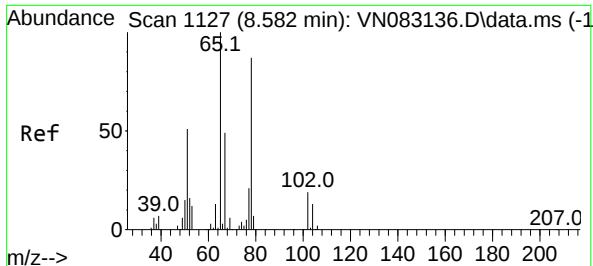
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#32
1,1,1-Trichloroethane
Concen: 53.003 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

Tgt Ion: 97 Resp: 201020
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 48.0 42.1 63.1





#33
1,2-Dichloroethane-d4
Concen: 55.922 ug/l
RT: 8.577 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

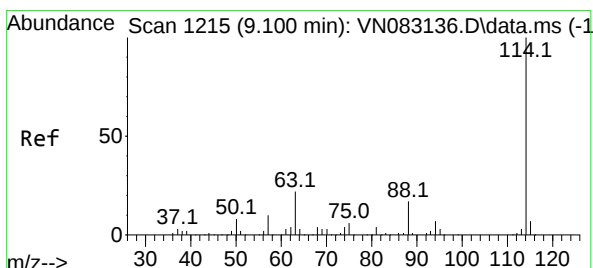
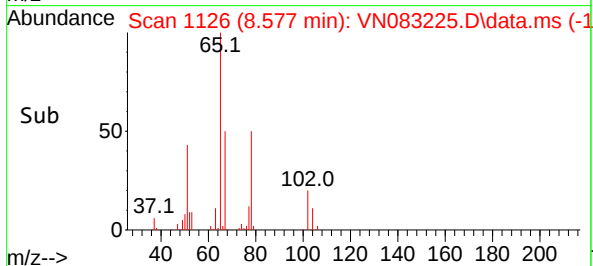
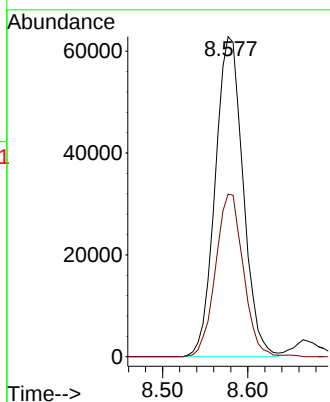
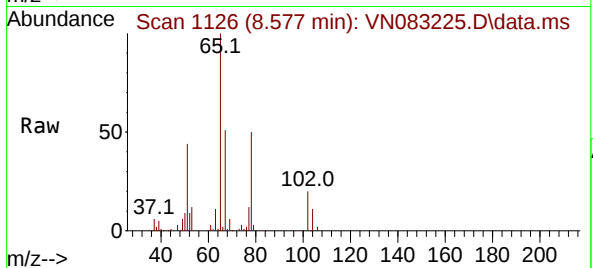
Tgt Ion: 65 Resp: 143028
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.4

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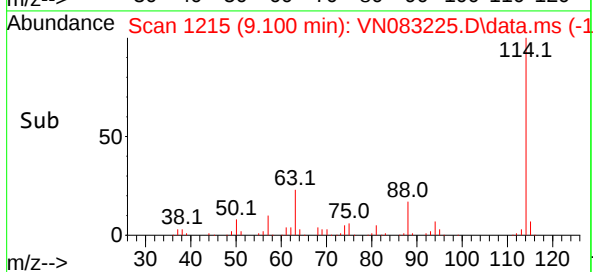
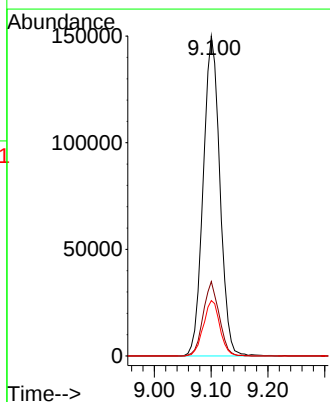
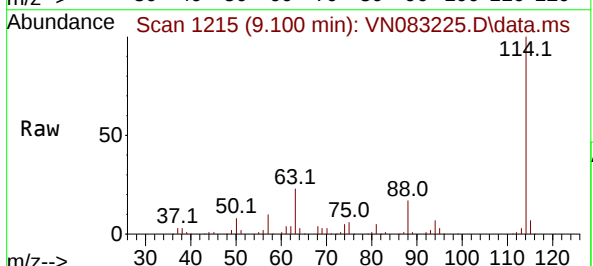
Reviewed By :John Carlone 08/13/2024

Supervised By :Semsettin Yesilyurt 08/13/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

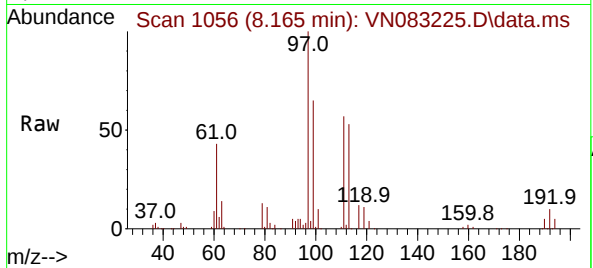
Tgt Ion:114 Resp: 304896
Ion Ratio Lower Upper
114 100
63 23.3 0.0 44.6
88 17.3 0.0 31.4





#35
Dibromofluoromethane
Concen: 54.912 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

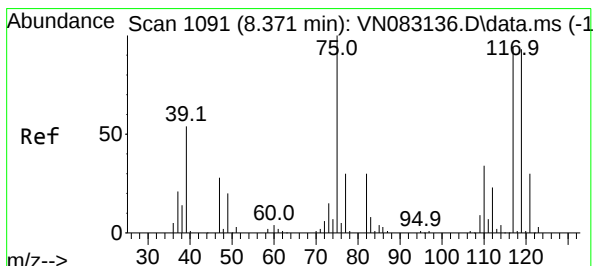
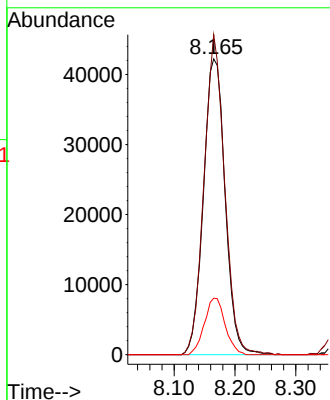
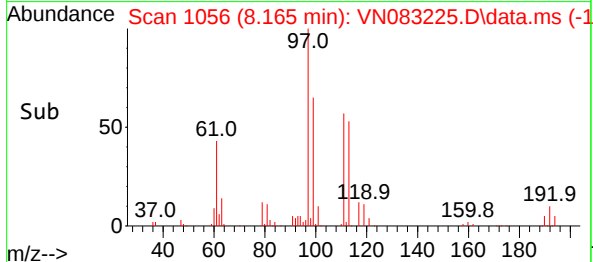
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



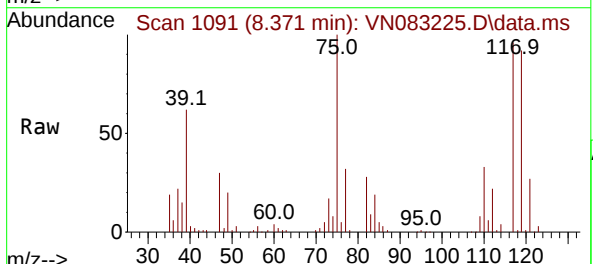
Tgt Ion: 113 Resp: 104502
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 18.3 14.9 22.3

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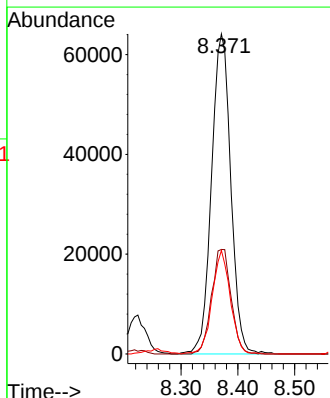
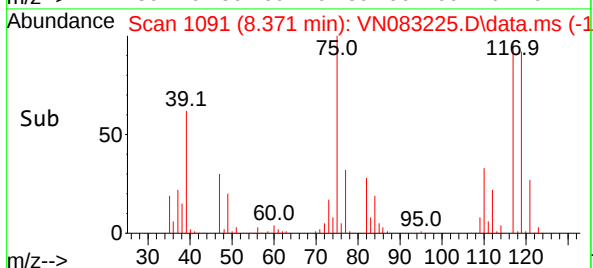
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#36
1,1-Dichloropropene
Concen: 52.510 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48



Tgt Ion: 75 Resp: 151169
Ion Ratio Lower Upper
75 100
110 32.9 16.3 48.9
77 30.6 24.6 37.0





#37

Ethyl Acetate

Concen: 46.932 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN083225.D

Acq: 12 Aug 2024 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 151279

Ion Ratio Lower Upper

43 100

61 11.6 9.3 13.9

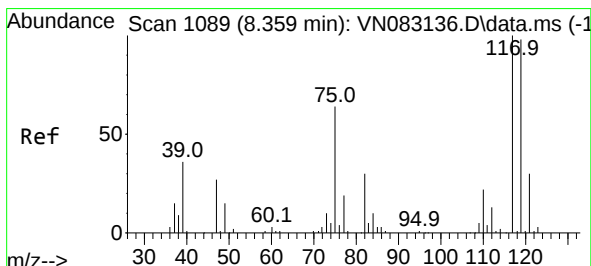
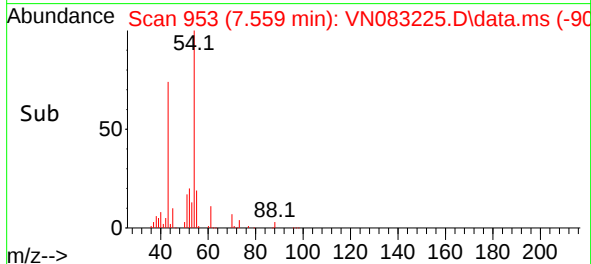
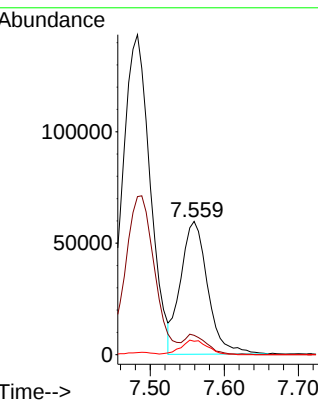
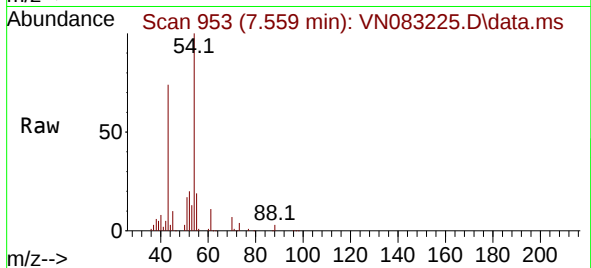
70 10.8 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 08/13/2024

Supervised By :Semsettin Yesilyurt 08/13/2024



#38

Carbon Tetrachloride

Concen: 55.128 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN083225.D

Acq: 12 Aug 2024 09:48

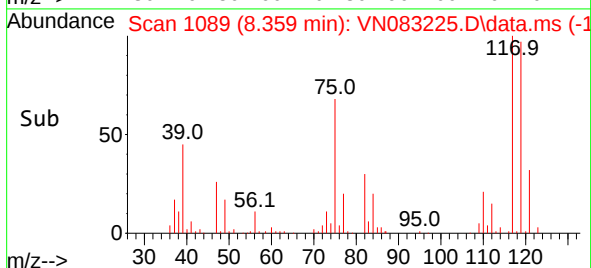
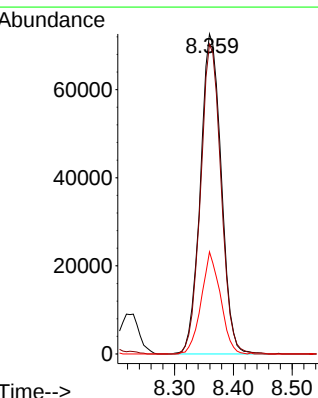
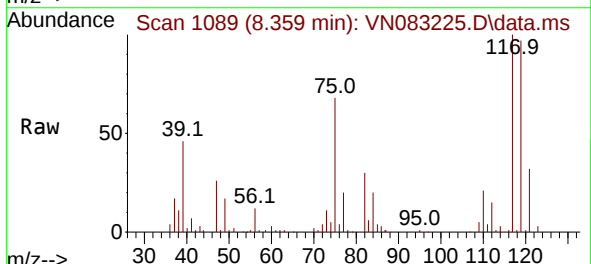
Tgt Ion:117 Resp: 178753

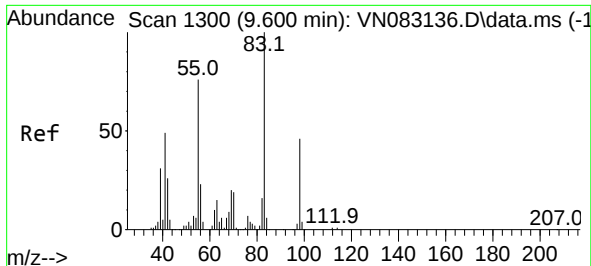
Ion Ratio Lower Upper

117 100

119 96.8 74.9 112.3

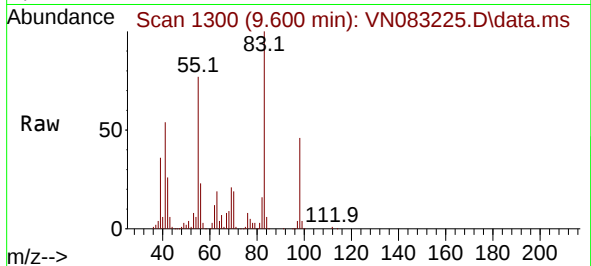
121 31.9 24.3 36.5





#39
Methylcyclohexane
Concen: 52.473 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

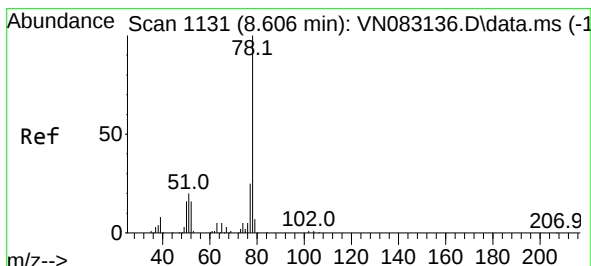
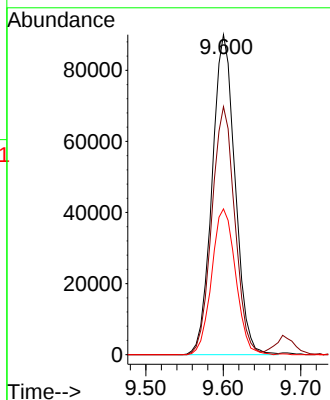
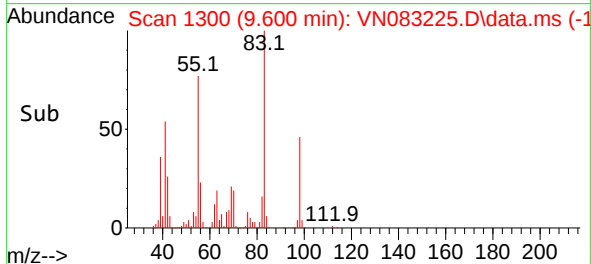
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 185549
Ion Ratio Lower Upper
83 100
55 77.5 66.4 99.6
98 45.6 40.7 61.1

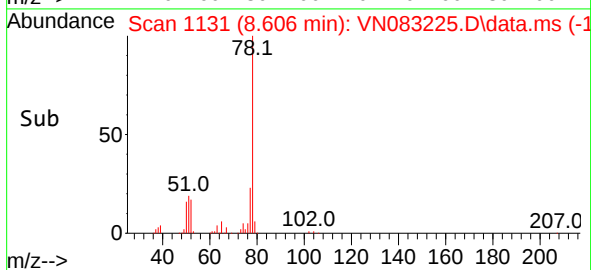
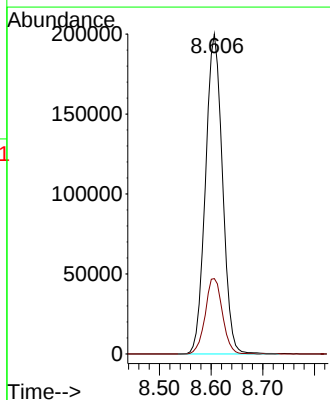
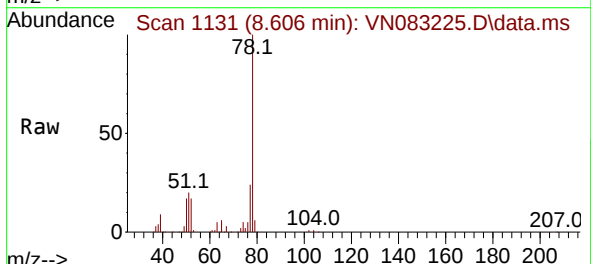
Manual Integrations
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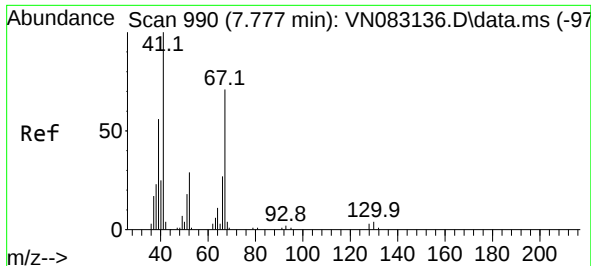
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#40
Benzene
Concen: 53.193 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

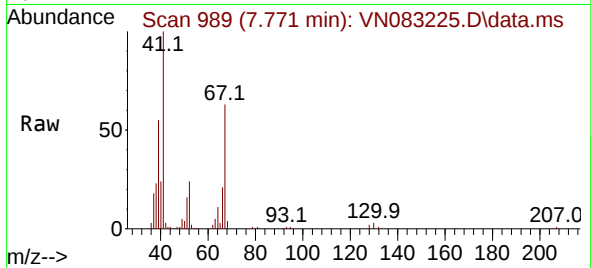
Tgt Ion: 78 Resp: 456196
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





#41
Methacrylonitrile
Concen: 48.217 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

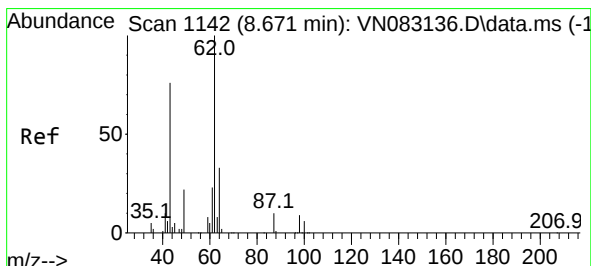
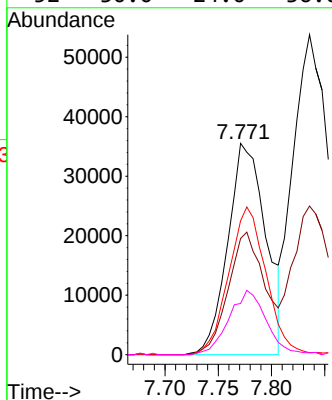
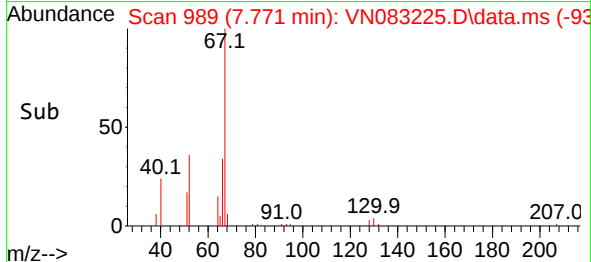
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 88370
Ion Ratio Lower Upper
41 100
39 56.3 45.5 68.3
67 69.0 50.5 75.7
52 30.0 24.0 36.0

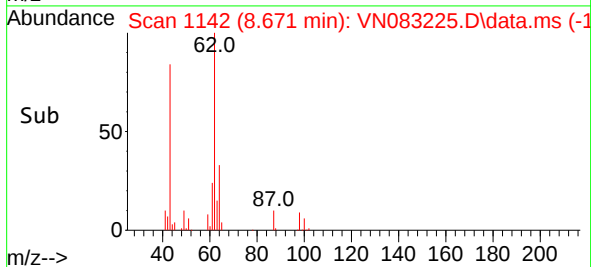
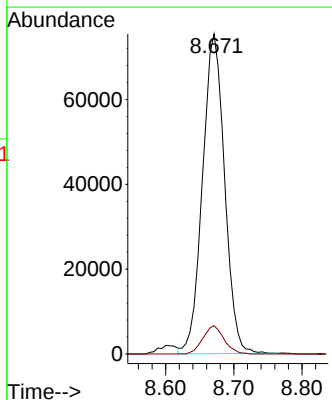
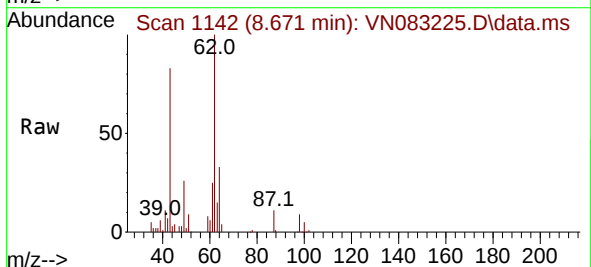
Manual Integrations
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Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#42
1,2-Dichloroethane
Concen: 54.347 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

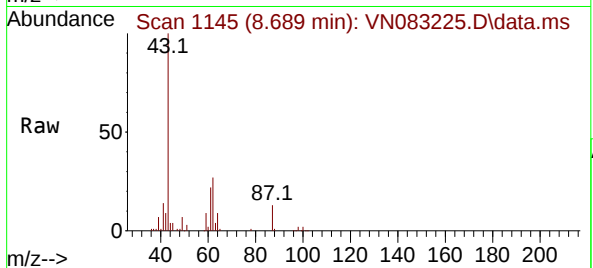
Tgt Ion: 62 Resp: 169788
Ion Ratio Lower Upper
62 100
98 8.4 0.0 15.8





#43
Isopropyl Acetate
Concen: 50.529 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.001 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

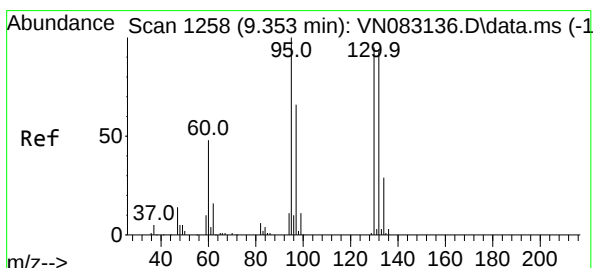
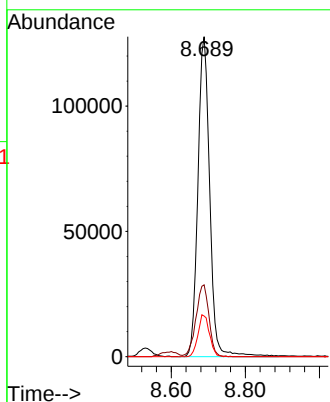
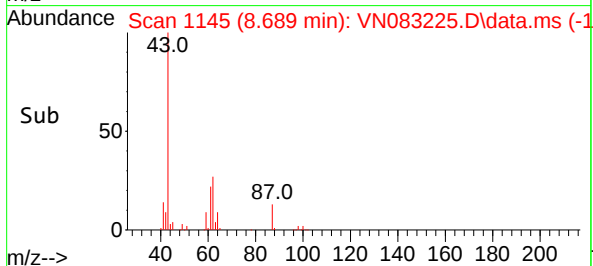
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 28227
Ion Ratio Lower Upper
43 100
61 24.6 17.8 26.6
87 12.7 8.2 12.2

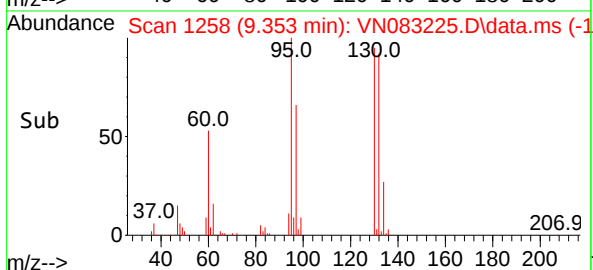
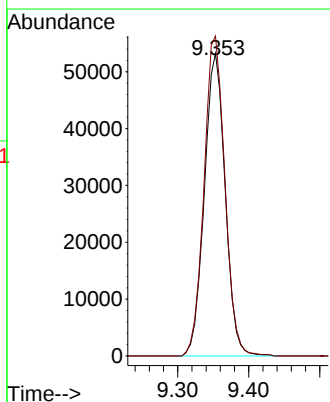
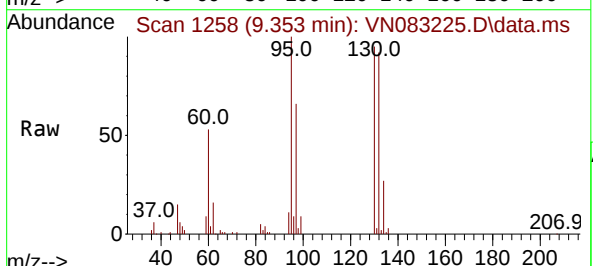
Manual Integrations
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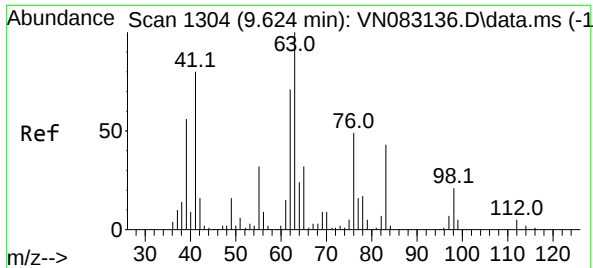
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#44
Trichloroethene
Concen: 53.104 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

Tgt Ion:130 Resp: 108403
Ion Ratio Lower Upper
130 100
95 105.8 0.0 197.8





#45

1,2-Dichloropropane

Concen: 53.957 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083225.D

Acq: 12 Aug 2024 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 10984

Ion Ratio Lower Upper

63 100

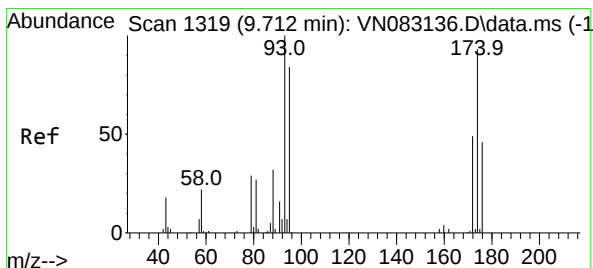
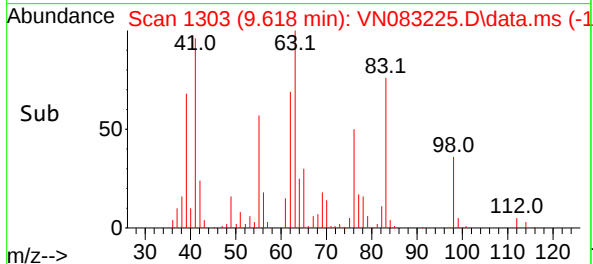
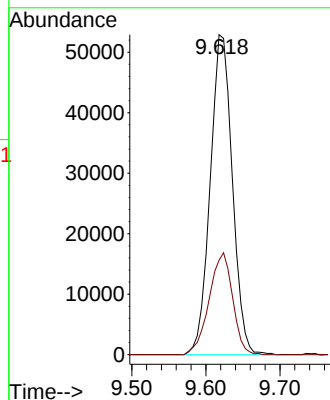
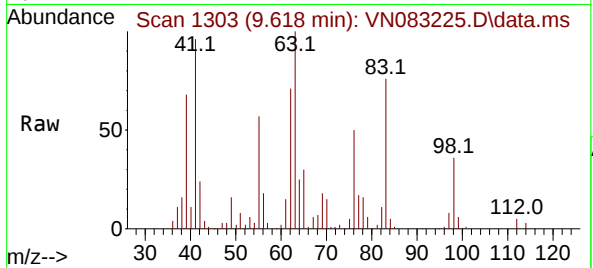
65 29.6 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2024

Supervised By :Semsettin Yesilyurt 08/13/2024



#46

Dibromomethane

Concen: 54.334 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN083225.D

Acq: 12 Aug 2024 09:48

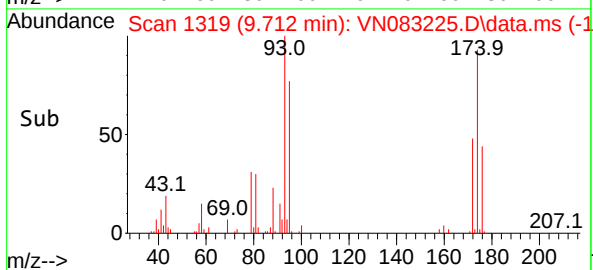
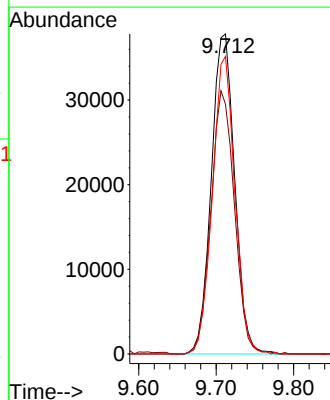
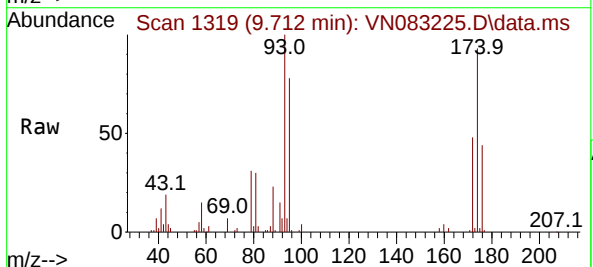
Tgt Ion: 93 Resp: 79172

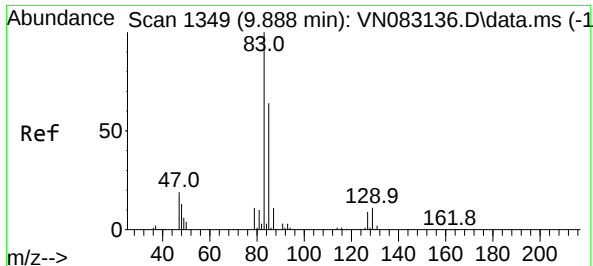
Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.6

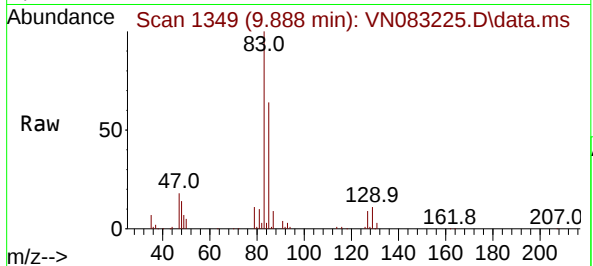
174 90.0 71.7 107.5





#47
Bromodichloromethane
Concen: 54.085 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

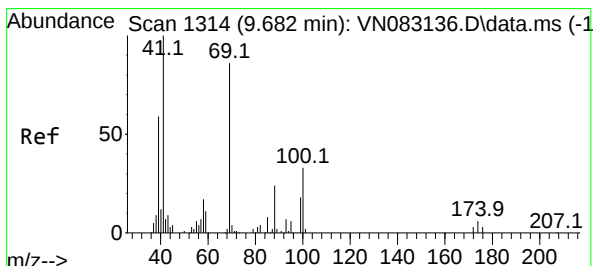
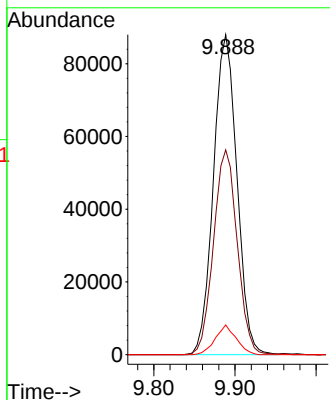
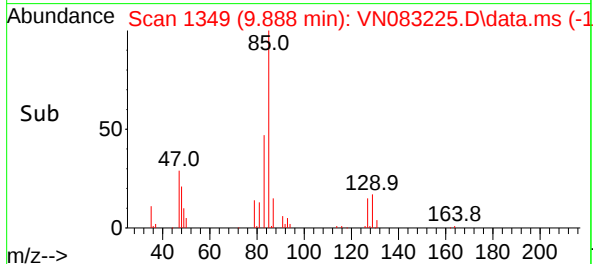
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



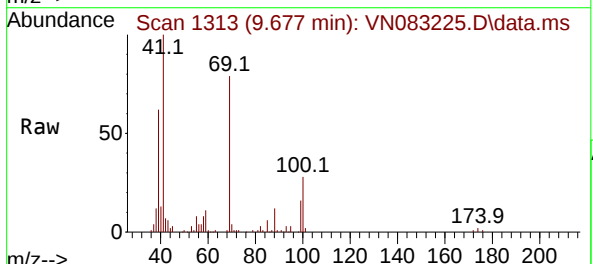
Tgt Ion: 83 Resp: 176954
Ion Ratio Lower Upper
83 100
85 64.0 51.1 76.7
127 9.3 7.2 10.8

Manual Integrations
APPROVED

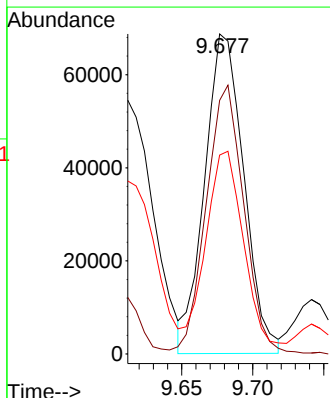
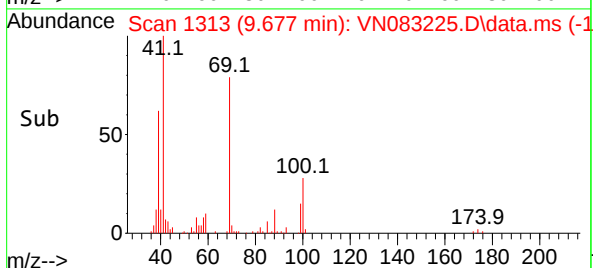
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024

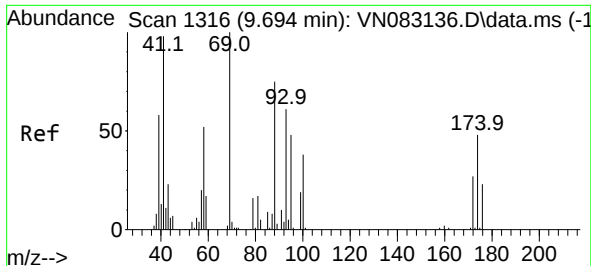


#48
Methyl methacrylate
Concen: 49.438 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48



Tgt Ion: 41 Resp: 131746
Ion Ratio Lower Upper
41 100
69 81.2 56.3 84.5
39 63.3 50.3 75.5





#49

1,4-Dioxane

Concen: 898.633 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083225.D

Acq: 12 Aug 2024 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 43204

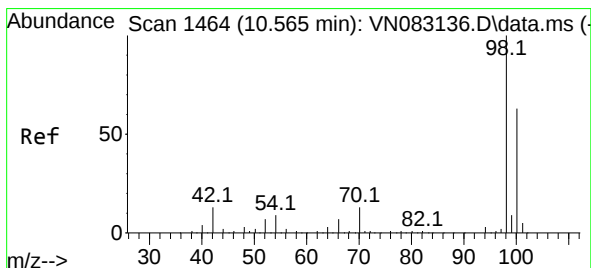
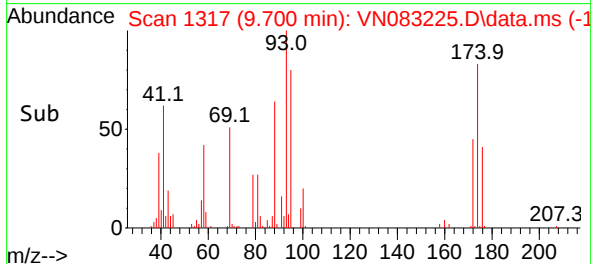
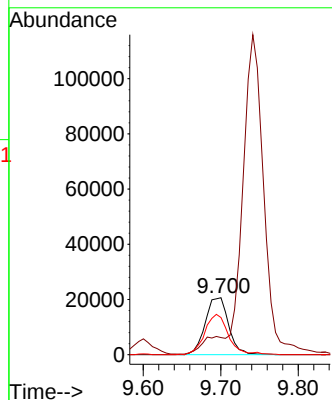
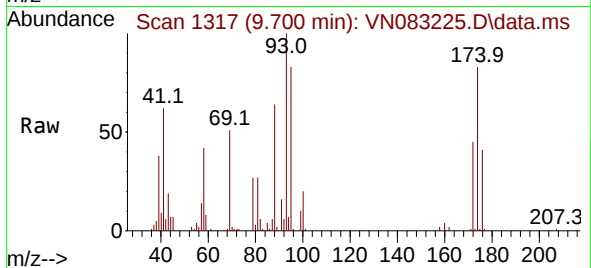
Ion	Ratio	Lower	Upper
88	100		
43	31.6	27.8	41.8
58	72.3	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2024

Supervised By :Semsettin Yesilyurt 08/13/2024



#50

Toluene-d8

Concen: 55.663 ug/l

RT: 10.565 min Scan# 1464

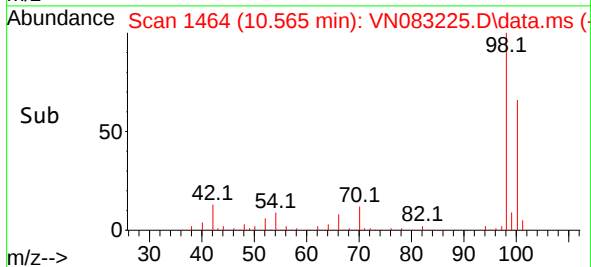
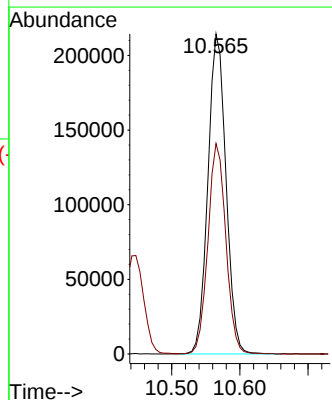
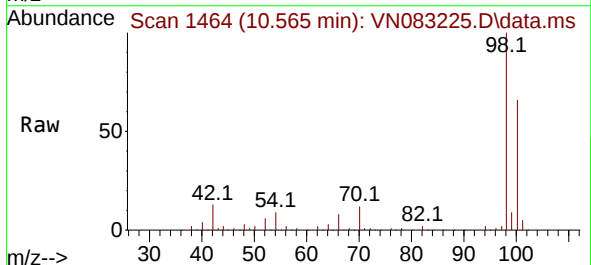
Delta R.T. 0.000 min

Lab File: VN083225.D

Acq: 12 Aug 2024 09:48

Tgt Ion: 98 Resp: 395152

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.5	77.3





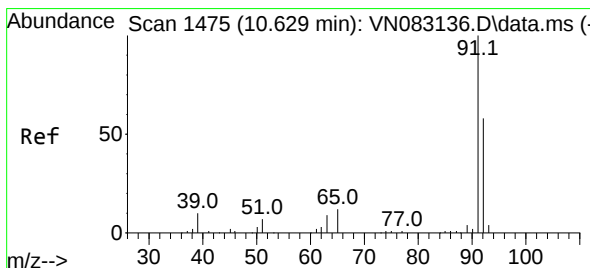
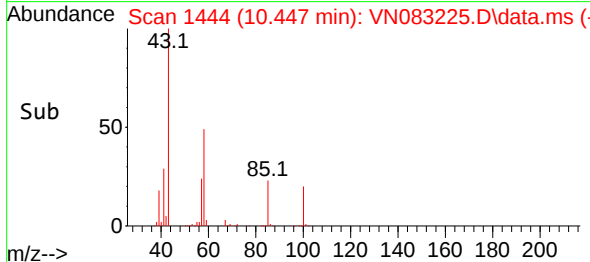
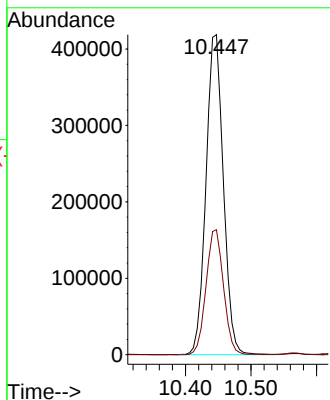
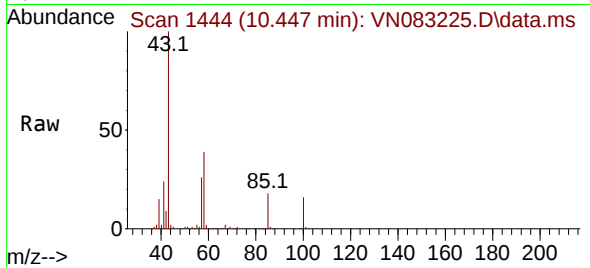
#51
4-Methyl-2-Pentanone
Concen: 253.325 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 772160
Ion Ratio Lower Upper
43 100
58 39.3 28.2 42.4

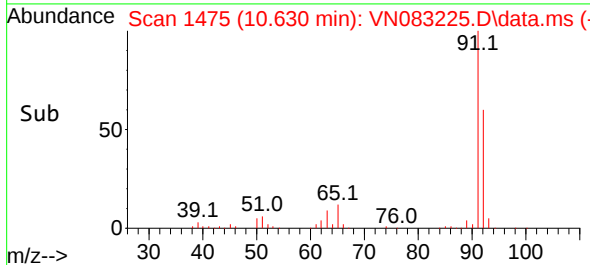
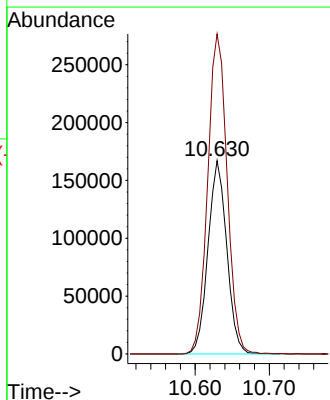
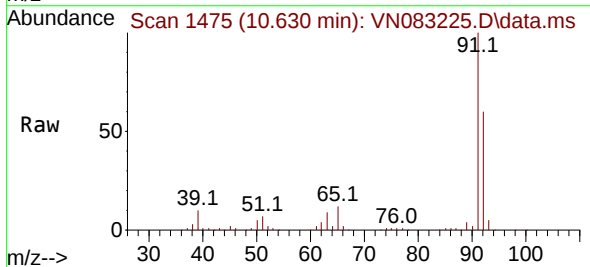
Manual Integrations
APPROVED

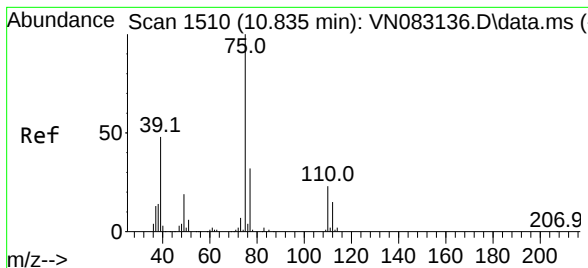
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#52
Toluene
Concen: 54.202 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

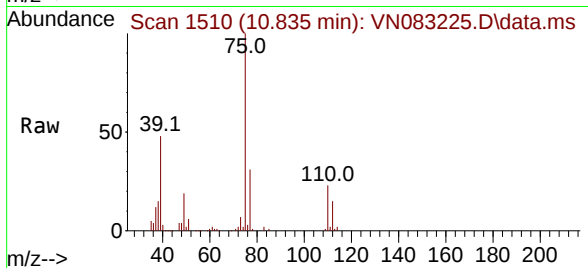
Tgt Ion: 92 Resp: 293708
Ion Ratio Lower Upper
92 100
91 171.5 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 55.216 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

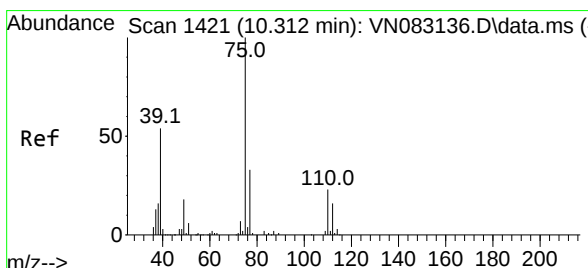
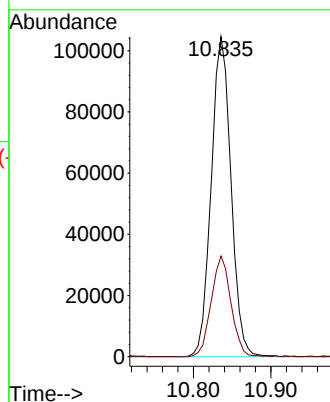
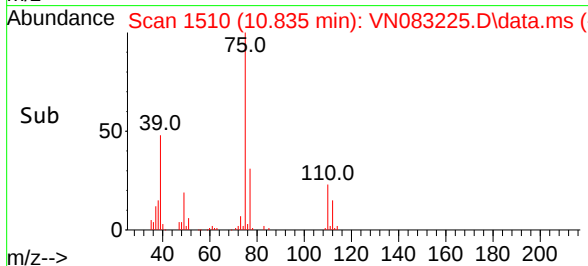
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



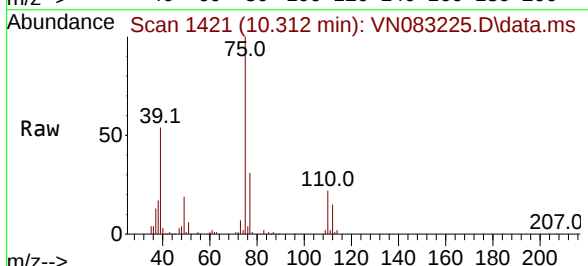
Tgt Ion: 75 Resp: 185568
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5

Manual Integrations
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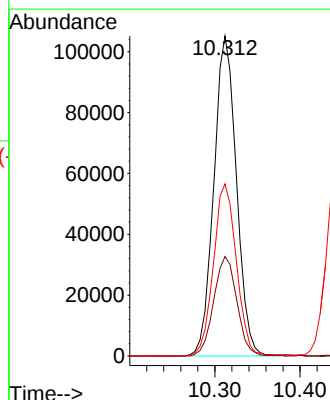
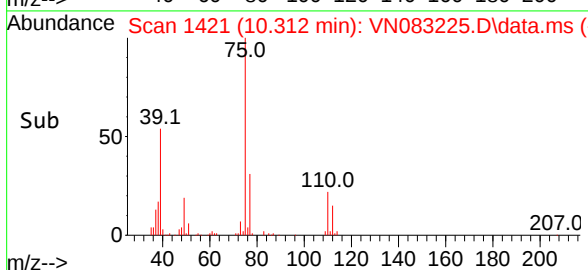
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024

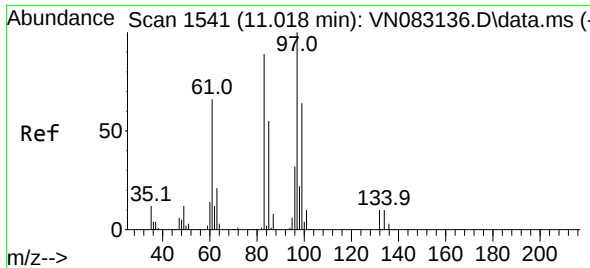


#54
cis-1,3-Dichloropropene
Concen: 54.265 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48



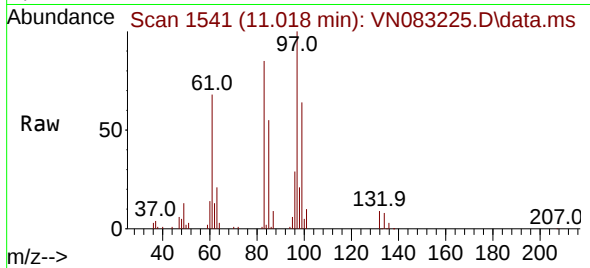
Tgt Ion: 75 Resp: 193978
Ion Ratio Lower Upper
75 100
77 31.1 24.3 36.5
39 53.8 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 54.516 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

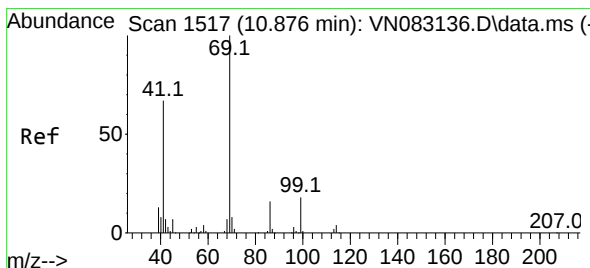
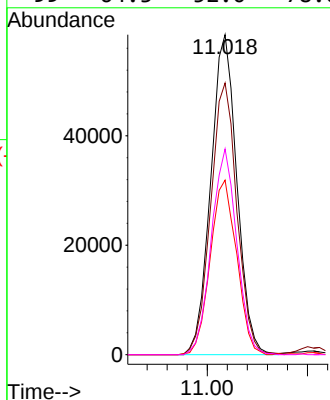
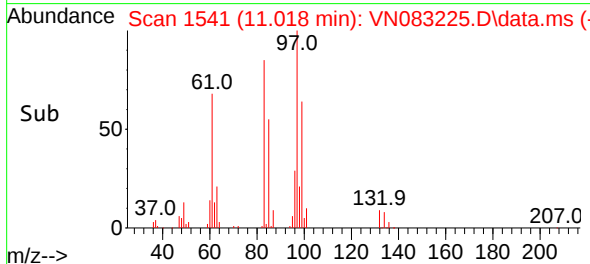
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



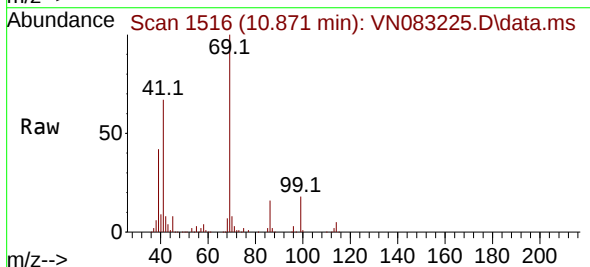
Tgt Ion: 97 Resp: 105860
Ion Ratio Lower Upper
97 100
83 84.9 71.4 107.0
85 54.6 45.8 68.6
99 64.3 52.0 78.0

Manual Integrations
APPROVED

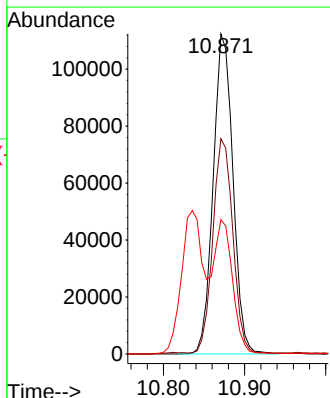
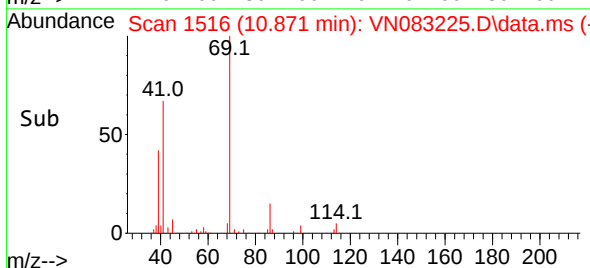
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#56
Ethyl methacrylate
Concen: 52.076 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48



Tgt Ion: 69 Resp: 190644
Ion Ratio Lower Upper
69 100
41 67.6 63.4 95.2
39 40.7 37.4 56.0





#57

1,3-Dichloropropane

Concen: 54.111 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN083225.D

Acq: 12 Aug 2024 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 187290

Ion Ratio Lower Upper

76 100

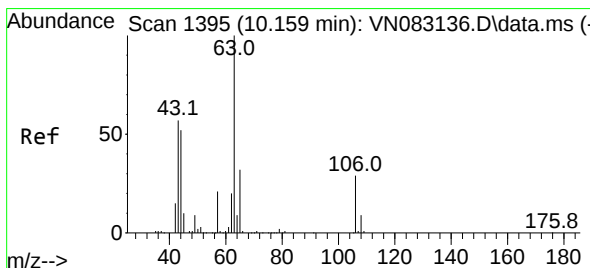
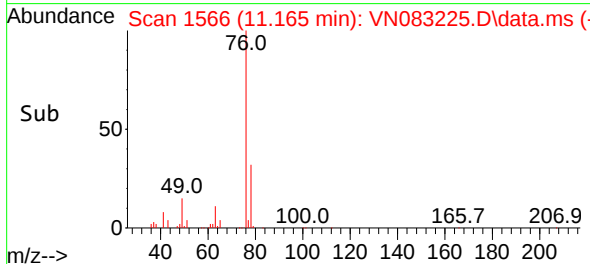
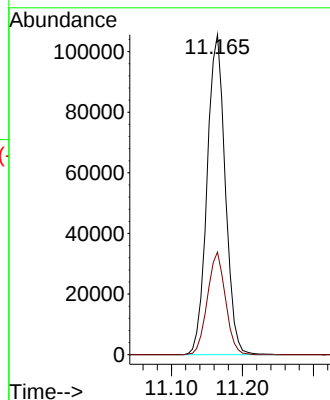
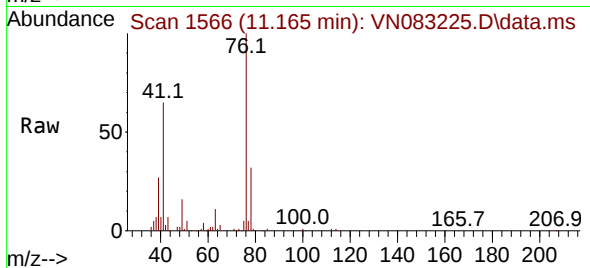
78 31.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2024

Supervised By :Semsettin Yesilyurt 08/13/2024



#58

2-Chloroethyl Vinyl ether

Concen: 259.113 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083225.D

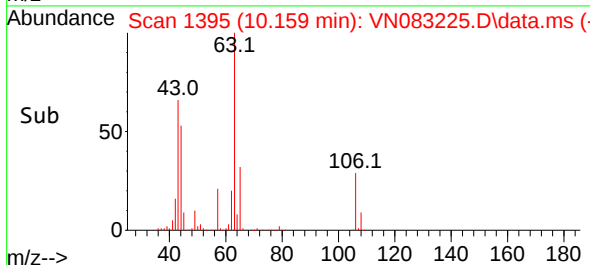
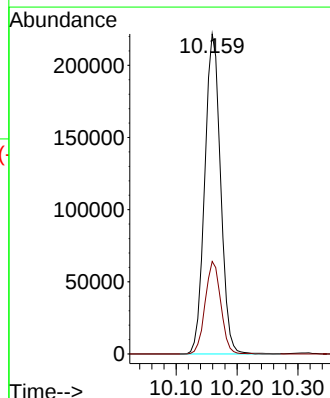
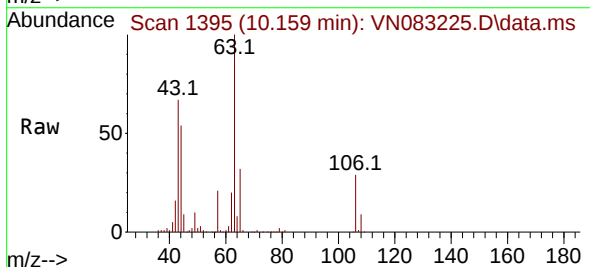
Acq: 12 Aug 2024 09:48

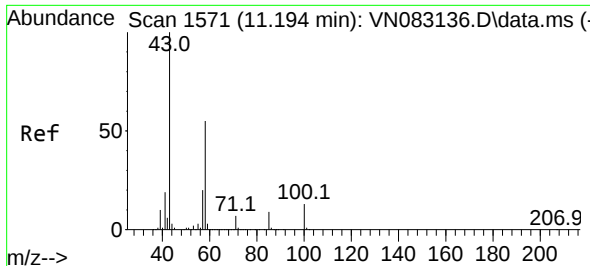
Tgt Ion: 63 Resp: 400965

Ion Ratio Lower Upper

63 100

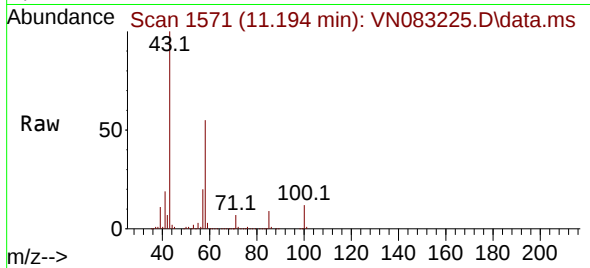
106 28.5 21.4 32.0





#59
2-Hexanone
Concen: 251.771 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

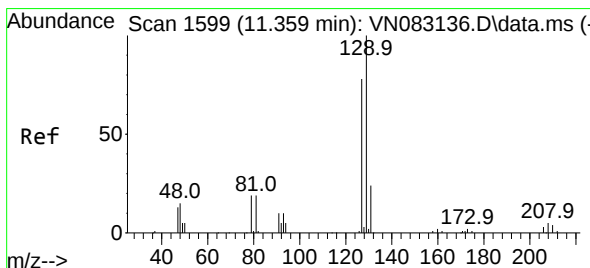
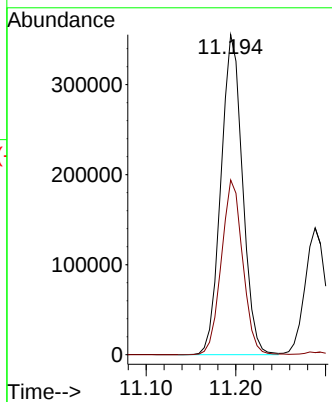
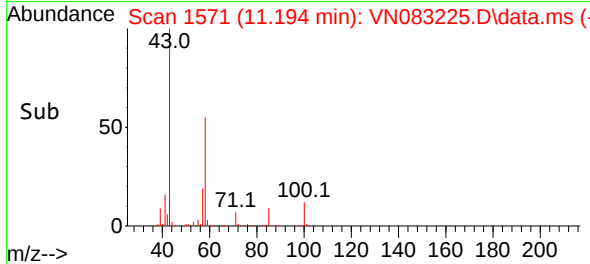
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 593714
Ion Ratio Lower Upper
43 100
58 54.0 24.6 73.8

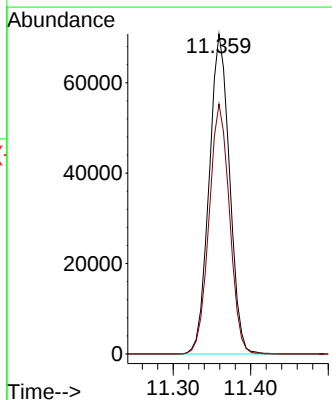
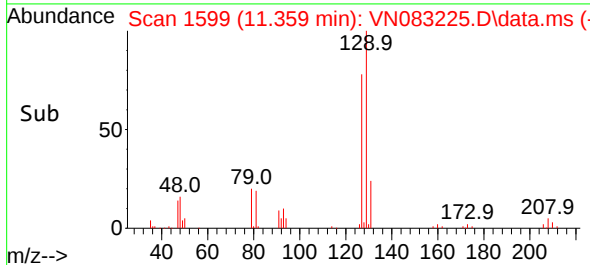
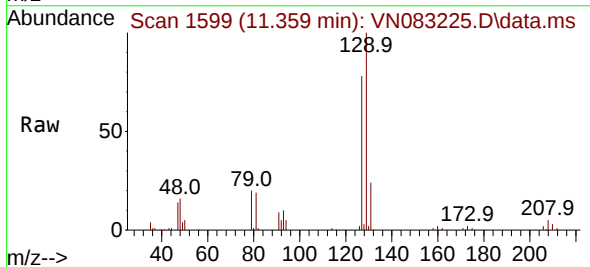
Manual Integrations
APPROVED

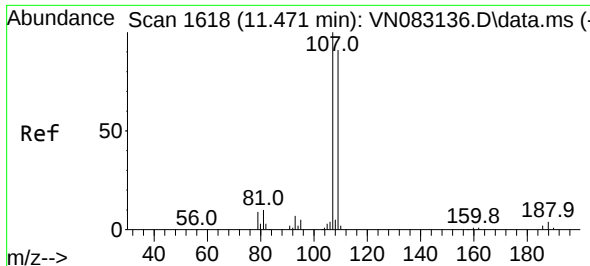
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#60
Dibromochloromethane
Concen: 55.151 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

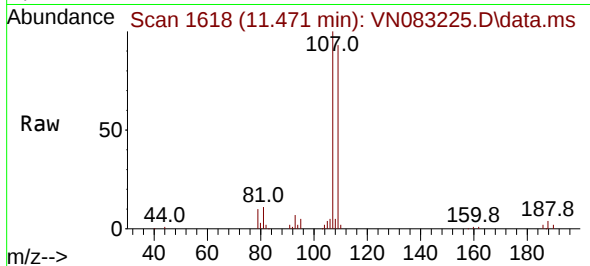
Tgt Ion:129 Resp: 129486
Ion Ratio Lower Upper
129 100
127 78.2 39.2 117.6





#61
1,2-Dibromoethane
Concen: 53.196 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

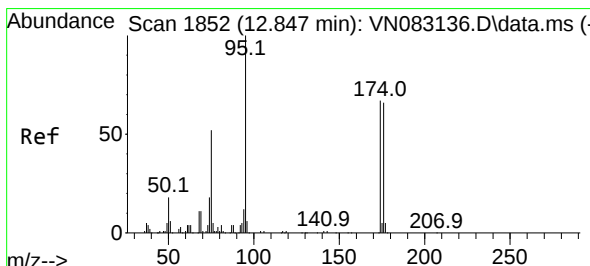
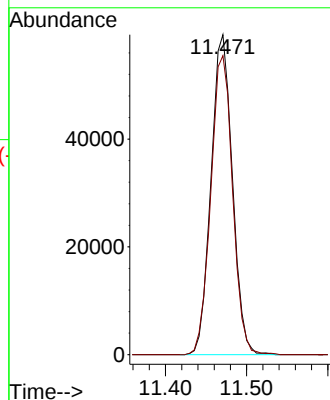
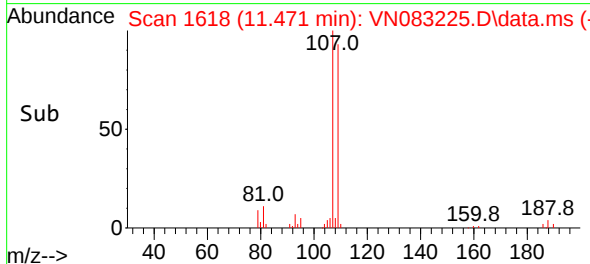
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



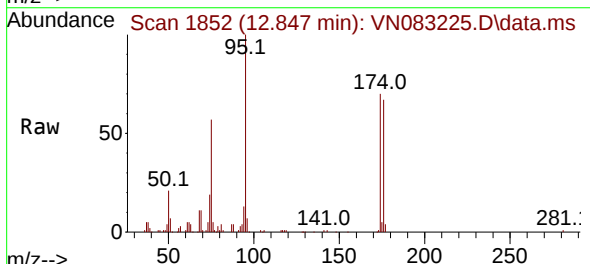
Tgt Ion:107 Resp: 108519
Ion Ratio Lower Upper
107 100
109 95.4 73.7 110.5

Manual Integrations
APPROVED

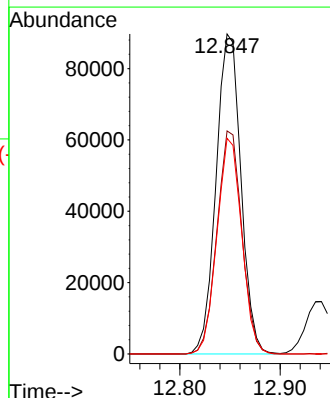
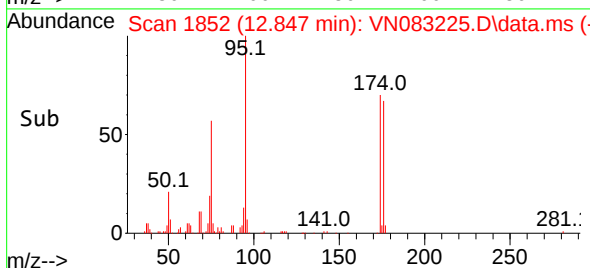
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024

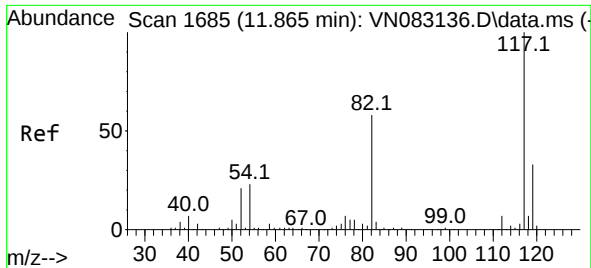


#62
4-Bromofluorobenzene
Concen: 55.812 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48



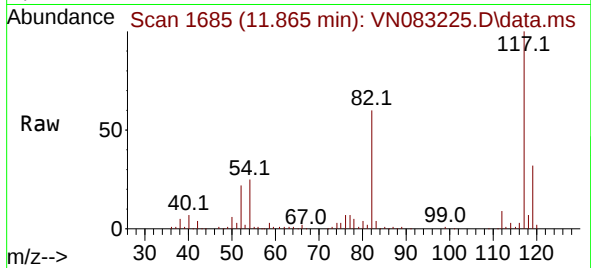
Tgt Ion: 95 Resp: 154465
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 67.1 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

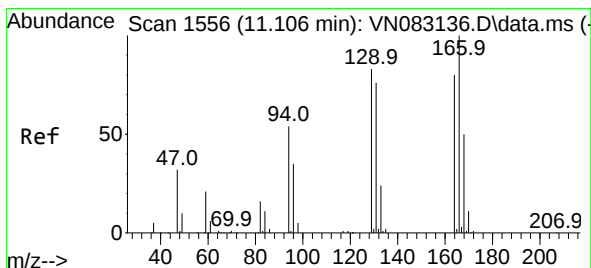
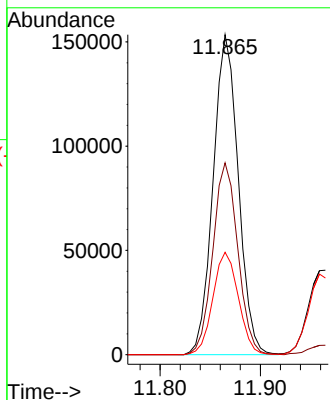
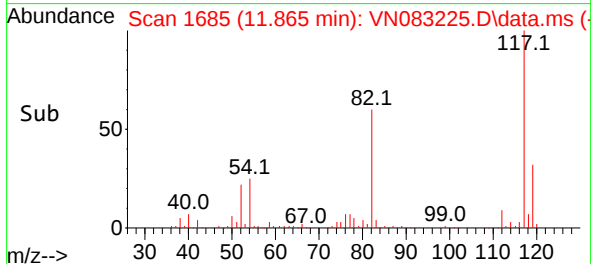
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 267164
Ion Ratio Lower Upper
117 100
82 60.0 47.5 71.3
119 32.0 25.6 38.4

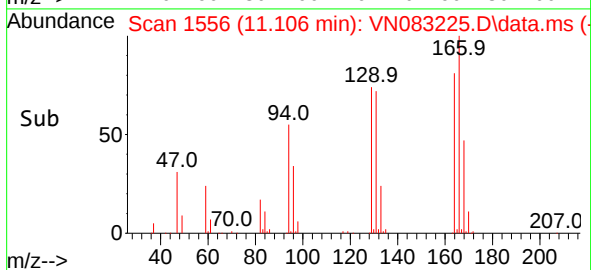
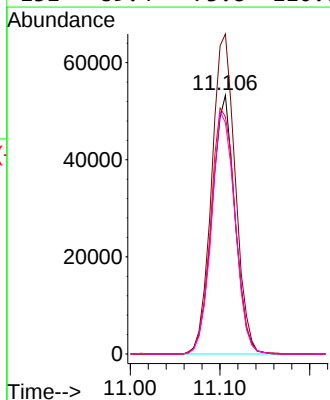
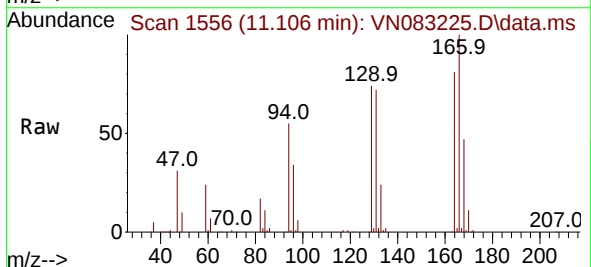
Manual Integrations
APPROVED

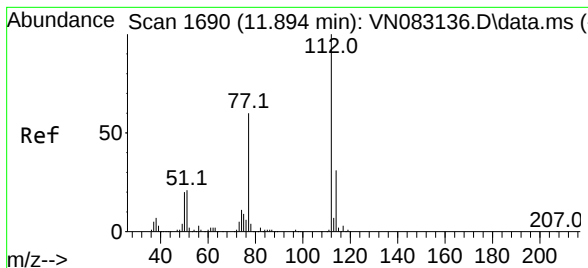
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#64
Tetrachloroethene
Concen: 53.298 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

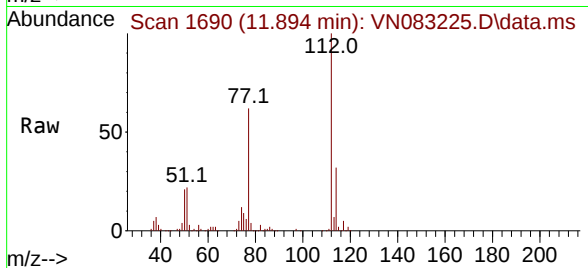
Tgt Ion:164 Resp: 94303
Ion Ratio Lower Upper
164 100
166 123.7 101.4 152.0
129 91.7 75.7 113.5
131 89.4 73.8 110.6





#65
Chlorobenzene
Concen: 52.987 ug/l
RT: 11.894 min Scan# 11834
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

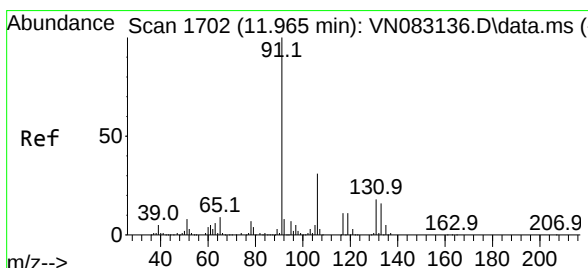
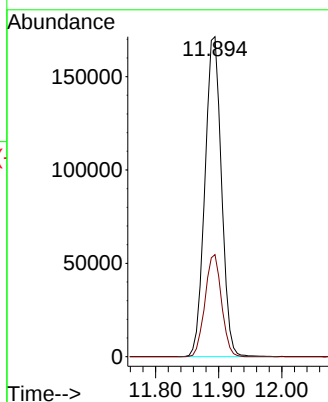
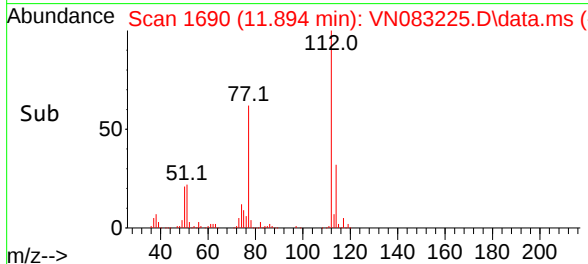
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



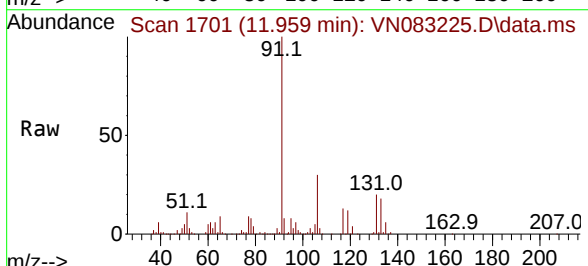
Tgt Ion:112 Resp: 312834
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

Manual Integrations
APPROVED

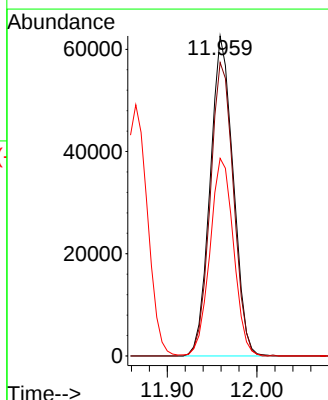
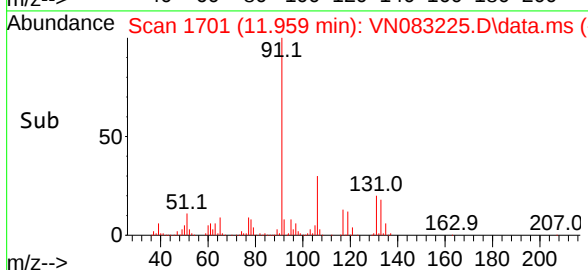
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024

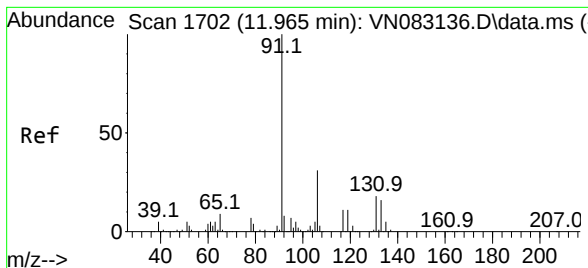


#66
1,1,1,2-Tetrachloroethane
Concen: 53.701 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48



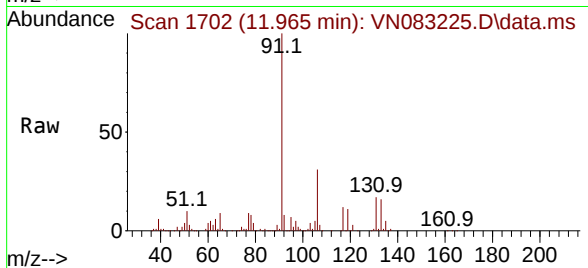
Tgt Ion:131 Resp: 111819
Ion Ratio Lower Upper
131 100
133 92.5 47.3 142.0
119 63.0 32.5 97.4





#67
Ethyl Benzene
Concen: 53.269 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

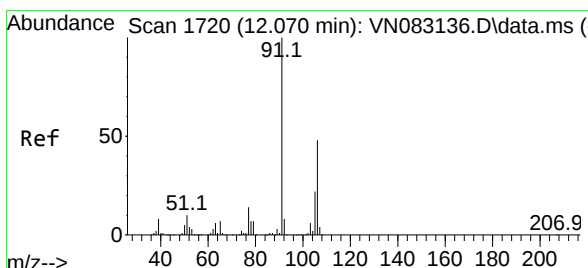
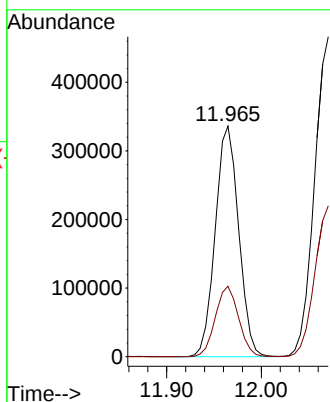
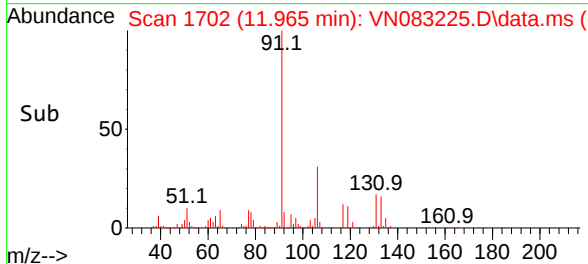
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



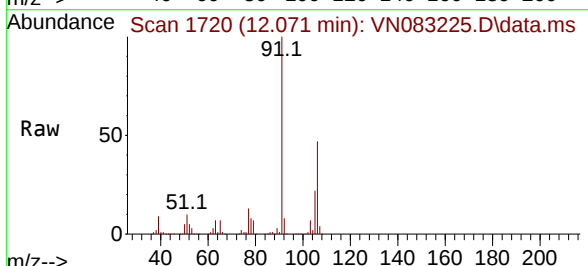
Tgt Ion: 91 Resp: 576944
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0

Manual Integrations
APPROVED

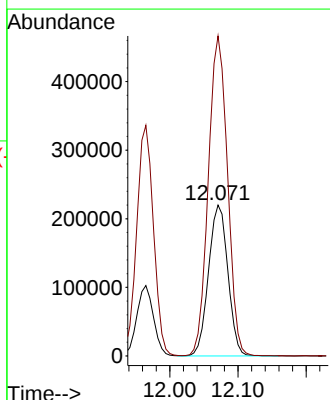
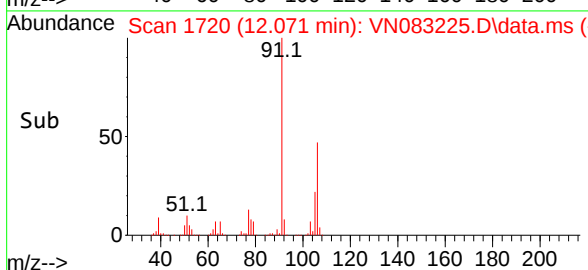
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024

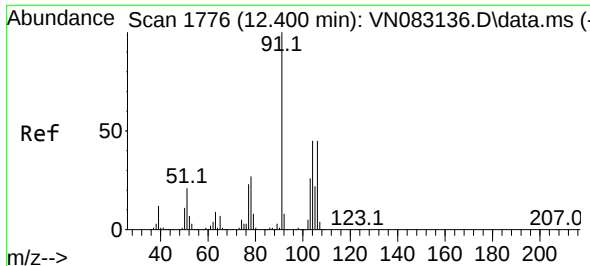


#68
m/p-Xylenes
Concen: 107.195 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48



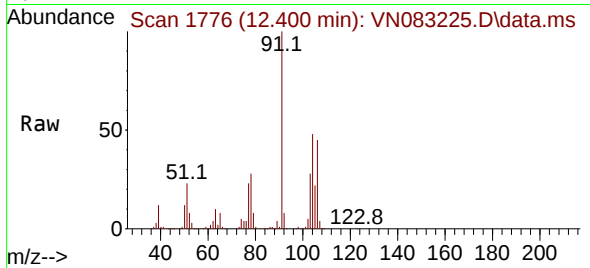
Tgt Ion:106 Resp: 434899
Ion Ratio Lower Upper
106 100
91 210.2 166.1 249.1





#69
o-Xylene
Concen: 52.315 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

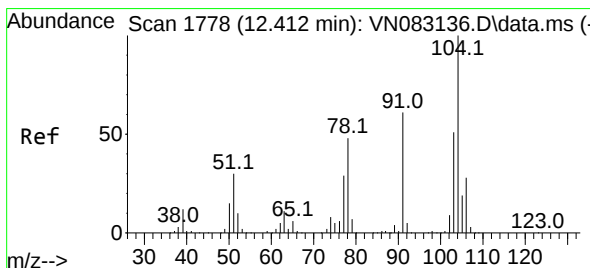
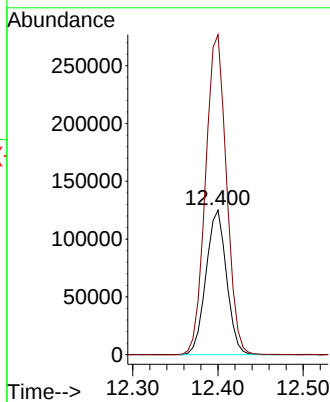
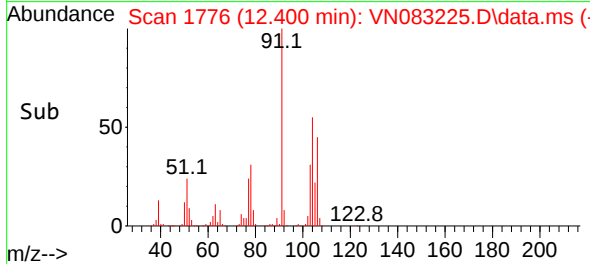
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 209334
Ion Ratio Lower Upper
106 100
91 226.0 111.3 333.9

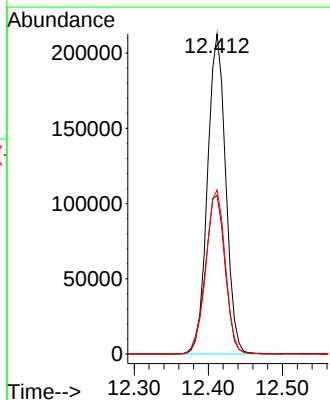
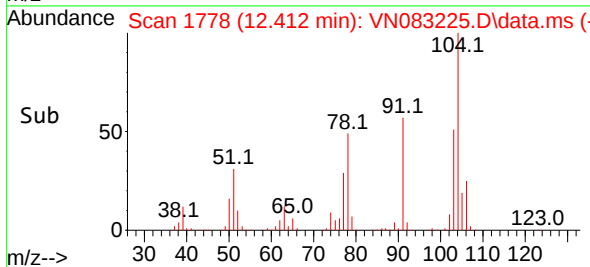
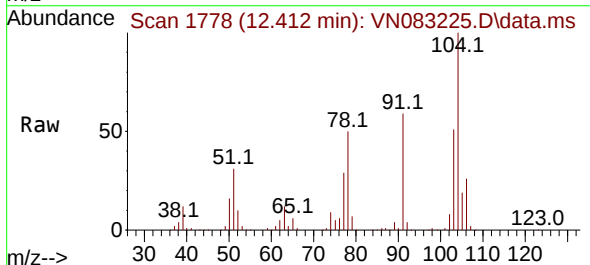
Manual Integrations
APPROVED

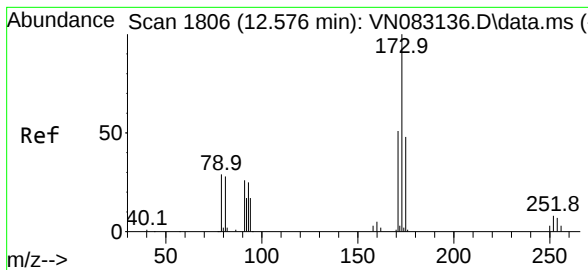
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#70
Styrene
Concen: 54.007 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

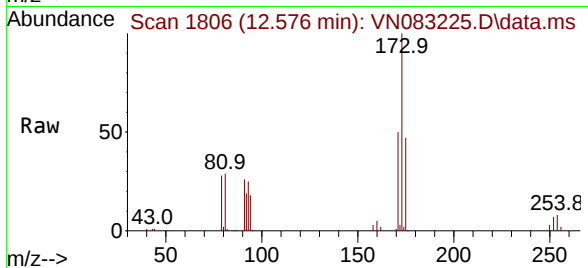
Tgt Ion:104 Resp: 362959
Ion Ratio Lower Upper
104 100
78 54.0 41.6 62.4
103 54.6 44.0 66.0





#71
Bromoform
Concen: 53.942 ug/l
RT: 12.576 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

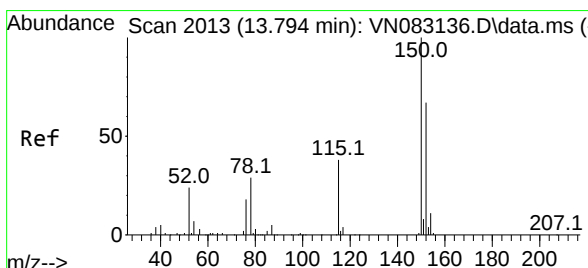
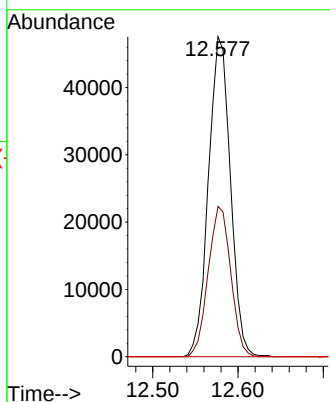
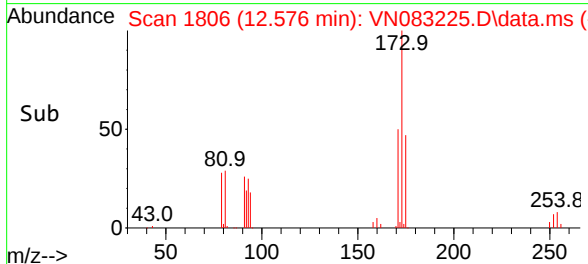
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



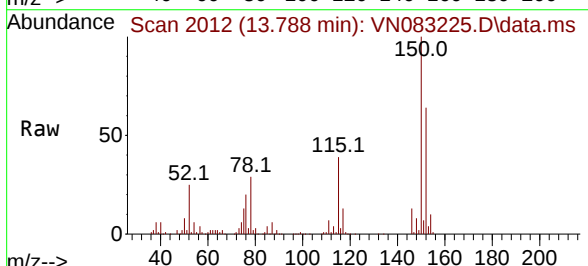
Tgt Ion:173 Resp: 85089
Ion Ratio Lower Upper
173 100
175 48.2 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

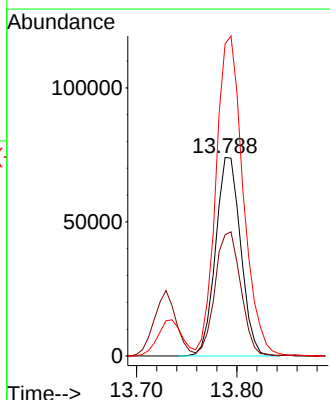
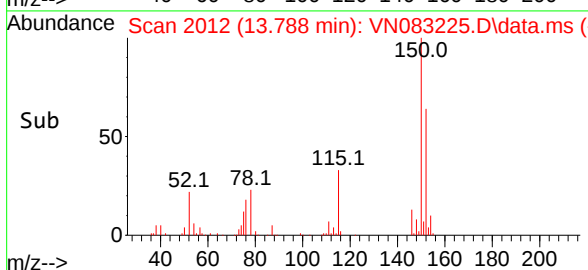
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024

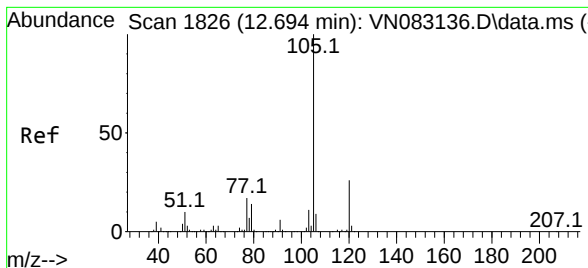


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48



Tgt Ion:152 Resp: 128278
Ion Ratio Lower Upper
152 100
115 64.5 30.6 91.6
150 174.9 0.0 348.6





#73

Isopropylbenzene

Concen: 51.874 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083225.D

Acq: 12 Aug 2024 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 55658

Ion Ratio Lower Upper

105 100

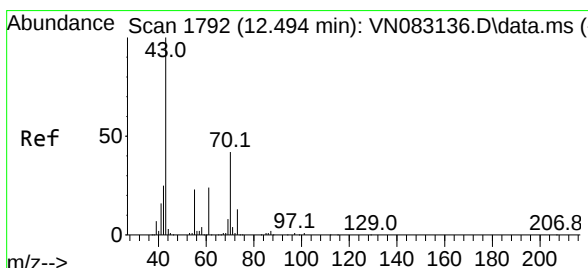
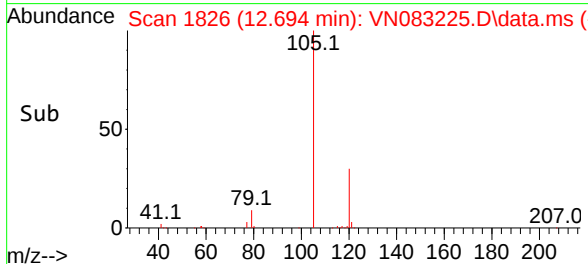
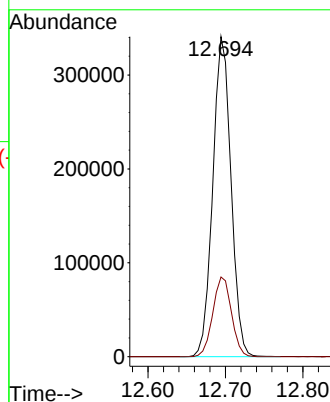
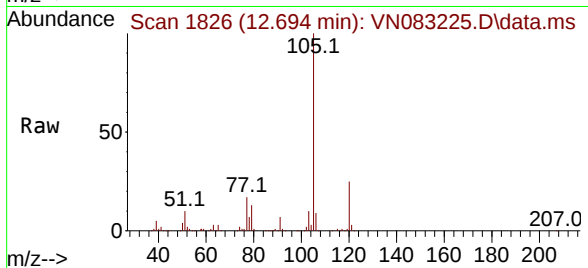
120 25.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2024

Supervised By :Semsettin Yesilyurt 08/13/2024



#74

N-ethyl acetate

Concen: 46.518 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083225.D

Acq: 12 Aug 2024 09:48

Tgt Ion: 43 Resp: 244139

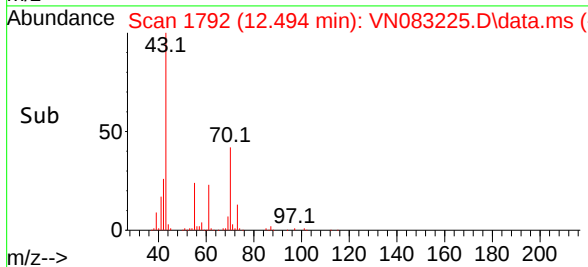
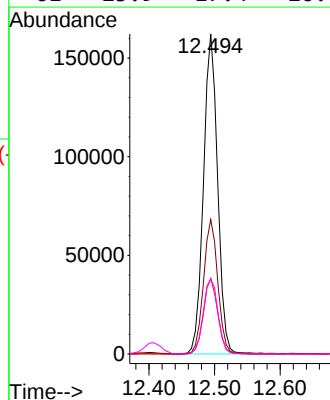
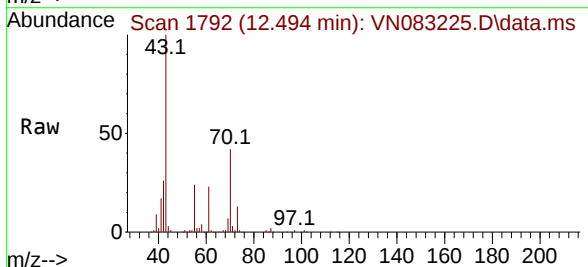
Ion Ratio Lower Upper

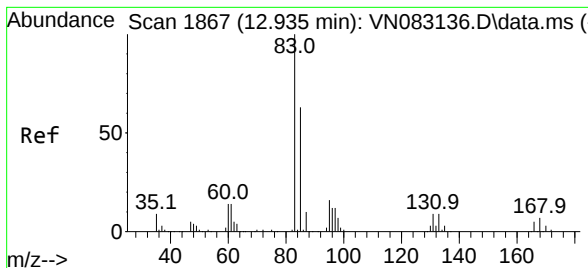
43 100

70 42.3 29.8 44.6

55 24.1 18.7 28.1

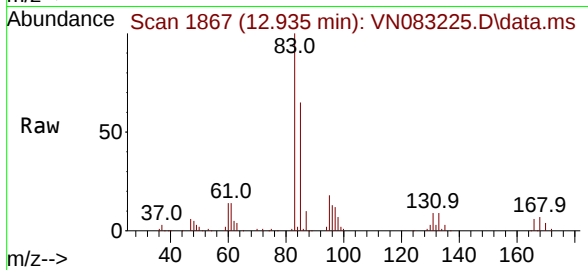
61 23.9 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 48.762 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

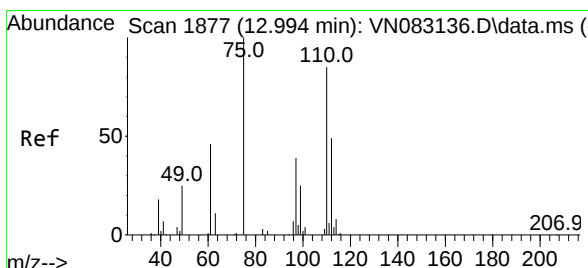
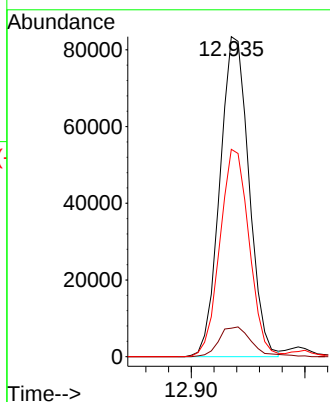
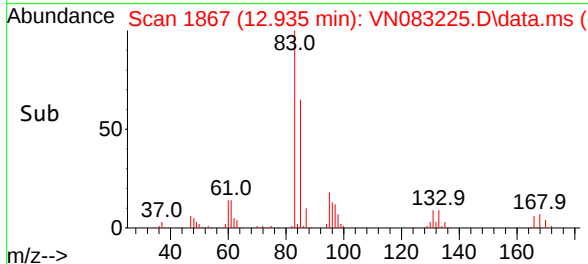
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



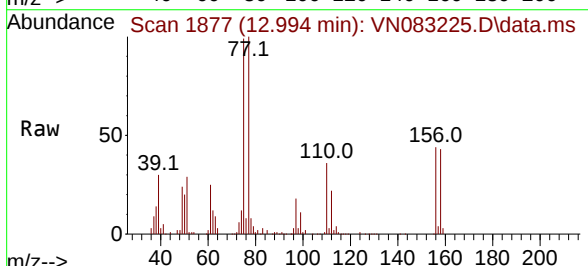
Tgt Ion: 83 Resp: 147975
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 65.3 31.9 95.7

Manual Integrations
APPROVED

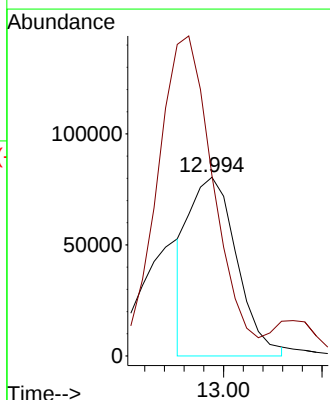
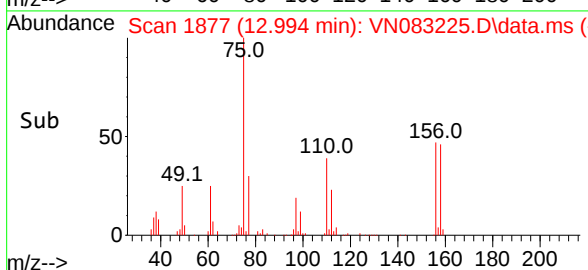
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024

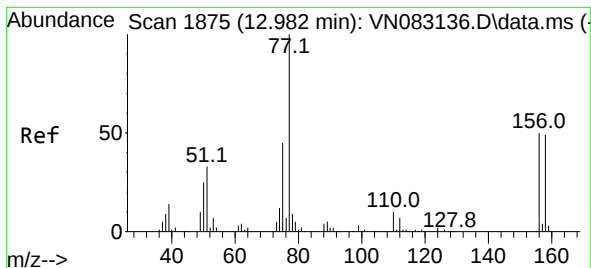


#76
1,2,3-Trichloropropane
Concen: 48.197 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48



Tgt Ion: 75 Resp: 135692
Ion Ratio Lower Upper
75 100
77 211.7 110.9 332.6





#77

Bromobenzene

Concen: 52.326 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN083225.D

Acq: 12 Aug 2024 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 124710

Ion Ratio Lower Upper

156 100

77 230.4 111.3 333.8

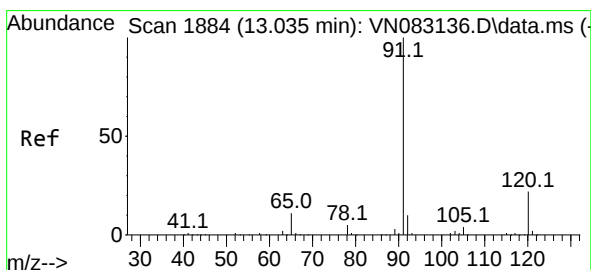
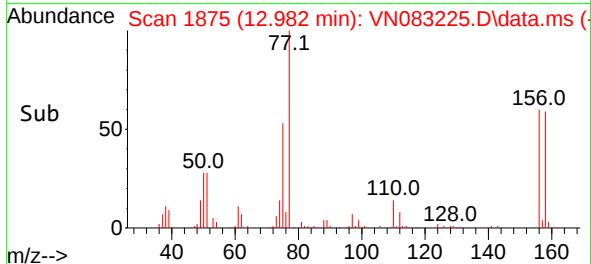
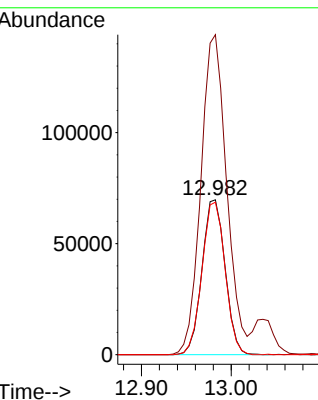
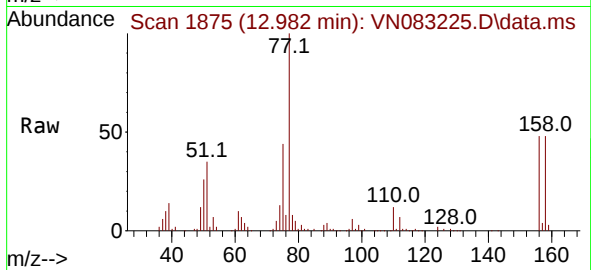
158 98.6 48.3 144.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2024

Supervised By :Semsettin Yesilyurt 08/13/2024



#78

n-propylbenzene

Concen: 52.997 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083225.D

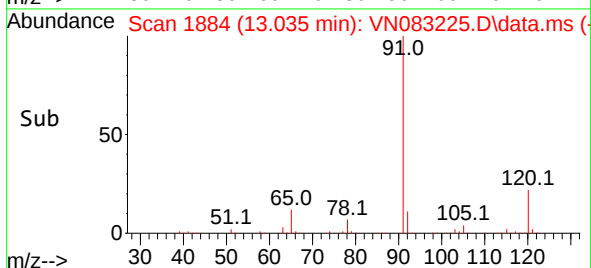
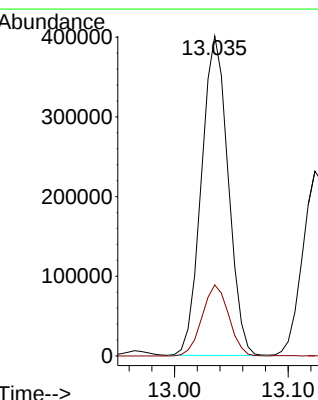
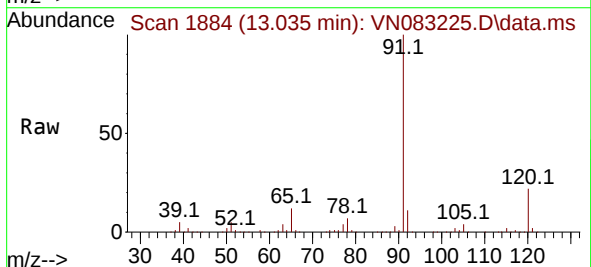
Acq: 12 Aug 2024 09:48

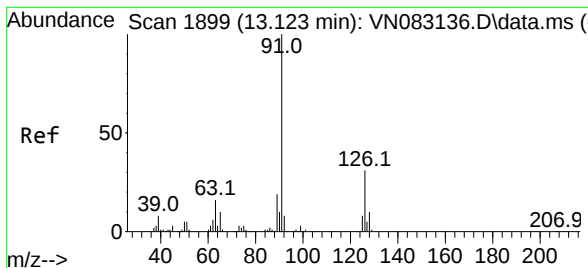
Tgt Ion: 91 Resp: 654772

Ion Ratio Lower Upper

91 100

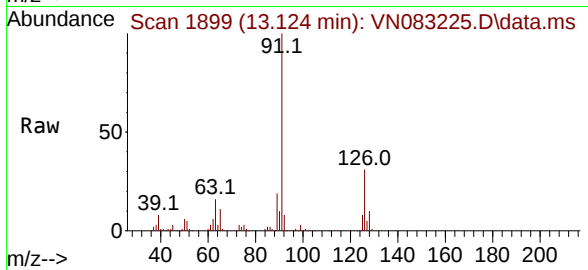
120 22.2 10.9 32.9





#79
2-Chlorotoluene
Concen: 51.627 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

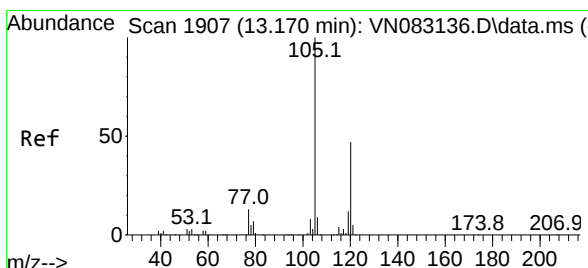
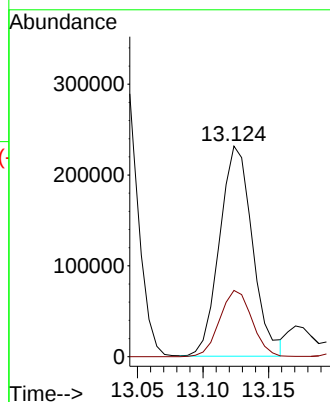
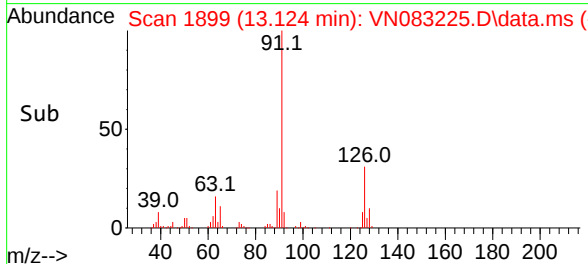
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



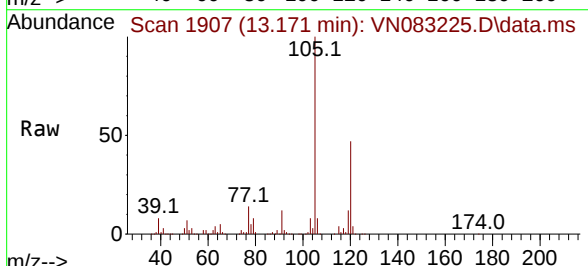
Tgt Ion: 91 Resp: 404389
Ion Ratio Lower Upper
91 100
126 30.9 16.2 48.6

Manual Integrations
APPROVED

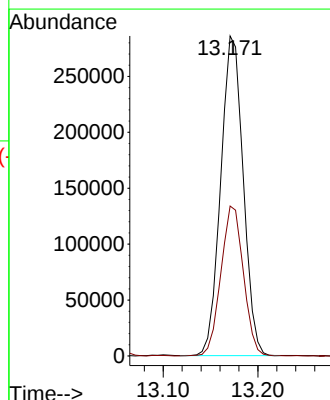
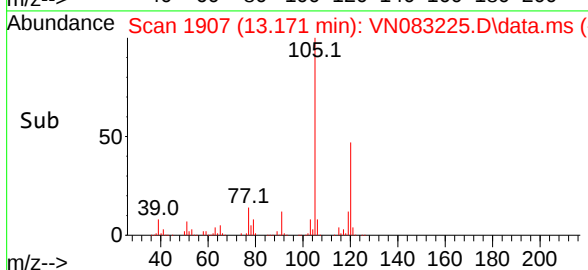
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024

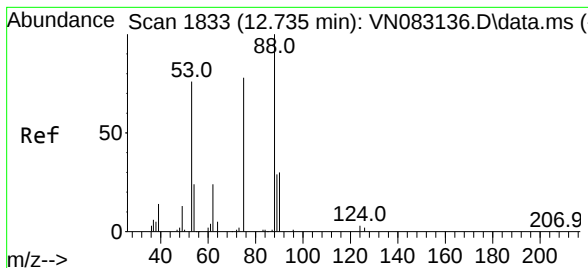


#80
1,3,5-Trimethylbenzene
Concen: 52.517 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48



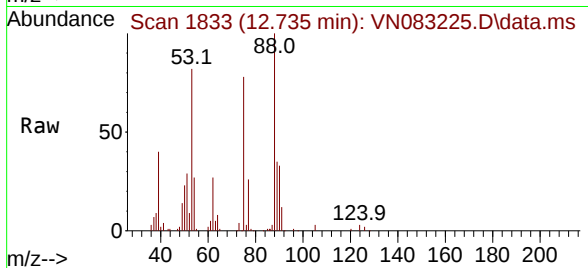
Tgt Ion:105 Resp: 471752
Ion Ratio Lower Upper
105 100
120 47.1 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 46.546 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

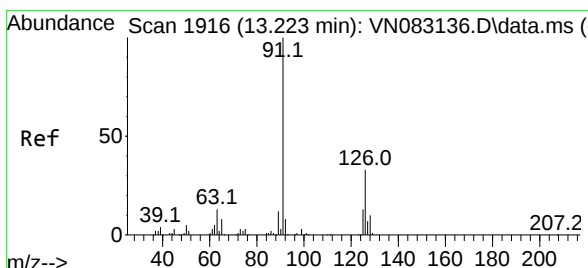
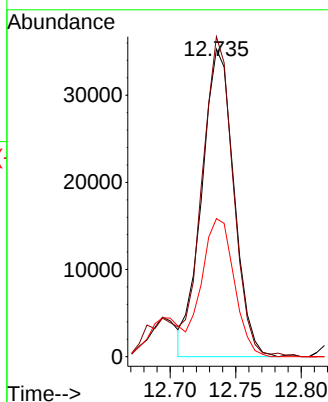
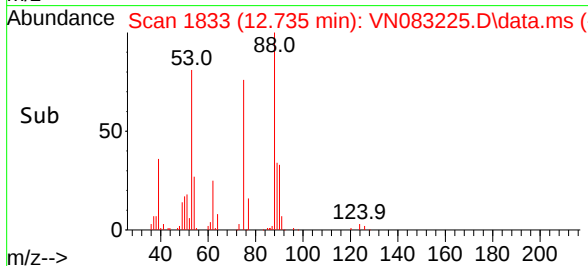
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 60244
Ion Ratio Lower Upper
75 100
53 100.6 88.4 132.6
89 44.9 36.3 54.5

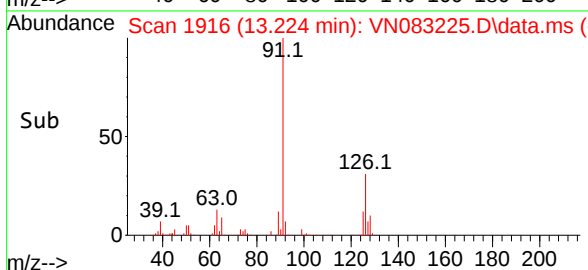
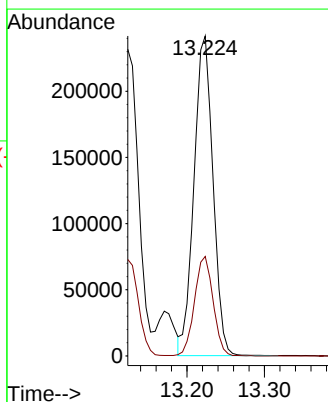
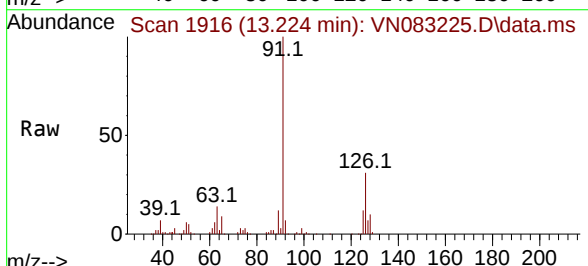
Manual Integrations
APPROVED

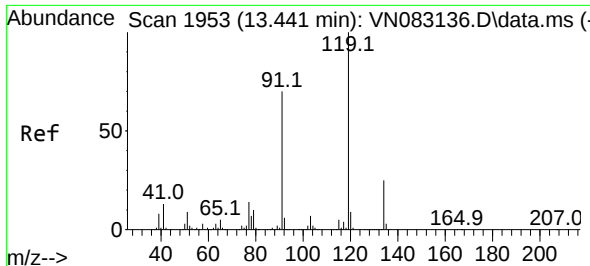
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#82
4-Chlorotoluene
Concen: 52.295 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

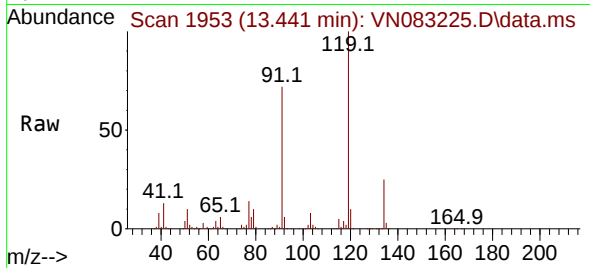
Tgt Ion: 91 Resp: 410875
Ion Ratio Lower Upper
91 100
126 30.6 16.2 48.6





#83
tert-Butylbenzene
Concen: 51.631 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

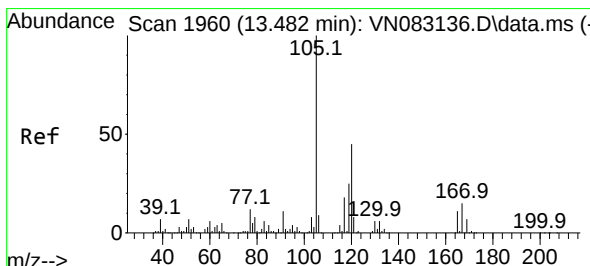
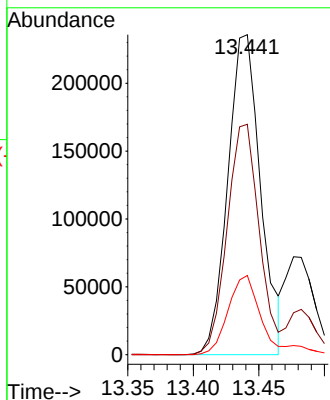
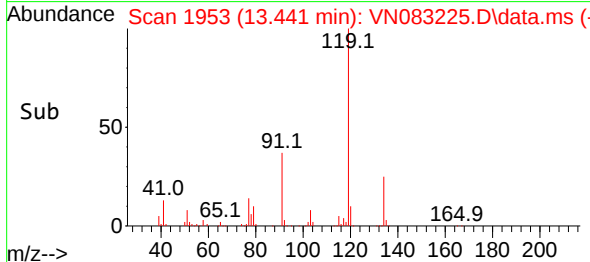
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



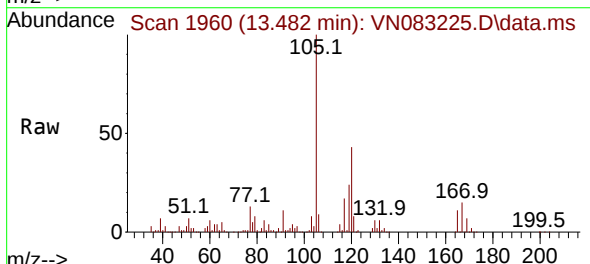
Tgt Ion:119 Resp: 410725
Ion Ratio Lower Upper
119 100
91 70.4 35.0 105.1
134 25.8 13.3 39.8

Manual Integrations
APPROVED

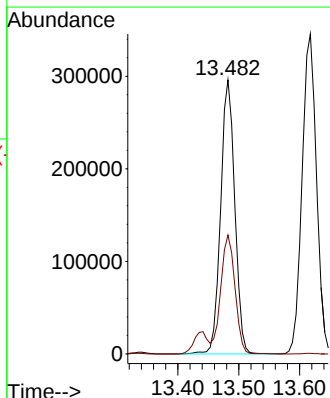
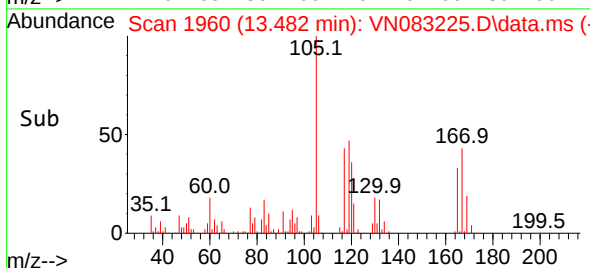
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024

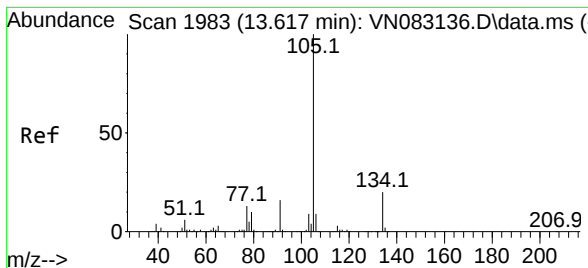


#84
1,2,4-Trimethylbenzene
Concen: 52.727 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48



Tgt Ion:105 Resp: 477317
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.8





#85

sec-Butylbenzene

Concen: 52.249 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN083225.D

Acq: 12 Aug 2024 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 56714

Ion Ratio Lower Upper

105 100

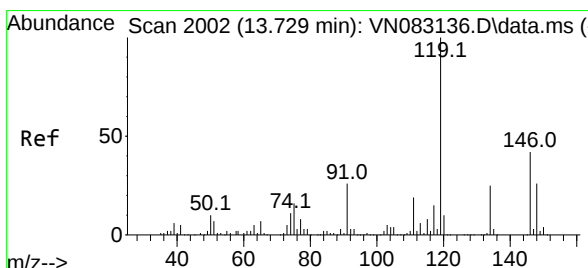
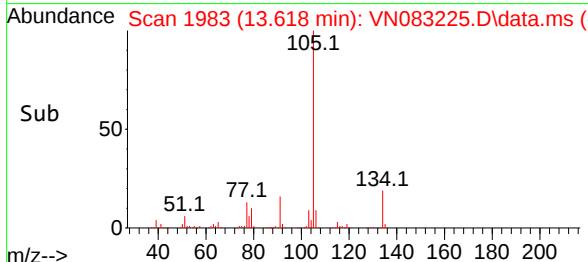
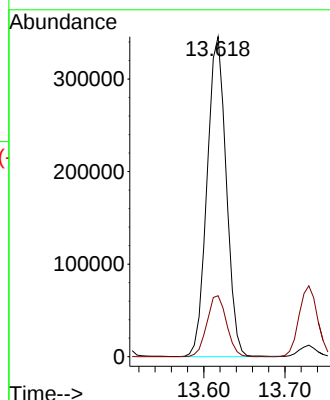
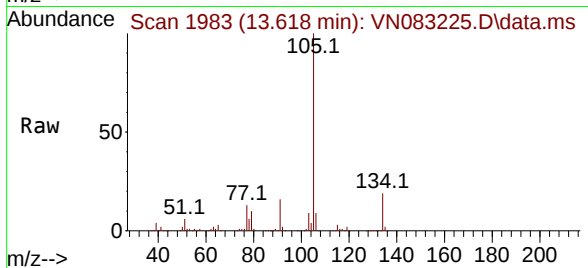
134 19.6 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2024

Supervised By :Semsettin Yesilyurt 08/13/2024



#86

p-Isopropyltoluene

Concen: 53.556 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083225.D

Acq: 12 Aug 2024 09:48

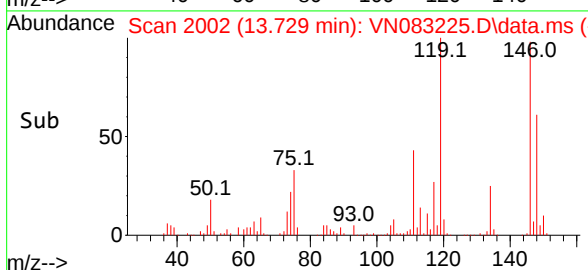
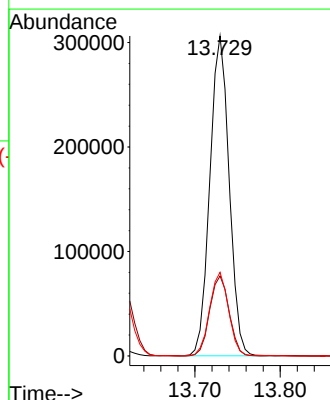
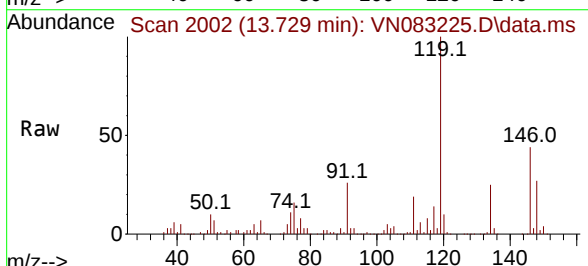
Tgt Ion:119 Resp: 479994

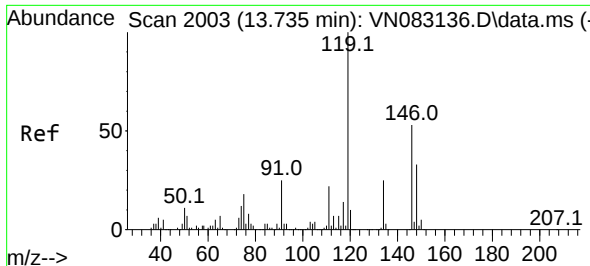
Ion Ratio Lower Upper

119 100

134 25.2 13.0 39.0

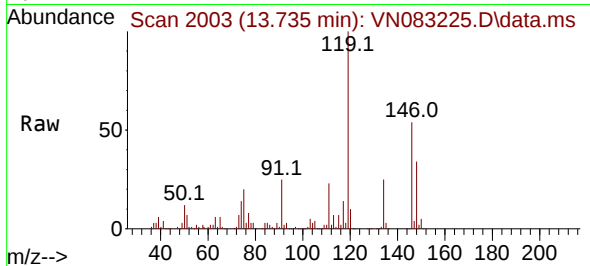
91 25.8 12.3 36.9





#87
 1,3-Dichlorobenzene
 Concen: 51.823 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN083225.D
 Acq: 12 Aug 2024 09:48

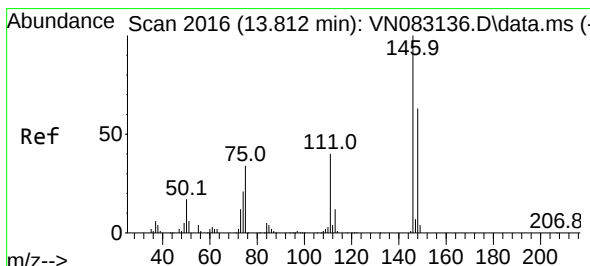
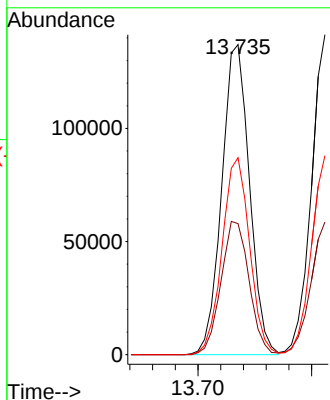
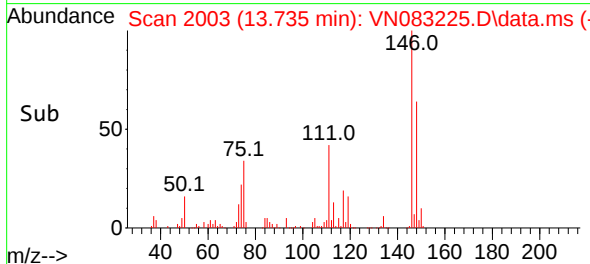
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



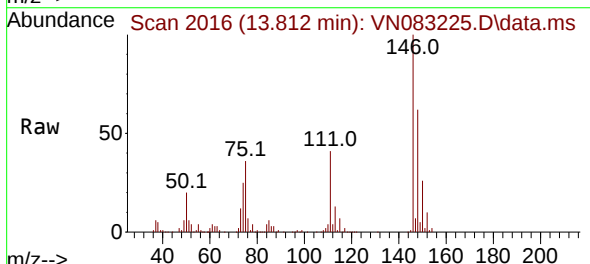
Tgt Ion:146 Resp: 232420
 Ion Ratio Lower Upper
 146 100
 111 43.6 20.6 61.9
 148 63.1 31.8 95.3

Manual Integrations
 APPROVED

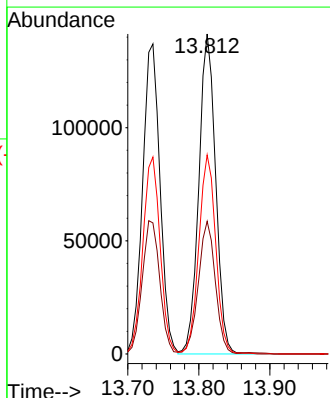
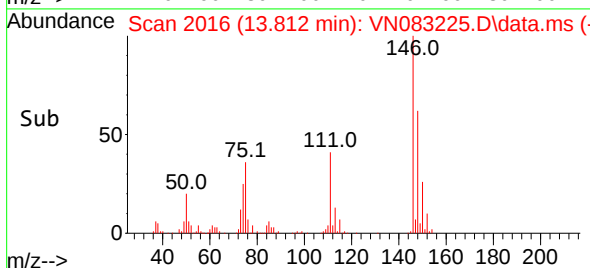
Reviewed By :John Carlone 08/13/2024
 Supervised By :Semsettin Yesilyurt 08/13/2024

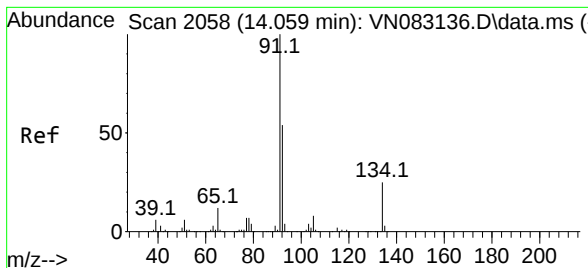


#88
 1,4-Dichlorobenzene
 Concen: 51.781 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN083225.D
 Acq: 12 Aug 2024 09:48



Tgt Ion:146 Resp: 234120
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.1 60.3
 148 62.4 32.2 96.6





#89

n-Butylbenzene

Concen: 55.556 ug/l

RT: 14.053 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VN083225.D

Acq: 12 Aug 2024 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

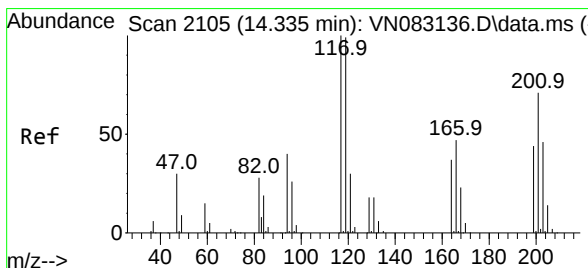
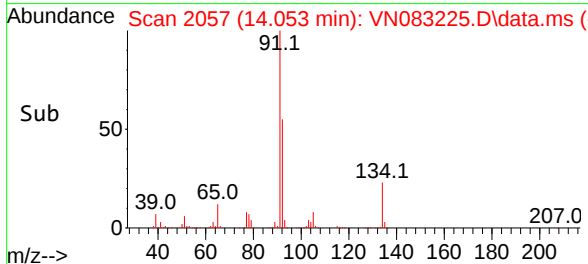
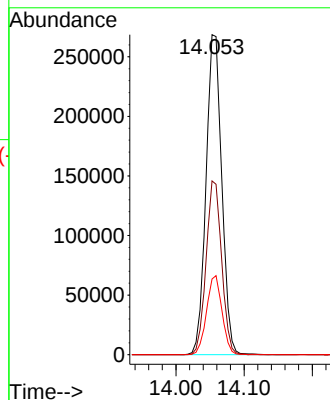
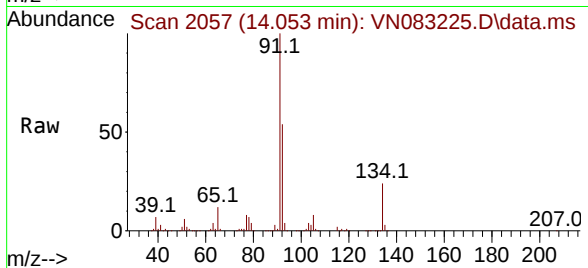
Tgt Ion: 91 Resp: 431440
Ion Ratio Lower Upper
91 100
92 53.5 26.1 78.3
134 24.2 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2024

Supervised By :Semsettin Yesilyurt 08/13/2024



#90

Hexachloroethane

Concen: 51.985 ug/l

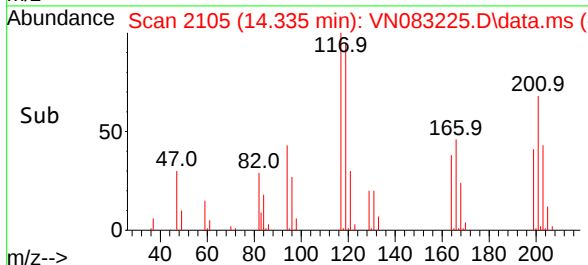
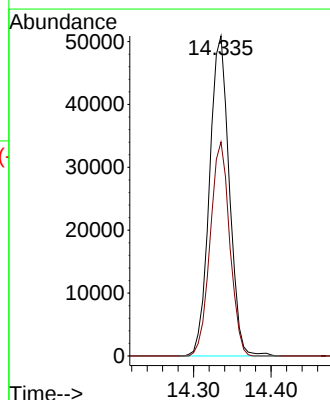
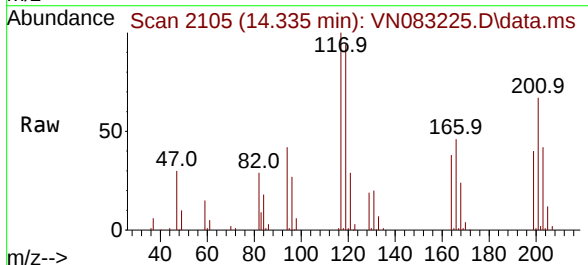
RT: 14.335 min Scan# 2105

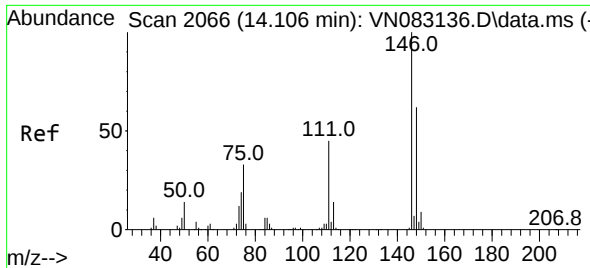
Delta R.T. 0.000 min

Lab File: VN083225.D

Acq: 12 Aug 2024 09:48

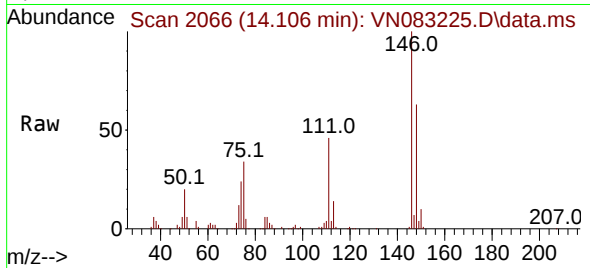
Tgt Ion:117 Resp: 90014
Ion Ratio Lower Upper
117 100
201 66.0 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 51.015 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

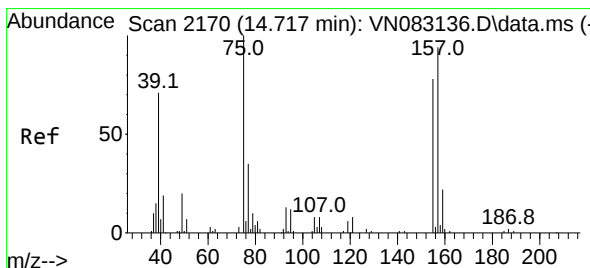
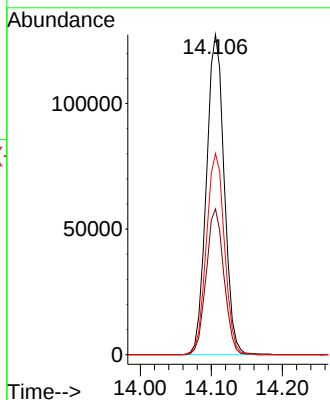
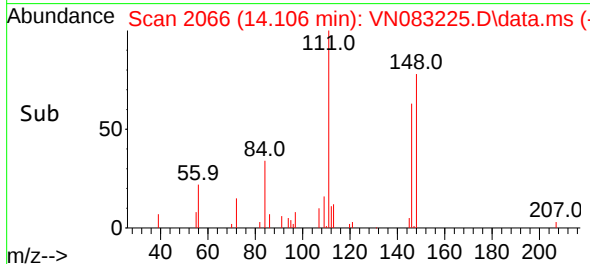
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 22140
Ion Ratio Lower Upper
146 100
111 45.5 21.4 64.2
148 64.1 32.1 96.5

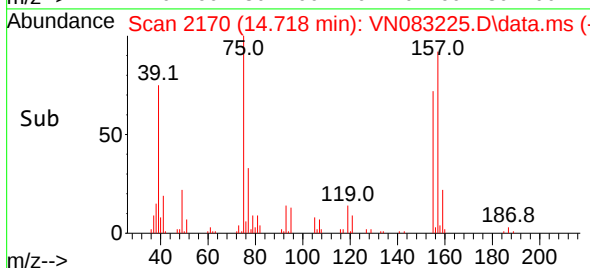
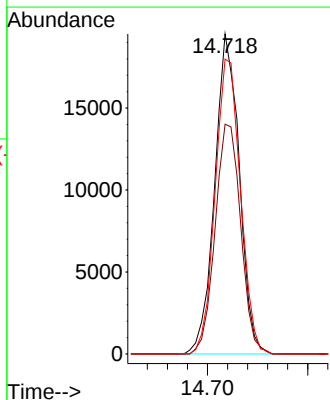
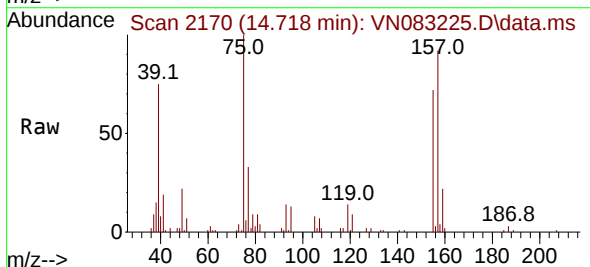
Manual Integrations
APPROVED

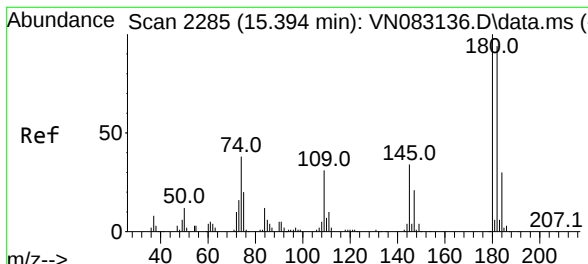
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.011 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

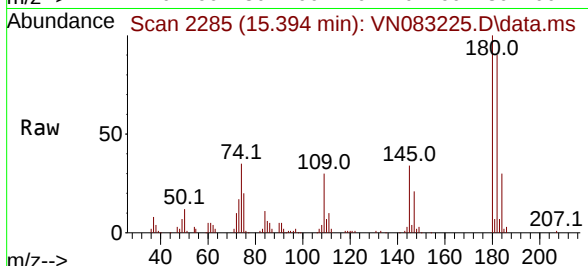
Tgt Ion: 75 Resp: 33146
Ion Ratio Lower Upper
75 100
155 74.7 36.6 109.8
157 95.0 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 52.346 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

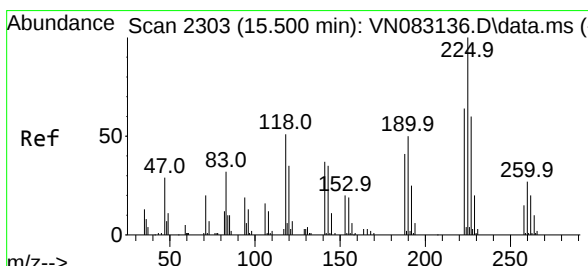
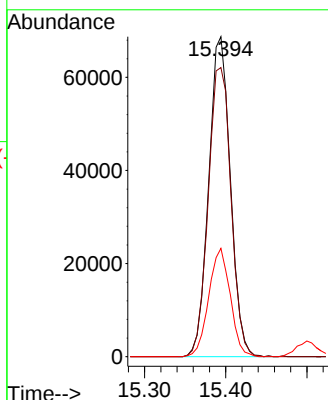
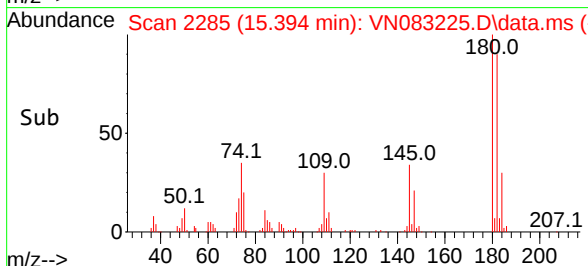
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



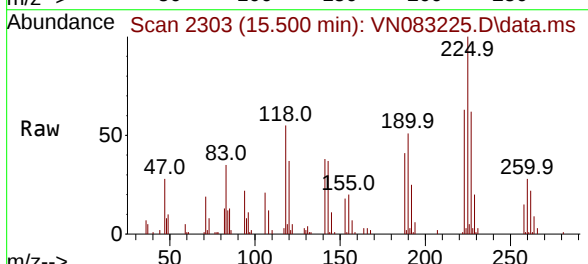
Tgt Ion:180 Resp: 127272
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.8
145 33.6 15.7 47.1

Manual Integrations
APPROVED

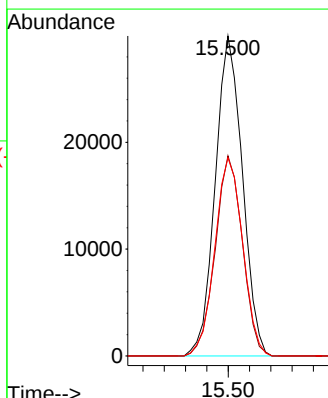
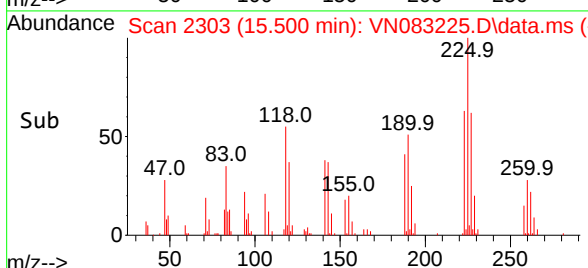
Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024

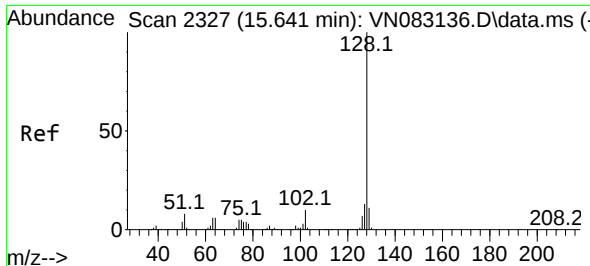


#94
Hexachlorobutadiene
Concen: 49.009 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48



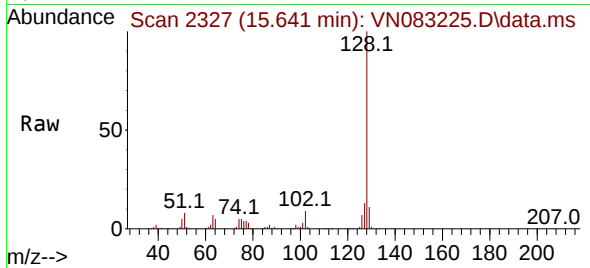
Tgt Ion:225 Resp: 52994
Ion Ratio Lower Upper
225 100
223 62.6 31.9 95.7
227 63.5 32.5 97.5





#95
Naphthalene
Concen: 48.783 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48

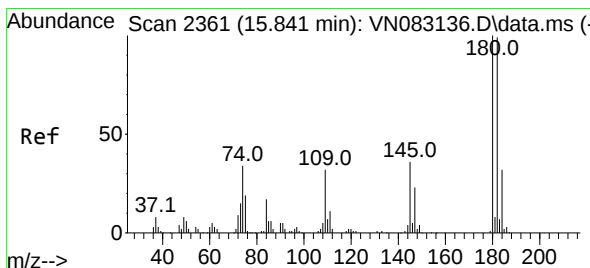
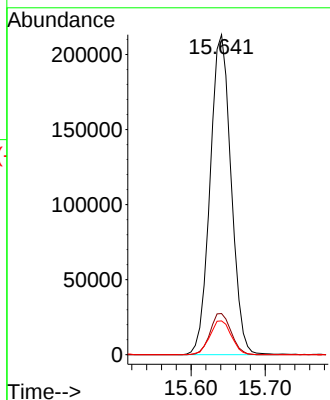
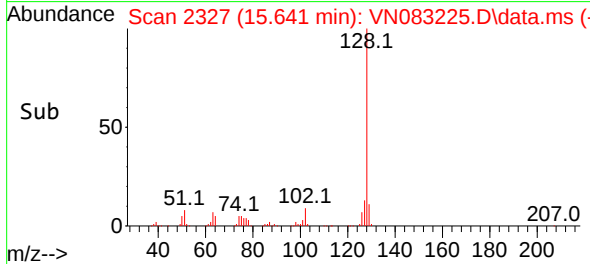
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



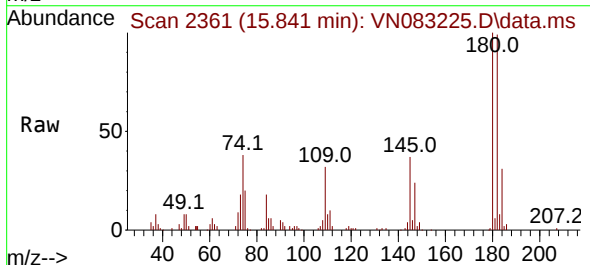
Tgt Ion:128 Resp: 420140
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



#96
1,2,3-Trichlorobenzene
Concen: 50.813 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083225.D
Acq: 12 Aug 2024 09:48



Tgt Ion:180 Resp: 122246
Ion Ratio Lower Upper
180 100
182 96.0 48.9 146.8
145 35.3 16.8 50.4

