

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
 Data File : VN083496.D
 Acq On : 27 Aug 2024 09:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/28/2024
 Supervised By : Mahesh Dadoda 08/28/2024

Quant Time: Aug 28 01:39:09 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	149795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	132227	62.015	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 124.040%			
35) Dibromofluoromethane	8.165	113	95386	59.871	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 119.740%			
50) Toluene-d8	10.565	98	342064	57.557	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.120%#			
62) 4-Bromofluorobenzene	12.847	95	141273	60.974	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 121.940%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	78644	46.297	ug/l	93
3) Chloromethane	2.359	50	90503	52.039	ug/l	96
4) Vinyl Chloride	2.518	62	97181	54.763	ug/l	99
5) Bromomethane	2.906	94	49742	45.174	ug/l	97
6) Chloroethane	3.071	64	63937	57.589	ug/l	98
7) Trichlorofluoromethane	3.471	101	168160	57.362	ug/l	98
8) Diethyl Ether	3.953	74	61119	56.028	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.359	101	95979	59.383	ug/l	97
10) Methyl Iodide	4.571	142	122771	57.745	ug/l	99
11) Tert butyl alcohol	5.536	59	103067	232.603	ug/l	99
12) 1,1-Dichloroethene	4.324	96	87917	52.946	ug/l	85
13) Acrolein	4.171	56	72524	251.131	ug/l	99
14) Allyl chloride	5.012	41	165739	52.818	ug/l	91
15) Acrylonitrile	5.718	53	244012	267.761	ug/l	99
16) Acetone	4.424	43	231912	277.969	ug/l	95
17) Carbon Disulfide	4.700	76	224697	46.247	ug/l	98
18) Methyl Acetate	5.018	43	134723	54.198	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	337092	56.242	ug/l	99
20) Methylene Chloride	5.271	84	102844	53.561	ug/l	85
21) trans-1,2-Dichloroethene	5.777	96	91086	53.074	ug/l	94
22) Diisopropyl ether	6.671	45	346976	58.825	ug/l	98
23) Vinyl Acetate	6.600	43	1793204	296.602	ug/l	96
24) 1,1-Dichloroethane	6.565	63	191495	59.562	ug/l	97
25) 2-Butanone	7.482	43	335282	261.723	ug/l	94
26) 2,2-Dichloropropane	7.488	77	176393	59.078	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	117021	56.506	ug/l	93
28) Bromochloromethane	7.812	49	76691	58.369	ug/l	88
29) Tetrahydrofuran	7.841	42	215328	260.021	ug/l	89
30) Chloroform	7.965	83	202947	60.759	ug/l	98
31) Cyclohexane	8.253	56	160405	50.765	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	188769	59.706	ug/l	96
36) 1,1-Dichloropropene	8.371	75	134069	55.629	ug/l	99
37) Ethyl Acetate	7.559	43	137476	50.946	ug/l #	94
38) Carbon Tetrachloride	8.359	117	162463	59.850	ug/l	98
39) Methylcyclohexane	9.600	83	162870	55.020	ug/l	100
40) Benzene	8.606	78	423252	58.951	ug/l	100

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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	80488	52.459	ug/l	95
42) 1,2-Dichloroethane	8.671	62	159548	61.003	ug/l	98
43) Isopropyl Acetate	8.688	43	245126	52.553	ug/l #	92
44) Trichloroethene	9.353	130	96781	56.633	ug/l	95
45) 1,2-Dichloropropane	9.623	63	104056	61.057	ug/l	100
46) Dibromomethane	9.706	93	73538	60.284	ug/l	99
47) Bromodichloromethane	9.888	83	161362	58.913	ug/l	98
48) Methyl methacrylate	9.682	41	117367	52.609	ug/l	93
49) 1,4-Dioxane	9.700	88	39045	970.093	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	698780	273.840	ug/l	94
52) Toluene	10.629	92	267057	58.870	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	162415	57.726	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	174231	58.221	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	99189	61.013	ug/l	97
56) Ethyl methacrylate	10.870	69	167069	54.513	ug/l	89
57) 1,3-Dichloropropane	11.165	76	173794	59.977	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	366342	282.786	ug/l	97
59) 2-Hexanone	11.194	43	516860	261.813	ug/l	94
60) Dibromochloromethane	11.359	129	117658	59.860	ug/l	98
61) 1,2-Dibromoethane	11.470	107	99240	58.110	ug/l	99
64) Tetrachloroethene	11.106	164	82983	55.786	ug/l	98
65) Chlorobenzene	11.888	112	277862	55.980	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	99907	57.071	ug/l	99
67) Ethyl Benzene	11.965	91	517319	56.814	ug/l	99
68) m/p-Xylenes	12.070	106	389457	114.182	ug/l	99
69) o-Xylene	12.400	106	188918	56.158	ug/l	98
70) Styrene	12.412	104	320072	56.650	ug/l	99
71) Bromoform	12.576	173	75019	56.568	ug/l #	100
73) Isopropylbenzene	12.694	105	497156	51.295	ug/l	100
74) N-amyl acetate	12.494	43	221017	46.620	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	144444	52.693	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	110361m	43.395	ug/l	
77) Bromobenzene	12.982	156	109538	50.877	ug/l	94
78) n-propylbenzene	13.035	91	579451	51.921	ug/l	100
79) 2-Chlorotoluene	13.123	91	365827	51.703	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	426453	52.556	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	58922	50.398	ug/l	88
82) 4-Chlorotoluene	13.223	91	363966	51.283	ug/l	97
83) tert-Butylbenzene	13.441	119	371766	51.735	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	434612	53.148	ug/l	97
85) sec-Butylbenzene	13.617	105	508690	51.880	ug/l	99
86) p-Isopropyltoluene	13.729	119	433534	53.549	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	214517	52.951	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	213006	52.153	ug/l	98
89) n-Butylbenzene	14.059	91	369224	52.633	ug/l	99
90) Hexachloroethane	14.335	117	82775	52.921	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	213552	54.473	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32048	48.179	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	112970	51.437	ug/l	98
94) Hexachlorobutadiene	15.500	225	48332	49.482	ug/l	97
95) Naphthalene	15.641	128	379885	48.830	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	112090	51.579	ug/l	96

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QLast Update : Thu Aug 08 06:30:41 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

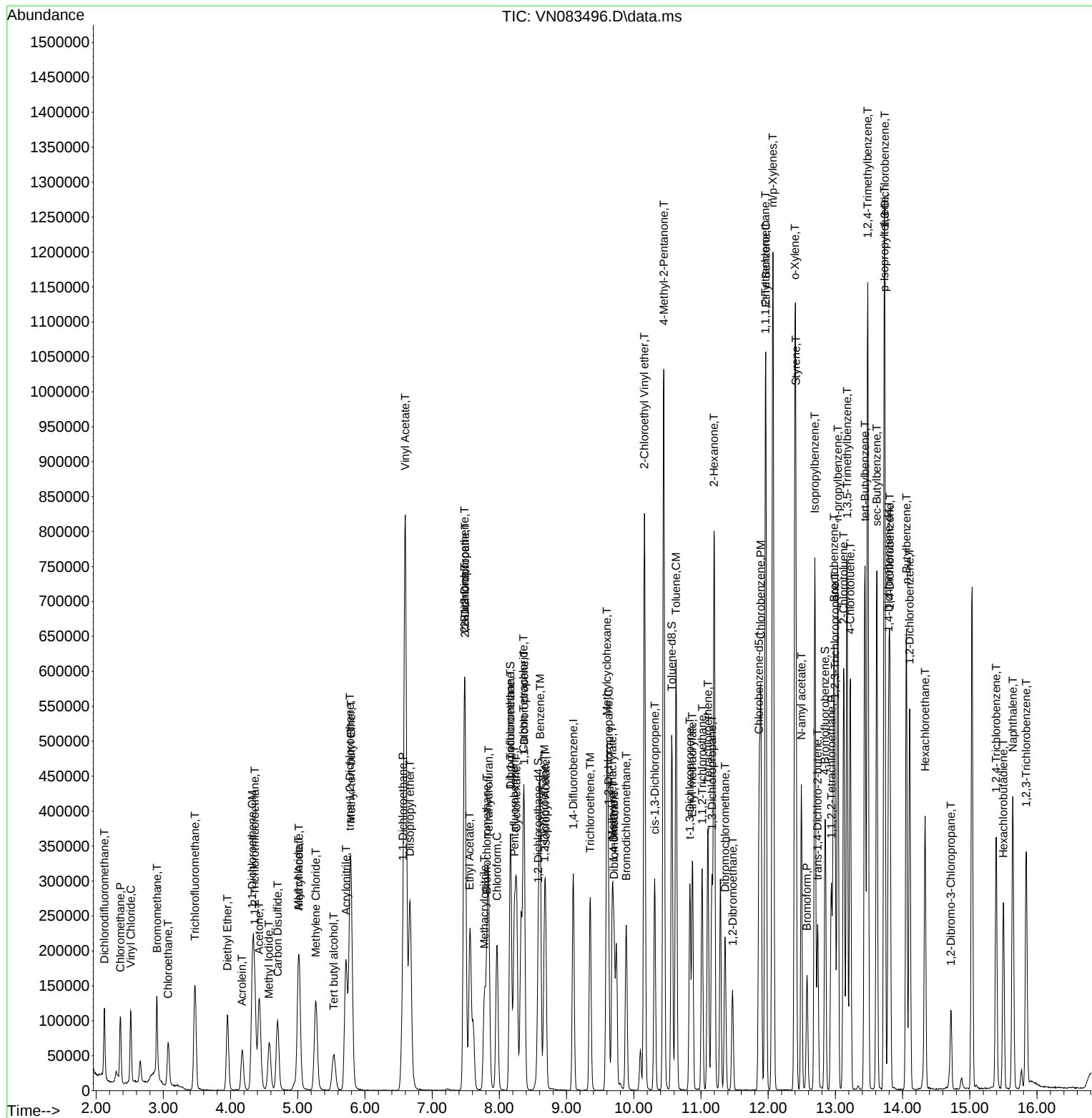
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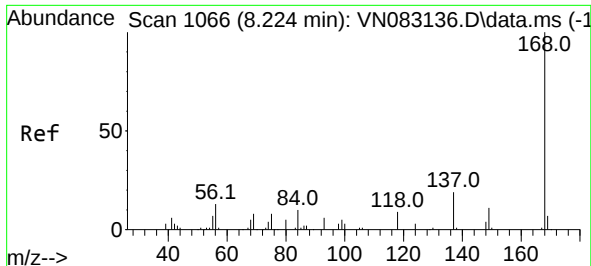
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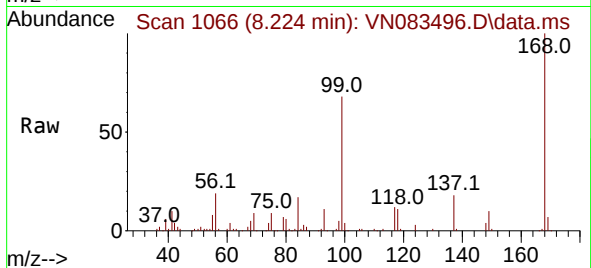
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083496.D
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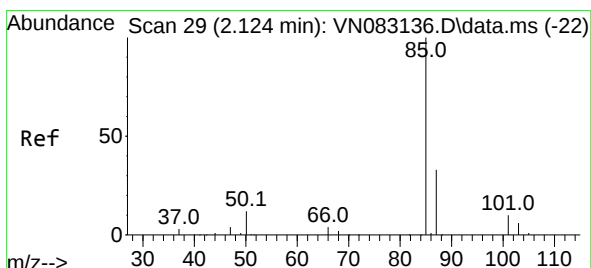
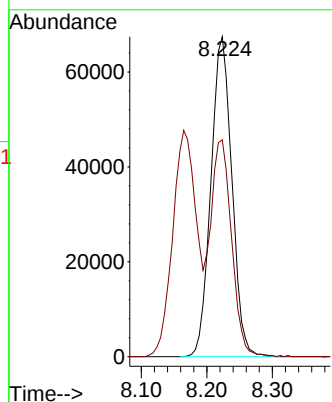
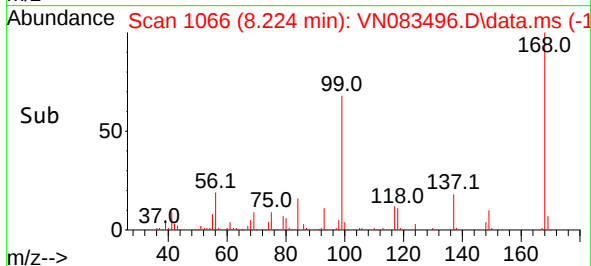
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 149799
Ion Ratio Lower Upper
168 100
99 67.3 48.2 72.4

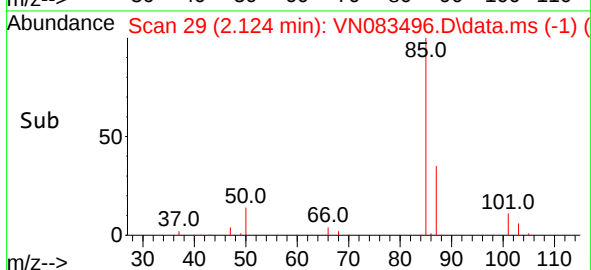
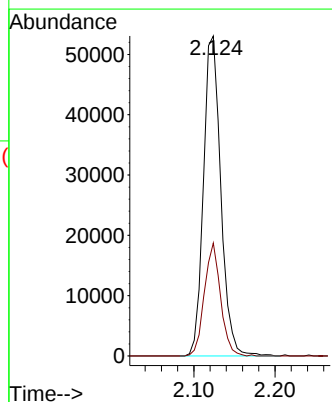
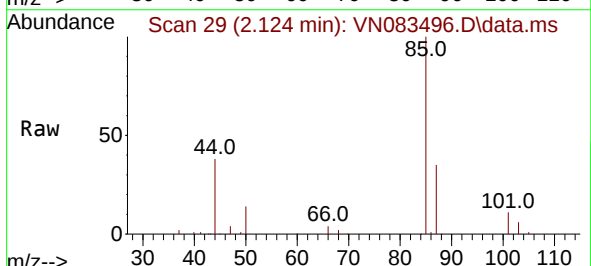
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 46.297 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

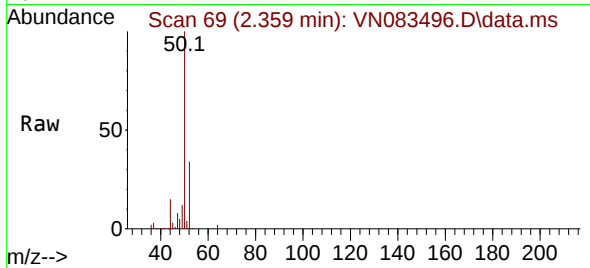
Tgt Ion: 85 Resp: 78644
Ion Ratio Lower Upper
85 100
87 35.3 15.7 47.0





#3
Chloromethane
Concen: 52.039 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

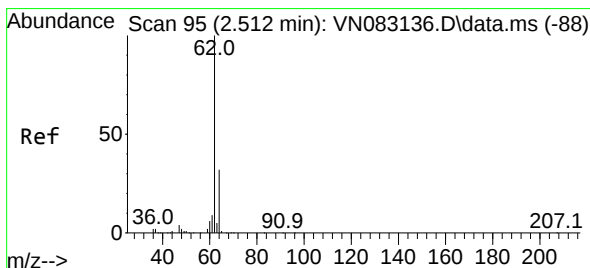
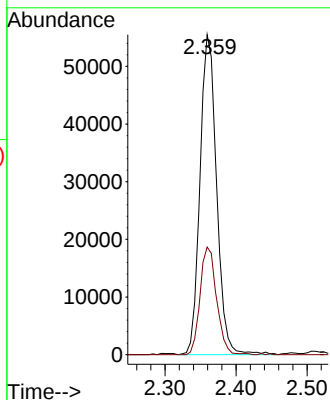
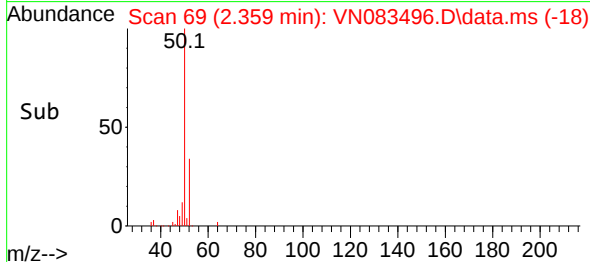
Instrument :
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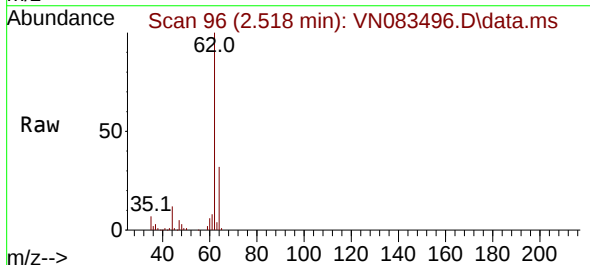
Tgt Ion: 50 Resp: 9050
Ion Ratio Lower Upper
50 100
52 33.6 25.0 37.4

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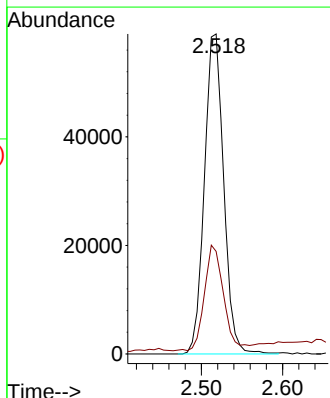
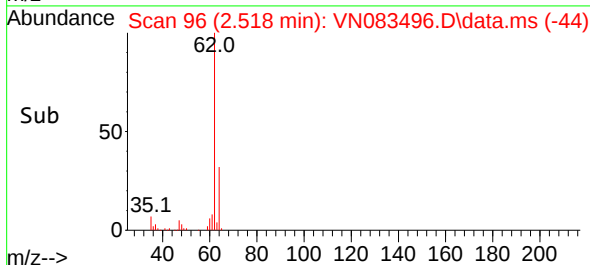
Reviewed By :John Carlone 08/28/2024
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#4
Vinyl Chloride
Concen: 54.763 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05



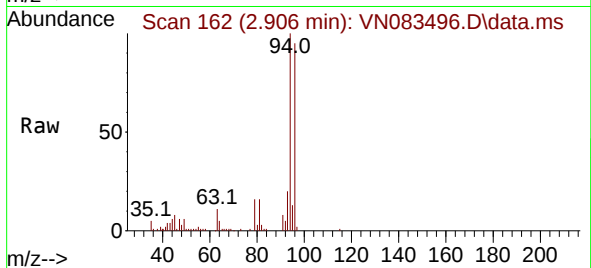
Tgt Ion: 62 Resp: 97181
Ion Ratio Lower Upper
62 100
64 30.9 25.0 37.6





#5
Bromomethane
Concen: 45.174 ug/l
RT: 2.906 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

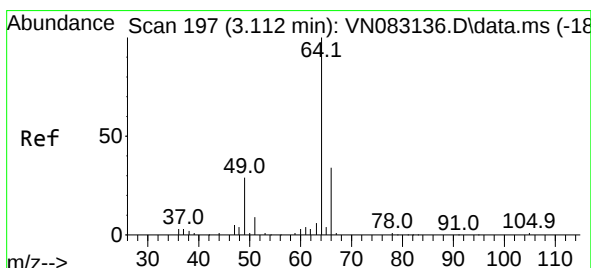
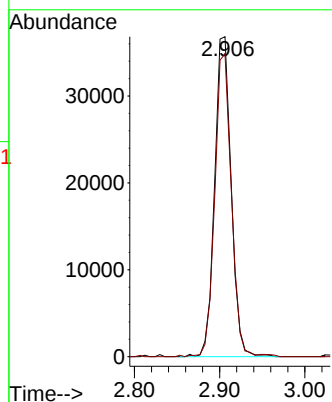
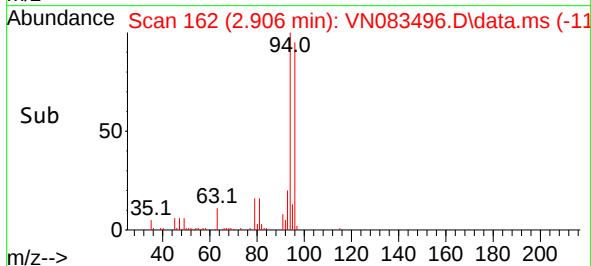
Instrument :
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Tgt Ion: 94 Resp: 4974
Ion Ratio Lower Upper
94 100
96 94.7 78.0 117.0

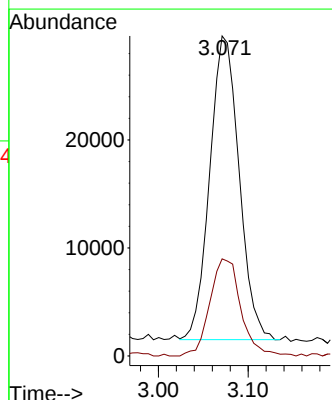
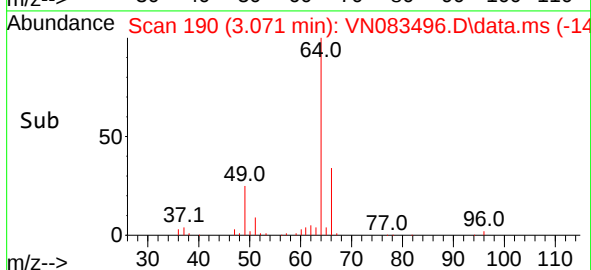
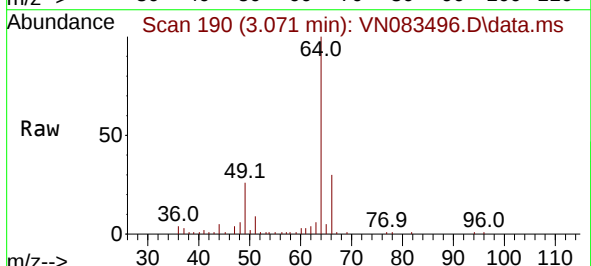
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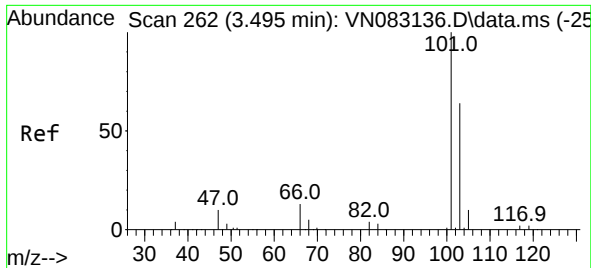
Reviewed By :John Carlone 08/28/2024
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#6
Chloroethane
Concen: 57.589 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.041 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

Tgt Ion: 64 Resp: 63937
Ion Ratio Lower Upper
64 100
66 32.0 26.6 40.0





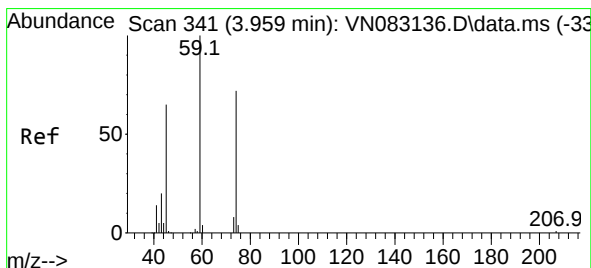
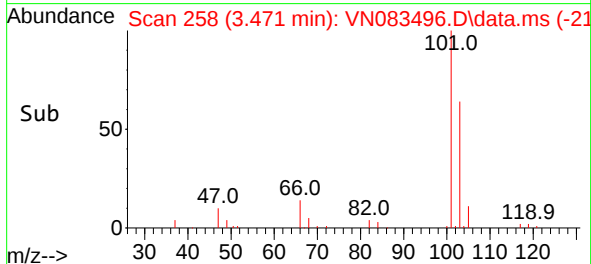
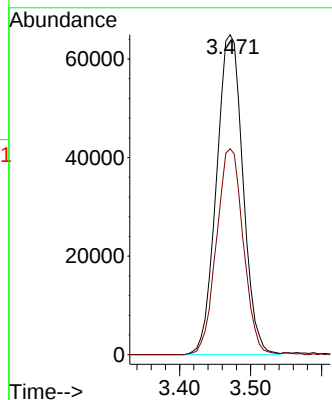
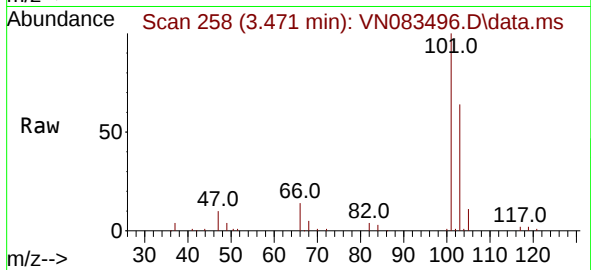
#7
Trichlorofluoromethane
Concen: 57.362 ug/l
RT: 3.471 min Scan# 21
Delta R.T. -0.024 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 168160
Ion Ratio Lower Upper
101 100
103 64.4 52.7 79.1

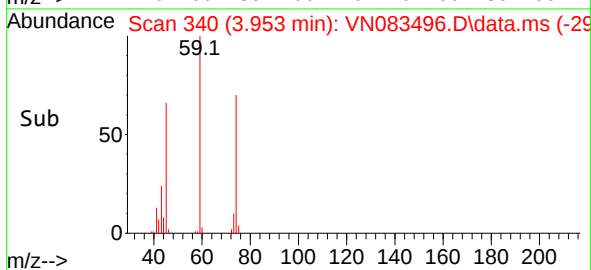
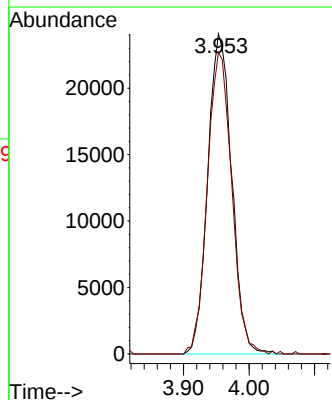
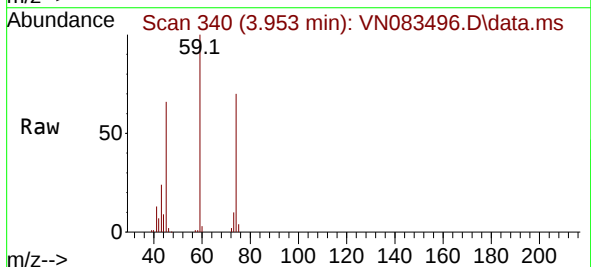
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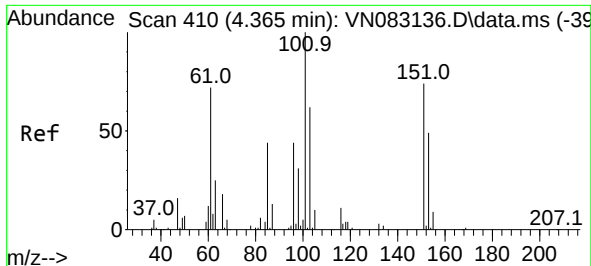
Reviewed By :John Carlone 08/28/2024
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#8
Diethyl Ether
Concen: 56.028 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

Tgt Ion: 74 Resp: 61119
Ion Ratio Lower Upper
74 100
45 95.7 55.5 166.3





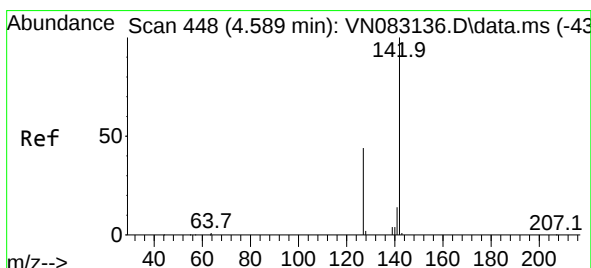
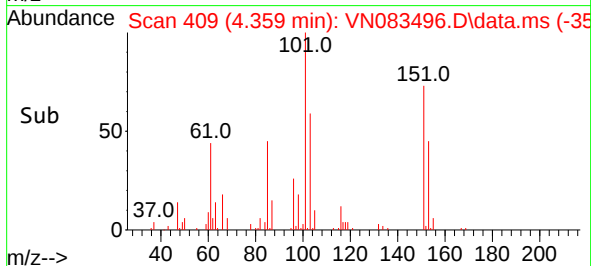
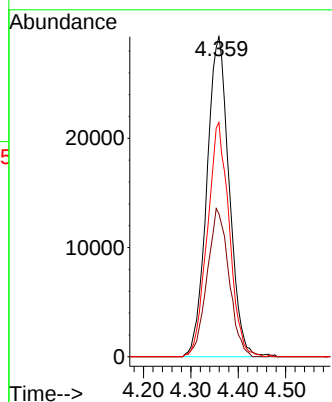
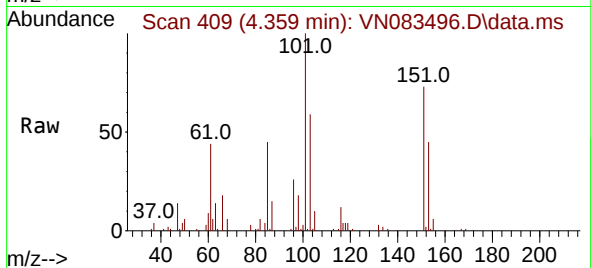
#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.383 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 95979
Ion Ratio Lower Upper
101 100
85 45.4 38.3 57.5
151 71.6 59.3 88.9

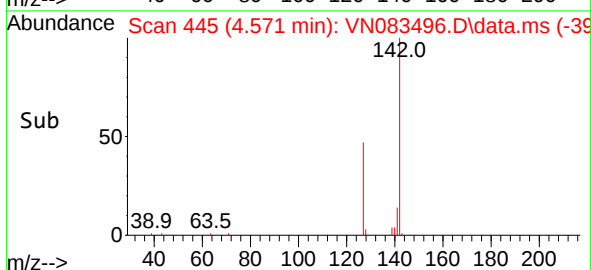
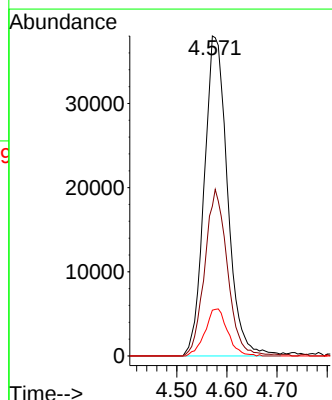
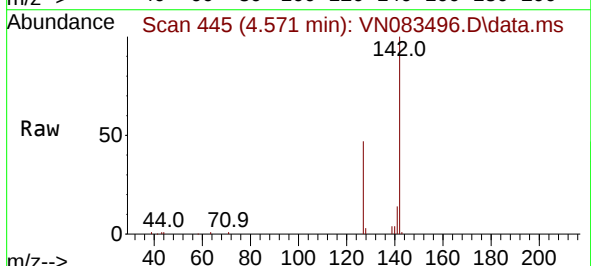
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024



#10
Methyl Iodide
Concen: 57.745 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.018 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

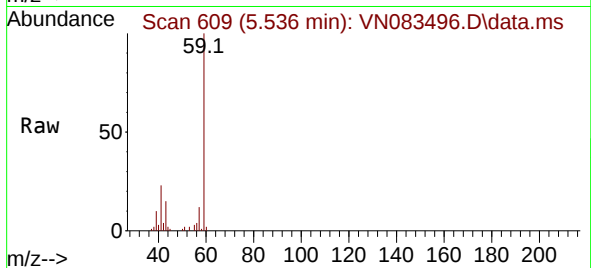
Tgt Ion:142 Resp: 122771
Ion Ratio Lower Upper
142 100
127 46.8 37.5 56.3
141 14.3 13.1 19.7





#11
Tert butyl alcohol
Concen: 232.603 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

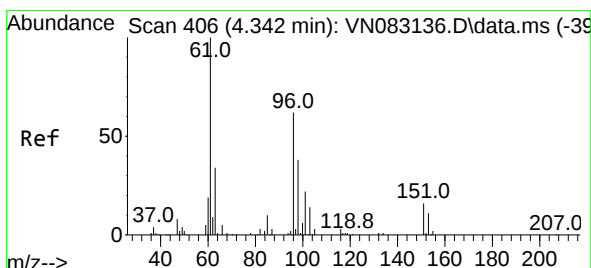
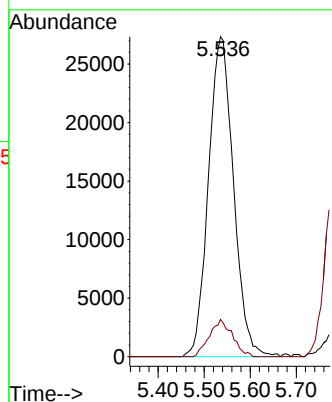
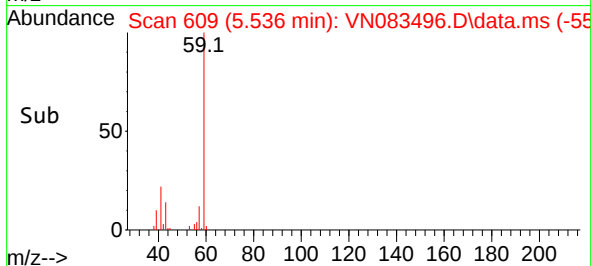
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 10306
Ion Ratio Lower Upper
59 100
57 10.7 8.9 13.3

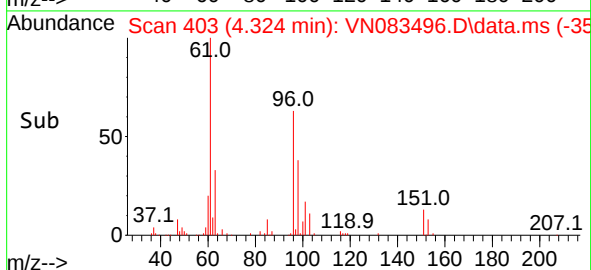
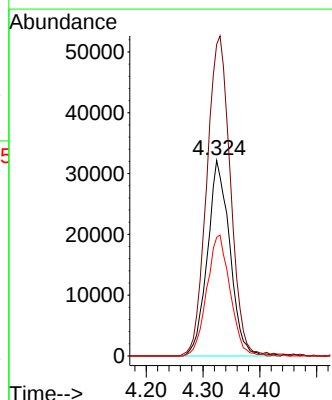
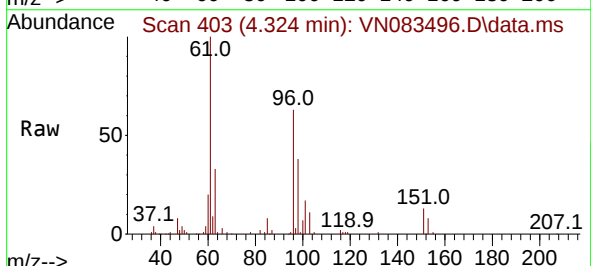
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024



#12
1,1-Dichloroethene
Concen: 52.946 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

Tgt Ion: 96 Resp: 87917
Ion Ratio Lower Upper
96 100
61 159.4 149.7 224.5
98 60.6 50.1 75.1





#13

Acrolein

Concen: 251.131 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.012 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 72524

Ion Ratio Lower Upper

56 100

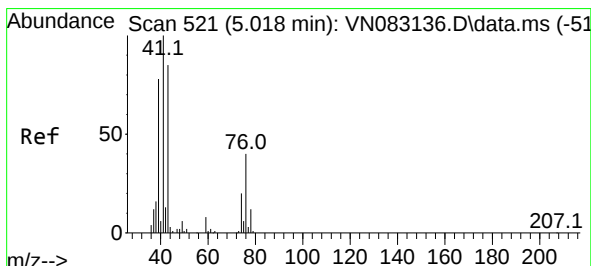
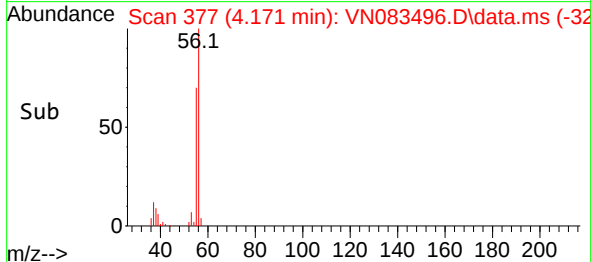
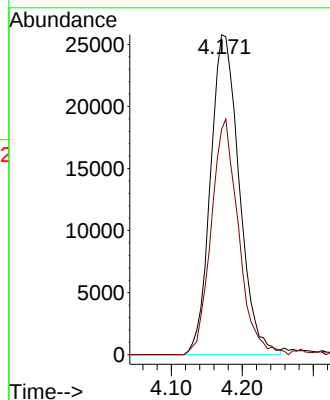
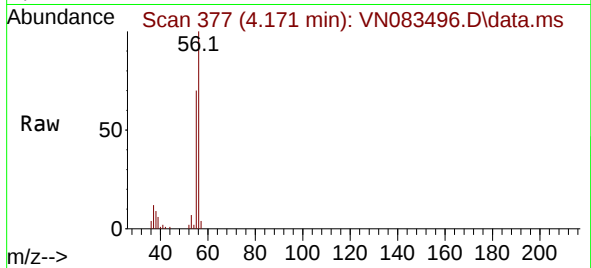
55 69.8 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/28/2024



#14

Allyl chloride

Concen: 52.818 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.006 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

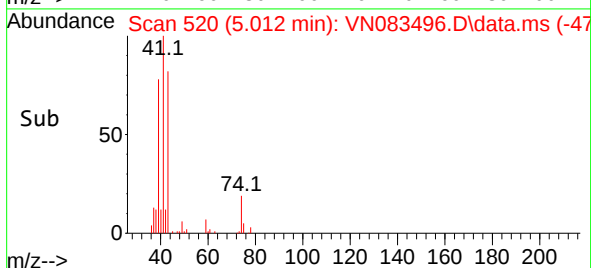
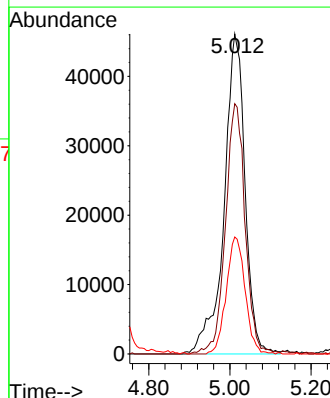
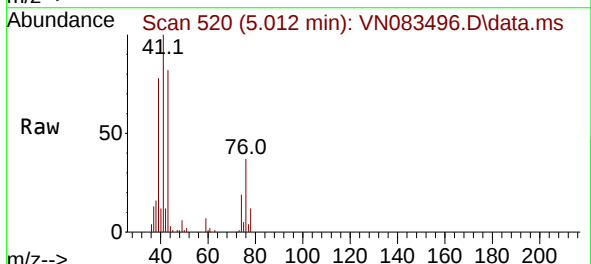
Tgt Ion: 41 Resp: 165739

Ion Ratio Lower Upper

41 100

39 73.2 67.8 101.6

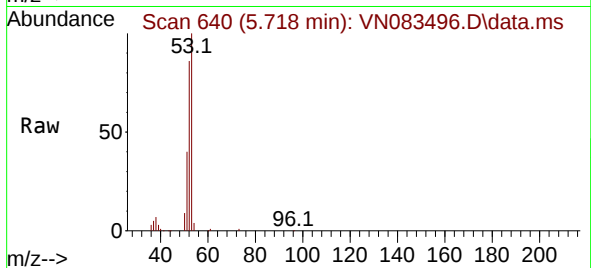
76 32.9 25.8 38.8





#15
Acrylonitrile
Concen: 267.761 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

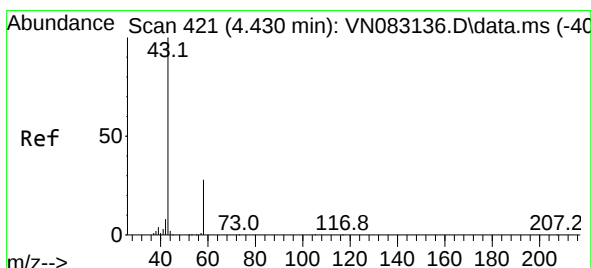
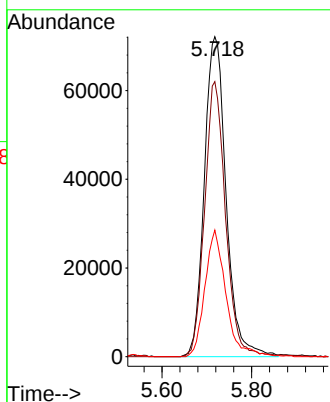
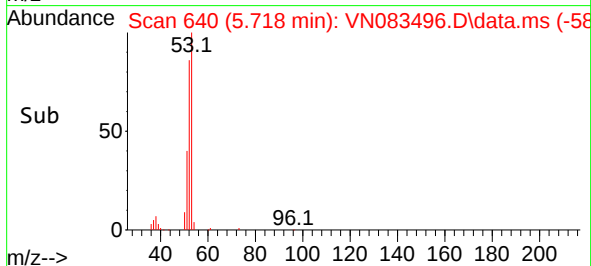
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



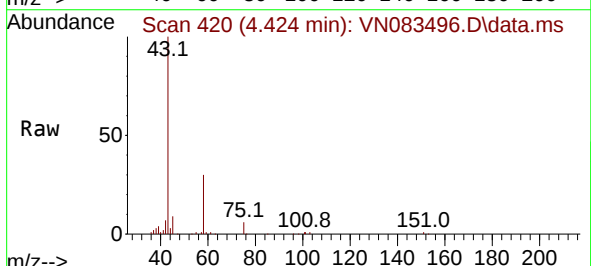
Tgt Ion: 53 Resp: 244012
Ion Ratio Lower Upper
53 100
52 82.5 66.6 100.0
51 38.2 30.1 45.1

Manual Integrations
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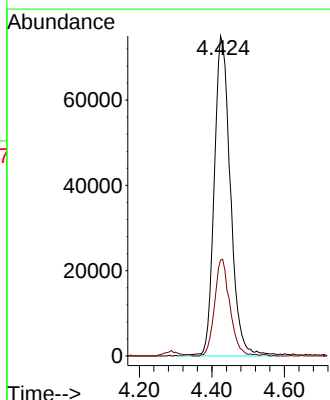
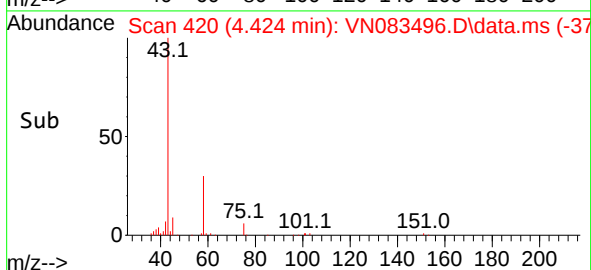
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024



#16
Acetone
Concen: 277.969 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05



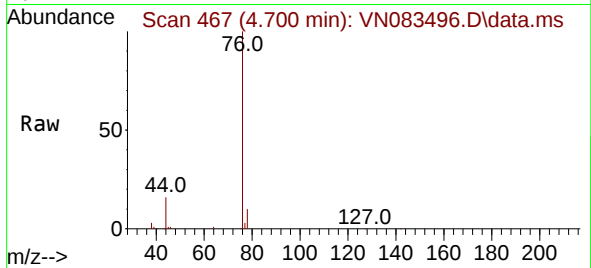
Tgt Ion: 43 Resp: 231912
Ion Ratio Lower Upper
43 100
58 30.0 21.8 32.6





#17
Carbon Disulfide
Concen: 46.247 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

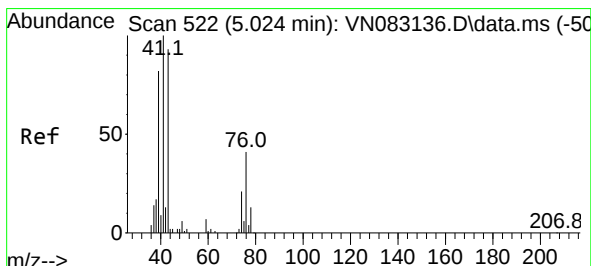
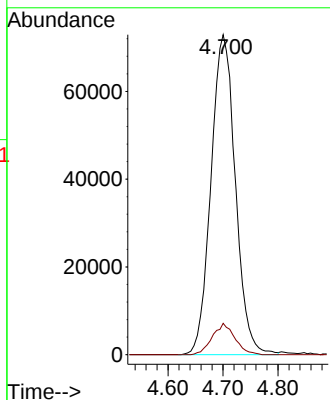
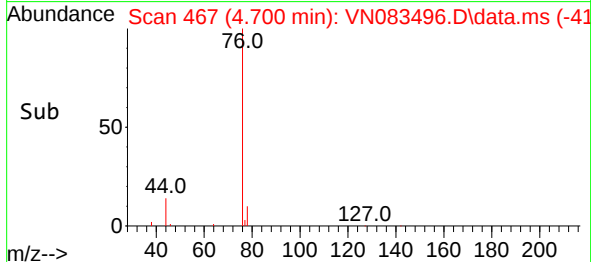
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



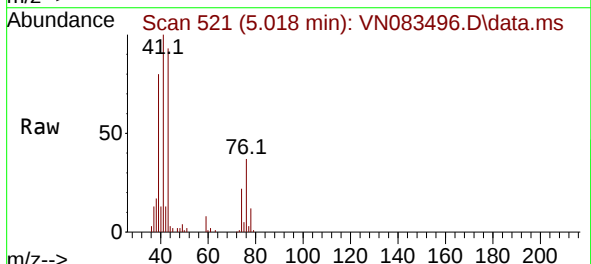
Tgt Ion: 76 Resp: 22469
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

Manual Integrations
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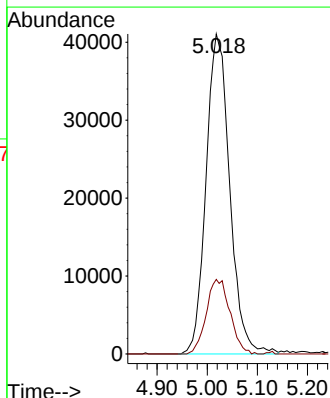
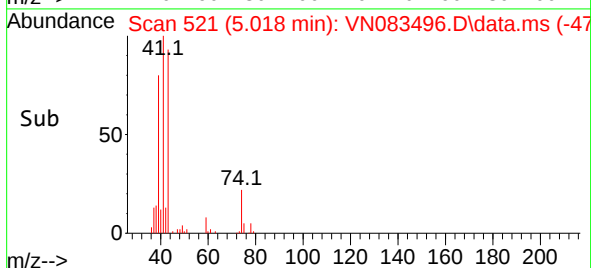
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024

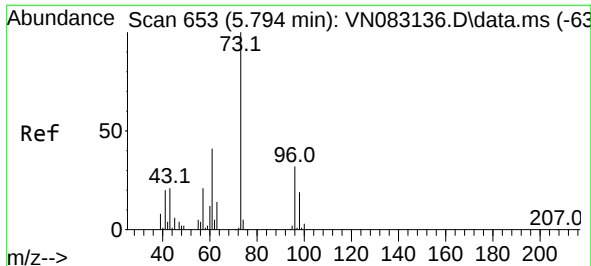


#18
Methyl Acetate
Concen: 54.198 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05



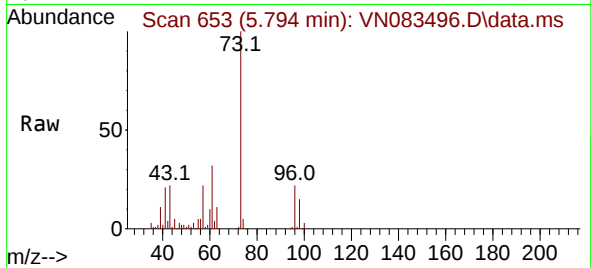
Tgt Ion: 43 Resp: 134723
Ion Ratio Lower Upper
43 100
74 23.3 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 56.242 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

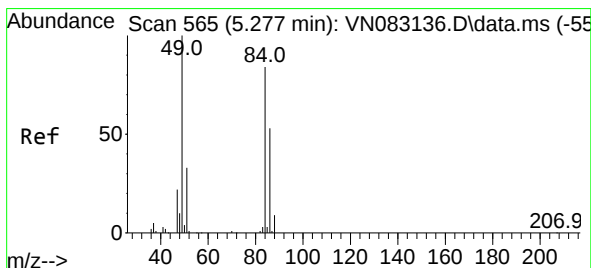
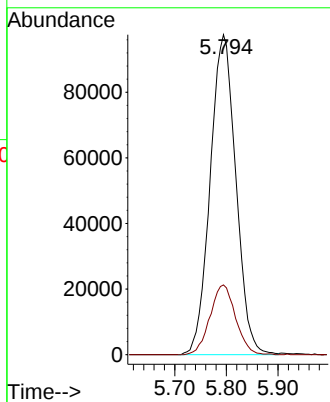
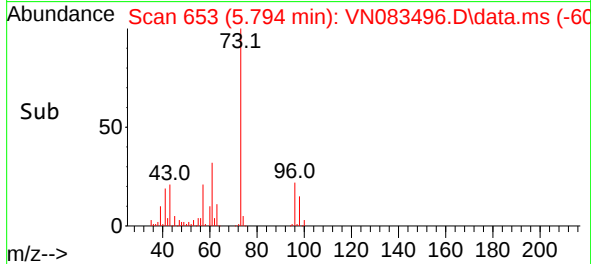
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



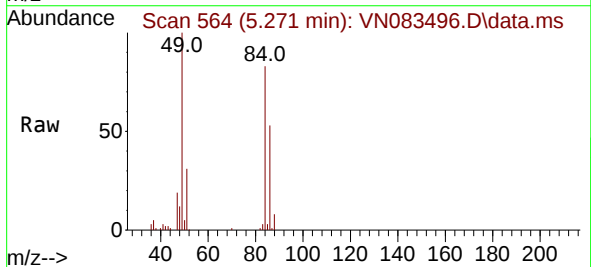
Tgt Ion: 73 Resp: 337092
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9

Manual Integrations
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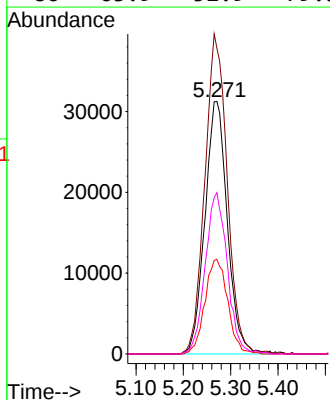
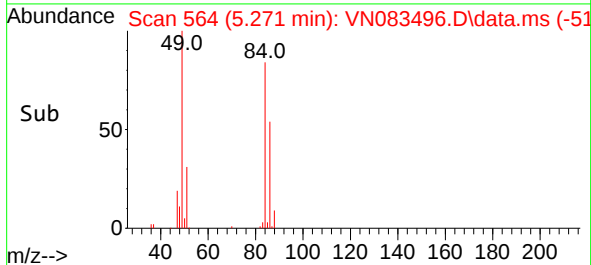
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024

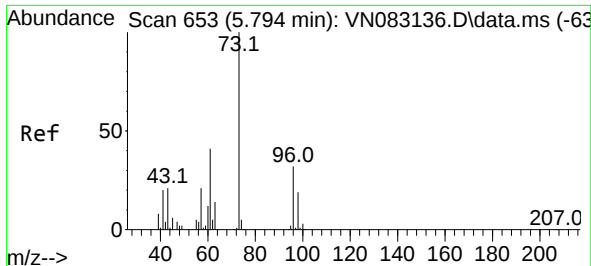


#20
Methylene Chloride
Concen: 53.561 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05



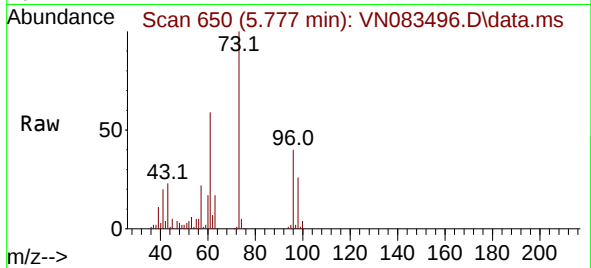
Tgt Ion: 84 Resp: 102844
Ion Ratio Lower Upper
84 100
49 121.2 119.6 179.4
51 37.5 34.8 52.2
86 63.9 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 53.074 ug/l
RT: 5.777 min Scan# 610
Delta R.T. -0.018 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

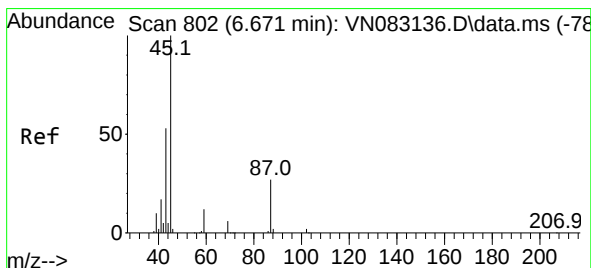
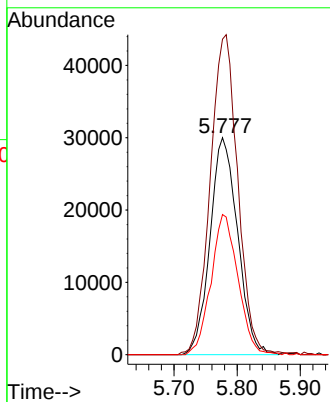
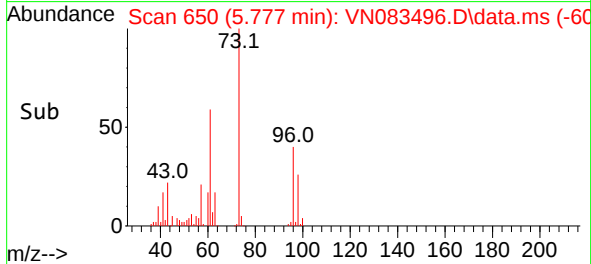
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 91086
Ion Ratio Lower Upper
96 100
61 145.4 123.4 185.2
98 64.6 49.3 73.9

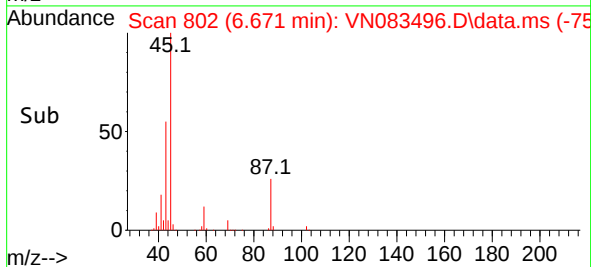
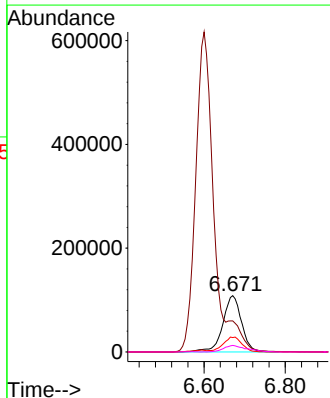
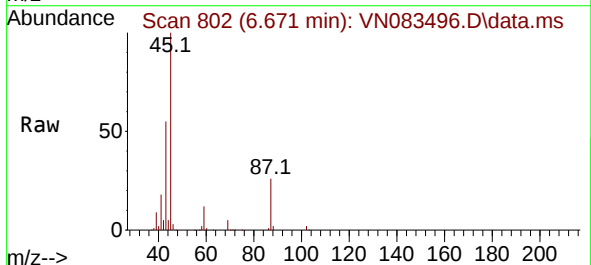
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024



#22
Diisopropyl ether
Concen: 58.825 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

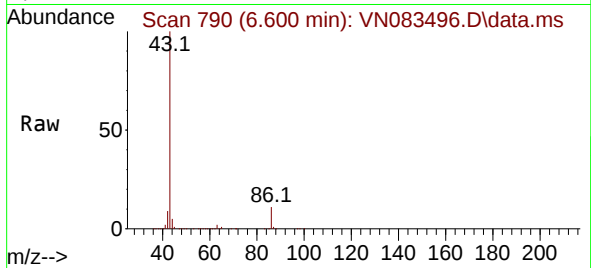
Tgt Ion: 45 Resp: 346976
Ion Ratio Lower Upper
45 100
43 54.3 44.0 66.0
87 25.6 19.7 29.5
59 11.7 8.5 12.7





#23
 Vinyl Acetate
 Concen: 296.602 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN083496.D
 Acq: 27 Aug 2024 09:05

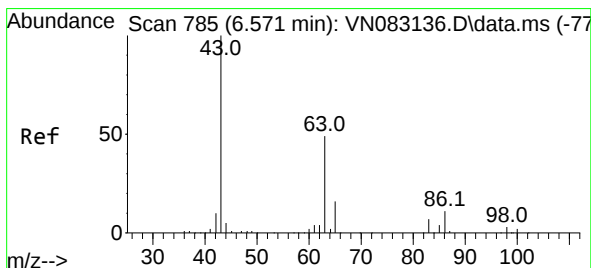
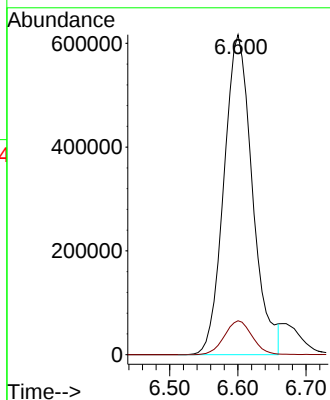
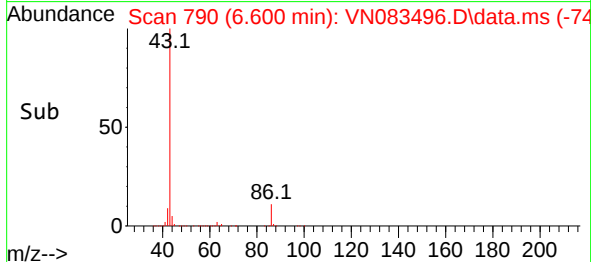
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 1793204
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.3 10.9

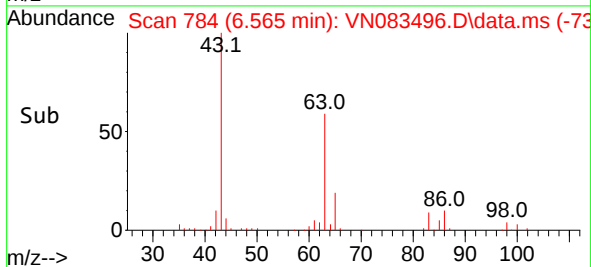
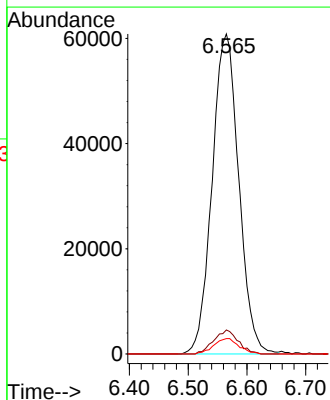
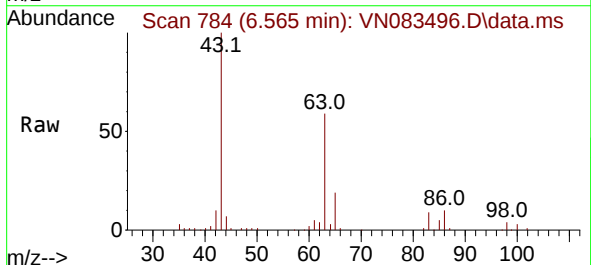
Manual Integrations
 APPROVED

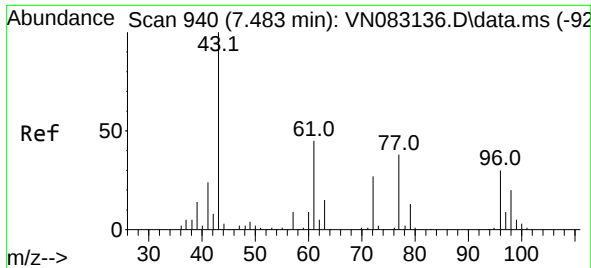
Reviewed By :John Carlone 08/28/2024
 Supervised By :Mahesh Dadoda 08/28/2024



#24
 1,1-Dichloroethane
 Concen: 59.562 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN083496.D
 Acq: 27 Aug 2024 09:05

Tgt Ion: 63 Resp: 191495
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 4.8 2.0 6.0





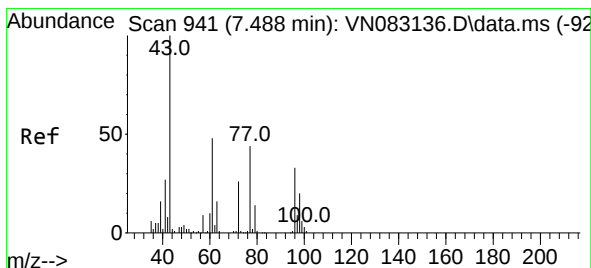
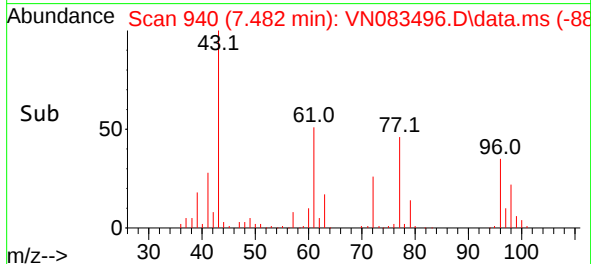
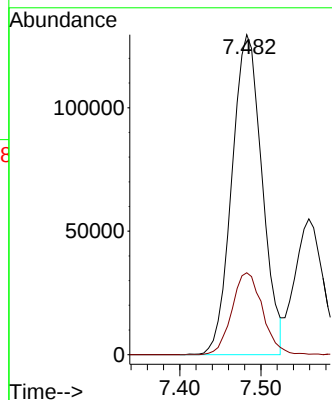
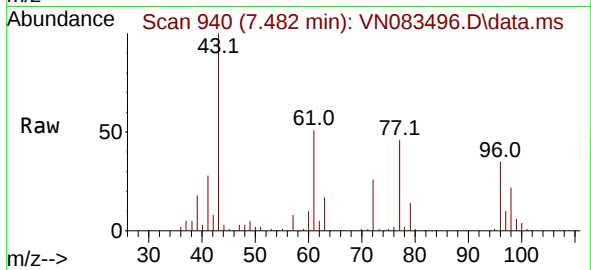
#25
2-Butanone
Concen: 261.723 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 33528
Ion Ratio Lower Upper
43 100
72 25.6 18.2 27.2

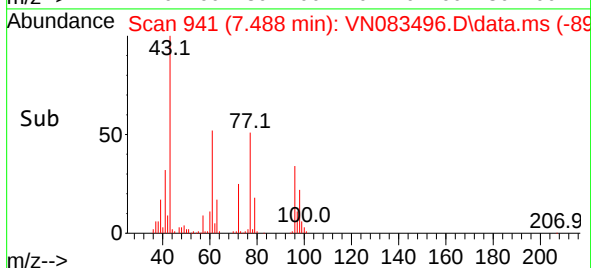
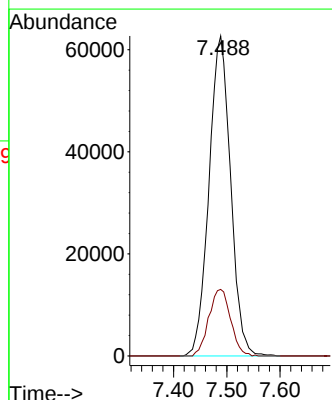
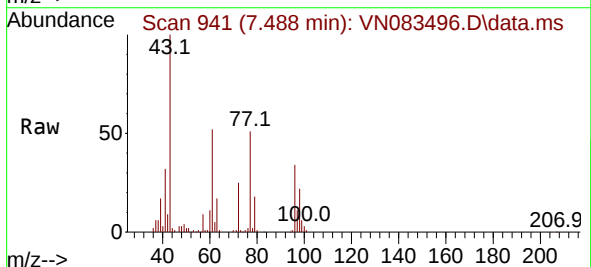
Manual Integrations
APPROVED

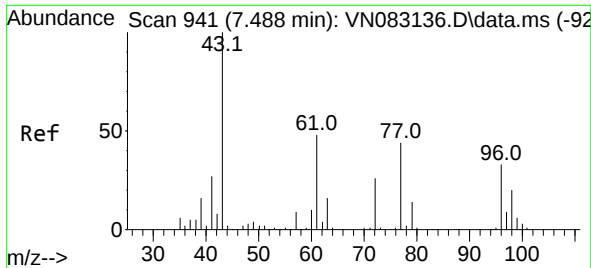
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024



#26
2,2-Dichloropropane
Concen: 59.078 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

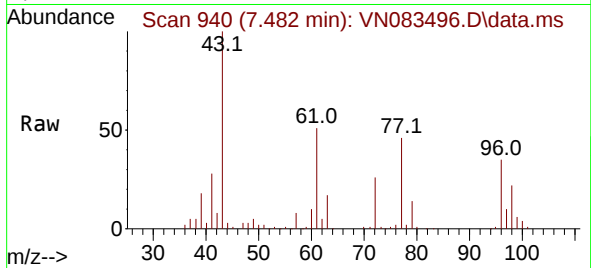
Tgt Ion: 77 Resp: 176393
Ion Ratio Lower Upper
77 100
97 21.0 10.3 30.9





#27
cis-1,2-Dichloroethene
Concen: 56.506 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

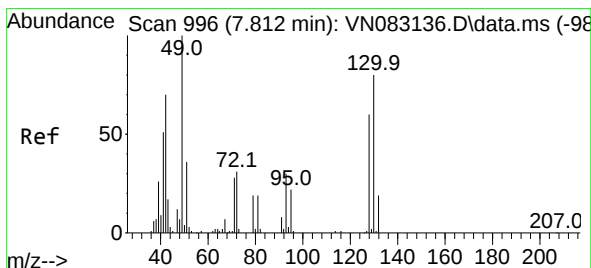
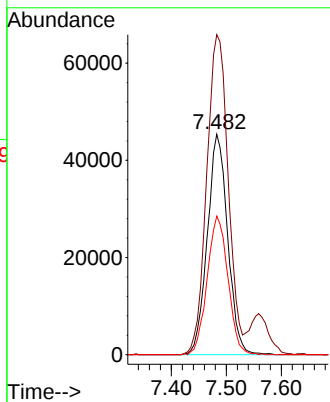
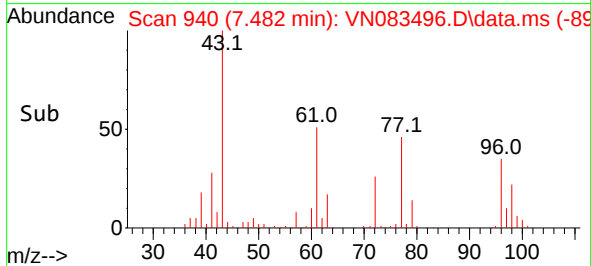
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 11702
Ion Ratio Lower Upper
96 100
61 152.5 0.0 329.6
98 63.9 0.0 128.6

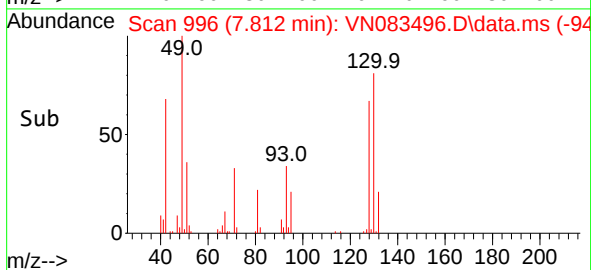
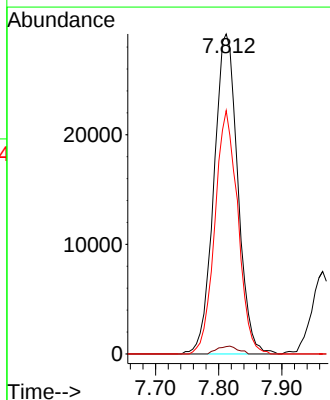
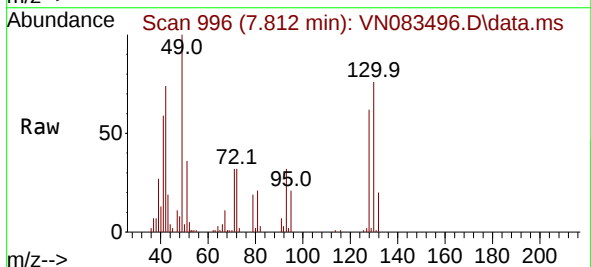
Manual Integrations
APPROVED

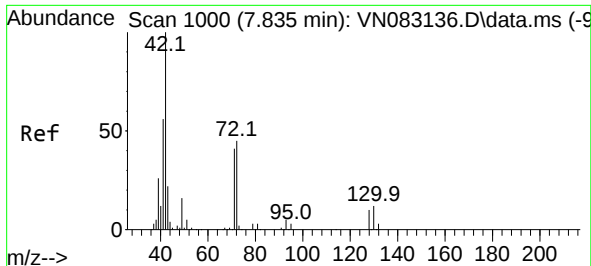
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024



#28
Bromochloromethane
Concen: 58.369 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

Tgt Ion: 49 Resp: 76691
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 73.0 50.5 75.7





#29

Tetrahydrofuran

Concen: 260.021 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 215328

Ion Ratio Lower Upper

42 100

72 44.6 30.0 45.0

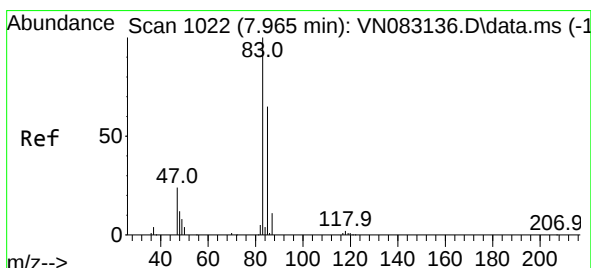
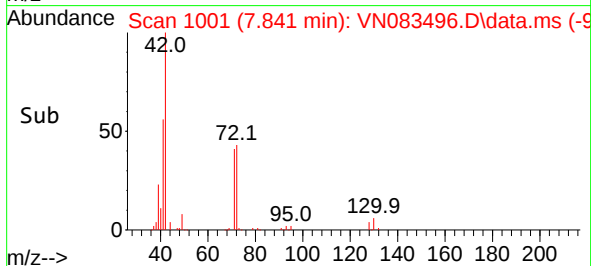
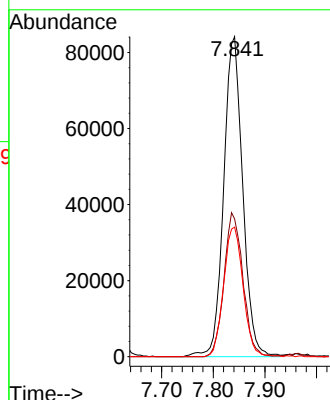
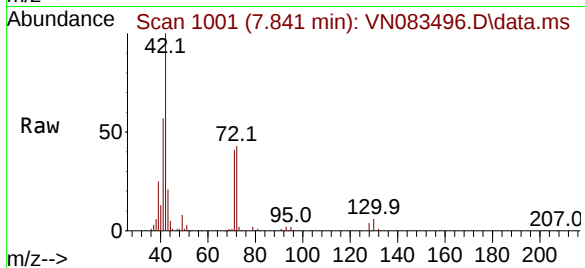
71 41.4 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/28/2024



#30

Chloroform

Concen: 60.759 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN083496.D

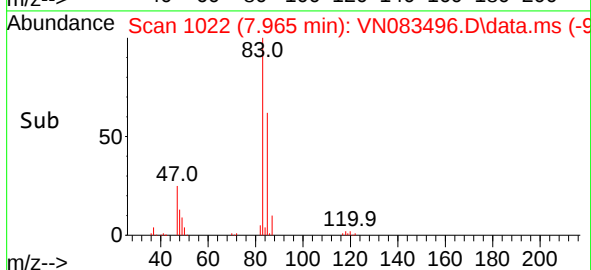
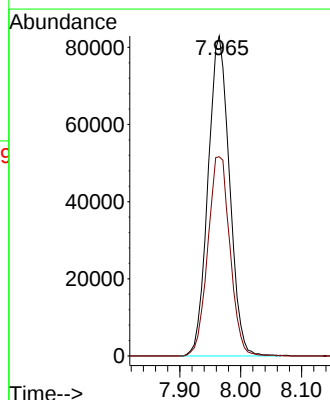
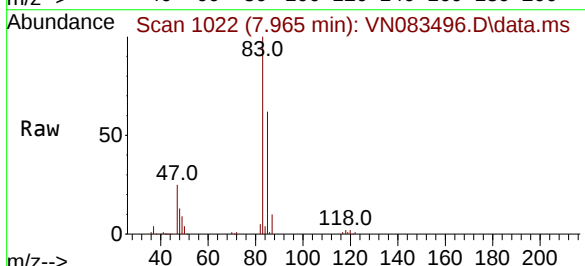
Acq: 27 Aug 2024 09:05

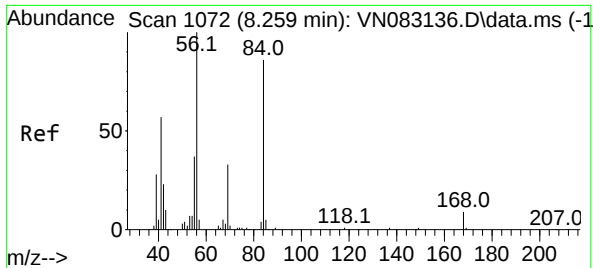
Tgt Ion: 83 Resp: 202947

Ion Ratio Lower Upper

83 100

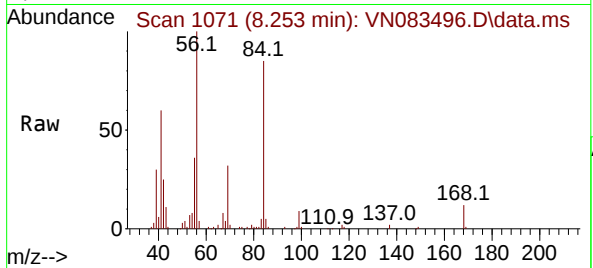
85 62.2 50.9 76.3





#31
Cyclohexane
Concen: 50.765 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

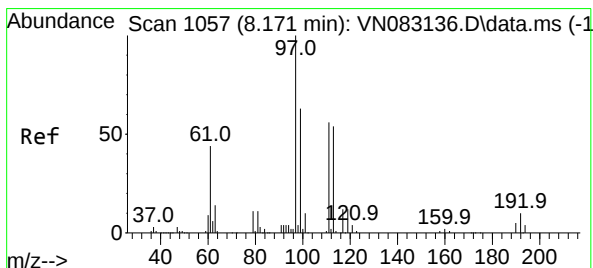
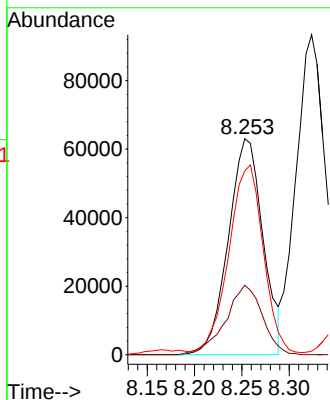
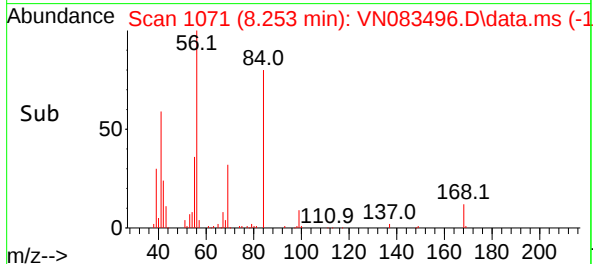
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



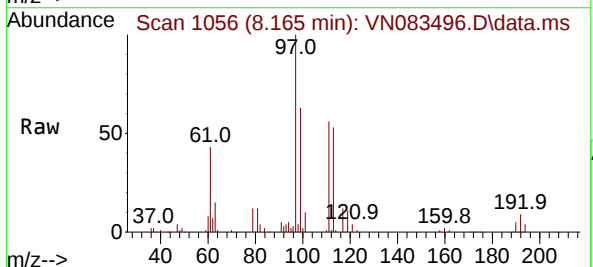
Tgt Ion: 56 Resp: 16040
Ion Ratio Lower Upper
56 100
69 32.2 24.5 36.7
84 82.9 66.0 99.0

Manual Integrations
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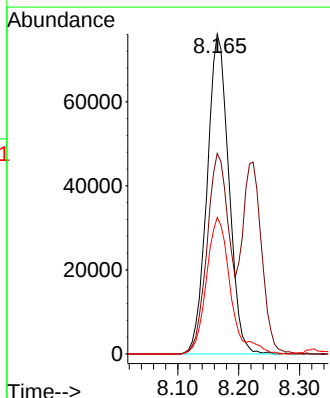
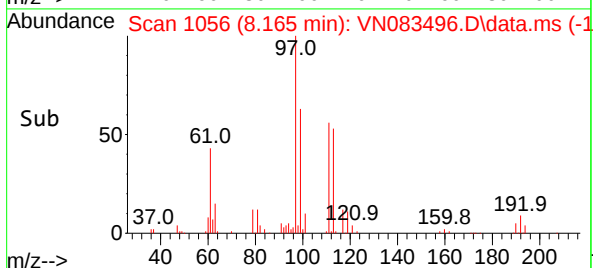
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024

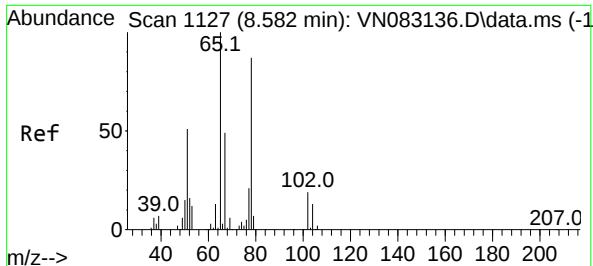


#32
1,1,1-Trichloroethane
Concen: 59.706 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05



Tgt Ion: 97 Resp: 188769
Ion Ratio Lower Upper
97 100
99 63.8 52.0 78.0
61 47.0 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 62.015 ug/l

RT: 8.576 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 13222

Ion Ratio Lower Upper

65 100

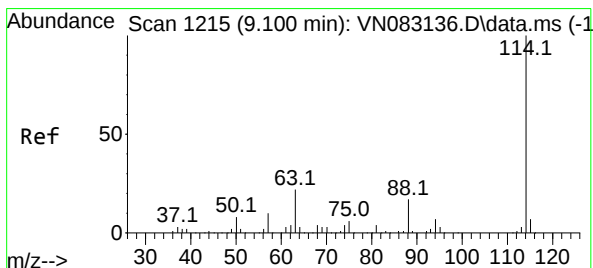
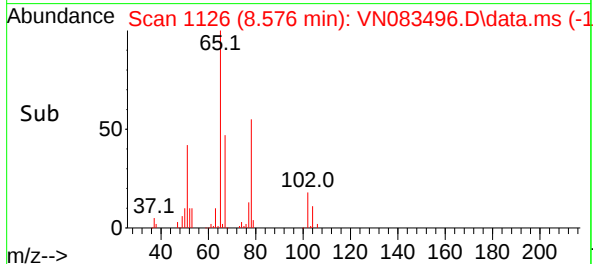
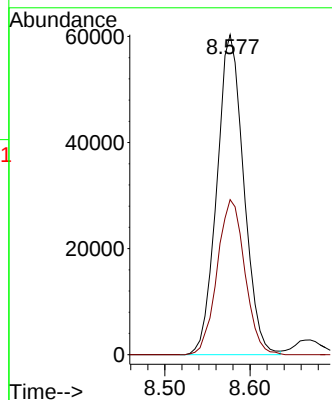
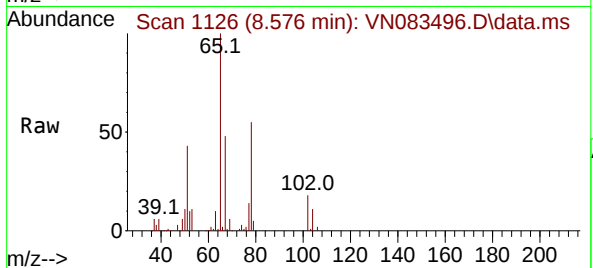
67 49.9 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/28/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

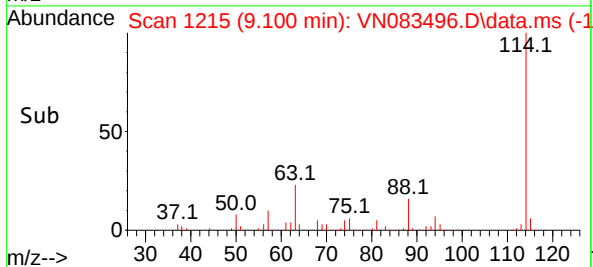
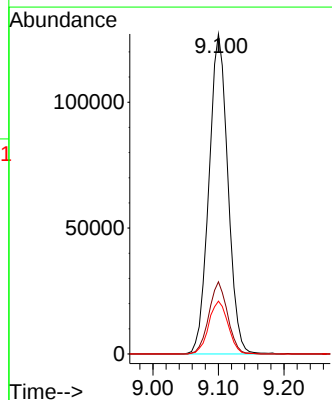
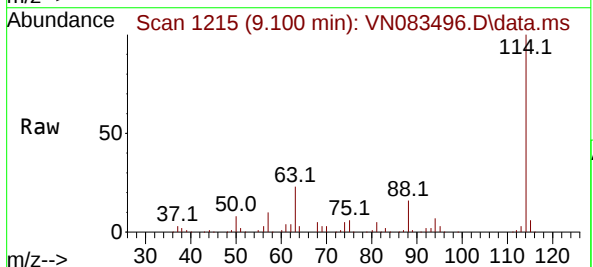
Tgt Ion:114 Resp: 255248

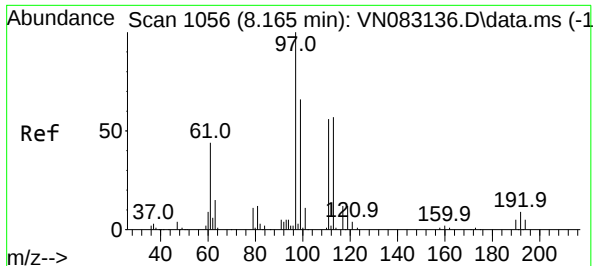
Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 59.871 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

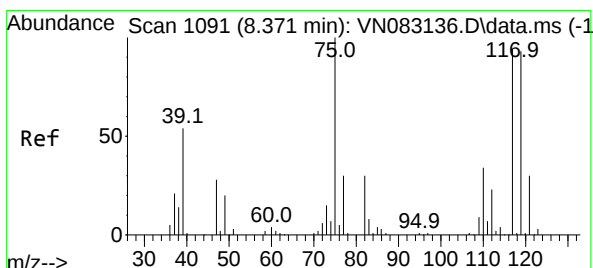
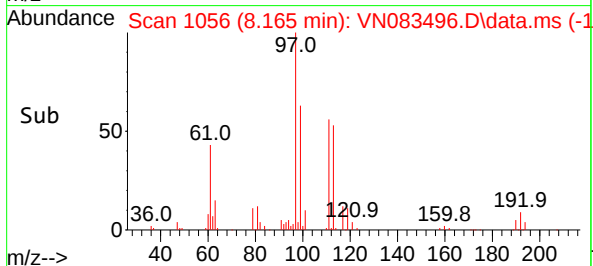
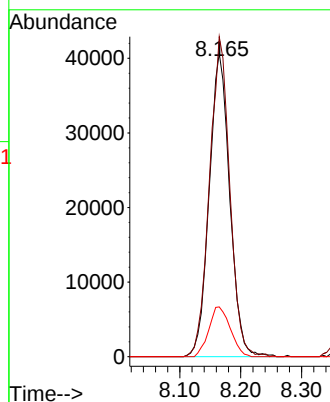
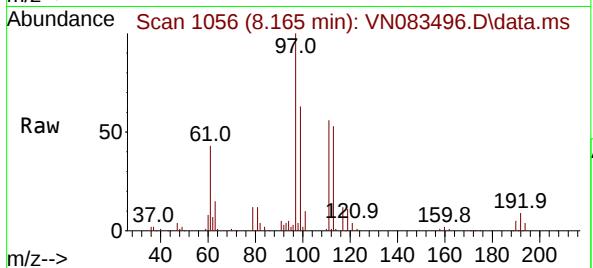
Tgt Ion:	113	Resp:	9538
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.4	123.6
192	17.2	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/28/2024



#36

1,1-Dichloropropene

Concen: 55.629 ug/l

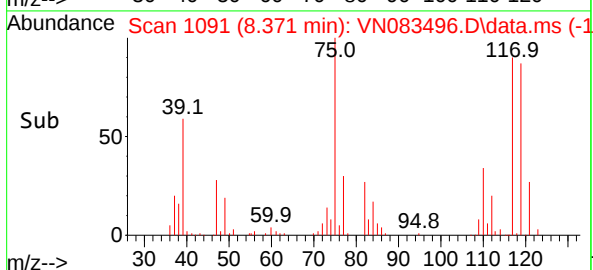
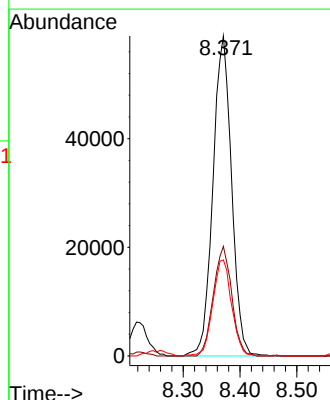
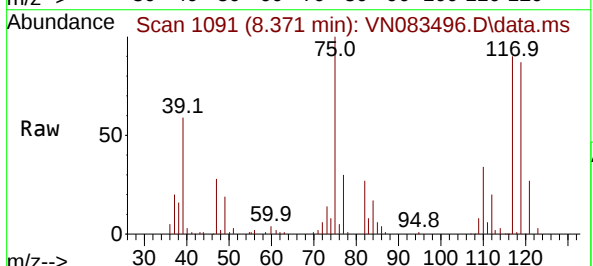
RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

Tgt Ion:	75	Resp:	134069
Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.3	48.9
77	30.3	24.6	37.0





#37

Ethyl Acetate

Concen: 50.946 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 137470

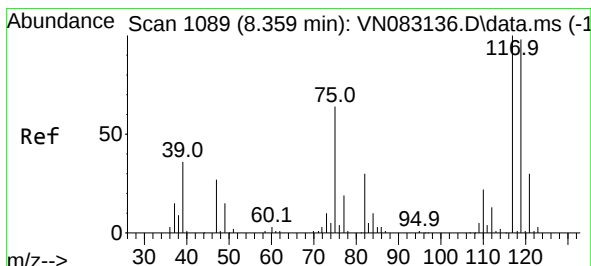
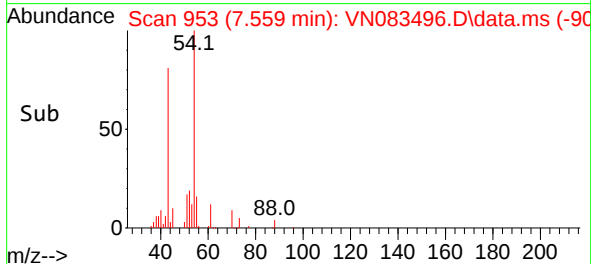
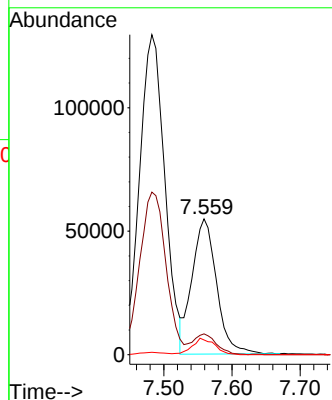
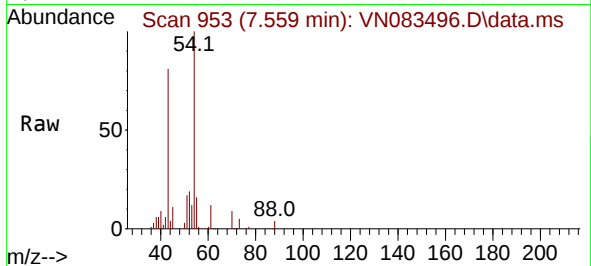
Ion	Ratio	Lower	Upper
43	100		
61	14.0	9.3	13.9
70	11.1	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/28/2024



#38

Carbon Tetrachloride

Concen: 59.850 ug/l

RT: 8.359 min Scan# 1089

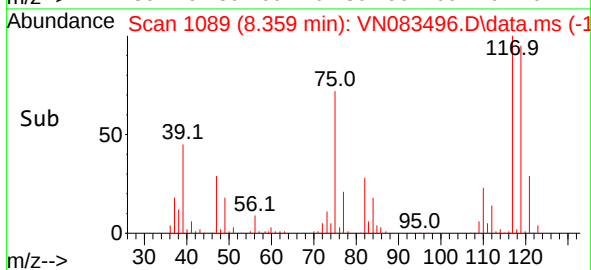
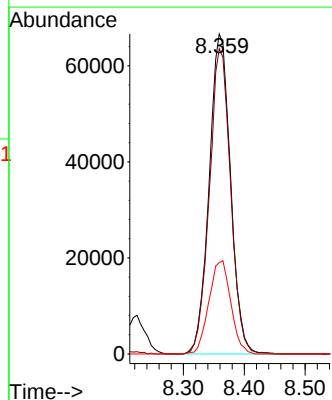
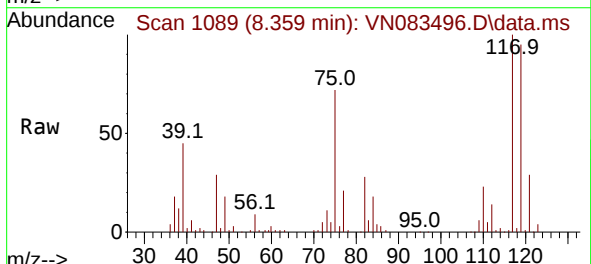
Delta R.T. -0.000 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

Tgt Ion:117 Resp: 162463

Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.9	112.3
121	28.5	24.3	36.5





#39

Methylcyclohexane

Concen: 55.020 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 162870

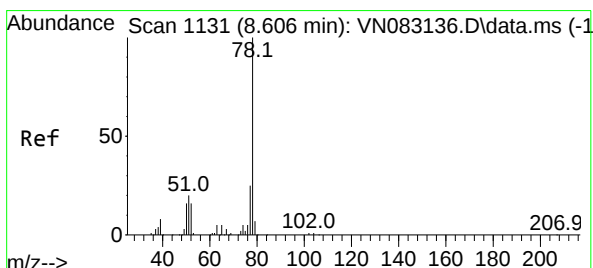
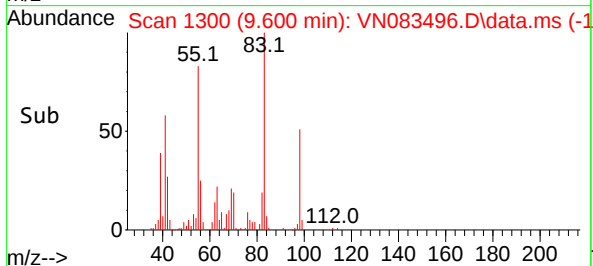
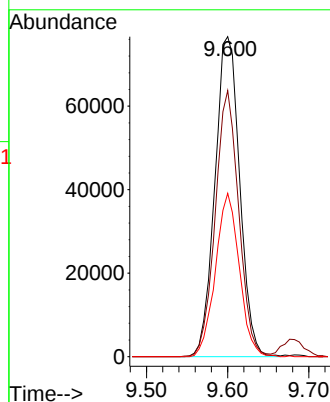
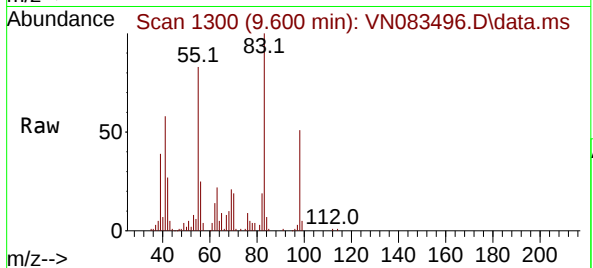
Ion	Ratio	Lower	Upper
83	100		
55	83.1	66.4	99.6
98	51.0	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/28/2024



#40

Benzene

Concen: 58.951 ug/l

RT: 8.606 min Scan# 1131

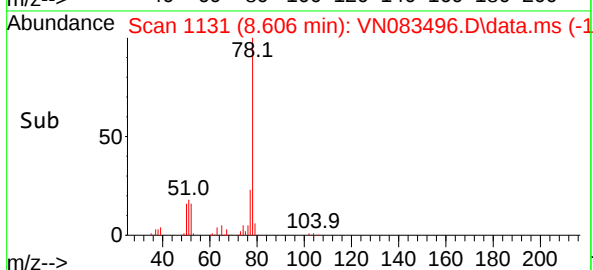
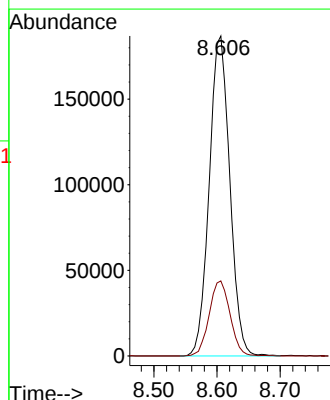
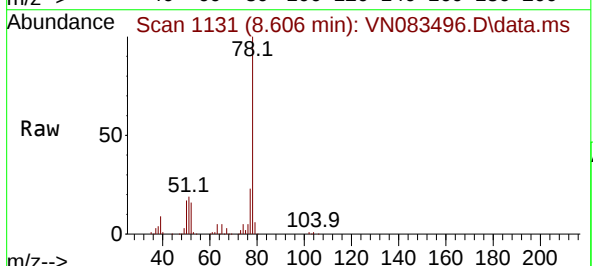
Delta R.T. -0.000 min

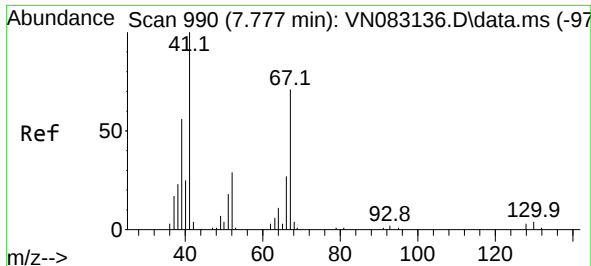
Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

Tgt Ion: 78 Resp: 423252

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





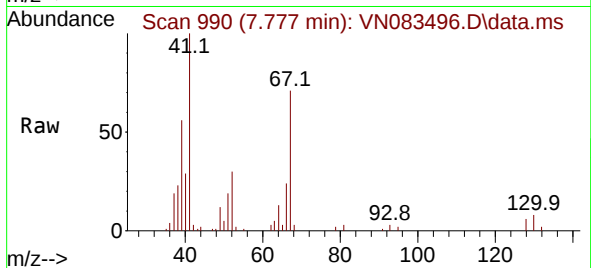
#41
Methacrylonitrile
Concen: 52.459 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

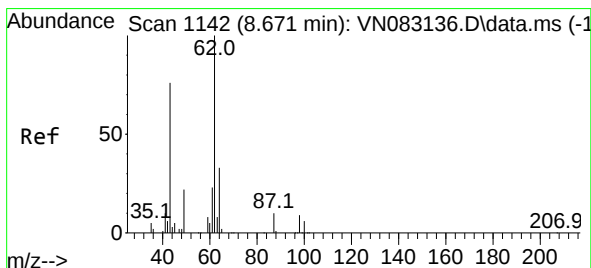
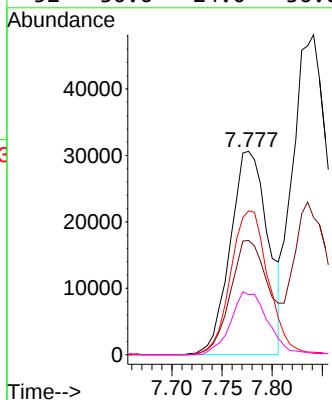
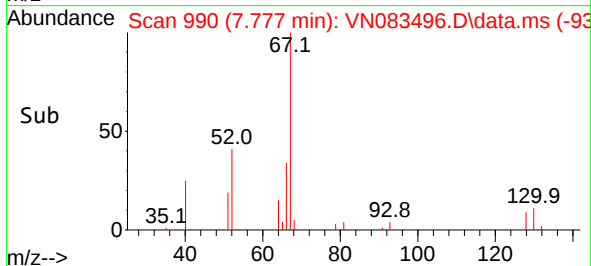
VSTDCCC050



Tgt Ion: 41 Resp: 8048
Ion Ratio Lower Upper
41 100
39 56.1 45.5 68.3
67 70.6 50.5 75.7
52 30.6 24.0 36.0

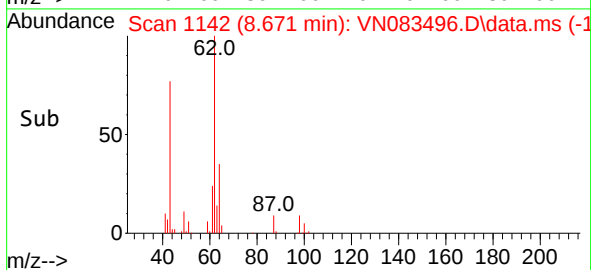
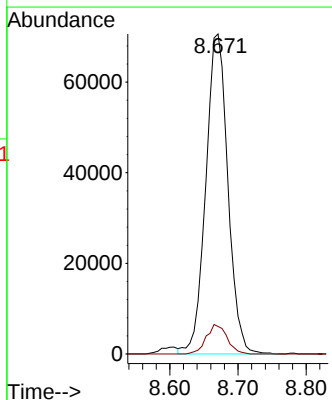
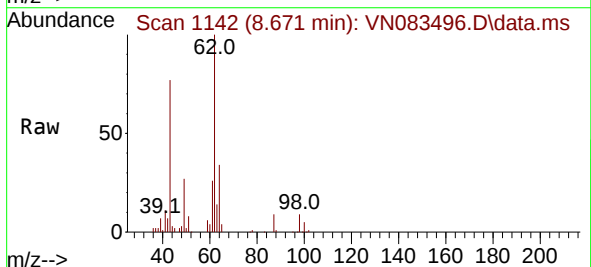
Manual Integrations
APPROVED

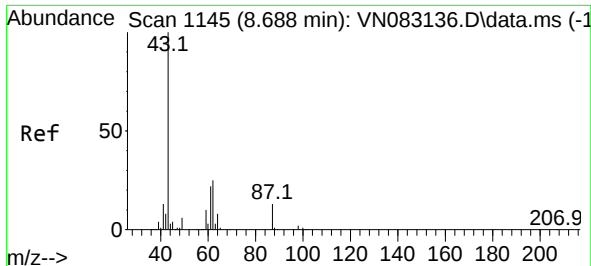
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024



#42
1,2-Dichloroethane
Concen: 61.003 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

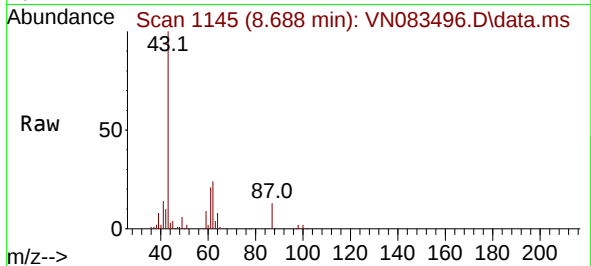
Tgt Ion: 62 Resp: 159548
Ion Ratio Lower Upper
62 100
98 8.6 0.0 15.8





#43
Isopropyl Acetate
Concen: 52.553 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

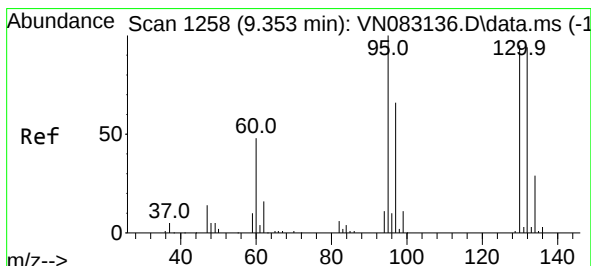
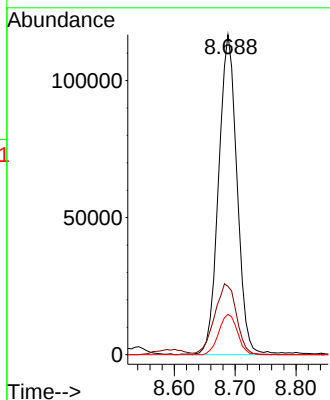
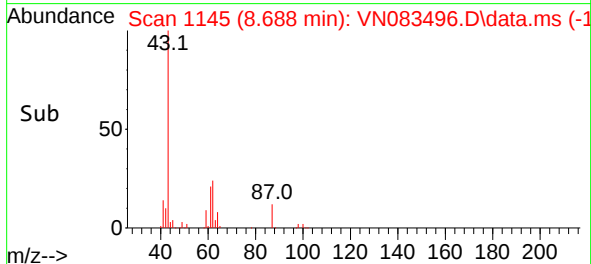
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



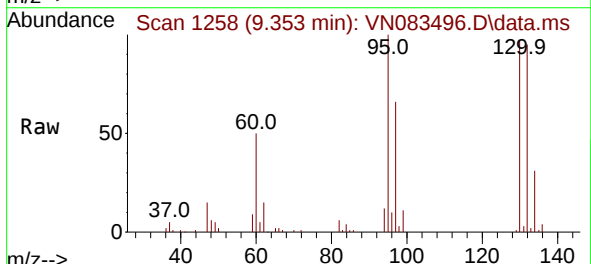
Tgt Ion: 43 Resp: 245120
Ion Ratio Lower Upper
43 100
61 26.4 17.8 26.6
87 12.7 8.2 12.2

Manual Integrations
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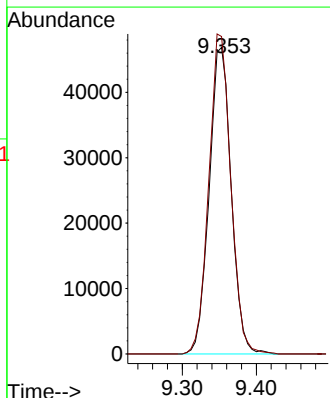
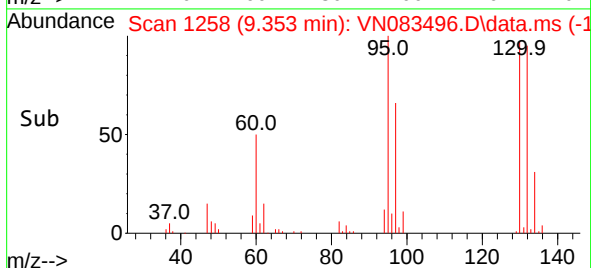
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024

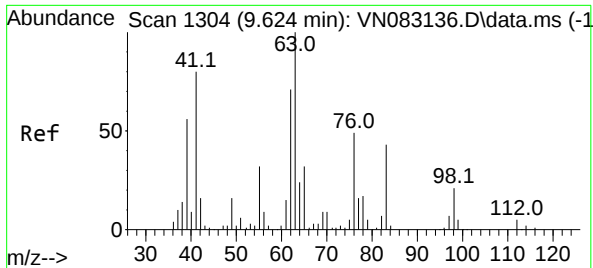


#44
Trichloroethene
Concen: 56.633 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05



Tgt Ion:130 Resp: 96781
Ion Ratio Lower Upper
130 100
95 103.6 0.0 197.8





#45

1,2-Dichloropropane

Concen: 61.057 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 104050

Ion Ratio Lower Upper

63 100

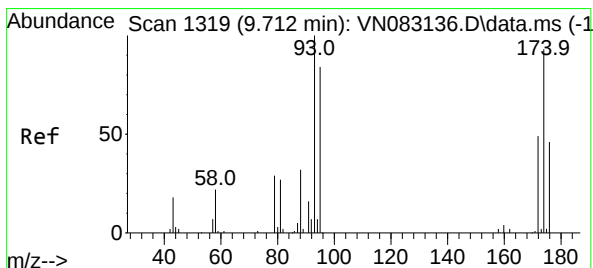
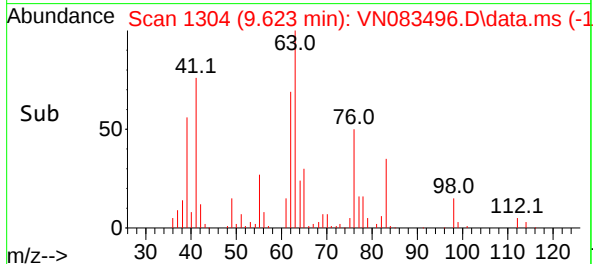
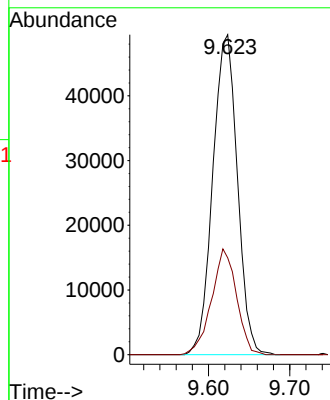
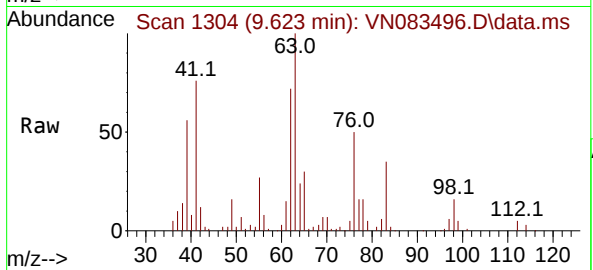
65 30.3 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/28/2024



#46

Dibromomethane

Concen: 60.284 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

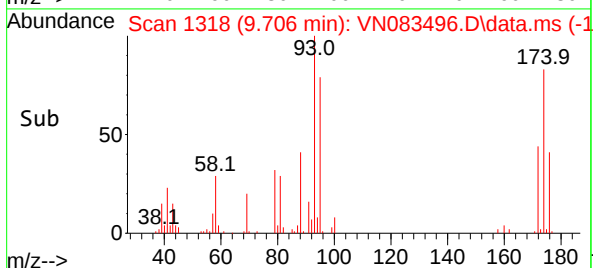
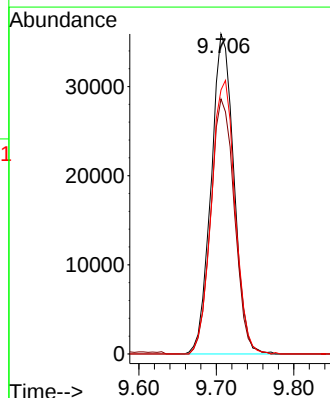
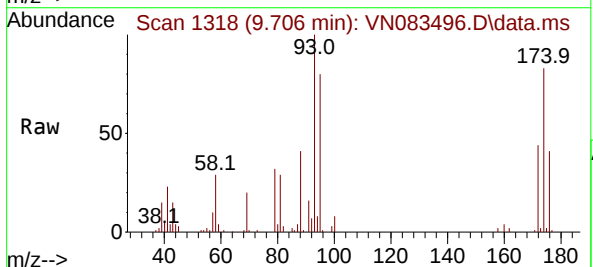
Tgt Ion: 93 Resp: 73538

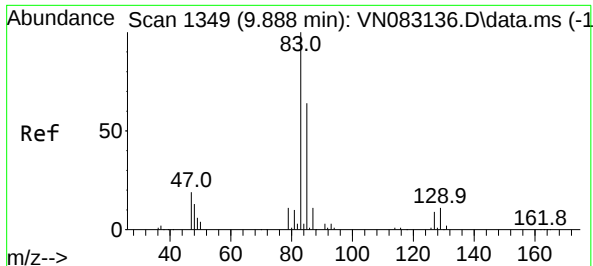
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.6

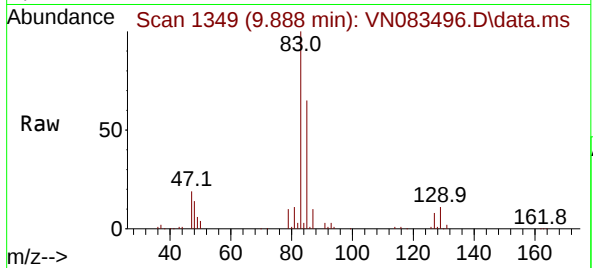
174 88.4 71.7 107.5





#47
Bromodichloromethane
Concen: 58.913 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

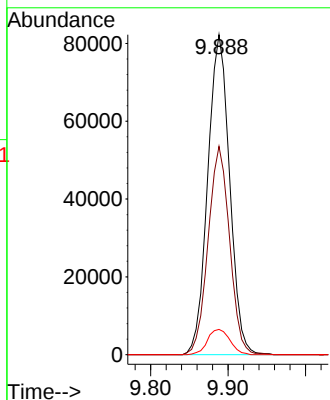
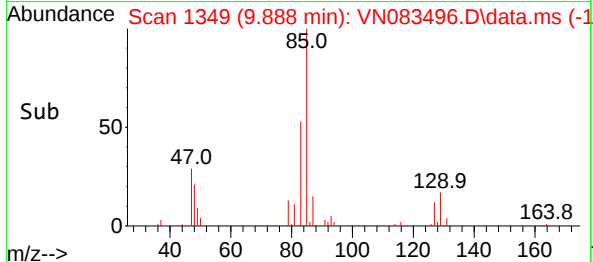
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



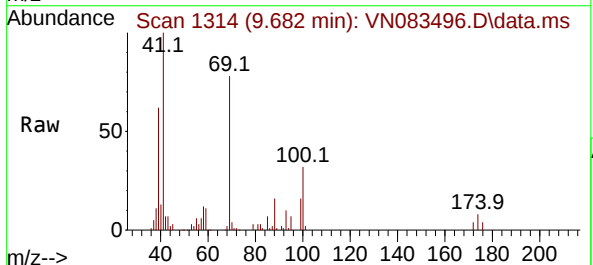
Tgt Ion: 83 Resp: 161362
Ion Ratio Lower Upper
83 100
85 65.1 51.1 76.7
127 7.9 7.2 10.8

Manual Integrations
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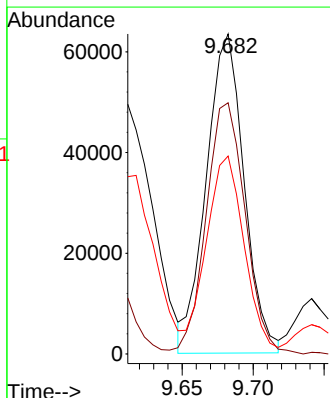
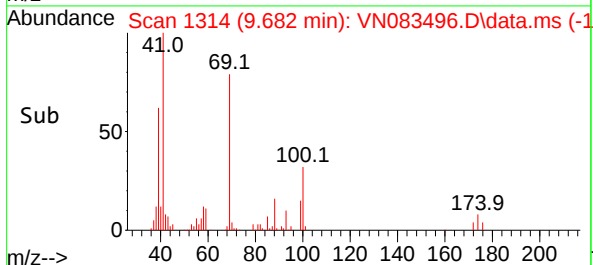
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024

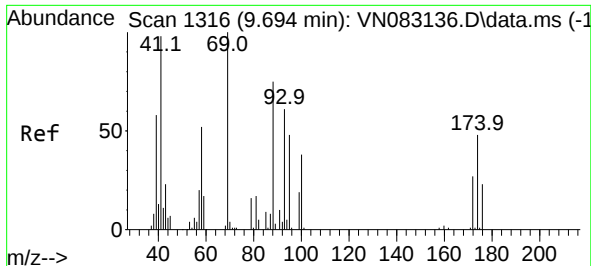


#48
Methyl methacrylate
Concen: 52.609 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05



Tgt Ion: 41 Resp: 117367
Ion Ratio Lower Upper
41 100
69 81.5 56.3 84.5
39 63.4 50.3 75.5





#49

1,4-Dioxane

Concen: 970.093 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

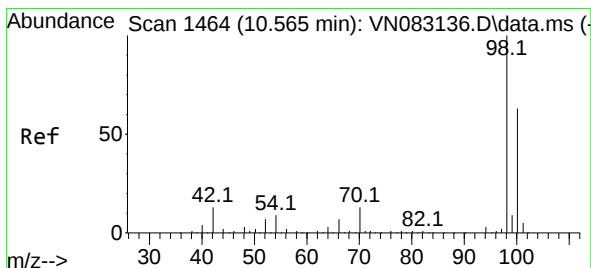
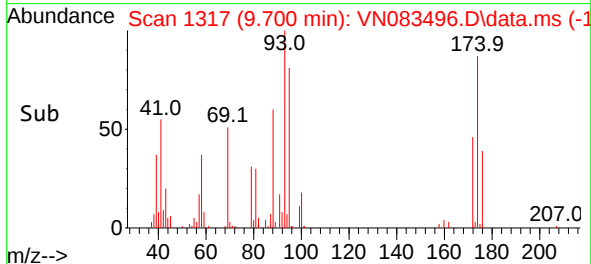
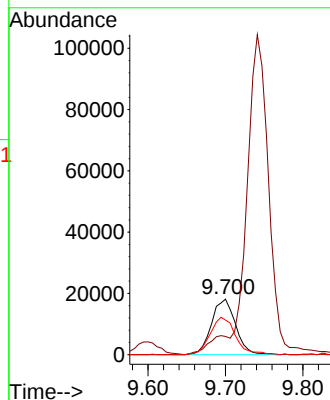
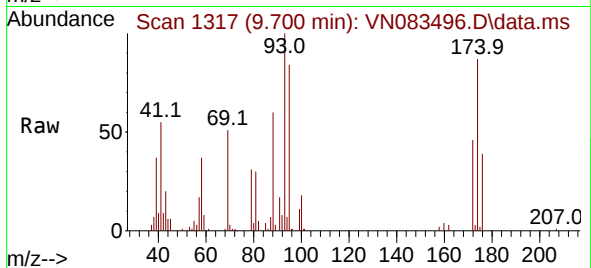
Tgt Ion: 88 Resp: 39045
 Ion Ratio Lower Upper
 88 100
 43 0.0 27.8 41.8
 58 71.4 59.4 89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/28/2024



#50

Toluene-d8

Concen: 57.557 ug/l

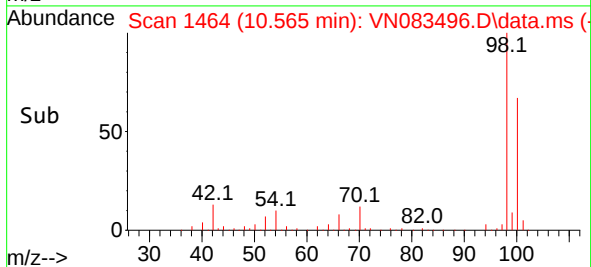
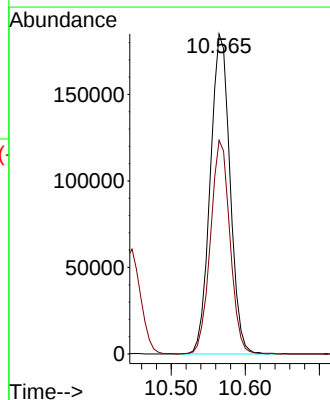
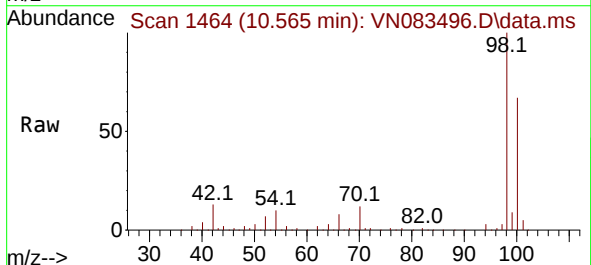
RT: 10.565 min Scan# 1464

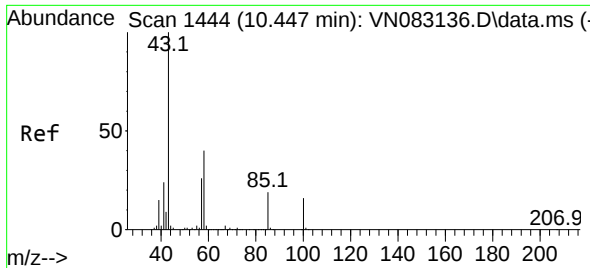
Delta R.T. -0.000 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

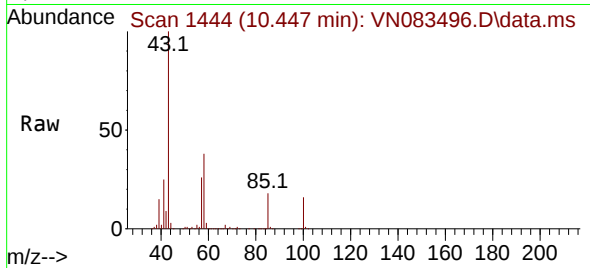
Tgt Ion: 98 Resp: 342064
 Ion Ratio Lower Upper
 98 100
 100 66.0 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 273.840 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

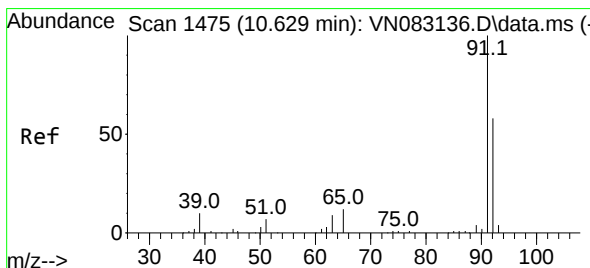
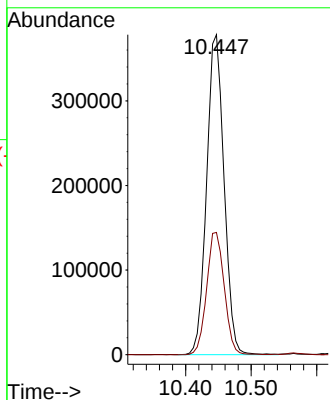
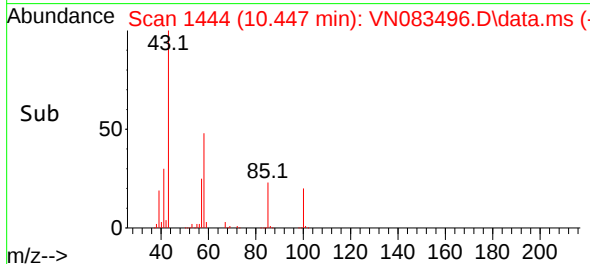
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 698780
Ion Ratio Lower Upper
43 100
58 38.6 28.2 42.4

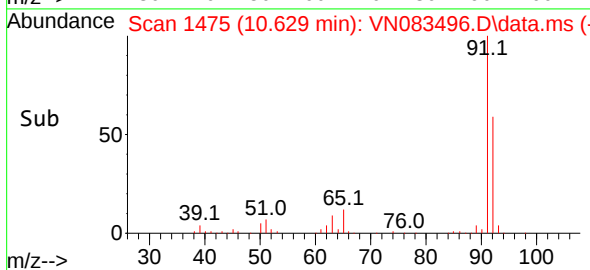
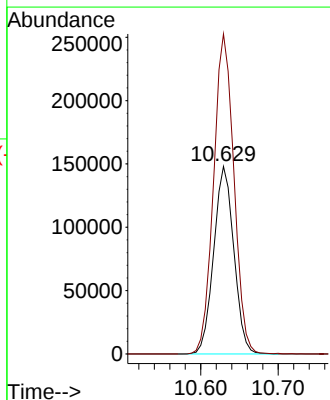
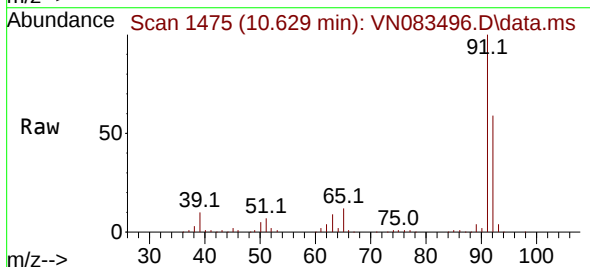
Manual Integrations
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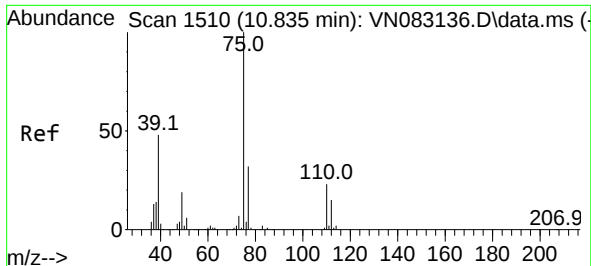
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024



#52
Toluene
Concen: 58.870 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

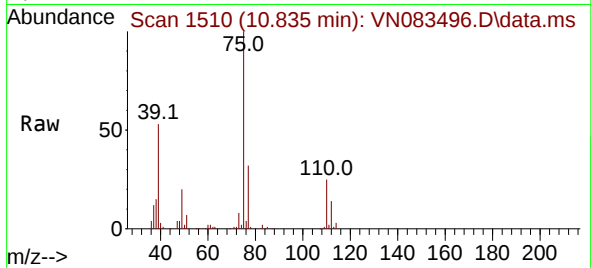
Tgt Ion: 92 Resp: 267057
Ion Ratio Lower Upper
92 100
91 172.5 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 57.726 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

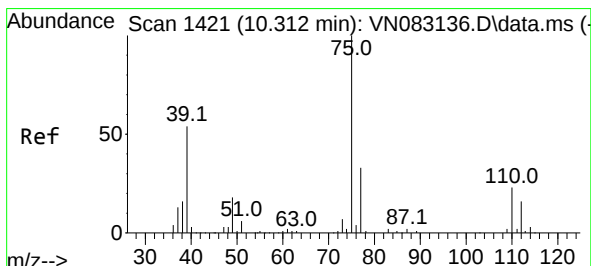
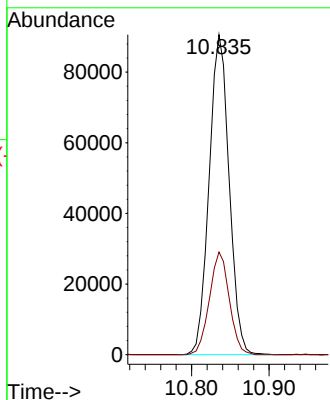
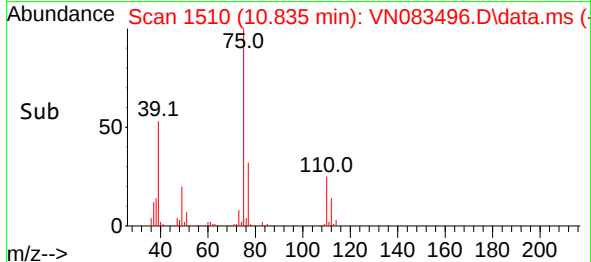
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 162415
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5

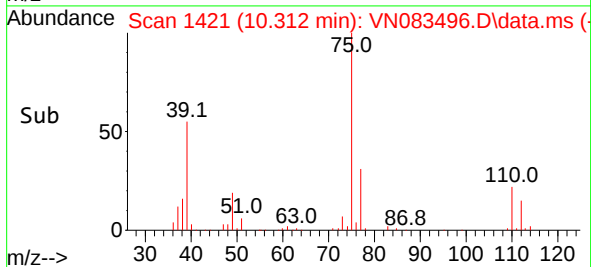
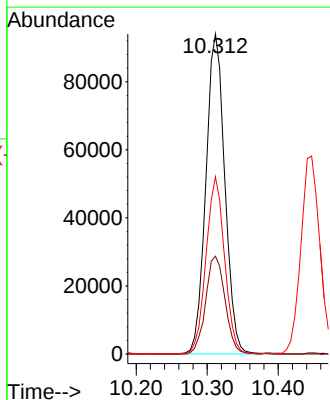
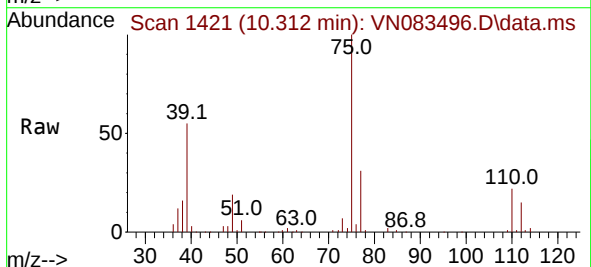
Manual Integrations
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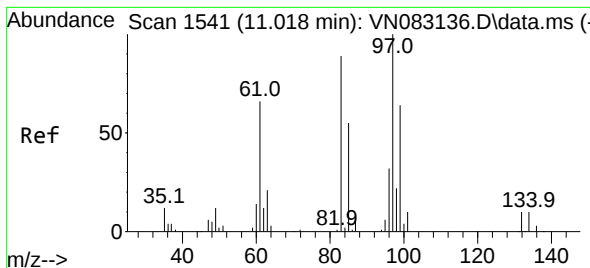
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024



#54
cis-1,3-Dichloropropene
Concen: 58.221 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

Tgt Ion: 75 Resp: 174231
Ion Ratio Lower Upper
75 100
77 30.6 24.3 36.5
39 55.4 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 61.013 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 99189

Ion Ratio Lower Upper

97 100

83 84.6 71.4 107.0

85 54.3 45.8 68.6

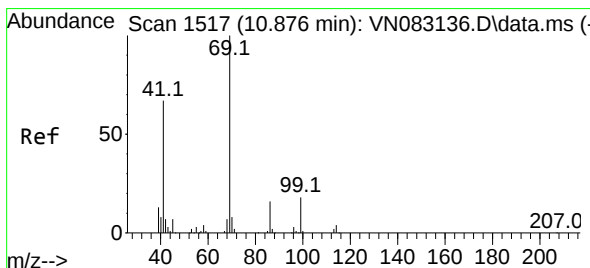
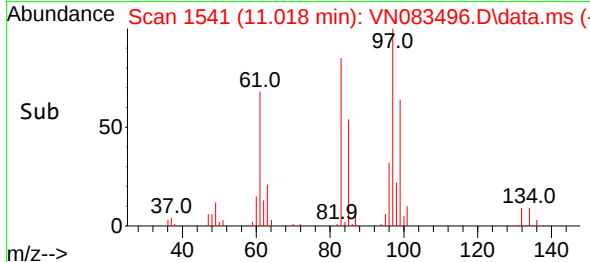
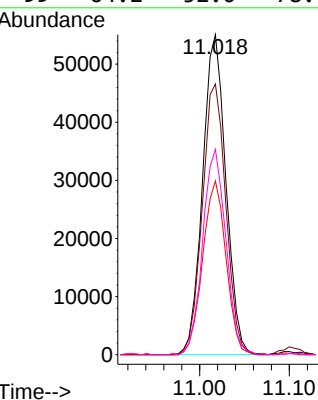
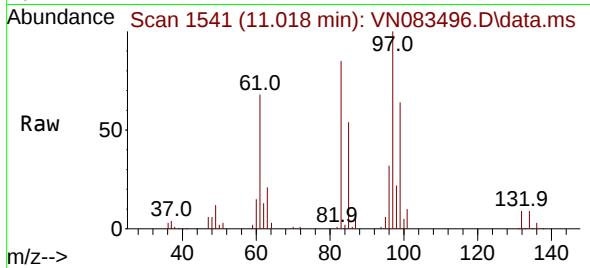
99 64.2 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/28/2024



#56

Ethyl methacrylate

Concen: 54.513 ug/l

RT: 10.870 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

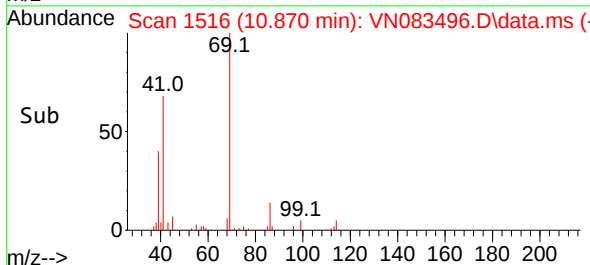
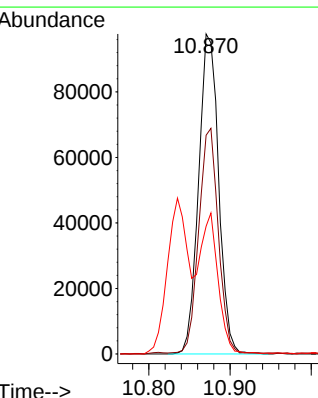
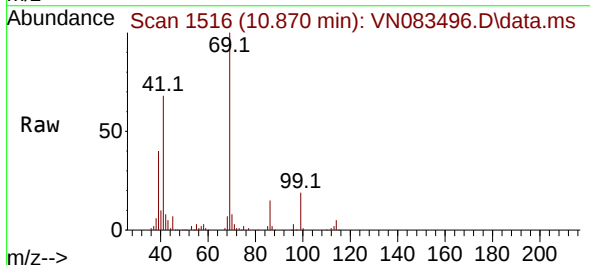
Tgt Ion: 69 Resp: 167069

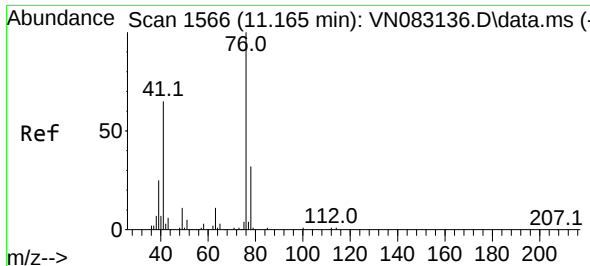
Ion Ratio Lower Upper

69 100

41 68.5 63.4 95.2

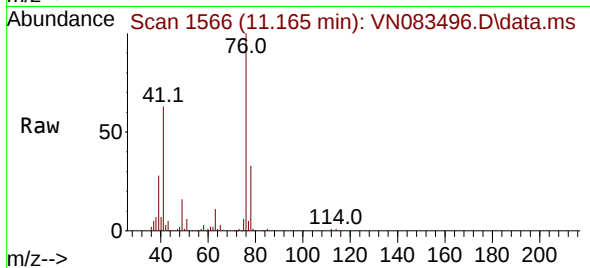
39 41.6 37.4 56.0





#57
1,3-Dichloropropane
Concen: 59.977 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

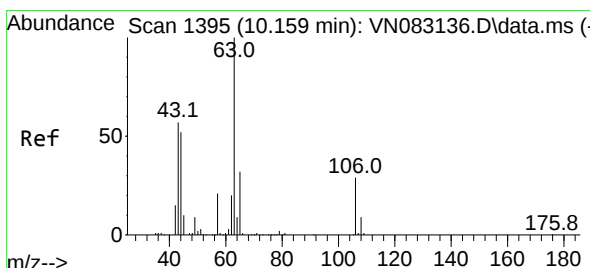
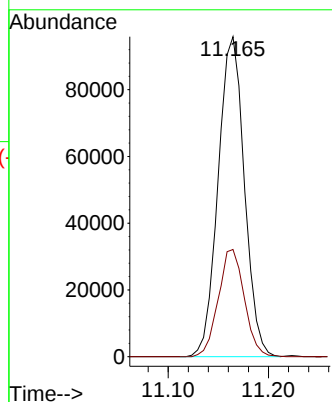
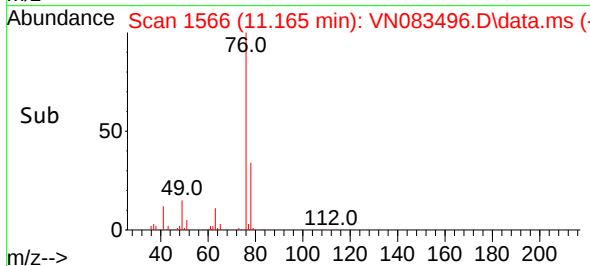
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 173794
Ion Ratio Lower Upper
76 100
78 33.2 25.6 38.4

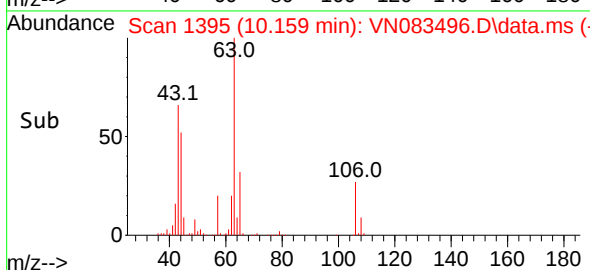
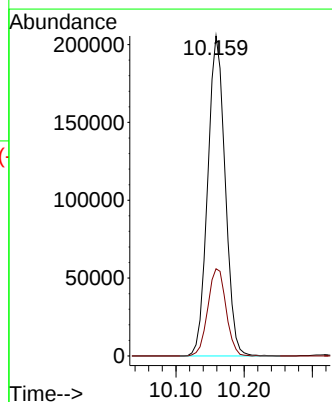
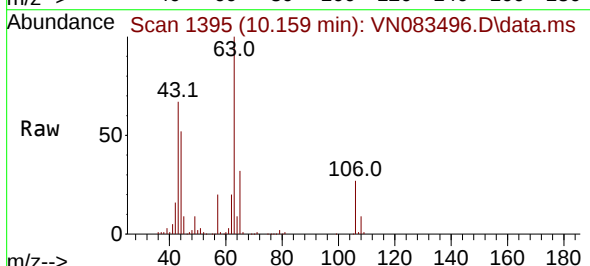
Manual Integrations
APPROVED

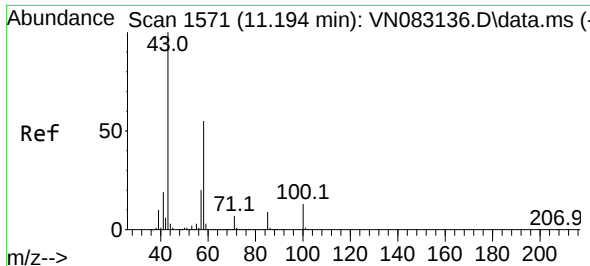
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024



#58
2-Chloroethyl Vinyl ether
Concen: 282.786 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

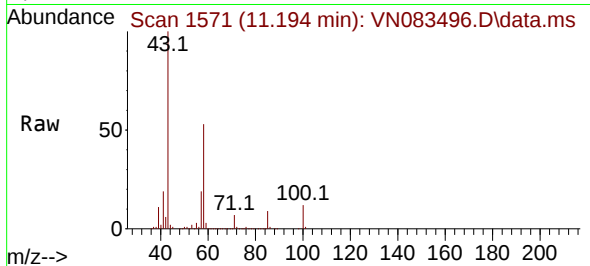
Tgt Ion: 63 Resp: 366342
Ion Ratio Lower Upper
63 100
106 28.4 21.4 32.0





#59
2-Hexanone
Concen: 261.813 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

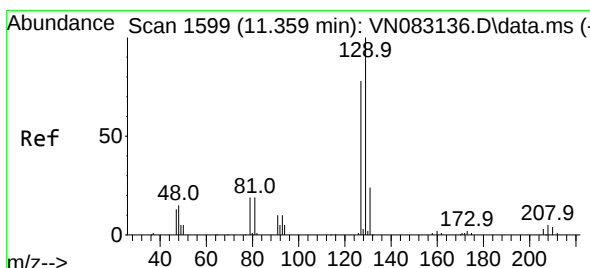
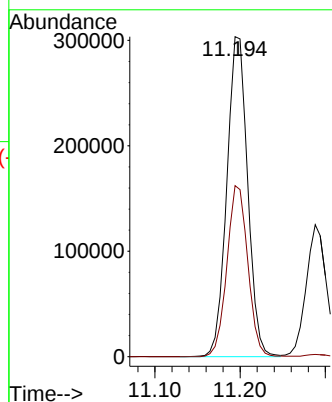
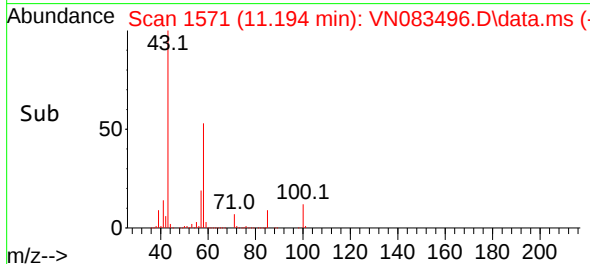
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



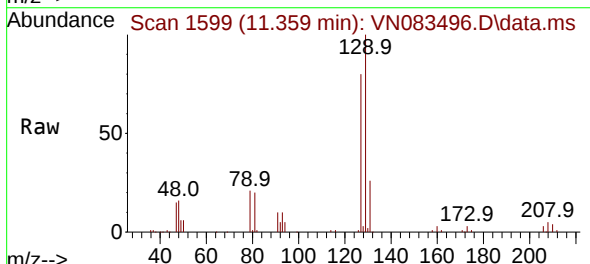
Tgt Ion: 43 Resp: 516860
Ion Ratio Lower Upper
43 100
58 53.6 24.6 73.8

Manual Integrations
APPROVED

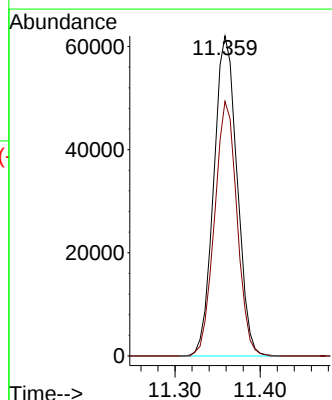
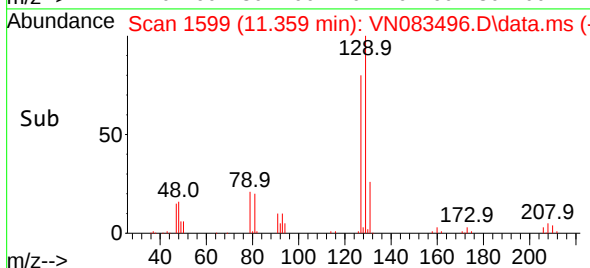
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024

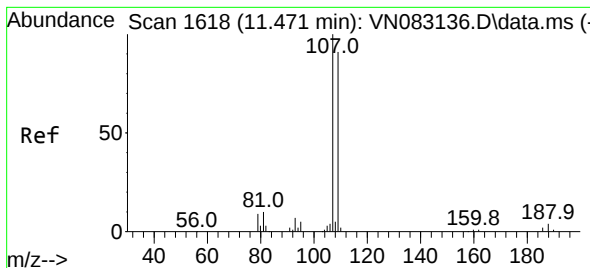


#60
Dibromochloromethane
Concen: 59.860 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05



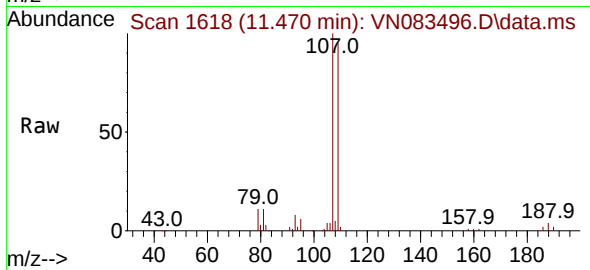
Tgt Ion:129 Resp: 117658
Ion Ratio Lower Upper
129 100
127 76.8 39.2 117.6





#61
1,2-Dibromoethane
Concen: 58.110 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

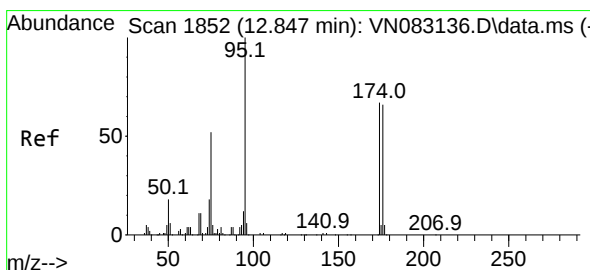
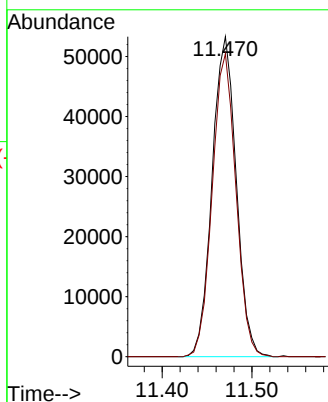
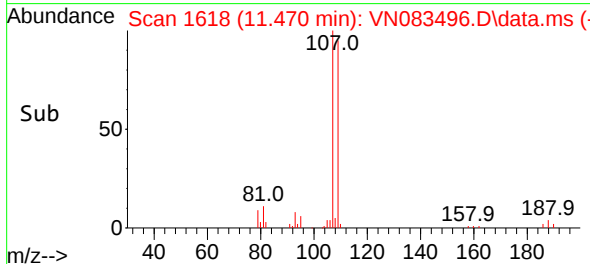
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



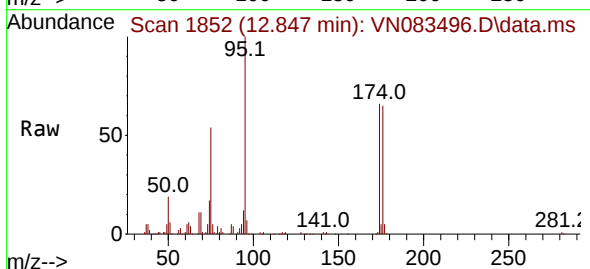
Tgt Ion:107 Resp: 99240
Ion Ratio Lower Upper
107 100
109 93.0 73.7 110.5

Manual Integrations
APPROVED

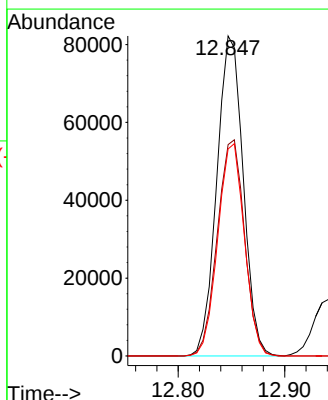
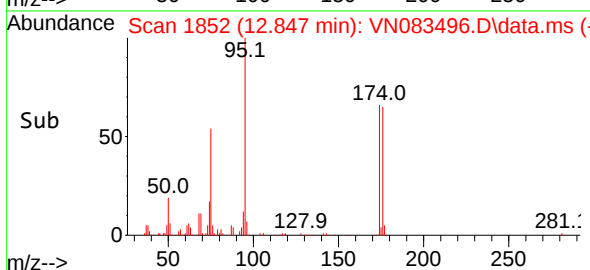
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024

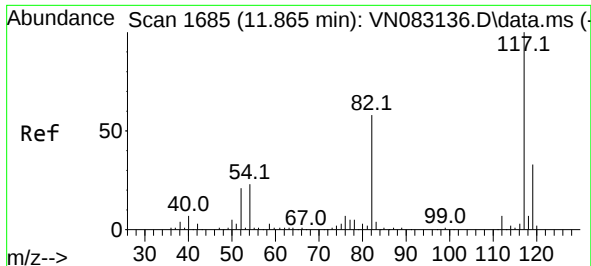


#62
4-Bromofluorobenzene
Concen: 60.974 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05



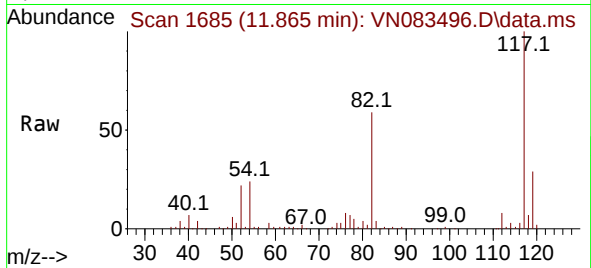
Tgt Ion: 95 Resp: 141273
Ion Ratio Lower Upper
95 100
174 69.8 0.0 159.2
176 66.9 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

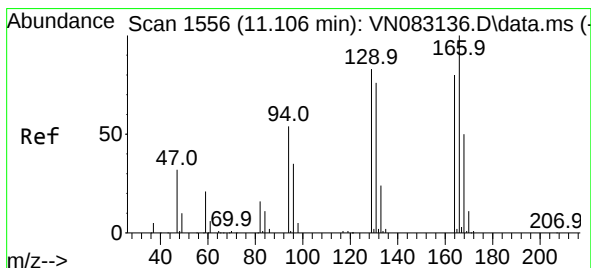
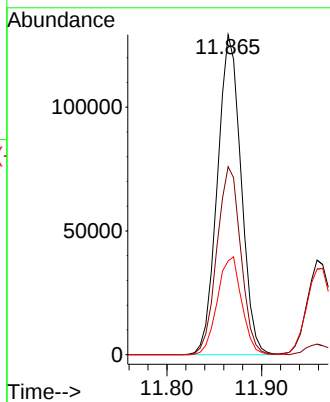
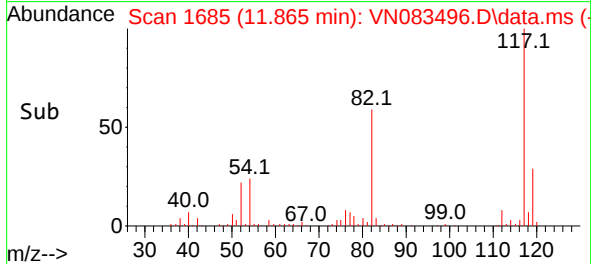
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 224608
Ion Ratio Lower Upper
117 100
82 58.7 47.5 71.3
119 29.3 25.6 38.4

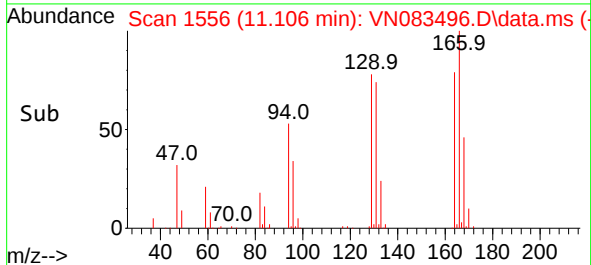
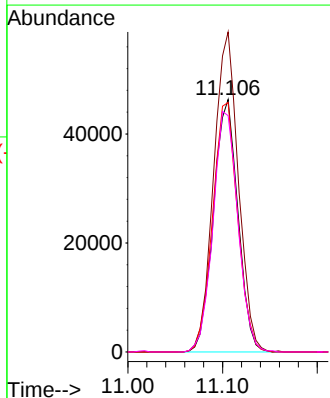
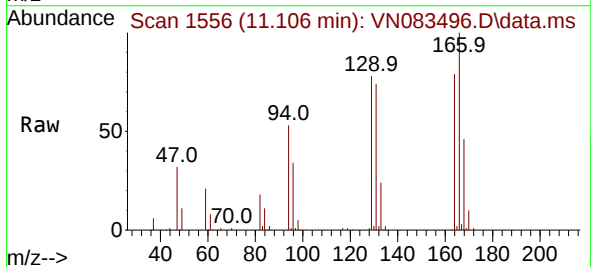
Manual Integrations
APPROVED

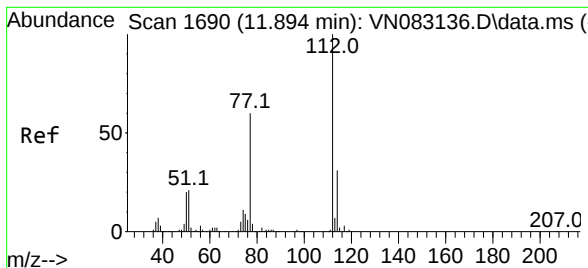
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024



#64
Tetrachloroethene
Concen: 55.786 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

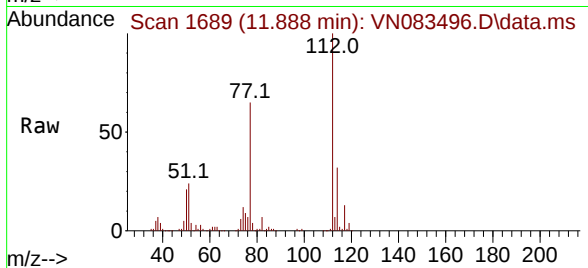
Tgt Ion:164 Resp: 82983
Ion Ratio Lower Upper
164 100
166 126.8 101.4 152.0
129 98.8 75.7 113.5
131 93.6 73.8 110.6





#65
Chlorobenzene
Concen: 55.980 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

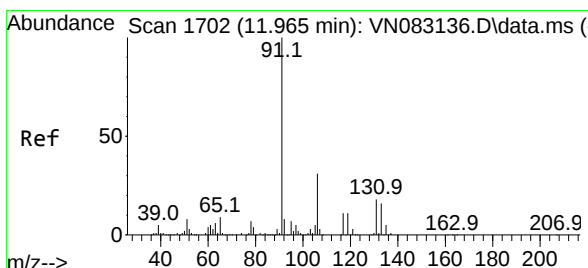
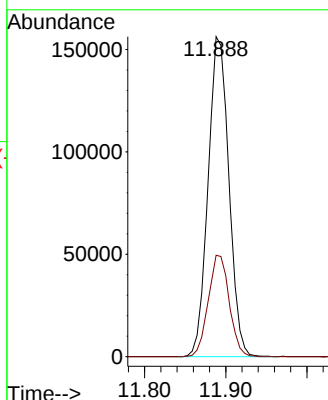
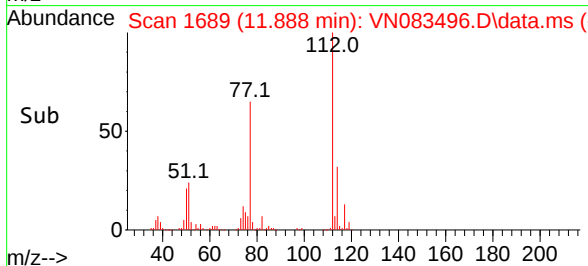
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



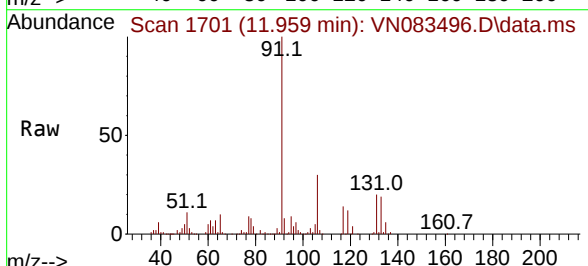
Tgt Ion:112 Resp: 277862
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.2

Manual Integrations
APPROVED

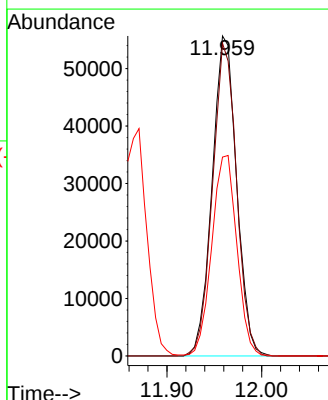
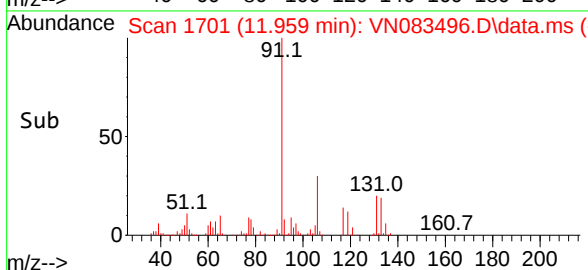
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 57.071 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05



Tgt Ion:131 Resp: 99907
Ion Ratio Lower Upper
131 100
133 95.9 47.3 142.0
119 64.2 32.5 97.4





#67

Ethyl Benzene

Concen: 56.814 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 517319

Ion Ratio Lower Upper

91 100

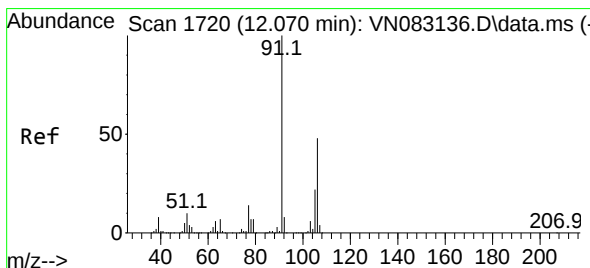
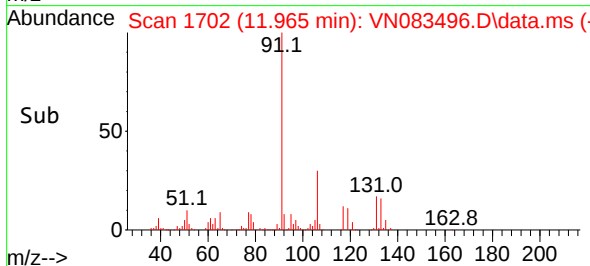
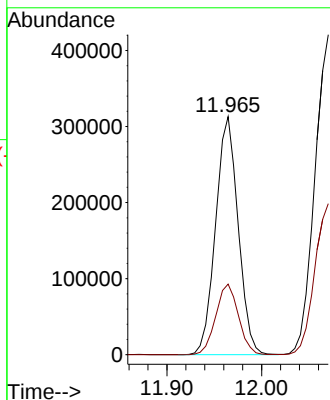
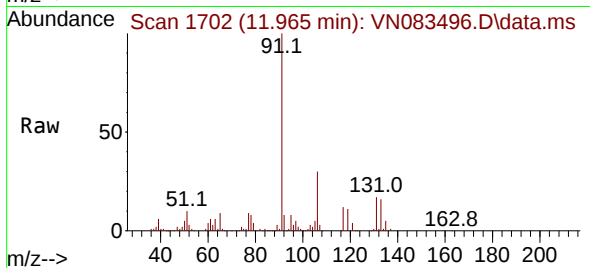
106 29.7 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/28/2024



#68

m/p-Xylenes

Concen: 114.182 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN083496.D

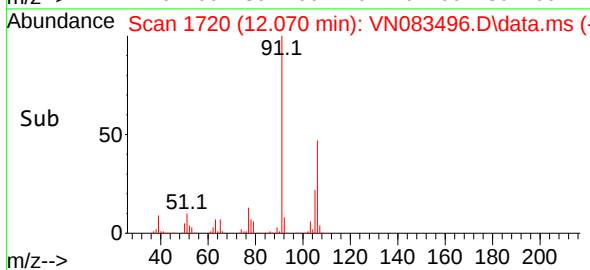
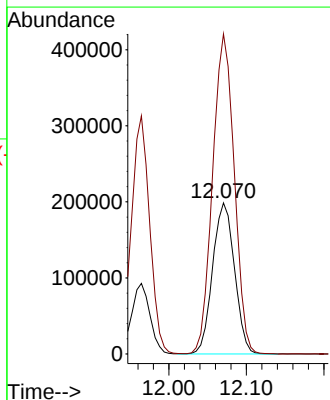
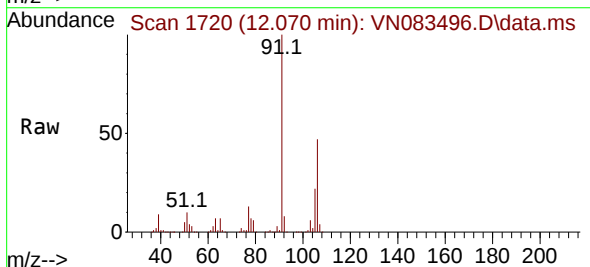
Acq: 27 Aug 2024 09:05

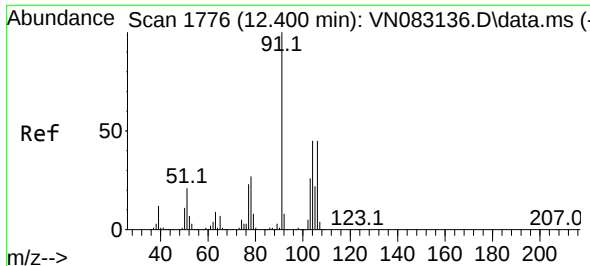
Tgt Ion:106 Resp: 389457

Ion Ratio Lower Upper

106 100

91 209.6 166.1 249.1





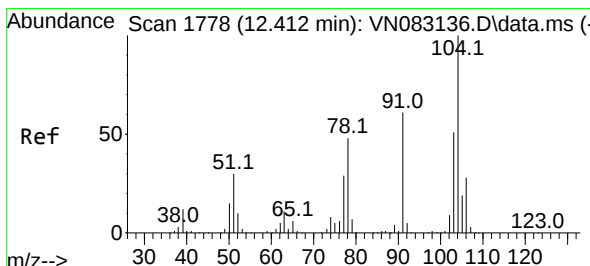
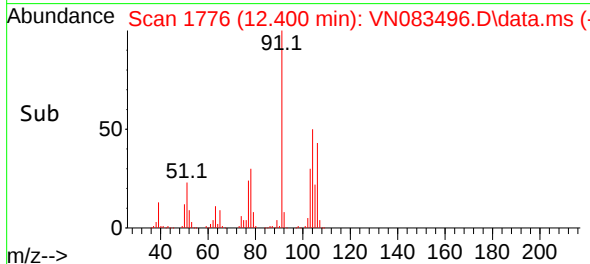
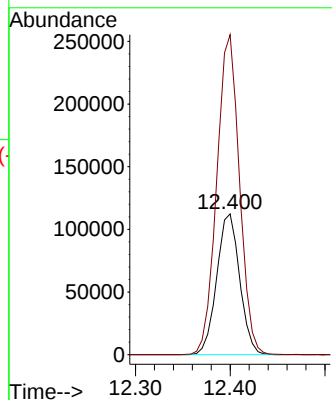
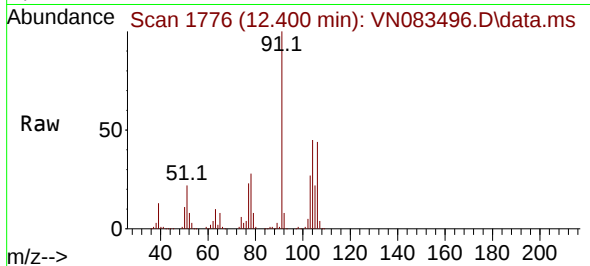
#69
o-Xylene
Concen: 56.158 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 188918
Ion Ratio Lower Upper
106 100
91 225.4 111.3 333.9

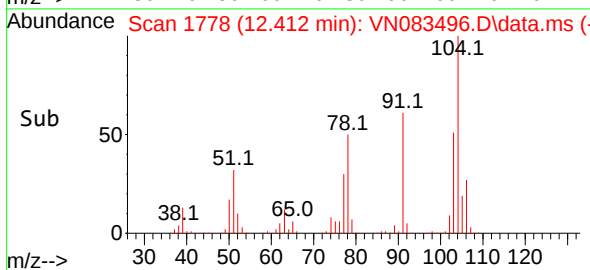
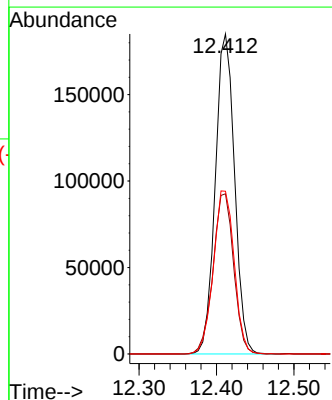
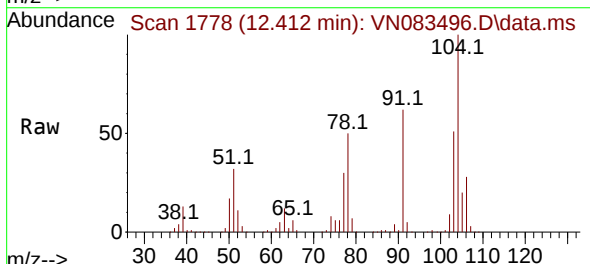
Manual Integrations
APPROVED

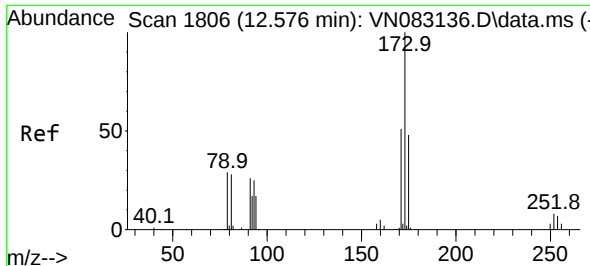
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024



#70
Styrene
Concen: 56.650 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

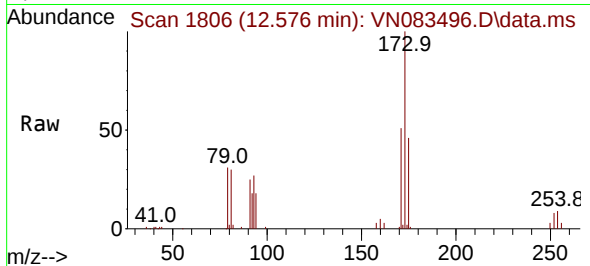
Tgt Ion:104 Resp: 320072
Ion Ratio Lower Upper
104 100
78 53.7 41.6 62.4
103 55.1 44.0 66.0





#71
Bromoform
Concen: 56.568 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

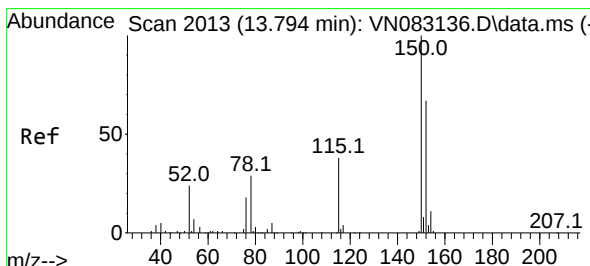
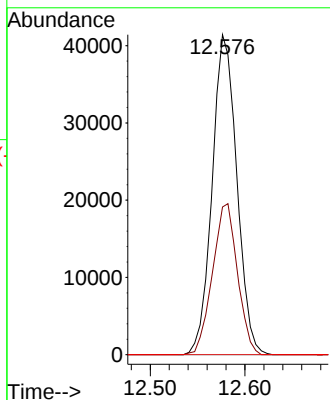
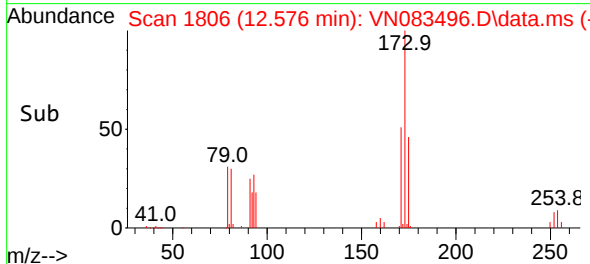
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



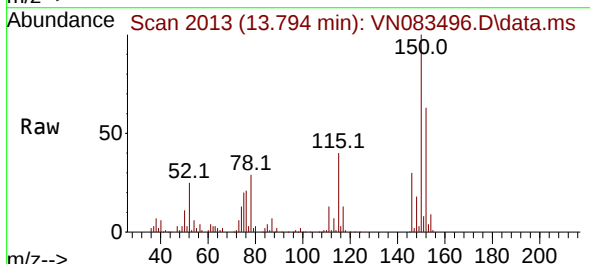
Tgt Ion:173 Resp: 75019
Ion Ratio Lower Upper
173 100
175 47.7 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
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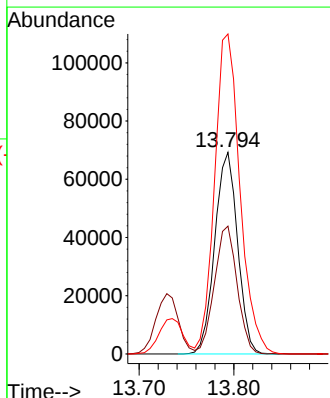
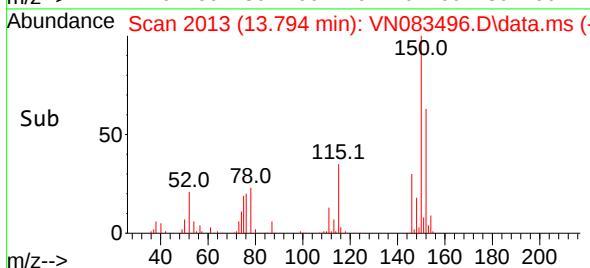
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024

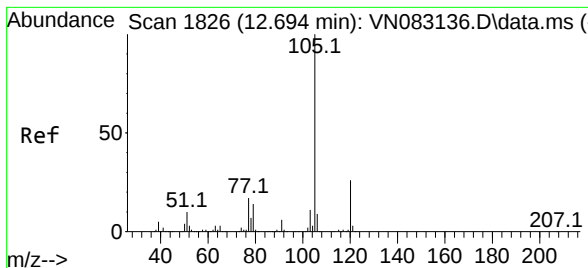


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05



Tgt Ion:152 Resp: 115875
Ion Ratio Lower Upper
152 100
115 63.2 30.6 91.6
150 176.4 0.0 348.6





#73

Isopropylbenzene

Concen: 51.295 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 497150

Ion Ratio Lower Upper

105 100

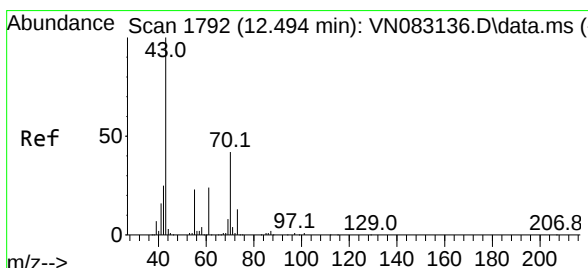
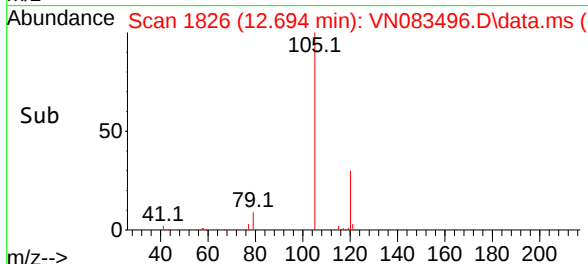
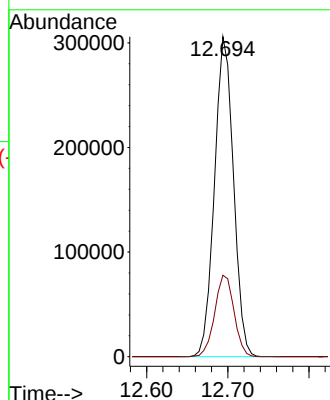
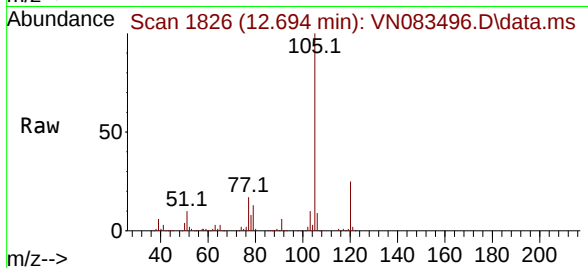
120 25.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/28/2024



#74

N-ethyl acetate

Concen: 46.620 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

Tgt Ion: 43 Resp: 221017

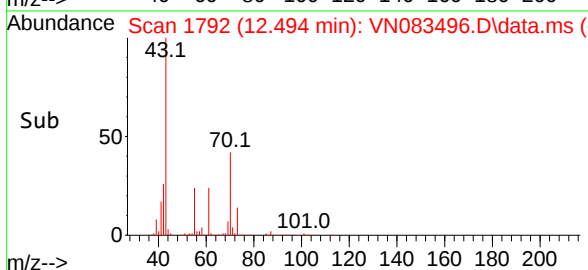
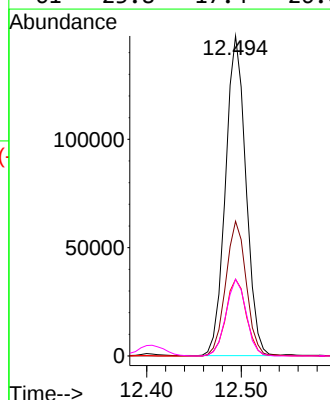
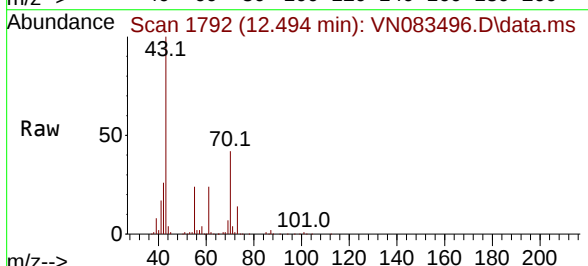
Ion Ratio Lower Upper

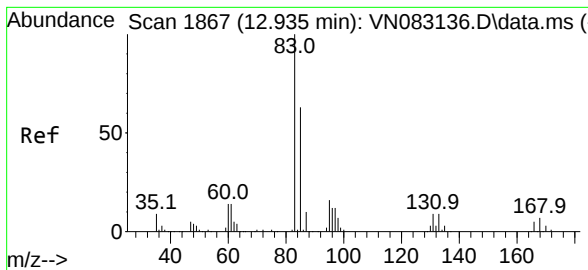
43 100

70 42.6 29.8 44.6

55 24.2 18.7 28.1

61 23.8 17.4 26.0





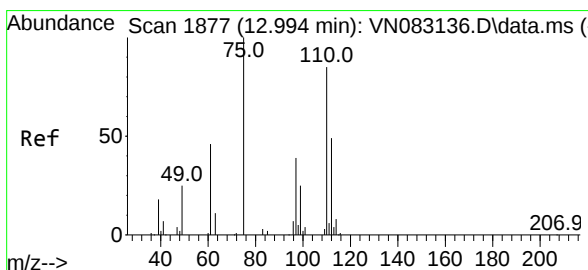
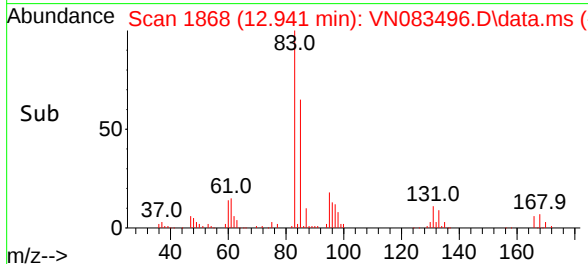
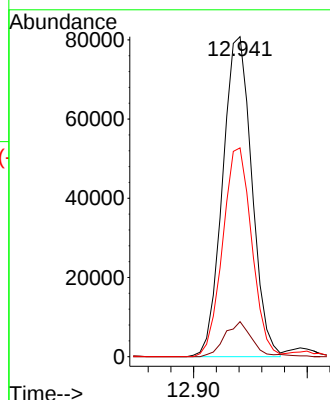
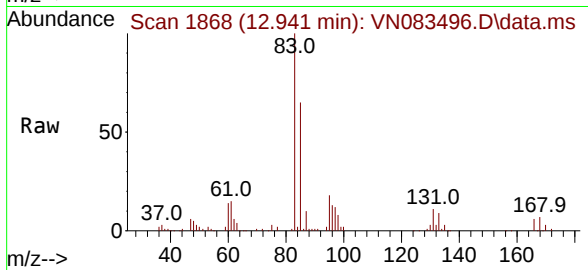
#75
1,1,2,2-Tetrachloroethane
Concen: 52.693 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 144444
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 65.1 31.9 95.7

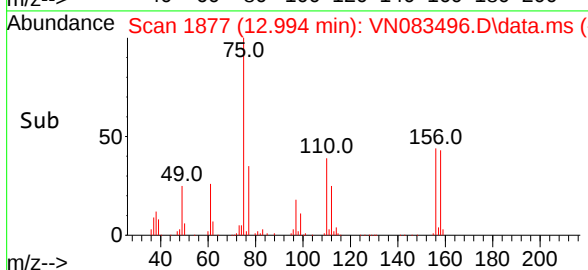
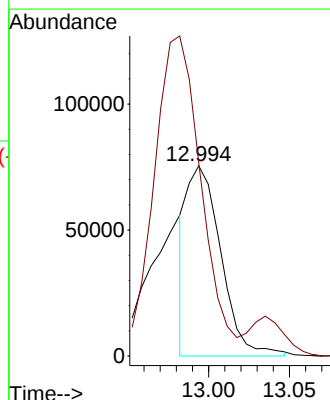
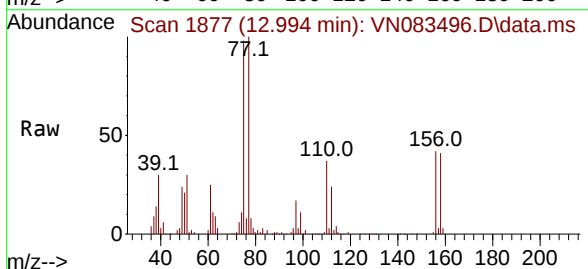
Manual Integrations
APPROVED

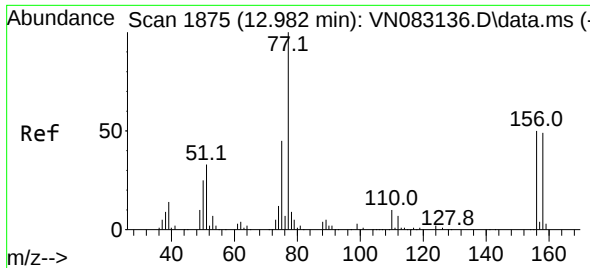
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024



#76
1,2,3-Trichloropropane
Concen: 43.395 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

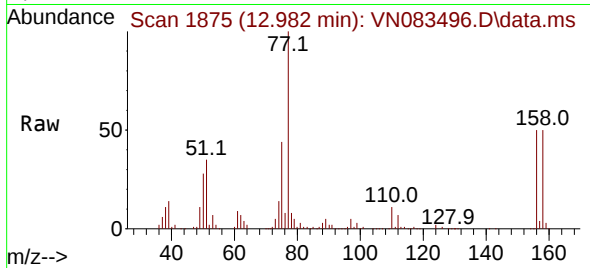
Tgt Ion: 75 Resp: 110361
Ion Ratio Lower Upper
75 100
77 233.2 110.9 332.6





#77
Bromobenzene
Concen: 50.877 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

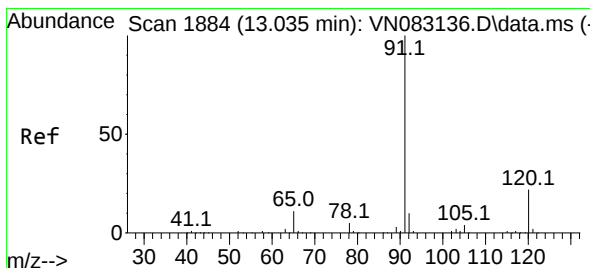
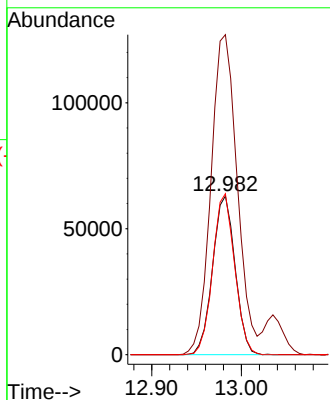
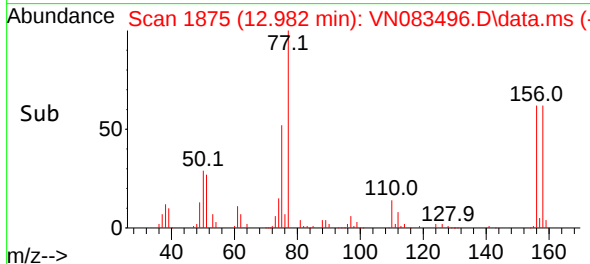
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



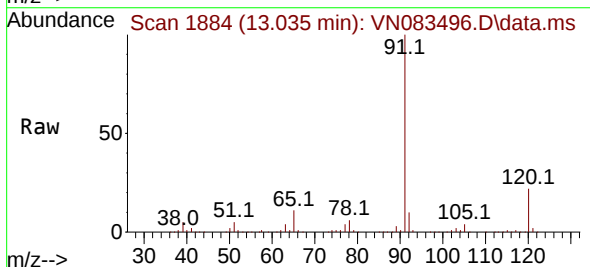
Tgt Ion:156 Resp: 109538
Ion Ratio Lower Upper
156 100
77 234.9 111.3 333.8
158 99.3 48.3 144.9

Manual Integrations
APPROVED

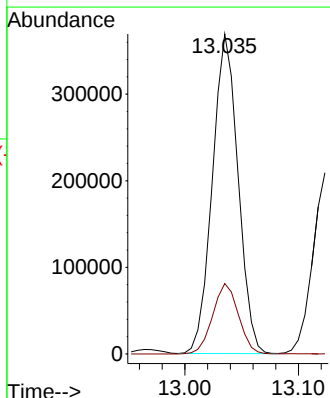
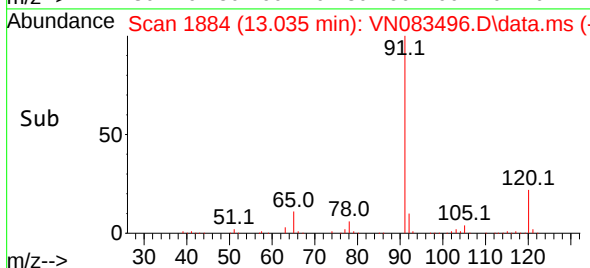
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024

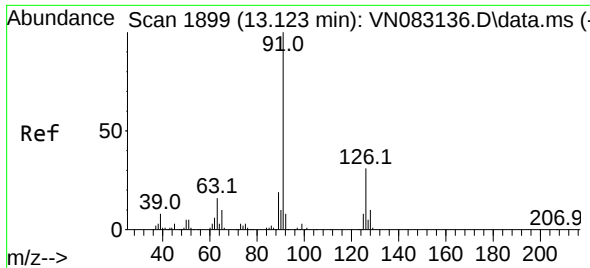


#78
n-propylbenzene
Concen: 51.921 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05



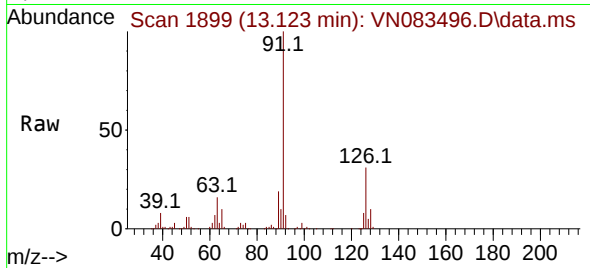
Tgt Ion: 91 Resp: 579451
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.9





#79
2-Chlorotoluene
Concen: 51.703 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

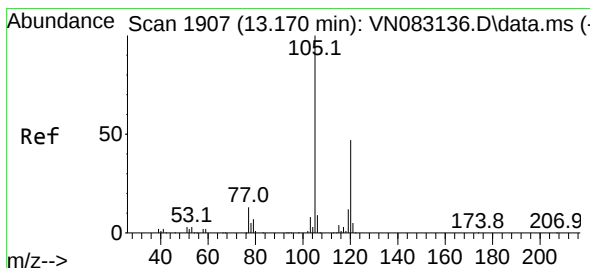
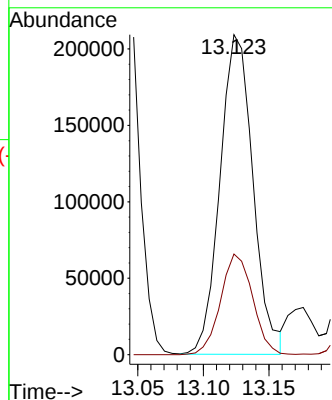
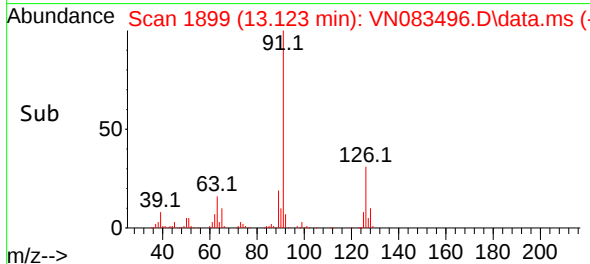
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



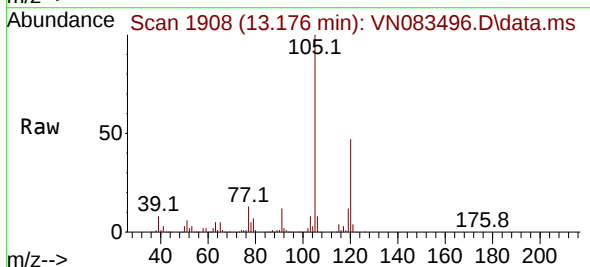
Tgt Ion: 91 Resp: 365827
Ion Ratio Lower Upper
91 100
126 30.6 16.2 48.6

Manual Integrations
APPROVED

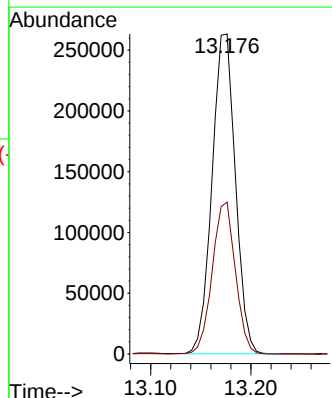
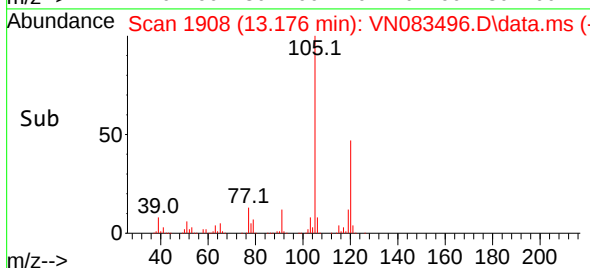
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024

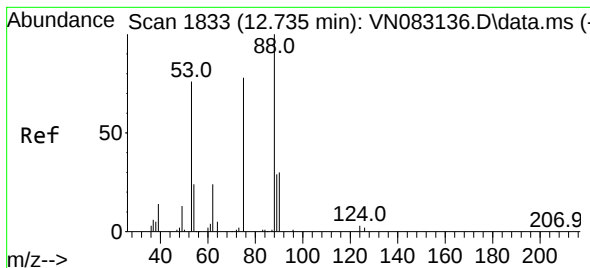


#80
1,3,5-Trimethylbenzene
Concen: 52.556 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05



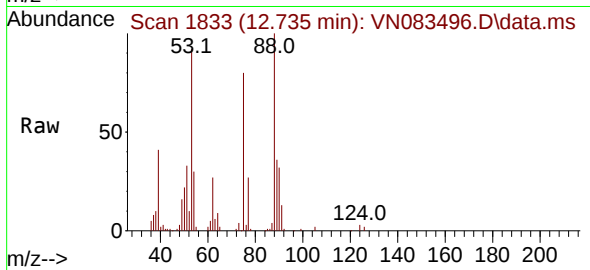
Tgt Ion:105 Resp: 426453
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 50.398 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

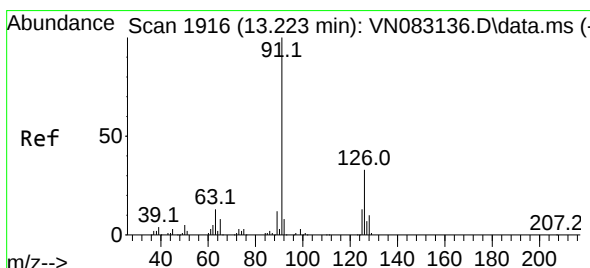
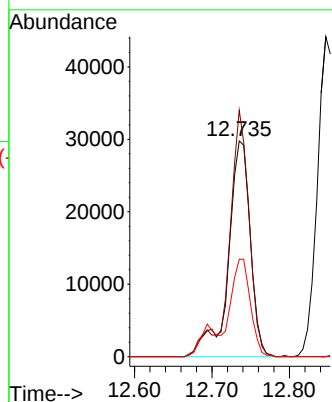
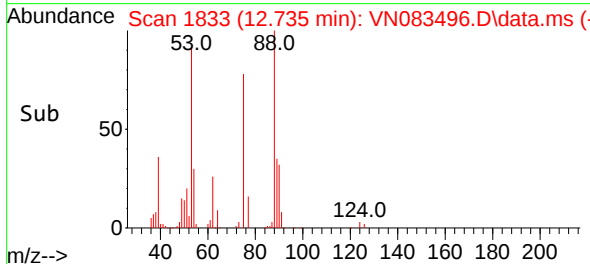
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 5892
Ion Ratio Lower Upper
75 100
53 96.7 88.4 132.6
89 39.8 36.3 54.5

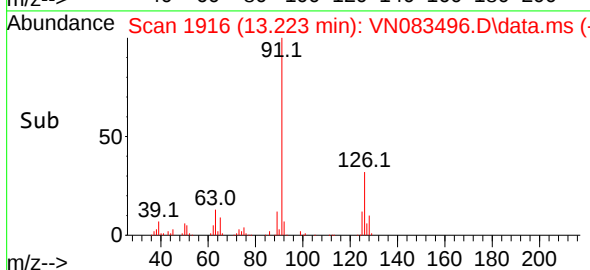
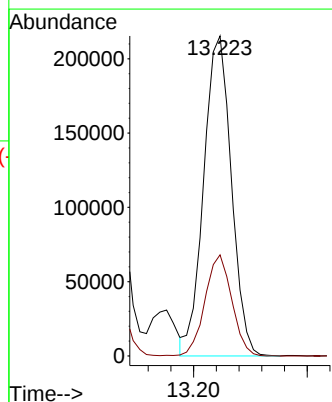
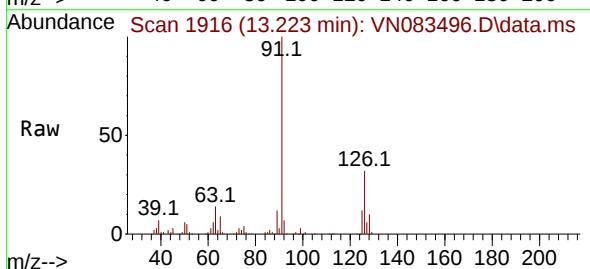
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024



#82
4-Chlorotoluene
Concen: 51.283 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

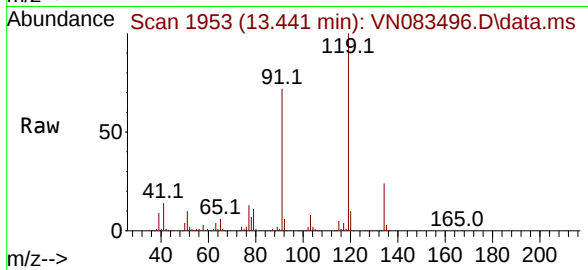
Tgt Ion: 91 Resp: 363966
Ion Ratio Lower Upper
91 100
126 30.7 16.2 48.6





#83
tert-Butylbenzene
Concen: 51.735 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

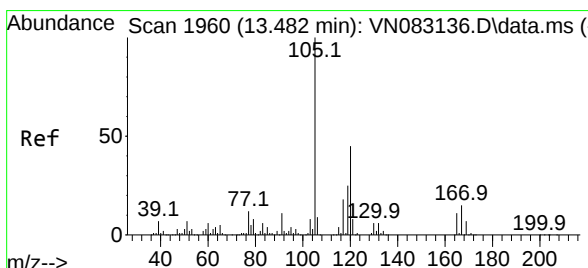
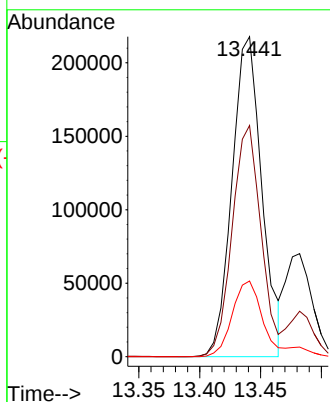
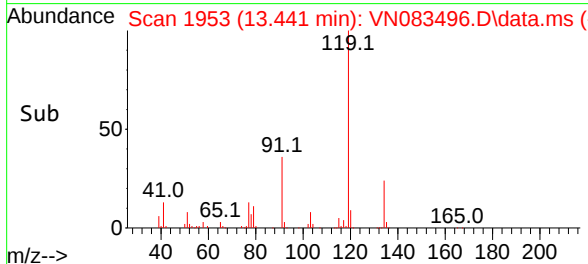
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



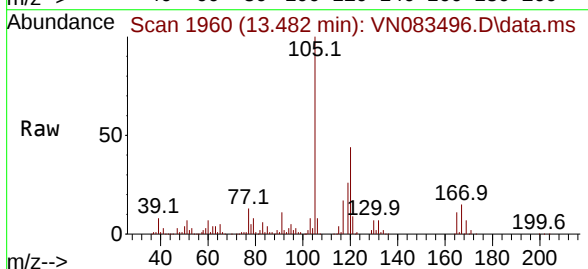
Tgt Ion:119 Resp: 371760
Ion Ratio Lower Upper
119 100
91 69.7 35.0 105.1
134 23.8 13.3 39.8

Manual Integrations
APPROVED

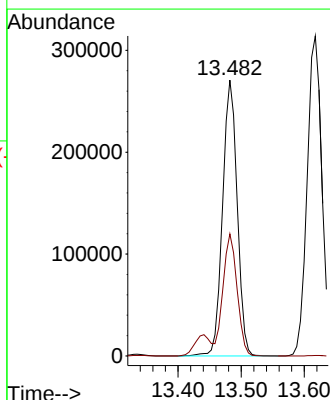
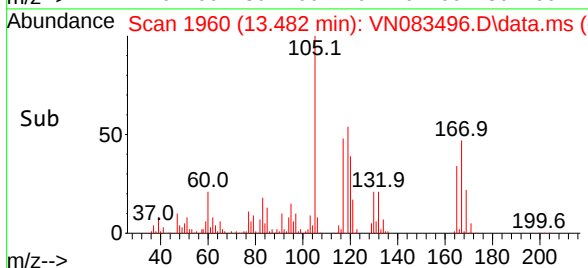
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024

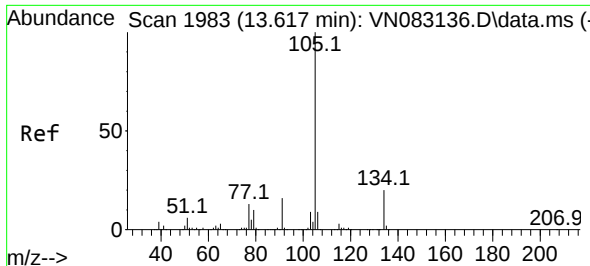


#84
1,2,4-Trimethylbenzene
Concen: 53.148 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05



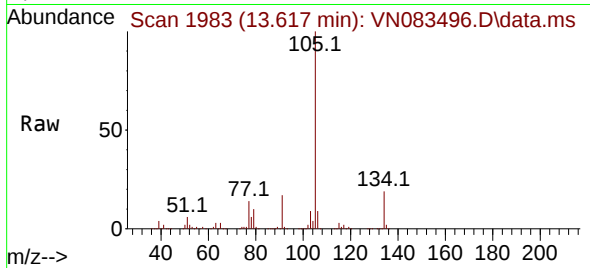
Tgt Ion:105 Resp: 434612
Ion Ratio Lower Upper
105 100
120 42.3 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 51.880 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083496.D
 Acq: 27 Aug 2024 09:05

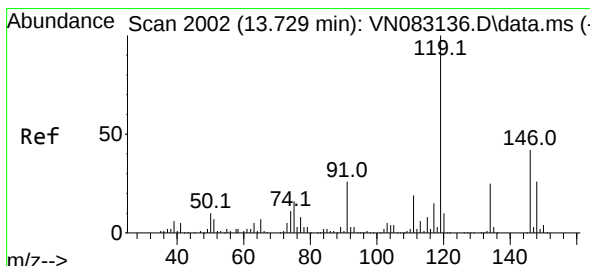
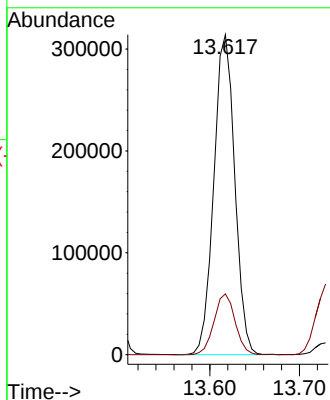
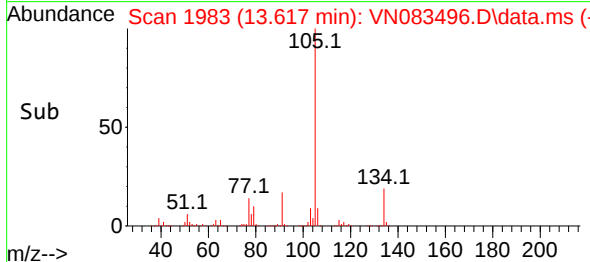
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



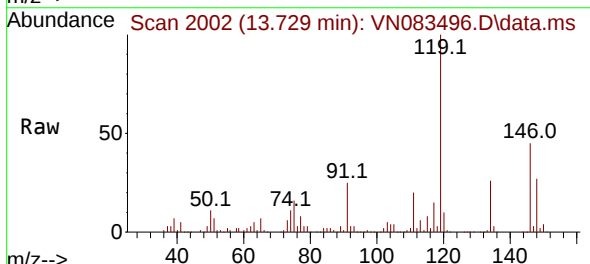
Tgt Ion:105 Resp: 508690
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

Manual Integrations
 APPROVED

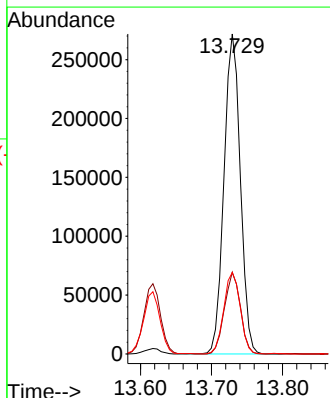
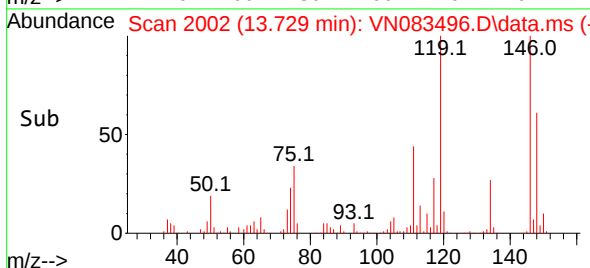
Reviewed By :John Carlone 08/28/2024
 Supervised By :Mahesh Dadoda 08/28/2024

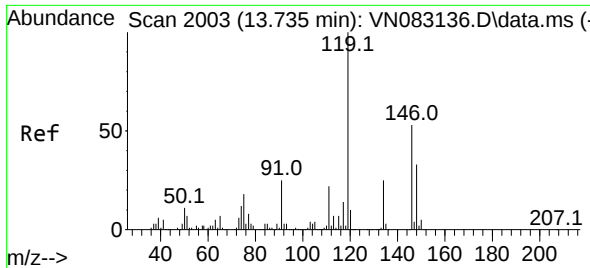


#86
 p-Isopropyltoluene
 Concen: 53.549 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083496.D
 Acq: 27 Aug 2024 09:05



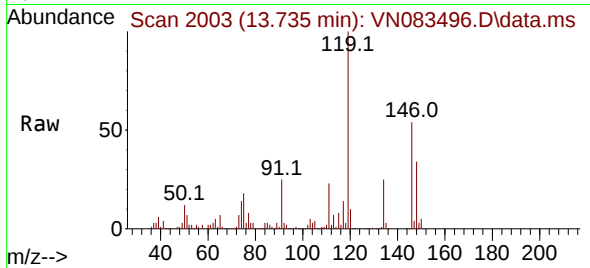
Tgt Ion:119 Resp: 433534
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.0 39.0
 91 25.7 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 52.951 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

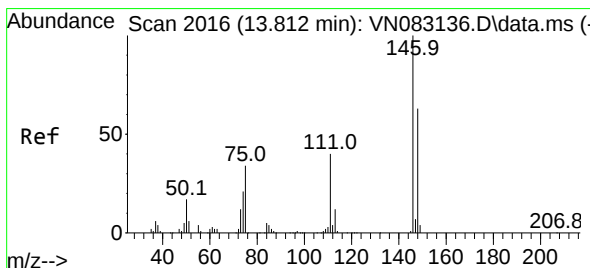
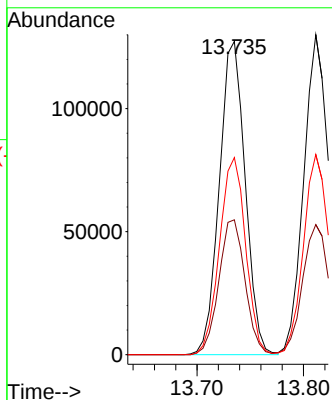
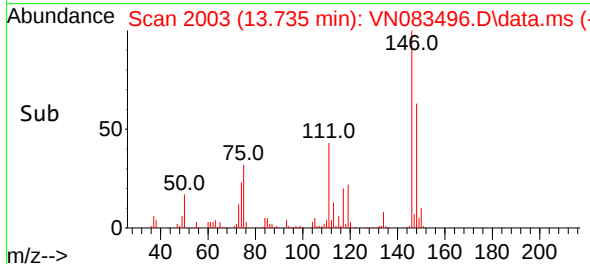
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



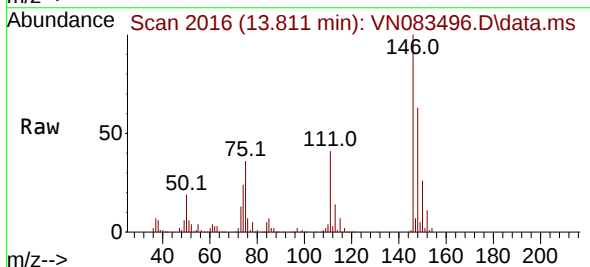
Tgt Ion:146 Resp: 21451
Ion Ratio Lower Upper
146 100
111 43.6 20.6 61.9
148 63.6 31.8 95.3

Manual Integrations
APPROVED

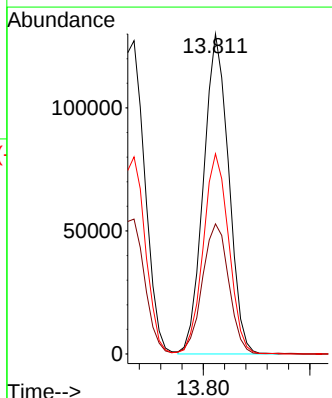
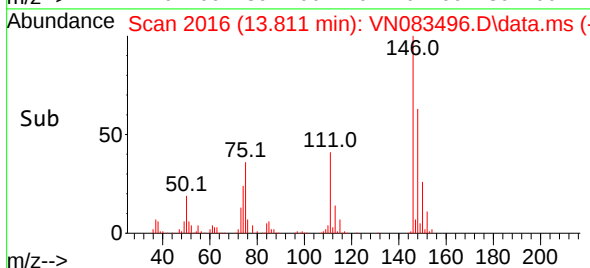
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024

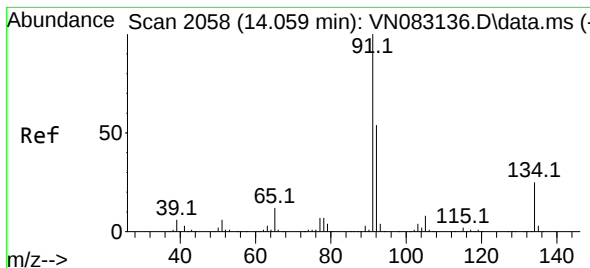


#88
1,4-Dichlorobenzene
Concen: 52.153 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05



Tgt Ion:146 Resp: 213006
Ion Ratio Lower Upper
146 100
111 42.5 20.1 60.3
148 63.6 32.2 96.6





#89

n-Butylbenzene

Concen: 52.633 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 369224

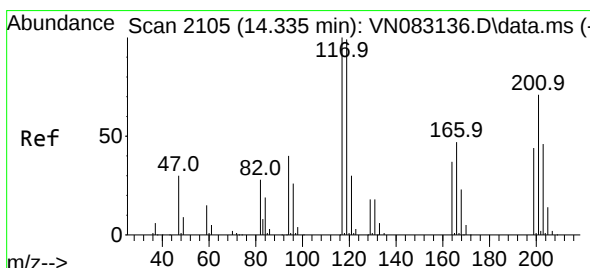
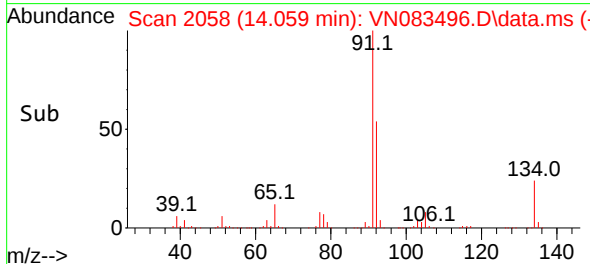
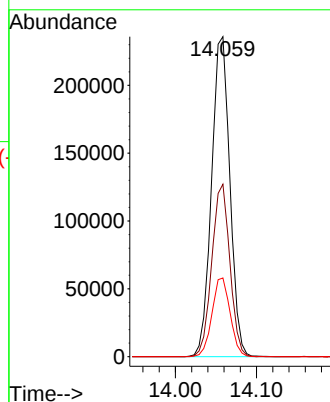
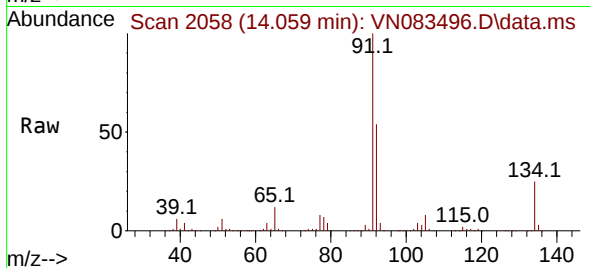
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.1	78.3
134	24.4	12.1	36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/28/2024



#90

Hexachloroethane

Concen: 52.921 ug/l

RT: 14.335 min Scan# 2105

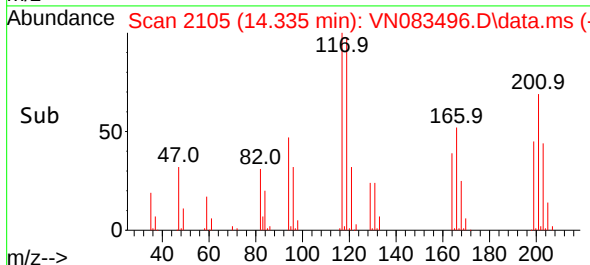
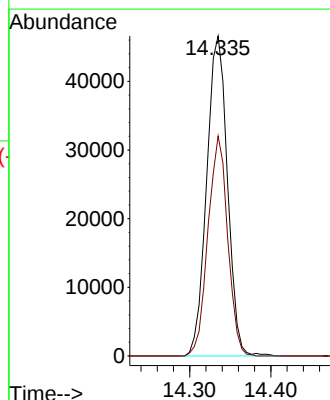
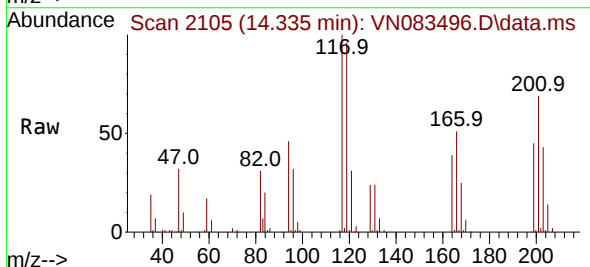
Delta R.T. -0.000 min

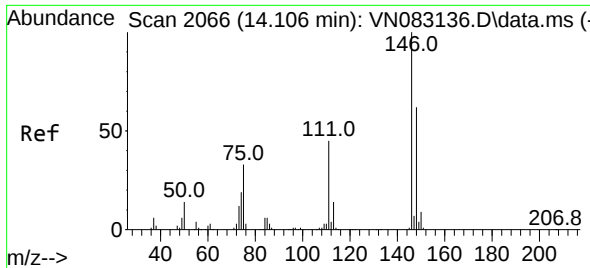
Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

Tgt Ion:117 Resp: 82775

Ion	Ratio	Lower	Upper
117	100		
201	65.2	35.8	107.3





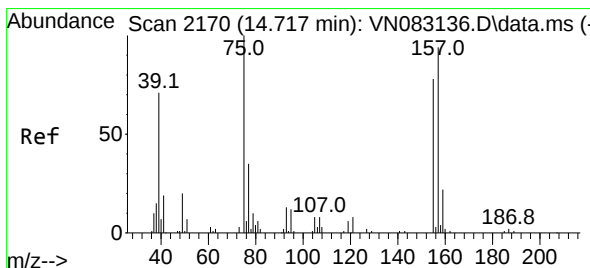
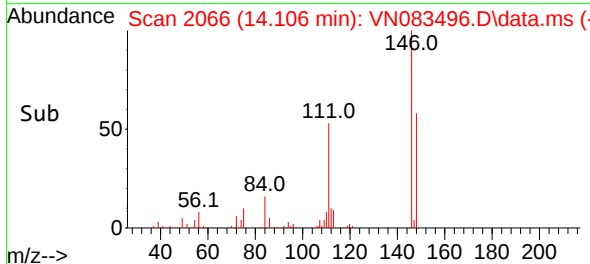
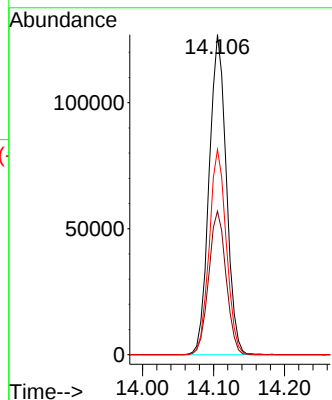
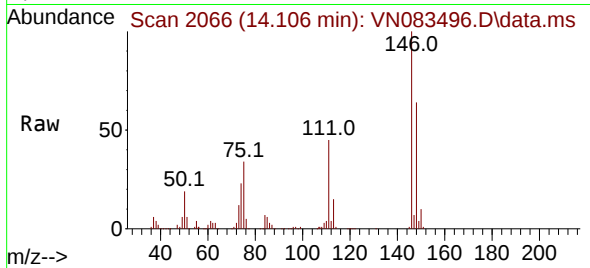
#91
1,2-Dichlorobenzene
Concen: 54.473 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 213552
Ion Ratio Lower Upper
146 100
111 45.2 21.4 64.2
148 63.6 32.1 96.5

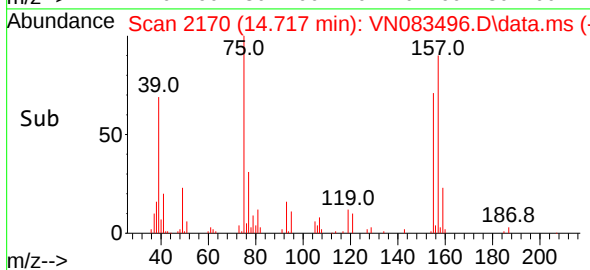
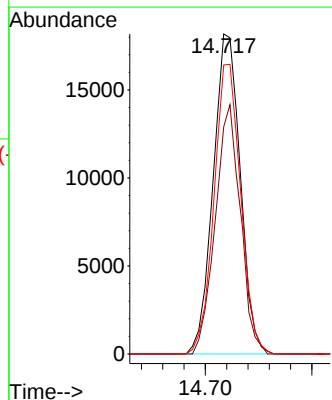
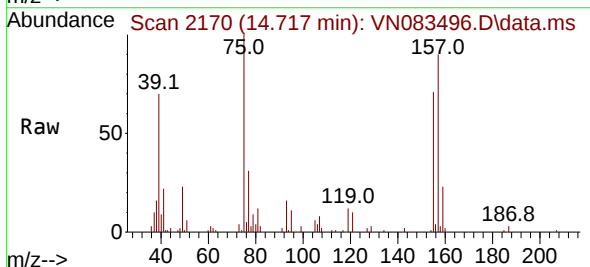
Manual Integrations
APPROVED

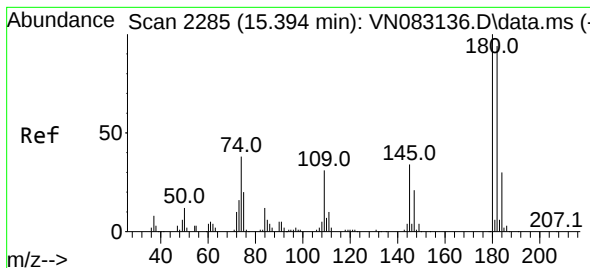
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.179 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

Tgt Ion: 75 Resp: 32048
Ion Ratio Lower Upper
75 100
155 72.3 36.6 109.8
157 89.4 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 51.437 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 112970

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.8

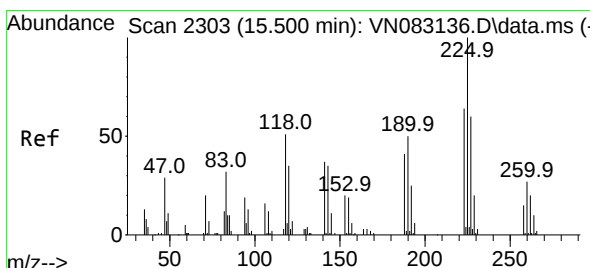
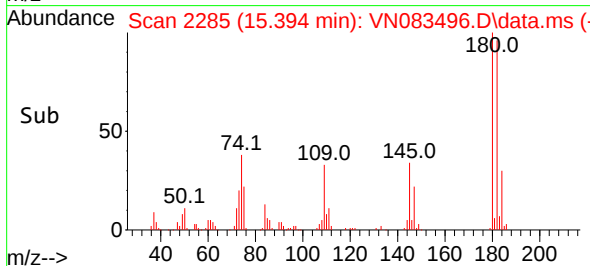
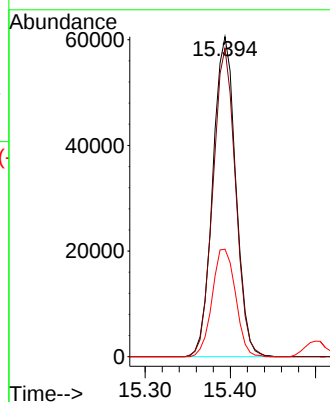
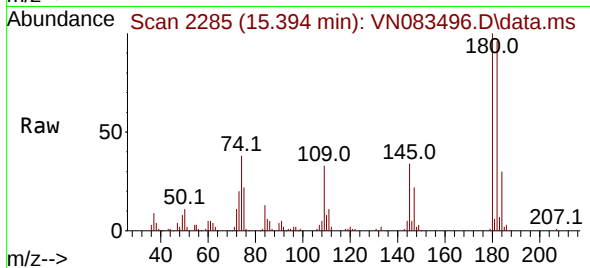
145 34.3 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/28/2024



#94

Hexachlorobutadiene

Concen: 49.482 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN083496.D

Acq: 27 Aug 2024 09:05

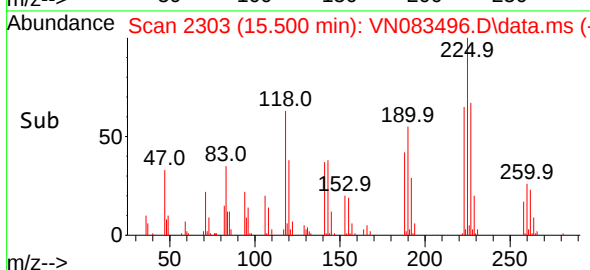
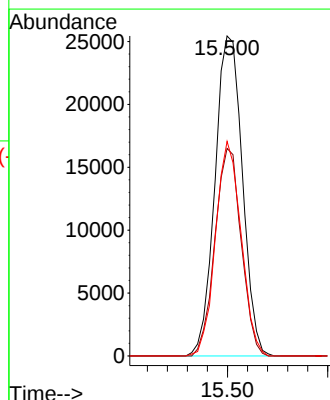
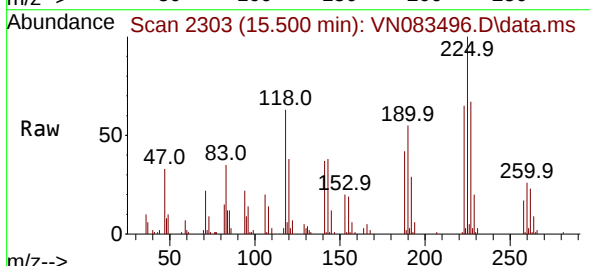
Tgt Ion:225 Resp: 48332

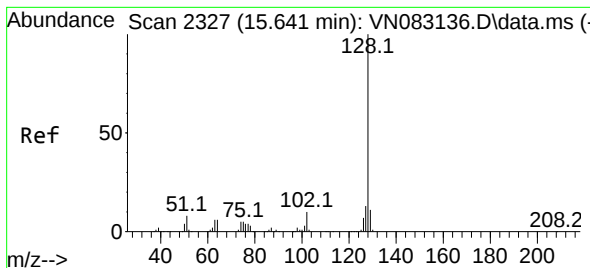
Ion Ratio Lower Upper

225 100

223 62.0 31.9 95.7

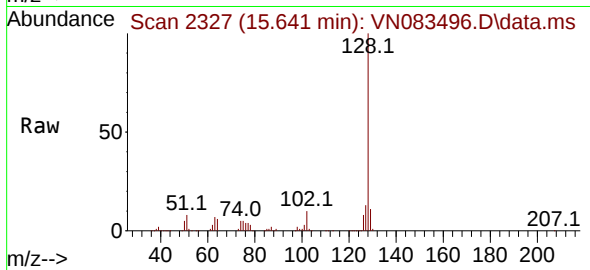
227 62.4 32.5 97.5





#95
Naphthalene
Concen: 48.830 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05

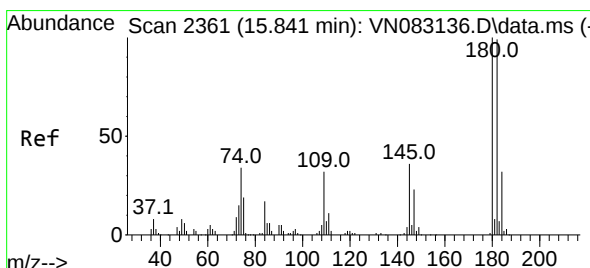
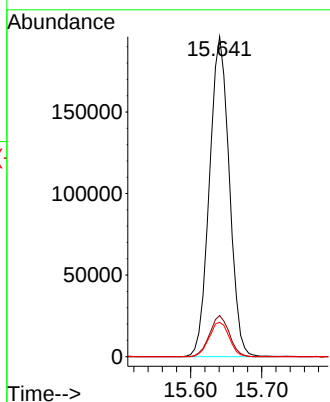
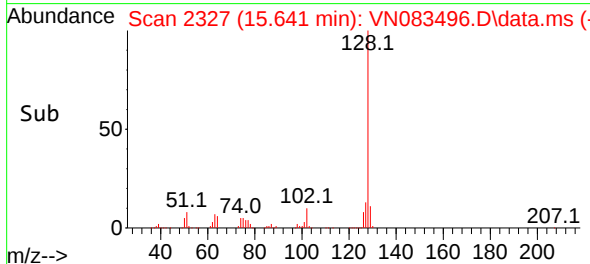
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



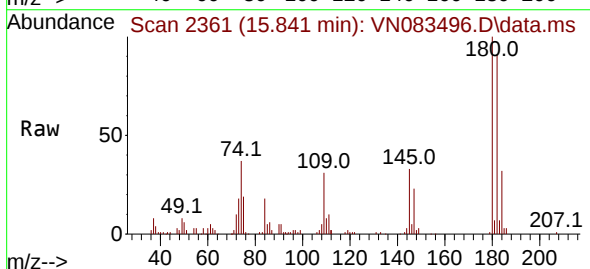
Tgt Ion:128 Resp: 379885
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.579 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083496.D
Acq: 27 Aug 2024 09:05



Tgt Ion:180 Resp: 112090
Ion Ratio Lower Upper
180 100
182 94.4 48.9 146.8
145 35.9 16.8 50.4

