

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083931.D
 Acq On : 17 Sep 2024 09:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/18/2024
 Supervised By : Mahesh Dadoda 09/18/2024

Quant Time: Sep 18 01:41:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	154520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124282	53.341	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.680%			
35) Dibromofluoromethane	8.165	113	89953	51.892	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.780%			
50) Toluene-d8	10.565	98	326466	54.477	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.960%			
62) 4-Bromofluorobenzene	12.847	95	124991	50.554	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	81055	45.168	ug/l	100
3) Chloromethane	2.359	50	86271	46.966	ug/l	98
4) Vinyl Chloride	2.518	62	87997	44.738	ug/l	97
5) Bromomethane	2.948	94	56593	50.112	ug/l	100
6) Chloroethane	3.118	64	58888	42.680	ug/l	97
7) Trichlorofluoromethane	3.500	101	152073	45.547	ug/l	99
8) Diethyl Ether	3.959	74	51869	46.345	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	81674	46.152	ug/l	97
10) Methyl Iodide	4.589	142	105402	46.831	ug/l	94
11) Tert butyl alcohol	5.518	59	89559	287.047	ug/l	99
12) 1,1-Dichloroethene	4.342	96	77052	46.103	ug/l	95
13) Acrolein	4.177	56	66388	215.657	ug/l	95
14) Allyl chloride	5.024	41	133411	44.799	ug/l	92
15) Acrylonitrile	5.718	53	217012	255.762	ug/l	100
16) Acetone	4.424	43	250409	268.099	ug/l	100
17) Carbon Disulfide	4.712	76	198223	42.400	ug/l	98
18) Methyl Acetate	5.030	43	107402	55.389	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	298617	49.376	ug/l	99
20) Methylene Chloride	5.277	84	91410	47.825	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	82673	46.157	ug/l	93
22) Diisopropyl ether	6.671	45	307809	50.211	ug/l	98
23) Vinyl Acetate	6.600	43	1165101	259.525	ug/l	97
24) 1,1-Dichloroethane	6.565	63	170758	48.348	ug/l	98
25) 2-Butanone	7.483	43	320993	261.476	ug/l	97
26) 2,2-Dichloropropane	7.488	77	157676	48.478	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	102915	48.403	ug/l	97
28) Bromochloromethane	7.812	49	80367	54.034	ug/l	94
29) Tetrahydrofuran	7.835	42	191569	263.912	ug/l	98
30) Chloroform	7.965	83	182068	48.557	ug/l	97
31) Cyclohexane	8.253	56	139087	41.304	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	165402	47.974	ug/l	98
36) 1,1-Dichloropropene	8.371	75	118626	45.466	ug/l	99
37) Ethyl Acetate	7.559	43	126474	53.403	ug/l	97
38) Carbon Tetrachloride	8.359	117	139996	47.296	ug/l	99
39) Methylcyclohexane	9.600	83	130843	44.058	ug/l	97
40) Benzene	8.606	78	370051	47.122	ug/l	100

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Quant Time: Sep 18 01:41:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	72876	52.027	ug/l	99
42) 1,2-Dichloroethane	8.671	62	145019	49.420	ug/l	100
43) Isopropyl Acetate	8.688	43	225832	52.621	ug/l	99
44) Trichloroethene	9.353	130	88497	48.663	ug/l	100
45) 1,2-Dichloropropane	9.624	63	90843	47.861	ug/l	99
46) Dibromomethane	9.706	93	67508	50.778	ug/l	98
47) Bromodichloromethane	9.888	83	146848	51.038	ug/l	97
48) Methyl methacrylate	9.682	41	106020	52.069	ug/l	98
49) 1,4-Dioxane	9.694	88	34237	1022.127	ug/l #	99
51) 4-Methyl-2-Pentanone	10.441	43	639447	273.715	ug/l	98
52) Toluene	10.629	92	233822	48.677	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	149544	51.277	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	155875	50.882	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	88695	49.459	ug/l	97
56) Ethyl methacrylate	10.871	69	150782	54.650	ug/l	96
57) 1,3-Dichloropropane	11.159	76	155356	50.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	365898	368.050	ug/l	96
59) 2-Hexanone	11.194	43	476585	275.781	ug/l	98
60) Dibromochloromethane	11.359	129	109815	54.717	ug/l	98
61) 1,2-Dibromoethane	11.470	107	89207	49.879	ug/l	99
64) Tetrachloroethene	11.100	164	75305	46.844	ug/l	96
65) Chlorobenzene	11.888	112	249168	46.377	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	91360	49.051	ug/l	100
67) Ethyl Benzene	11.965	91	461898	48.396	ug/l	100
68) m/p-Xylenes	12.070	106	337767	95.323	ug/l	98
69) o-Xylene	12.400	106	168633	49.161	ug/l	97
70) Styrene	12.412	104	287691	51.104	ug/l	100
71) Bromoform	12.576	173	69563	55.424	ug/l #	99
73) Isopropylbenzene	12.694	105	430657	47.082	ug/l	100
74) N-amyl acetate	12.494	43	201812	51.712	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	126789	47.177	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	108243m	45.373	ug/l	
77) Bromobenzene	12.976	156	100348	45.576	ug/l	99
78) n-propylbenzene	13.035	91	515320	48.421	ug/l	99
79) 2-Chlorotoluene	13.123	91	318748	46.962	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	366331	47.503	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	46835	51.418	ug/l	96
82) 4-Chlorotoluene	13.217	91	323394	47.480	ug/l	100
83) tert-Butylbenzene	13.435	119	315422	46.750	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	374942	48.401	ug/l	99
85) sec-Butylbenzene	13.612	105	431311	48.202	ug/l	99
86) p-Isopropyltoluene	13.729	119	366811	48.903	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	190493	45.843	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	187691	44.608	ug/l	99
89) n-Butylbenzene	14.053	91	320639	47.611	ug/l	100
90) Hexachloroethane	14.329	117	68607	45.502	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	183609	45.785	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25853	48.256	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	95303	44.286	ug/l	99
94) Hexachlorobutadiene	15.500	225	40589	44.413	ug/l	98
95) Naphthalene	15.641	128	308909	47.182	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	88852	43.202	ug/l	98

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MSVOA_N
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VSTDCCC050

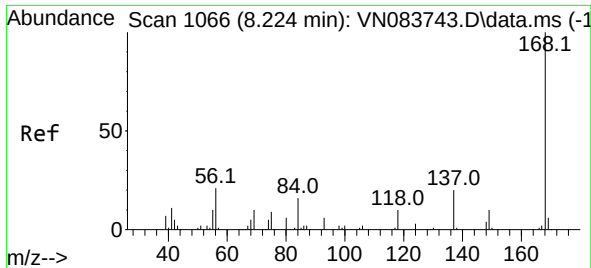
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

Quant Time: Sep 18 01:41:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

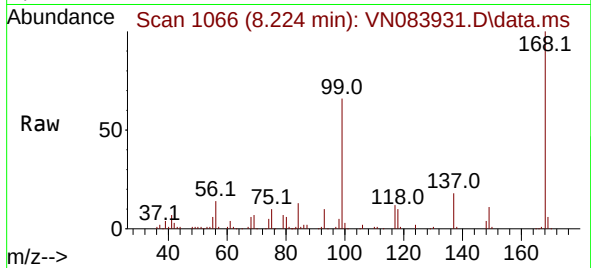
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083931.D
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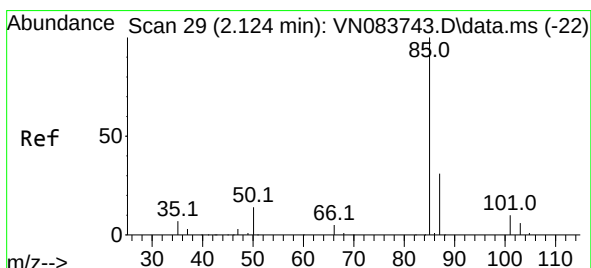
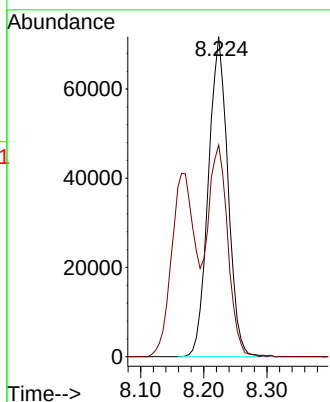
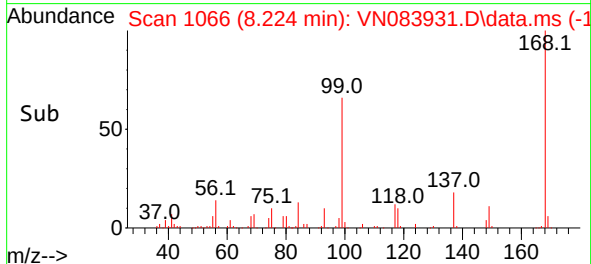
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 154520
Ion Ratio Lower Upper
168 100
99 66.2 54.2 81.2

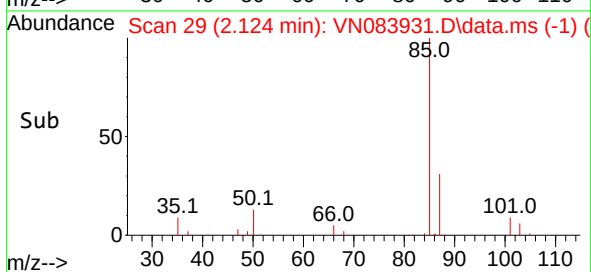
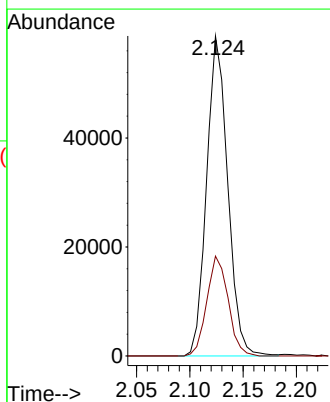
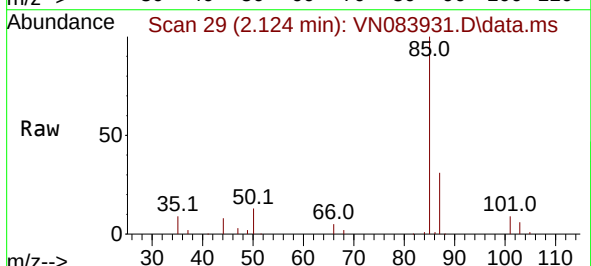
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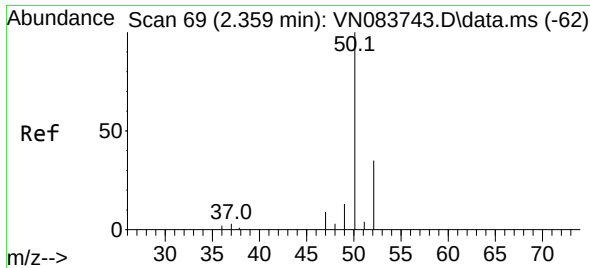
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#2
Dichlorodifluoromethane
Concen: 45.168 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Tgt Ion: 85 Resp: 81055
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.0





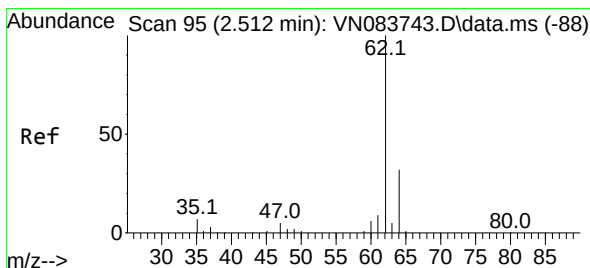
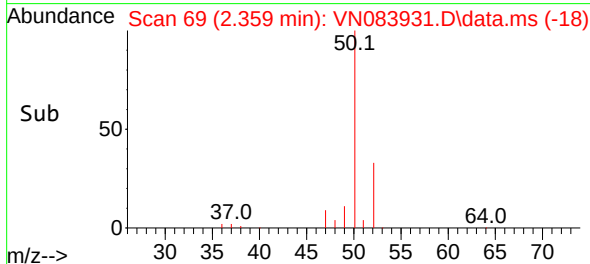
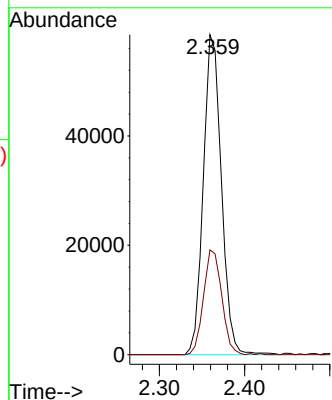
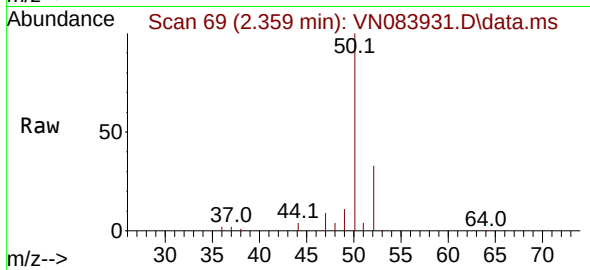
#3
Chloromethane
Concen: 46.966 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 8627
Ion Ratio Lower Upper
50 100
52 32.7 27.2 40.8

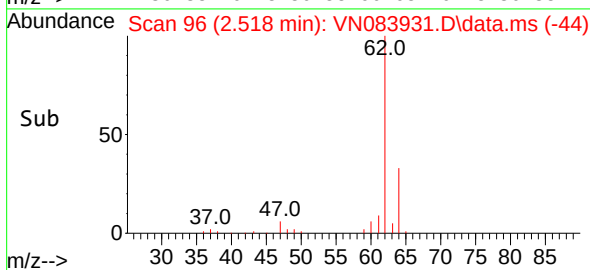
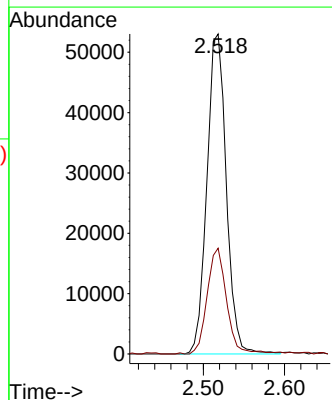
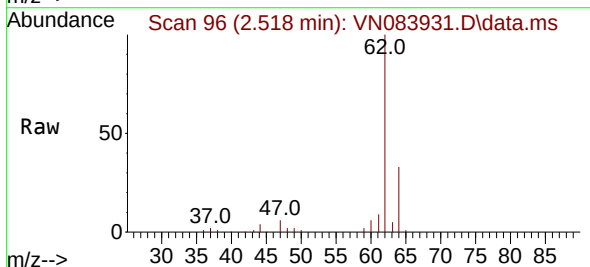
Manual Integrations
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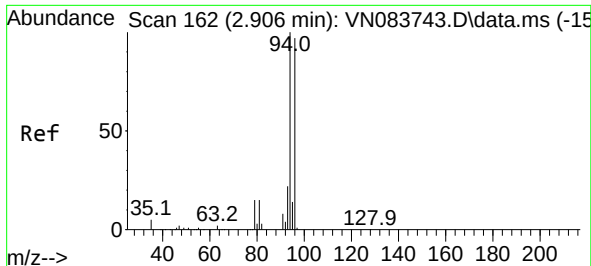
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#4
Vinyl Chloride
Concen: 44.738 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Tgt Ion: 62 Resp: 87997
Ion Ratio Lower Upper
62 100
64 32.7 24.7 37.1





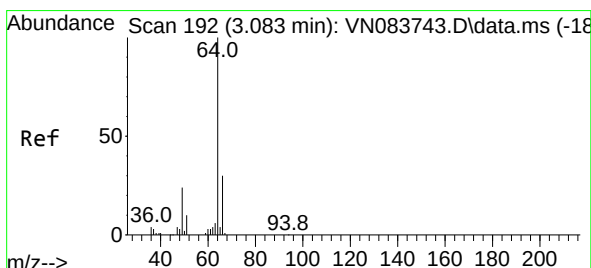
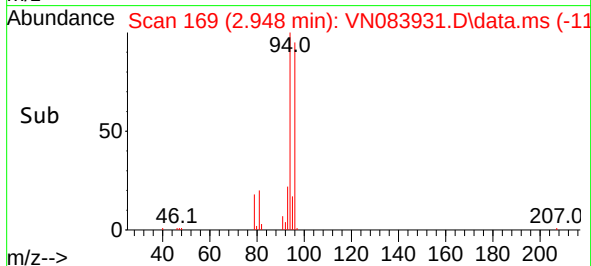
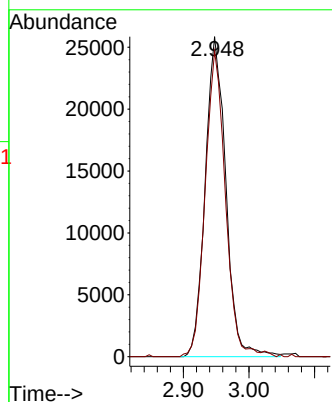
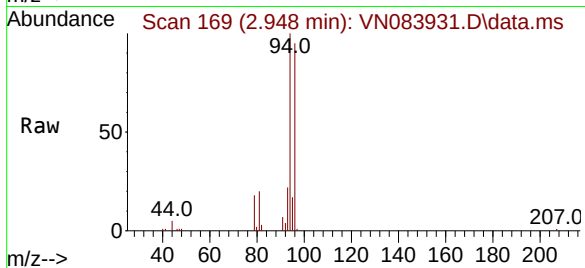
#5
Bromomethane
Concen: 50.112 ug/l
RT: 2.948 min Scan# 1
Delta R.T. 0.041 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 5659
Ion Ratio Lower Upper
94 100
96 95.5 76.0 114.0

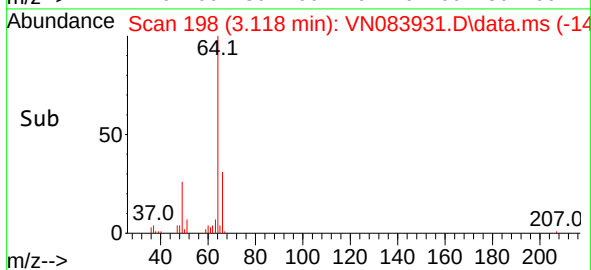
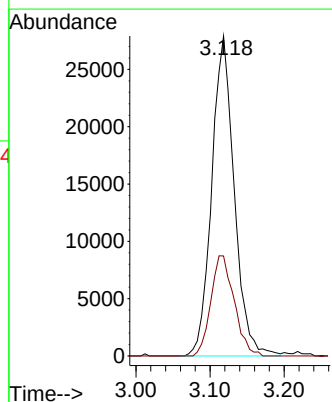
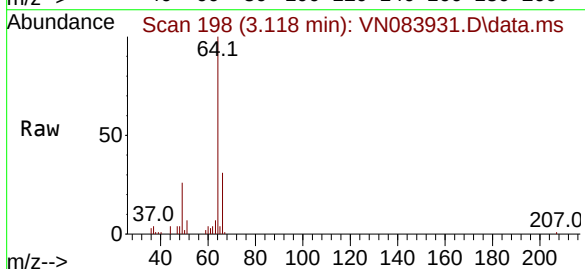
Manual Integrations
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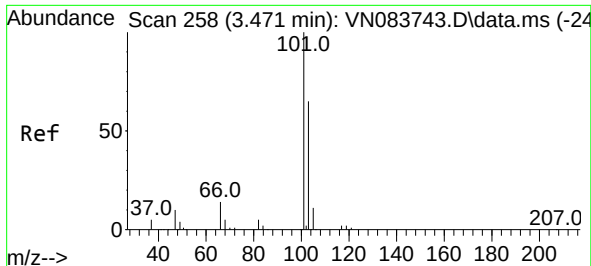
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#6
Chloroethane
Concen: 42.680 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.035 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Tgt Ion: 64 Resp: 58888
Ion Ratio Lower Upper
64 100
66 31.3 23.9 35.9





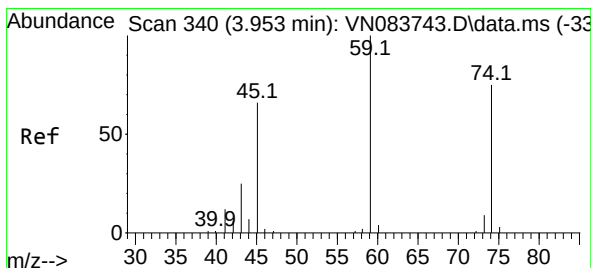
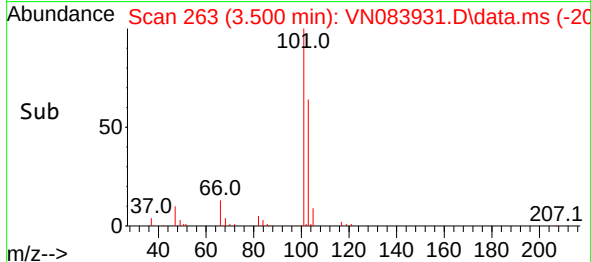
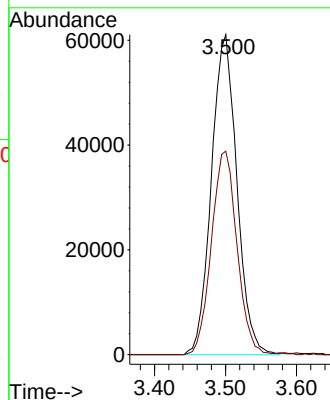
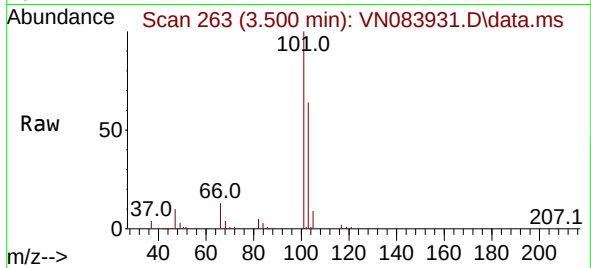
#7
Trichlorofluoromethane
Concen: 45.547 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.029 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 15207
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.0

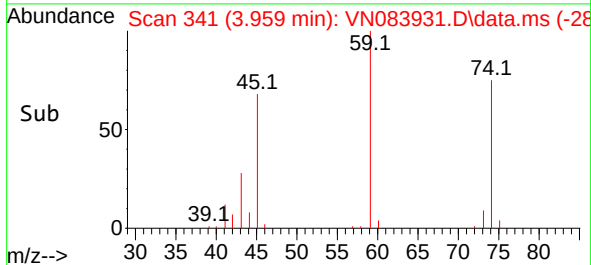
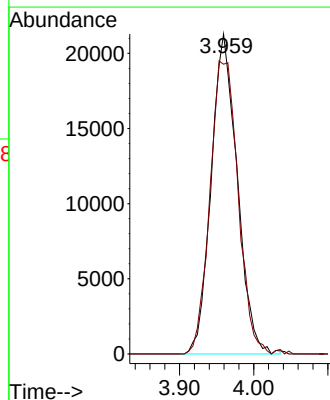
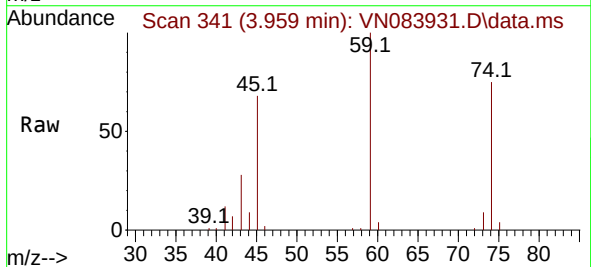
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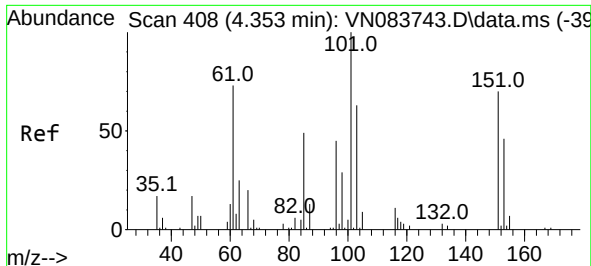
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#8
Diethyl Ether
Concen: 46.345 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Tgt Ion: 74 Resp: 51869
Ion Ratio Lower Upper
74 100
45 99.0 46.7 140.1





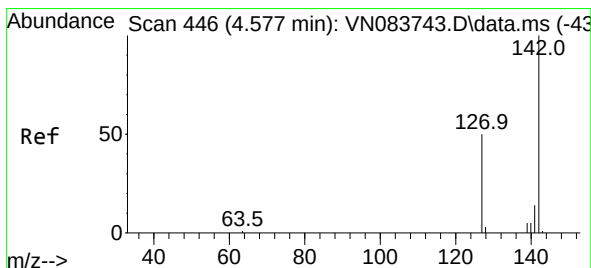
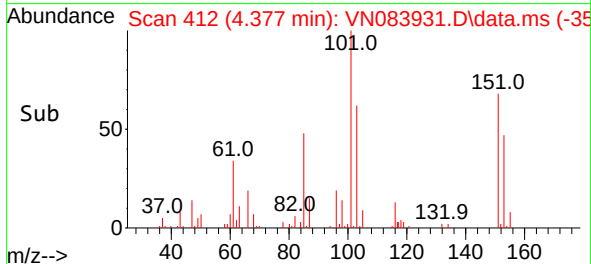
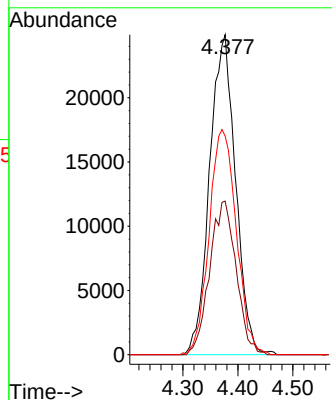
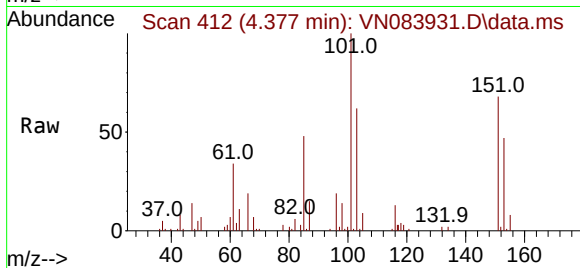
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.152 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.023 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 81674
Ion Ratio Lower Upper
101 100
85 49.1 36.2 54.4
151 73.8 57.7 86.5

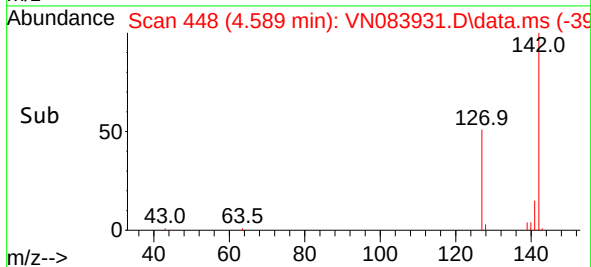
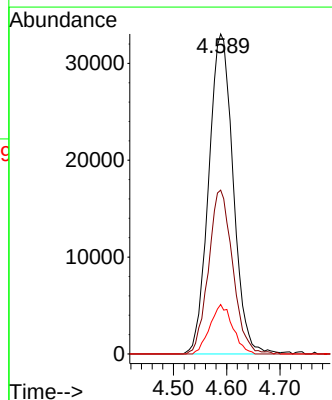
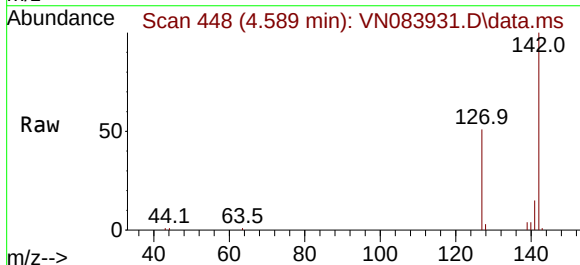
Manual Integrations
APPROVED

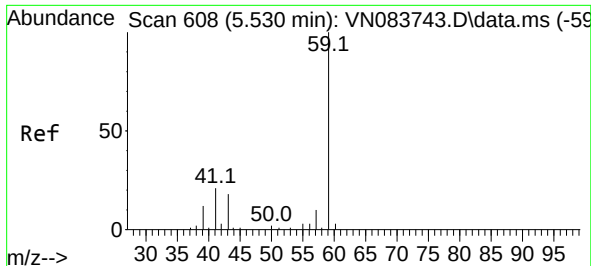
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#10
Methyl Iodide
Concen: 46.831 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Tgt Ion:142 Resp: 105402
Ion Ratio Lower Upper
142 100
127 51.2 37.5 56.3
141 15.5 11.0 16.4





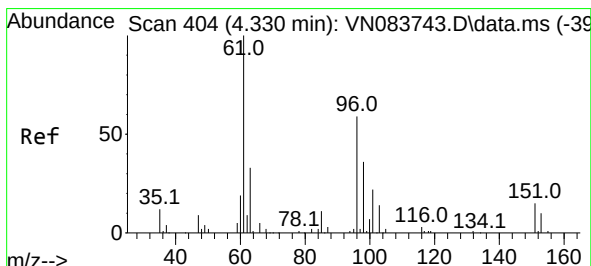
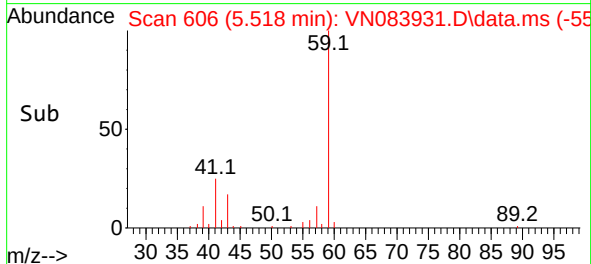
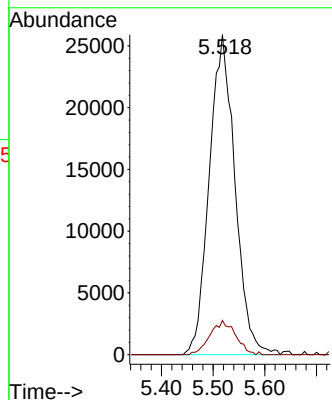
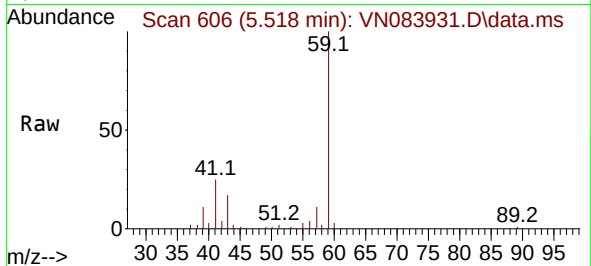
#11
Tert butyl alcohol
Concen: 287.047 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 89559
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

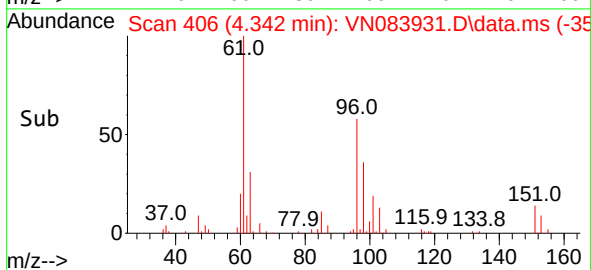
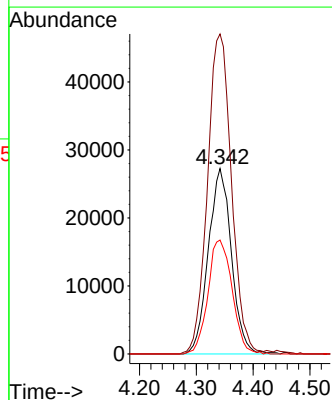
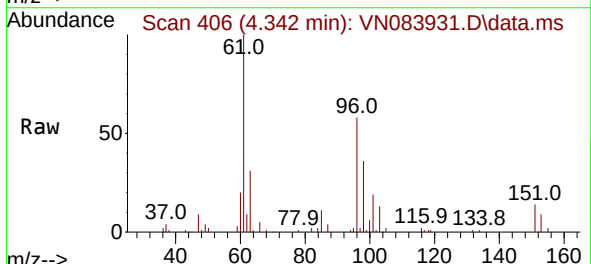
Manual Integrations
APPROVED

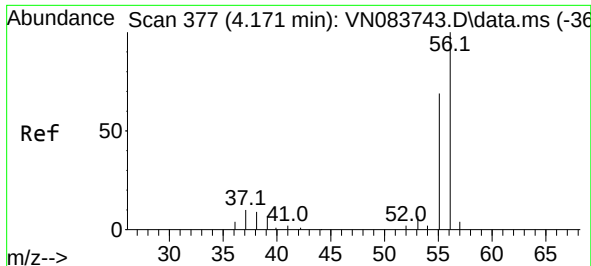
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#12
1,1-Dichloroethene
Concen: 46.103 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Tgt Ion: 96 Resp: 77052
Ion Ratio Lower Upper
96 100
61 172.6 143.4 215.0
98 61.4 52.7 79.1





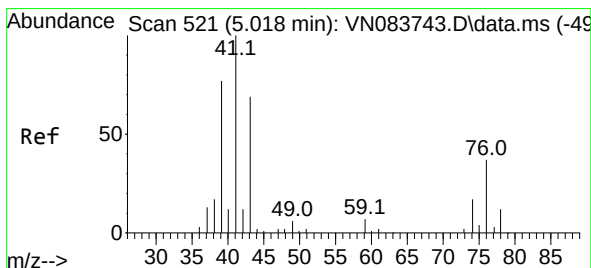
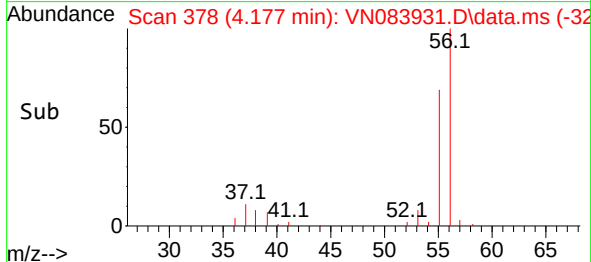
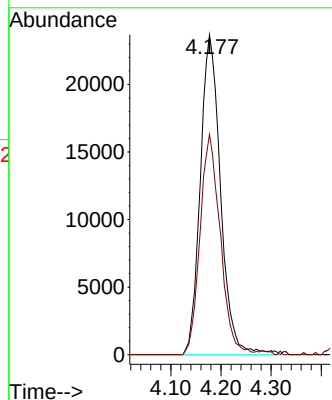
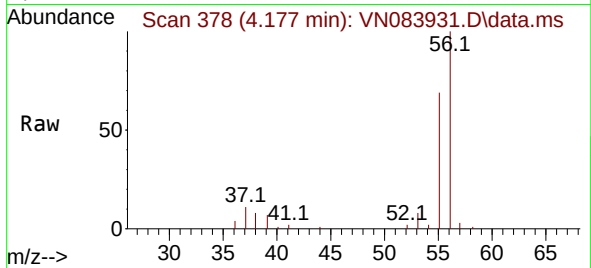
#13
Acrolein
Concen: 215.657 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 6638
Ion Ratio Lower Upper
56 100
55 68.7 58.2 87.2

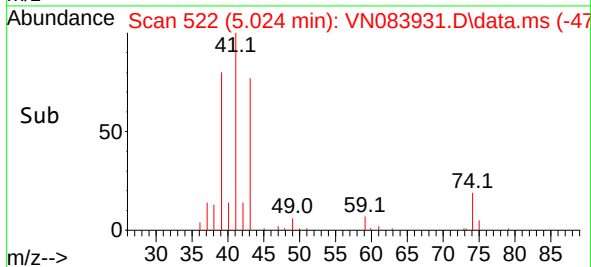
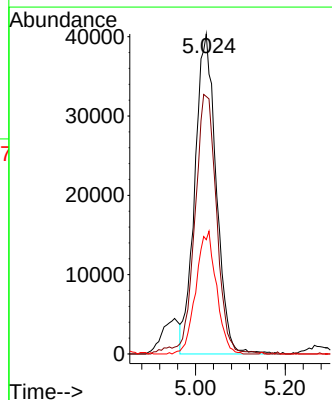
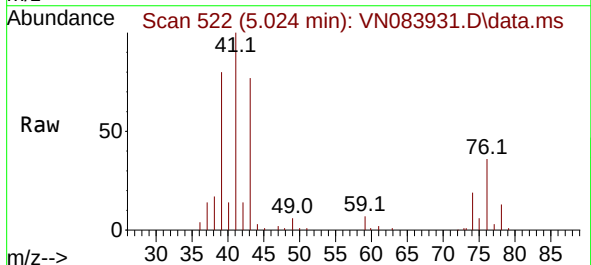
Manual Integrations
APPROVED

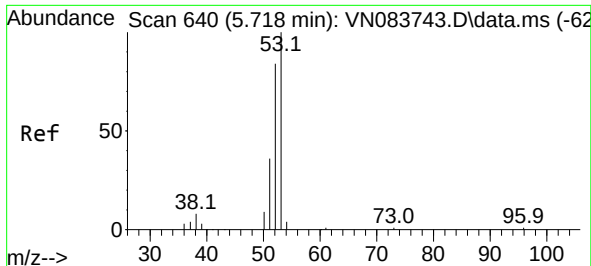
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#14
Allyl chloride
Concen: 44.799 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

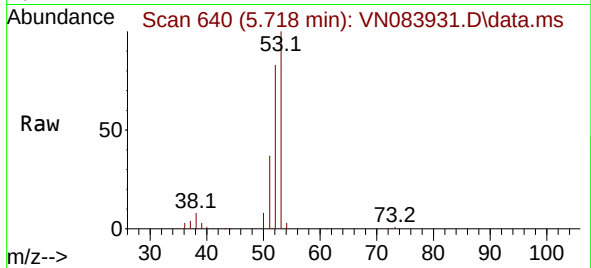
Tgt Ion: 41 Resp: 133411
Ion Ratio Lower Upper
41 100
39 82.9 59.3 88.9
76 36.9 27.7 41.5





#15
Acrylonitrile
Concen: 255.762 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

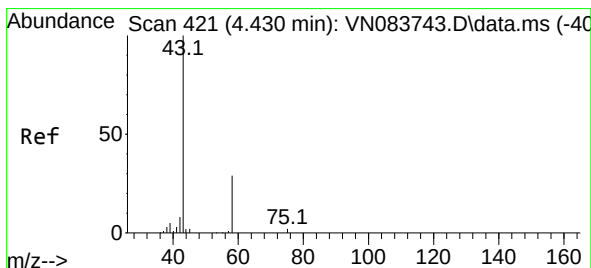
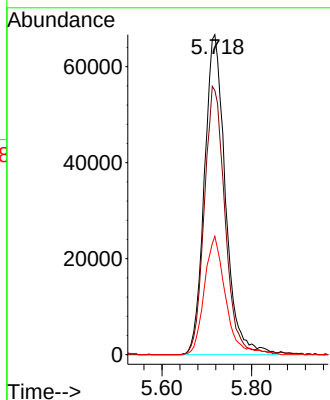
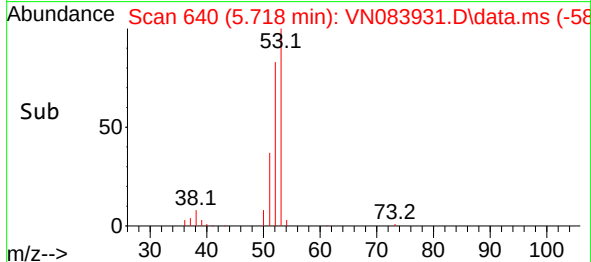
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



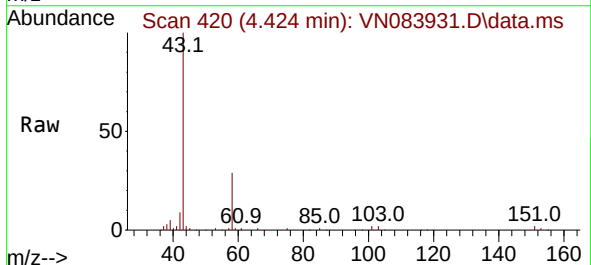
Tgt Ion: 53 Resp: 217012
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 37.5 29.6 44.4

Manual Integrations
APPROVED

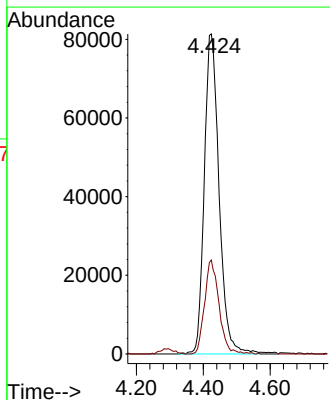
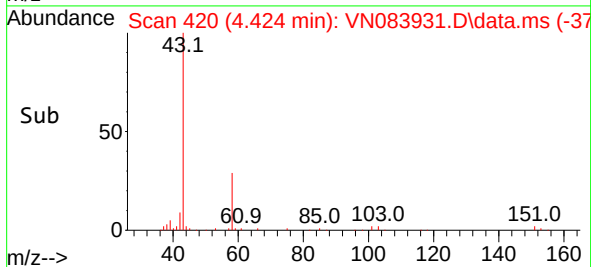
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

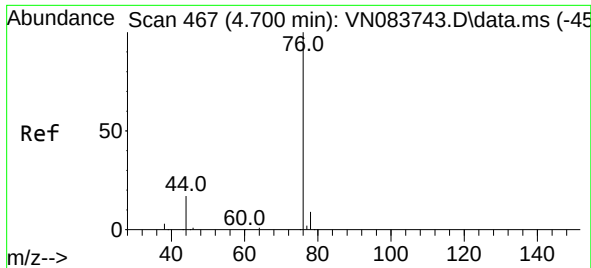


#16
Acetone
Concen: 268.099 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05



Tgt Ion: 43 Resp: 250409
Ion Ratio Lower Upper
43 100
58 29.3 23.7 35.5





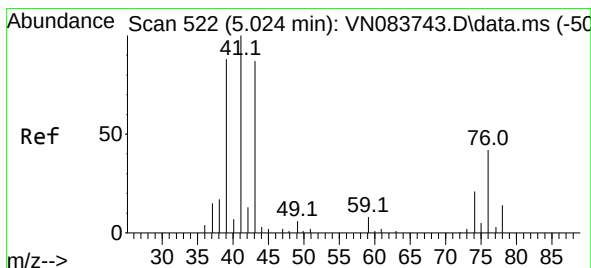
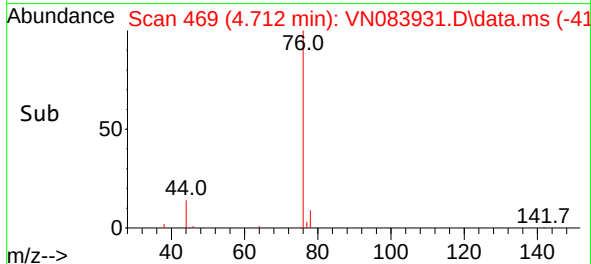
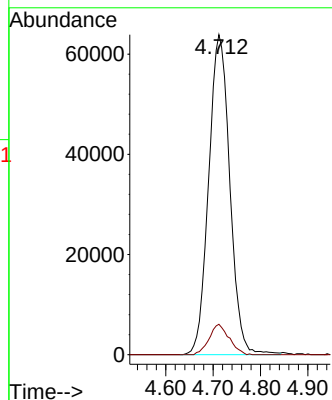
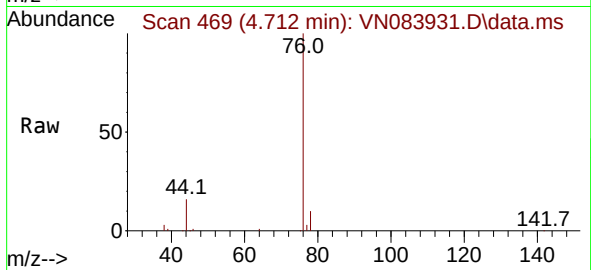
#17
Carbon Disulfide
Concen: 42.400 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 19822
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

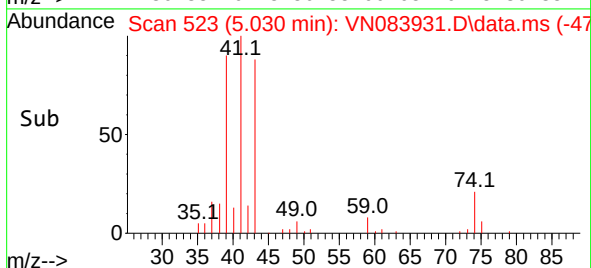
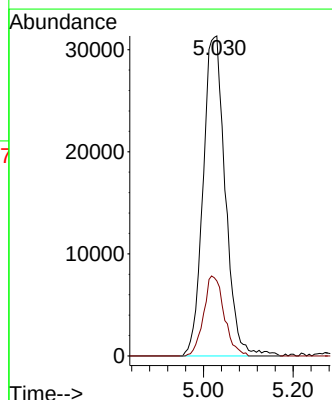
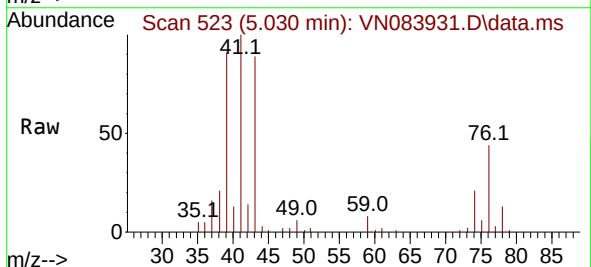
Manual Integrations
APPROVED

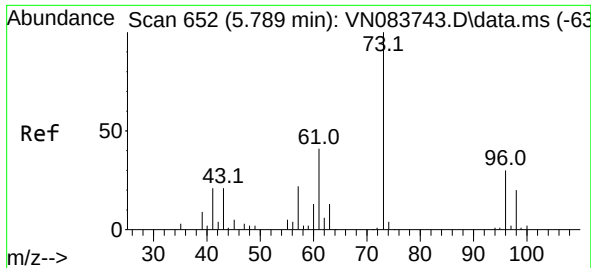
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#18
Methyl Acetate
Concen: 55.389 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Tgt Ion: 43 Resp: 107402
Ion Ratio Lower Upper
43 100
74 23.2 19.0 28.4





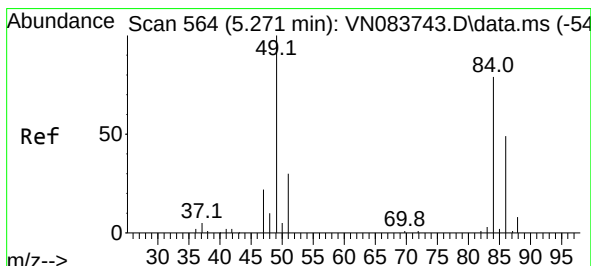
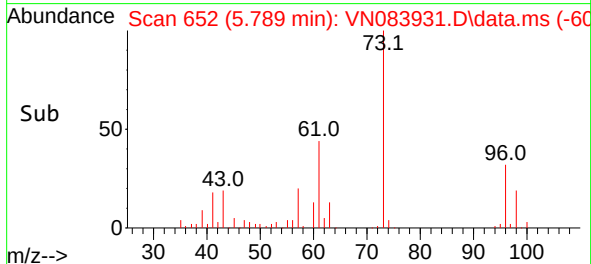
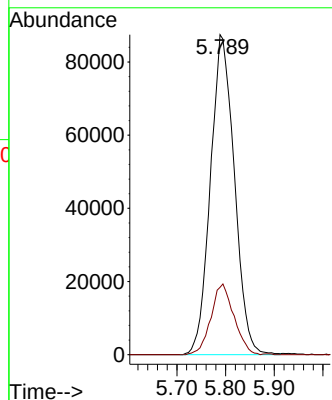
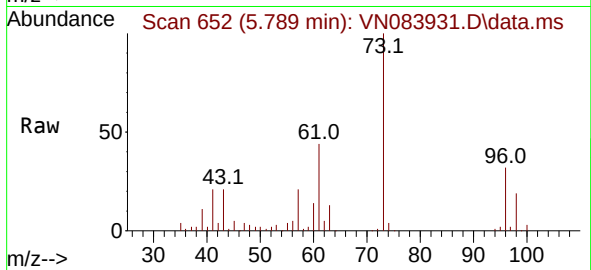
#19
Methyl tert-butyl Ether
Concen: 49.376 ug/l
RT: 5.789 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 29861
Ion Ratio Lower Upper
73 100
57 21.1 17.0 25.6

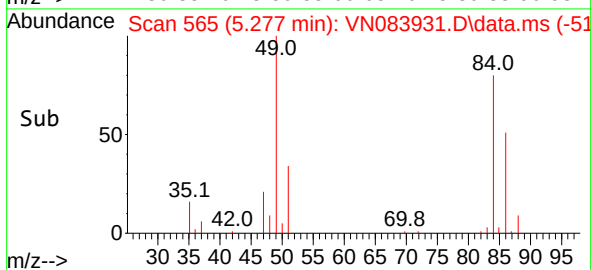
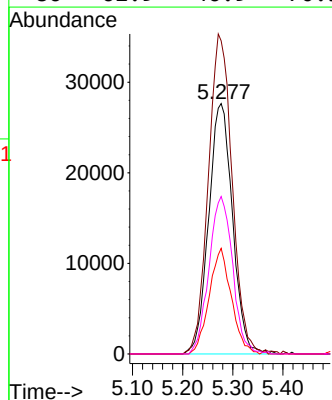
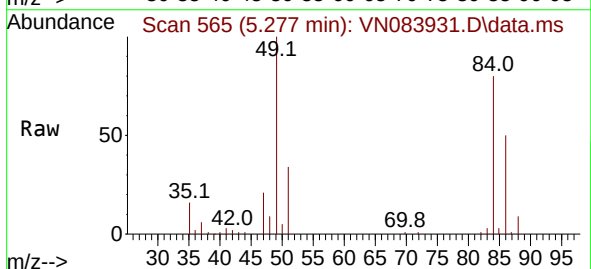
Manual Integrations
APPROVED

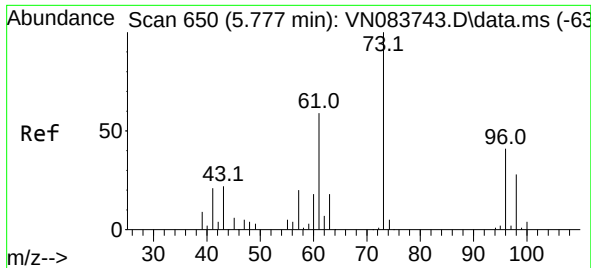
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#20
Methylene Chloride
Concen: 47.825 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Tgt Ion: 84 Resp: 91410
Ion Ratio Lower Upper
84 100
49 125.1 93.4 140.0
51 42.2 29.2 43.8
86 62.9 46.9 70.3





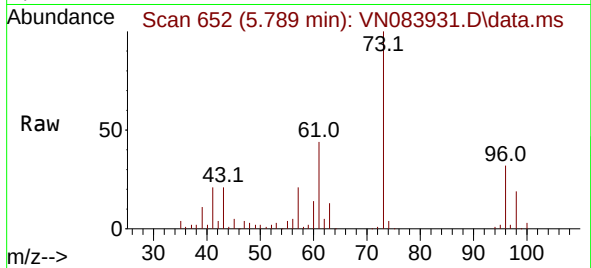
#21
trans-1,2-Dichloroethene
Concen: 46.157 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



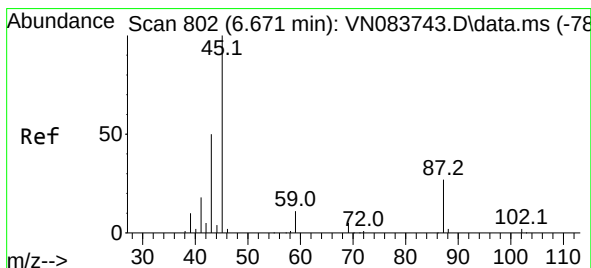
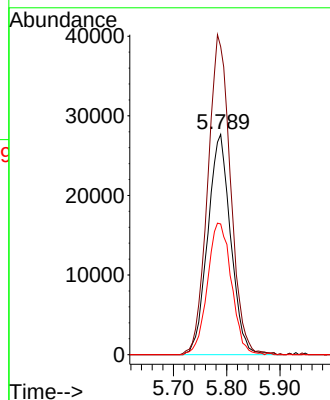
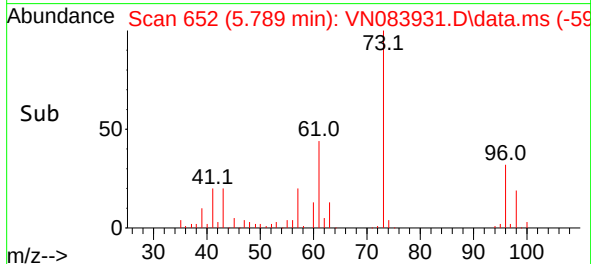
Tgt Ion: 96 Resp: 8267
Ion Ratio Lower Upper
96 100
61 139.7 106.0 159.0
98 59.3 52.2 78.2

Manual Integrations

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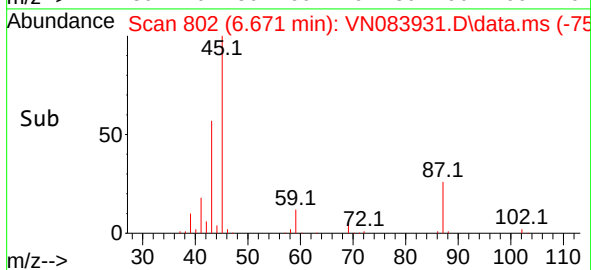
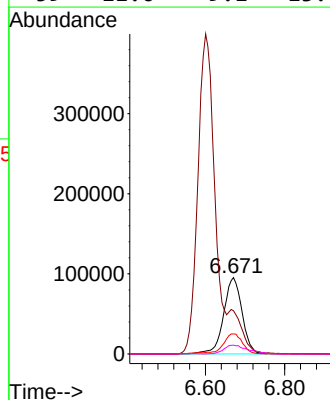
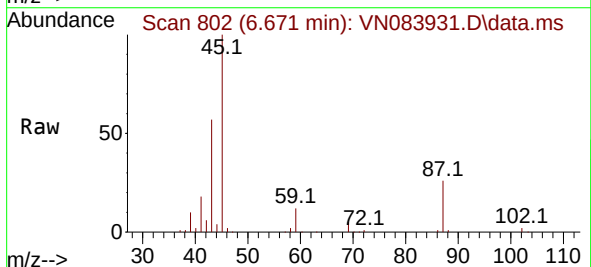
Reviewed By :John Carlone 09/18/2024

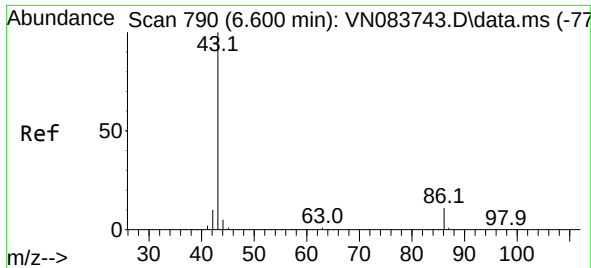
Supervised By :Mahesh Dadoda 09/18/2024



#22
Diisopropyl ether
Concen: 50.211 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Tgt Ion: 45 Resp: 307809
Ion Ratio Lower Upper
45 100
43 55.8 43.4 65.0
87 26.2 22.6 33.8
59 11.6 9.1 13.7





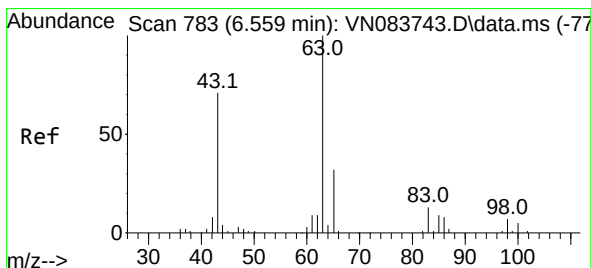
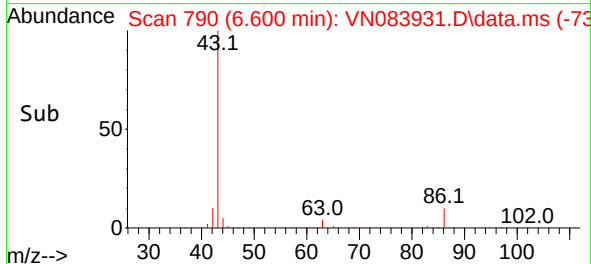
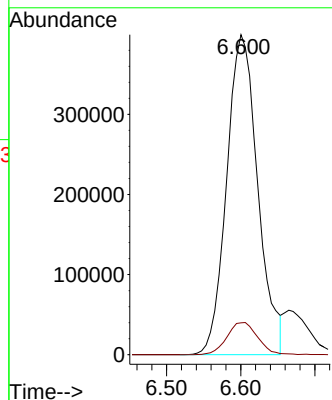
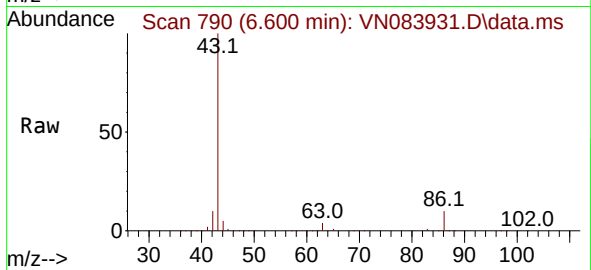
#23
 Vinyl Acetate
 Concen: 259.525 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN083931.D
 Acq: 17 Sep 2024 09:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 116510
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.7 13.1

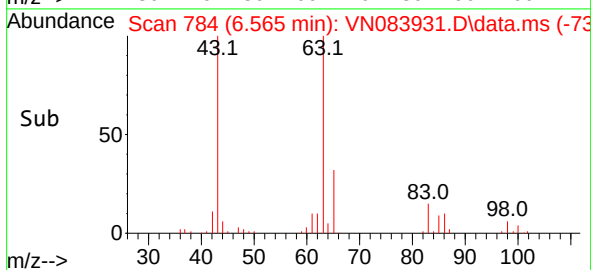
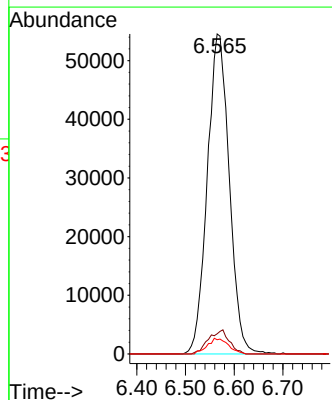
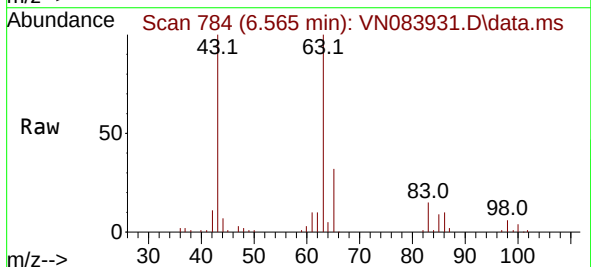
Manual Integrations
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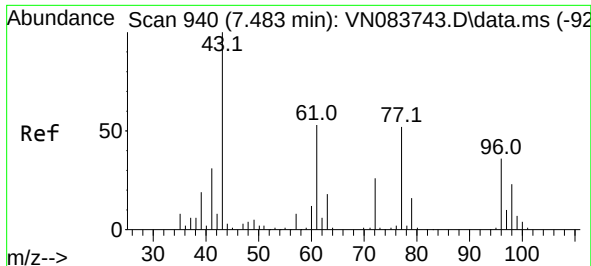
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024



#24
 1,1-Dichloroethane
 Concen: 48.348 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.006 min
 Lab File: VN083931.D
 Acq: 17 Sep 2024 09:05

Tgt Ion: 63 Resp: 170758
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 4.4 2.5 7.5





#25

2-Butanone

Concen: 261.476 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN083931.D

Acq: 17 Sep 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 32099

Ion Ratio Lower Upper

43 100

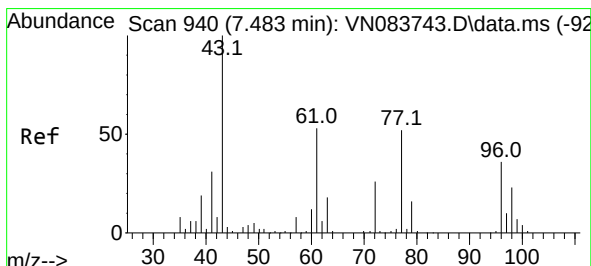
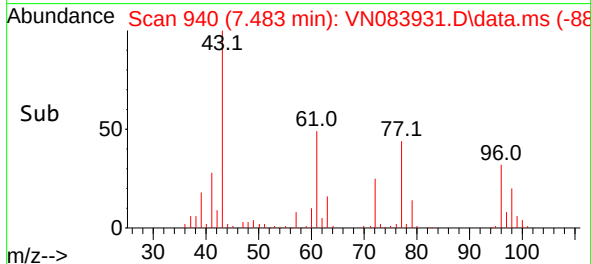
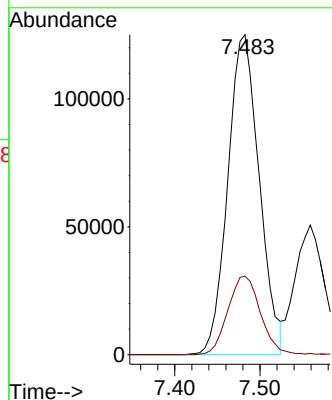
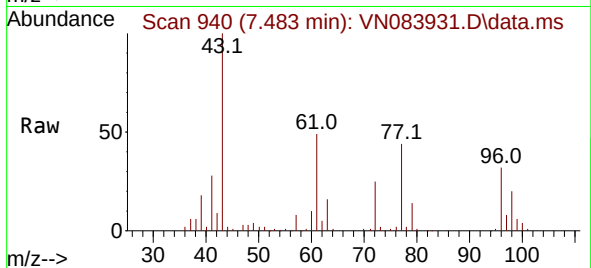
72 24.6 20.8 31.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#26

2,2-Dichloropropane

Concen: 48.478 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN083931.D

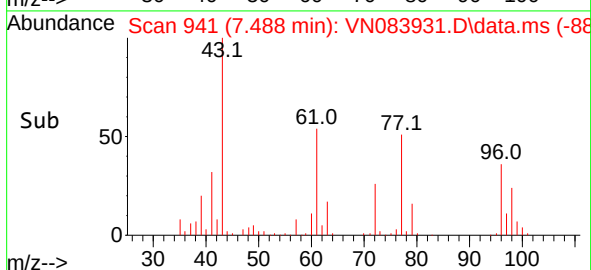
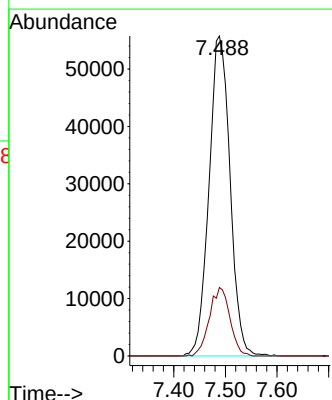
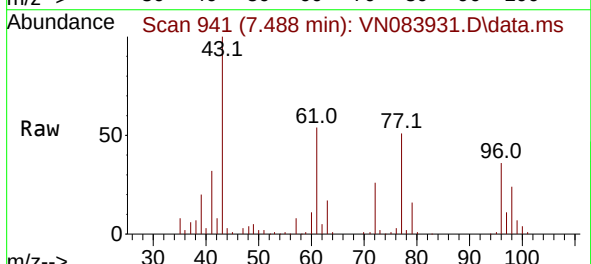
Acq: 17 Sep 2024 09:05

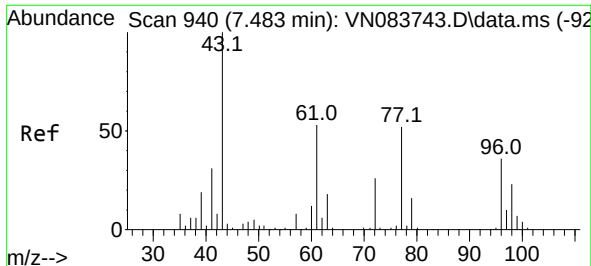
Tgt Ion: 77 Resp: 157676

Ion Ratio Lower Upper

77 100

97 20.9 10.2 30.4





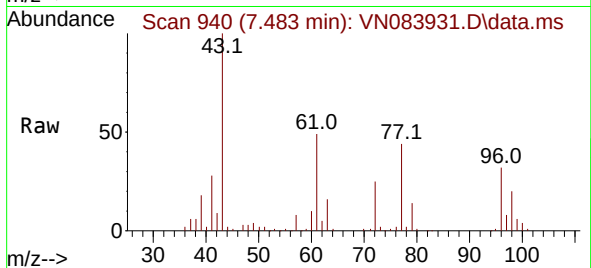
#27
 cis-1,2-Dichloroethene
 Concen: 48.403 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN083931.D
 Acq: 17 Sep 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



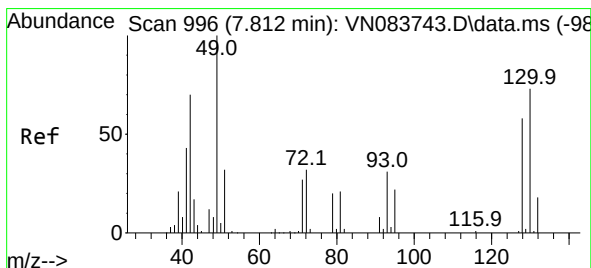
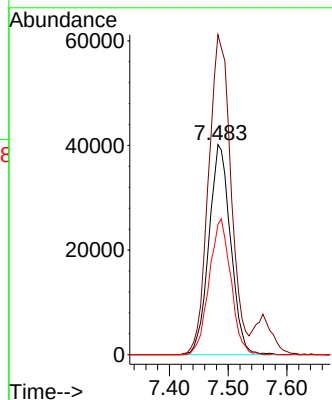
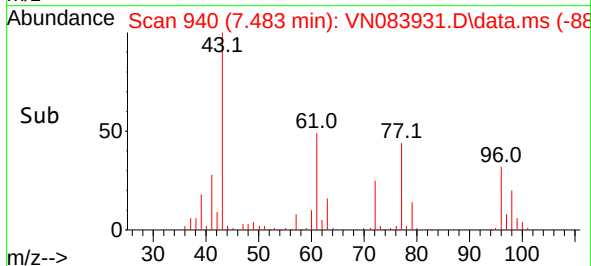
Tgt Ion: 96 Resp: 102915
 Ion Ratio Lower Upper
 96 100
 61 157.6 0.0 306.2
 98 64.5 0.0 128.6

Manual Integrations

APPROVED

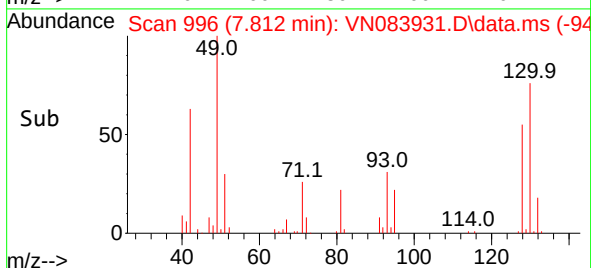
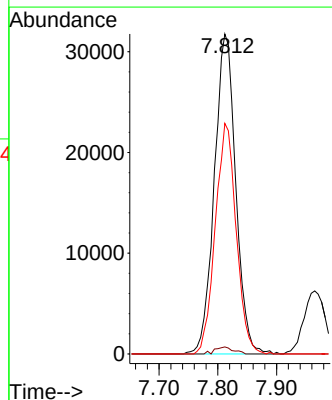
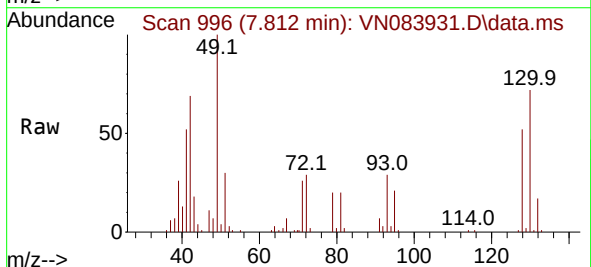
Reviewed By :John Carlone 09/18/2024

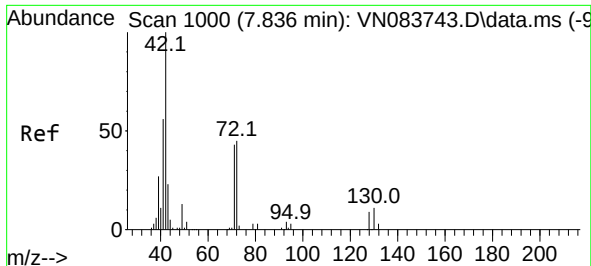
Supervised By :Mahesh Dadoda 09/18/2024



#28
 Bromochloromethane
 Concen: 54.034 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN083931.D
 Acq: 17 Sep 2024 09:05

Tgt Ion: 49 Resp: 80367
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 70.4 60.2 90.2





#29

Tetrahydrofuran

Concen: 263.912 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN083931.D

Acq: 17 Sep 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 19156

Ion Ratio Lower Upper

42 100

72 44.5 35.9 53.9

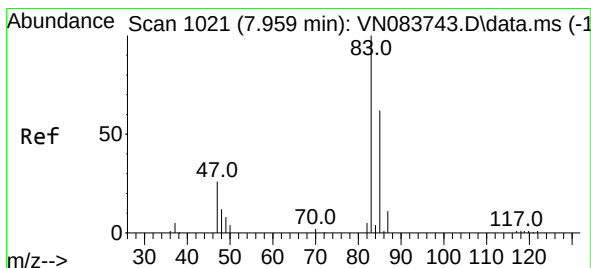
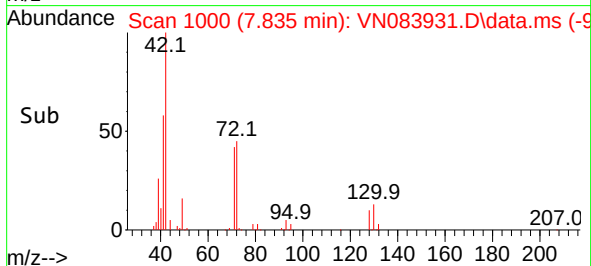
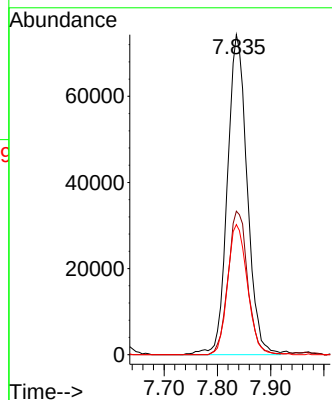
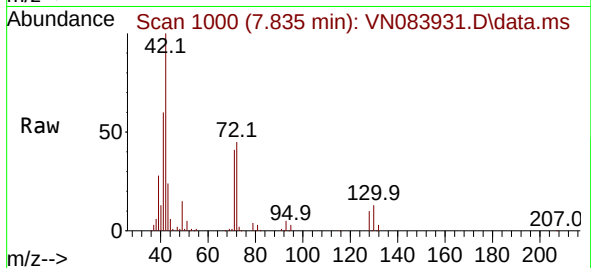
71 40.9 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#30

Chloroform

Concen: 48.557 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN083931.D

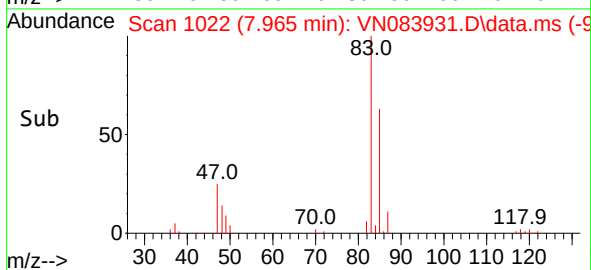
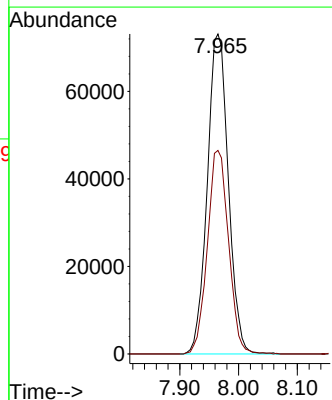
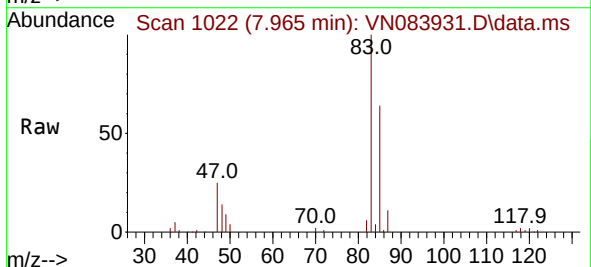
Acq: 17 Sep 2024 09:05

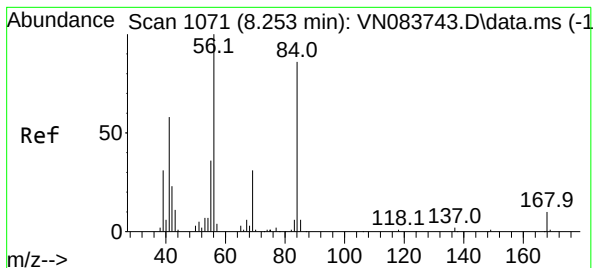
Tgt Ion: 83 Resp: 182068

Ion Ratio Lower Upper

83 100

85 63.6 52.8 79.2





#31

Cyclohexane

Concen: 41.304 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN083931.D

Acq: 17 Sep 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 13908

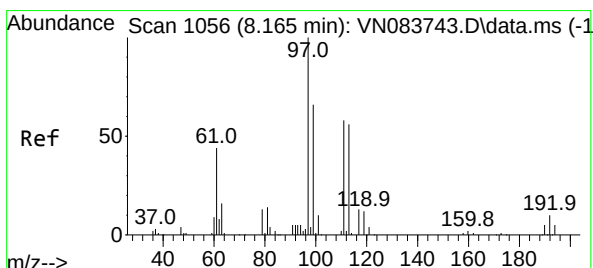
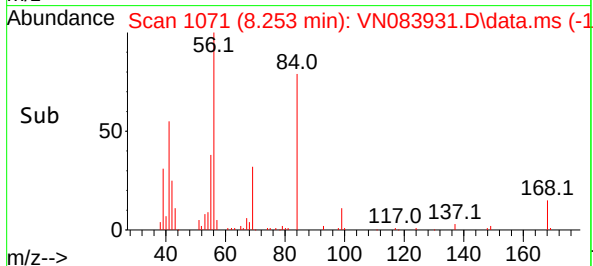
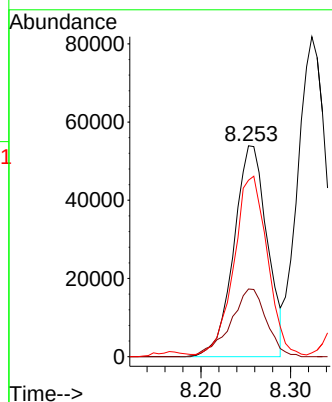
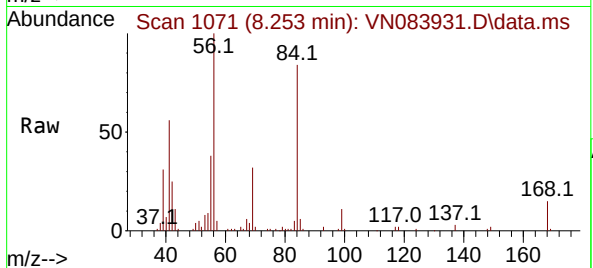
Ion	Ratio	Lower	Upper
56	100		
69	32.1	26.9	40.3
84	82.0	69.2	103.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#32

1,1,1-Trichloroethane

Concen: 47.974 ug/l

RT: 8.171 min Scan# 1057

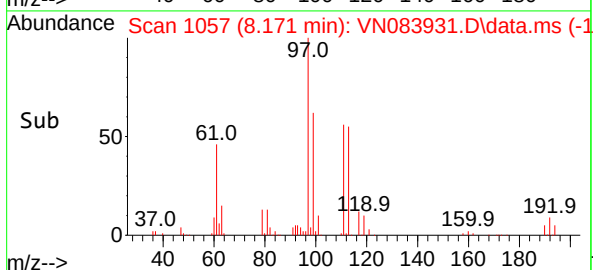
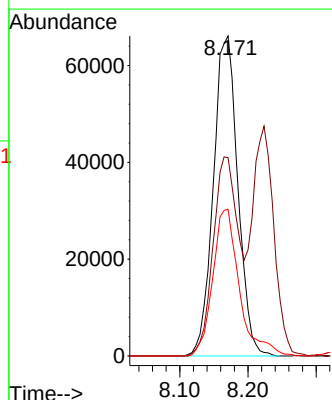
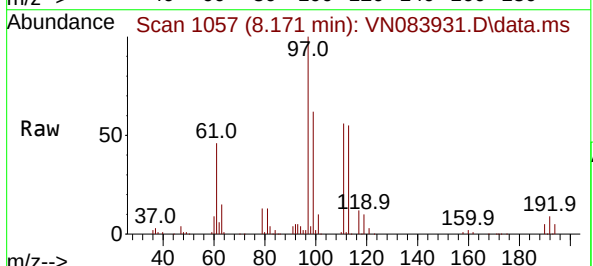
Delta R.T. 0.006 min

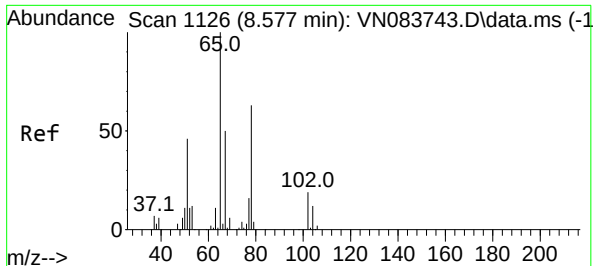
Lab File: VN083931.D

Acq: 17 Sep 2024 09:05

Tgt Ion: 97 Resp: 165402

Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.3	78.5
61	50.0	38.2	57.2





#33
1,2-Dichloroethane-d4
Concen: 53.341 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

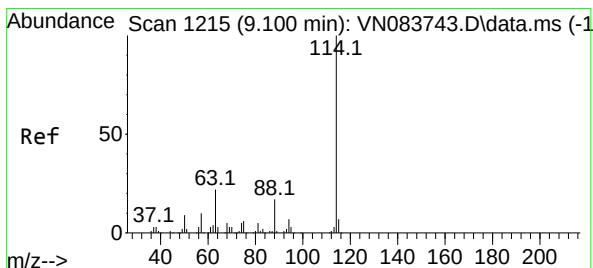
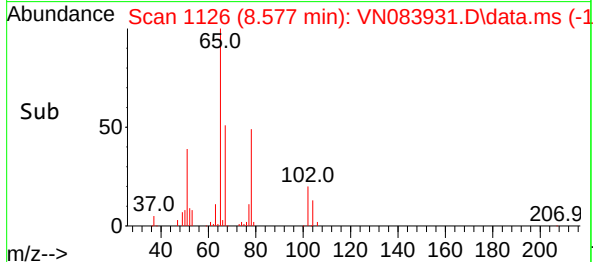
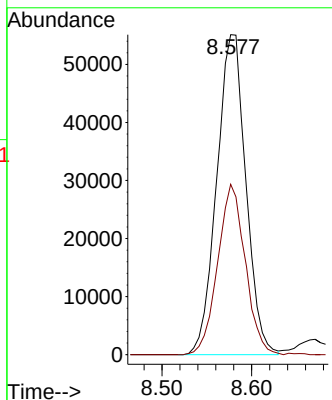
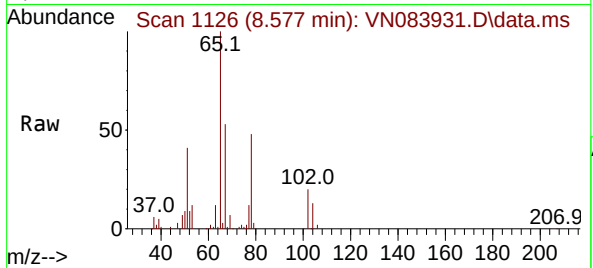
Tgt Ion: 65 Resp: 12428
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8

Manual Integrations

APPROVED

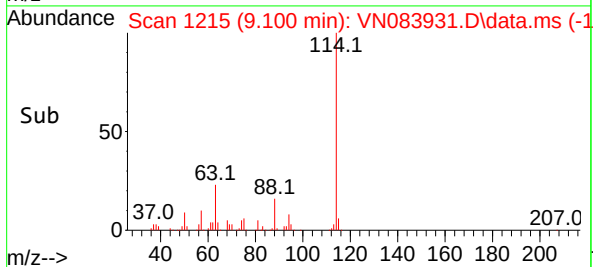
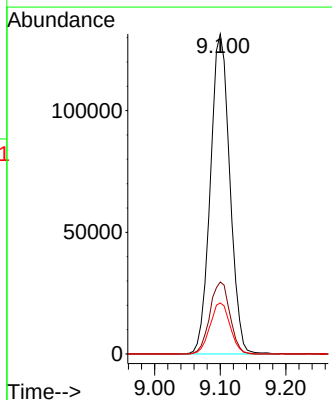
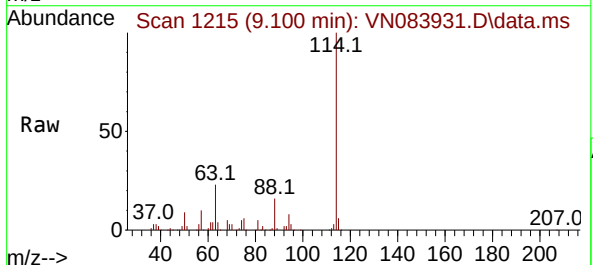
Reviewed By :John Carlone 09/18/2024

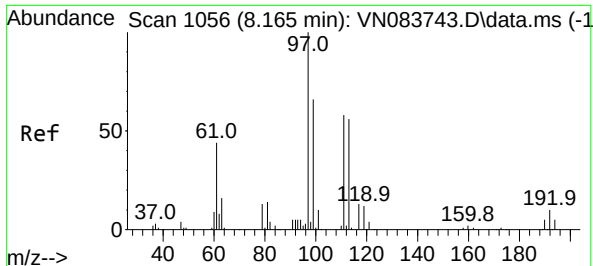
Supervised By :Mahesh Dadoda 09/18/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

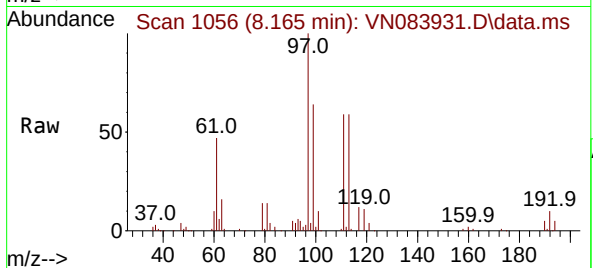
Tgt Ion:114 Resp: 270775
Ion Ratio Lower Upper
114 100
63 22.5 0.0 43.4
88 15.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.892 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

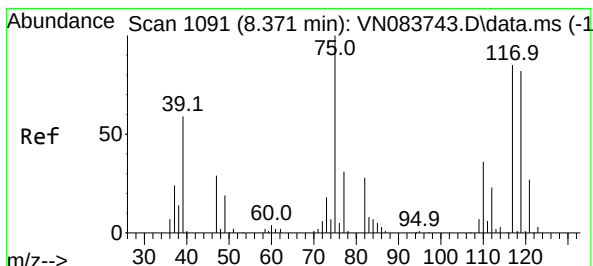
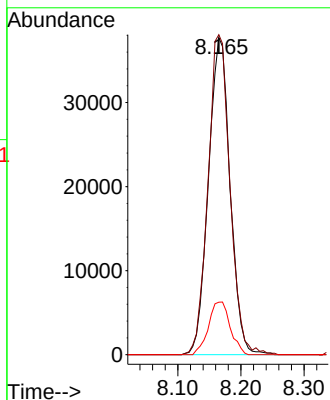
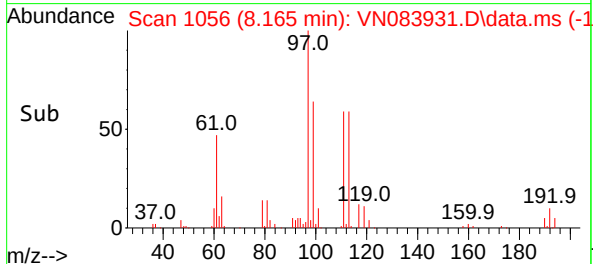
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



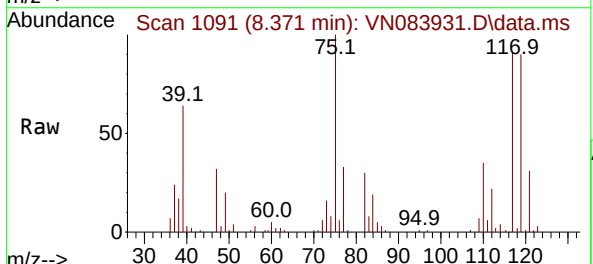
Tgt Ion: 113 Resp: 8995
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 16.7 14.3 21.5

Manual Integrations
APPROVED

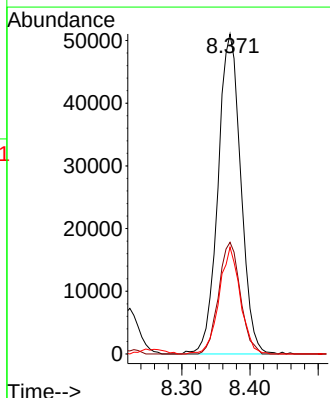
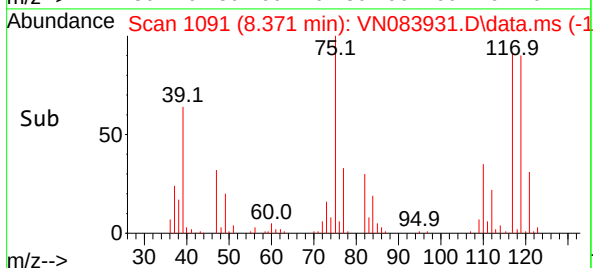
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

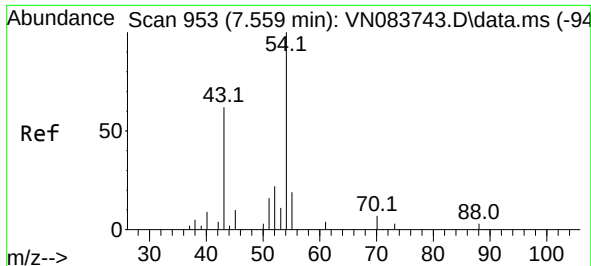


#36
1,1-Dichloropropene
Concen: 45.466 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05



Tgt Ion: 75 Resp: 118626
Ion Ratio Lower Upper
75 100
110 33.2 16.7 50.1
77 31.0 25.2 37.8





#37

Ethyl Acetate

Concen: 53.403 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN083931.D

Acq: 17 Sep 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 126474

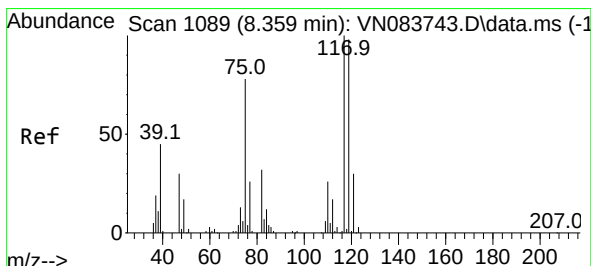
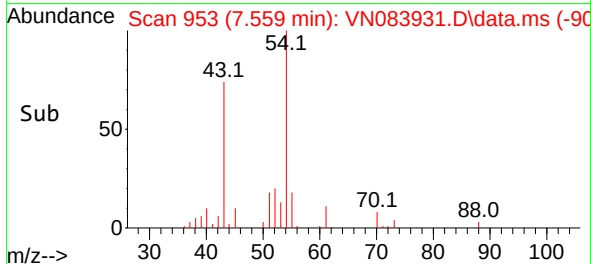
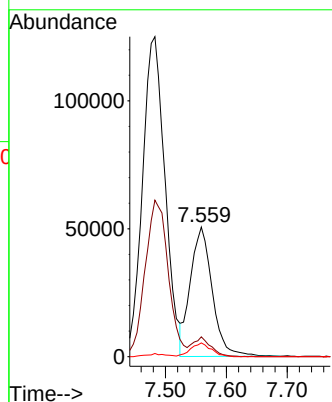
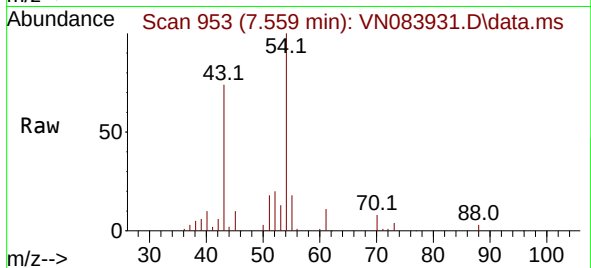
Ion	Ratio	Lower	Upper
43	100		
61	12.6	11.1	16.7
70	9.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#38

Carbon Tetrachloride

Concen: 47.296 ug/l

RT: 8.359 min Scan# 1089

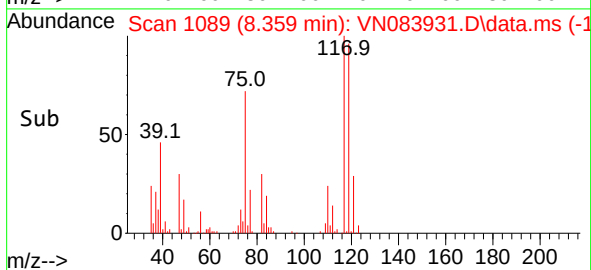
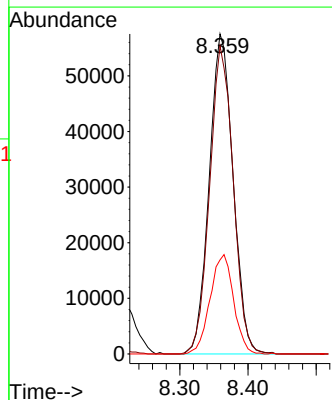
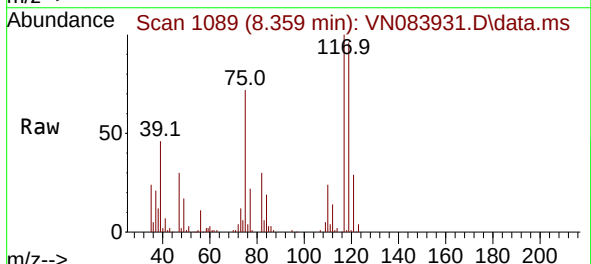
Delta R.T. -0.000 min

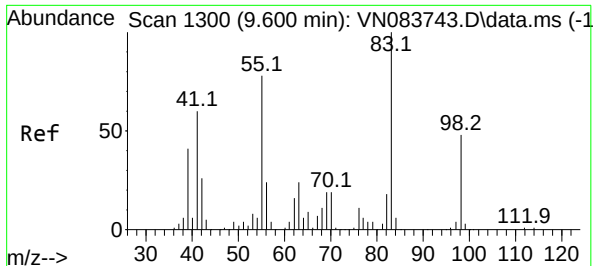
Lab File: VN083931.D

Acq: 17 Sep 2024 09:05

Tgt Ion:117 Resp: 139996

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.1	114.1
121	29.4	24.1	36.1





#39

Methylcyclohexane

Concen: 44.058 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083931.D

Acq: 17 Sep 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 13084

Ion Ratio Lower Upper

83 100

55 81.4 62.2 93.4

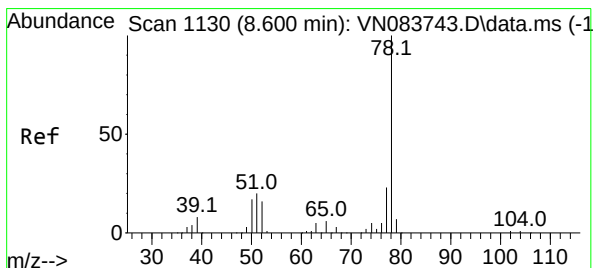
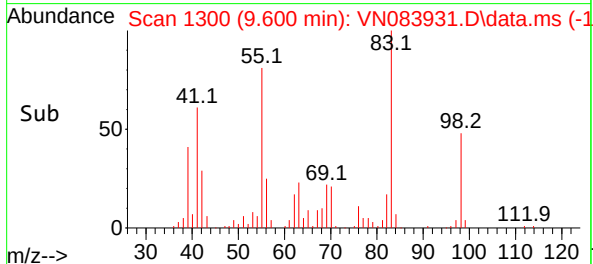
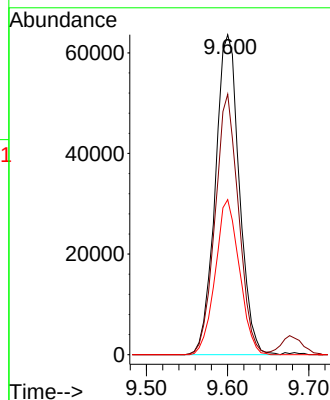
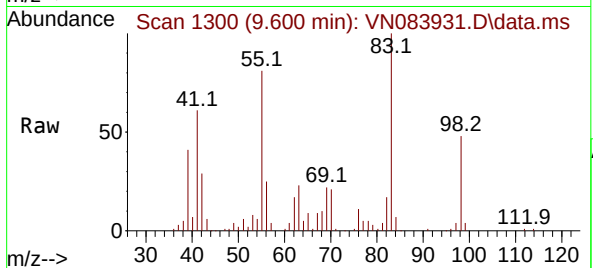
98 48.5 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#40

Benzene

Concen: 47.122 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN083931.D

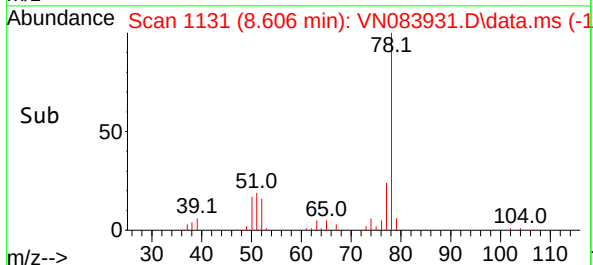
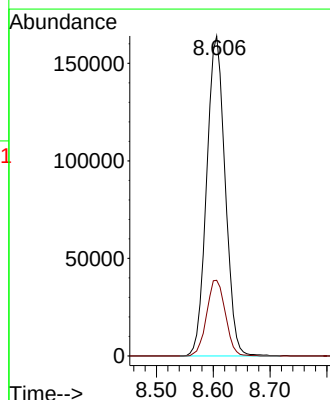
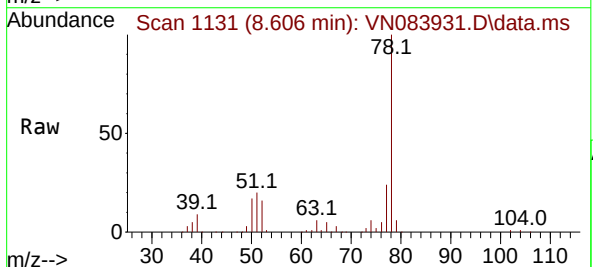
Acq: 17 Sep 2024 09:05

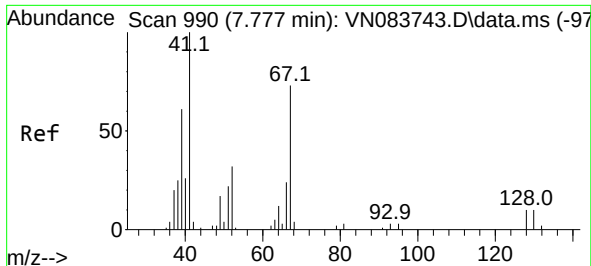
Tgt Ion: 78 Resp: 370051

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 52.027 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

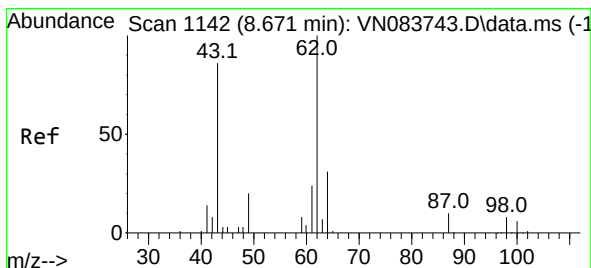
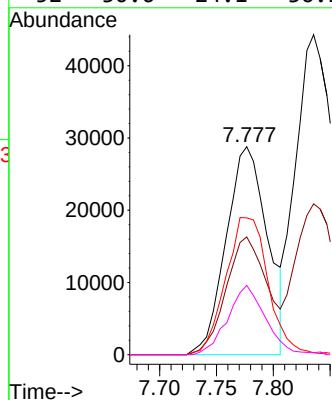
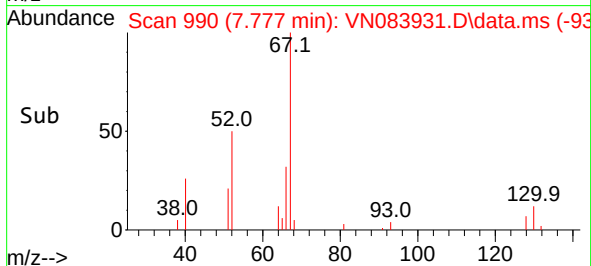
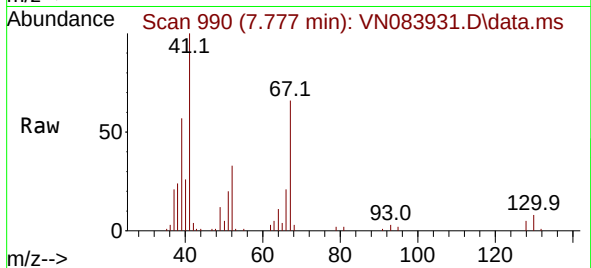
Tgt Ion: 41	Resp: 72870
Ion Ratio	Lower Upper
41	100
39	56.5 45.4 68.2
67	67.9 55.9 83.9
52	30.6 24.1 36.1

Manual Integrations

APPROVED

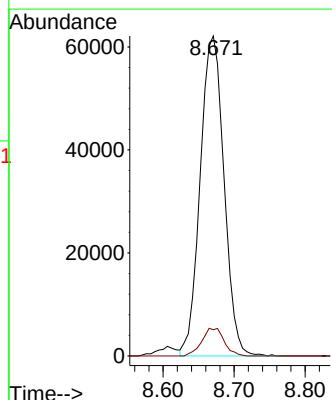
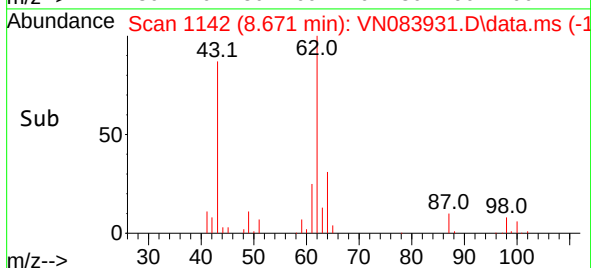
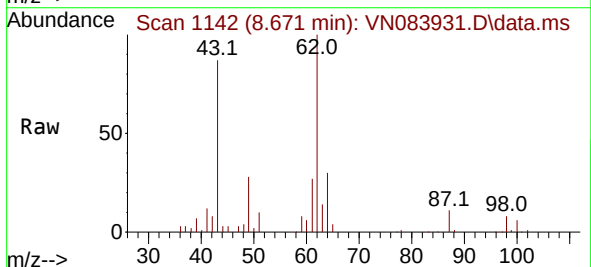
Reviewed By :John Carlone 09/18/2024

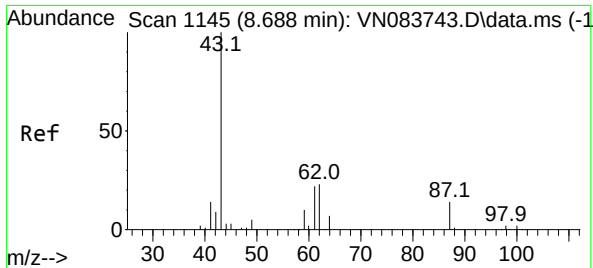
Supervised By :Mahesh Dadoda 09/18/2024



#42
1,2-Dichloroethane
Concen: 49.420 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Tgt Ion: 62	Resp: 145019
Ion Ratio	Lower Upper
62	100
98	8.1 0.0 16.6





#43

Isopropyl Acetate

Concen: 52.621 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN083931.D

Acq: 17 Sep 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 22583

Ion Ratio Lower Upper

43 100

61 24.8 19.4 29.0

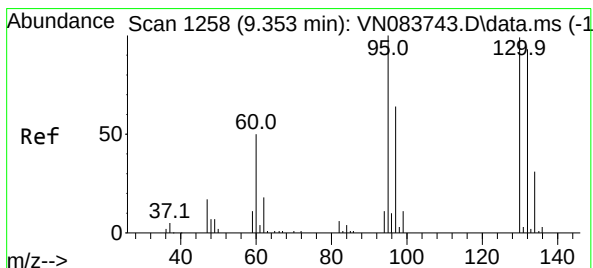
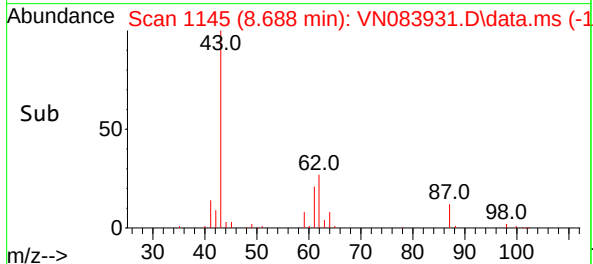
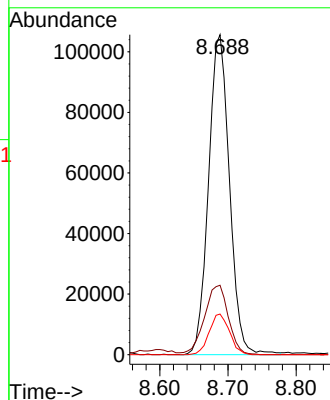
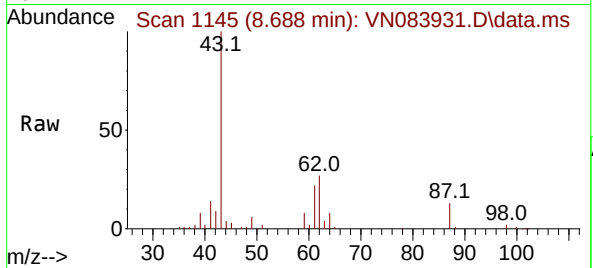
87 12.3 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#44

Trichloroethene

Concen: 48.663 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN083931.D

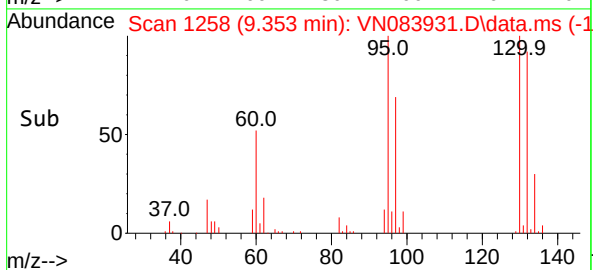
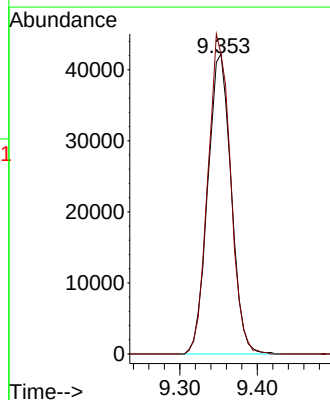
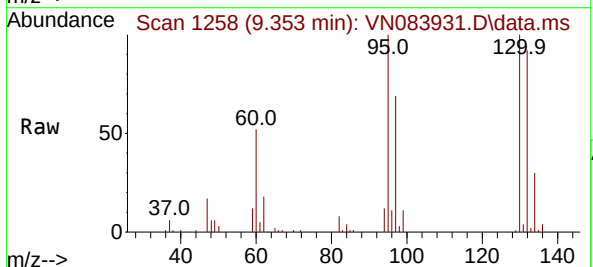
Acq: 17 Sep 2024 09:05

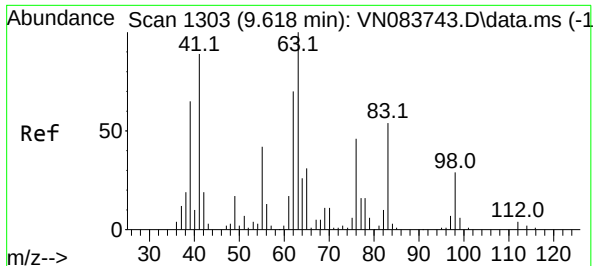
Tgt Ion:130 Resp: 88497

Ion Ratio Lower Upper

130 100

95 99.8 0.0 200.4





#45
1,2-Dichloropropane
Concen: 47.861 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

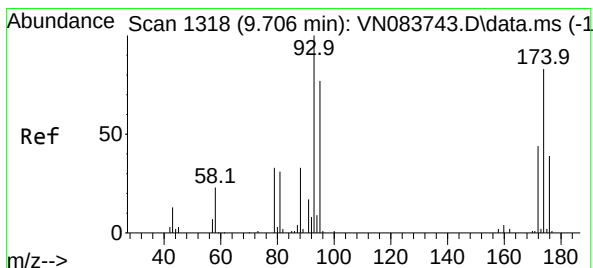
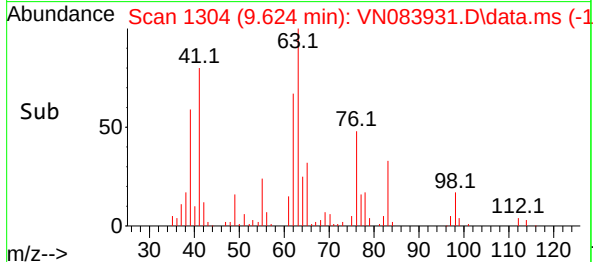
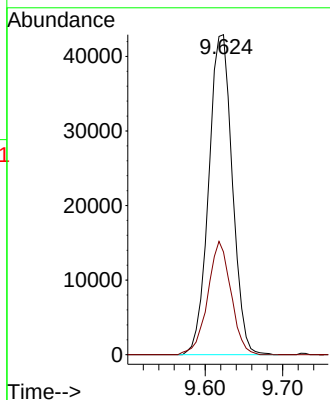
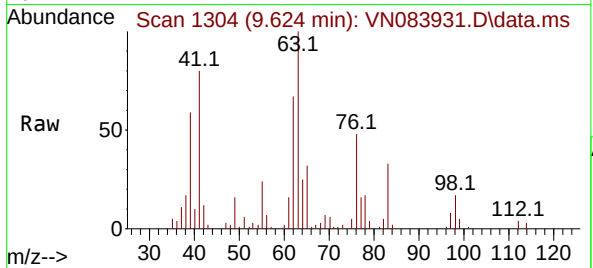
Tgt Ion: 63 Resp: 9084
Ion Ratio Lower Upper
63 100
65 32.1 25.9 38.9

Manual Integrations

APPROVED

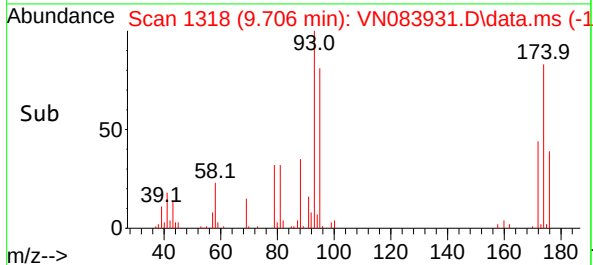
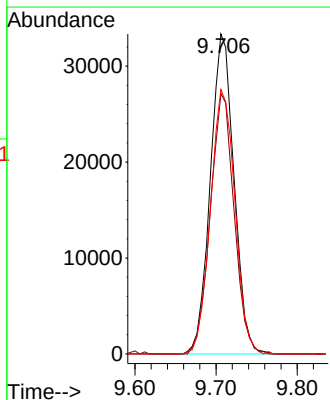
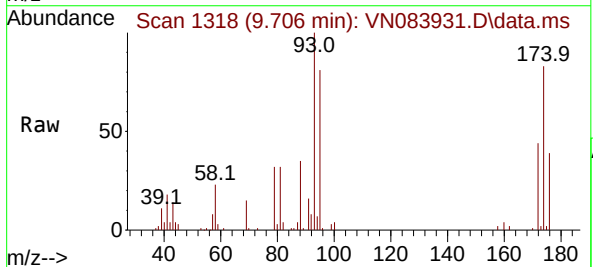
Reviewed By :John Carlone 09/18/2024

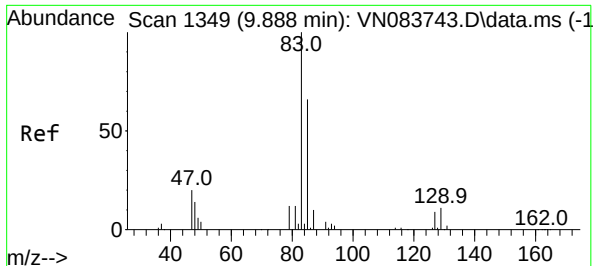
Supervised By :Mahesh Dadoda 09/18/2024



#46
Dibromomethane
Concen: 50.778 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

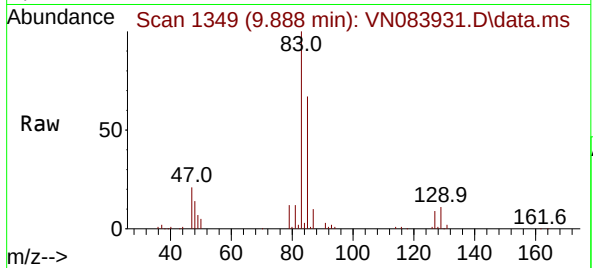
Tgt Ion: 93 Resp: 67508
Ion Ratio Lower Upper
93 100
95 81.8 65.3 97.9
174 85.4 71.0 106.4





#47
Bromodichloromethane
Concen: 51.038 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

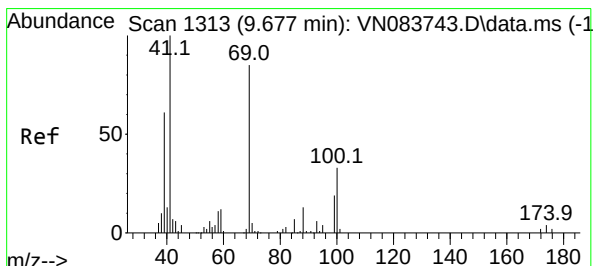
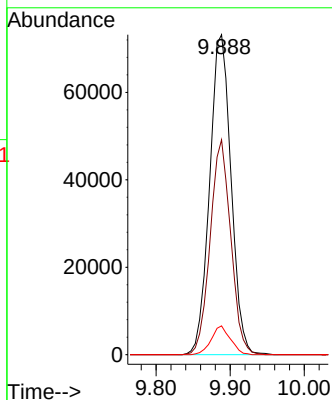
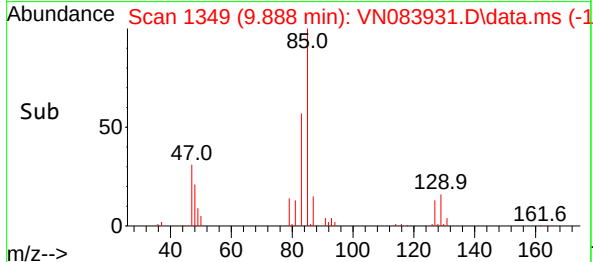
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



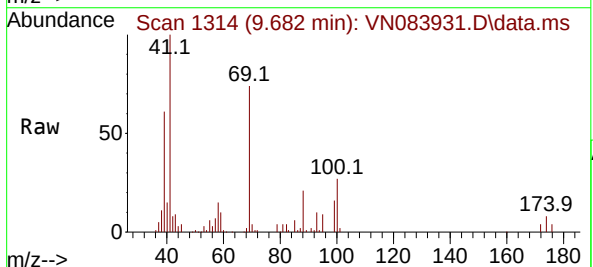
Tgt Ion: 83 Resp: 146848
Ion Ratio Lower Upper
83 100
85 67.2 51.8 77.8
127 9.0 6.6 9.8

Manual Integrations
APPROVED

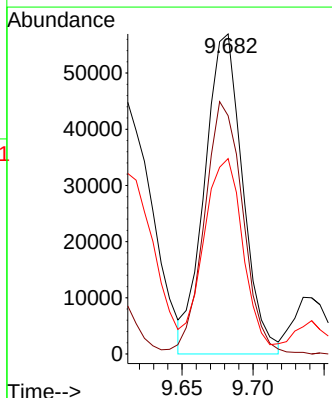
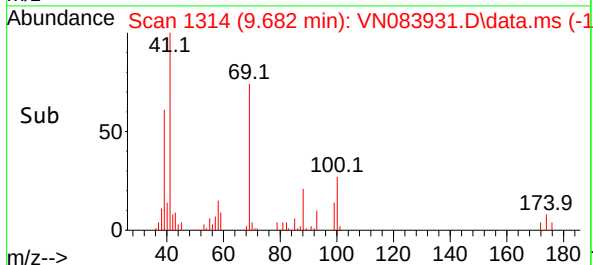
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

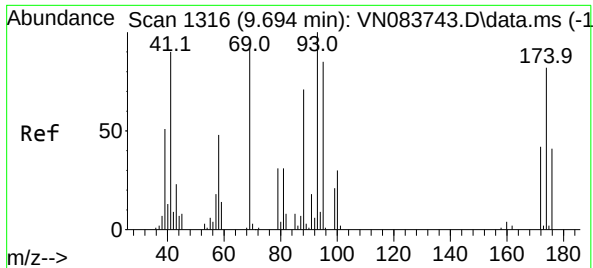


#48
Methyl methacrylate
Concen: 52.069 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05



Tgt Ion: 41 Resp: 106020
Ion Ratio Lower Upper
41 100
69 80.0 64.3 96.5
39 64.6 48.9 73.3





#49

1,4-Dioxane

Concen: 1022.127 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN083931.D

Acq: 17 Sep 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3423

Ion Ratio Lower Upper

88 100

43 34.6 0.0 0.0

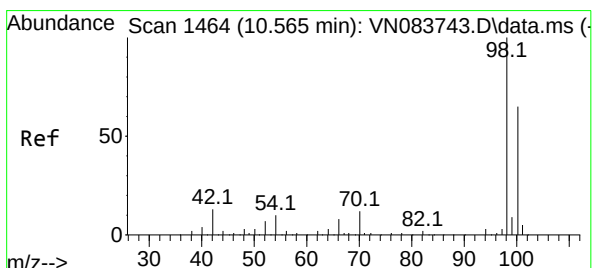
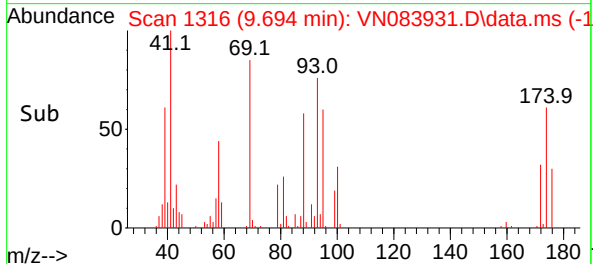
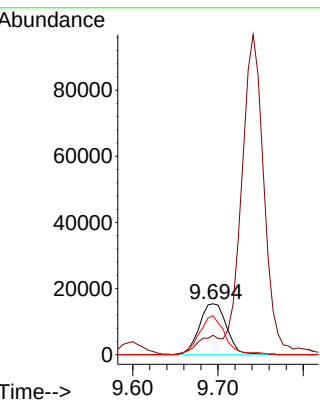
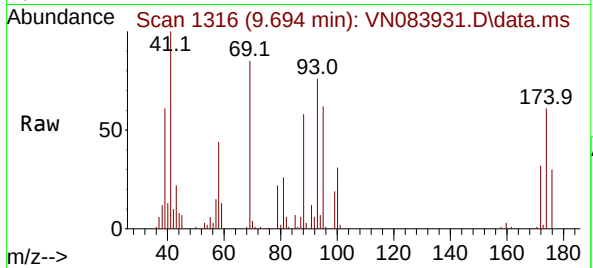
58 72.5 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#50

Toluene-d8

Concen: 54.477 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083931.D

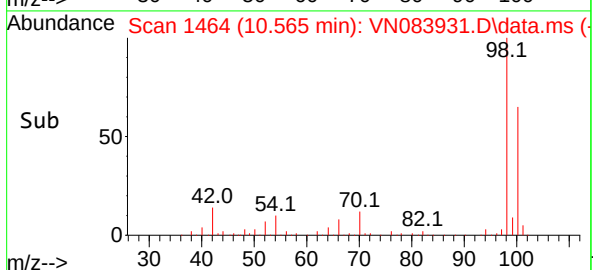
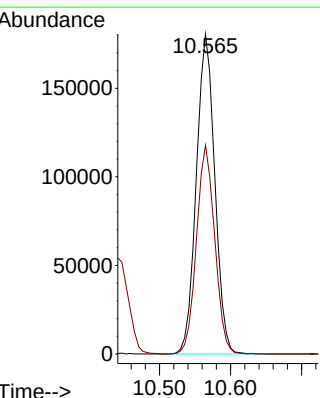
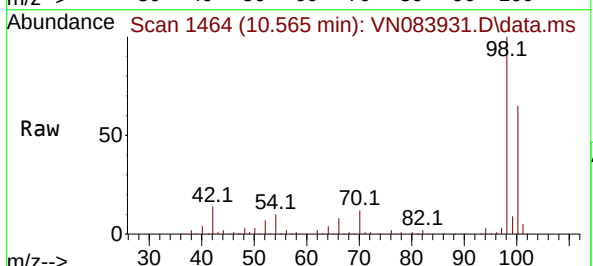
Acq: 17 Sep 2024 09:05

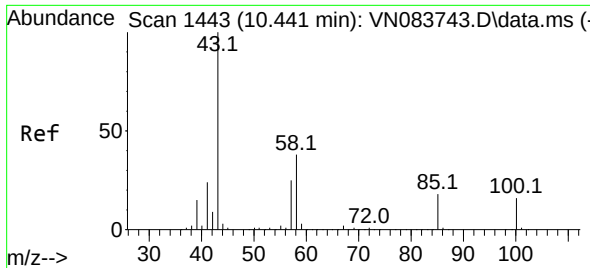
Tgt Ion: 98 Resp: 326466

Ion Ratio Lower Upper

98 100

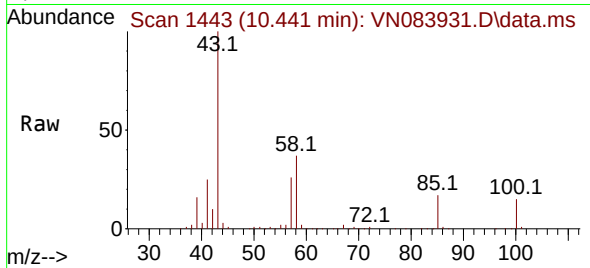
100 64.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 273.715 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

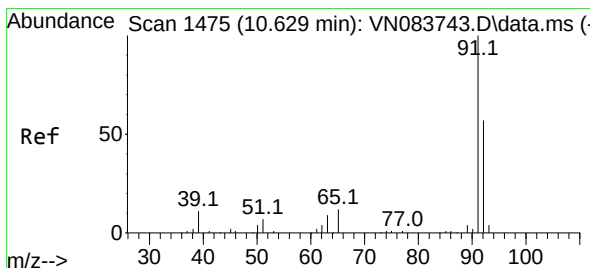
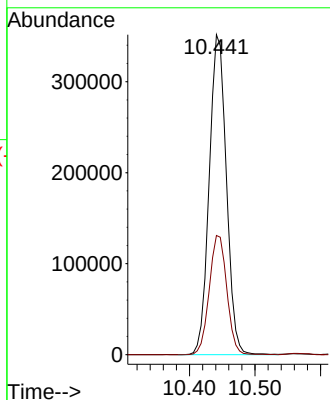
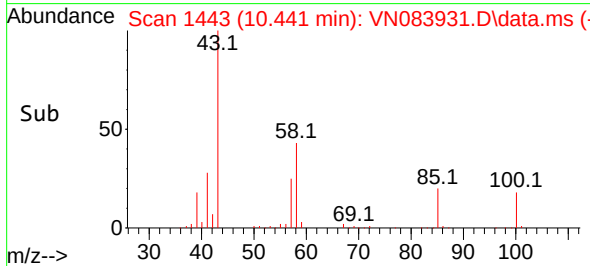
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



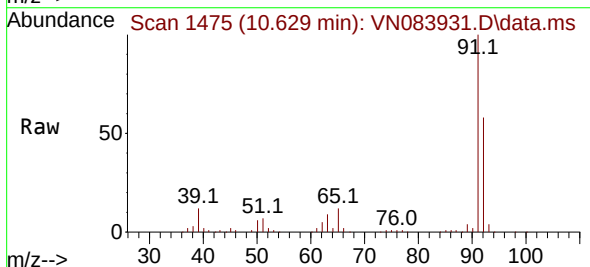
Tgt Ion: 43 Resp: 63944
Ion Ratio Lower Upper
43 100
58 38.1 31.6 47.4

Manual Integrations
APPROVED

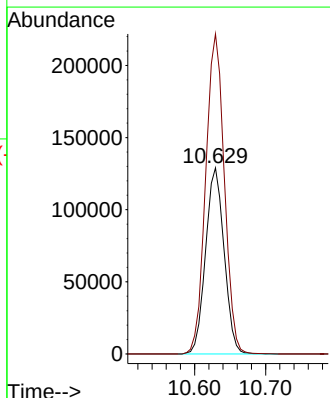
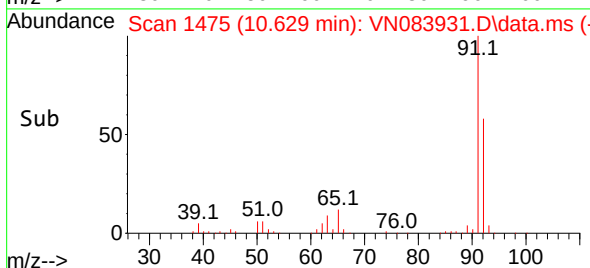
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

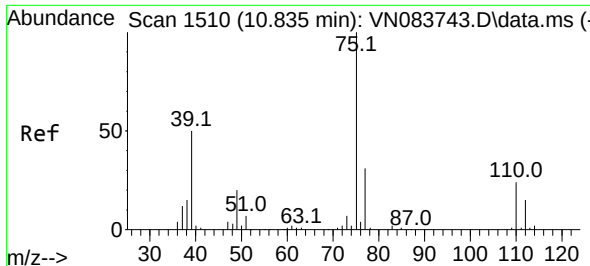


#52
Toluene
Concen: 48.677 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05



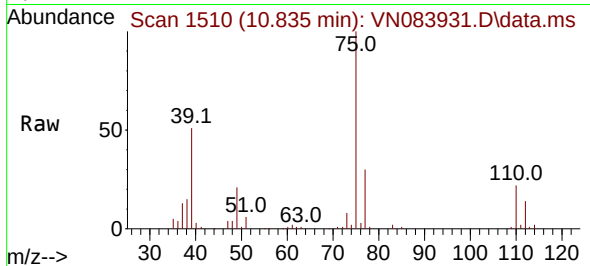
Tgt Ion: 92 Resp: 233822
Ion Ratio Lower Upper
92 100
91 172.9 134.7 202.1





#53
 t-1,3-Dichloropropene
 Concen: 51.277 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN083931.D
 Acq: 17 Sep 2024 09:05

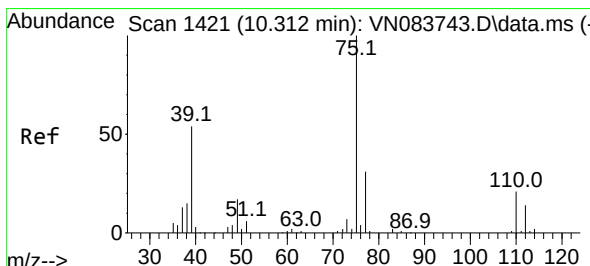
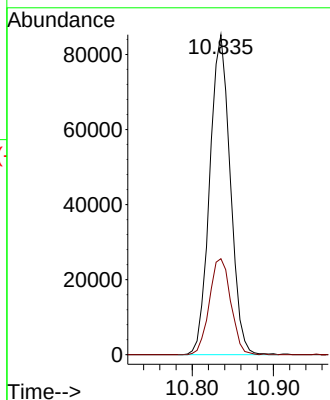
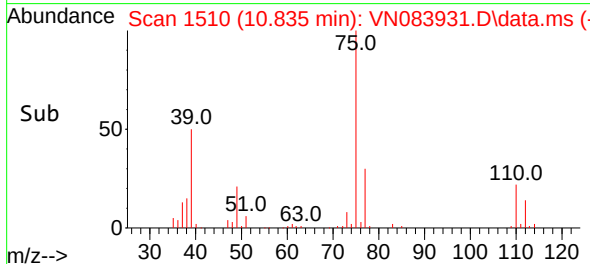
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



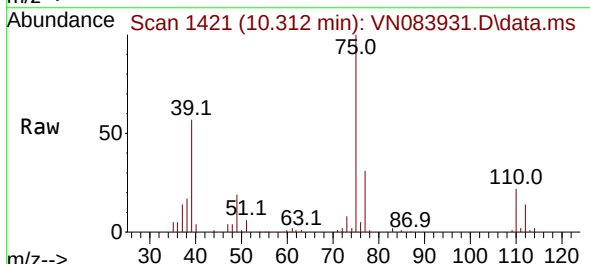
Tgt Ion: 75 Resp: 149544
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.8 38.6

Manual Integrations
 APPROVED

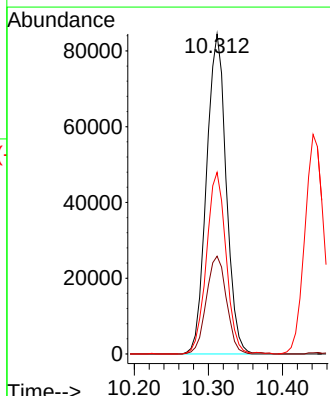
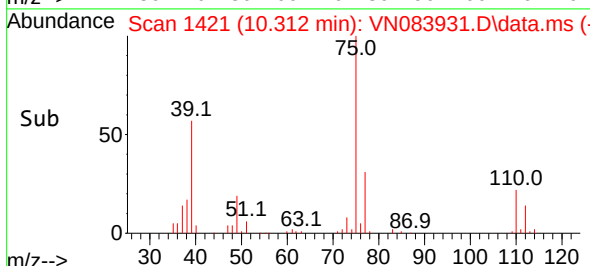
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024

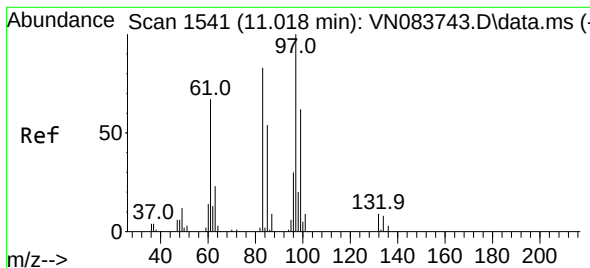


#54
 cis-1,3-Dichloropropene
 Concen: 50.882 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN083931.D
 Acq: 17 Sep 2024 09:05



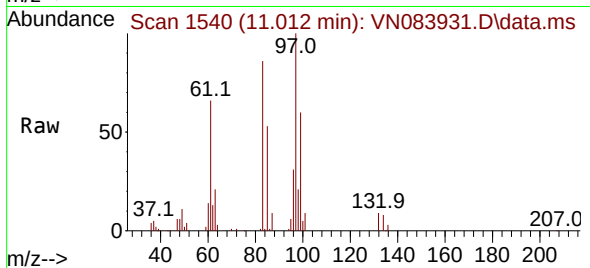
Tgt Ion: 75 Resp: 155875
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.6
 39 56.8 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 49.459 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

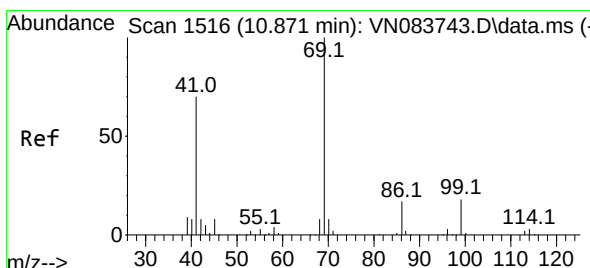
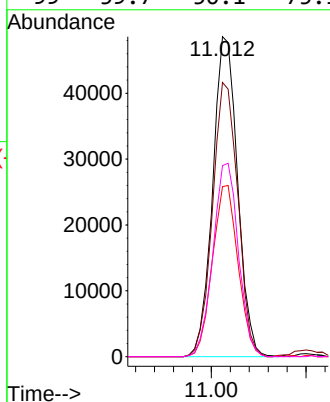
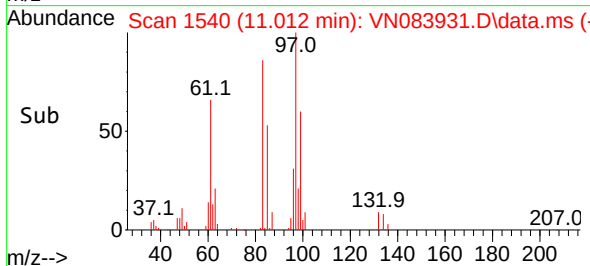
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



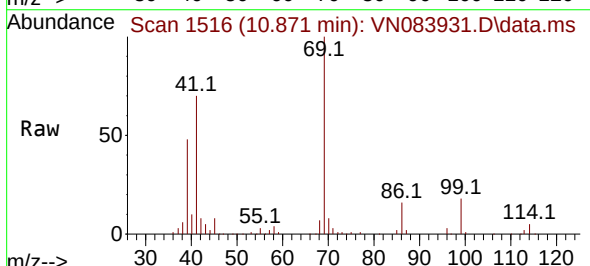
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.5	101.3
85	53.2	44.2	66.2
99	59.7	50.1	75.1

Manual Integrations
APPROVED

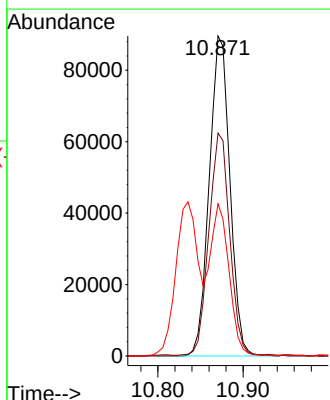
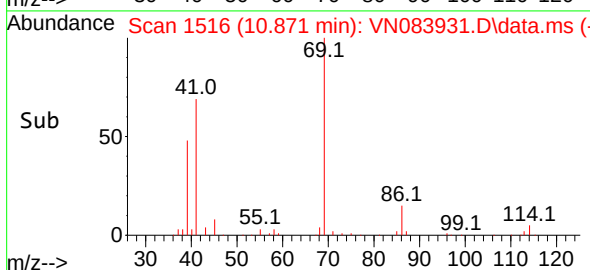
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

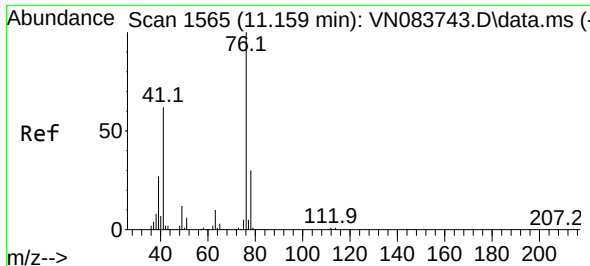


#56
Ethyl methacrylate
Concen: 54.650 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05



Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.8	53.9	80.9
39	44.2	32.6	48.8





#57

1,3-Dichloropropane

Concen: 50.406 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN083931.D

Acq: 17 Sep 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 155350

Ion Ratio Lower Upper

76 100

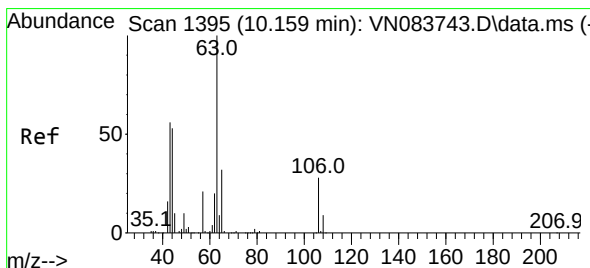
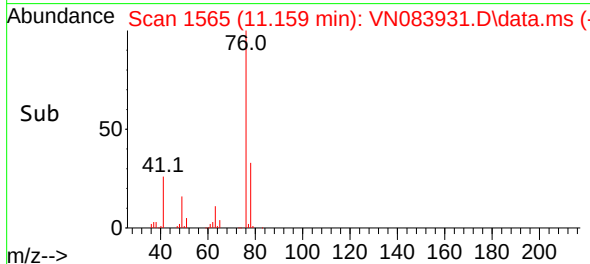
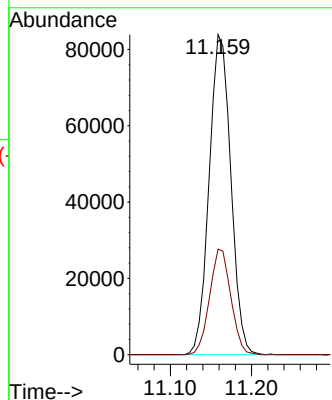
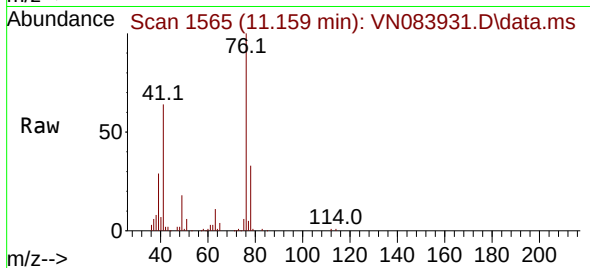
78 32.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#58

2-Chloroethyl Vinyl ether

Concen: 368.050 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN083931.D

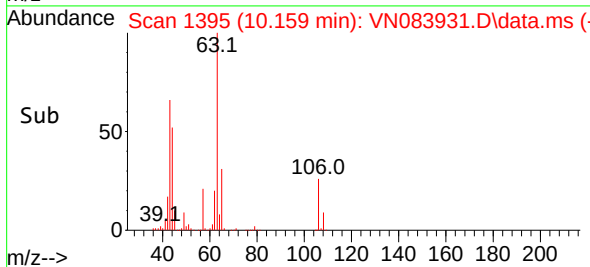
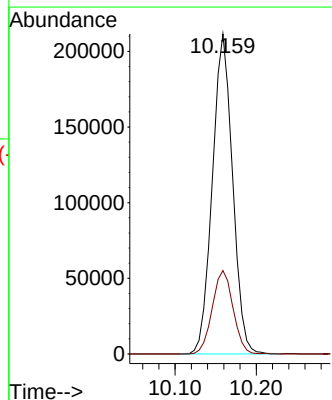
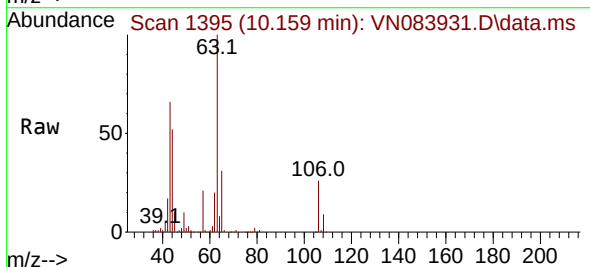
Acq: 17 Sep 2024 09:05

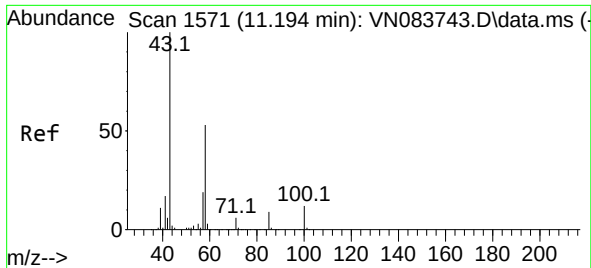
Tgt Ion: 63 Resp: 365898

Ion Ratio Lower Upper

63 100

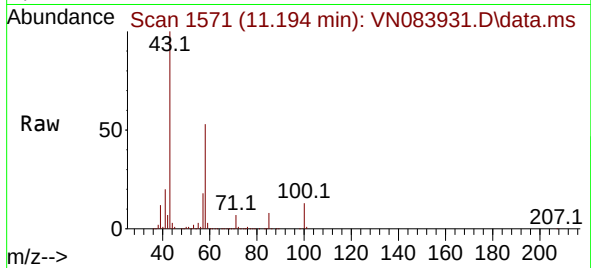
106 26.8 23.3 34.9





#59
2-Hexanone
Concen: 275.781 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

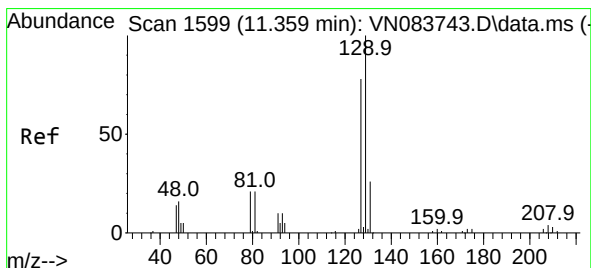
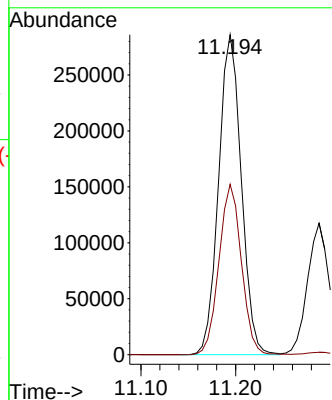
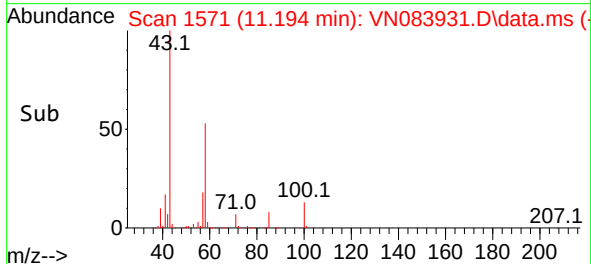
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 47658
Ion Ratio Lower Upper
43 100
58 52.6 27.2 81.5

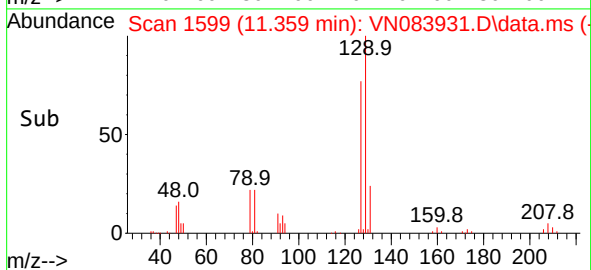
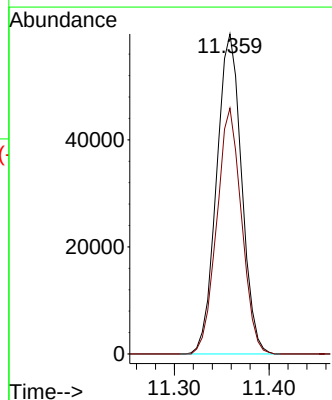
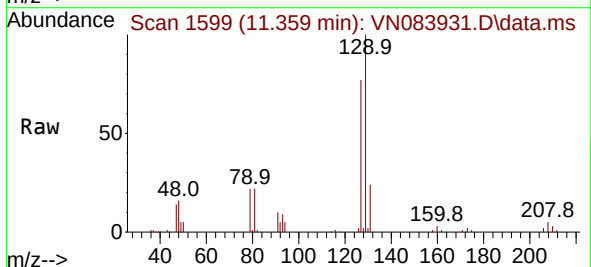
Manual Integrations
APPROVED

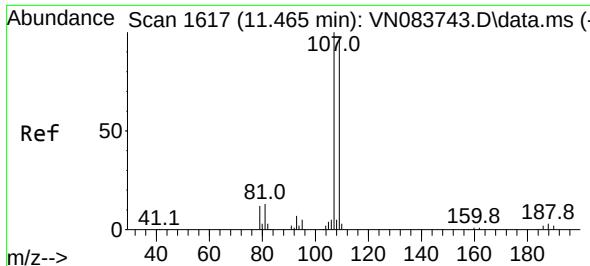
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#60
Dibromochloromethane
Concen: 54.717 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Tgt Ion:129 Resp: 109815
Ion Ratio Lower Upper
129 100
127 75.9 39.0 116.9





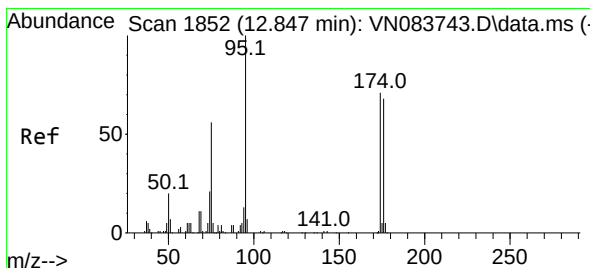
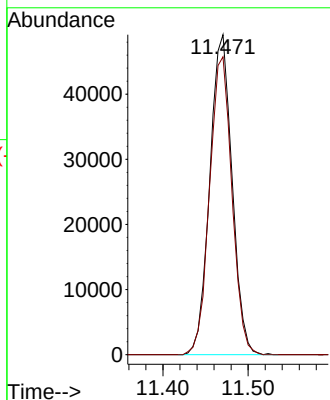
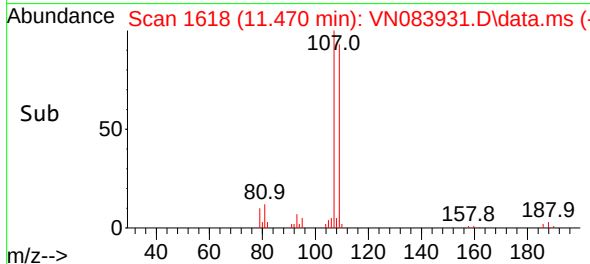
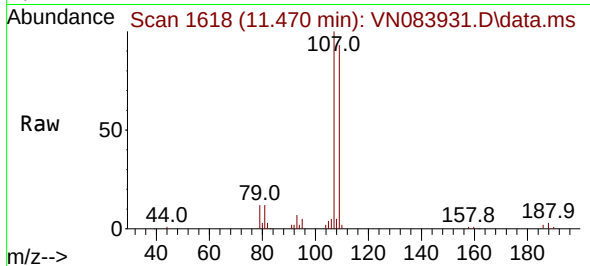
#61
1,2-Dibromoethane
Concen: 49.879 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 8920
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4

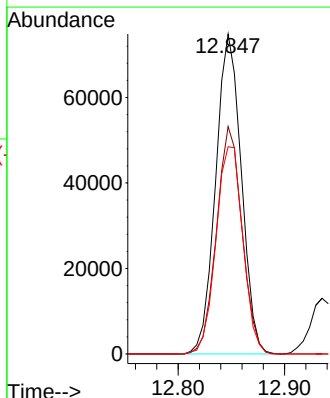
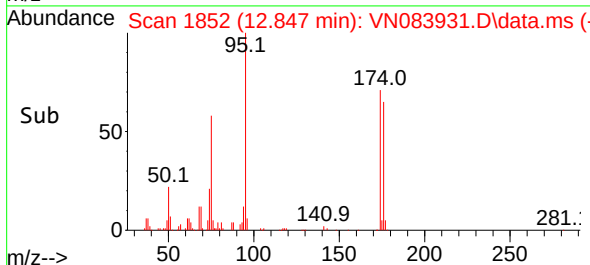
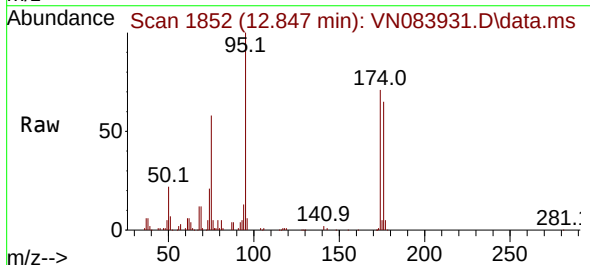
Manual Integrations
APPROVED

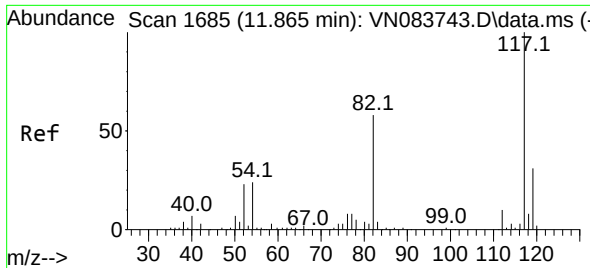
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#62
4-Bromofluorobenzene
Concen: 50.554 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

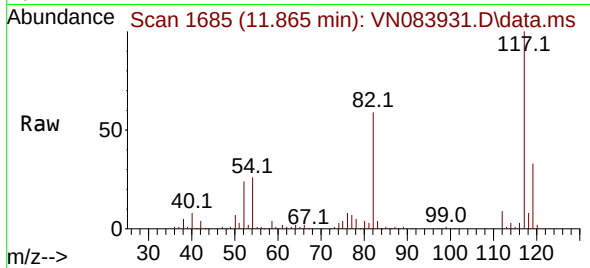
Tgt Ion: 95 Resp: 124991
Ion Ratio Lower Upper
95 100
174 70.6 0.0 139.8
176 68.0 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

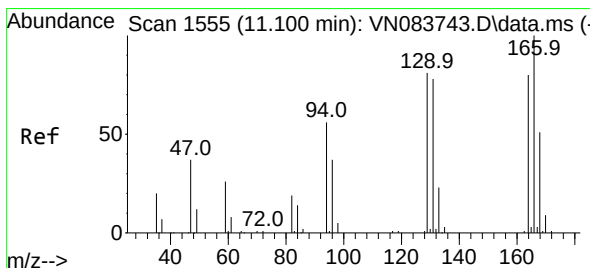
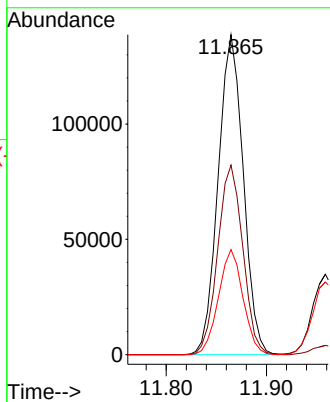
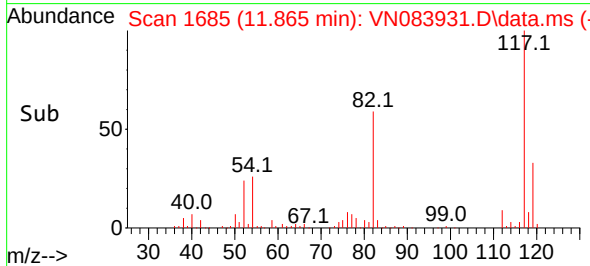
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



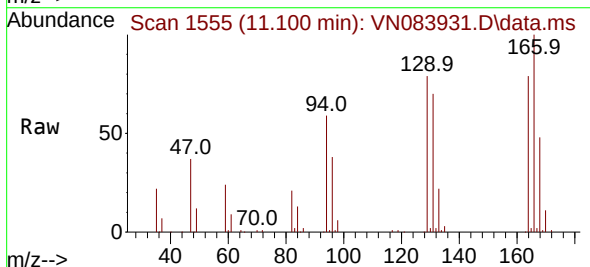
Tgt Ion:117 Resp: 241733
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.0
119 32.8 26.3 39.5

Manual Integrations
APPROVED

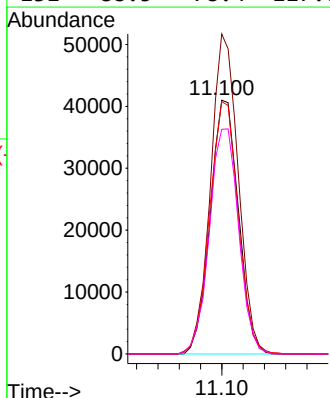
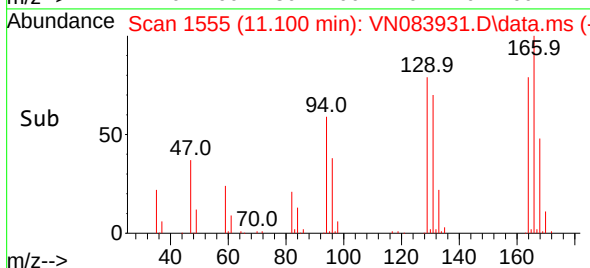
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

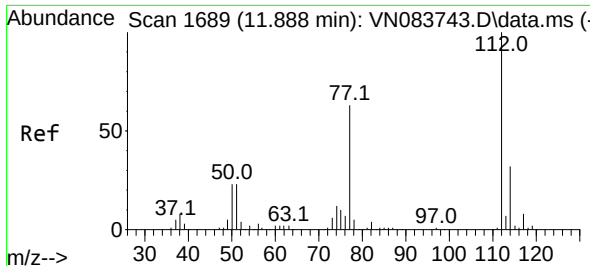


#64
Tetrachloroethene
Concen: 46.844 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05



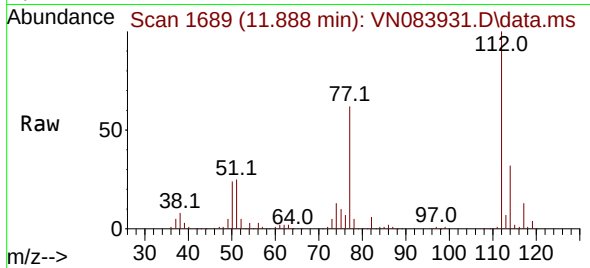
Tgt Ion:164 Resp: 75305
Ion Ratio Lower Upper
164 100
166 126.1 103.7 155.5
129 99.5 79.9 119.9
131 88.5 78.4 117.6





#65
Chlorobenzene
Concen: 46.377 ug/l
RT: 11.888 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

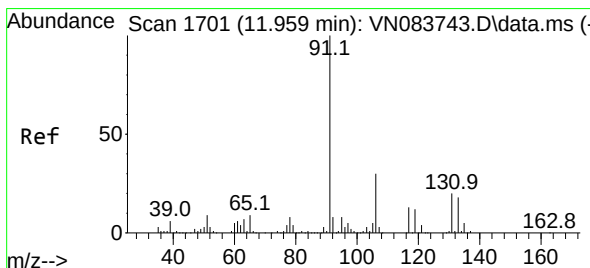
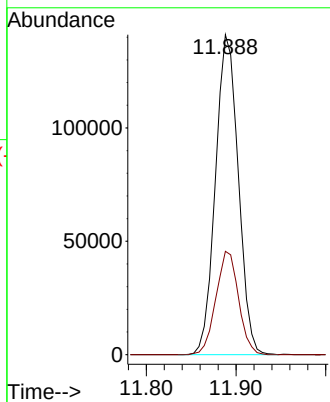
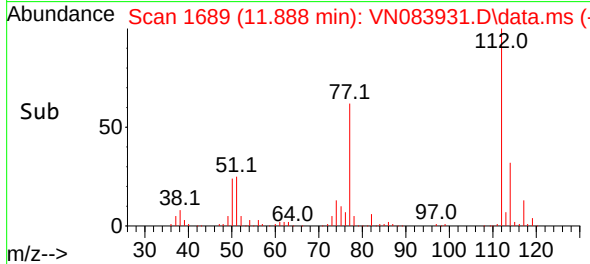
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



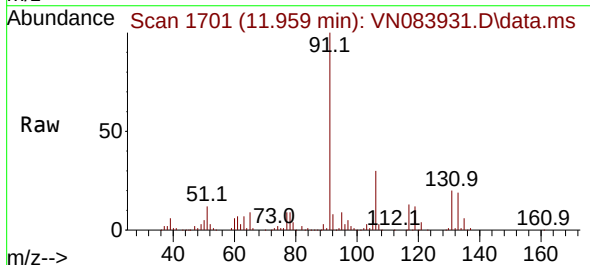
Tgt Ion:112 Resp: 249168
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

Manual Integrations
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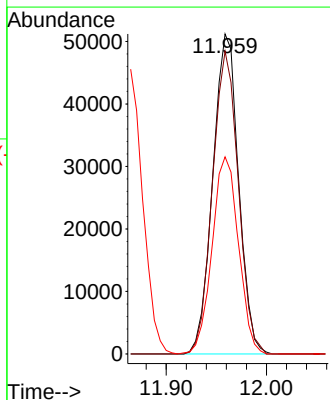
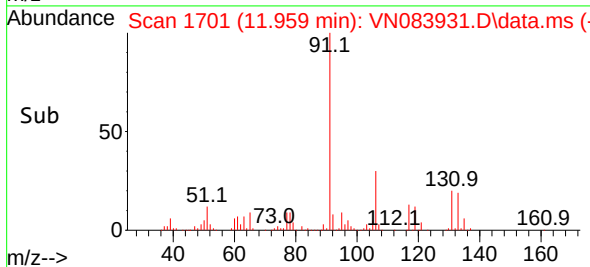
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

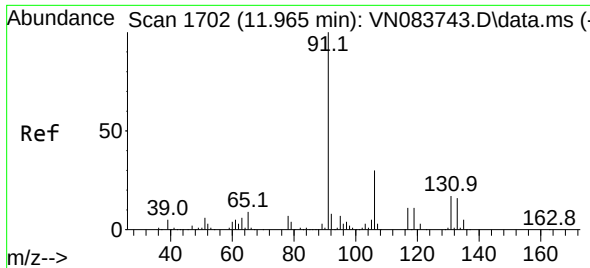


#66
1,1,1,2-Tetrachloroethane
Concen: 49.051 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05



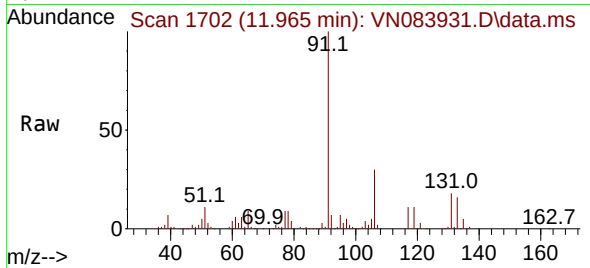
Tgt Ion:131 Resp: 91360
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 63.1 31.6 94.8





#67
Ethyl Benzene
Concen: 48.396 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

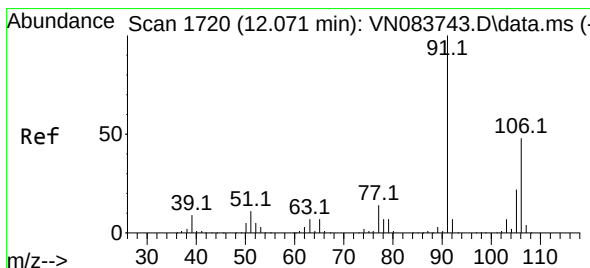
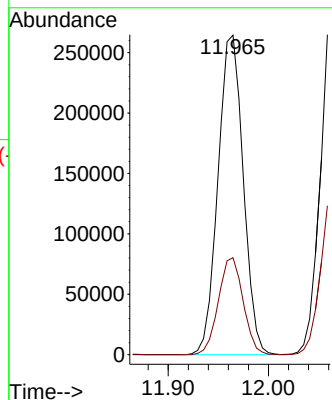
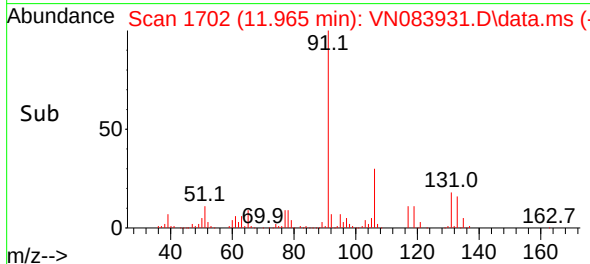
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



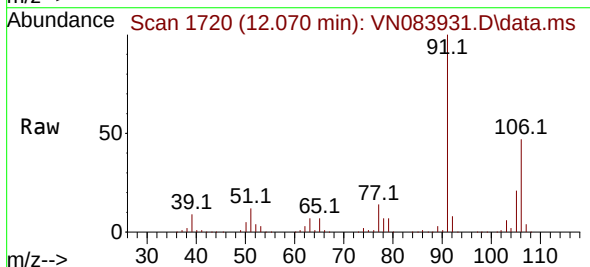
Tgt Ion: 91 Resp: 461898
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5

Manual Integrations
APPROVED

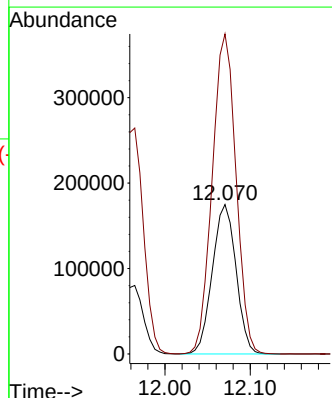
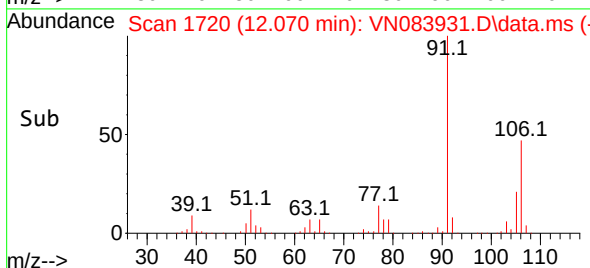
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

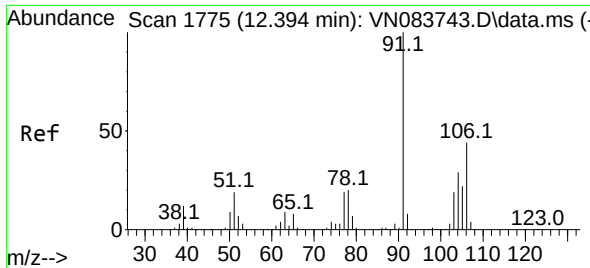


#68
m/p-Xylenes
Concen: 95.323 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05



Tgt Ion:106 Resp: 337767
Ion Ratio Lower Upper
106 100
91 215.0 169.2 253.8





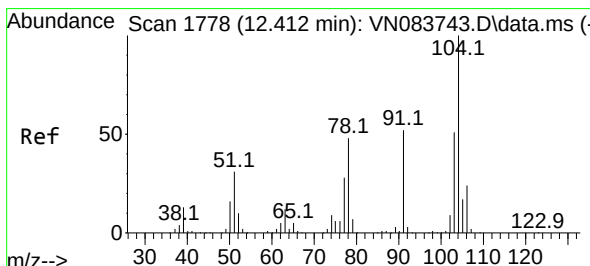
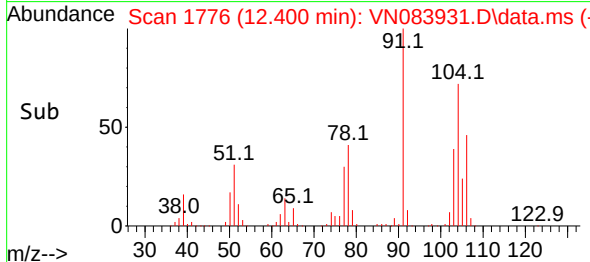
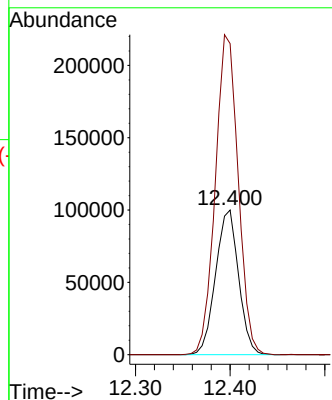
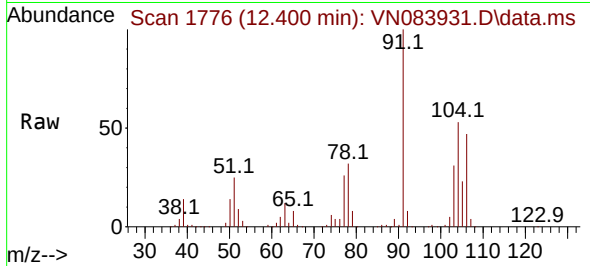
#69
o-Xylene
Concen: 49.161 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 16863
Ion Ratio Lower Upper
106 100
91 220.1 112.9 338.6

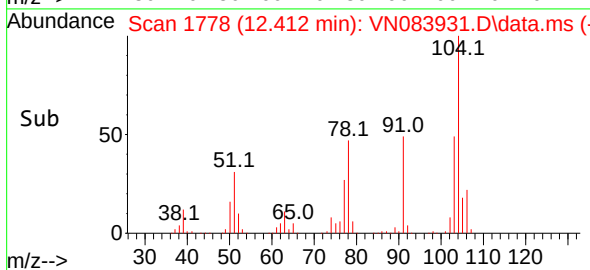
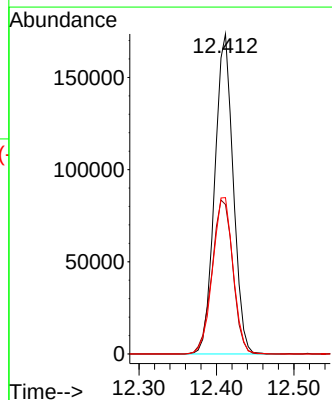
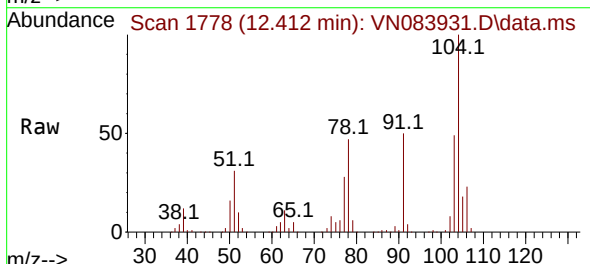
Manual Integrations
APPROVED

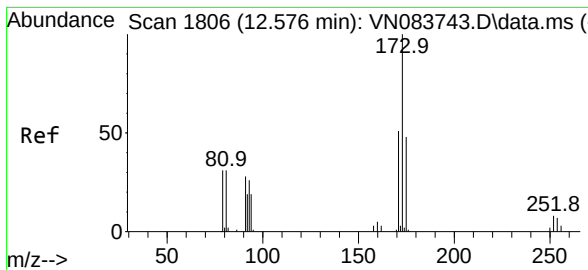
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#70
Styrene
Concen: 51.104 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Tgt Ion:104 Resp: 287691
Ion Ratio Lower Upper
104 100
78 54.2 43.3 64.9
103 54.2 43.4 65.2





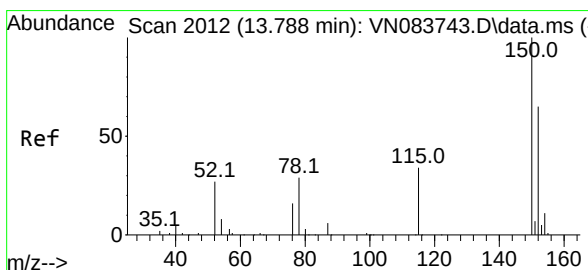
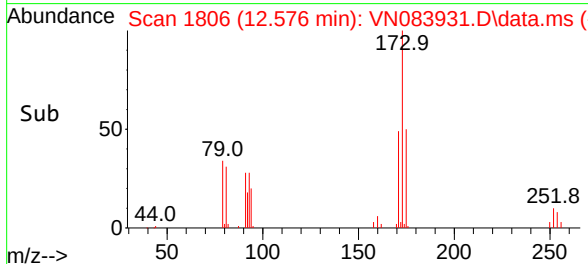
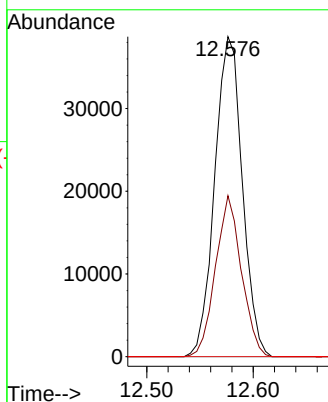
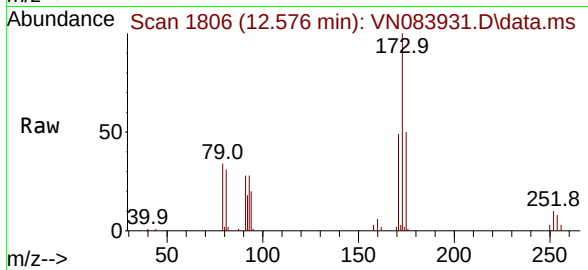
#71
Bromoform
Concen: 55.424 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 6956
Ion Ratio Lower Upper
173 100
175 47.2 24.1 72.2
254 0.0 0.0 0.0

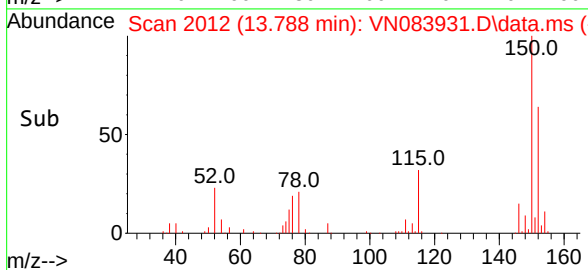
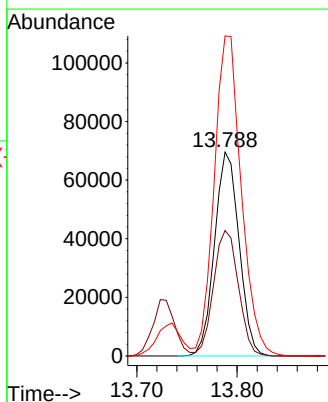
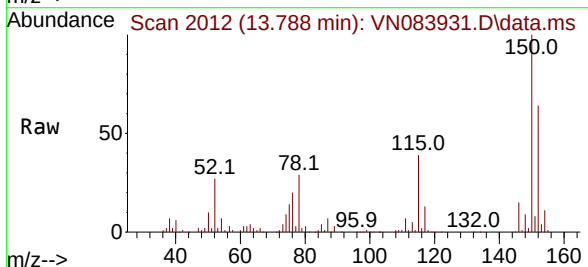
Manual Integrations
APPROVED

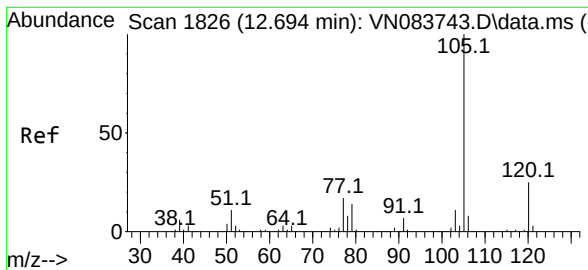
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

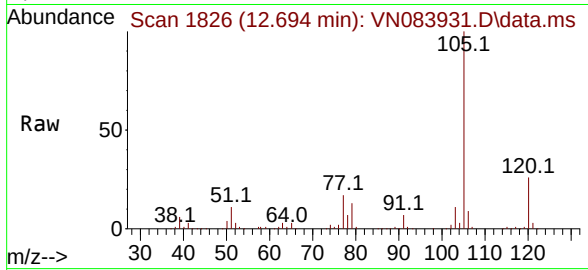
Tgt Ion:152 Resp: 118229
Ion Ratio Lower Upper
152 100
115 62.3 32.2 96.6
150 173.5 0.0 348.6





#73
Isopropylbenzene
Concen: 47.082 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

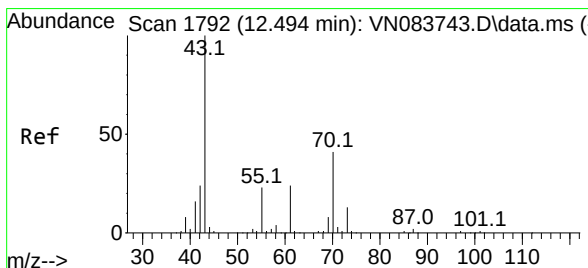
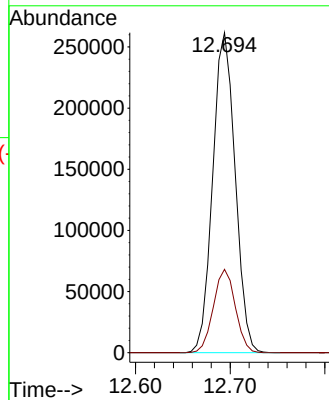
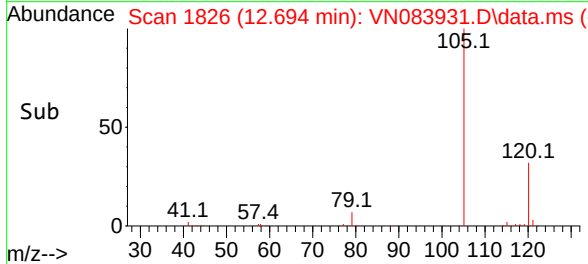
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



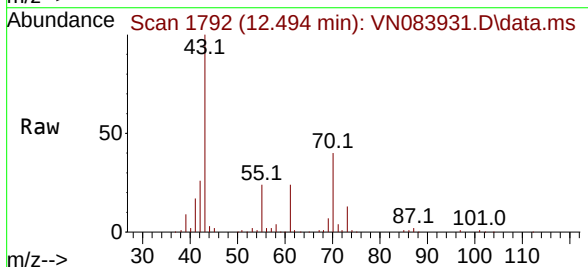
Tgt Ion:105 Resp: 43065
Ion Ratio Lower Upper
105 100
120 25.4 12.6 37.8

Manual Integrations
APPROVED

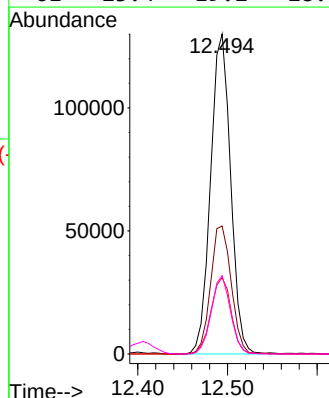
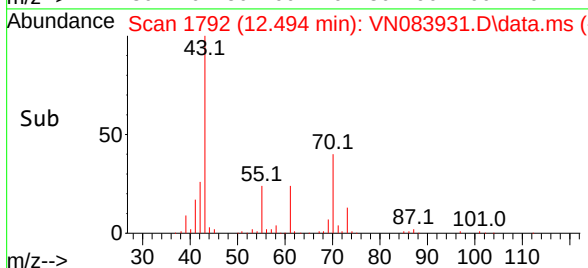
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

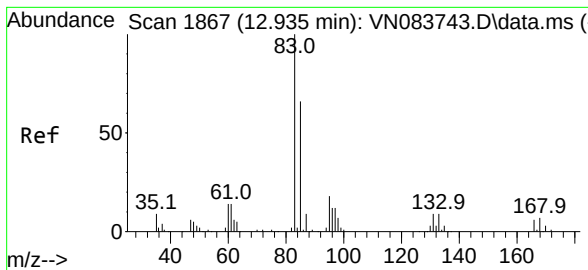


#74
N-ethyl acetate
Concen: 51.712 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05



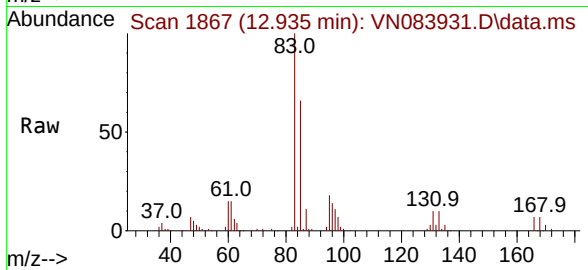
Tgt Ion: 43 Resp: 201812
Ion Ratio Lower Upper
43 100
70 41.2 34.5 51.7
55 24.2 18.6 28.0
61 23.4 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 47.177 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

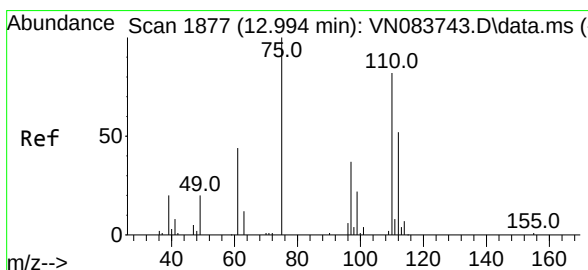
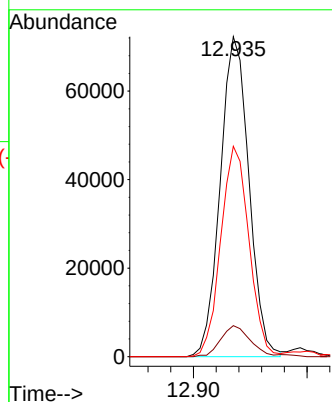
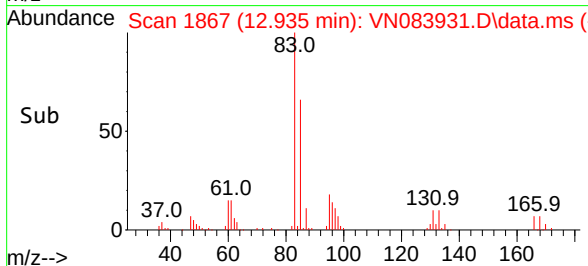
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



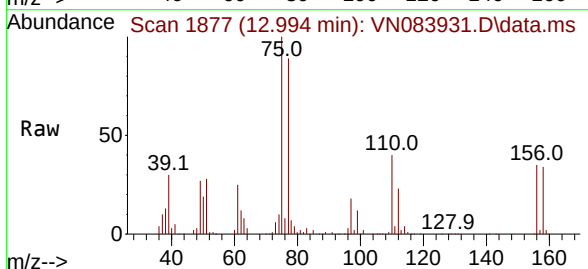
Tgt Ion: 83 Resp: 126789
Ion Ratio Lower Upper
83 100
131 10.3 5.2 15.6
85 64.7 31.9 95.9

Manual Integrations
APPROVED

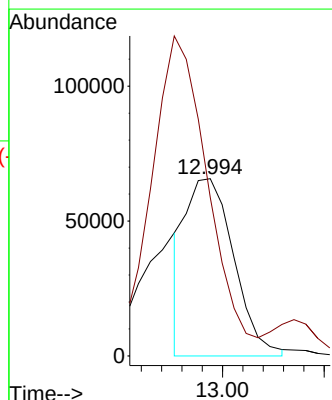
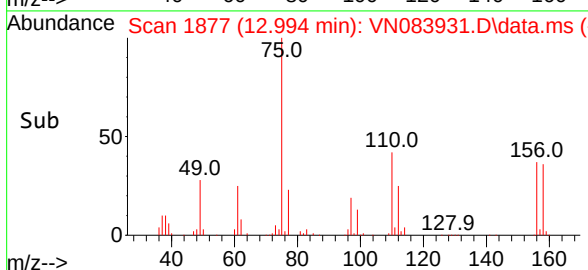
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

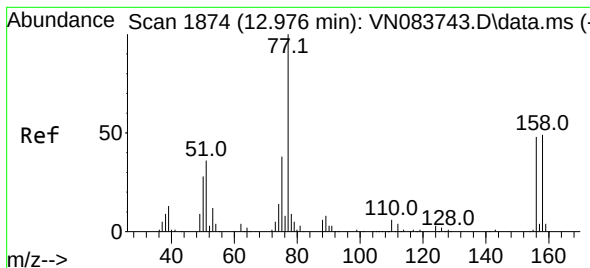


#76
1,2,3-Trichloropropane
Concen: 45.373 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05



Tgt Ion: 75 Resp: 108243
Ion Ratio Lower Upper
75 100
77 213.0 95.2 285.6





#77

Bromobenzene

Concen: 45.576 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN083931.D

Acq: 17 Sep 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 100348

Ion Ratio Lower Upper

156 100

77 229.8 114.3 343.1

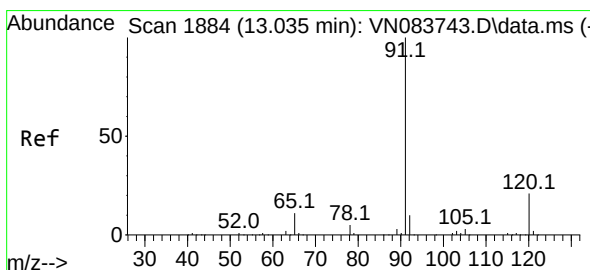
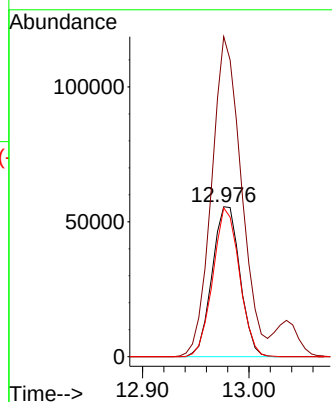
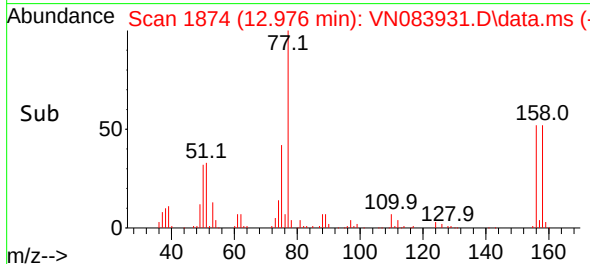
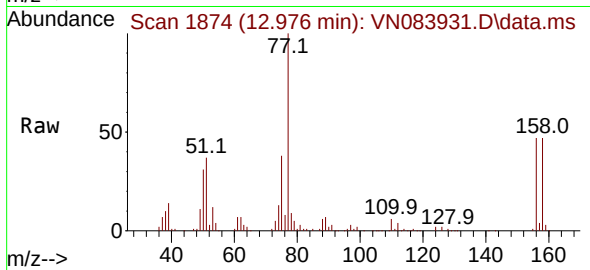
158 95.2 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#78

n-propylbenzene

Concen: 48.421 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN083931.D

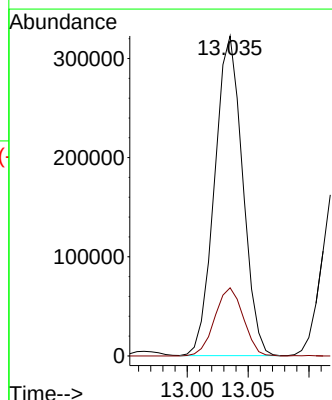
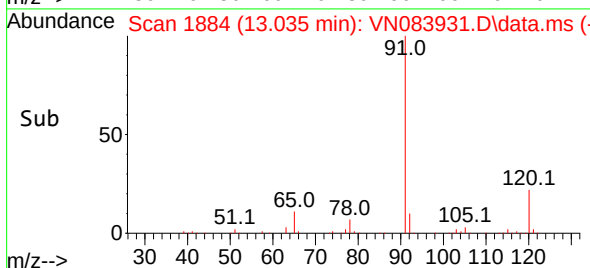
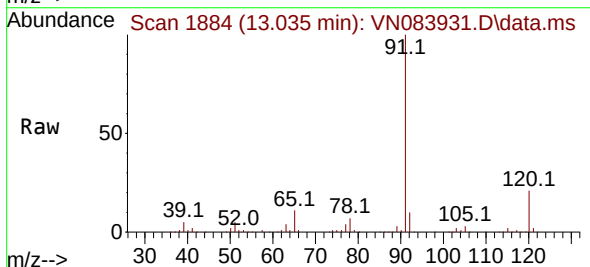
Acq: 17 Sep 2024 09:05

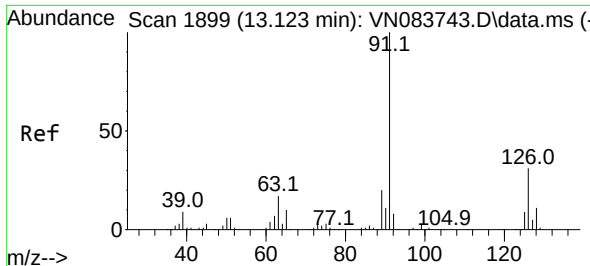
Tgt Ion: 91 Resp: 515320

Ion Ratio Lower Upper

91 100

120 21.7 11.0 33.0





#79
2-Chlorotoluene
Concen: 46.962 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

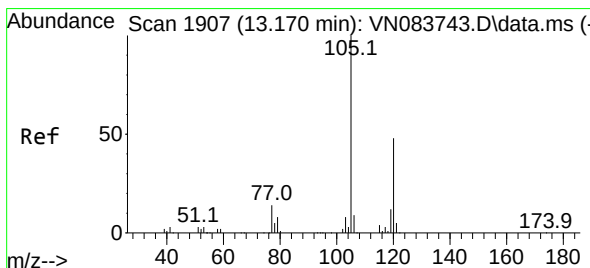
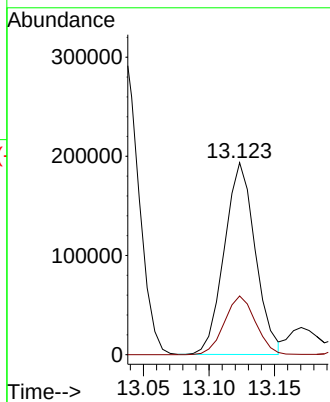
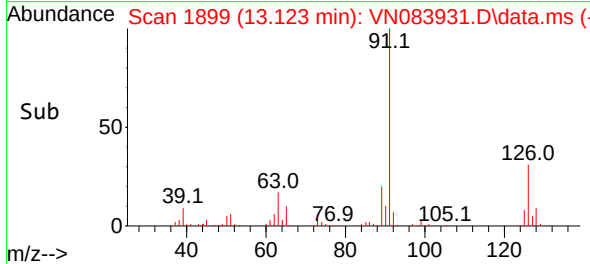
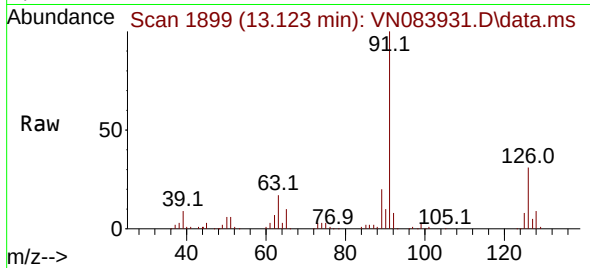
VSTDCCC050

Tgt Ion: 91 Resp: 318748
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.2

Manual Integrations

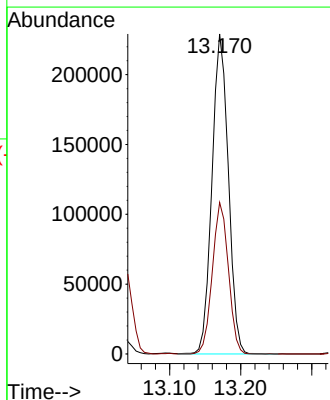
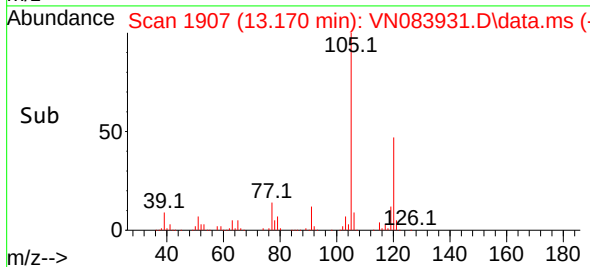
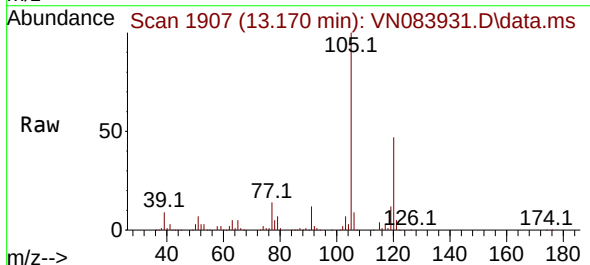
APPROVED

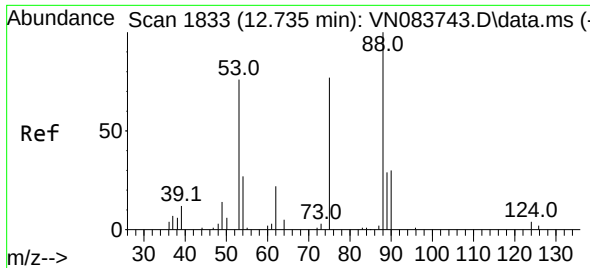
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 47.503 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

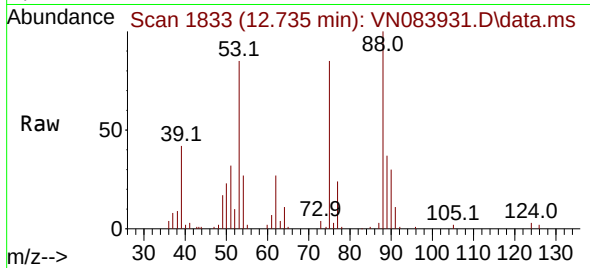
Tgt Ion:105 Resp: 366331
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 51.418 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

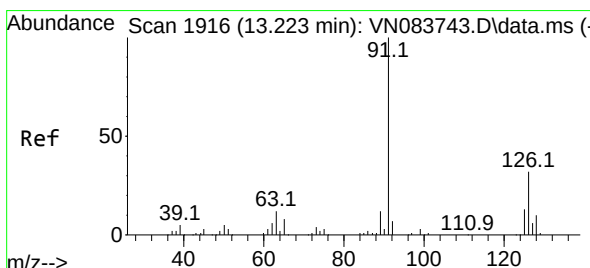
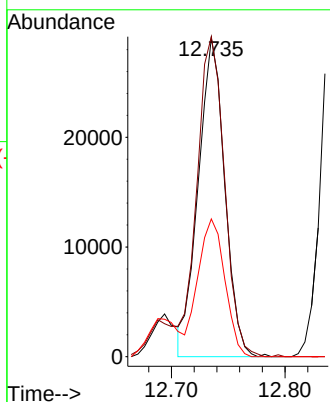
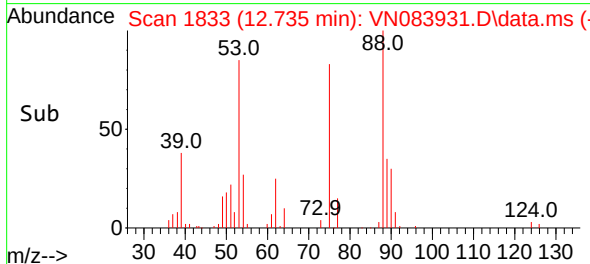
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



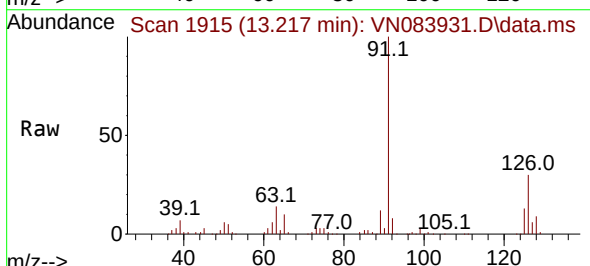
Tgt Ion: 75 Resp: 46839
Ion Ratio Lower Upper
75 100
53 106.3 81.2 121.8
89 43.8 35.7 53.5

Manual Integrations
APPROVED

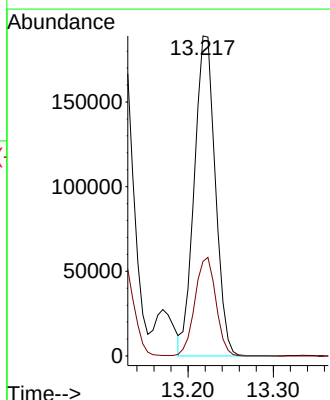
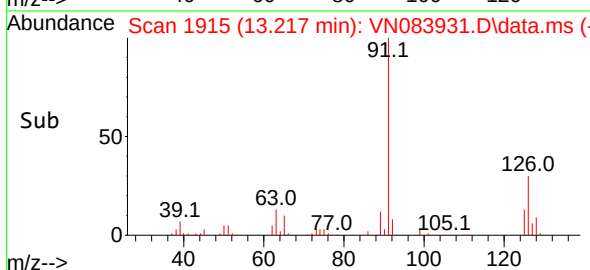
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

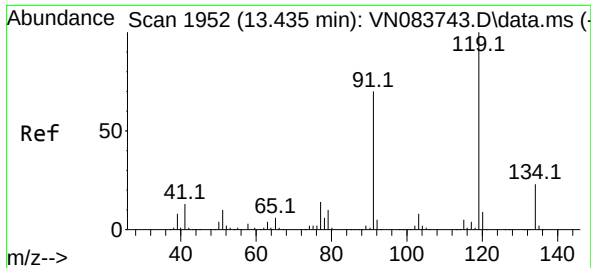


#82
4-Chlorotoluene
Concen: 47.480 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05



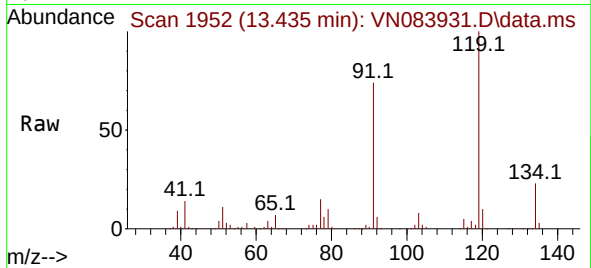
Tgt Ion: 91 Resp: 323394
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.2





#83
tert-Butylbenzene
Concen: 46.750 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

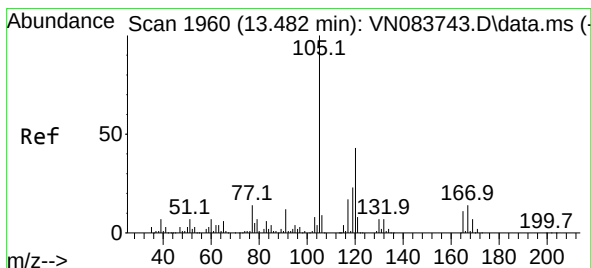
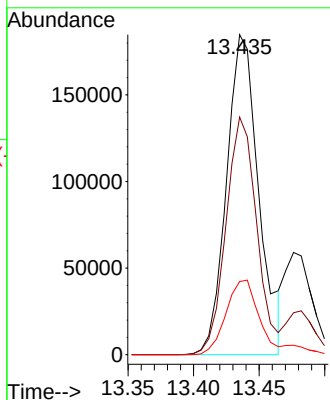
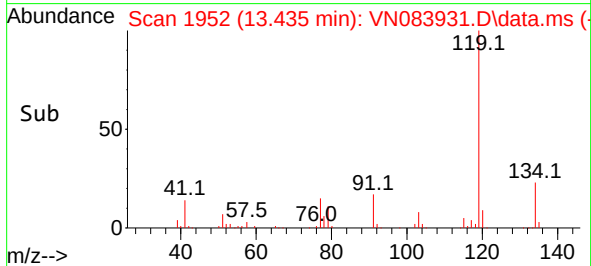
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



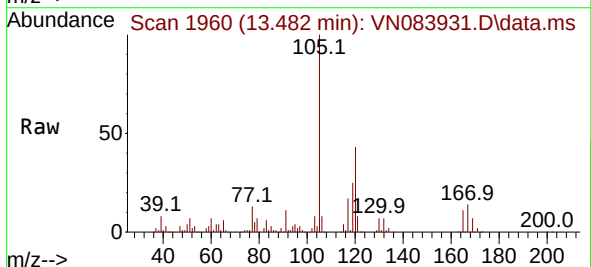
Tgt Ion:119 Resp: 31542
Ion Ratio Lower Upper
119 100
91 71.2 34.5 103.6
134 25.8 12.8 38.4

Manual Integrations
APPROVED

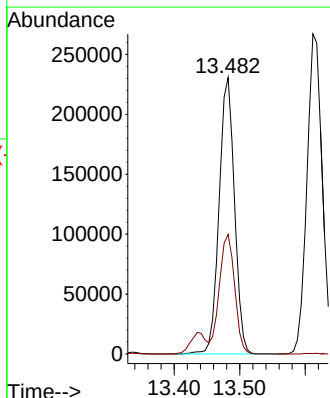
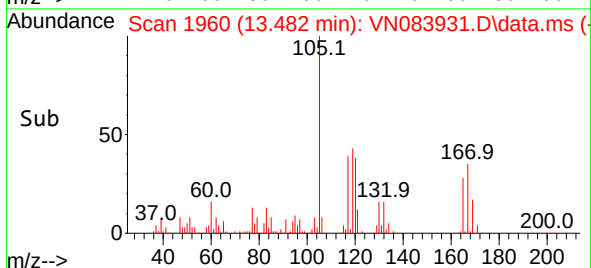
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

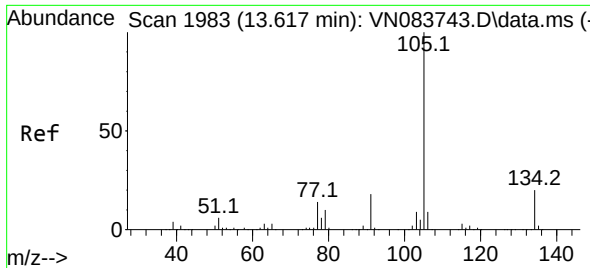


#84
1,2,4-Trimethylbenzene
Concen: 48.401 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05



Tgt Ion:105 Resp: 374942
Ion Ratio Lower Upper
105 100
120 43.1 21.8 65.4





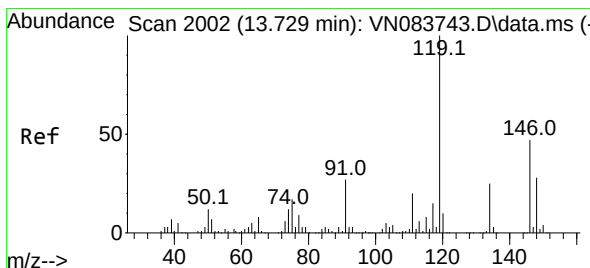
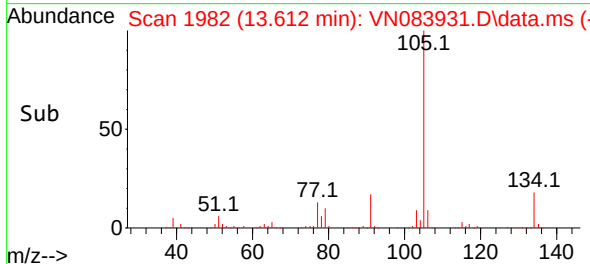
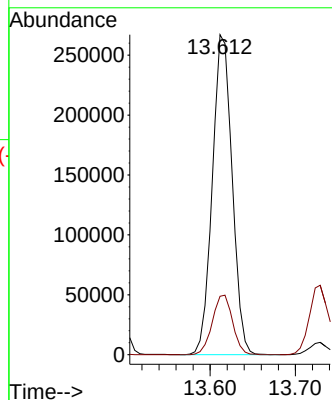
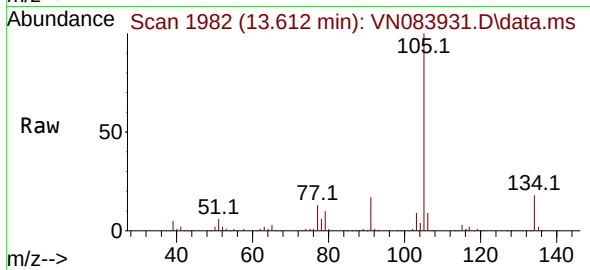
#85
 sec-Butylbenzene
 Concen: 48.202 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN083931.D
 Acq: 17 Sep 2024 09:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 43131
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 29.1

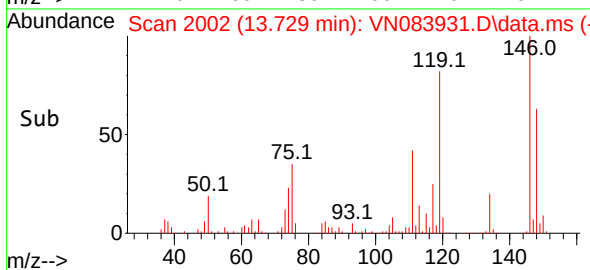
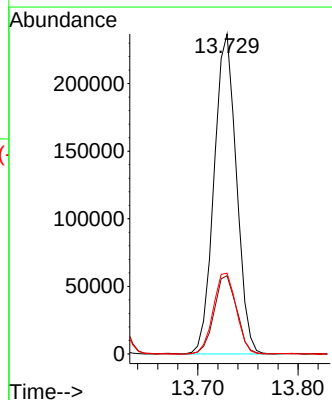
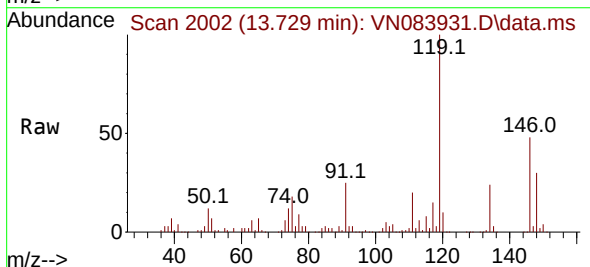
Manual Integrations
 APPROVED

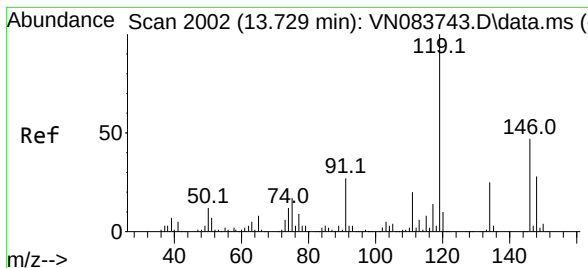
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024



#86
 p-Isopropyltoluene
 Concen: 48.903 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083931.D
 Acq: 17 Sep 2024 09:05

Tgt Ion:119 Resp: 366811
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.8 38.3
 91 26.0 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 45.843 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083931.D

Acq: 17 Sep 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 19049

Ion Ratio Lower Upper

146 100

111 42.7 21.7 65.1

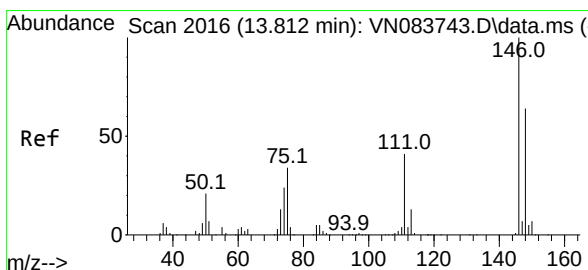
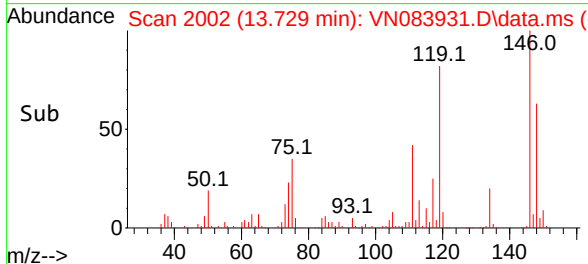
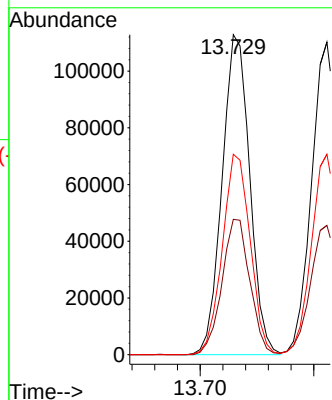
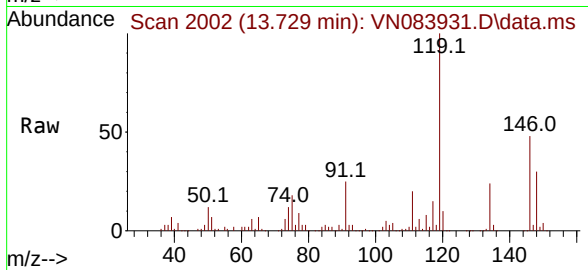
148 63.2 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#88

1,4-Dichlorobenzene

Concen: 44.608 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN083931.D

Acq: 17 Sep 2024 09:05

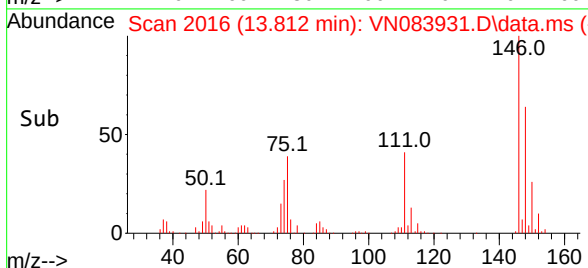
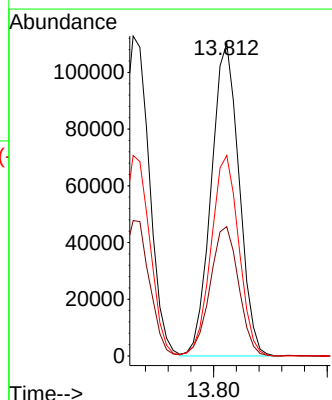
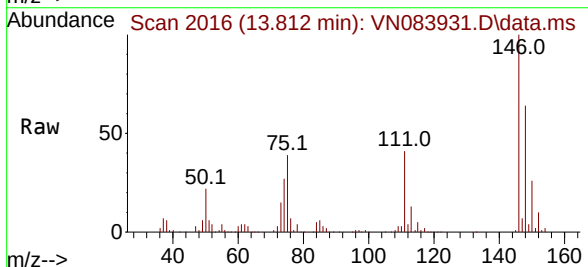
Tgt Ion:146 Resp: 187691

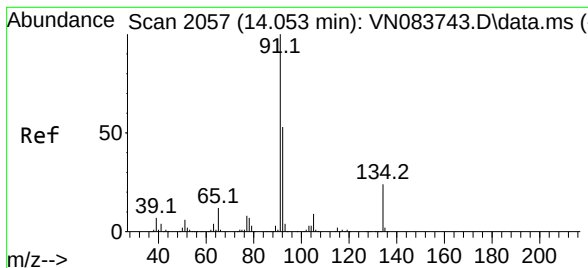
Ion Ratio Lower Upper

146 100

111 42.4 21.3 64.0

148 63.6 32.0 96.2





#89

n-Butylbenzene

Concen: 47.611 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN083931.D

Acq: 17 Sep 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

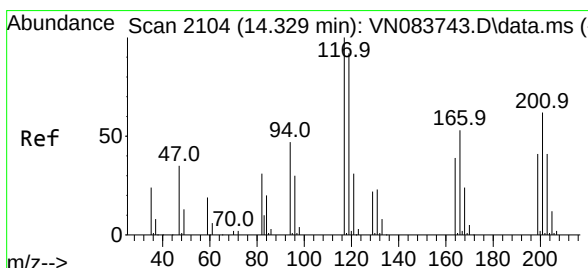
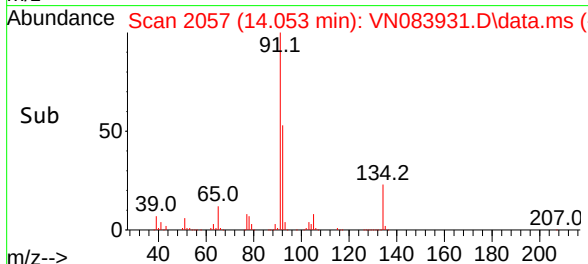
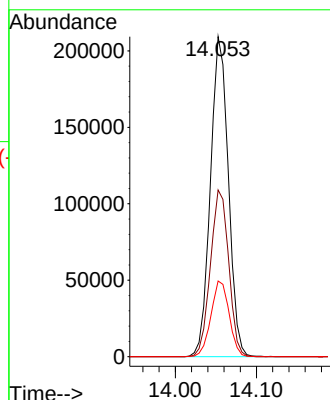
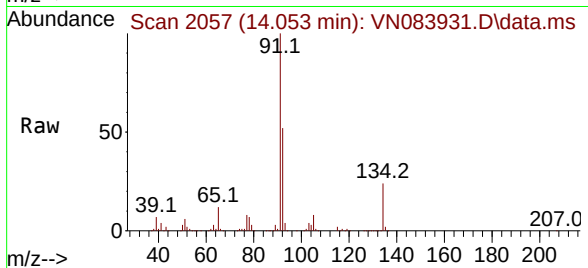
Tgt Ion:	91	Resp:	320639
Ion Ratio	Lower	Upper	
91	100		
92	53.1	26.7	80.1
134	24.0	12.2	36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#90

Hexachloroethane

Concen: 45.502 ug/l

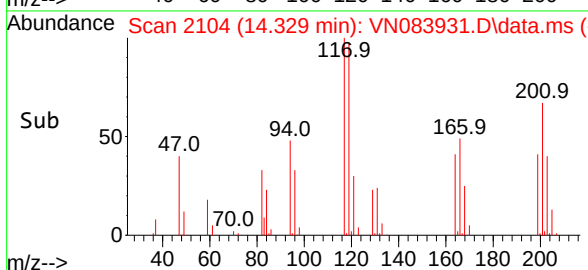
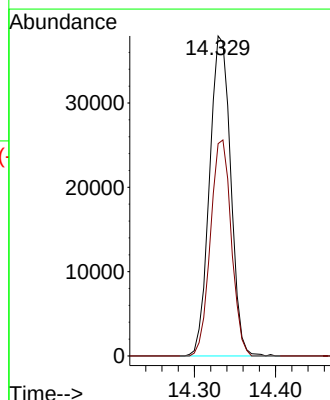
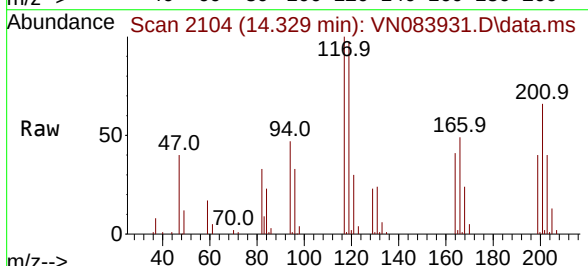
RT: 14.329 min Scan# 2104

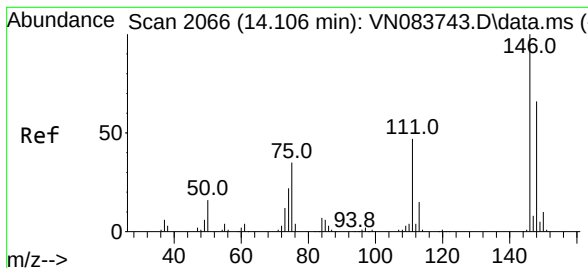
Delta R.T. -0.000 min

Lab File: VN083931.D

Acq: 17 Sep 2024 09:05

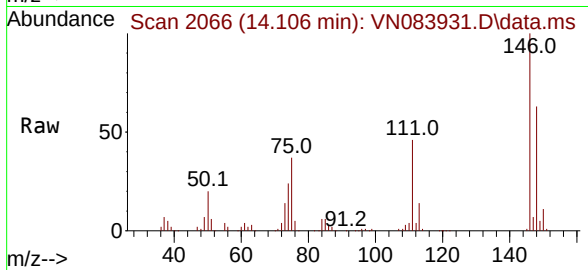
Tgt Ion:	117	Resp:	68607
Ion Ratio	Lower	Upper	
117	100		
201	66.4	32.8	98.3





#91
1,2-Dichlorobenzene
Concen: 45.785 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

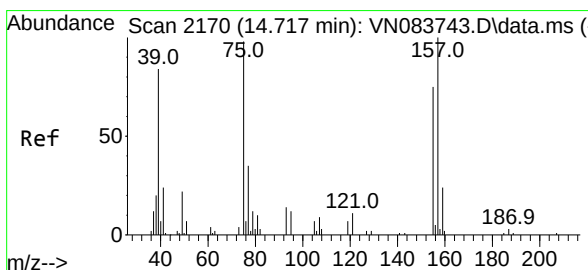
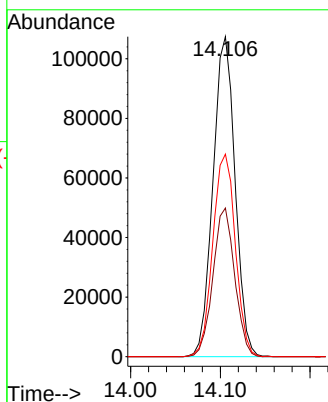
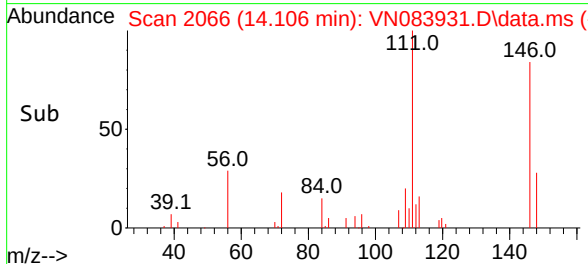
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



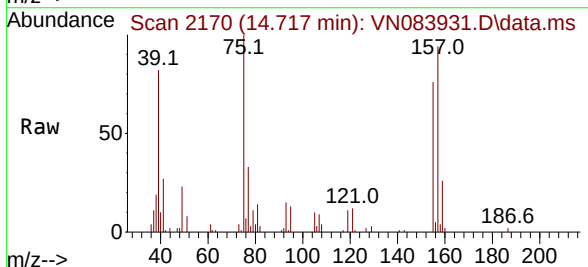
Tgt Ion:146 Resp: 183609
Ion Ratio Lower Upper
146 100
111 45.8 22.8 68.3
148 64.6 32.1 96.5

Manual Integrations
APPROVED

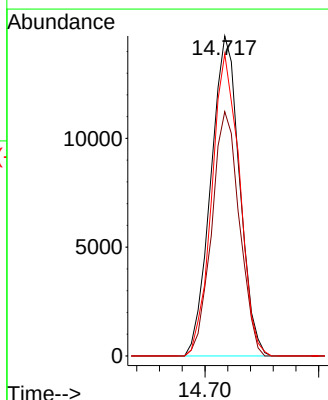
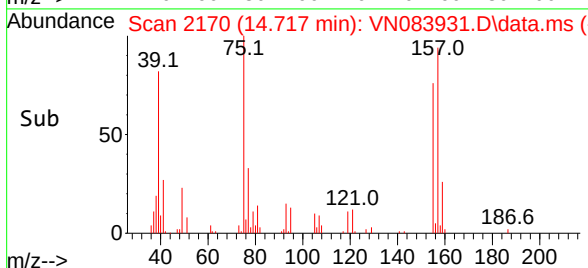
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

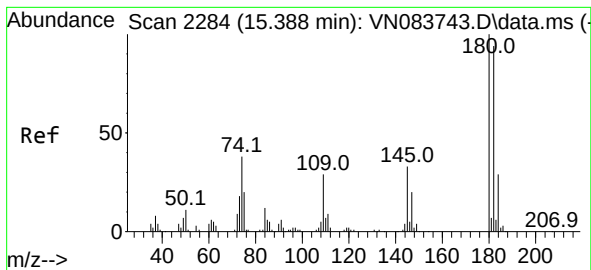


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.256 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05



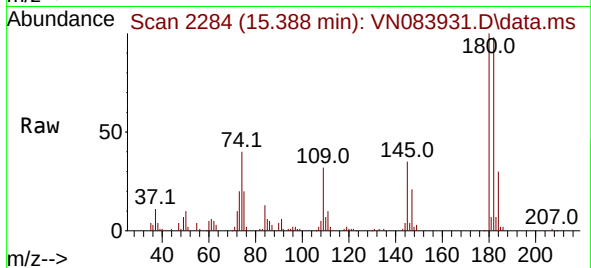
Tgt Ion: 75 Resp: 25853
Ion Ratio Lower Upper
75 100
155 73.6 35.9 107.7
157 91.1 47.5 142.5





#93
1,2,4-Trichlorobenzene
Concen: 44.286 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

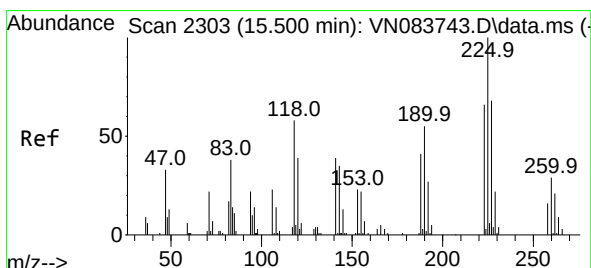
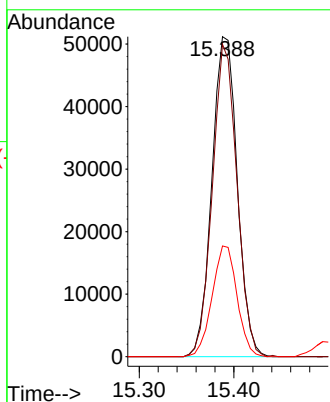
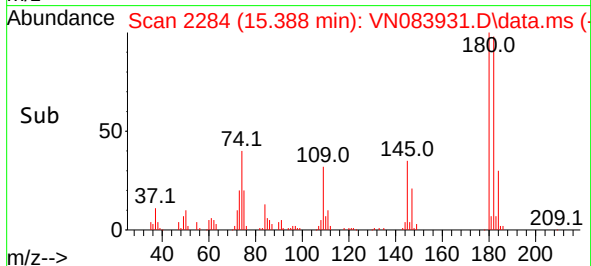
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



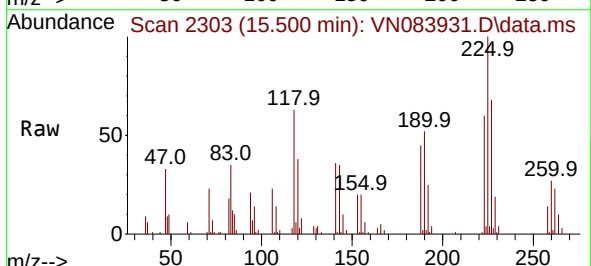
Tgt Ion:180 Resp: 9530
Ion Ratio Lower Upper
180 100
182 94.5 48.1 144.3
145 33.9 16.9 50.7

Manual Integrations
APPROVED

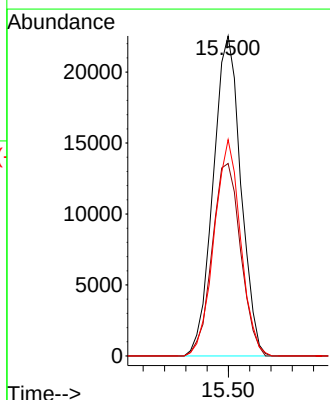
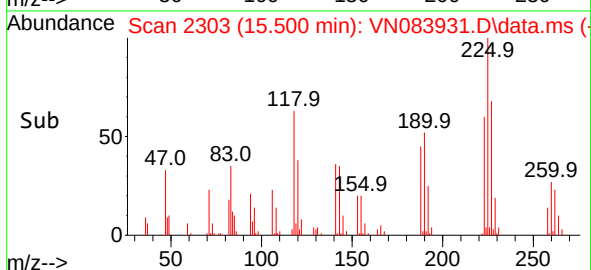
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

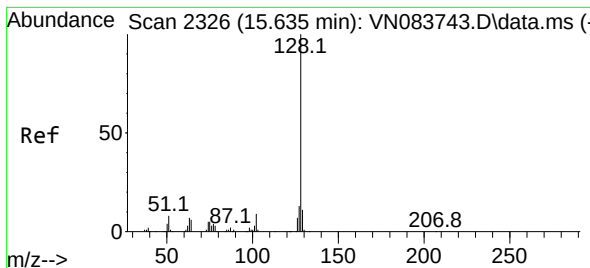


#94
Hexachlorobutadiene
Concen: 44.413 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05



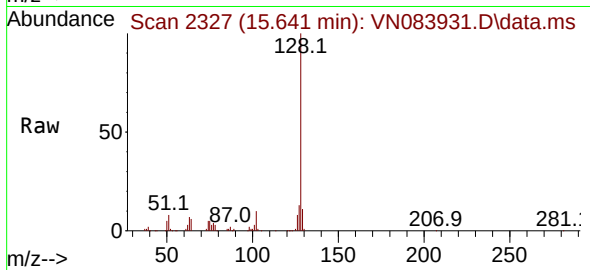
Tgt Ion:225 Resp: 40589
Ion Ratio Lower Upper
225 100
223 62.1 31.9 95.5
227 64.9 32.0 96.2





#95
Naphthalene
Concen: 47.182 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05

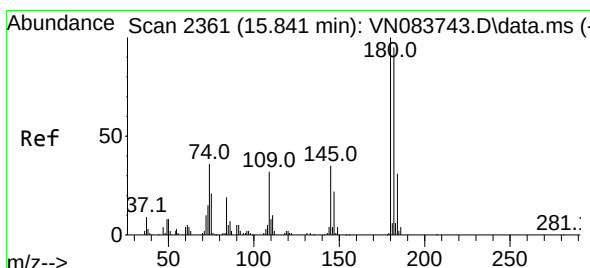
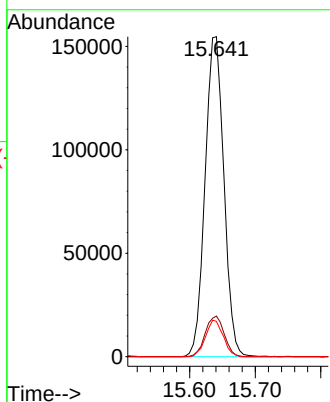
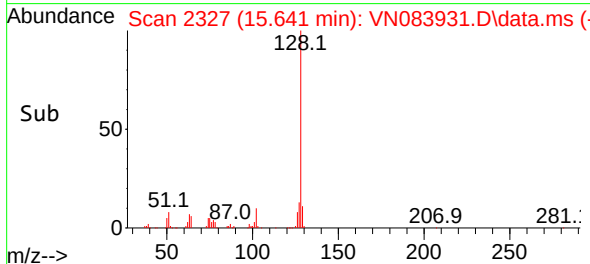
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



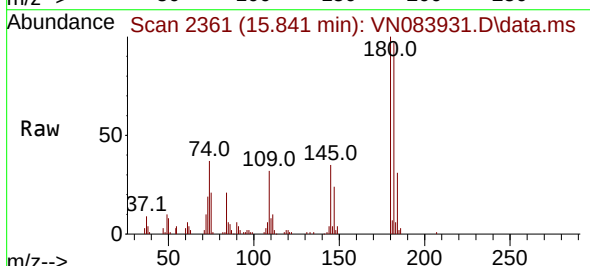
Tgt Ion:128 Resp: 308909
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#96
1,2,3-Trichlorobenzene
Concen: 43.202 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083931.D
Acq: 17 Sep 2024 09:05



Tgt Ion:180 Resp: 88852
Ion Ratio Lower Upper
180 100
182 96.5 47.1 141.4
145 36.2 17.8 53.5

