

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083494.D
 Acq On : 26 Aug 2024 20:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/27/2024
 Supervised By : Mahesh Dadoda 08/27/2024

Quant Time: Aug 27 02:03:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	126223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	223248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	202589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110976	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109129	60.741	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.480%	
35) Dibromofluoromethane	8.165	113	78735	56.503	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.000%	
50) Toluene-d8	10.565	98	283143	54.472	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.940%	
62) 4-Bromofluorobenzene	12.847	95	117077	57.774	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 115.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	66346	46.351	ug/l	99
3) Chloromethane	2.359	50	78315	53.441	ug/l	94
4) Vinyl Chloride	2.512	62	83530	55.861	ug/l	98
5) Bromomethane	2.900	94	43709	47.108	ug/l	95
6) Chloroethane	3.059	64	56754	60.665	ug/l	99
7) Trichlorofluoromethane	3.459	101	145495	58.899	ug/l	98
8) Diethyl Ether	3.953	74	52593	57.216	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.347	101	80393	59.029	ug/l	97
10) Methyl Iodide	4.571	142	104744	58.466	ug/l	96
11) Tert butyl alcohol	5.547	59	105680	283.039	ug/l	97
12) 1,1-Dichloroethene	4.318	96	75244	53.776	ug/l	93
13) Acrolein	4.177	56	75839	311.652	ug/l	99
14) Allyl chloride	5.012	41	135947	51.414	ug/l	90
15) Acrylonitrile	5.718	53	226260	294.648	ug/l	98
16) Acetone	4.430	43	188468	268.083	ug/l	96
17) Carbon Disulfide	4.694	76	198696	48.532	ug/l	98
18) Methyl Acetate	5.024	43	117630	56.159	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	289605	57.343	ug/l	96
20) Methylene Chloride	5.265	84	89199	55.130	ug/l	86
21) trans-1,2-Dichloroethene	5.777	96	79017	54.640	ug/l	92
22) Diisopropyl ether	6.677	45	299082	60.174	ug/l	98
23) Vinyl Acetate	6.600	43	1551568	304.561	ug/l	96
24) 1,1-Dichloroethane	6.565	63	164043	60.552	ug/l	100
25) 2-Butanone	7.488	43	306594	284.024	ug/l	96
26) 2,2-Dichloropropane	7.488	77	97450	38.733	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	99500	57.018	ug/l	91
28) Bromochloromethane	7.818	49	61978	55.980	ug/l	91
29) Tetrahydrofuran	7.841	42	204255	292.711	ug/l	90
30) Chloroform	7.965	83	174409	61.966	ug/l	98
31) Cyclohexane	8.253	56	138770	52.120	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	159642	59.923	ug/l	95
36) 1,1-Dichloropropene	8.371	75	118619	56.273	ug/l	99
37) Ethyl Acetate	7.559	43	128447	54.423	ug/l	95
38) Carbon Tetrachloride	8.359	117	135505	57.074	ug/l	95
39) Methylcyclohexane	9.600	83	133617	51.608	ug/l	99
40) Benzene	8.606	78	366290	58.330	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	69692	51.933	ug/l	94
42) 1,2-Dichloroethane	8.671	62	140306	61.335	ug/l	99
43) Isopropyl Acetate	8.688	43	218935	53.748	ug/l #	93
44) Trichloroethene	9.353	130	82404	55.132	ug/l	95
45) 1,2-Dichloropropane	9.624	63	90144	60.475	ug/l	100
46) Dibromomethane	9.712	93	64964	60.889	ug/l	99
47) Bromodichloromethane	9.888	83	139426	58.200	ug/l	100
48) Methyl methacrylate	9.682	41	102655	52.610	ug/l	92
49) 1,4-Dioxane	9.700	88	38035	1080.454	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	656353	294.082	ug/l	95
52) Toluene	10.629	92	229824	57.924	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	129736	52.721	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	140359	53.625	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	87116	61.267	ug/l	93
56) Ethyl methacrylate	10.876	69	148915	55.554	ug/l	90
57) 1,3-Dichloropropane	11.165	76	151097	59.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	279301	246.501	ug/l	98
59) 2-Hexanone	11.194	43	494735	286.527	ug/l	94
60) Dibromochloromethane	11.359	129	100602	58.519	ug/l	99
61) 1,2-Dibromoethane	11.470	107	87430	58.533	ug/l	97
64) Tetrachloroethene	11.106	164	72246	53.847	ug/l	96
65) Chlorobenzene	11.894	112	241284	53.895	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	86486	54.774	ug/l	99
67) Ethyl Benzene	11.965	91	447868	54.533	ug/l	99
68) m/p-Xylenes	12.070	106	332400	108.046	ug/l	97
69) o-Xylene	12.400	106	165920	54.683	ug/l	99
70) Styrene	12.412	104	276902	54.336	ug/l	97
71) Bromoform	12.582	173	65157	54.472	ug/l #	100
73) Isopropylbenzene	12.694	105	427889	46.097	ug/l	99
74) N-amyl acetate	12.494	43	204018	44.935	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	132061	50.302	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	115729m	47.515	ug/l	
77) Bromobenzene	12.982	156	97479	47.275	ug/l	96
78) n-propylbenzene	13.035	91	488470	45.701	ug/l	100
79) 2-Chlorotoluene	13.123	91	314890	46.469	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	363853	46.821	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	40718	36.365	ug/l	96
82) 4-Chlorotoluene	13.223	91	307324	45.213	ug/l	98
83) tert-Butylbenzene	13.441	119	321851	46.766	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	374857	47.864	ug/l	99
85) sec-Butylbenzene	13.617	105	427841	45.560	ug/l	100
86) p-Isopropyltoluene	13.729	119	354513	45.722	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	183526	47.301	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	184277	47.111	ug/l	99
89) n-Butylbenzene	14.059	91	299633	44.598	ug/l	99
90) Hexachloroethane	14.335	117	68921	46.009	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	189704	50.526	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29583	46.436	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	93892	44.637	ug/l	97
94) Hexachlorobutadiene	15.500	225	37844	40.455	ug/l	98
95) Naphthalene	15.641	128	331803	44.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	95002	45.645	ug/l	95

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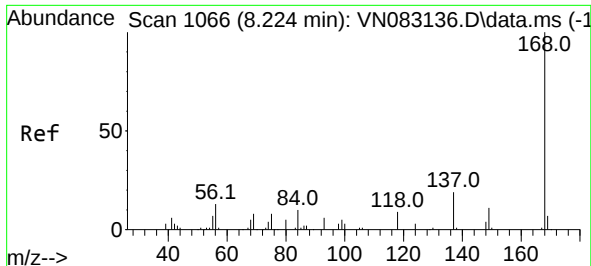
Manual Integrations
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Supervised By :Mahesh Dadoda 08/27/2024

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

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



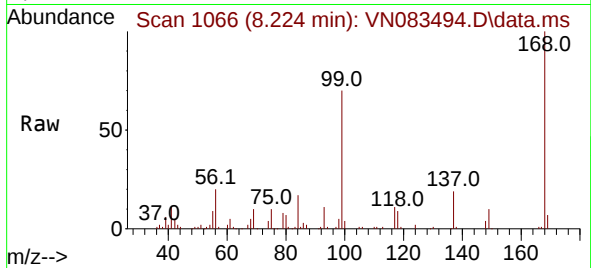
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

Instrument :

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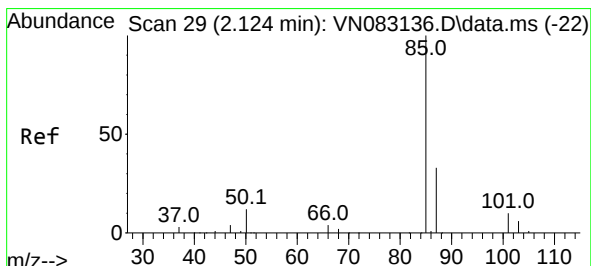
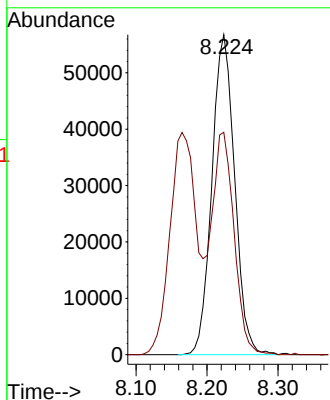
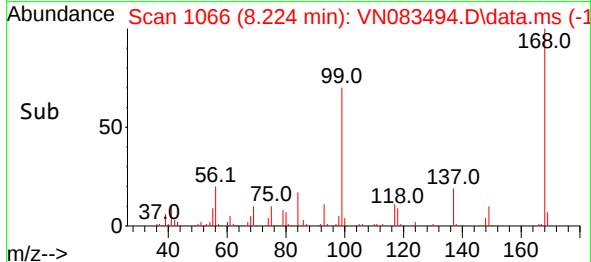
Tgt Ion:168 Resp: 126223
Ion Ratio Lower Upper
168 100
99 69.5 48.2 72.4

Manual Integrations

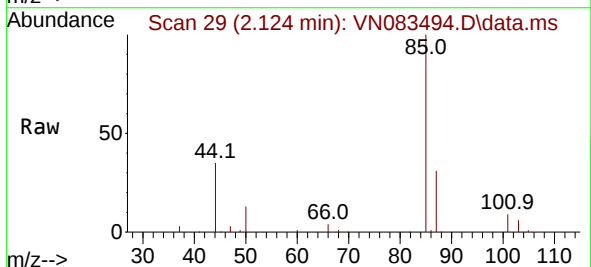
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Reviewed By :John Carlone 08/27/2024

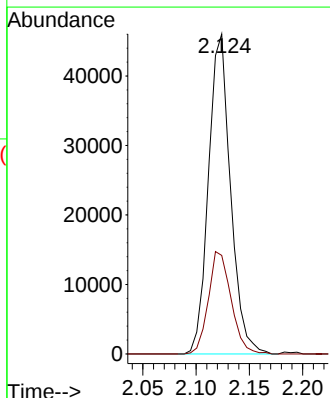
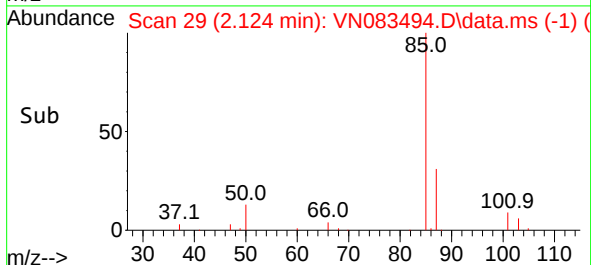
Supervised By :Mahesh Dadoda 08/27/2024



#2
Dichlorodifluoromethane
Concen: 46.351 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11



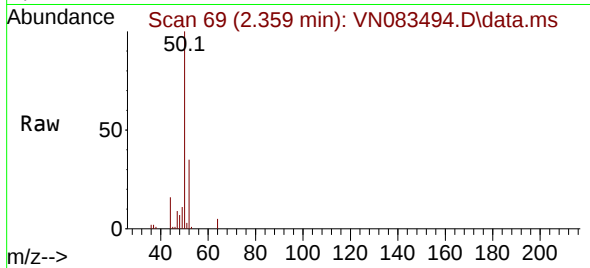
Tgt Ion: 85 Resp: 66346
Ion Ratio Lower Upper
85 100
87 30.8 15.7 47.0





#3
Chloromethane
Concen: 53.441 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

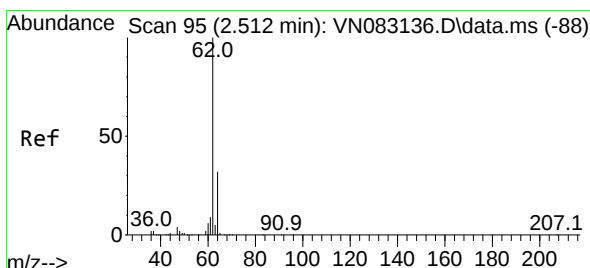
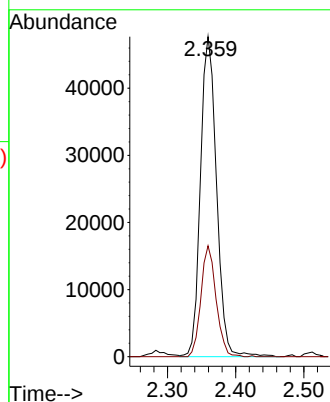
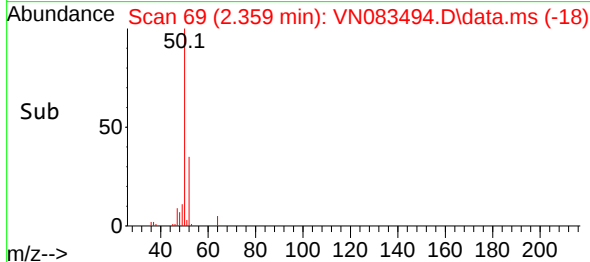
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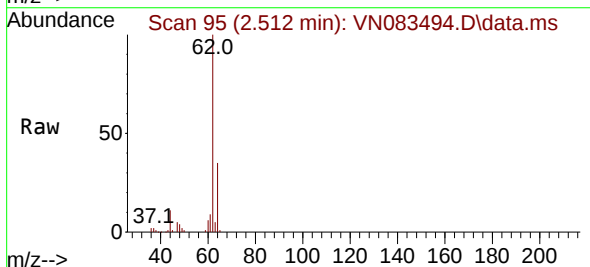
Tgt Ion: 50 Resp: 78315
Ion Ratio Lower Upper
50 100
52 34.7 25.0 37.4

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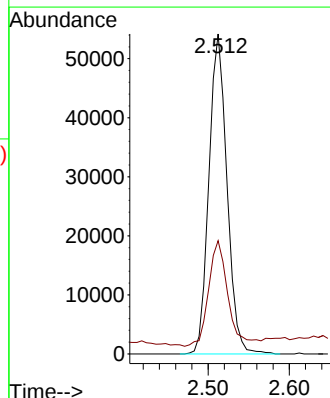
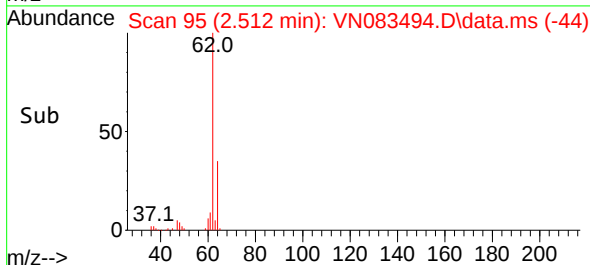
Reviewed By :John Carlone 08/27/2024
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#4
Vinyl Chloride
Concen: 55.861 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11



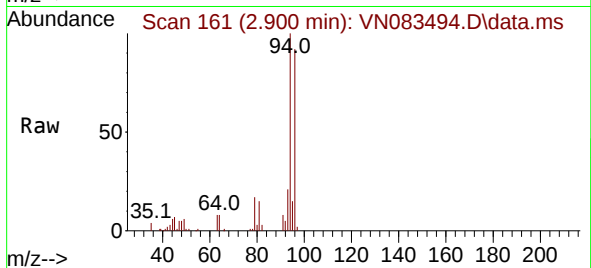
Tgt Ion: 62 Resp: 83530
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.6





#5
Bromomethane
Concen: 47.108 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

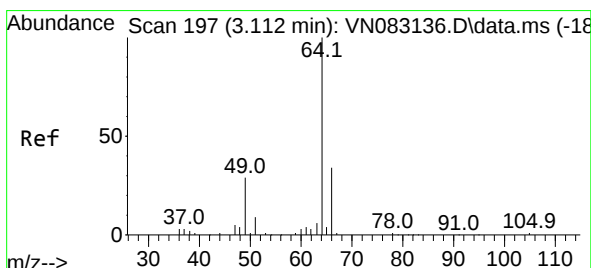
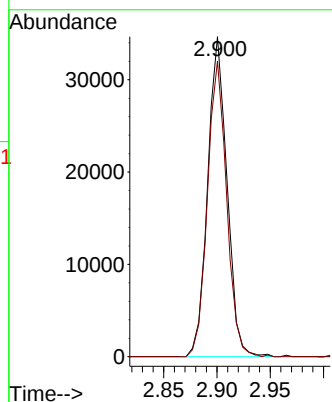
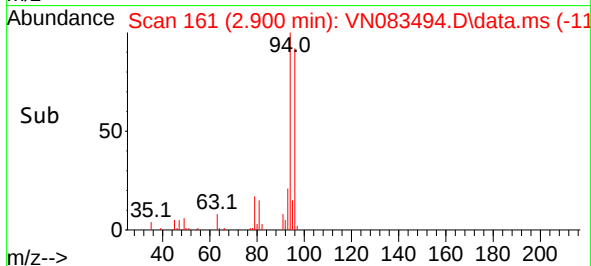
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 43709
Ion Ratio Lower Upper
94 100
96 92.4 78.0 117.0

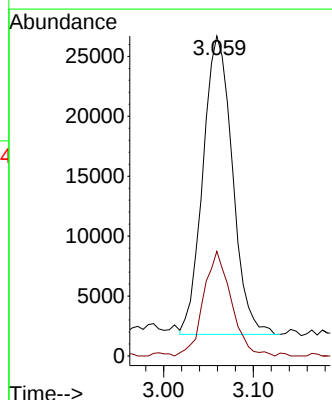
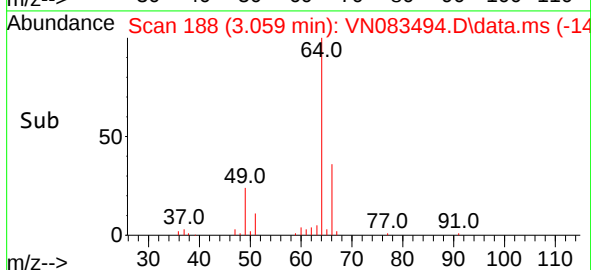
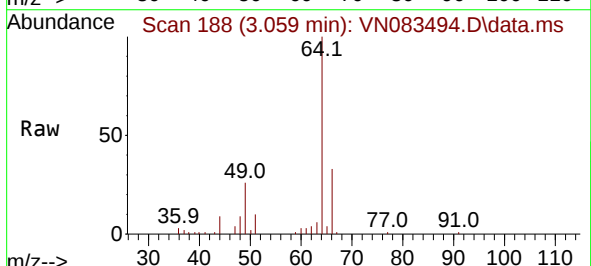
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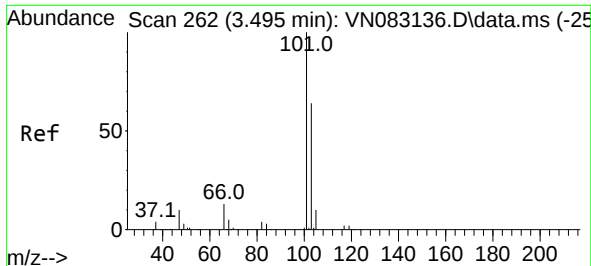
Reviewed By :John Carlone 08/27/2024
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#6
Chloroethane
Concen: 60.665 ug/l
RT: 3.059 min Scan# 188
Delta R.T. -0.053 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

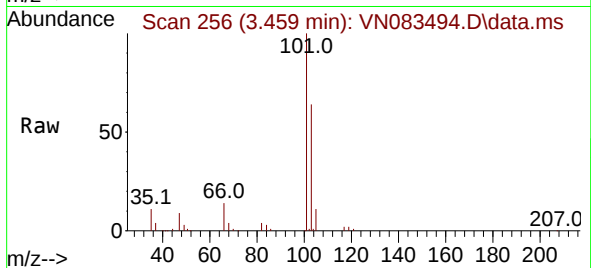
Tgt Ion: 64 Resp: 56754
Ion Ratio Lower Upper
64 100
66 34.1 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 58.899 ug/l
 RT: 3.459 min Scan# 21
 Delta R.T. -0.036 min
 Lab File: VN083494.D
 Acq: 26 Aug 2024 20:11

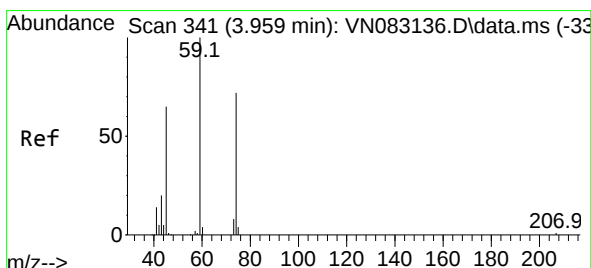
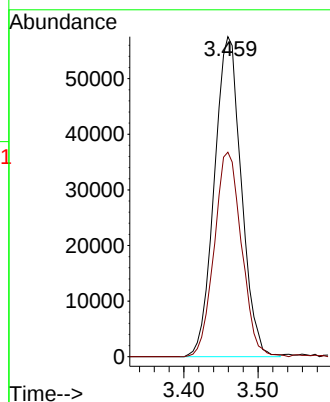
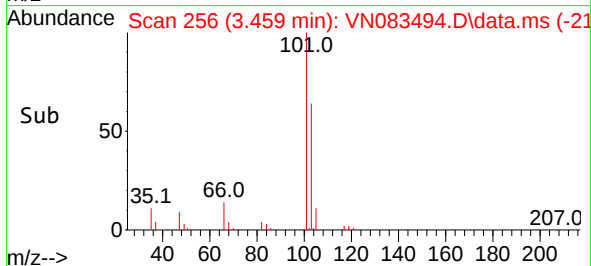
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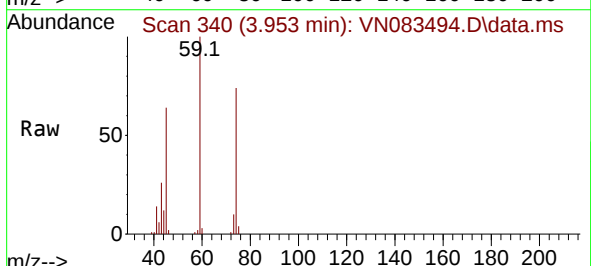
Tgt Ion:101 Resp: 14549
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.7 79.1

Manual Integrations
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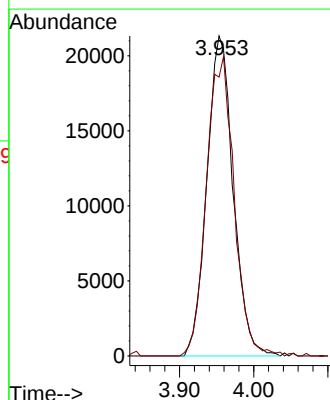
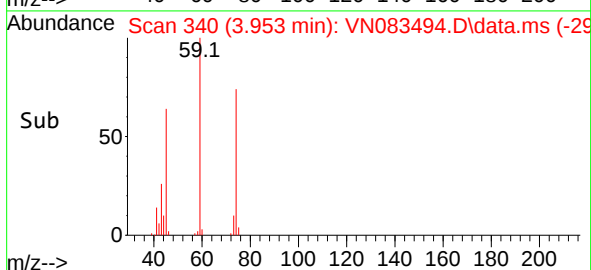
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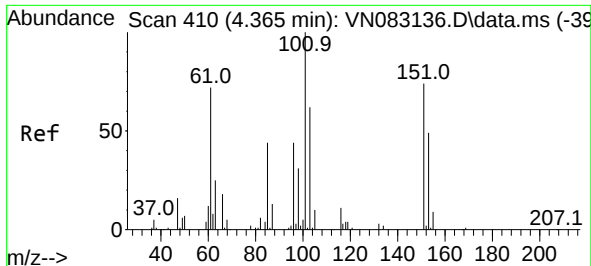


#8
 Diethyl Ether
 Concen: 57.216 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN083494.D
 Acq: 26 Aug 2024 20:11



Tgt Ion: 74 Resp: 52593
 Ion Ratio Lower Upper
 74 100
 45 98.4 55.5 166.3





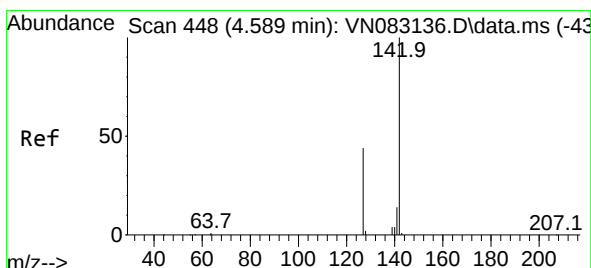
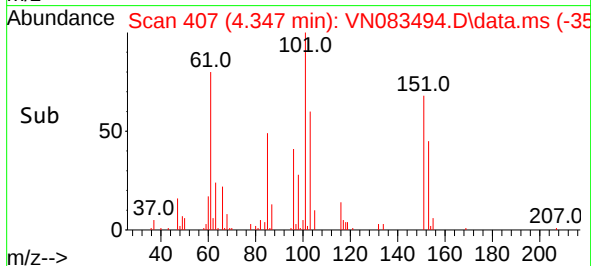
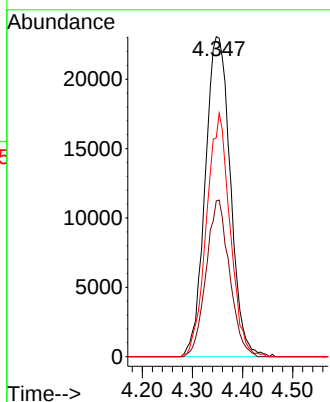
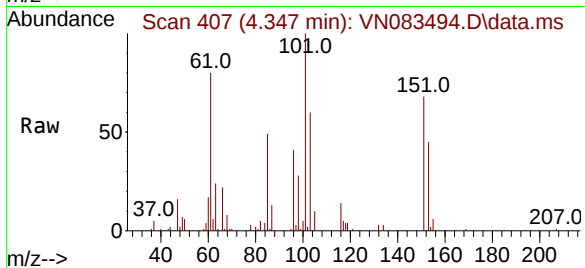
#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.029 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.018 min
Lab File: VN083494.D
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Tgt Ion:101 Resp: 8039
Ion Ratio Lower Upper
101 100
85 45.5 38.3 57.5
151 71.2 59.3 88.9

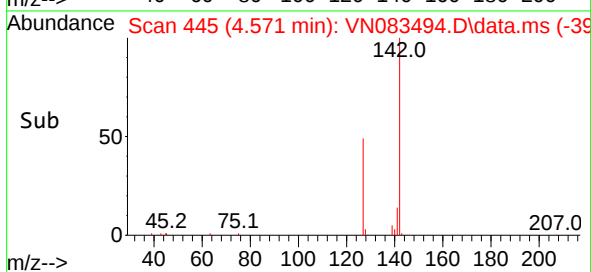
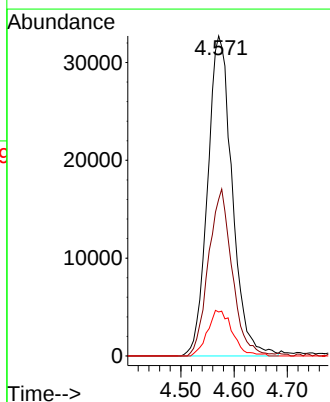
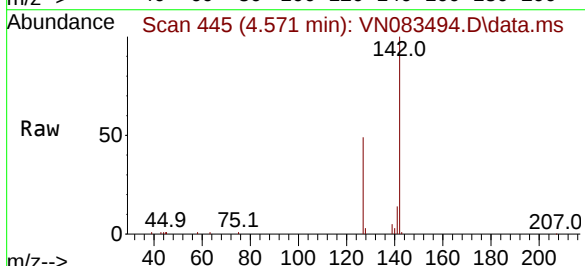
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#10
Methyl Iodide
Concen: 58.466 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.018 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

Tgt Ion:142 Resp: 104744
Ion Ratio Lower Upper
142 100
127 49.0 37.5 56.3
141 13.8 13.1 19.7





#11

Tert butyl alcohol

Concen: 283.039 ug/l

RT: 5.547 min Scan# 611

Delta R.T. 0.018 min

Lab File: VN083494.D

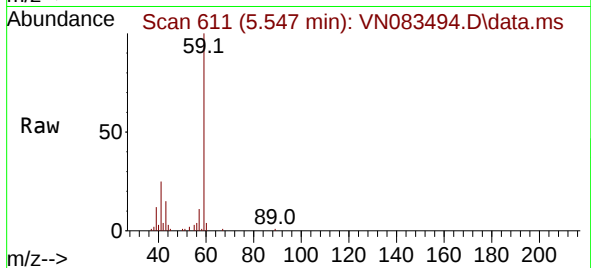
Acq: 26 Aug 2024 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 59 Resp: 105680

Ion Ratio Lower Upper

59 100

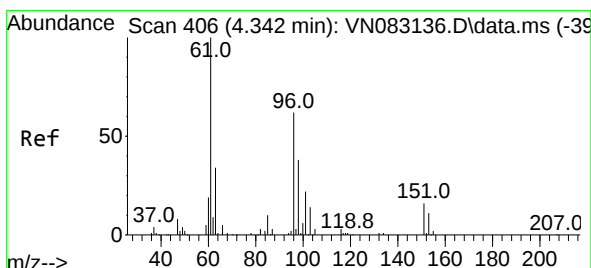
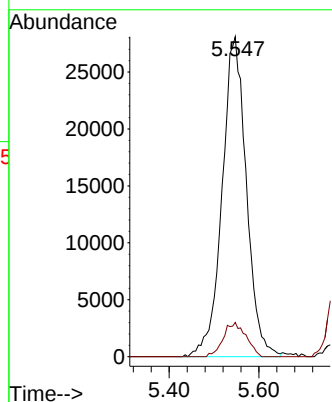
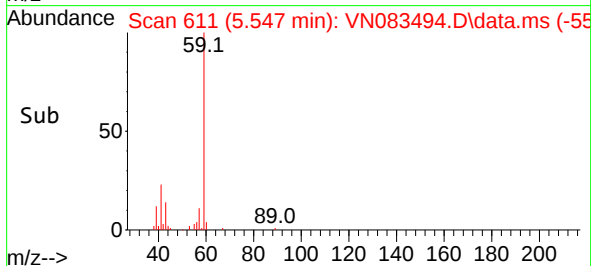
57 10.0 8.9 13.3

Manual Integrations

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Reviewed By :John Carlone 08/27/2024

Supervised By :Mahesh Dadoda 08/27/2024



#12

1,1-Dichloroethene

Concen: 53.776 ug/l

RT: 4.318 min Scan# 402

Delta R.T. -0.024 min

Lab File: VN083494.D

Acq: 26 Aug 2024 20:11

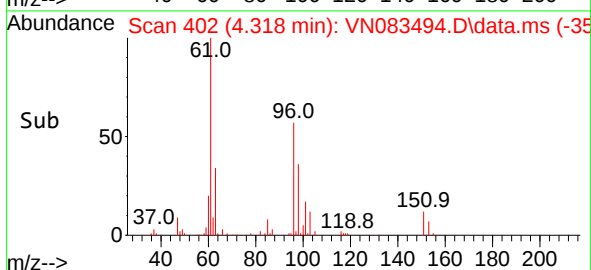
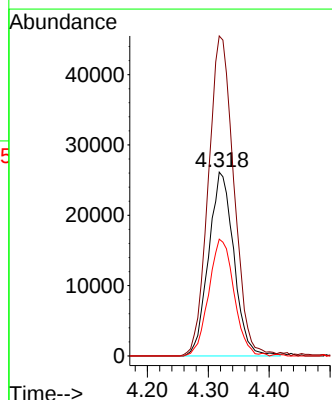
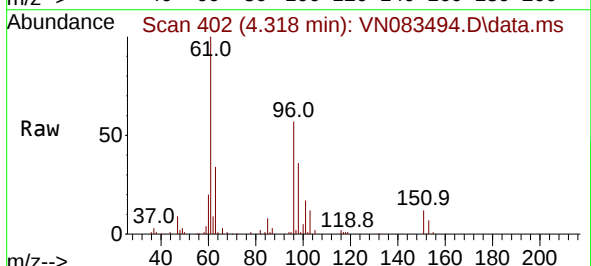
Tgt Ion: 96 Resp: 75244

Ion Ratio Lower Upper

96 100

61 174.1 149.7 224.5

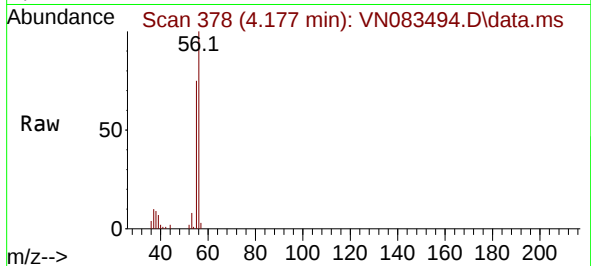
98 63.5 50.1 75.1





#13
Acrolein
Concen: 311.652 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

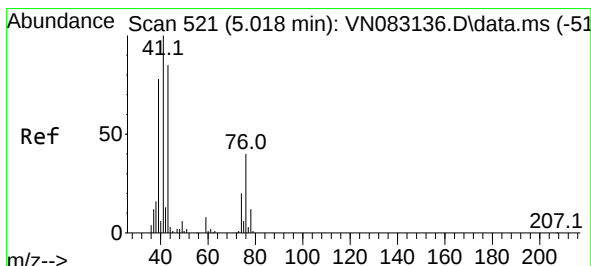
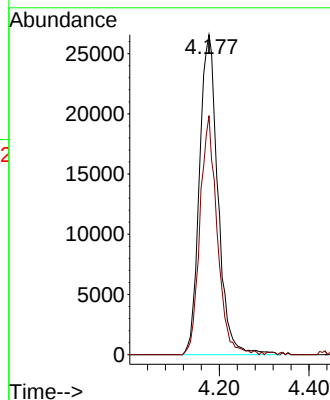
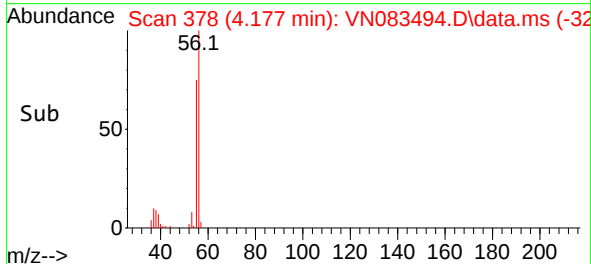
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



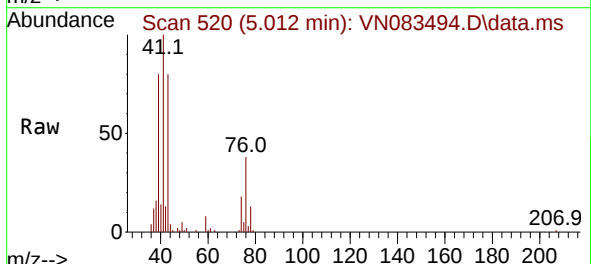
Tgt Ion: 56 Resp: 75839
Ion Ratio Lower Upper
56 100
55 69.9 56.4 84.6

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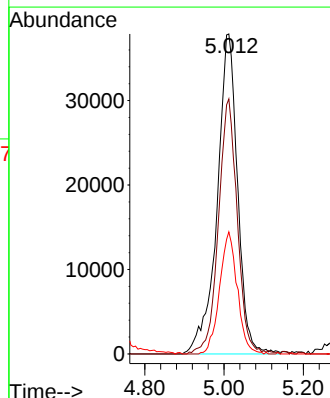
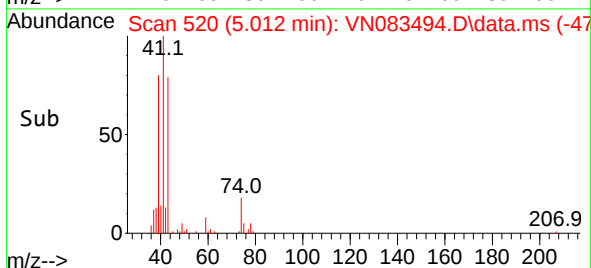
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#14
Allyl chloride
Concen: 51.414 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11



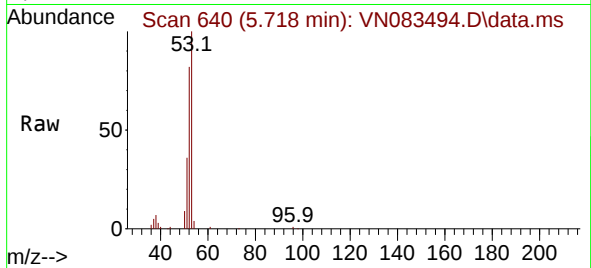
Tgt Ion: 41 Resp: 135947
Ion Ratio Lower Upper
41 100
39 73.0 67.8 101.6
76 33.0 25.8 38.8





#15
Acrylonitrile
Concen: 294.648 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

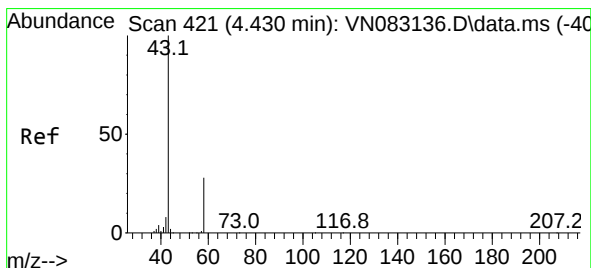
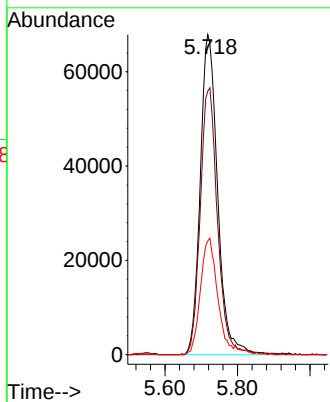
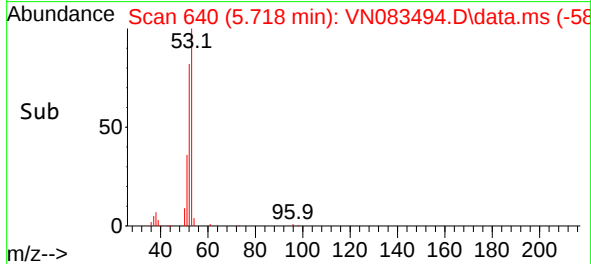
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 226260
Ion Ratio Lower Upper
53 100
52 82.4 66.6 100.0
51 35.4 30.1 45.1

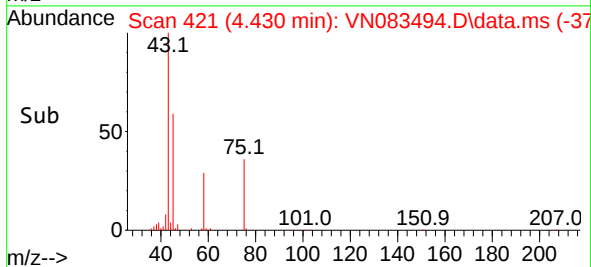
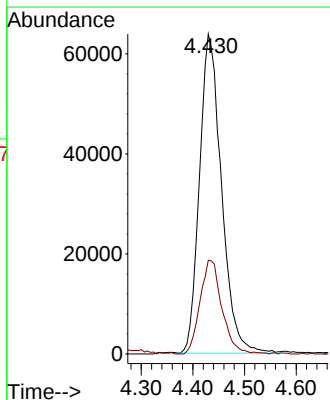
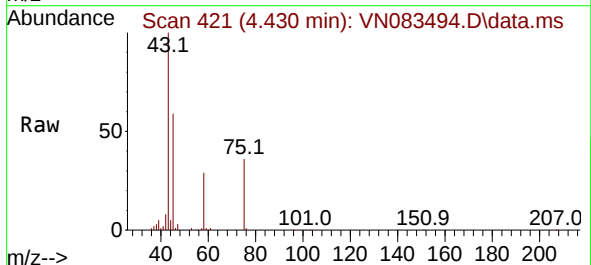
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#16
Acetone
Concen: 268.083 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

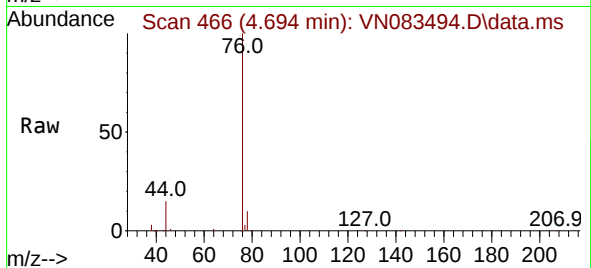
Tgt Ion: 43 Resp: 188468
Ion Ratio Lower Upper
43 100
58 29.4 21.8 32.6





#17
Carbon Disulfide
Concen: 48.532 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.018 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

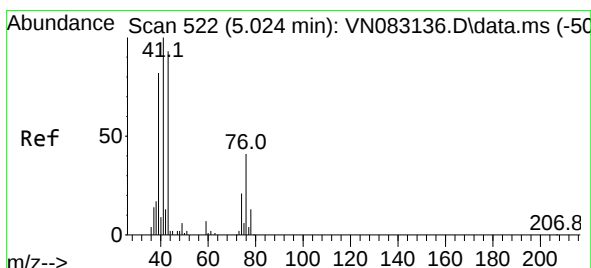
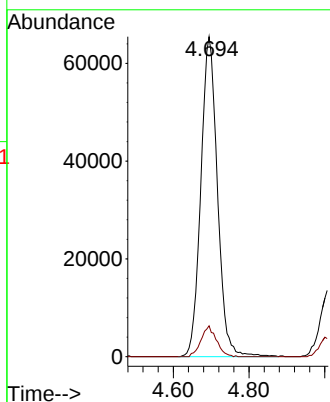
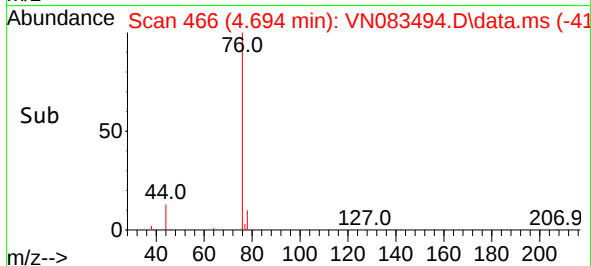
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 198690
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

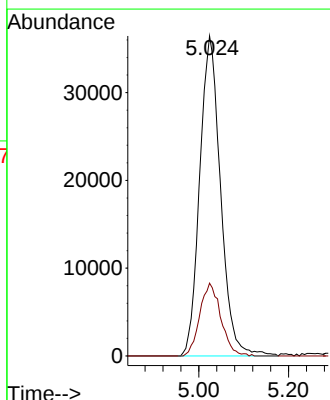
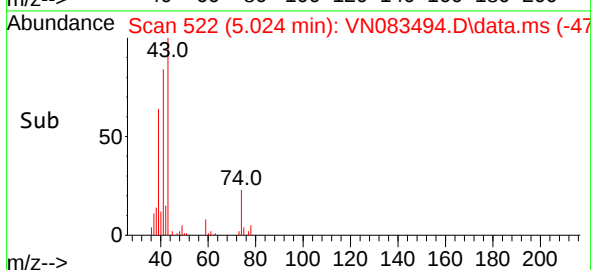
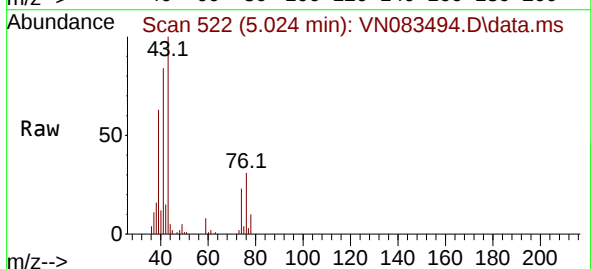
Manual Integrations
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Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#18
Methyl Acetate
Concen: 56.159 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

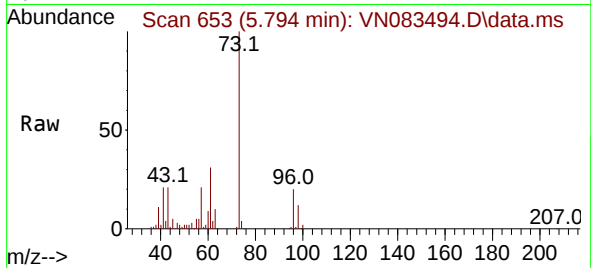
Tgt Ion: 43 Resp: 117630
Ion Ratio Lower Upper
43 100
74 22.9 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 57.343 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

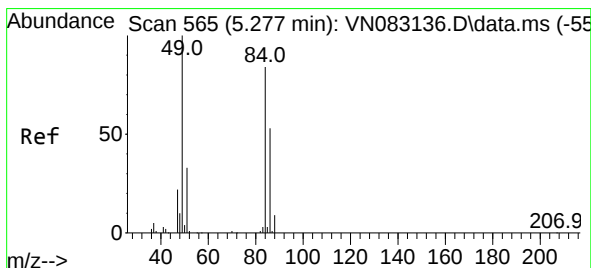
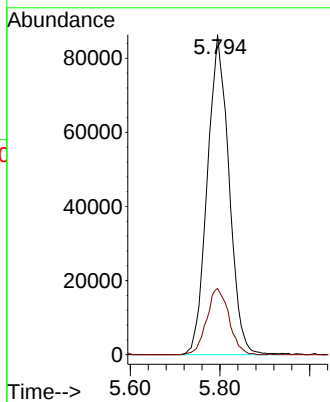
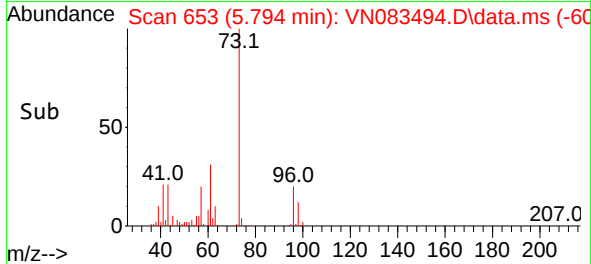
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 28960
Ion Ratio Lower Upper
73 100
57 20.7 17.9 26.9

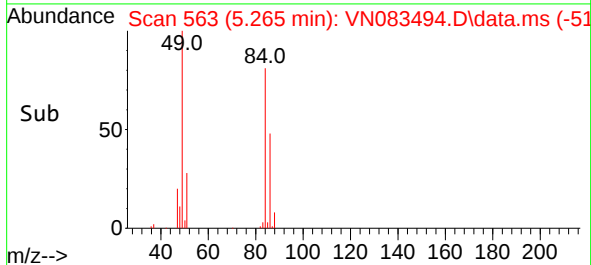
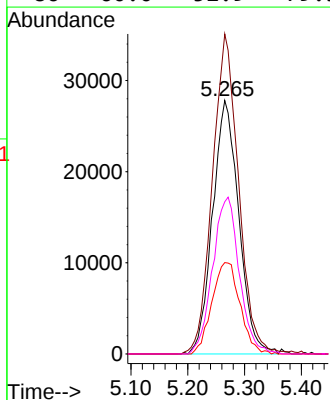
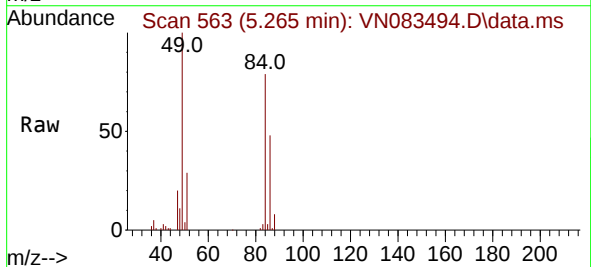
Manual Integrations
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Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#20
Methylene Chloride
Concen: 55.130 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

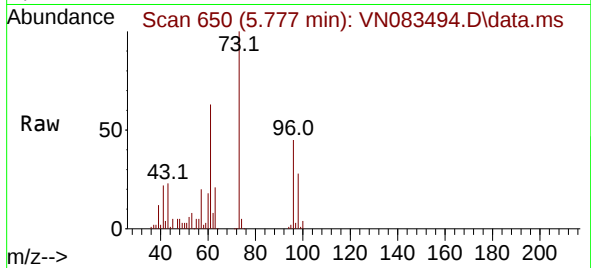
Tgt Ion: 84 Resp: 89199
Ion Ratio Lower Upper
84 100
49 126.2 119.6 179.4
51 36.0 34.8 52.2
86 60.0 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 54.640 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

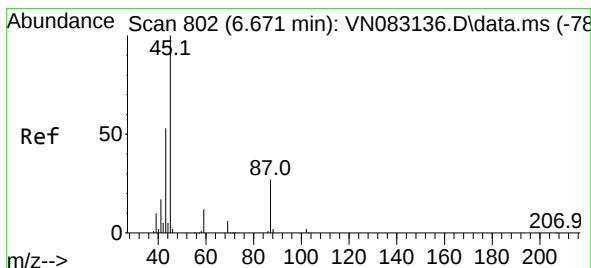
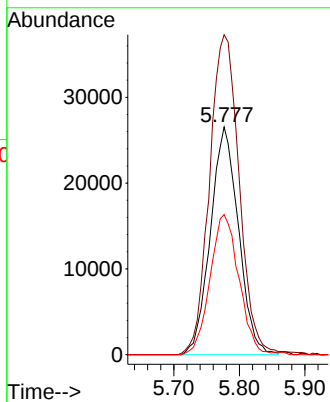
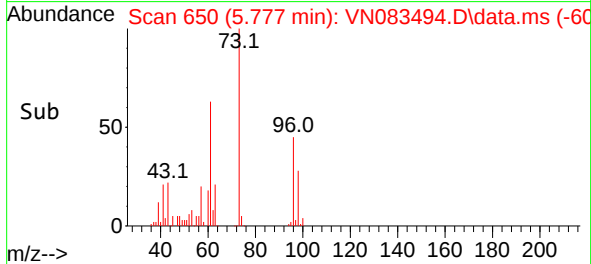
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 7901
Ion Ratio Lower Upper
96 100
61 140.5 123.4 185.2
98 61.6 49.3 73.9

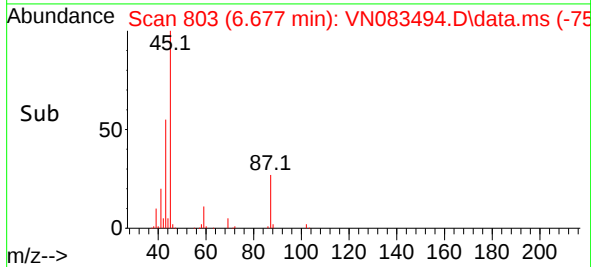
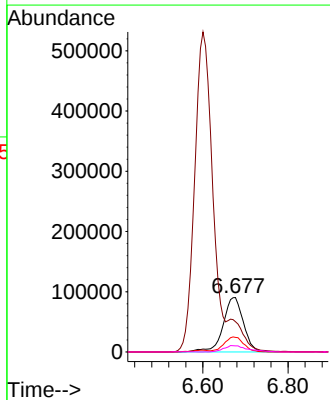
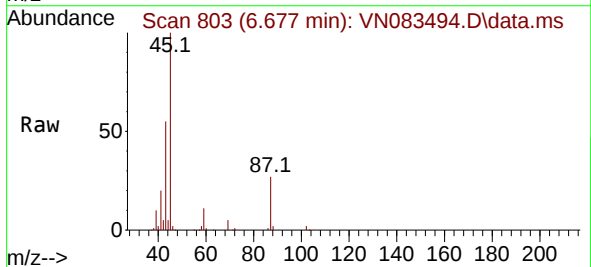
Manual Integrations
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Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#22
Diisopropyl ether
Concen: 60.174 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

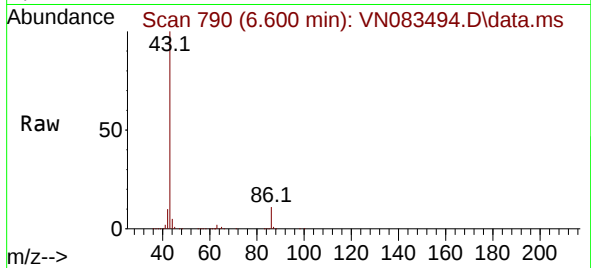
Tgt Ion: 45 Resp: 299082
Ion Ratio Lower Upper
45 100
43 54.3 44.0 66.0
87 26.8 19.7 29.5
59 11.0 8.5 12.7





#23
 Vinyl Acetate
 Concen: 304.561 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN083494.D
 Acq: 26 Aug 2024 20:11

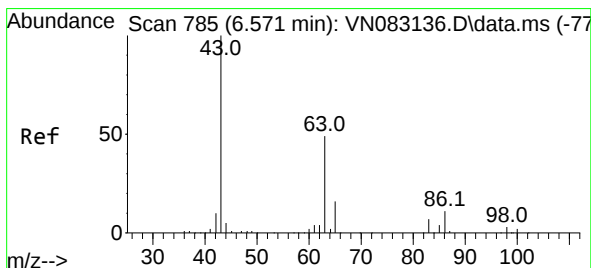
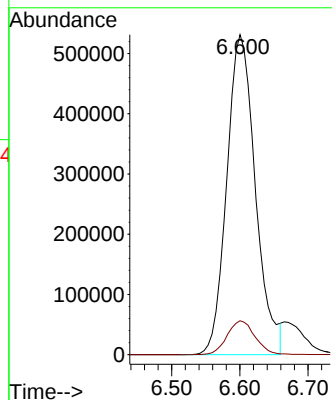
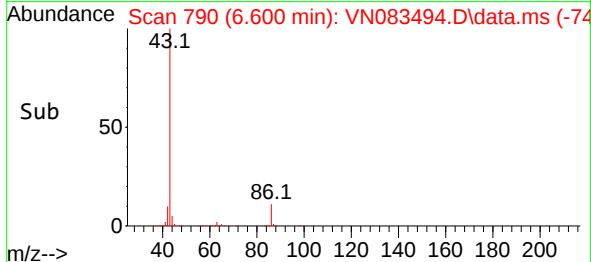
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



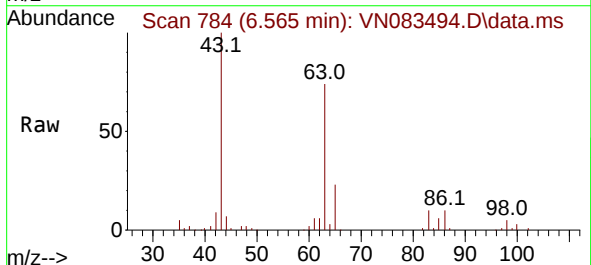
Tgt Ion: 43 Resp: 155156
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.3 10.9

Manual Integrations
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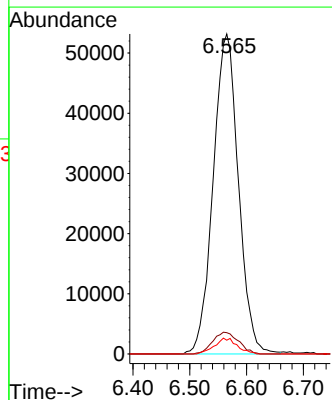
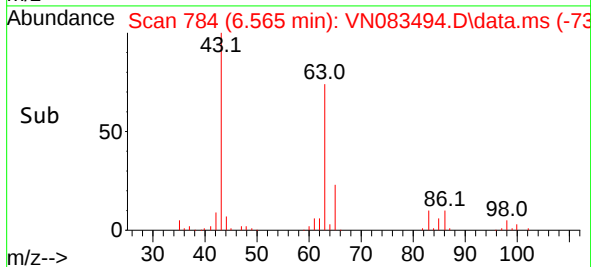
Reviewed By :John Carlone 08/27/2024
 Supervised By :Mahesh Dadoda 08/27/2024

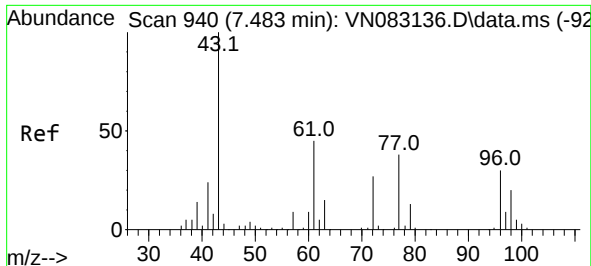


#24
 1,1-Dichloroethane
 Concen: 60.552 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN083494.D
 Acq: 26 Aug 2024 20:11



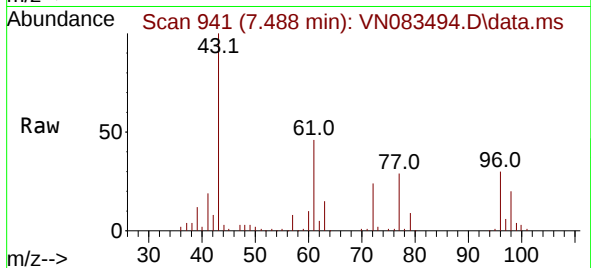
Tgt Ion: 63 Resp: 164043
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.3 2.0 6.0





#25
2-Butanone
Concen: 284.024 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

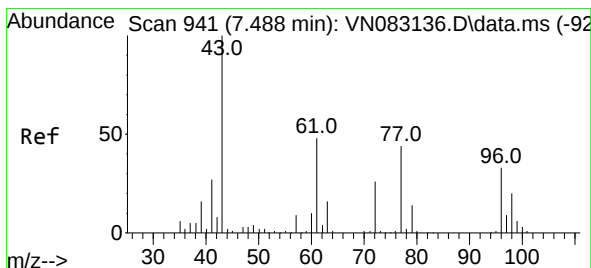
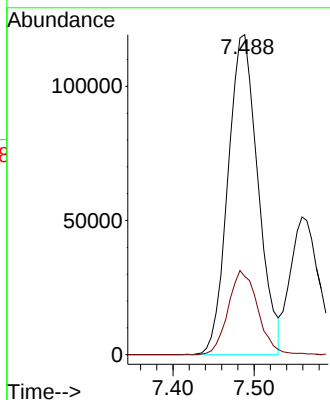
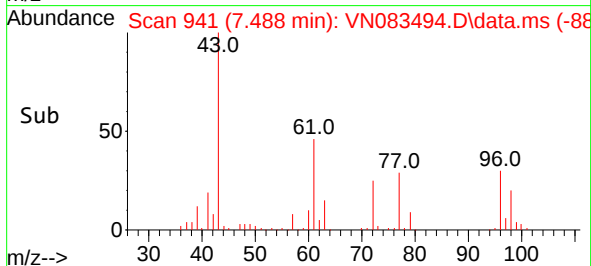
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 306594
Ion Ratio Lower Upper
43 100
72 24.5 18.2 27.2

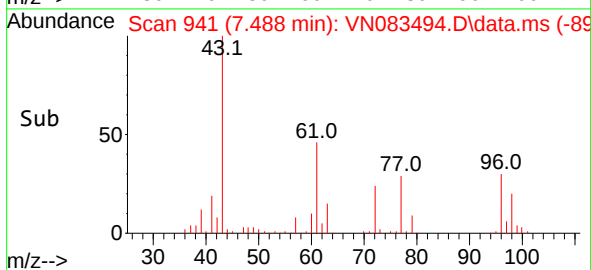
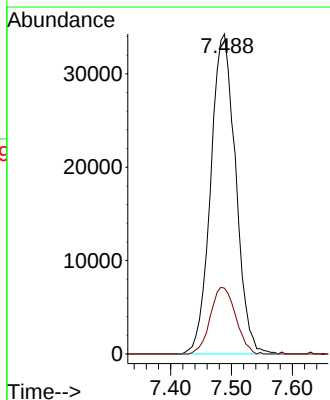
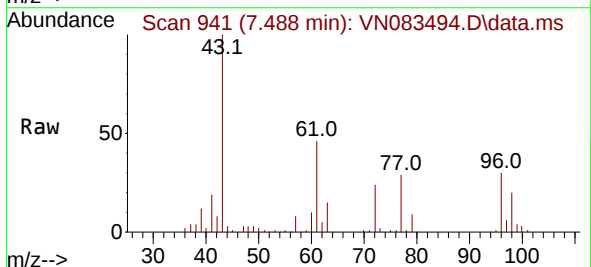
Manual Integrations
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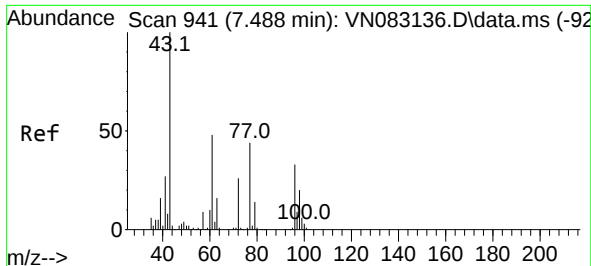
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#26
2,2-Dichloropropane
Concen: 38.733 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

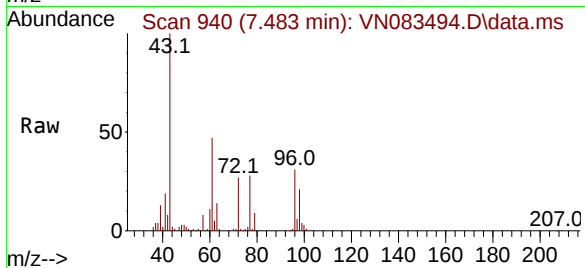
Tgt Ion: 77 Resp: 97450
Ion Ratio Lower Upper
77 100
97 21.2 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 57.018 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN083494.D
 Acq: 26 Aug 2024 20:11

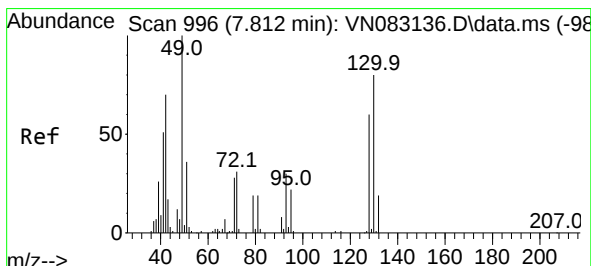
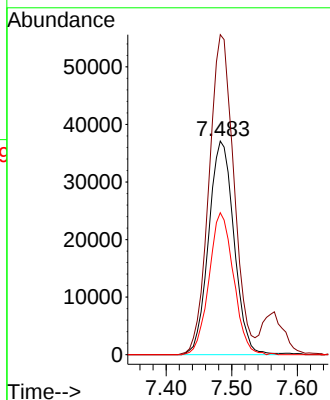
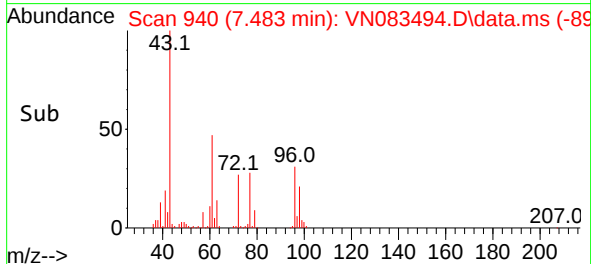
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 99500
 Ion Ratio Lower Upper
 96 100
 61 147.6 0.0 329.6
 98 64.4 0.0 128.6

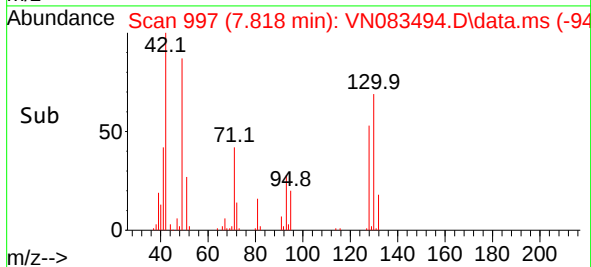
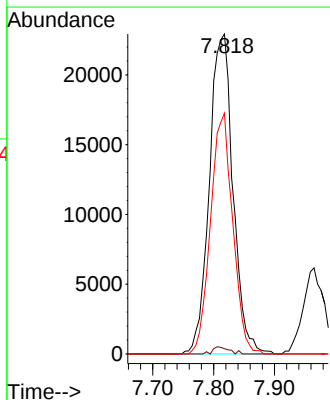
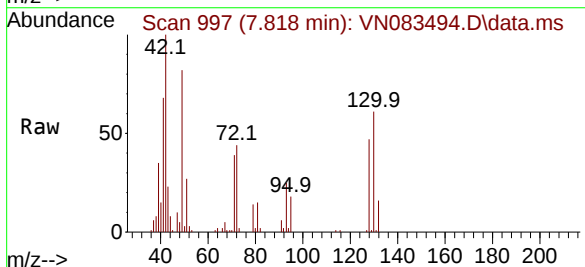
Manual Integrations
 APPROVED

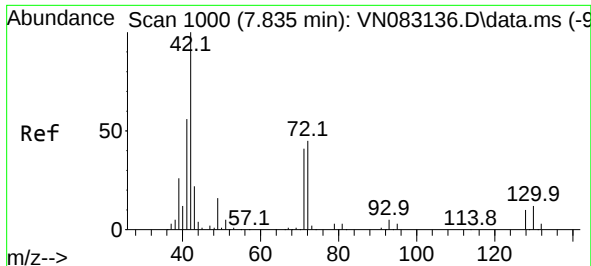
Reviewed By :John Carlone 08/27/2024
 Supervised By :Mahesh Dadoda 08/27/2024



#28
 Bromochloromethane
 Concen: 55.980 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN083494.D
 Acq: 26 Aug 2024 20:11

Tgt Ion: 49 Resp: 61978
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 70.4 50.5 75.7





#29

Tetrahydrofuran

Concen: 292.711 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN083494.D

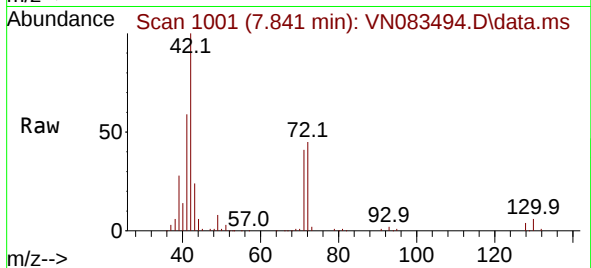
Acq: 26 Aug 2024 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



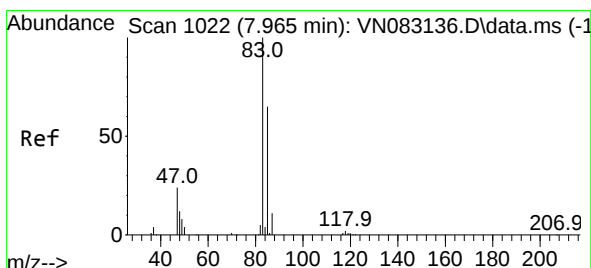
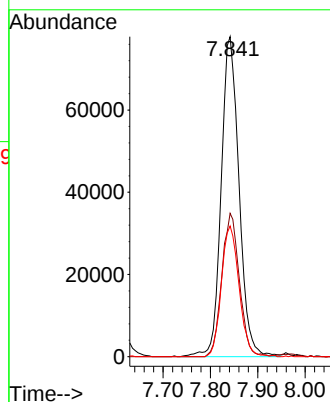
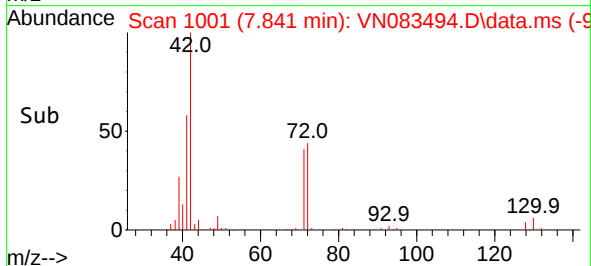
Tgt Ion:	42	Resp:	20425
Ion Ratio	Lower	Upper	
42	100		
72	44.0	30.0	45.0
71	40.5	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2024

Supervised By :Mahesh Dadoda 08/27/2024



#30

Chloroform

Concen: 61.966 ug/l

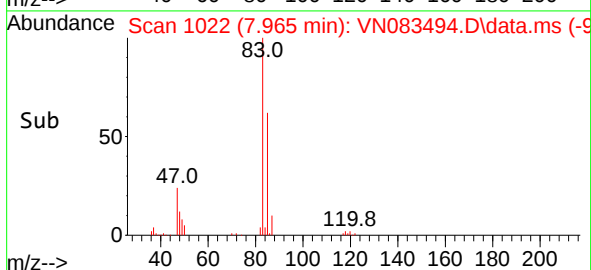
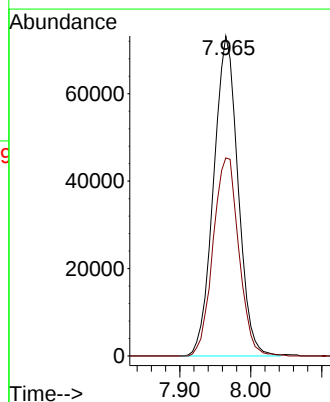
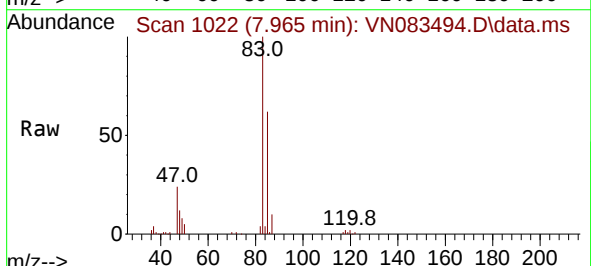
RT: 7.965 min Scan# 1022

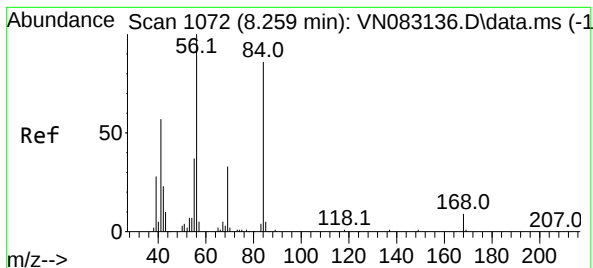
Delta R.T. -0.000 min

Lab File: VN083494.D

Acq: 26 Aug 2024 20:11

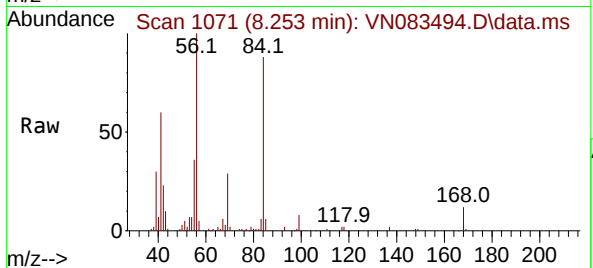
Tgt Ion:	83	Resp:	174409
Ion Ratio	Lower	Upper	
83	100		
85	61.9	50.9	76.3





#31
Cyclohexane
Concen: 52.120 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

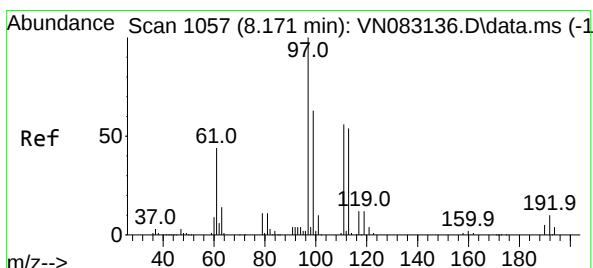
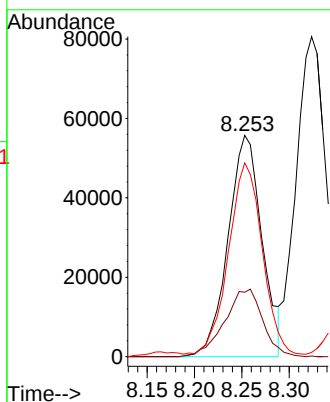
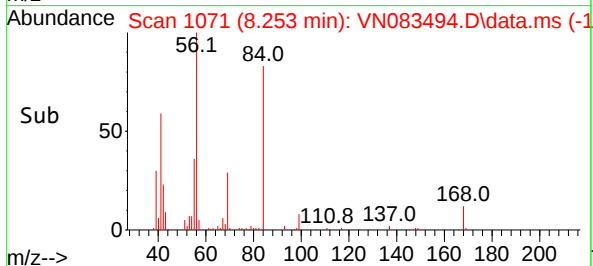
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 138770
Ion Ratio Lower Upper
56 100
69 29.1 24.5 36.7
84 85.9 66.0 99.0

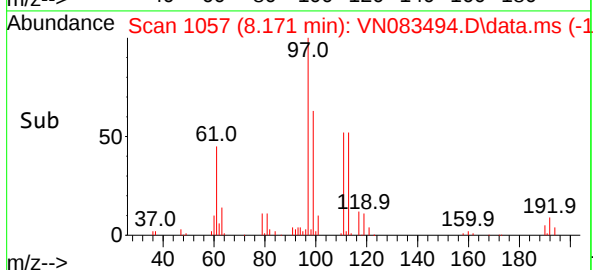
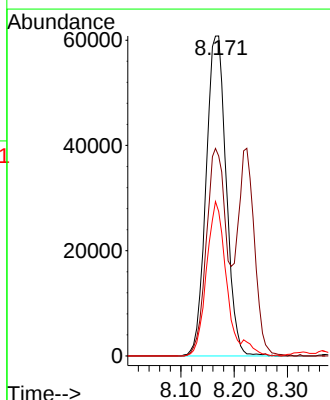
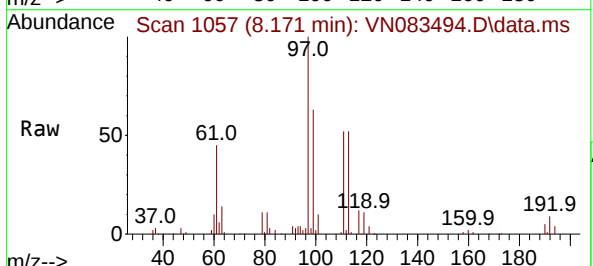
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#32
1,1,1-Trichloroethane
Concen: 59.923 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

Tgt Ion: 97 Resp: 159642
Ion Ratio Lower Upper
97 100
99 63.6 52.0 78.0
61 46.0 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 60.741 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083494.D

Acq: 26 Aug 2024 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 109129

Ion Ratio Lower Upper

65 100

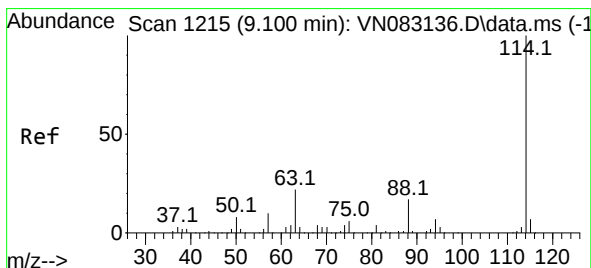
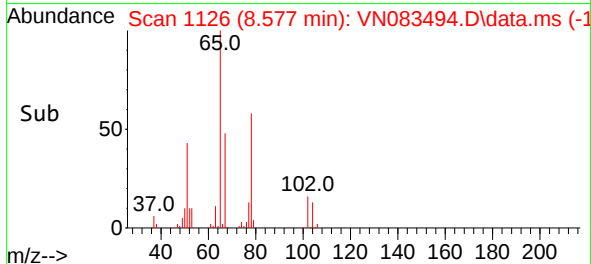
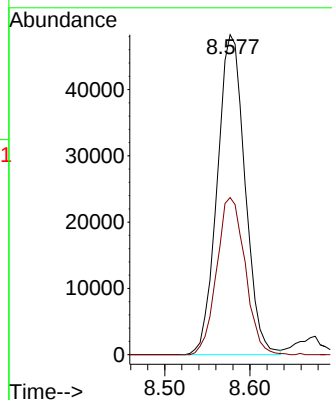
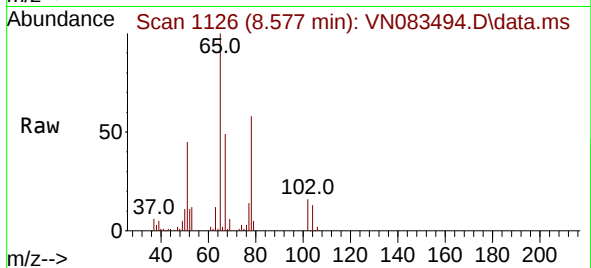
67 50.3 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2024

Supervised By :Mahesh Dadoda 08/27/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083494.D

Acq: 26 Aug 2024 20:11

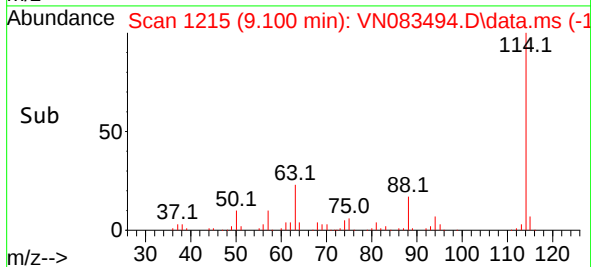
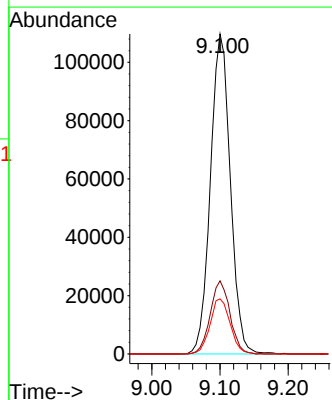
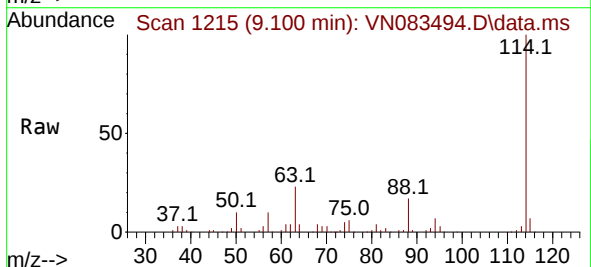
Tgt Ion:114 Resp: 223248

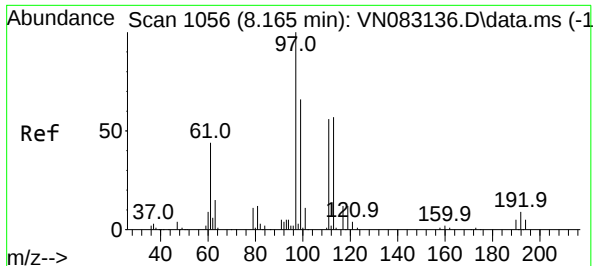
Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

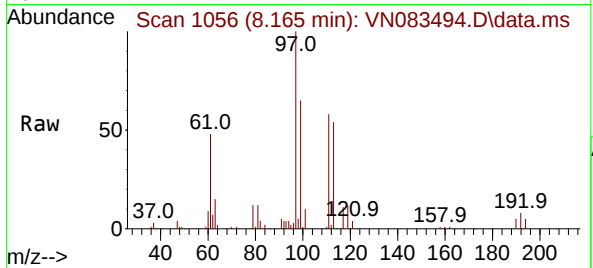
88 17.2 0.0 31.4





#35
Dibromofluoromethane
Concen: 56.503 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

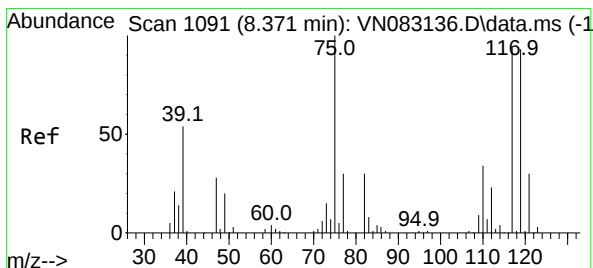
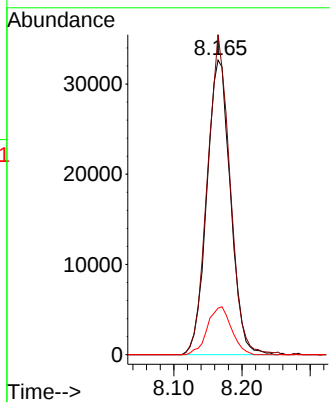
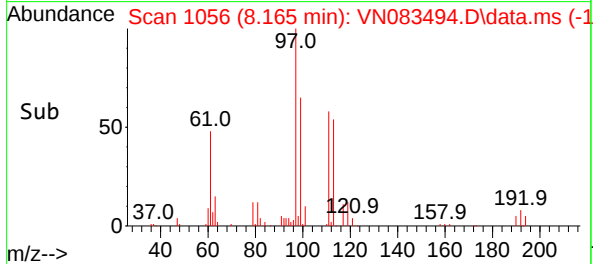
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



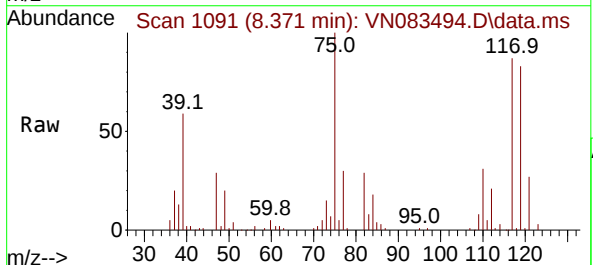
Tgt Ion: 113 Resp: 78735
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 16.5 14.9 22.3

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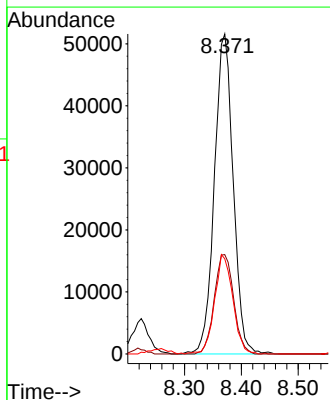
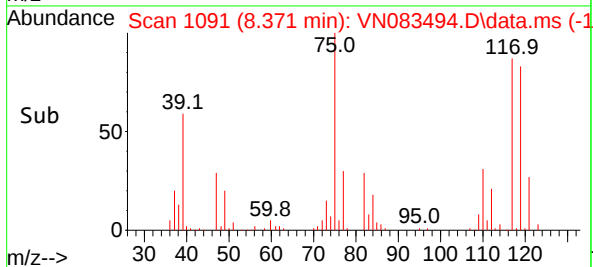
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#36
1,1-Dichloropropene
Concen: 56.273 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11



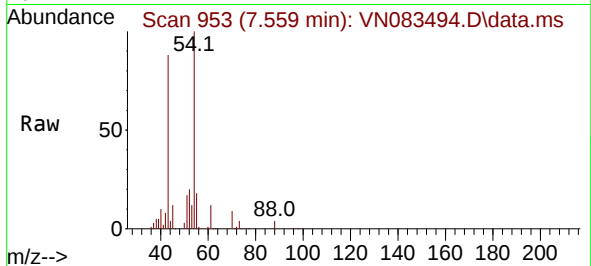
Tgt Ion: 75 Resp: 118619
Ion Ratio Lower Upper
75 100
110 32.0 16.3 48.9
77 30.1 24.6 37.0





#37
Ethyl Acetate
Concen: 54.423 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

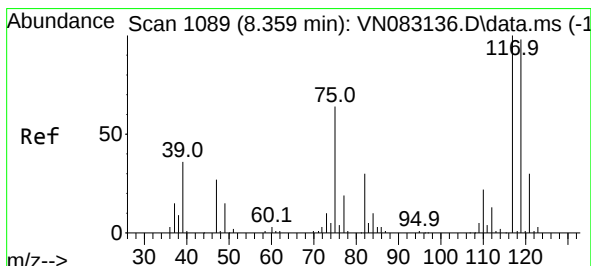
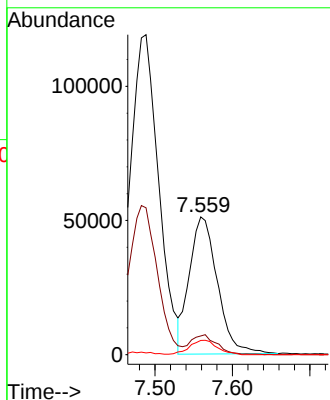
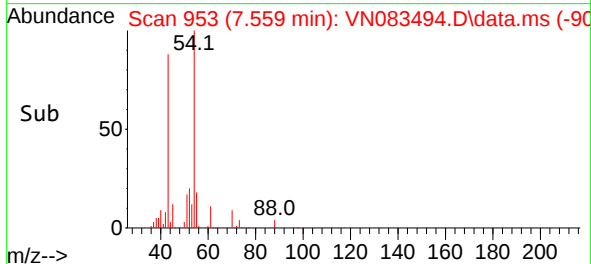
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 12844
Ion Ratio Lower Upper
43 100
61 13.6 9.3 13.9
70 10.3 7.0 10.6

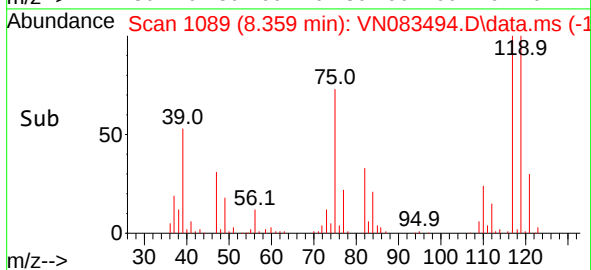
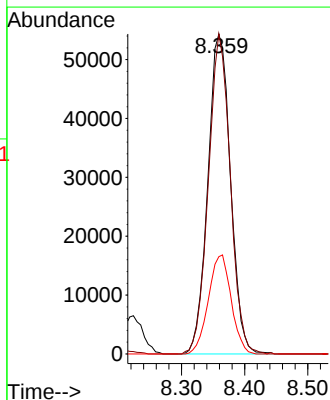
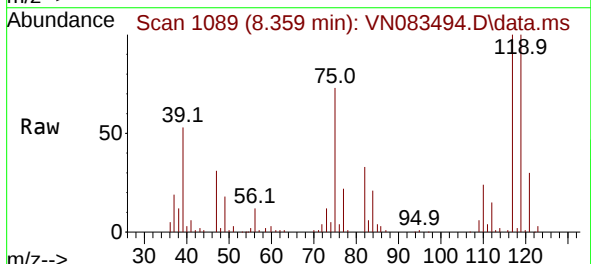
Manual Integrations
APPROVED

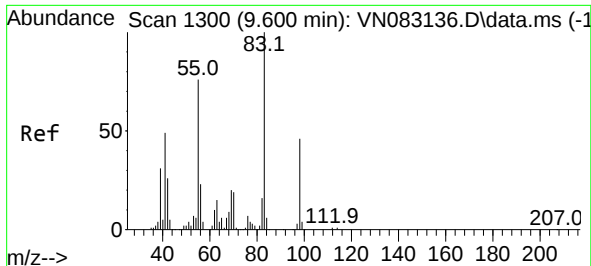
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#38
Carbon Tetrachloride
Concen: 57.074 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

Tgt Ion:117 Resp: 135505
Ion Ratio Lower Upper
117 100
119 100.0 74.9 112.3
121 30.4 24.3 36.5





#39

Methylcyclohexane

Concen: 51.608 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083494.D

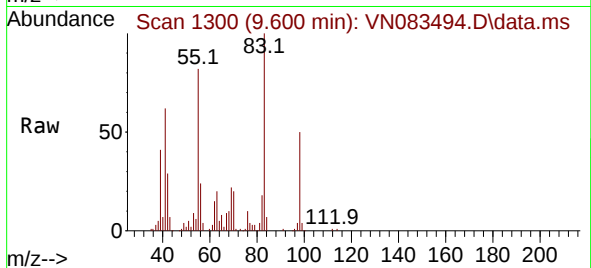
Acq: 26 Aug 2024 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



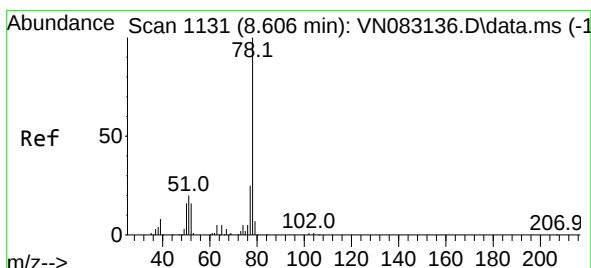
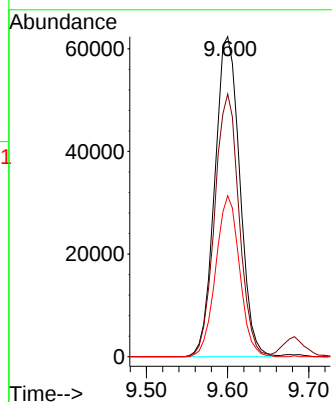
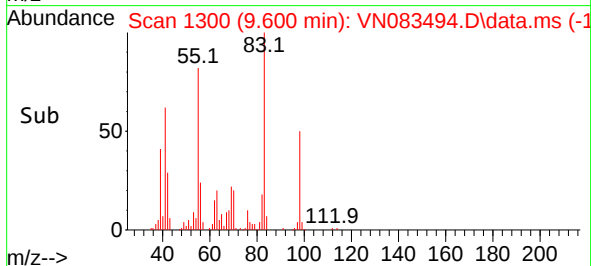
Tgt Ion:	83	Resp:	13361
Ion Ratio	Lower	Upper	
83	100		
55	82.1	66.4	99.6
98	50.3	40.7	61.1

Manual Integrations

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Reviewed By :John Carlone 08/27/2024

Supervised By :Mahesh Dadoda 08/27/2024



#40

Benzene

Concen: 58.330 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN083494.D

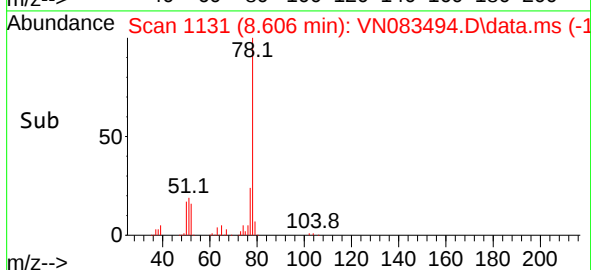
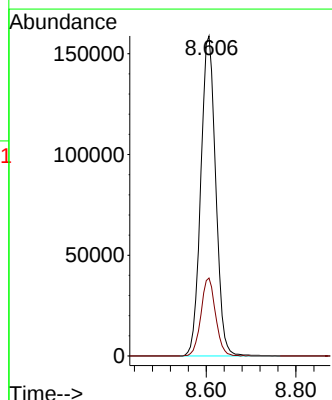
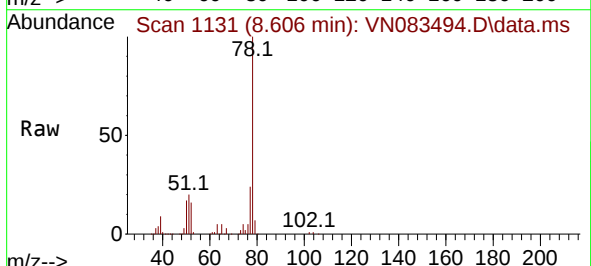
Acq: 26 Aug 2024 20:11

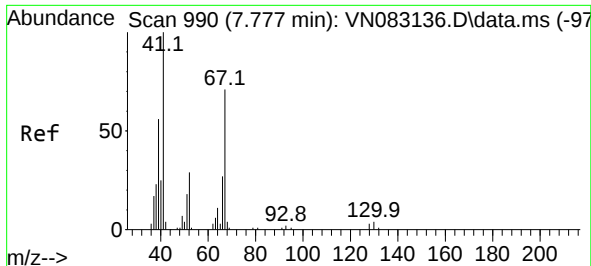
Tgt Ion: 78 Resp: 366290

Ion Ratio Lower Upper

78 100

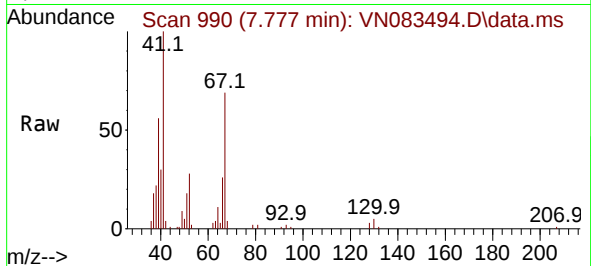
77 24.3 19.0 28.4





#41
Methacrylonitrile
Concen: 51.933 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

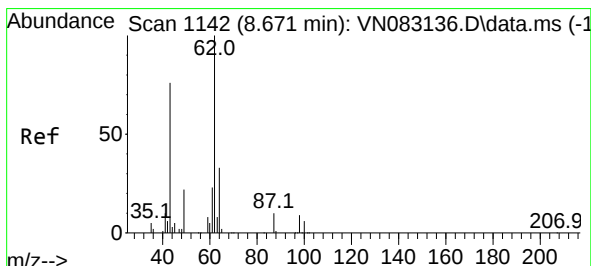
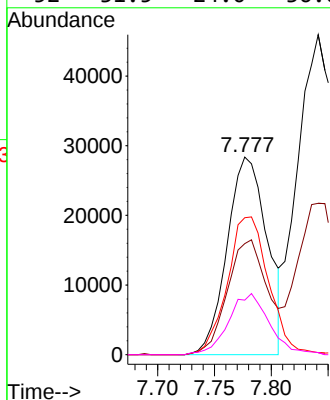
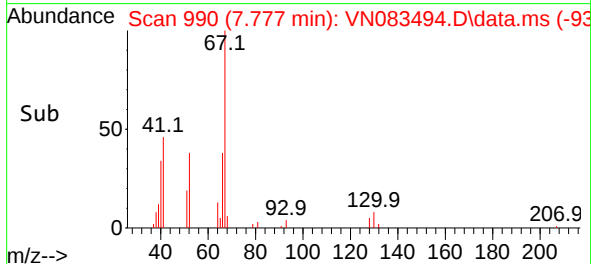
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



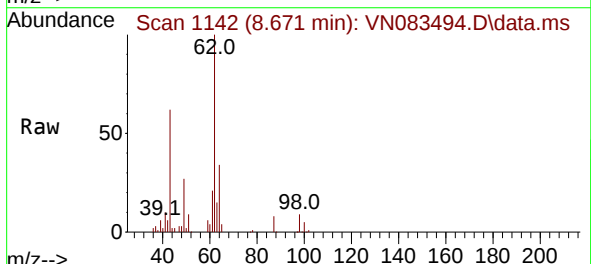
Tgt Ion: 41 Resp: 69692
Ion Ratio Lower Upper
41 100
39 57.6 45.5 68.3
67 71.8 50.5 75.7
52 31.5 24.0 36.0

Manual Integrations
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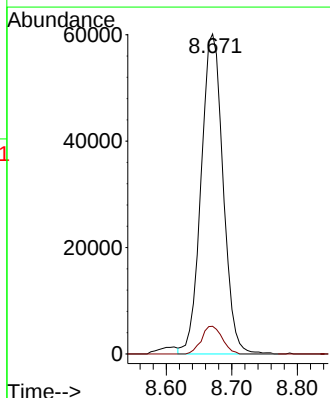
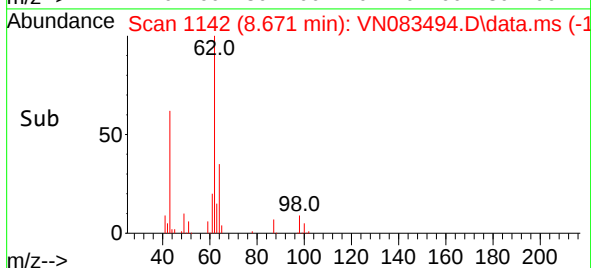
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

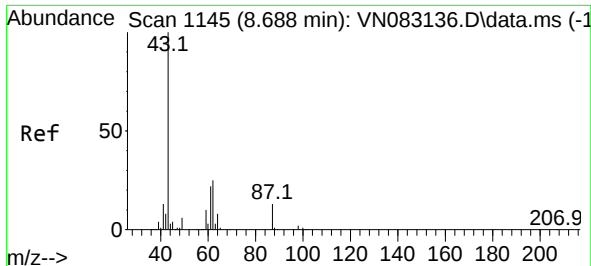


#42
1,2-Dichloroethane
Concen: 61.335 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11



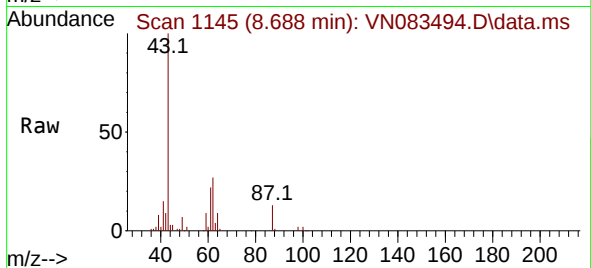
Tgt Ion: 62 Resp: 140306
Ion Ratio Lower Upper
62 100
98 8.1 0.0 15.8





#43
Isopropyl Acetate
Concen: 53.748 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

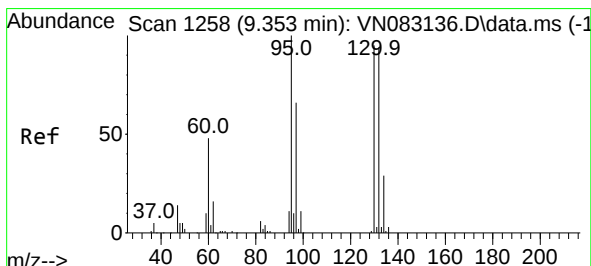
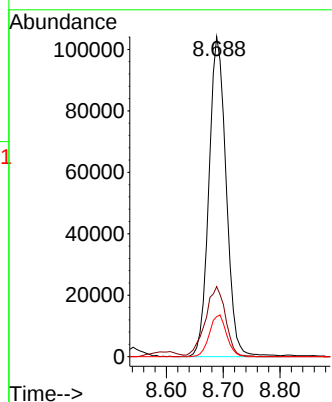
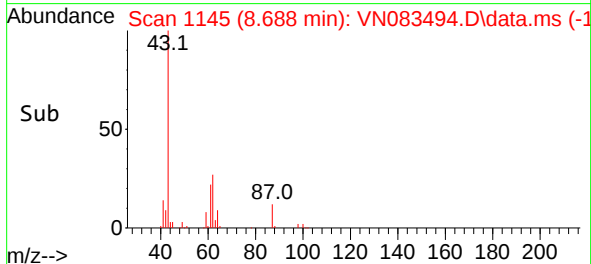
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 21893
Ion Ratio Lower Upper
43 100
61 25.8 17.8 26.6
87 13.0 8.2 12.2

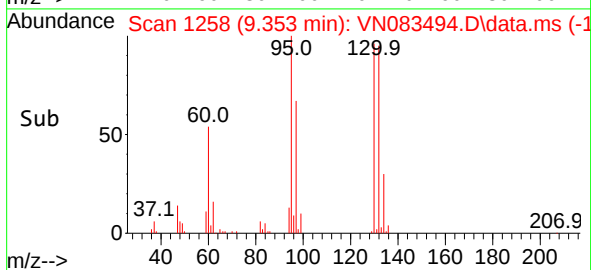
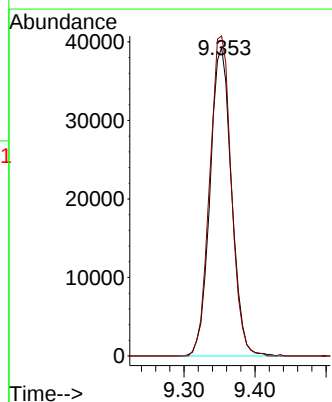
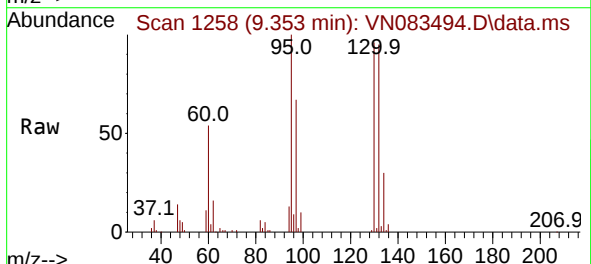
Manual Integrations
APPROVED

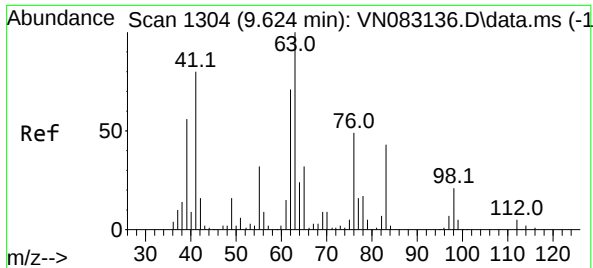
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#44
Trichloroethene
Concen: 55.132 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

Tgt Ion:130 Resp: 82404
Ion Ratio Lower Upper
130 100
95 103.8 0.0 197.8





#45

1,2-Dichloropropane

Concen: 60.475 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083494.D

Acq: 26 Aug 2024 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050EC

Tgt Ion: 63 Resp: 90144

Ion Ratio Lower Upper

63 100

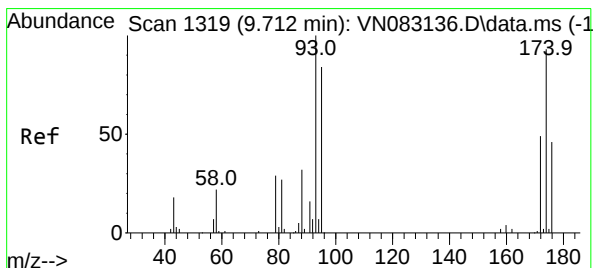
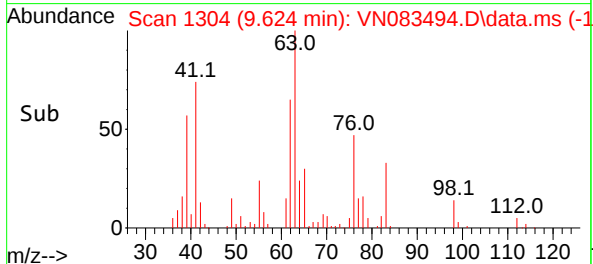
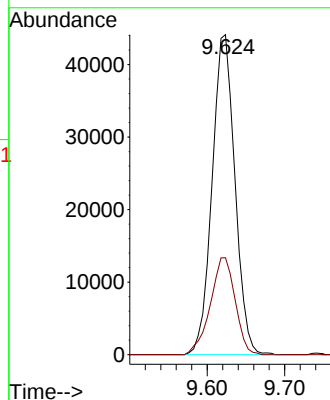
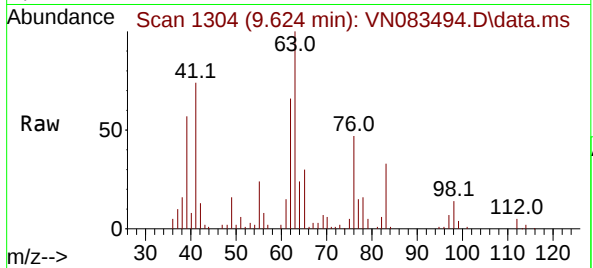
65 30.3 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2024

Supervised By :Mahesh Dadoda 08/27/2024



#46

Dibromomethane

Concen: 60.889 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN083494.D

Acq: 26 Aug 2024 20:11

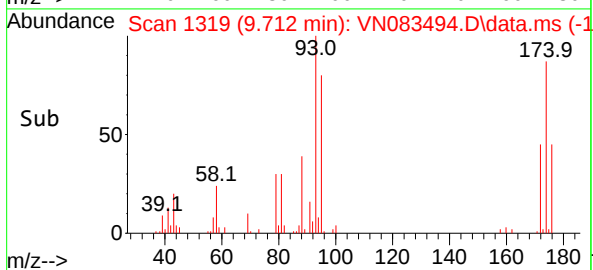
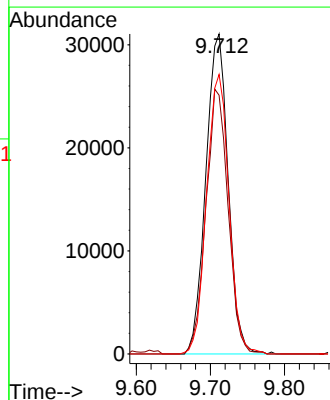
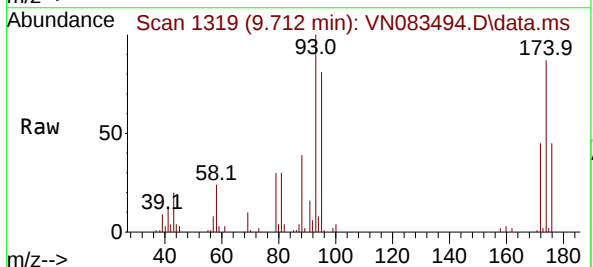
Tgt Ion: 93 Resp: 64964

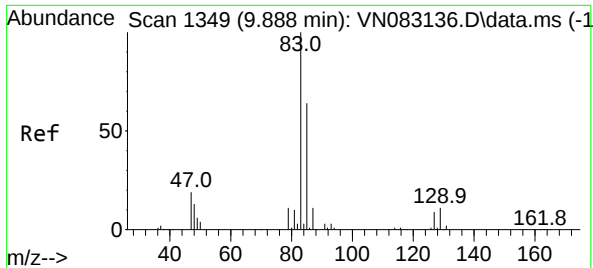
Ion Ratio Lower Upper

93 100

95 82.1 65.8 98.6

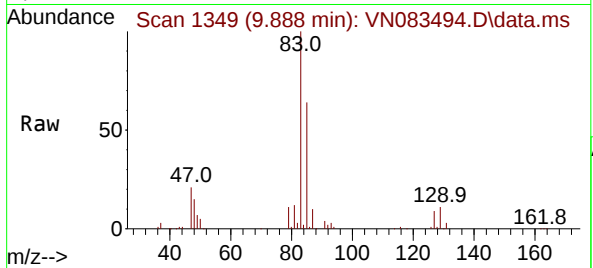
174 87.6 71.7 107.5





#47
Bromodichloromethane
Concen: 58.200 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

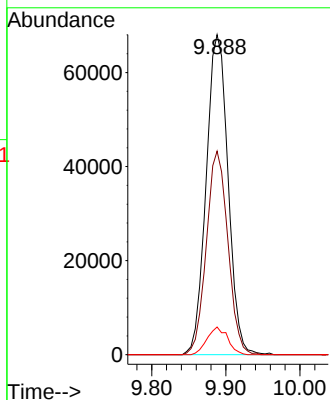
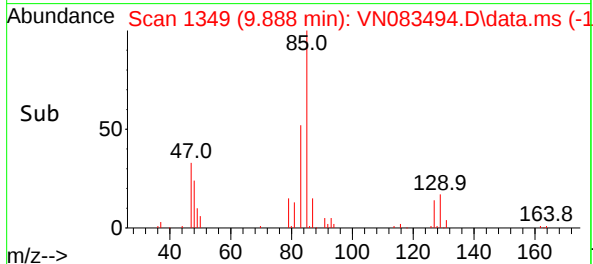
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 139420
Ion Ratio Lower Upper
83 100
85 63.6 51.1 76.7
127 8.6 7.2 10.8

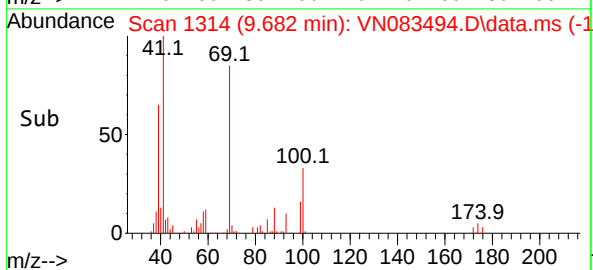
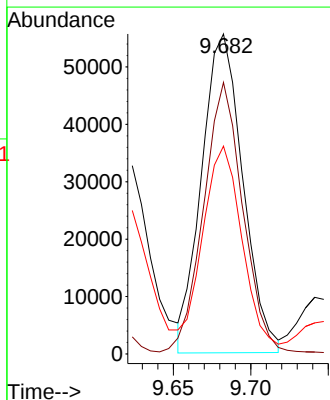
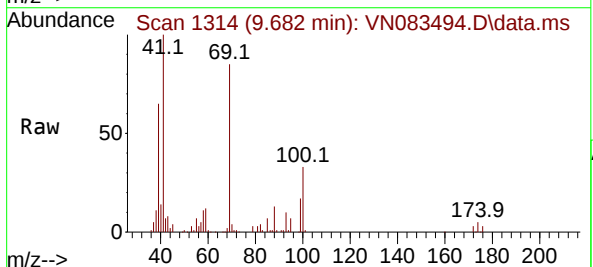
Manual Integrations
APPROVED

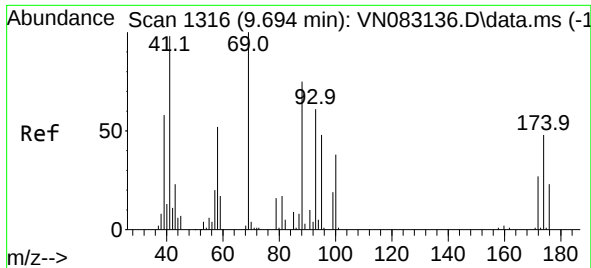
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#48
Methyl methacrylate
Concen: 52.610 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

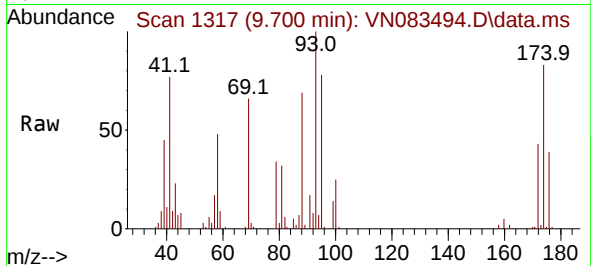
Tgt Ion: 41 Resp: 102655
Ion Ratio Lower Upper
41 100
69 82.3 56.3 84.5
39 63.4 50.3 75.5





#49
1,4-Dioxane
Concen: 1080.454 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

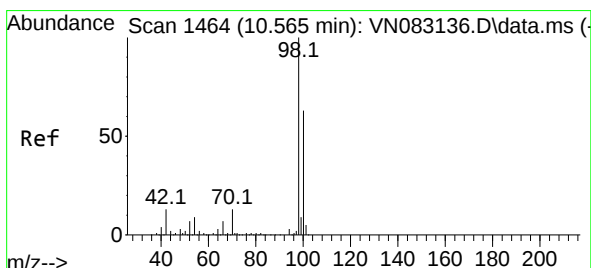
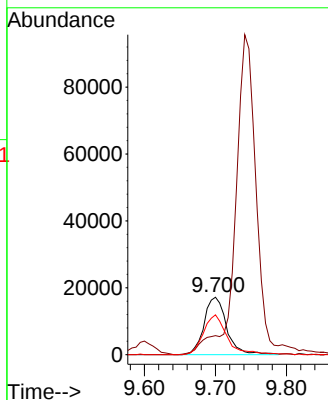
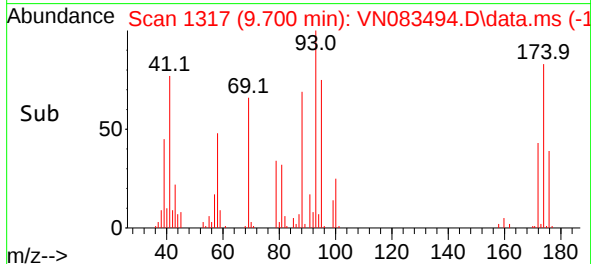
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 3803
Ion Ratio Lower Upper
88 100
43 0.0 27.8 41.8
58 73.1 59.4 89.0

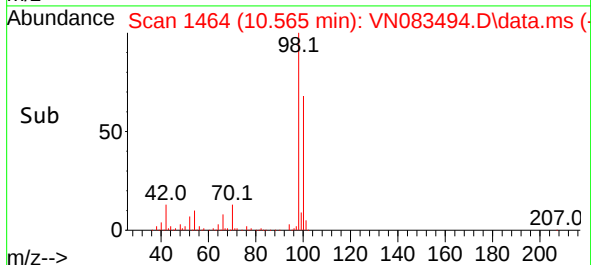
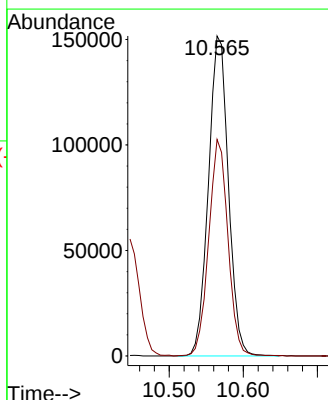
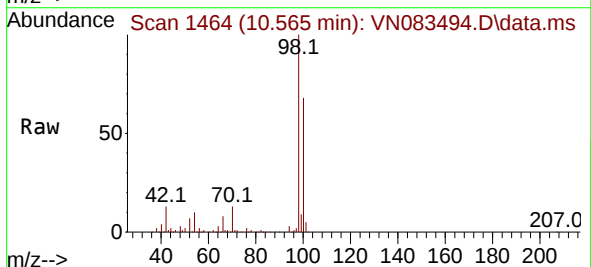
Manual Integrations
APPROVED

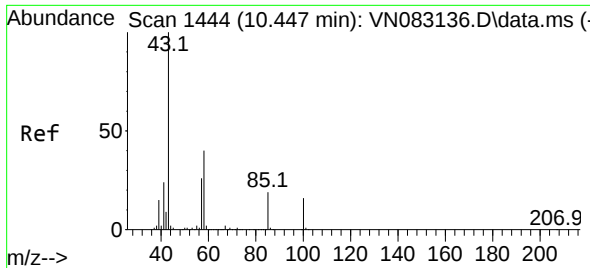
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#50
Toluene-d8
Concen: 54.472 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

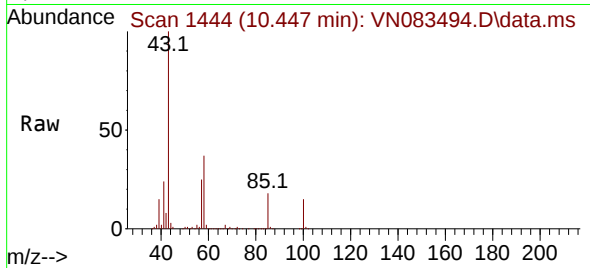
Tgt Ion: 98 Resp: 283143
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 294.082 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

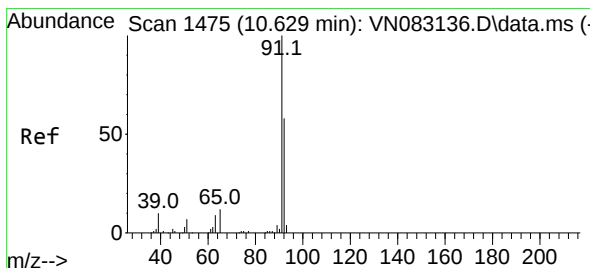
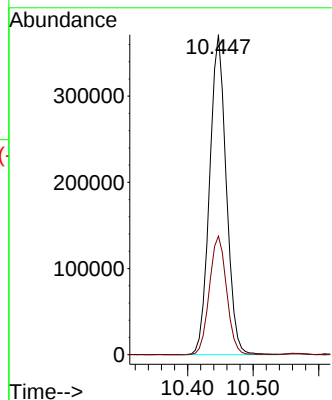
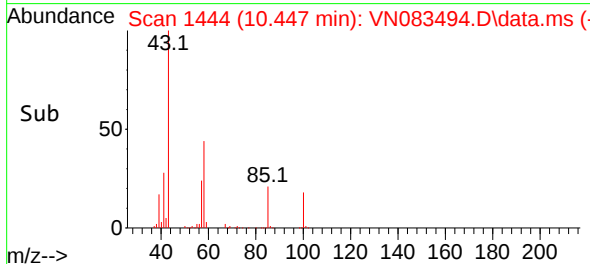
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 65635
Ion Ratio Lower Upper
43 100
58 38.3 28.2 42.4

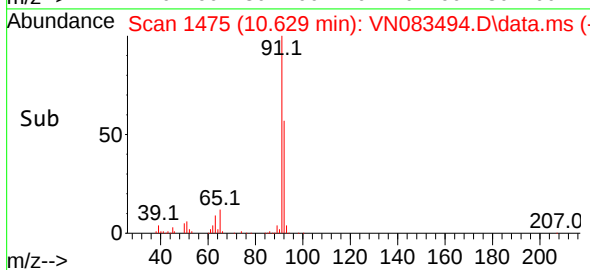
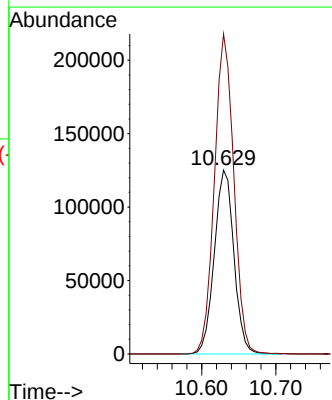
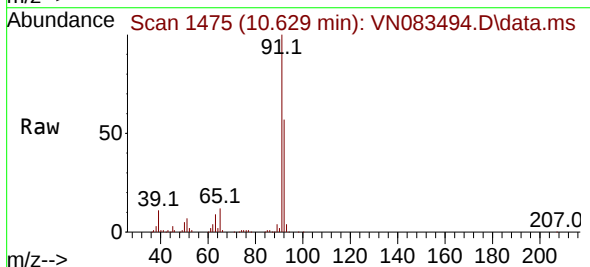
Manual Integrations
APPROVED

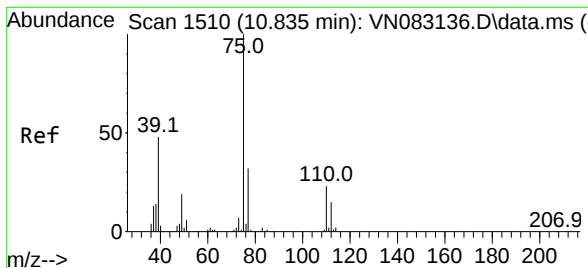
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#52
Toluene
Concen: 57.924 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

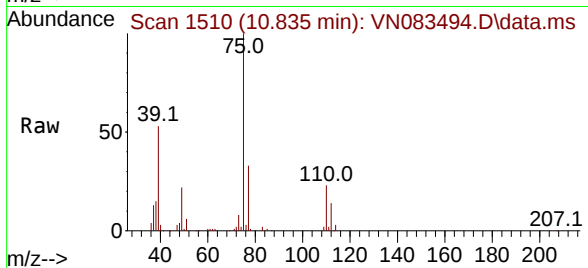
Tgt Ion: 92 Resp: 229824
Ion Ratio Lower Upper
92 100
91 172.4 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 52.721 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

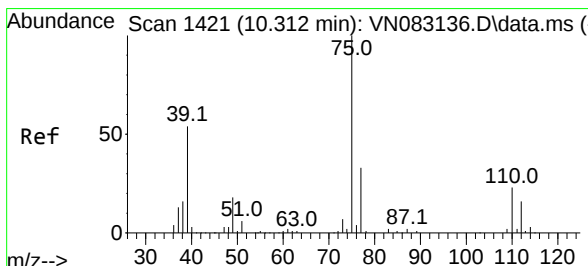
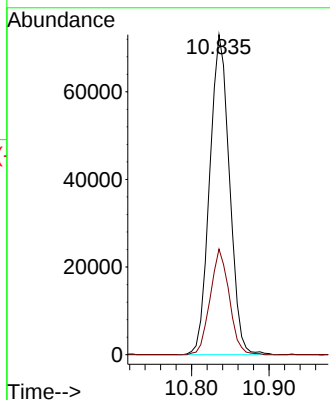
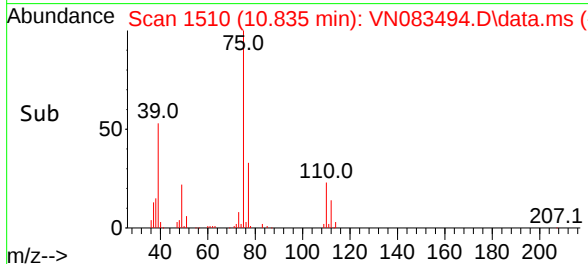
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 129730
Ion Ratio Lower Upper
75 100
77 33.0 25.7 38.5

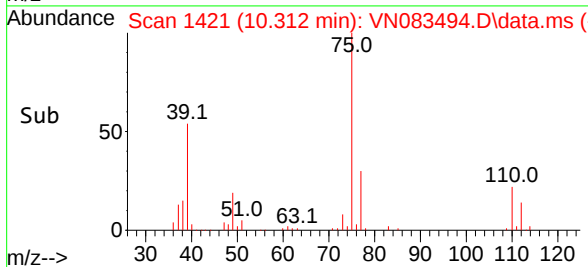
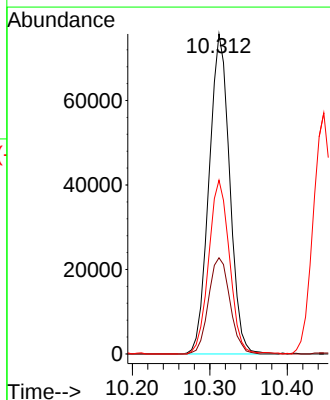
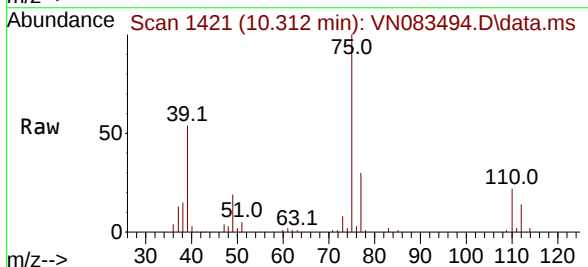
Manual Integrations
APPROVED

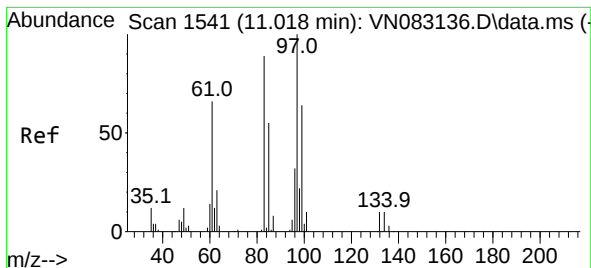
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#54
cis-1,3-Dichloropropene
Concen: 53.625 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

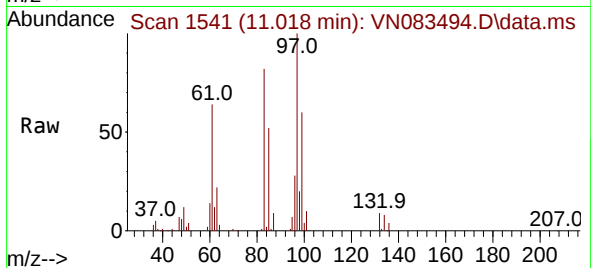
Tgt Ion: 75 Resp: 140359
Ion Ratio Lower Upper
75 100
77 30.1 24.3 36.5
39 54.3 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 61.267 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

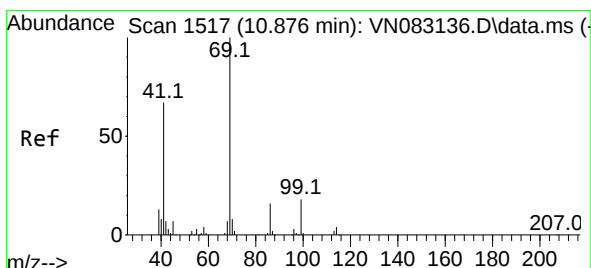
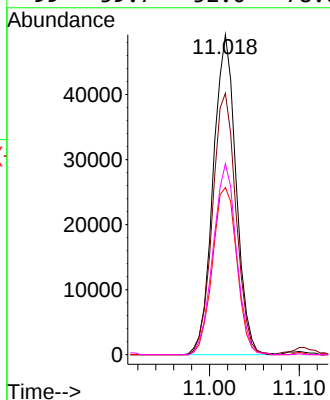
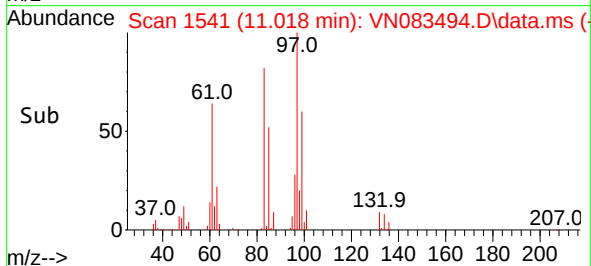
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



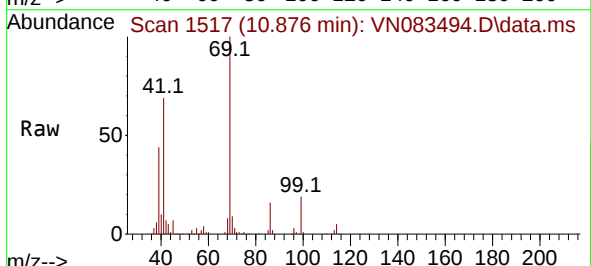
Tgt Ion: 97 Resp: 87110
Ion Ratio Lower Upper
97 100
83 81.7 71.4 107.0
85 52.3 45.8 68.6
99 59.7 52.0 78.0

Manual Integrations
APPROVED

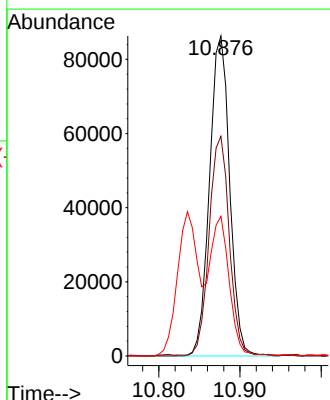
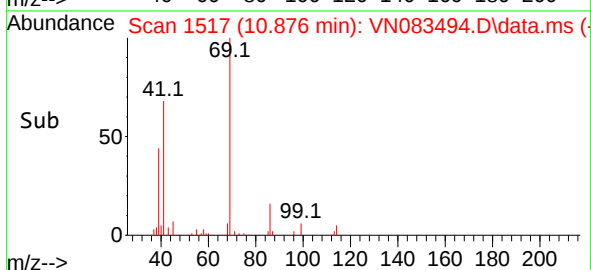
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#56
Ethyl methacrylate
Concen: 55.554 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11



Tgt Ion: 69 Resp: 148915
Ion Ratio Lower Upper
69 100
41 68.1 63.4 95.2
39 42.7 37.4 56.0





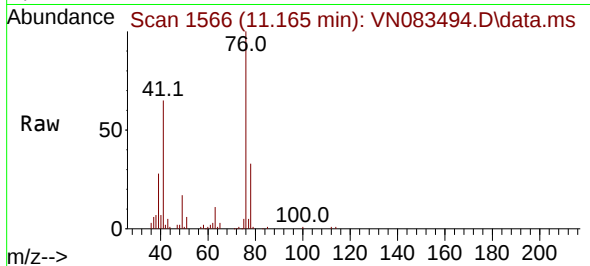
#57
1,3-Dichloropropane
Concen: 59.618 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



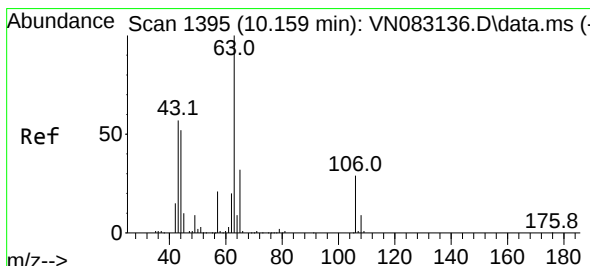
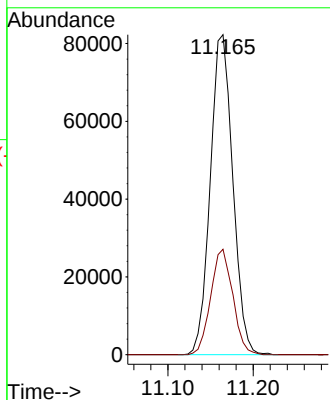
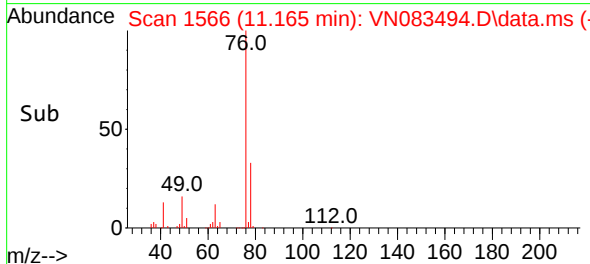
Tgt Ion: 76 Resp: 151097
Ion Ratio Lower Upper
76 100
78 32.3 25.6 38.4

Manual Integrations

APPROVED

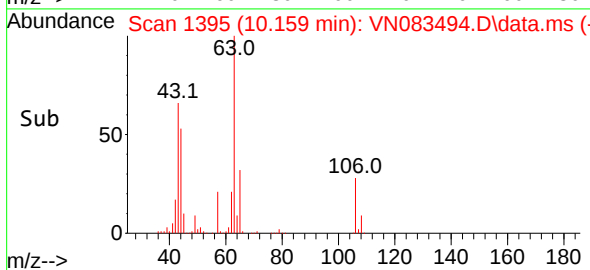
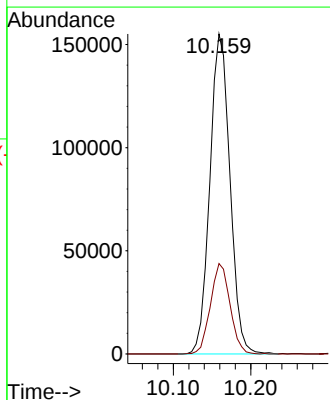
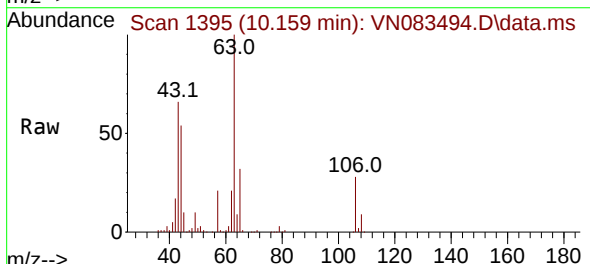
Reviewed By :John Carlone 08/27/2024

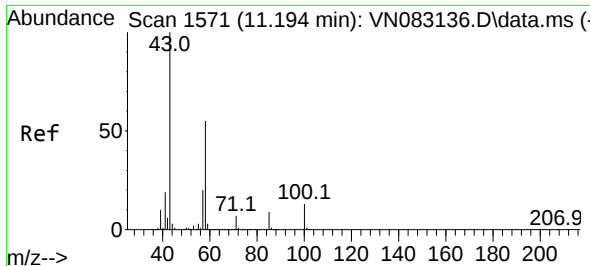
Supervised By :Mahesh Dadoda 08/27/2024



#58
2-Chloroethyl Vinyl ether
Concen: 246.501 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

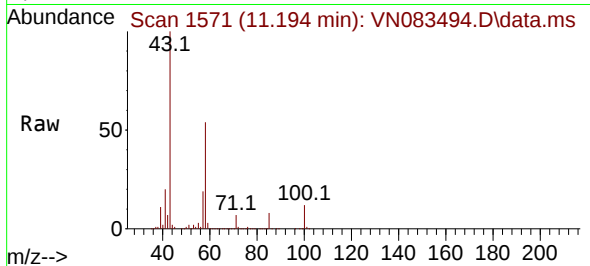
Tgt Ion: 63 Resp: 279301
Ion Ratio Lower Upper
63 100
106 27.5 21.4 32.0





#59
2-Hexanone
Concen: 286.527 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

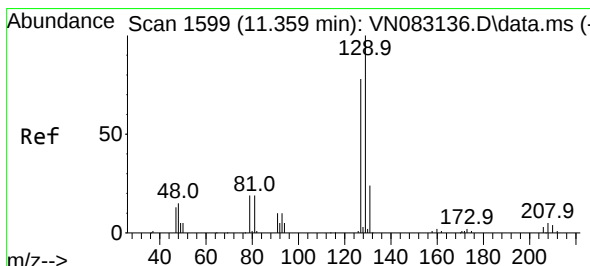
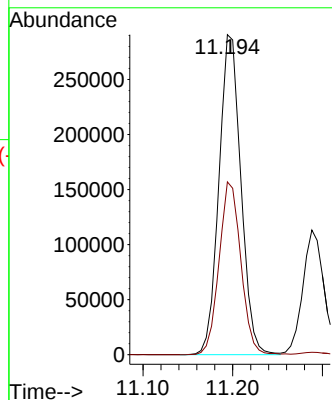
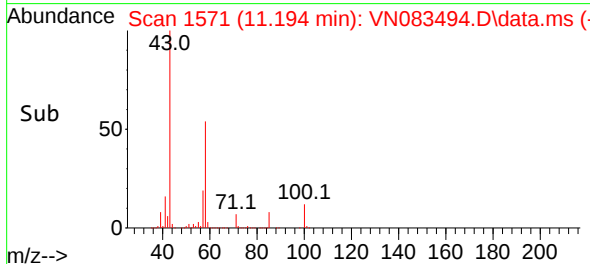
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 494735
Ion Ratio Lower Upper
43 100
58 53.5 24.6 73.8

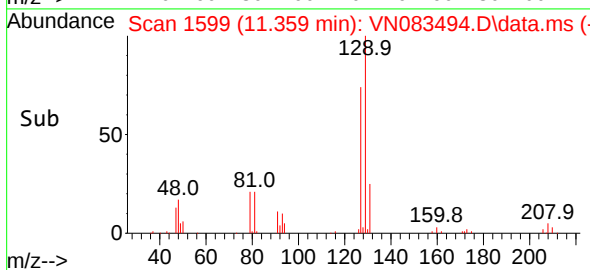
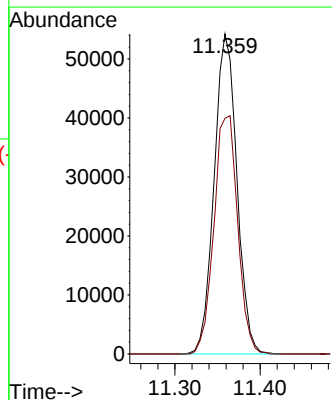
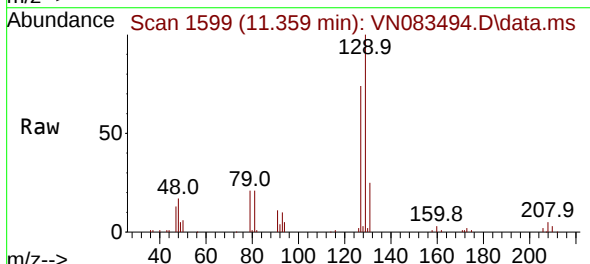
Manual Integrations
APPROVED

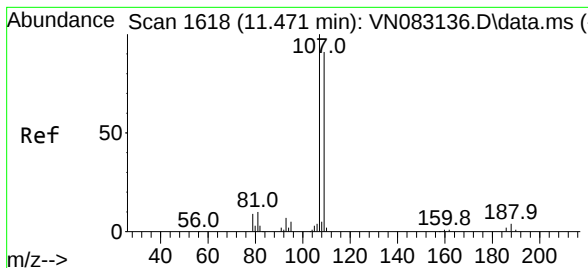
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#60
Dibromochloromethane
Concen: 58.519 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

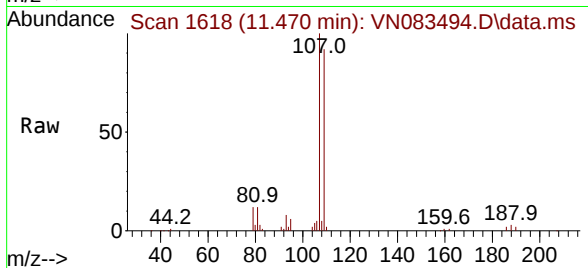
Tgt Ion:129 Resp: 100602
Ion Ratio Lower Upper
129 100
127 77.8 39.2 117.6





#61
1,2-Dibromoethane
Concen: 58.533 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

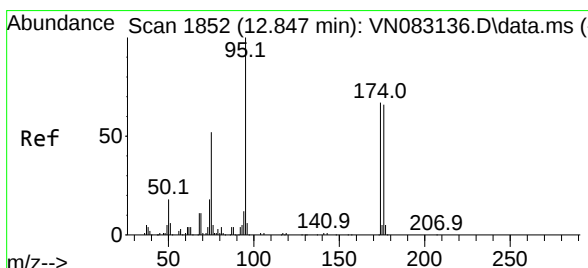
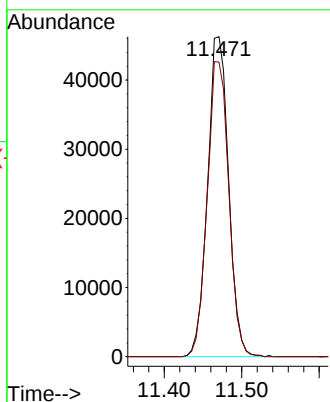
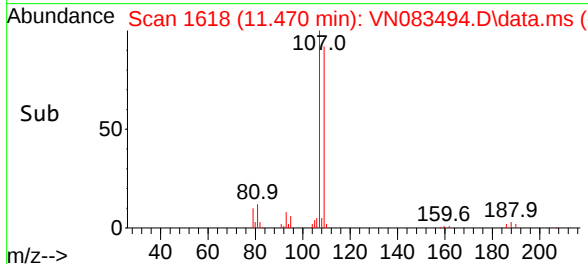
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 87430
Ion Ratio Lower Upper
107 100
109 94.6 73.7 110.5

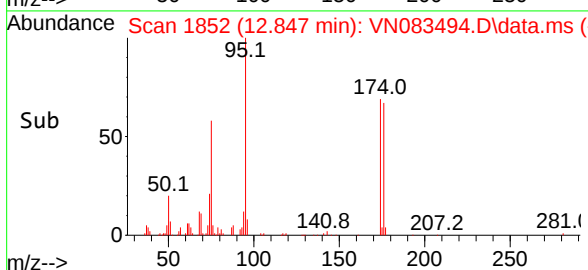
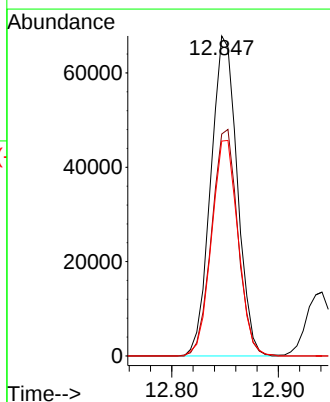
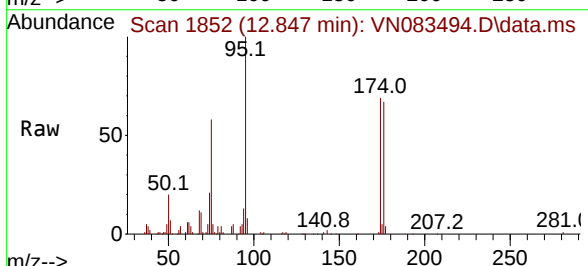
Manual Integrations
APPROVED

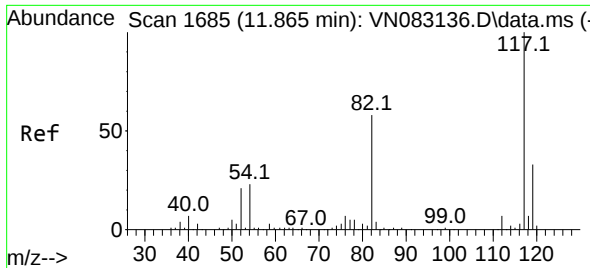
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#62
4-Bromofluorobenzene
Concen: 57.774 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

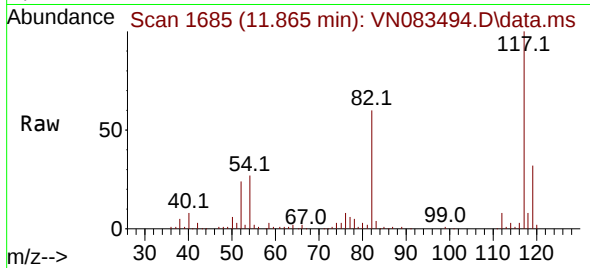
Tgt Ion: 95 Resp: 117077
Ion Ratio Lower Upper
95 100
174 70.0 0.0 159.2
176 67.6 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

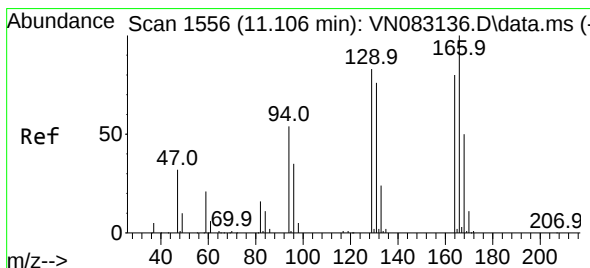
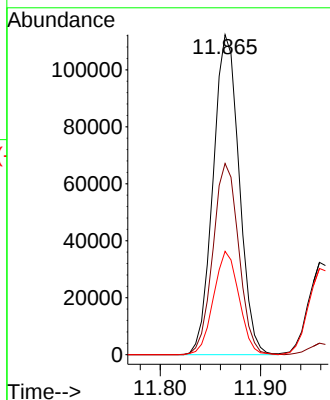
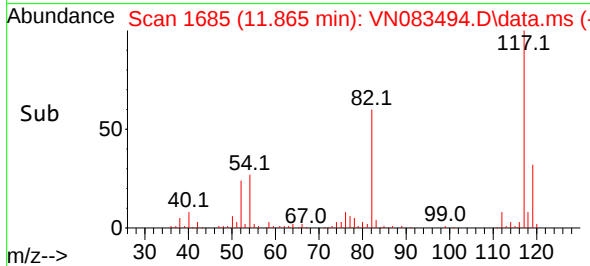
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 202589
Ion Ratio Lower Upper
117 100
82 59.7 47.5 71.3
119 32.3 25.6 38.4

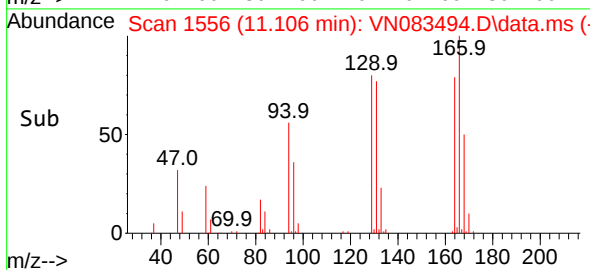
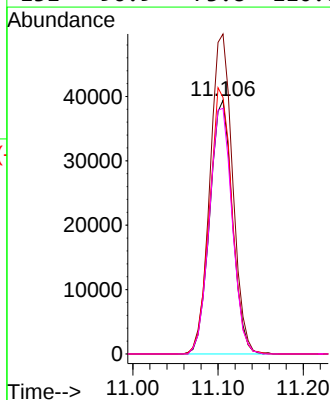
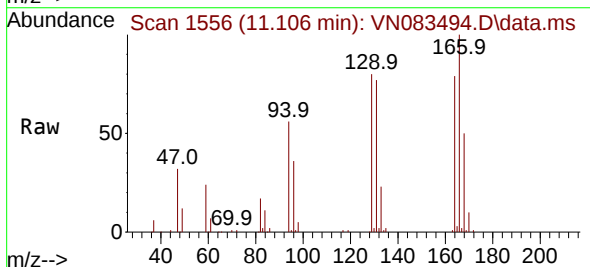
Manual Integrations
APPROVED

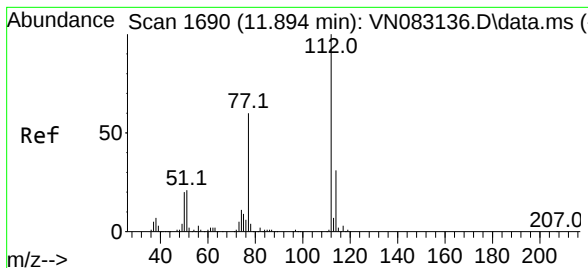
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#64
Tetrachloroethene
Concen: 53.847 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

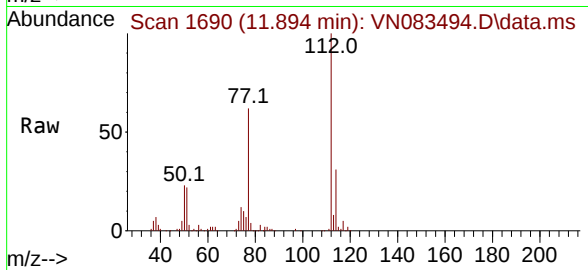
Tgt Ion:164 Resp: 72246
Ion Ratio Lower Upper
164 100
166 126.2 101.4 152.0
129 101.2 75.7 113.5
131 96.9 73.8 110.6





#65
Chlorobenzene
Concen: 53.895 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

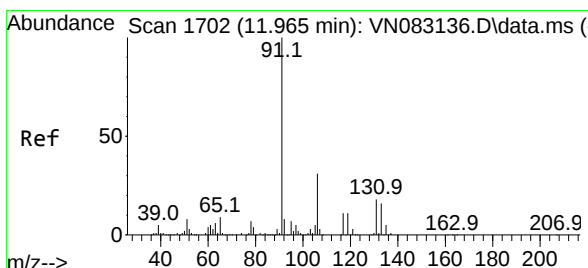
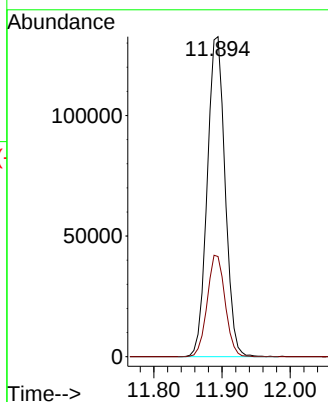
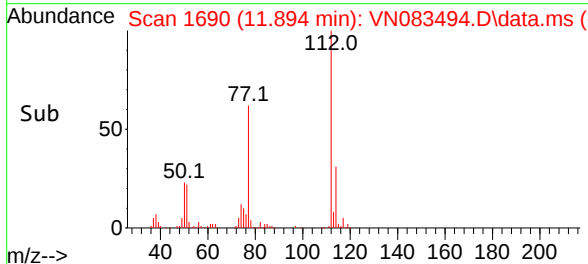
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



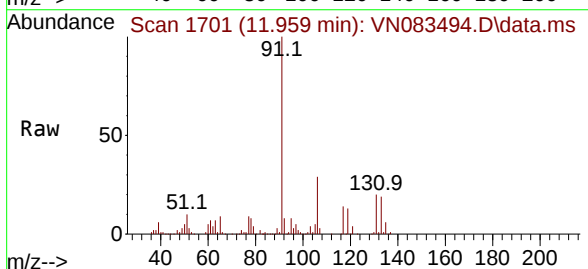
Tgt Ion:112 Resp: 241284
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.2

Manual Integrations
APPROVED

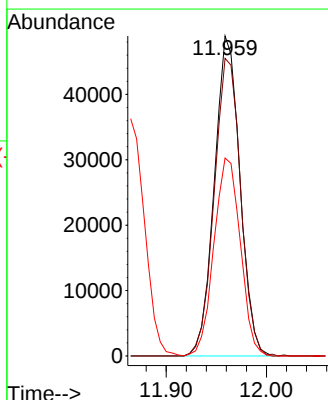
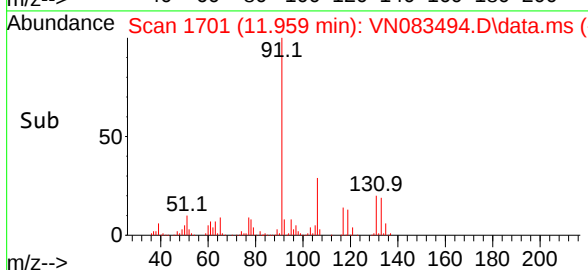
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

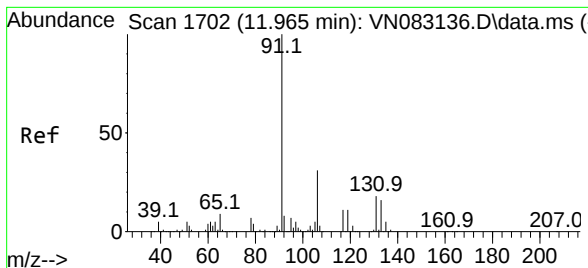


#66
1,1,1,2-Tetrachloroethane
Concen: 54.774 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11



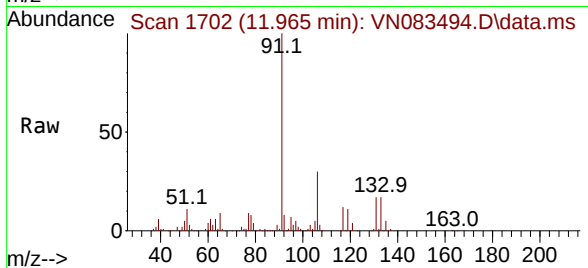
Tgt Ion:131 Resp: 86486
Ion Ratio Lower Upper
131 100
133 96.2 47.3 142.0
119 63.9 32.5 97.4





#67
Ethyl Benzene
Concen: 54.533 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

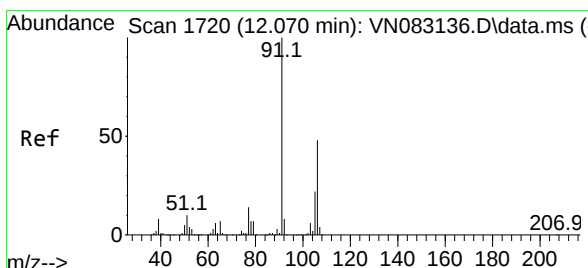
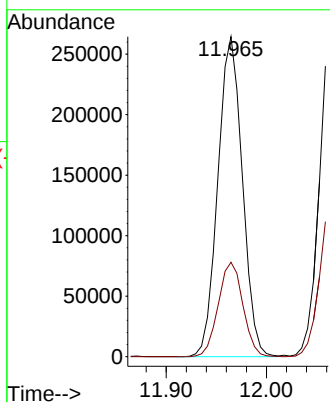
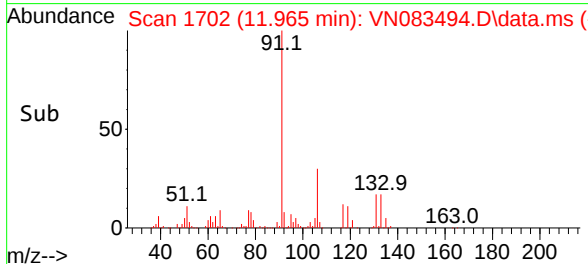
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



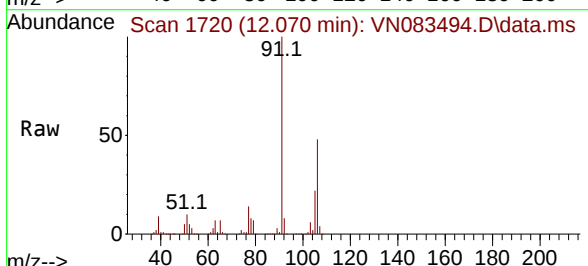
Tgt Ion: 91 Resp: 447868
Ion Ratio Lower Upper
91 100
106 29.5 24.0 36.0

Manual Integrations
APPROVED

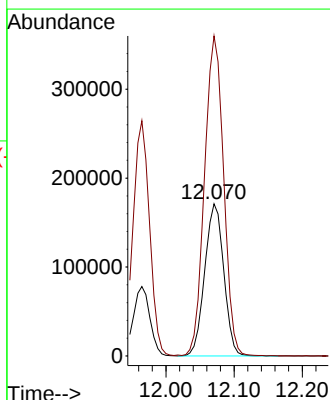
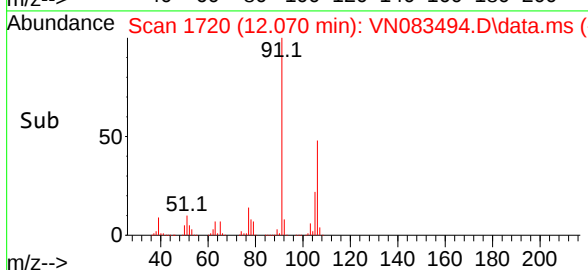
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

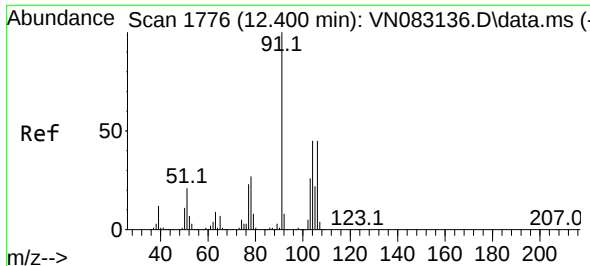


#68
m/p-Xylenes
Concen: 108.046 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11



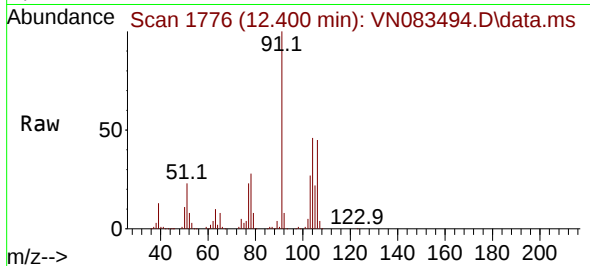
Tgt Ion:106 Resp: 332400
Ion Ratio Lower Upper
106 100
91 211.5 166.1 249.1





#69
o-Xylene
Concen: 54.683 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

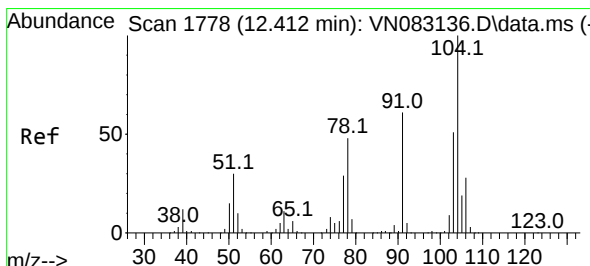
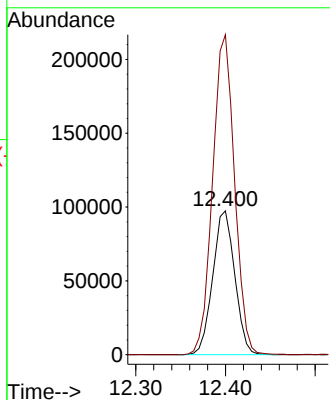
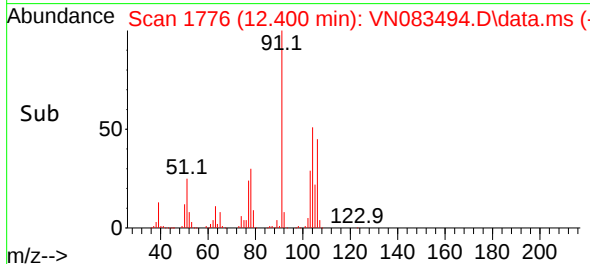
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 165920
Ion Ratio Lower Upper
106 100
91 221.8 111.3 333.9

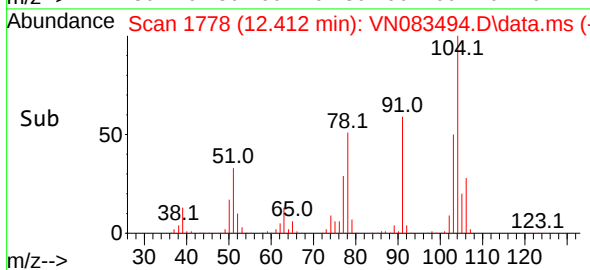
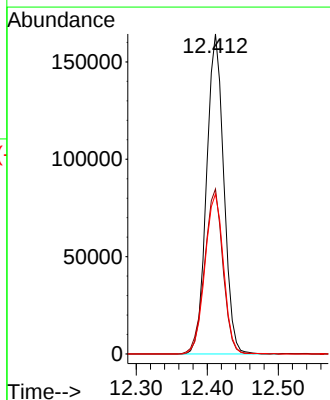
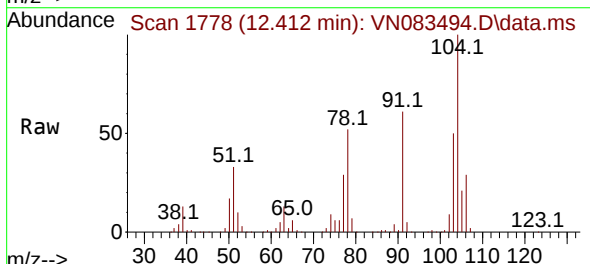
Manual Integrations
APPROVED

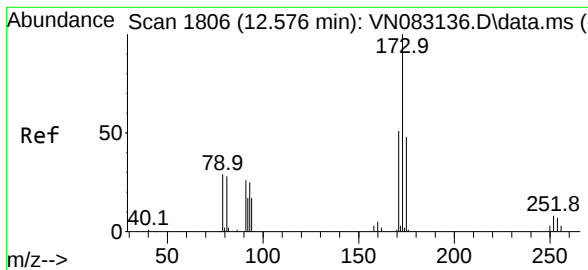
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#70
Styrene
Concen: 54.336 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

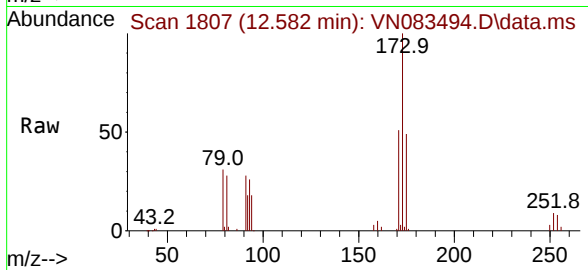
Tgt Ion:104 Resp: 276902
Ion Ratio Lower Upper
104 100
78 54.9 41.6 62.4
103 54.0 44.0 66.0





#71
Bromoform
Concen: 54.472 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

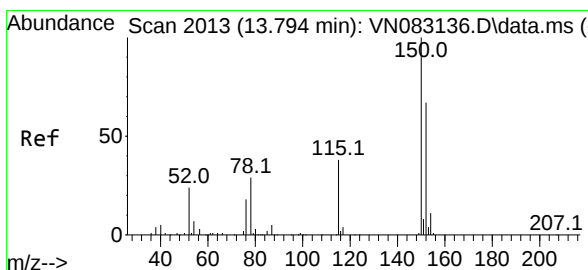
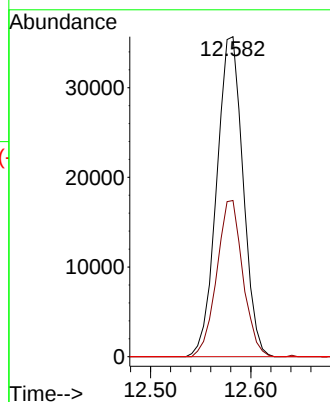
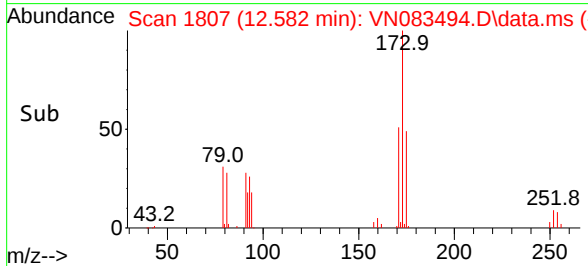
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 6515
Ion Ratio Lower Upper
173 100
175 48.3 24.0 72.0
254 0.0 0.0 0.0

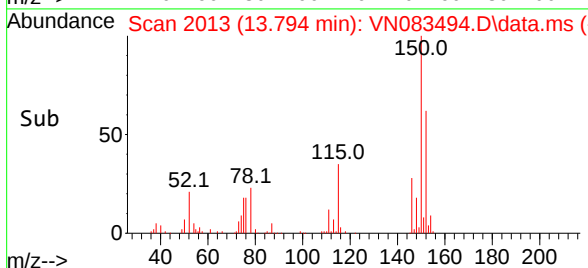
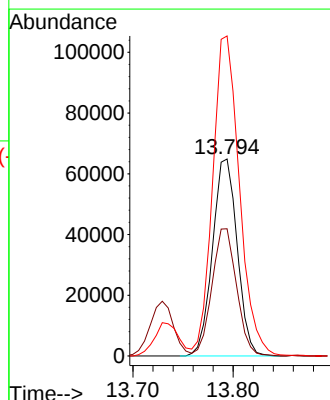
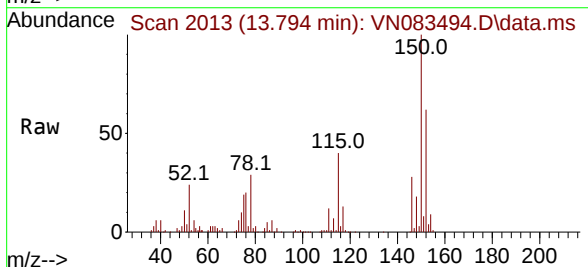
Manual Integrations
APPROVED

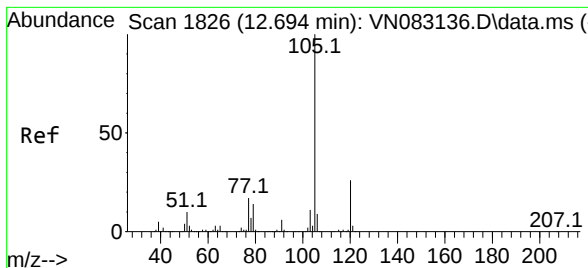
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

Tgt Ion:152 Resp: 110976
Ion Ratio Lower Upper
152 100
115 64.4 30.6 91.6
150 176.1 0.0 348.6





#73

Isopropylbenzene

Concen: 46.097 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN083494.D

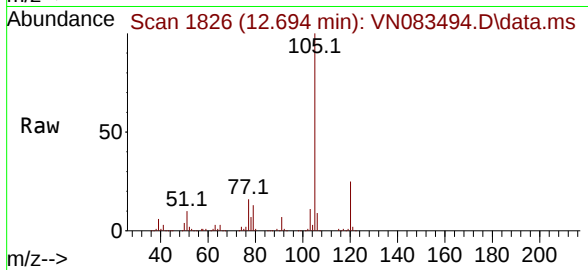
Acq: 26 Aug 2024 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:105 Resp: 427889

Ion Ratio Lower Upper

105 100

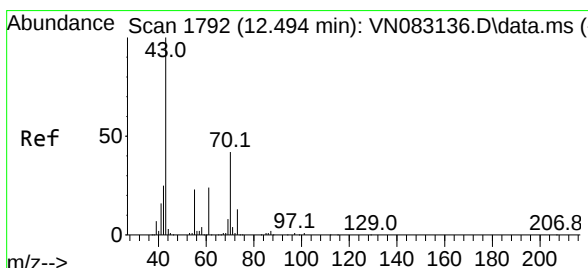
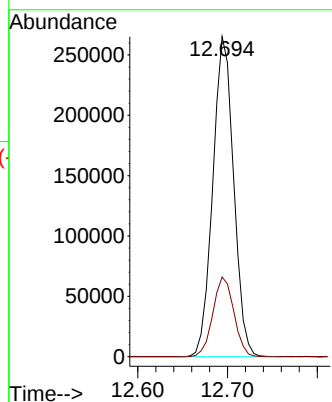
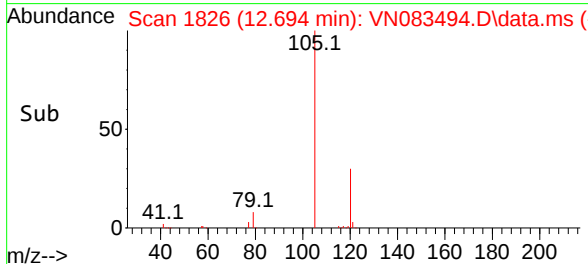
120 25.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2024

Supervised By :Mahesh Dadoda 08/27/2024



#74

N-ethyl acetate

Concen: 44.935 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN083494.D

Acq: 26 Aug 2024 20:11

Tgt Ion: 43 Resp: 204018

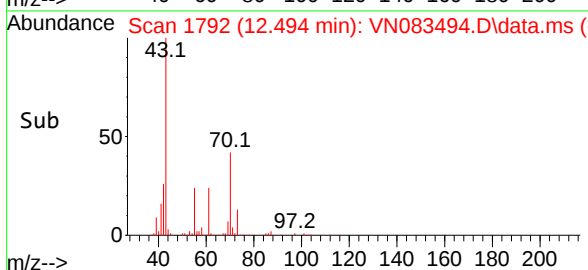
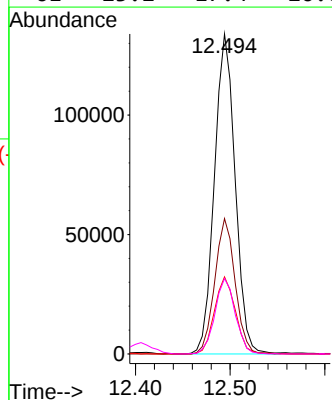
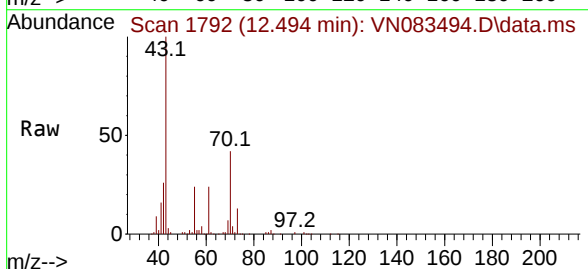
Ion Ratio Lower Upper

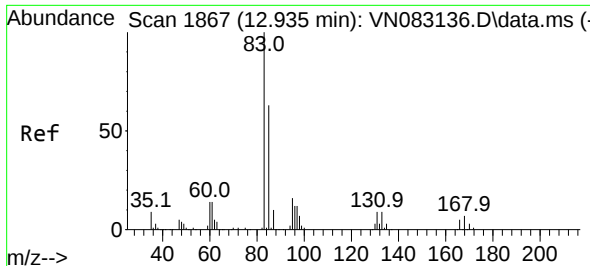
43 100

70 41.5 29.8 44.6

55 24.4 18.7 28.1

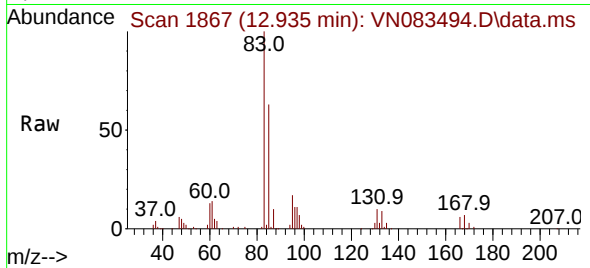
61 23.2 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 50.302 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

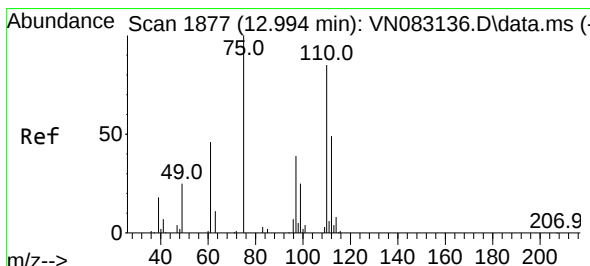
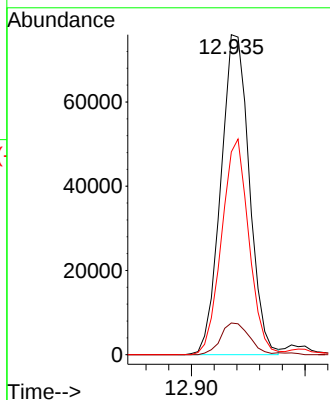
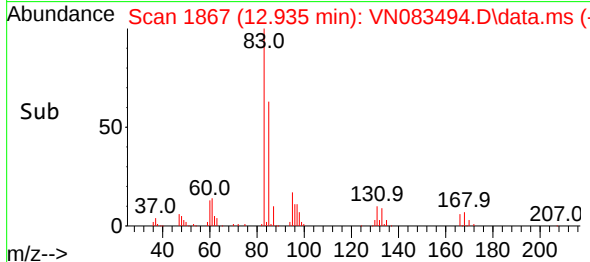
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



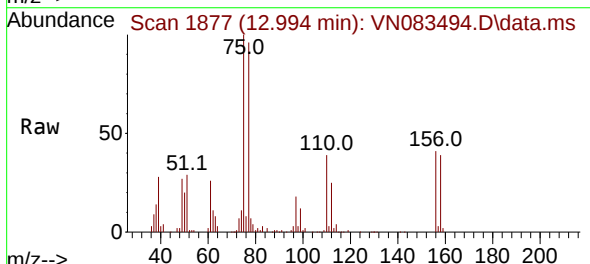
Tgt Ion: 83 Resp: 13206
Ion Ratio Lower Upper
83 100
131 10.4 5.0 14.9
85 64.9 31.9 95.7

Manual Integrations
APPROVED

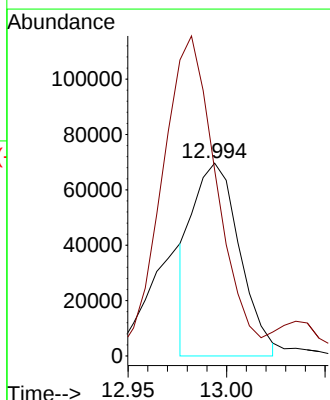
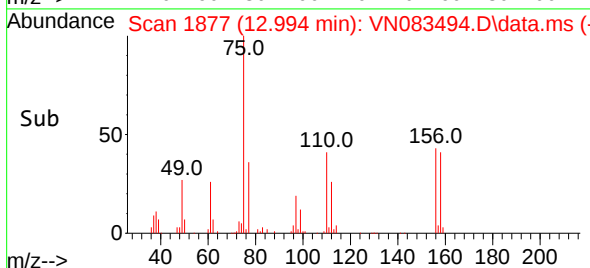
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

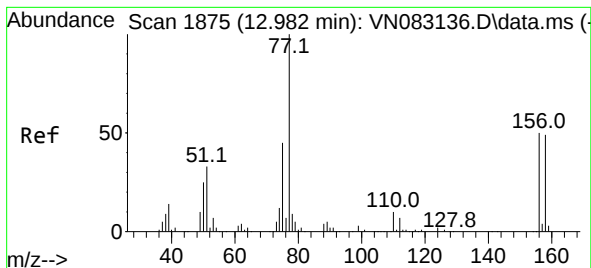


#76
1,2,3-Trichloropropane
Concen: 47.515 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11



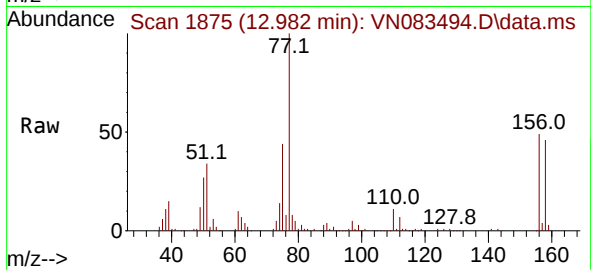
Tgt Ion: 75 Resp: 115729
Ion Ratio Lower Upper
75 100
77 194.3 110.9 332.6





#77
Bromobenzene
Concen: 47.275 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

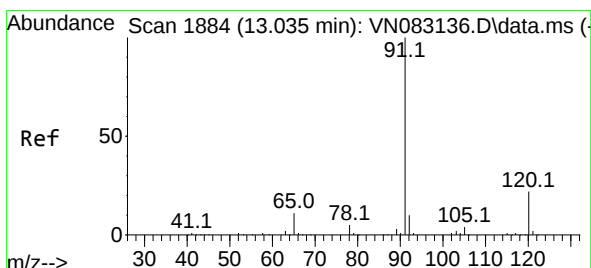
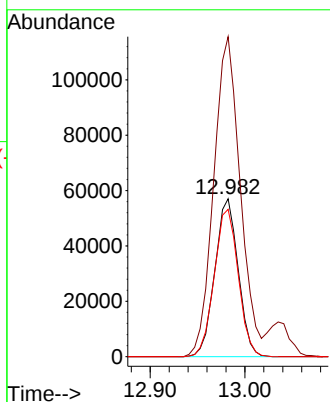
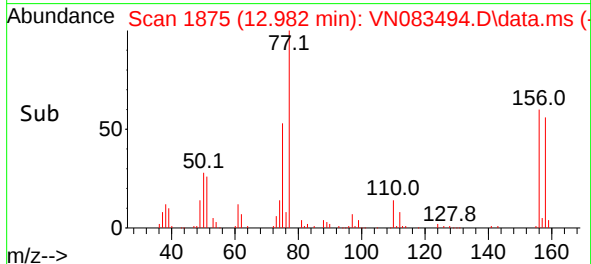
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



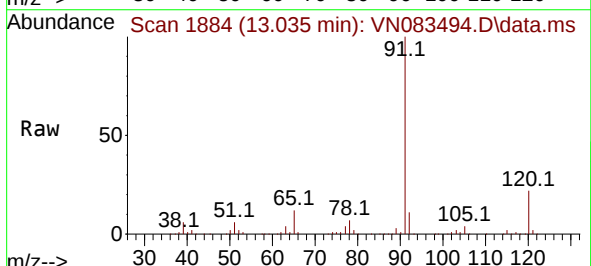
Tgt Ion:156 Resp: 97479
Ion Ratio Lower Upper
156 100
77 230.6 111.3 333.8
158 96.2 48.3 144.9

Manual Integrations
APPROVED

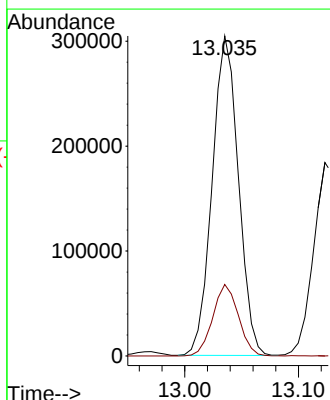
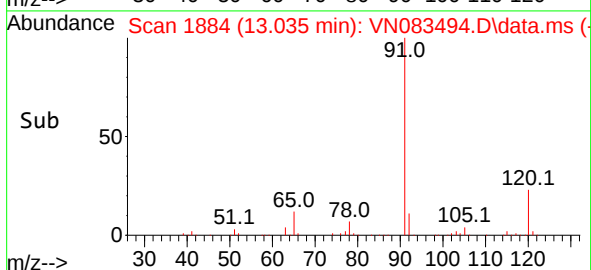
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

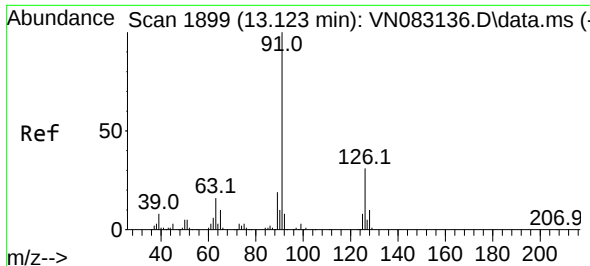


#78
n-propylbenzene
Concen: 45.701 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11



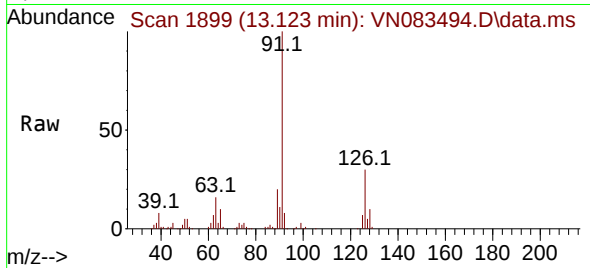
Tgt Ion: 91 Resp: 488470
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.9





#79
2-Chlorotoluene
Concen: 46.469 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

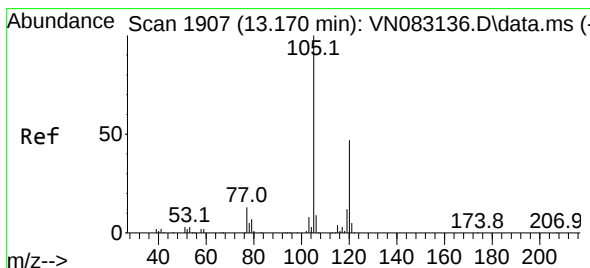
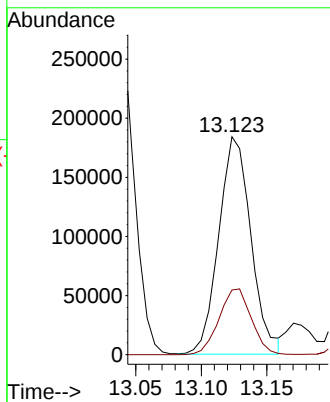
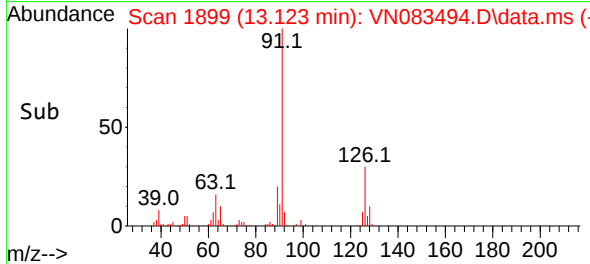
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



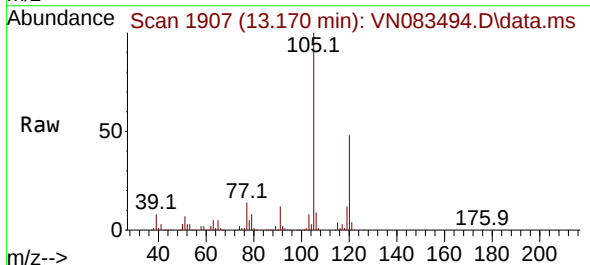
Tgt Ion: 91 Resp: 314890
Ion Ratio Lower Upper
91 100
126 30.3 16.2 48.6

Manual Integrations
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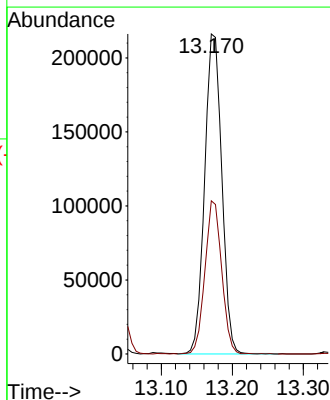
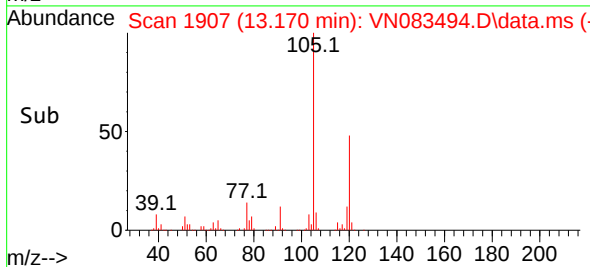
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

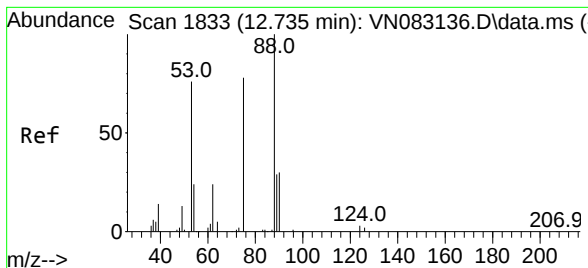


#80
1,3,5-Trimethylbenzene
Concen: 46.821 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11



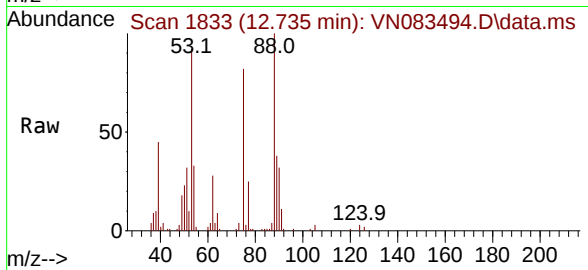
Tgt Ion:105 Resp: 363853
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 36.365 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

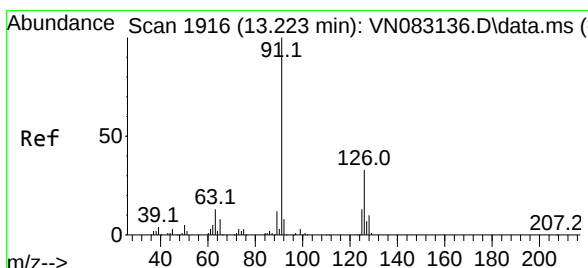
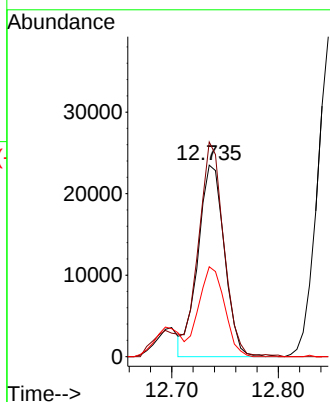
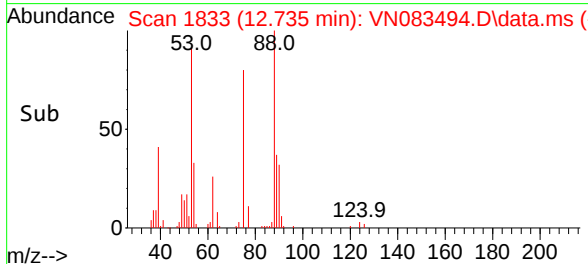
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 40718
Ion Ratio Lower Upper
75 100
53 104.6 88.4 132.6
89 45.6 36.3 54.5

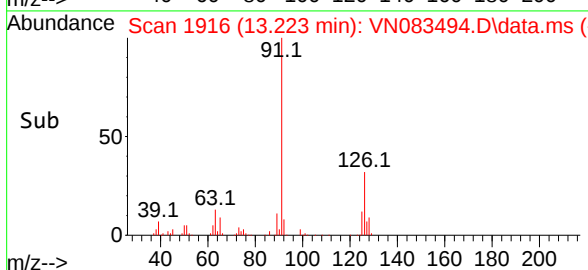
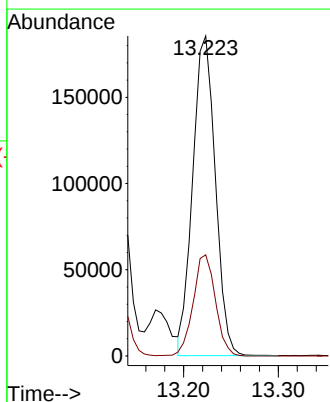
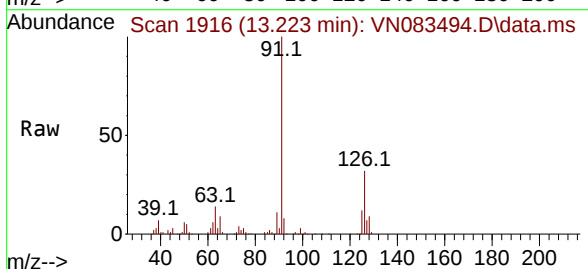
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#82
4-Chlorotoluene
Concen: 45.213 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

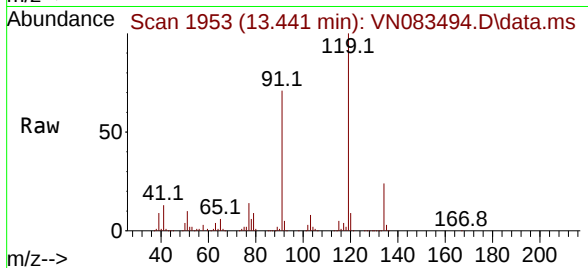
Tgt Ion: 91 Resp: 307324
Ion Ratio Lower Upper
91 100
126 31.2 16.2 48.6





#83
tert-Butylbenzene
Concen: 46.766 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

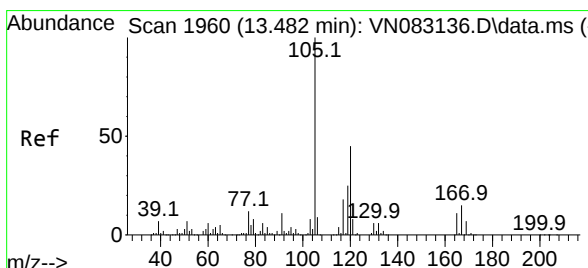
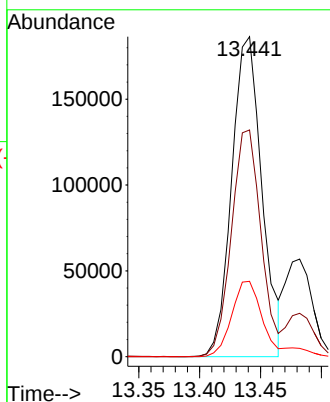
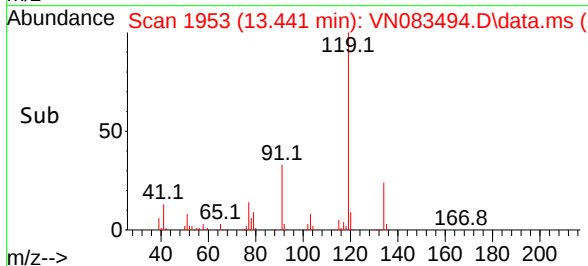
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



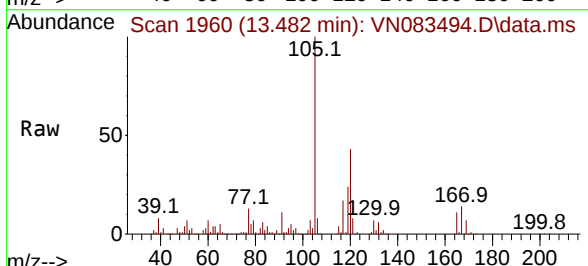
Tgt Ion:119 Resp: 32185
Ion Ratio Lower Upper
119 100
91 69.6 35.0 105.1
134 25.7 13.3 39.8

Manual Integrations
APPROVED

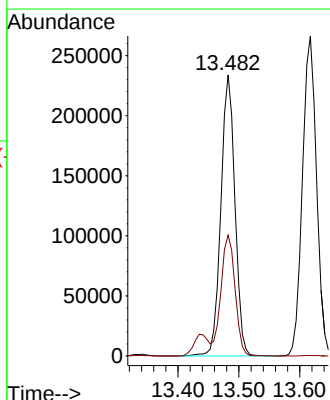
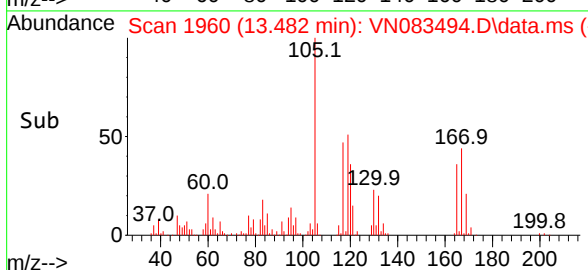
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

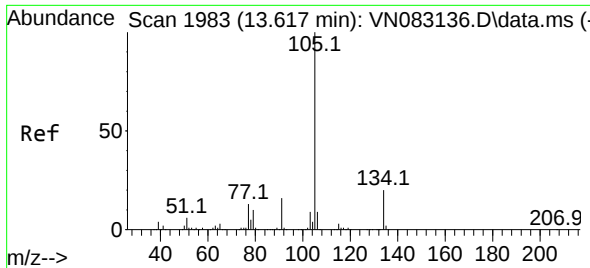


#84
1,2,4-Trimethylbenzene
Concen: 47.864 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11



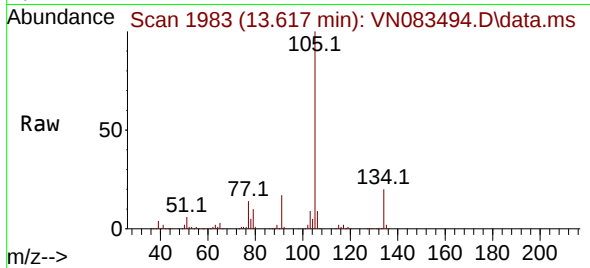
Tgt Ion:105 Resp: 374857
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 45.560 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083494.D
 Acq: 26 Aug 2024 20:11

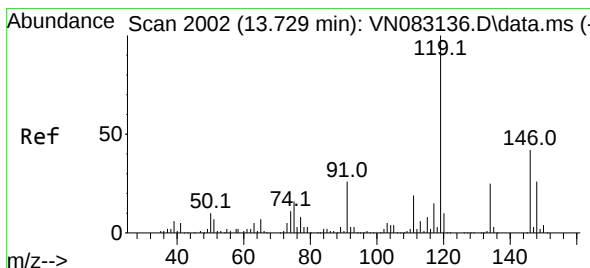
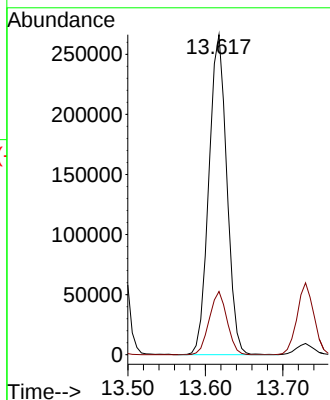
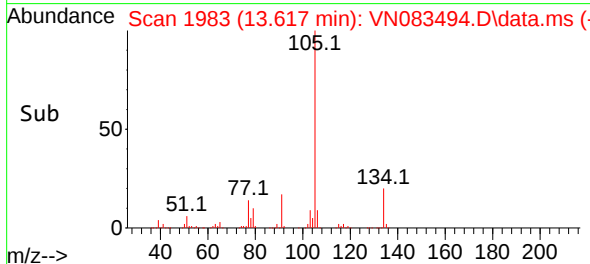
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



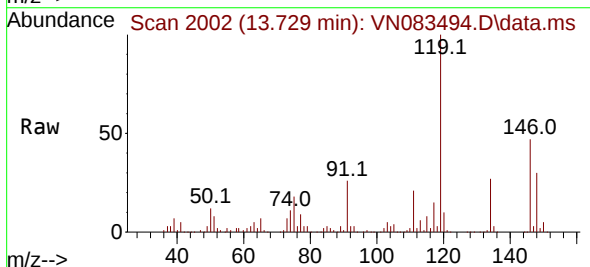
Tgt Ion:105 Resp: 42784
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
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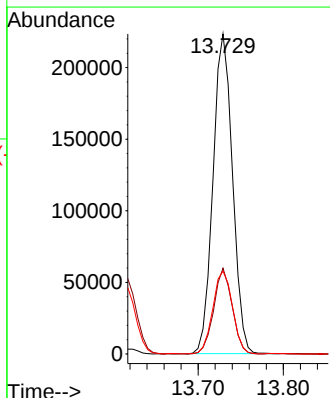
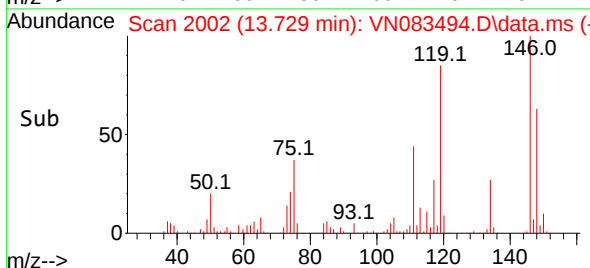
Reviewed By :John Carlone 08/27/2024
 Supervised By :Mahesh Dadoda 08/27/2024

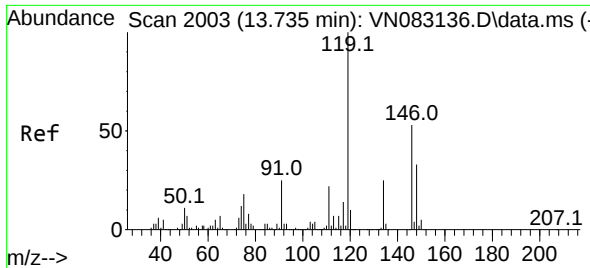


#86
 p-Isopropyltoluene
 Concen: 45.722 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083494.D
 Acq: 26 Aug 2024 20:11



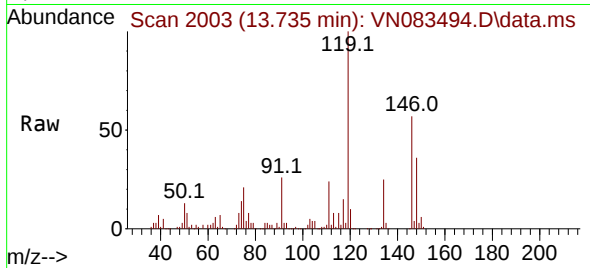
Tgt Ion:119 Resp: 354513
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.0 39.0
 91 26.0 12.3 36.9





#87
 1,3-Dichlorobenzene
 Concen: 47.301 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN083494.D
 Acq: 26 Aug 2024 20:11

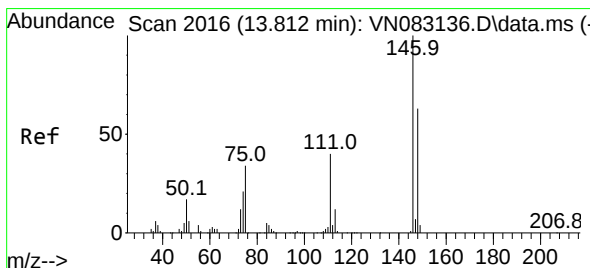
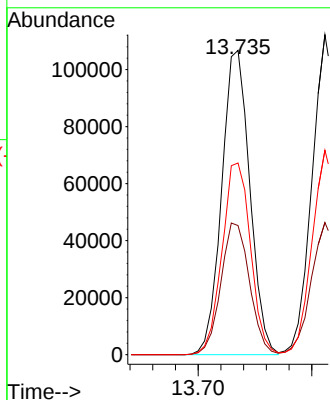
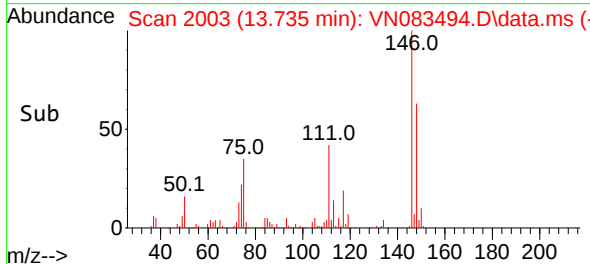
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



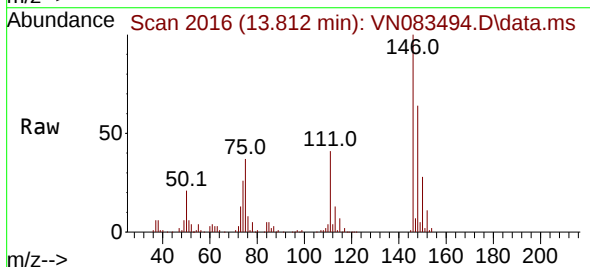
Tgt Ion:146 Resp: 183520
 Ion Ratio Lower Upper
 146 100
 111 44.1 20.6 61.9
 148 63.9 31.8 95.3

Manual Integrations
 APPROVED

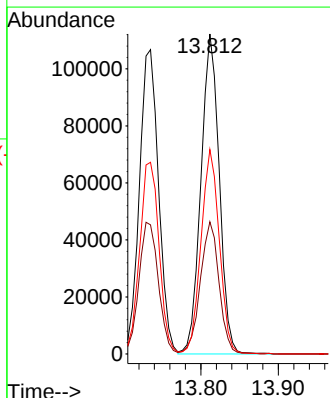
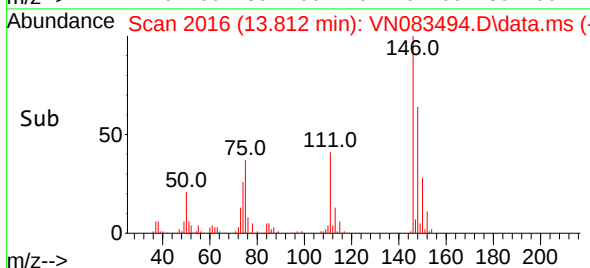
Reviewed By :John Carlone 08/27/2024
 Supervised By :Mahesh Dadoda 08/27/2024

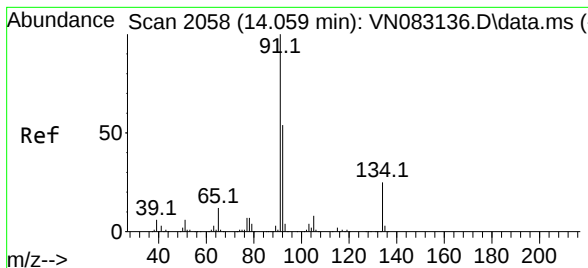


#88
 1,4-Dichlorobenzene
 Concen: 47.111 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN083494.D
 Acq: 26 Aug 2024 20:11



Tgt Ion:146 Resp: 184277
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.1 60.3
 148 64.1 32.2 96.6





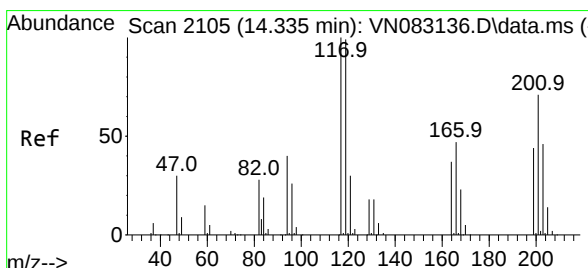
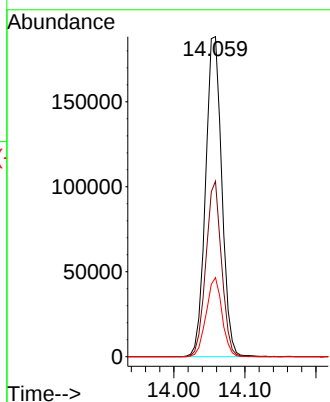
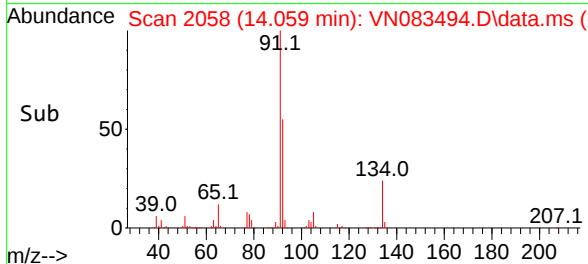
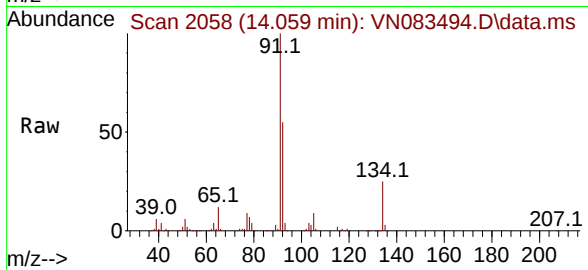
#89
n-Butylbenzene
Concen: 44.598 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 299633
Ion Ratio Lower Upper
91 100
92 52.7 26.1 78.3
134 24.2 12.1 36.3

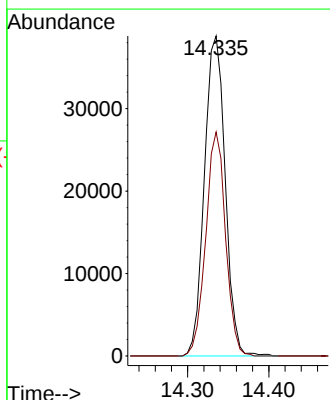
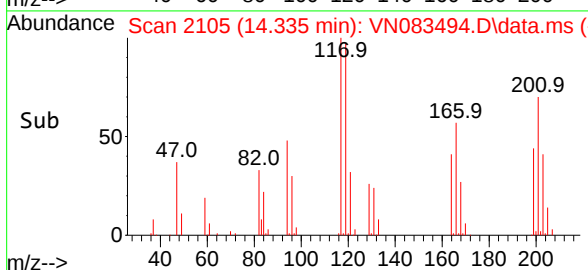
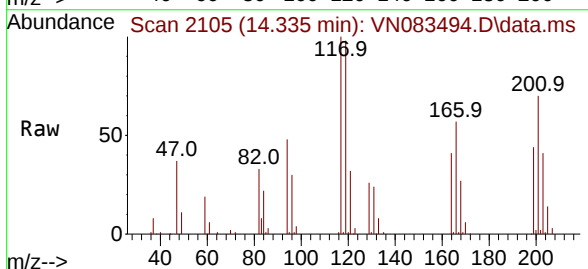
Manual Integrations
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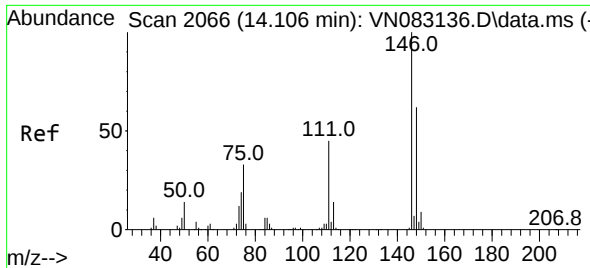
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#90
Hexachloroethane
Concen: 46.009 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

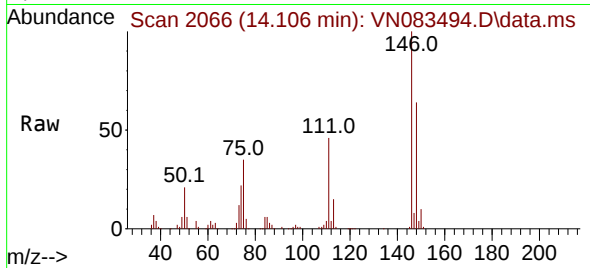
Tgt Ion:117 Resp: 68921
Ion Ratio Lower Upper
117 100
201 66.7 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 50.526 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

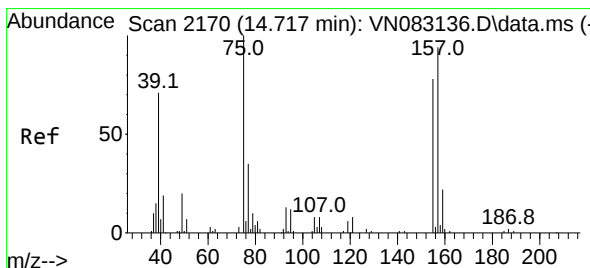
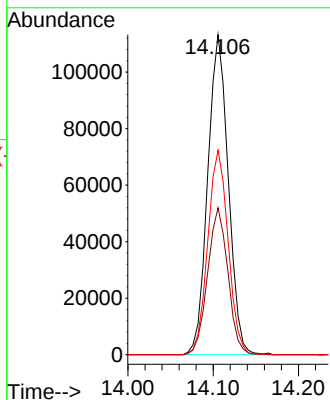
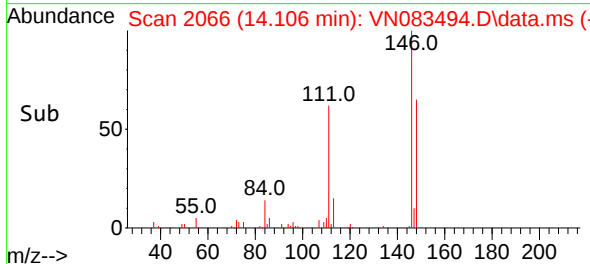
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 189704
Ion Ratio Lower Upper
146 100
111 45.4 21.4 64.2
148 63.3 32.1 96.5

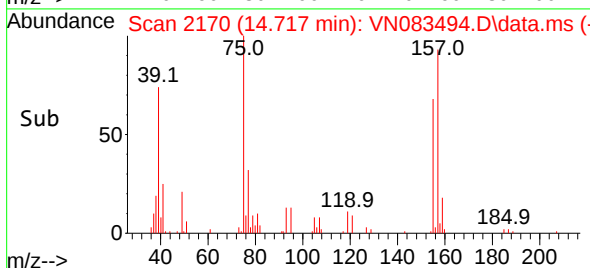
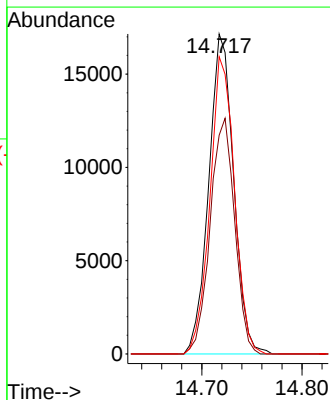
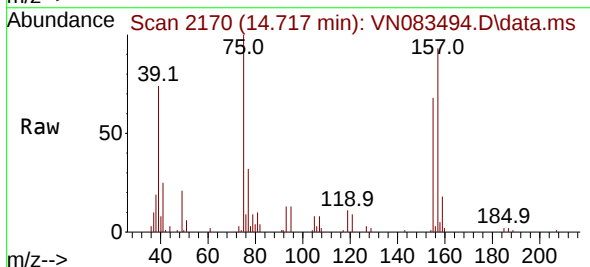
Manual Integrations
APPROVED

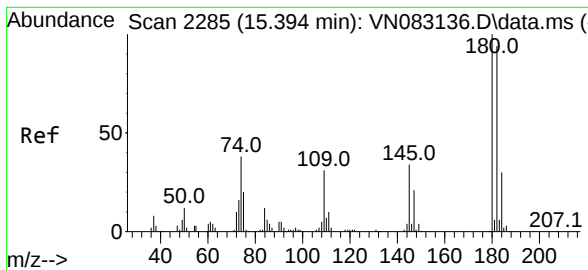
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.436 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

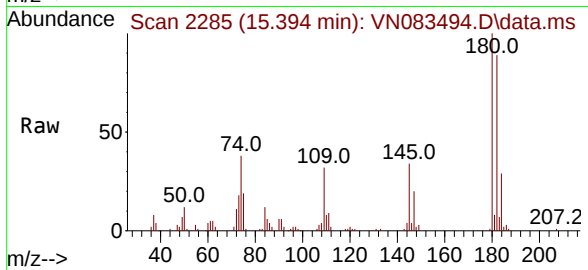
Tgt Ion: 75 Resp: 29583
Ion Ratio Lower Upper
75 100
155 72.6 36.6 109.8
157 91.2 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 44.637 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

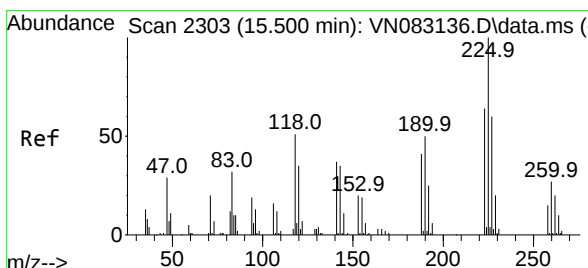
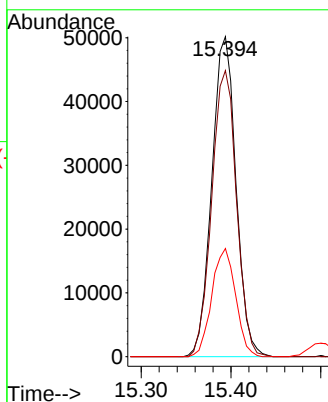
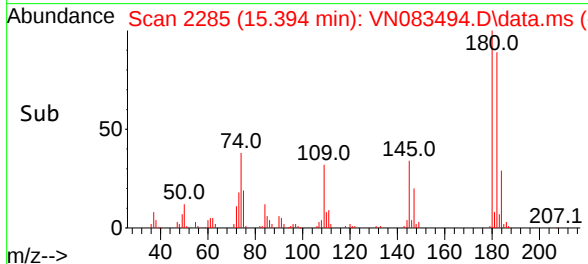
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



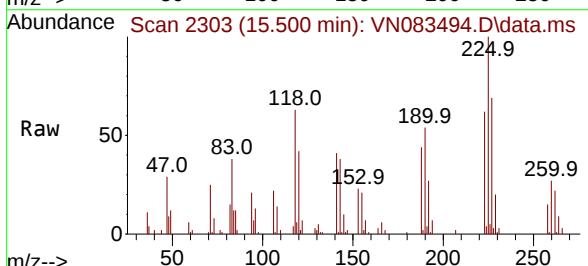
Tgt Ion:180 Resp: 93892
Ion Ratio Lower Upper
180 100
182 91.4 47.3 141.8
145 33.3 15.7 47.1

Manual Integrations
APPROVED

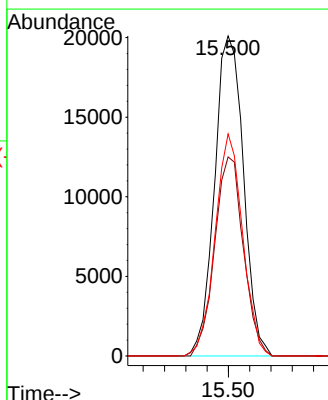
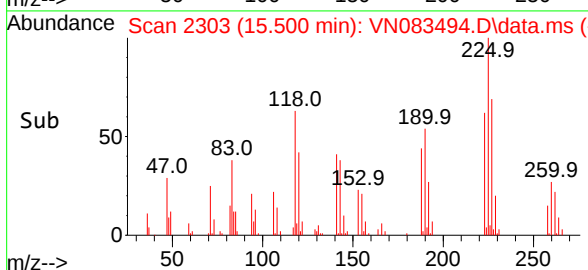
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

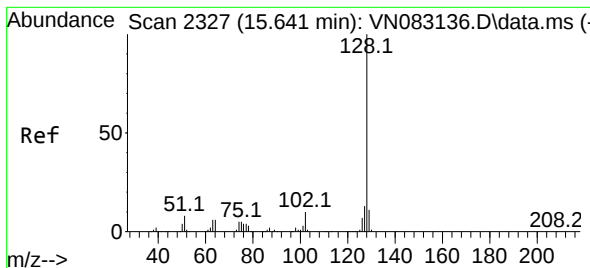


#94
Hexachlorobutadiene
Concen: 40.455 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11



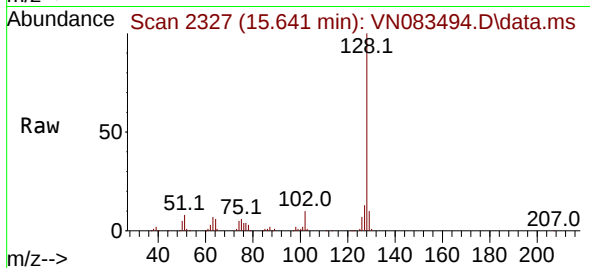
Tgt Ion:225 Resp: 37844
Ion Ratio Lower Upper
225 100
223 61.8 31.9 95.7
227 66.0 32.5 97.5





#95
Naphthalene
Concen: 44.532 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

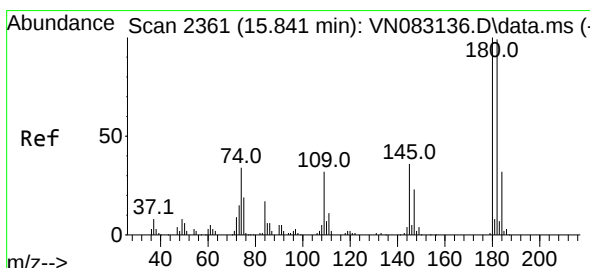
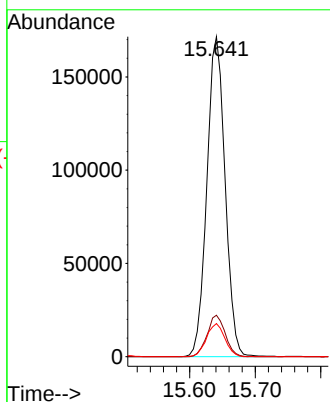
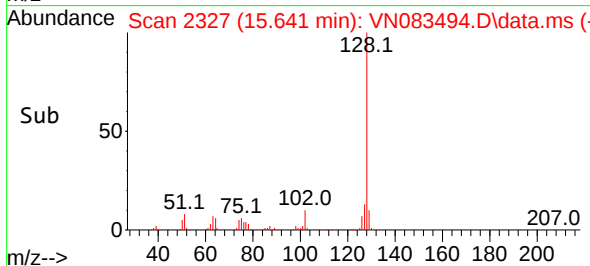
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 33180
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.5 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#96
1,2,3-Trichlorobenzene
Concen: 45.645 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083494.D
Acq: 26 Aug 2024 20:11

Tgt Ion:180 Resp: 95002
Ion Ratio Lower Upper
180 100
182 92.8 48.9 146.8
145 35.9 16.8 50.4

