

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083197.D
 Acq On : 10 Aug 2024 10:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/12/2024
 Supervised By : Mahesh Dadoda 08/12/2024

Quant Time: Aug 12 01:45:26 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	189834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320853	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	134039	49.606	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.220%		
35) Dibromofluoromethane	8.165	113	97672	48.770	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.540%		
50) Toluene-d8	10.565	98	366237	49.024	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.040%		
62) 4-Bromofluorobenzene	12.847	95	143110	49.137	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	98.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	100295	46.590	ug/l	99
3) Chloromethane	2.365	50	100509	45.603	ug/l	97
4) Vinyl Chloride	2.518	62	103782	46.148	ug/l	97
5) Bromomethane	2.948	94	63809	45.727	ug/l	90
6) Chloroethane	3.118	64	65765	46.742	ug/l	99
7) Trichlorofluoromethane	3.501	101	178729	48.108	ug/l	96
8) Diethyl Ether	3.965	74	62695	45.351	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	100482	49.057	ug/l	97
10) Methyl Iodide	4.589	142	125700	46.653	ug/l	93
11) Tert butyl alcohol	5.524	59	105988	188.745	ug/l	98
12) 1,1-Dichloroethene	4.342	96	94454	44.885	ug/l	94
13) Acrolein	4.177	56	91889	251.076	ug/l	100
14) Allyl chloride	5.018	41	165569	41.635	ug/l	94
15) Acrylonitrile	5.718	53	253104	219.159	ug/l	99
16) Acetone	4.424	43	264296	249.969	ug/l	96
17) Carbon Disulfide	4.712	76	254569	41.344	ug/l	99
18) Methyl Acetate	5.024	43	140596	44.631	ug/l	94
19) Methyl tert-butyl Ether	5.789	73	350656	46.166	ug/l	96
20) Methylene Chloride	5.277	84	105039	43.166	ug/l	87
21) trans-1,2-Dichloroethene	5.783	96	99457	45.728	ug/l	91
22) Diisopropyl ether	6.665	45	353509	47.292	ug/l	96
23) Vinyl Acetate	6.600	43	1795282m	234.315	ug/l	
24) 1,1-Dichloroethane	6.571	63	195454	47.971	ug/l	98
25) 2-Butanone	7.483	43	358971	221.113	ug/l	93
26) 2,2-Dichloropropane	7.488	77	191062	50.494	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	121869	46.435	ug/l	94
28) Bromochloromethane	7.812	49	73053	43.873	ug/l	86
29) Tetrahydrofuran	7.836	42	225692	215.054	ug/l	89
30) Chloroform	7.965	83	206475	48.778	ug/l	100
31) Cyclohexane	8.259	56	166583	41.601	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	193801	48.369	ug/l	96
36) 1,1-Dichloropropene	8.371	75	145632	48.071	ug/l	99
37) Ethyl Acetate	7.559	43	146483	43.184	ug/l #	96
38) Carbon Tetrachloride	8.365	117	167532	49.098	ug/l	98
39) Methylcyclohexane	9.600	83	173960	46.750	ug/l	97
40) Benzene	8.606	78	432436	47.915	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	84845	43.992	ug/l	98
42) 1,2-Dichloroethane	8.671	62	163117	49.615	ug/l	98
43) Isopropyl Acetate	8.688	43	261076	43.999	ug/l #	93
44) Trichloroethene	9.353	130	103538	48.199	ug/l	95
45) 1,2-Dichloropropane	9.624	63	104597	48.825	ug/l	99
46) Dibromomethane	9.712	93	75201	49.042	ug/l	99
47) Bromodichloromethane	9.888	83	167102	48.534	ug/l	98
48) Methyl methacrylate	9.682	41	126948	45.268	ug/l	93
49) 1,4-Dioxane	9.694	88	41881	827.792	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	740795	230.946	ug/l	94
52) Toluene	10.629	92	278386	48.819	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	174824	49.432	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	184336	49.003	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	101202	49.523	ug/l	95
56) Ethyl methacrylate	10.871	69	179166	46.507	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	180077	49.438	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	359375	220.686	ug/l	98
59) 2-Hexanone	11.194	43	571757	230.402	ug/l	93
60) Dibromochloromethane	11.359	129	123702	50.067	ug/l	98
61) 1,2-Dibromoethane	11.471	107	102197	47.605	ug/l	98
64) Tetrachloroethene	11.106	164	89735	48.451	ug/l	93
65) Chlorobenzene	11.894	112	296861	48.035	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	104493	47.941	ug/l	99
67) Ethyl Benzene	11.965	91	549334	48.454	ug/l	100
68) m/p-Xylenes	12.071	106	411939	97.000	ug/l	97
69) o-Xylene	12.400	106	197871	47.242	ug/l	98
70) Styrene	12.412	104	343690	48.856	ug/l	98
71) Bromoform	12.576	173	79756	48.302	ug/l #	100
73) Isopropylbenzene	12.694	105	532490	47.051	ug/l	100
74) N-amyl acetate	12.494	43	236574	42.736	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	141893	44.329	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	128173m	43.162	ug/l	
77) Bromobenzene	12.982	156	118739	47.231	ug/l	98
78) n-propylbenzene	13.035	91	633975	48.649	ug/l	100
79) 2-Chlorotoluene	13.123	91	387930	46.954	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	450777	47.576	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	56583	41.447	ug/l	94
82) 4-Chlorotoluene	13.223	91	392168	47.321	ug/l	97
83) tert-Butylbenzene	13.441	119	394700	47.039	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	457094	47.870	ug/l	100
85) sec-Butylbenzene	13.618	105	547739	47.840	ug/l	99
86) p-Isopropyltoluene	13.729	119	458855	48.538	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	218609	46.212	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	222764	46.710	ug/l	99
89) n-Butylbenzene	14.053	91	411436	50.228	ug/l	98
90) Hexachloroethane	14.335	117	85349	46.731	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	210097	45.896	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31852	41.008	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	120398	46.947	ug/l	98
94) Hexachlorobutadiene	15.500	225	50388	44.179	ug/l	98
95) Naphthalene	15.641	128	399269	43.952	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	116409	45.874	ug/l	96

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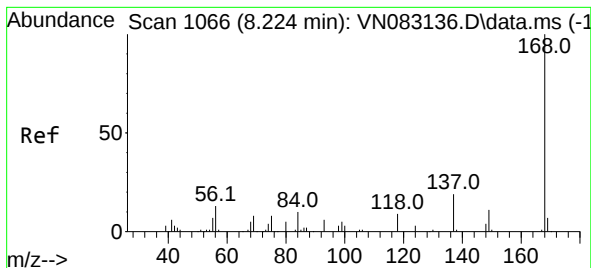
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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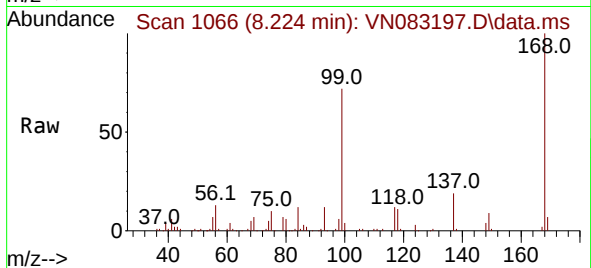
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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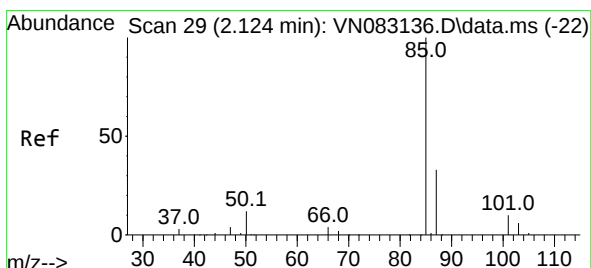
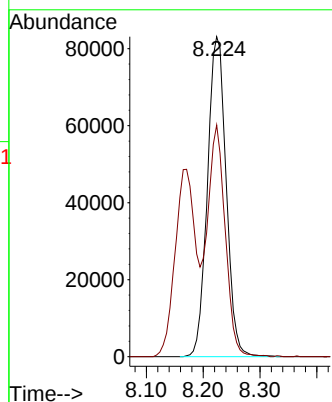
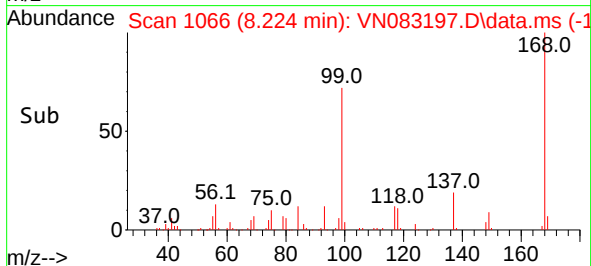
Instrument :
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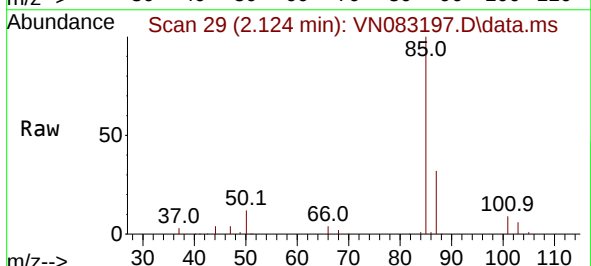
Tgt Ion:168 Resp: 189834
Ion Ratio Lower Upper
168 100
99 72.2 48.2 72.4

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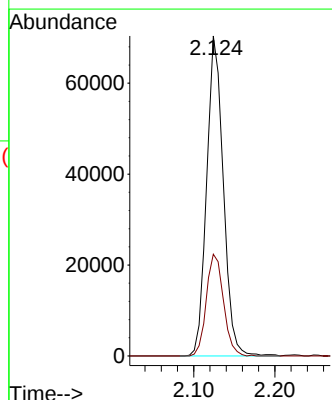
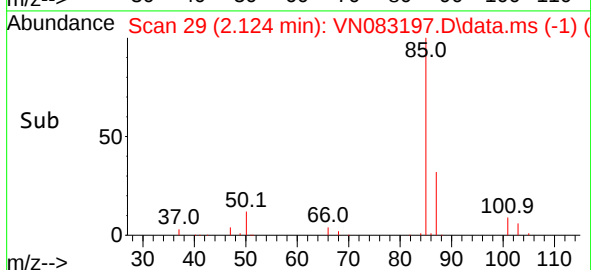
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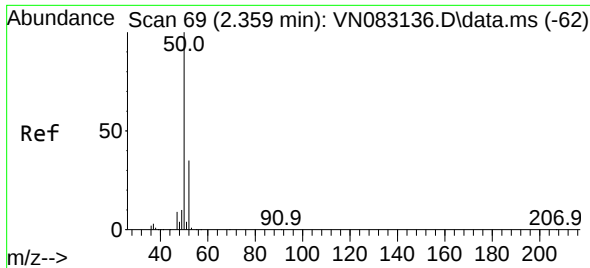


#2
Dichlorodifluoromethane
Concen: 46.590 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46



Tgt Ion: 85 Resp: 100295
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.0





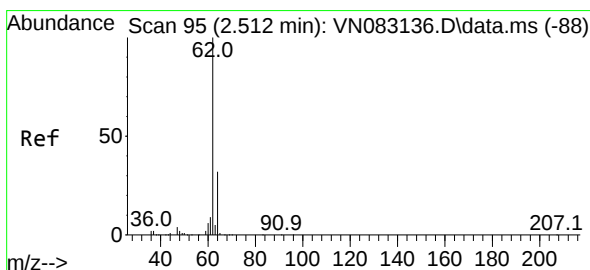
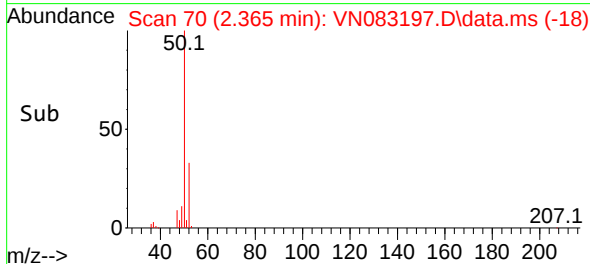
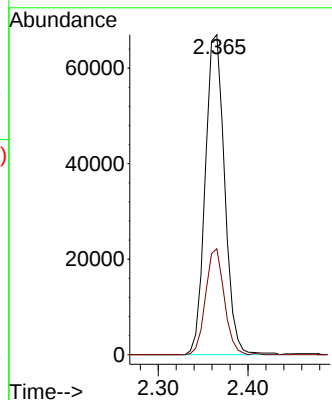
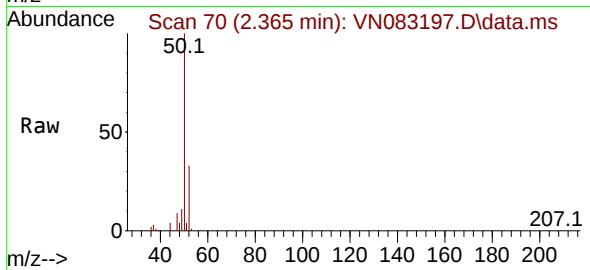
#3
Chloromethane
Concen: 45.603 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

Instrument :
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Tgt Ion: 50 Resp: 100509
Ion Ratio Lower Upper
50 100
52 33.1 25.0 37.4

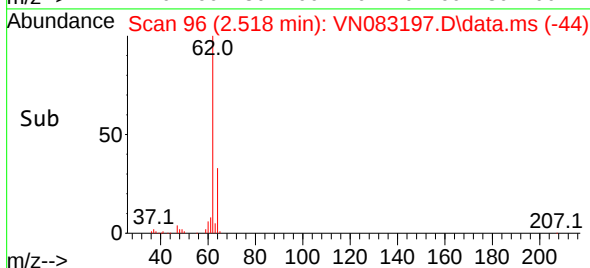
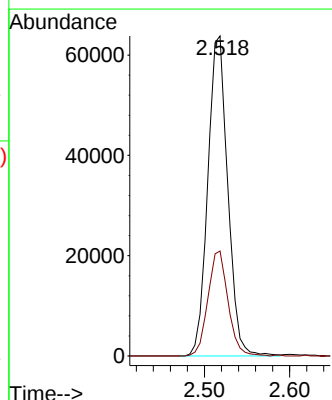
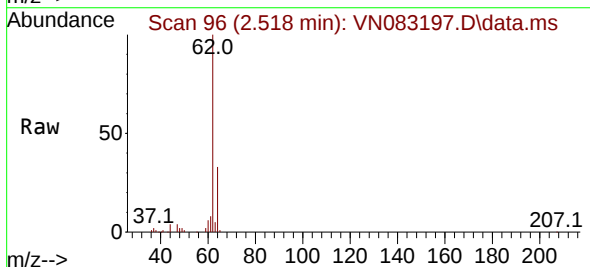
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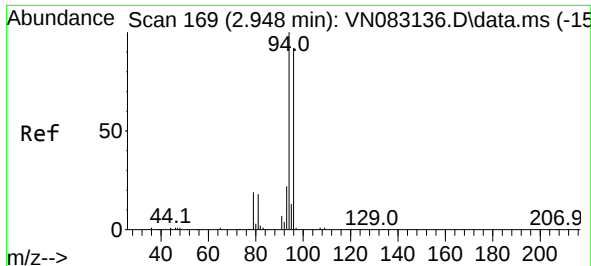
Reviewed By :John Carlone 08/12/2024
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#4
Vinyl Chloride
Concen: 46.148 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

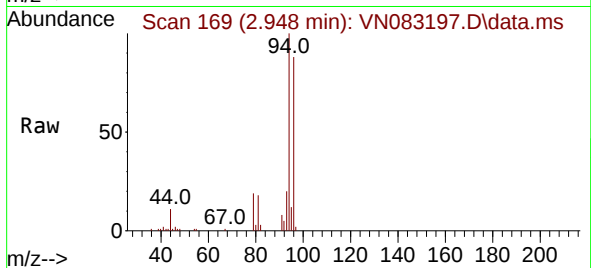
Tgt Ion: 62 Resp: 103782
Ion Ratio Lower Upper
62 100
64 32.8 25.0 37.6





#5
Bromomethane
Concen: 45.727 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

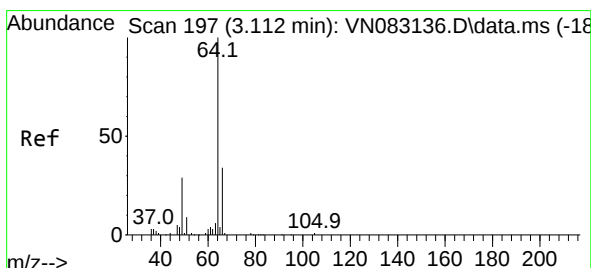
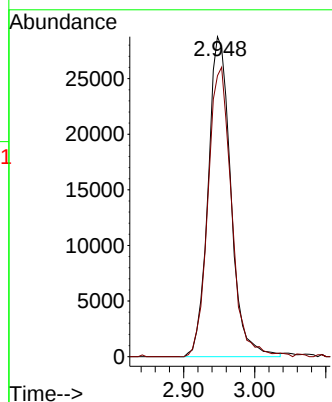
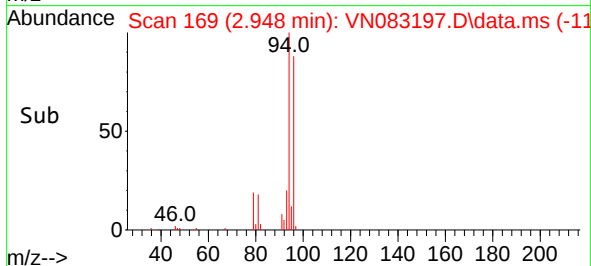
Instrument :
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Tgt Ion: 94 Resp: 63809
Ion Ratio Lower Upper
94 100
96 87.8 78.0 117.0

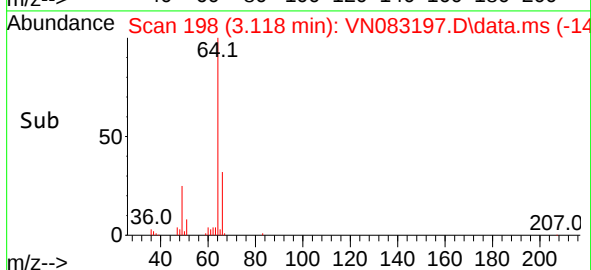
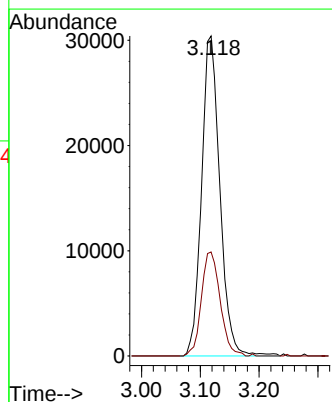
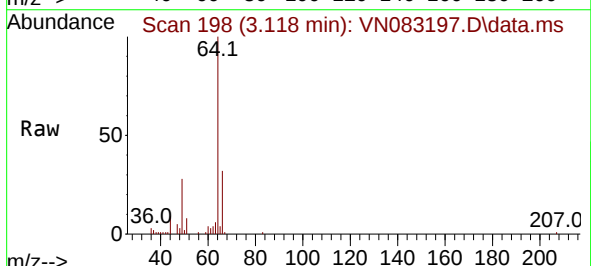
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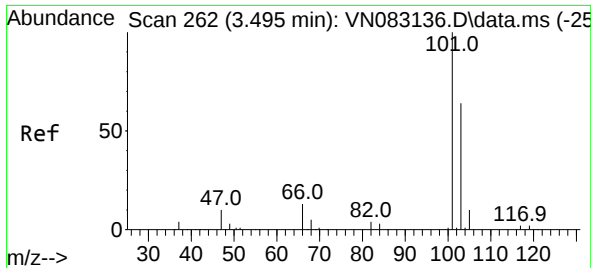
Reviewed By :John Carlone 08/12/2024
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#6
Chloroethane
Concen: 46.742 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
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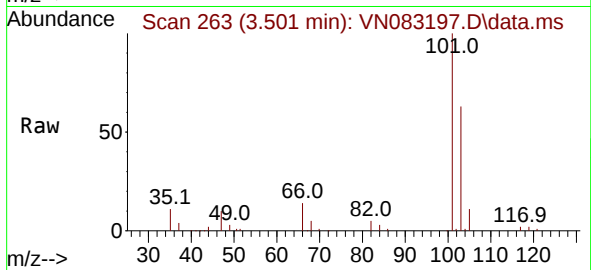
Tgt Ion: 64 Resp: 65765
Ion Ratio Lower Upper
64 100
66 32.5 26.6 40.0





#7
Trichlorofluoromethane
Concen: 48.108 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN083197.D
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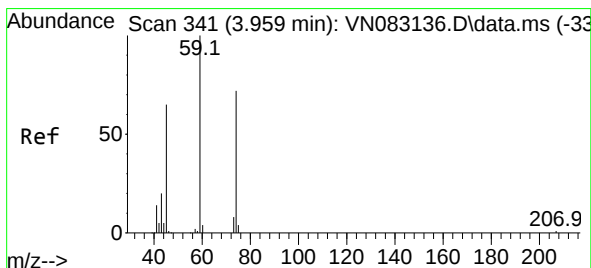
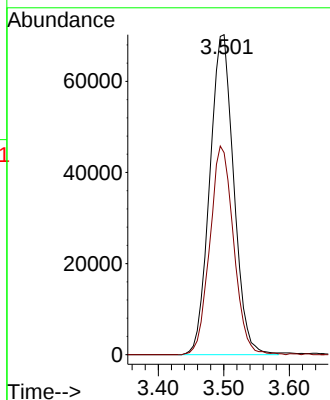
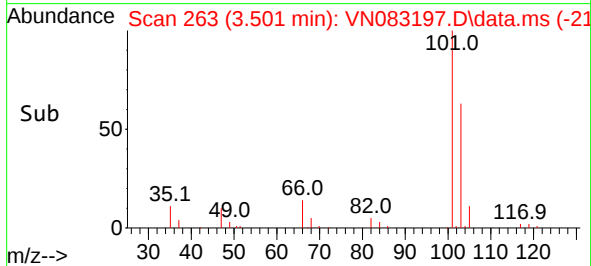
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 178729
Ion Ratio Lower Upper
101 100
103 63.1 52.7 79.1

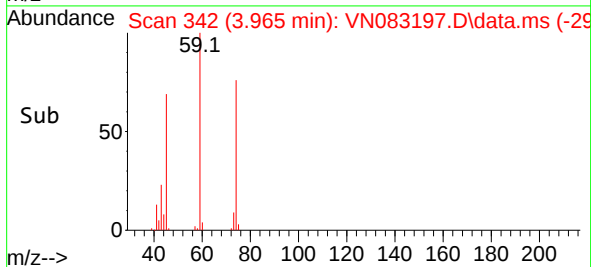
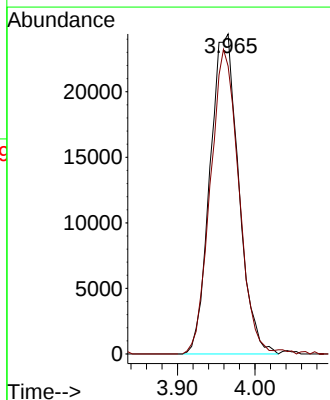
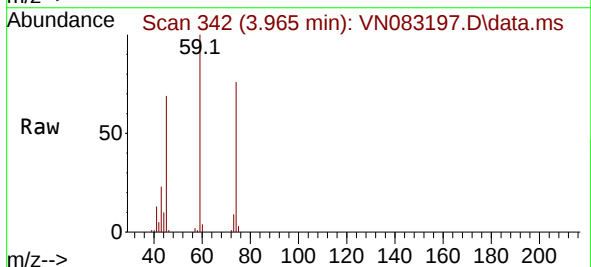
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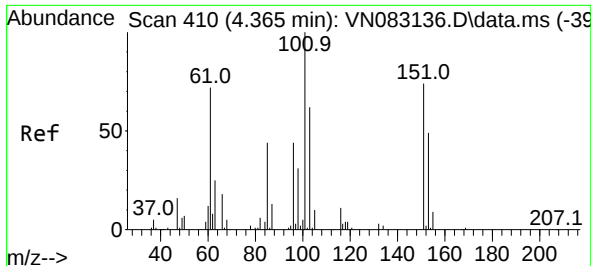
Reviewed By :John Carlone 08/12/2024
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#8
Diethyl Ether
Concen: 45.351 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 62695
Ion Ratio Lower Upper
74 100
45 94.2 55.5 166.3





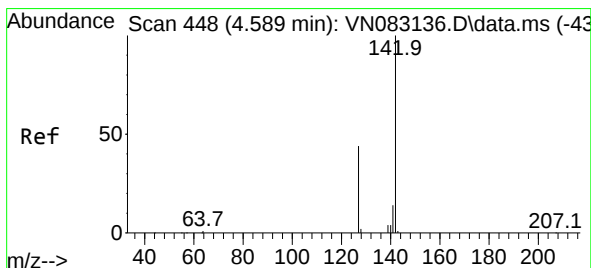
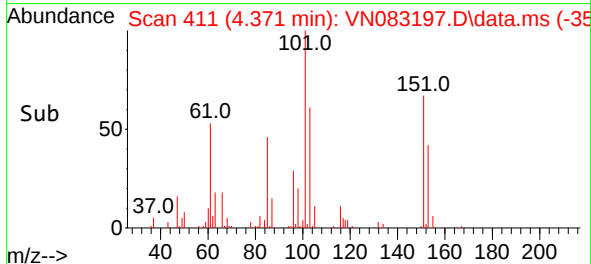
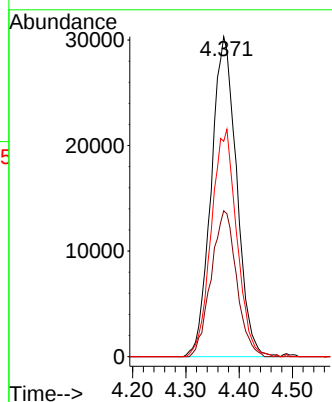
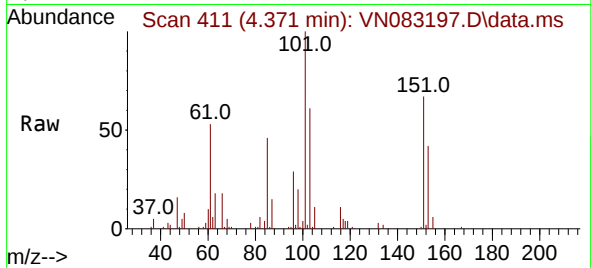
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.057 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 10048
Ion Ratio Lower Upper
101 100
85 45.6 38.3 57.5
151 71.2 59.3 88.9

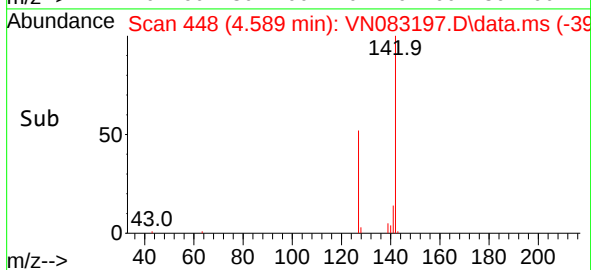
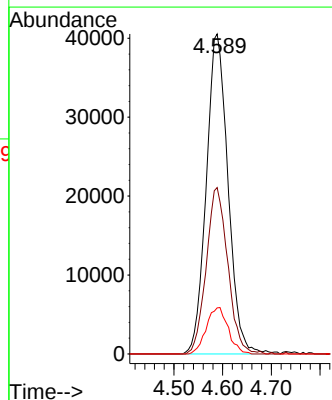
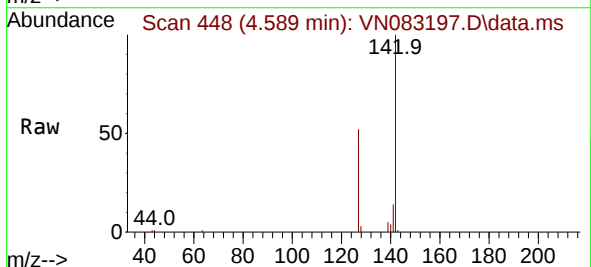
Manual Integrations
APPROVED

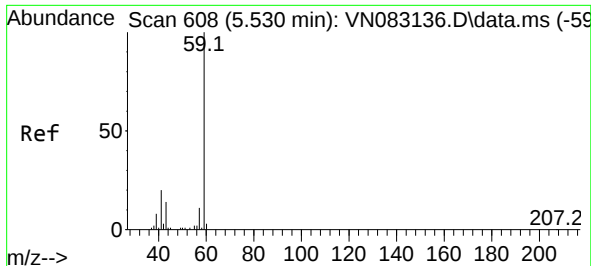
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#10
Methyl Iodide
Concen: 46.653 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

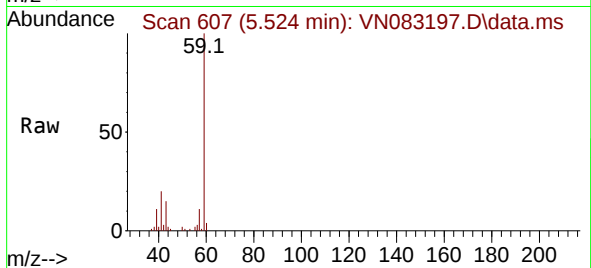
Tgt Ion:142 Resp: 125700
Ion Ratio Lower Upper
142 100
127 52.0 37.5 56.3
141 14.4 13.1 19.7





#11
Tert butyl alcohol
Concen: 188.745 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

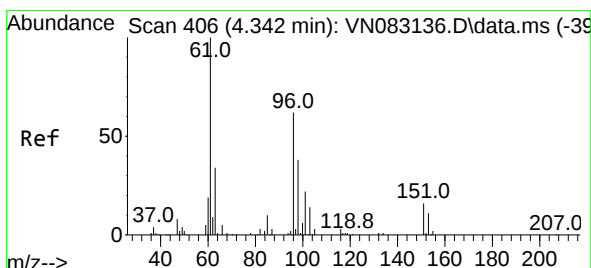
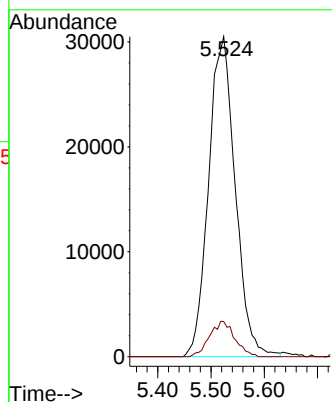
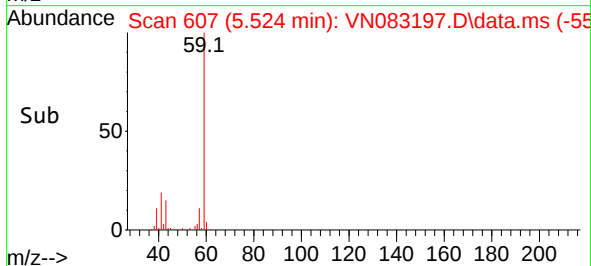
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



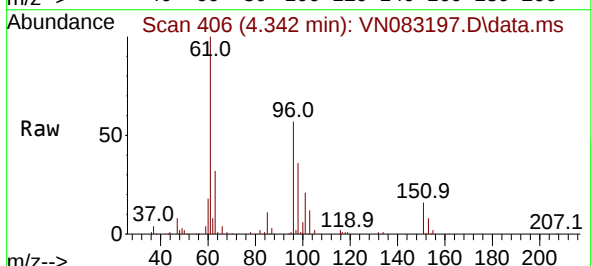
Tgt Ion: 59 Resp: 105988
Ion Ratio Lower Upper
59 100
57 10.5 8.9 13.3

Manual Integrations
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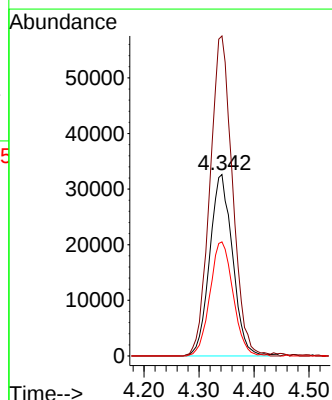
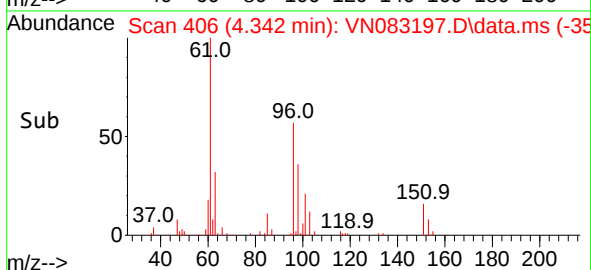
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#12
1,1-Dichloroethene
Concen: 44.885 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46



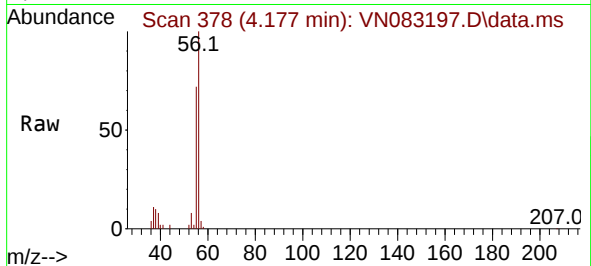
Tgt Ion: 96 Resp: 94454
Ion Ratio Lower Upper
96 100
61 176.4 149.7 224.5
98 62.9 50.1 75.1





#13
Acrolein
Concen: 251.076 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

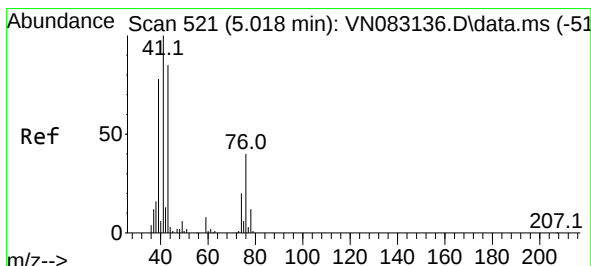
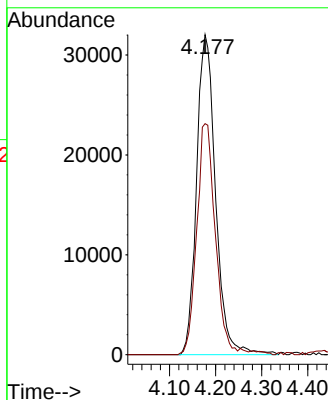
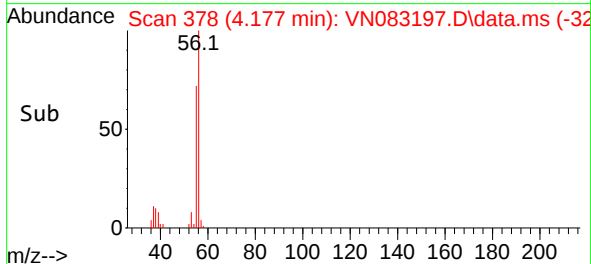
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 91889
Ion Ratio Lower Upper
56 100
55 70.9 56.4 84.6

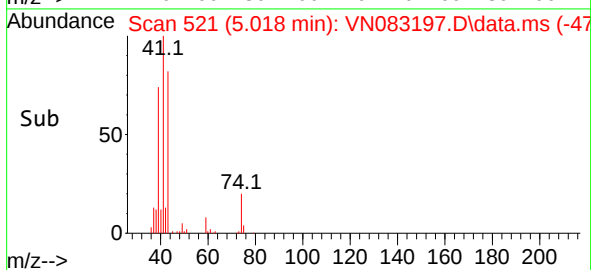
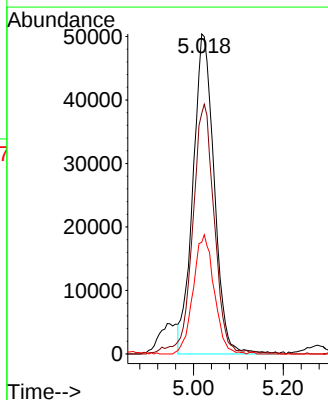
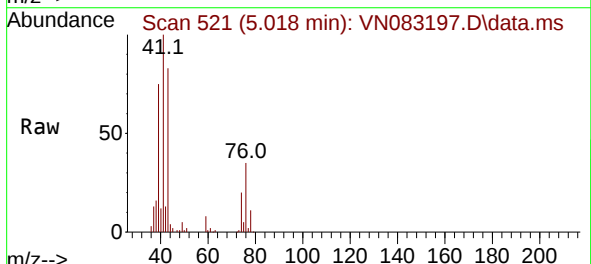
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#14
Allyl chloride
Concen: 41.635 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

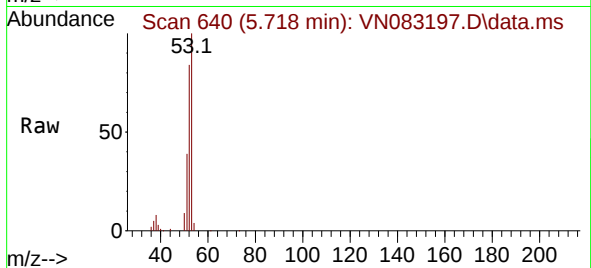
Tgt Ion: 41 Resp: 165569
Ion Ratio Lower Upper
41 100
39 79.3 67.8 101.6
76 36.7 25.8 38.8





#15
Acrylonitrile
Concen: 219.159 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

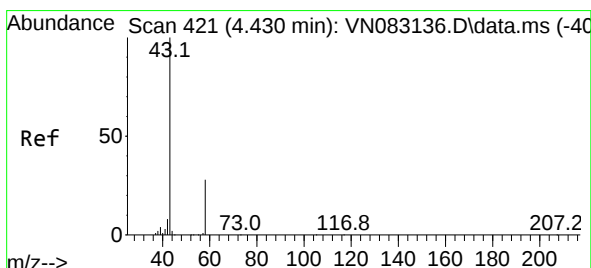
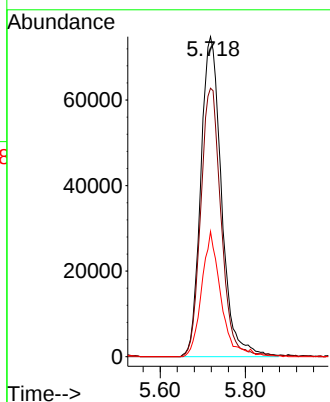
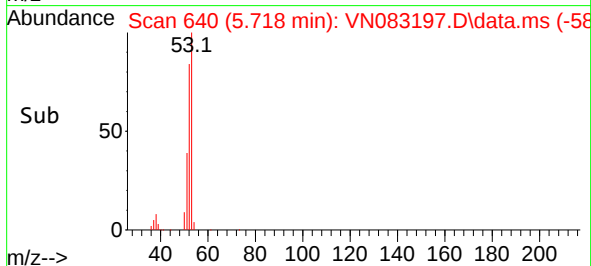
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



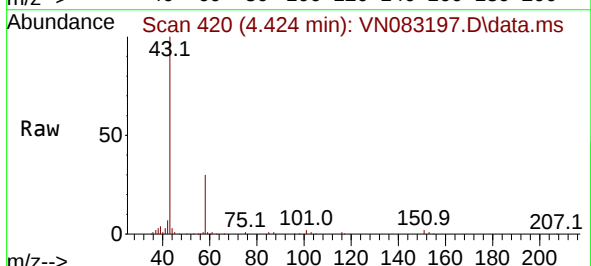
Tgt Ion: 53 Resp: 253104
Ion Ratio Lower Upper
53 100
52 82.6 66.6 100.0
51 36.6 30.1 45.1

Manual Integrations
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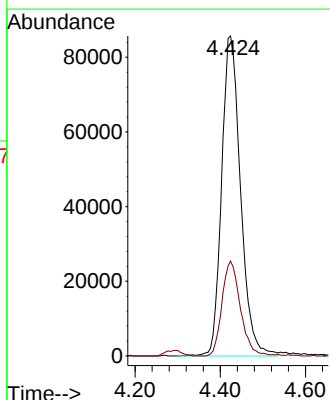
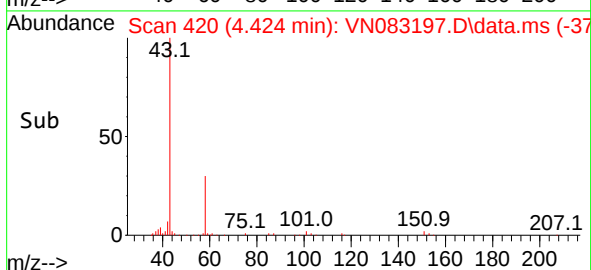
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#16
Acetone
Concen: 249.969 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46



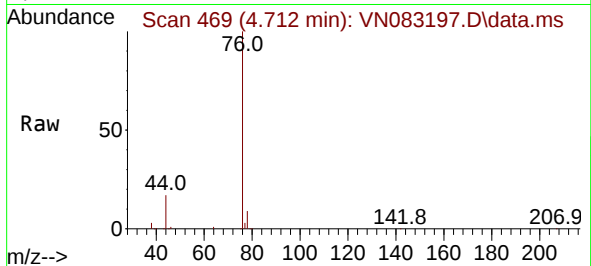
Tgt Ion: 43 Resp: 264296
Ion Ratio Lower Upper
43 100
58 29.1 21.8 32.6





#17
Carbon Disulfide
Concen: 41.344 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

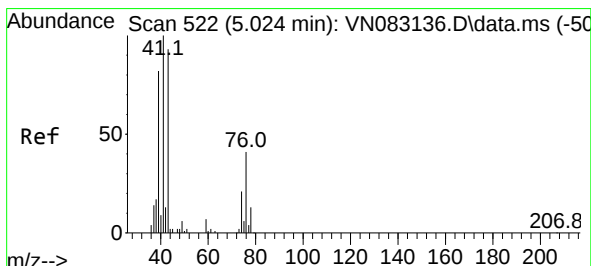
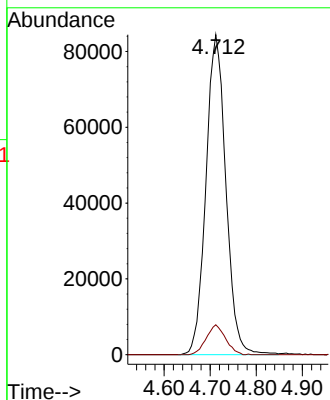
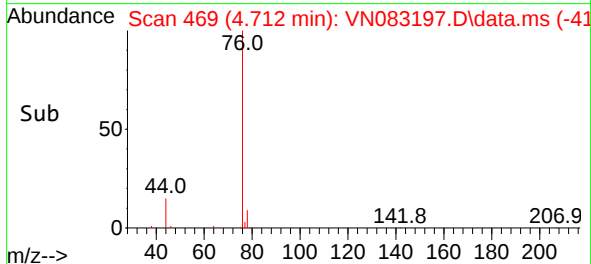
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



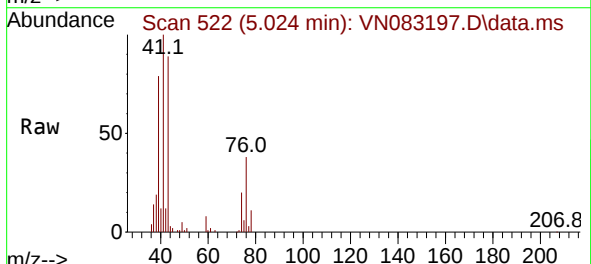
Tgt Ion: 76 Resp: 254569
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

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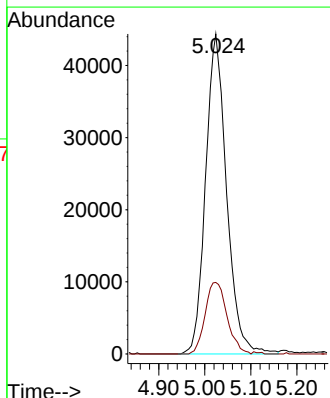
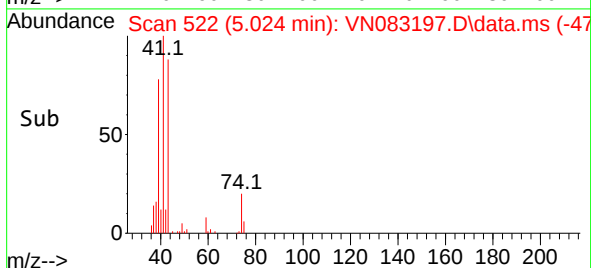
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#18
Methyl Acetate
Concen: 44.631 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46



Tgt Ion: 43 Resp: 140596
Ion Ratio Lower Upper
43 100
74 23.3 16.3 24.5





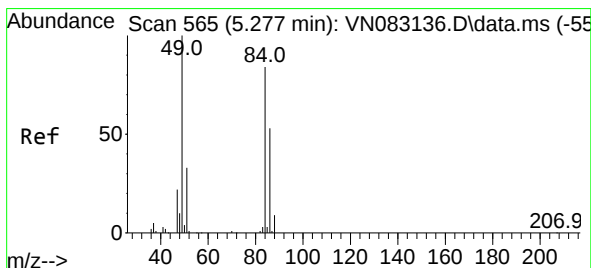
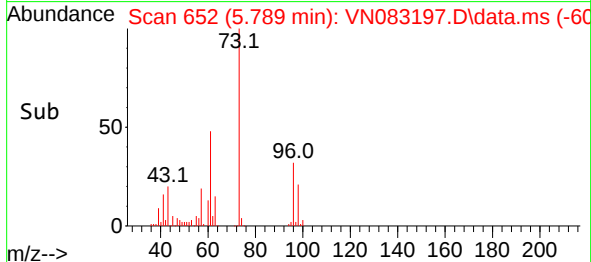
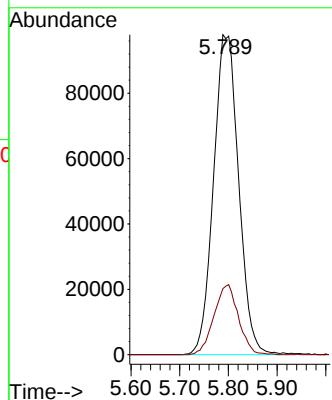
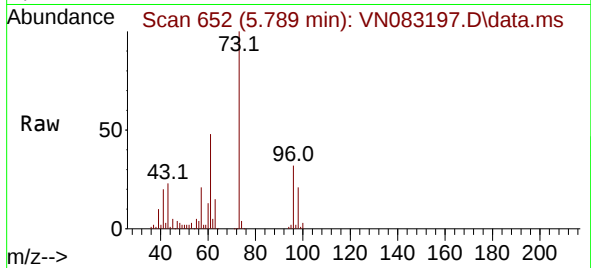
#19
Methyl tert-butyl Ether
Concen: 46.166 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 350650
Ion Ratio Lower Upper
73 100
57 20.6 17.9 26.9

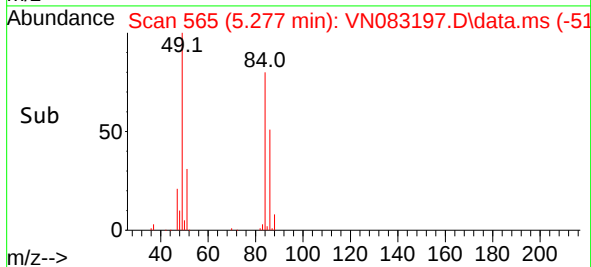
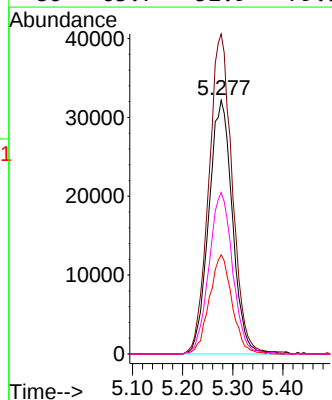
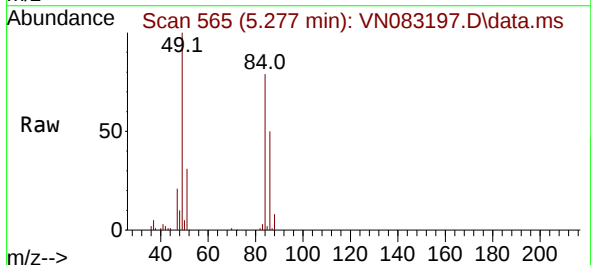
Manual Integrations
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Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#20
Methylene Chloride
Concen: 43.166 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

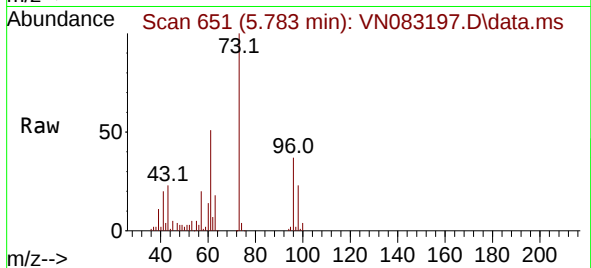
Tgt Ion: 84 Resp: 105039
Ion Ratio Lower Upper
84 100
49 126.2 119.6 179.4
51 39.1 34.8 52.2
86 63.7 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 45.728 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

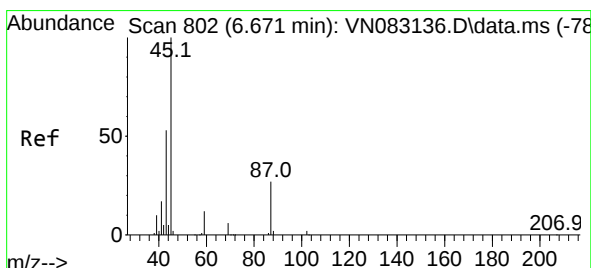
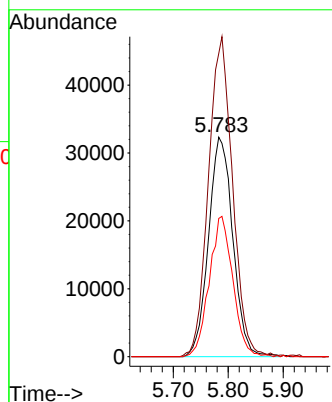
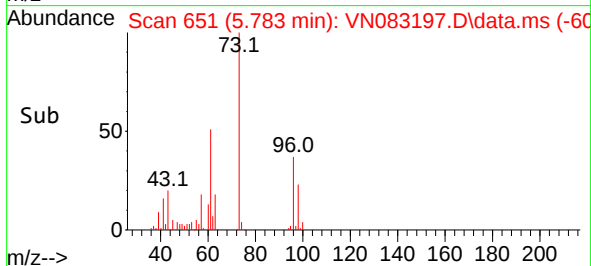
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 9945
Ion Ratio Lower Upper
96 100
61 138.1 123.4 185.2
98 63.0 49.3 73.9

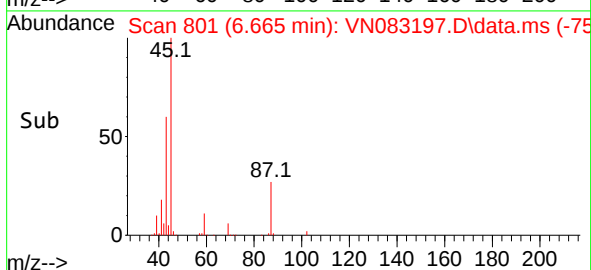
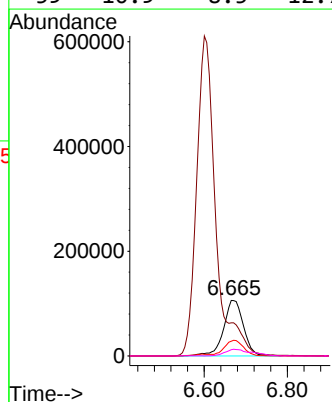
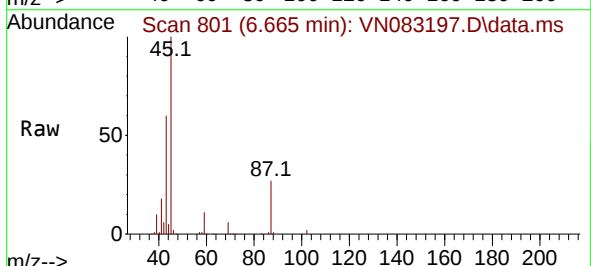
Manual Integrations
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Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#22
Diisopropyl ether
Concen: 47.292 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

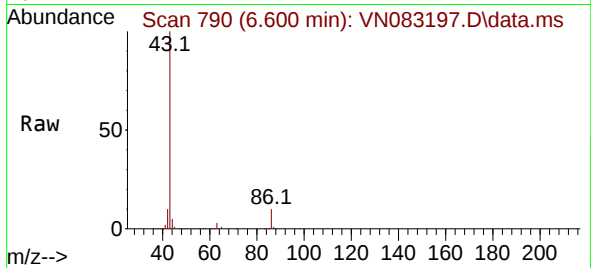
Tgt Ion: 45 Resp: 353509
Ion Ratio Lower Upper
45 100
43 58.4 44.0 66.0
87 26.6 19.7 29.5
59 10.9 8.5 12.7





#23
 Vinyl Acetate
 Concen: 234.315 ug/l m
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN083197.D
 Acq: 10 Aug 2024 10:46

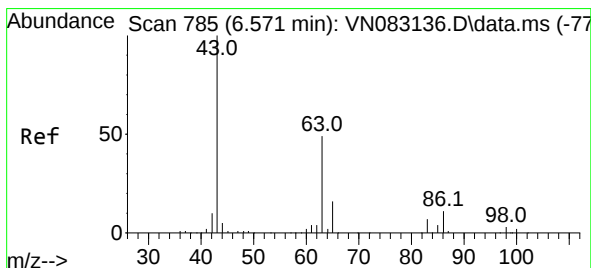
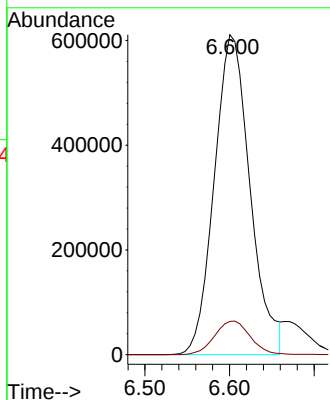
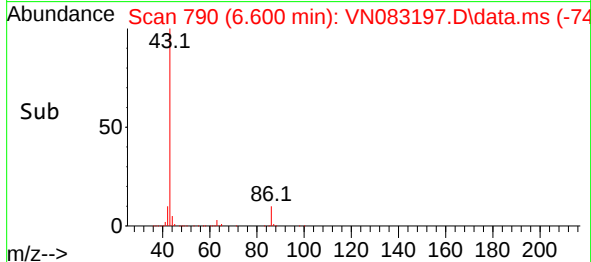
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 179528
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.3 10.9

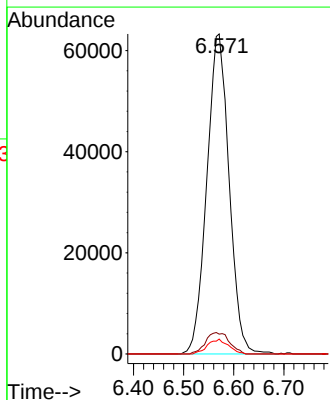
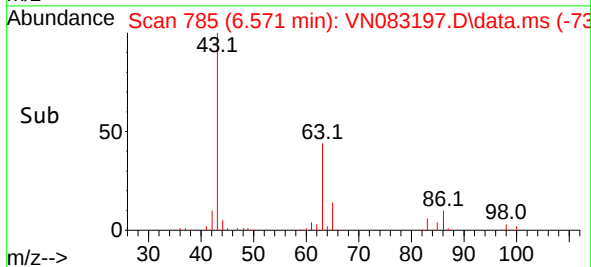
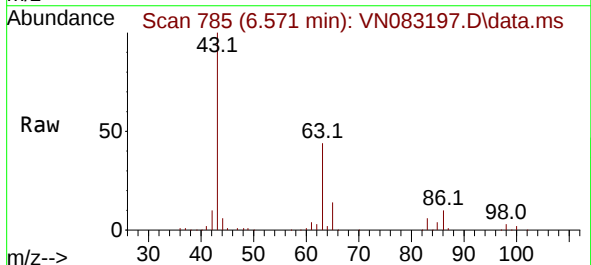
Manual Integrations
 APPROVED

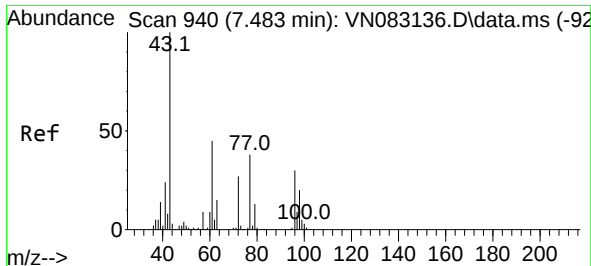
Reviewed By :John Carlone 08/12/2024
 Supervised By :Mahesh Dadoda 08/12/2024



#24
 1,1-Dichloroethane
 Concen: 47.971 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN083197.D
 Acq: 10 Aug 2024 10:46

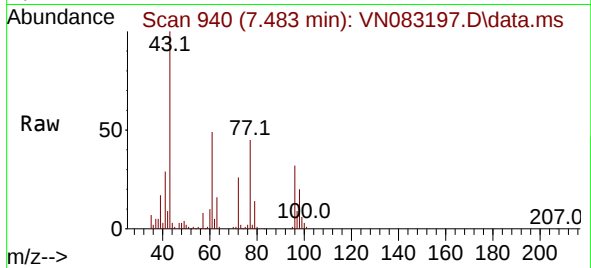
Tgt Ion: 63 Resp: 195454
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.9
 100 4.7 2.0 6.0





#25
2-Butanone
Concen: 221.113 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

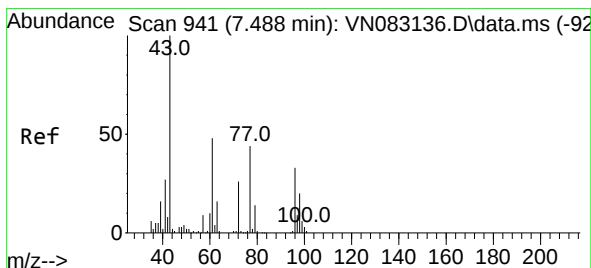
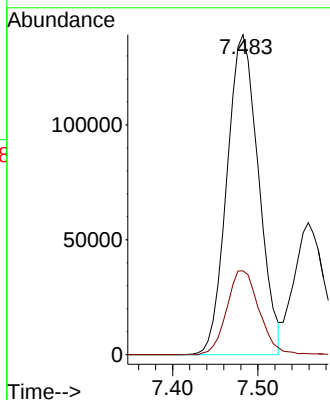
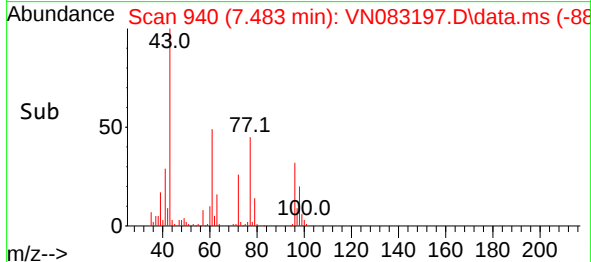
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 35897
Ion Ratio Lower Upper
43 100
72 26.2 18.2 27.2

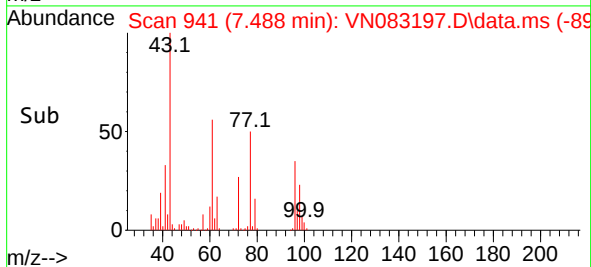
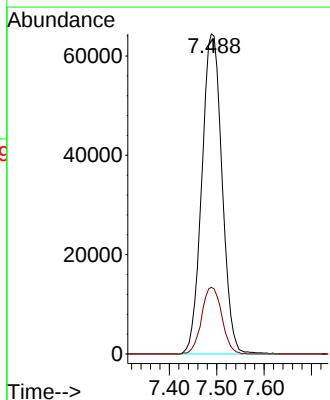
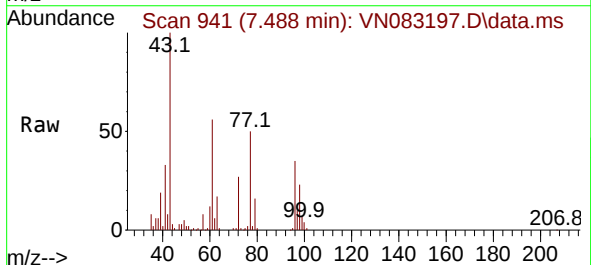
Manual Integrations
APPROVED

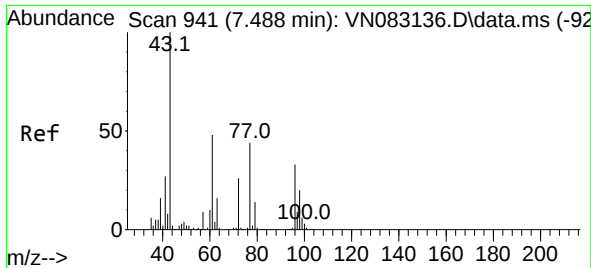
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#26
2,2-Dichloropropane
Concen: 50.494 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

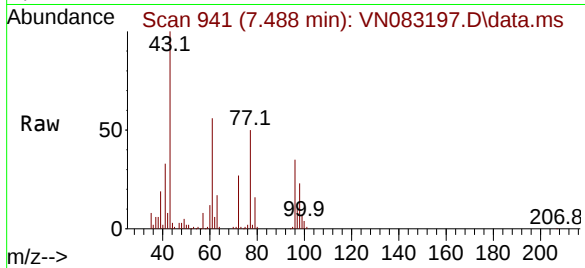
Tgt Ion: 77 Resp: 191062
Ion Ratio Lower Upper
77 100
97 20.8 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 46.435 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN083197.D
 Acq: 10 Aug 2024 10:46

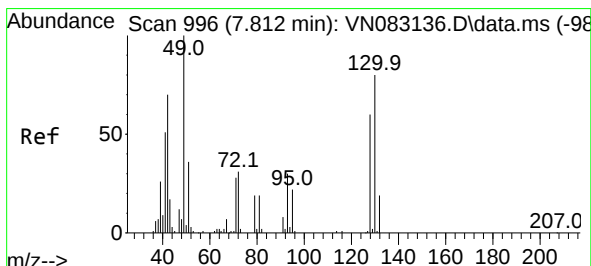
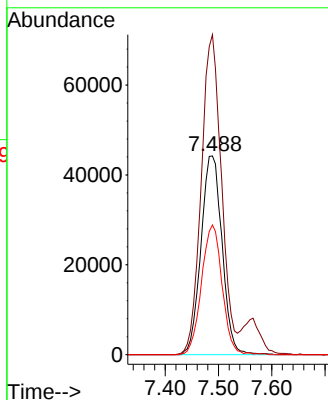
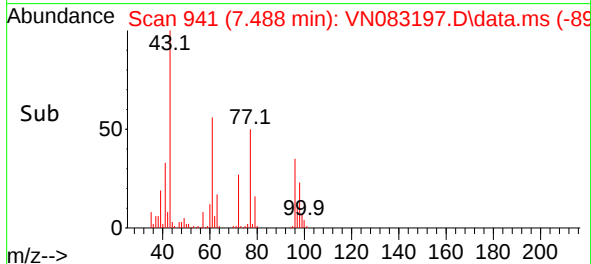
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 121869
 Ion Ratio Lower Upper
 96 100
 61 154.1 0.0 329.6
 98 63.7 0.0 128.6

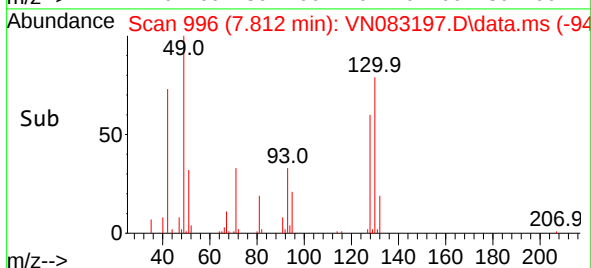
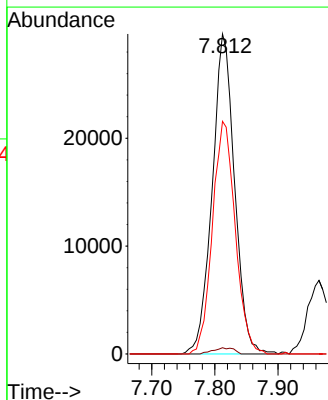
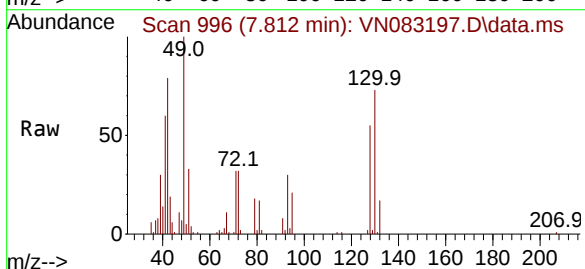
Manual Integrations
 APPROVED

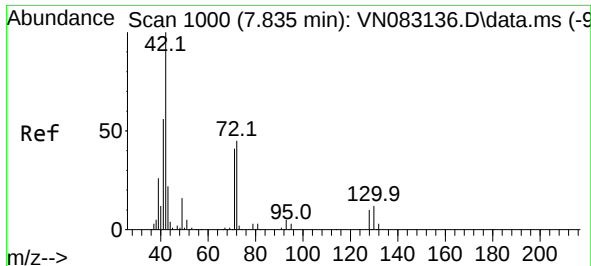
Reviewed By :John Carlone 08/12/2024
 Supervised By :Mahesh Dadoda 08/12/2024



#28
 Bromochloromethane
 Concen: 43.873 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083197.D
 Acq: 10 Aug 2024 10:46

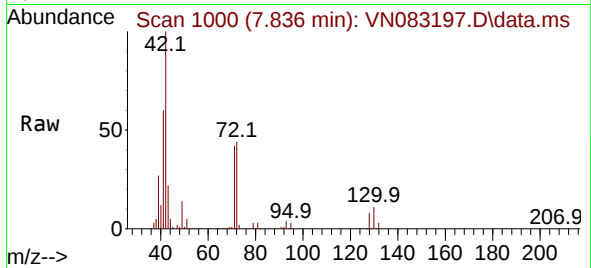
Tgt Ion: 49 Resp: 73053
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 74.1 50.5 75.7





#29
Tetrahydrofuran
Concen: 215.054 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

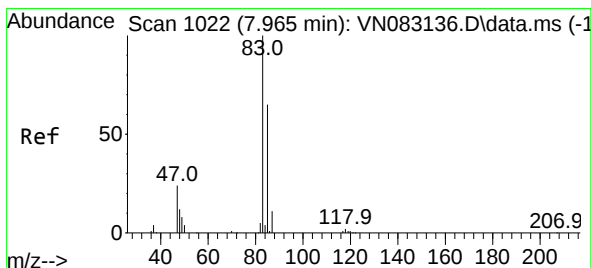
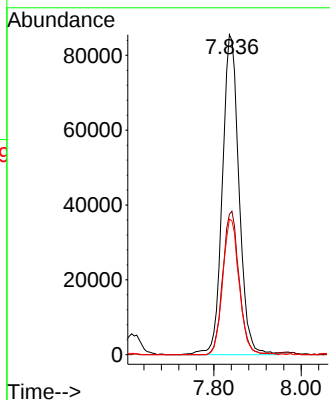
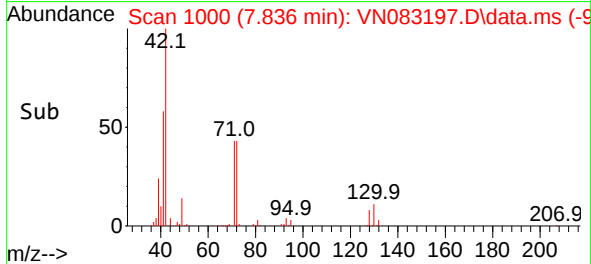
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



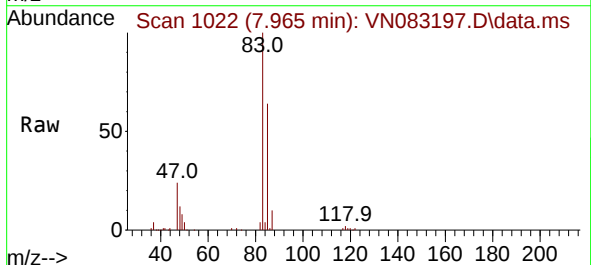
Tgt Ion: 42 Resp: 225692
Ion Ratio Lower Upper
42 100
72 44.0 30.0 45.0
71 41.8 28.3 42.5

Manual Integrations
APPROVED

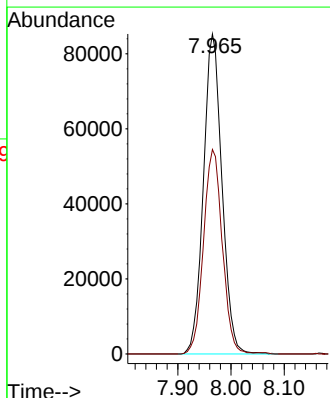
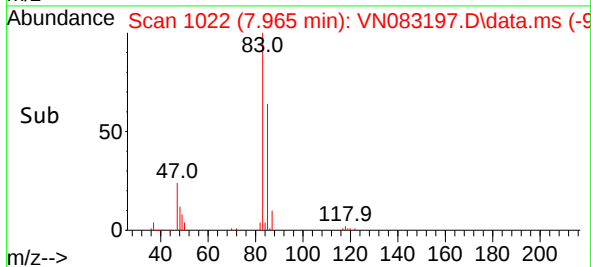
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

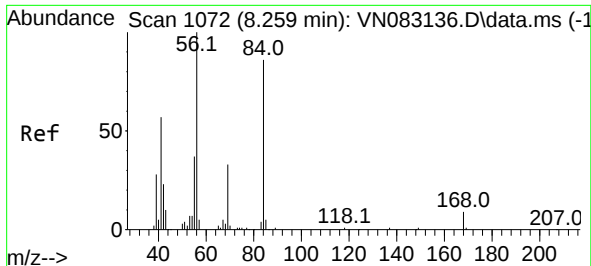


#30
Chloroform
Concen: 48.778 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46



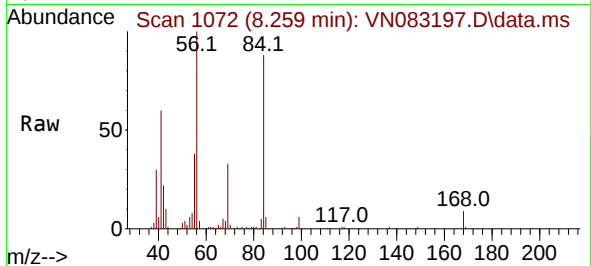
Tgt Ion: 83 Resp: 206475
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3





#31
Cyclohexane
Concen: 41.601 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

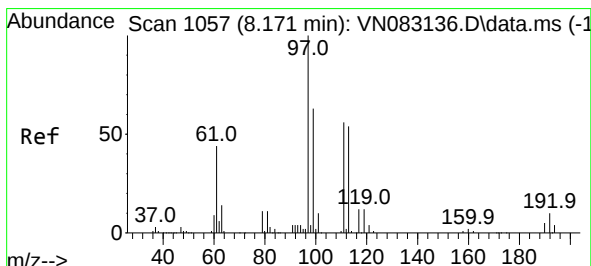
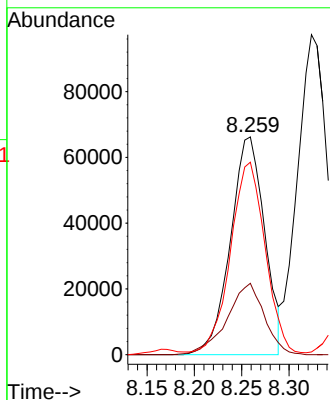
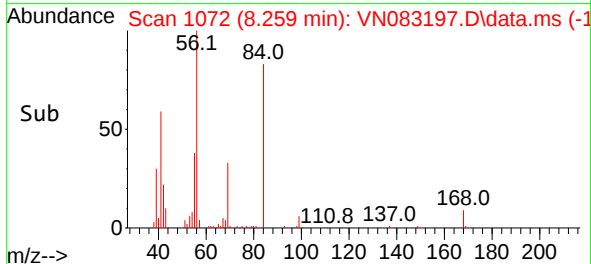
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



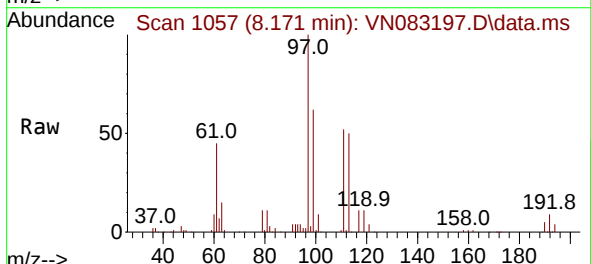
Tgt Ion: 56 Resp: 16658
Ion Ratio Lower Upper
56 100
69 32.5 24.5 36.7
84 87.1 66.0 99.0

Manual Integrations
APPROVED

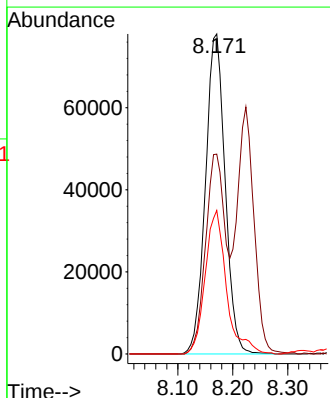
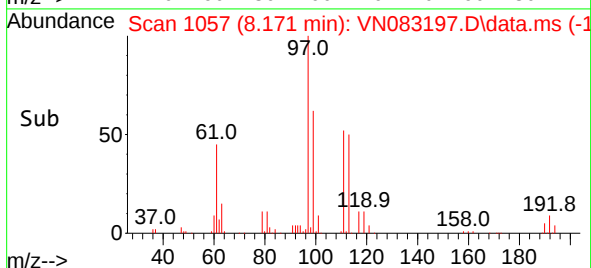
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#32
1,1,1-Trichloroethane
Concen: 48.369 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46



Tgt Ion: 97 Resp: 193801
Ion Ratio Lower Upper
97 100
99 62.8 52.0 78.0
61 48.5 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 49.606 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083197.D

Acq: 10 Aug 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 134039

Ion Ratio Lower Upper

65 100

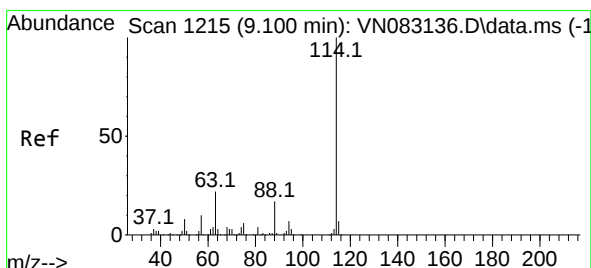
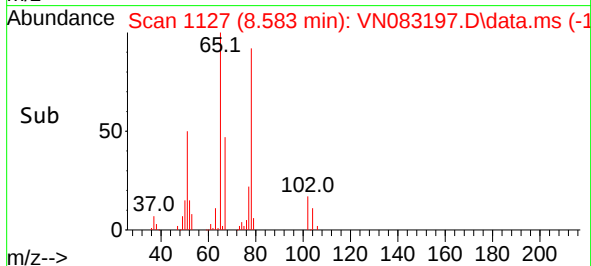
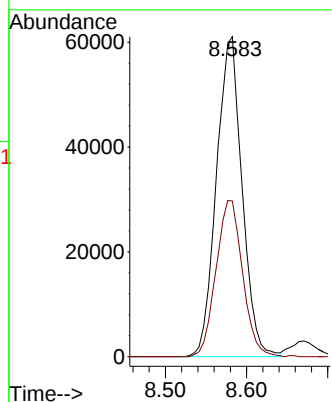
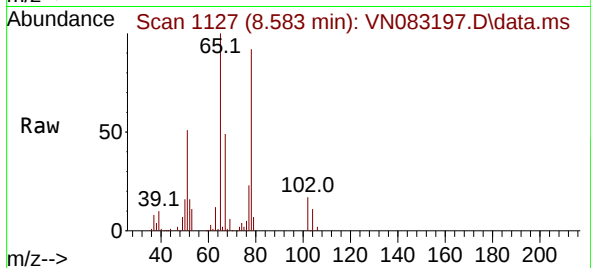
67 50.5 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2024

Supervised By :Mahesh Dadoda 08/12/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083197.D

Acq: 10 Aug 2024 10:46

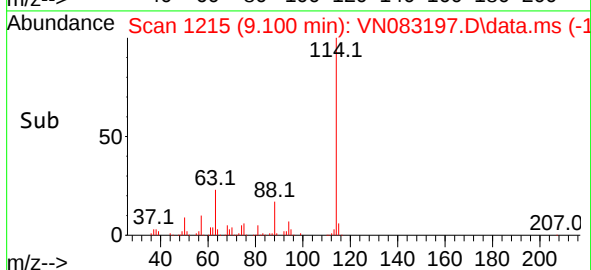
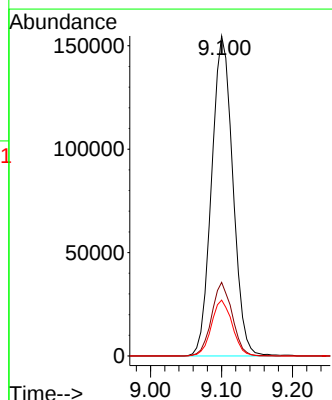
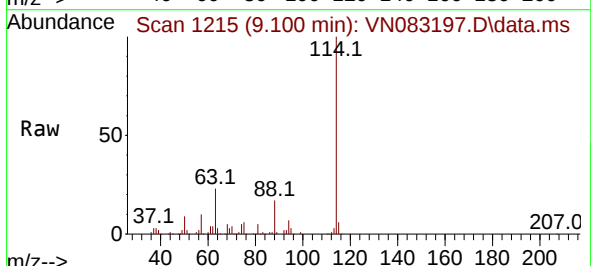
Tgt Ion:114 Resp: 320853

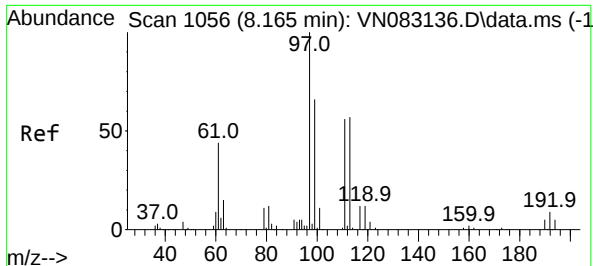
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

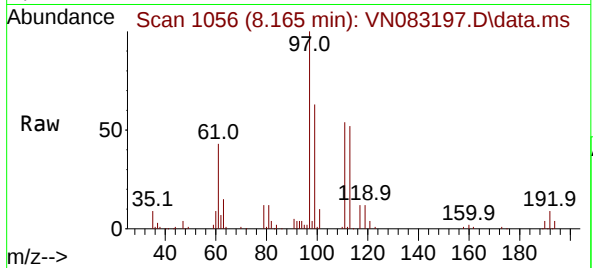
88 17.5 0.0 31.4





#35
Dibromofluoromethane
Concen: 48.770 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

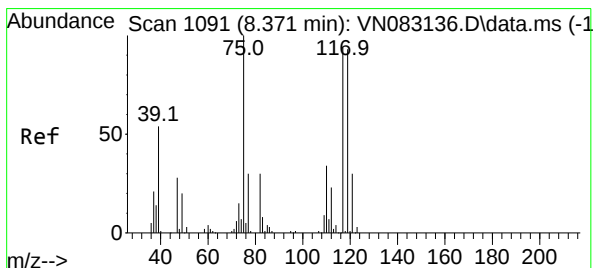
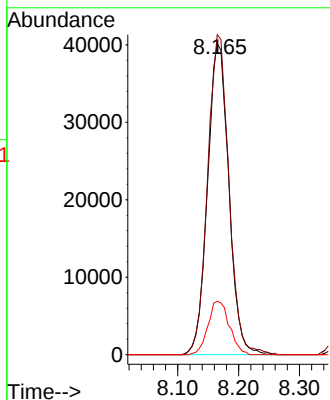
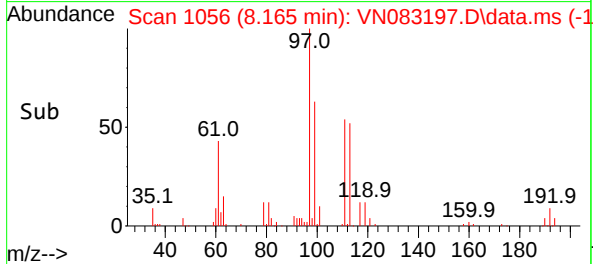
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 97672
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 17.2 14.9 22.3

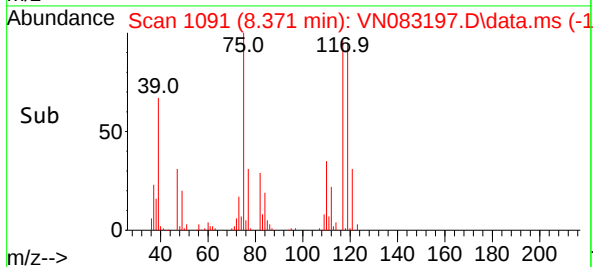
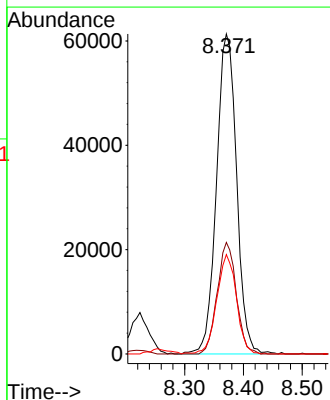
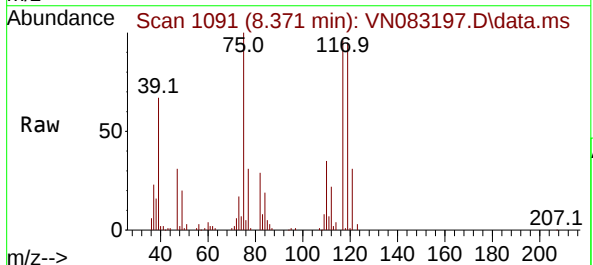
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#36
1,1-Dichloropropene
Concen: 48.071 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

Tgt Ion: 75 Resp: 145632
Ion Ratio Lower Upper
75 100
110 33.0 16.3 48.9
77 30.4 24.6 37.0





#37

Ethyl Acetate

Concen: 43.184 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN083197.D

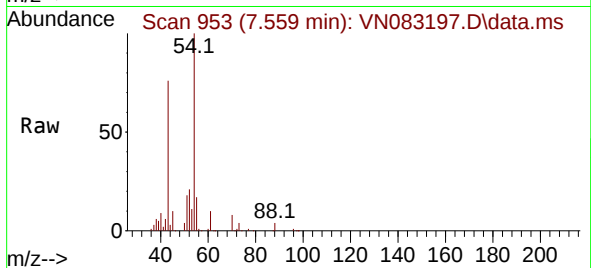
Acq: 10 Aug 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 14648

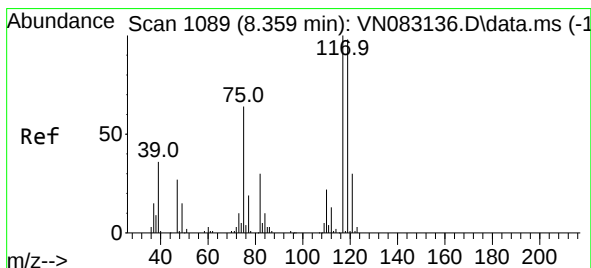
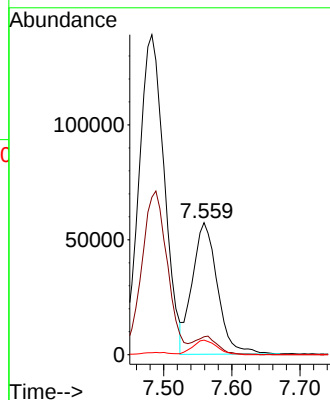
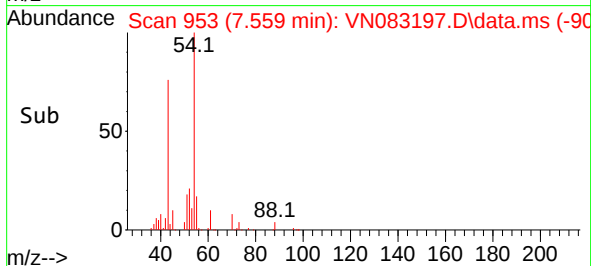
Ion	Ratio	Lower	Upper
43	100		
61	13.2	9.3	13.9
70	10.6	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2024

Supervised By :Mahesh Dadoda 08/12/2024



#38

Carbon Tetrachloride

Concen: 49.098 ug/l

RT: 8.365 min Scan# 1090

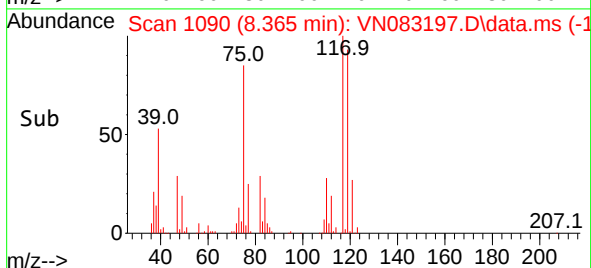
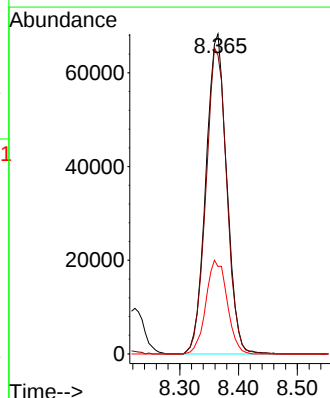
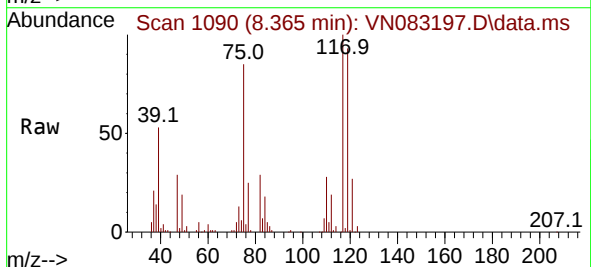
Delta R.T. 0.006 min

Lab File: VN083197.D

Acq: 10 Aug 2024 10:46

Tgt Ion:117 Resp: 167532

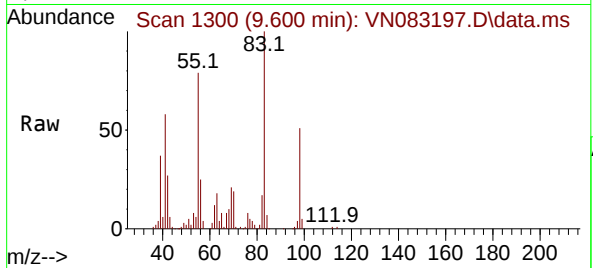
Ion	Ratio	Lower	Upper
117	100		
119	93.4	74.9	112.3
121	27.3	24.3	36.5





#39
Methylcyclohexane
Concen: 46.750 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

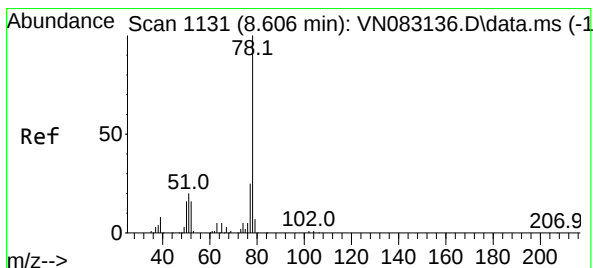
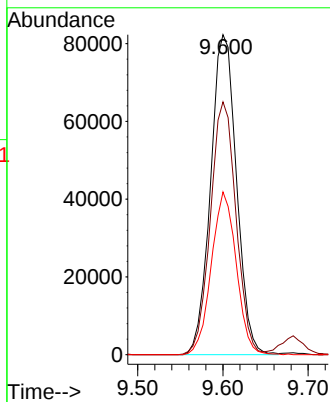
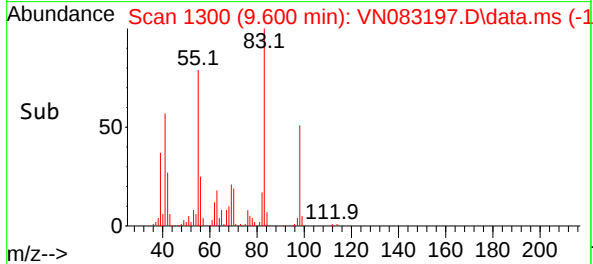
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 173960
Ion Ratio Lower Upper
83 100
55 79.0 66.4 99.6
98 50.9 40.7 61.1

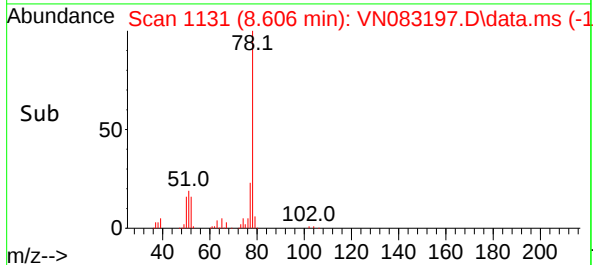
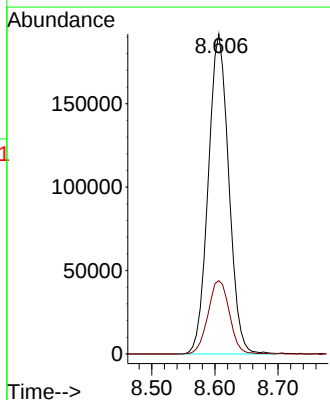
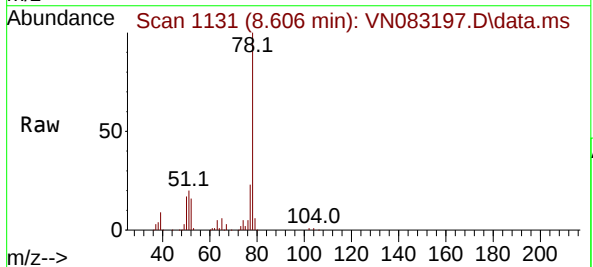
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#40
Benzene
Concen: 47.915 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

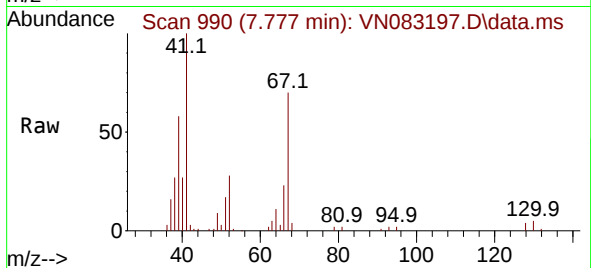
Tgt Ion: 78 Resp: 432436
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4





#41
Methacrylonitrile
Concen: 43.992 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

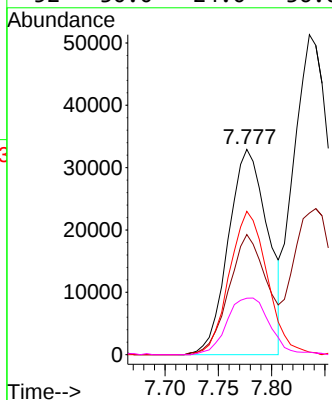
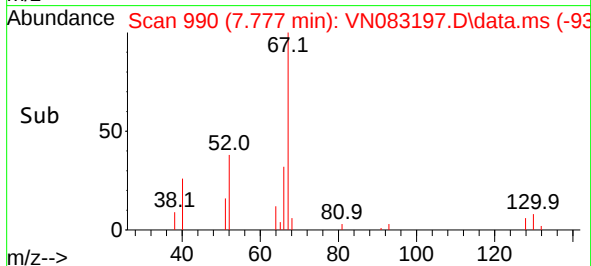
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



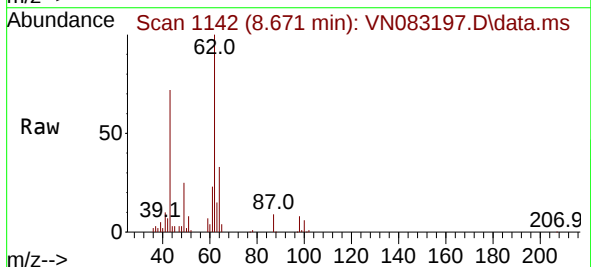
Tgt Ion: 41 Resp: 8484
Ion Ratio Lower Upper
41 100
39 56.8 45.5 68.3
67 67.2 50.5 75.7
52 30.0 24.0 36.0

Manual Integrations
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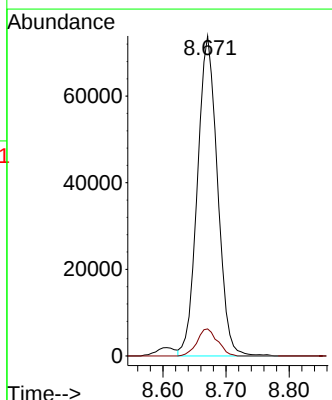
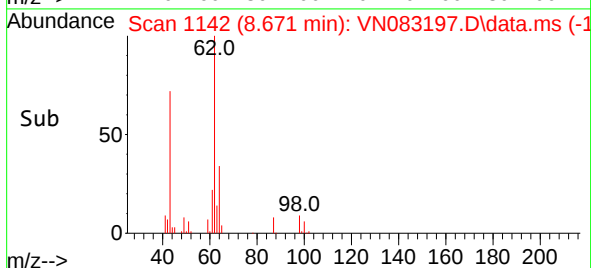
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#42
1,2-Dichloroethane
Concen: 49.615 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46



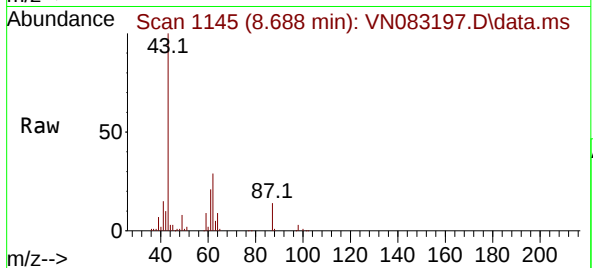
Tgt Ion: 62 Resp: 163117
Ion Ratio Lower Upper
62 100
98 8.6 0.0 15.8





#43
Isopropyl Acetate
Concen: 43.999 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

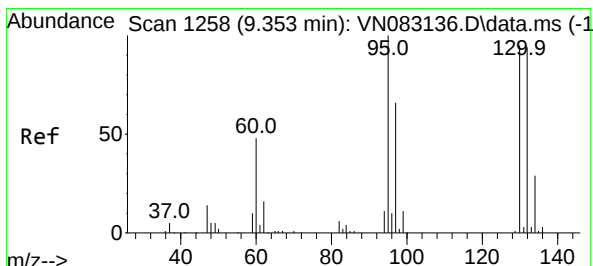
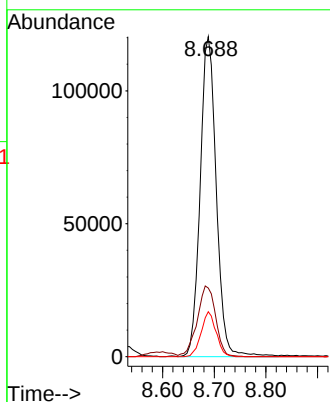
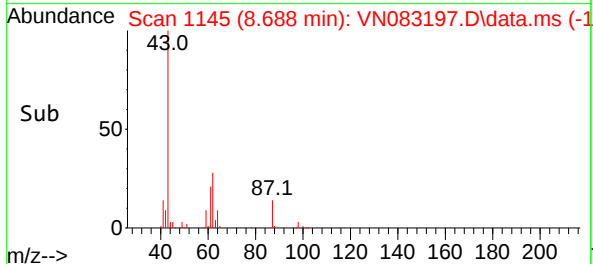
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



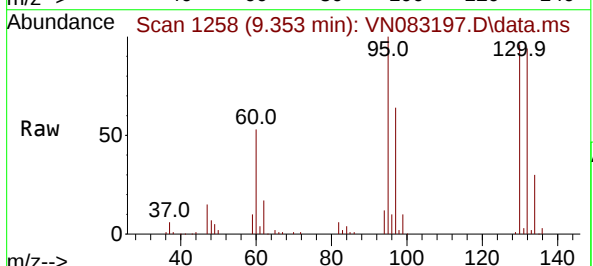
Tgt Ion: 43 Resp: 261070
Ion Ratio Lower Upper
43 100
61 25.3 17.8 26.6
87 13.0 8.2 12.2

Manual Integrations
APPROVED

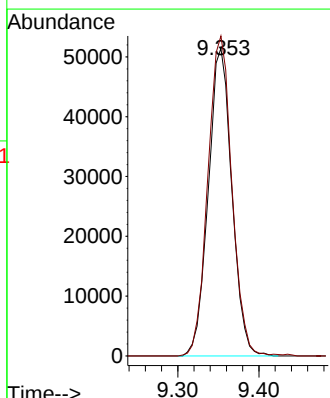
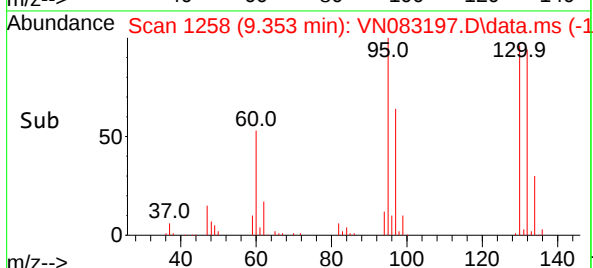
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

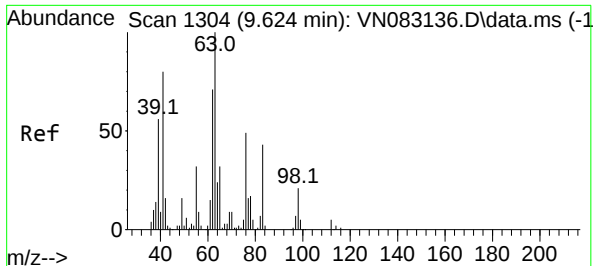


#44
Trichloroethene
Concen: 48.199 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46



Tgt Ion:130 Resp: 103538
Ion Ratio Lower Upper
130 100
95 104.0 0.0 197.8





#45

1,2-Dichloropropane

Concen: 48.825 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN083197.D

Acq: 10 Aug 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 10459

Ion Ratio Lower Upper

63 100

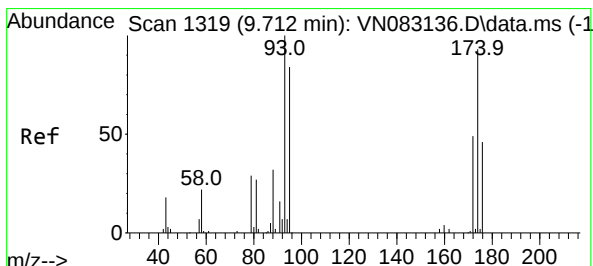
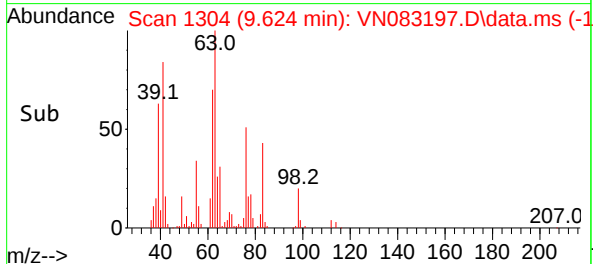
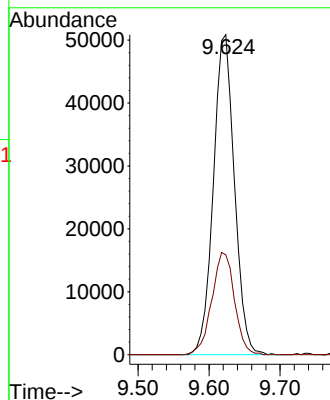
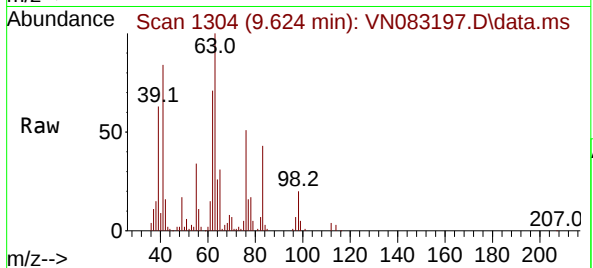
65 31.2 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2024

Supervised By :Mahesh Dadoda 08/12/2024



#46

Dibromomethane

Concen: 49.042 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN083197.D

Acq: 10 Aug 2024 10:46

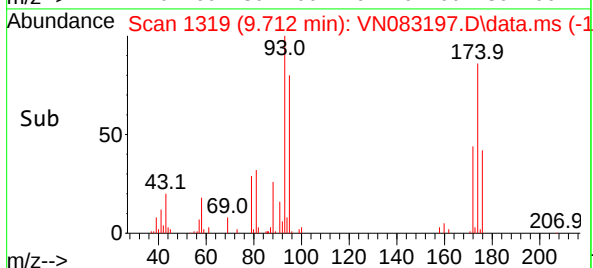
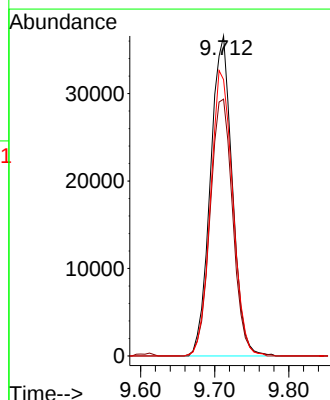
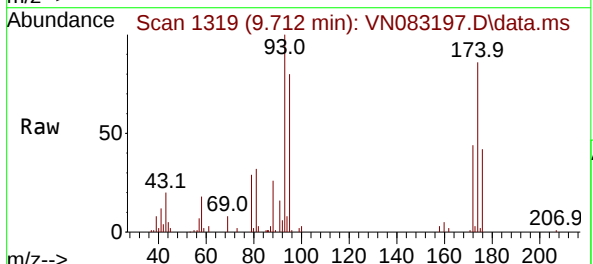
Tgt Ion: 93 Resp: 75201

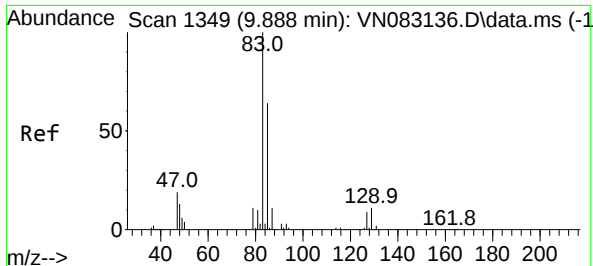
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.6

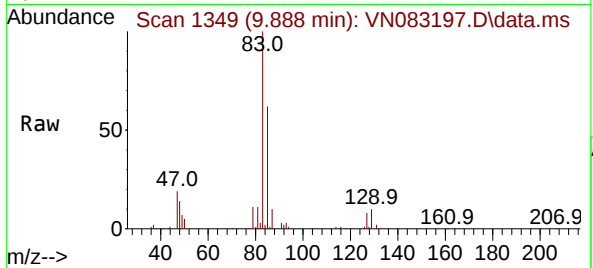
174 90.2 71.7 107.5





#47
Bromodichloromethane
Concen: 48.534 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

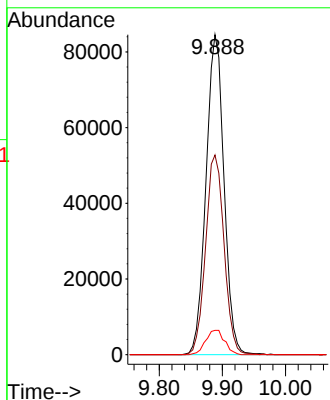
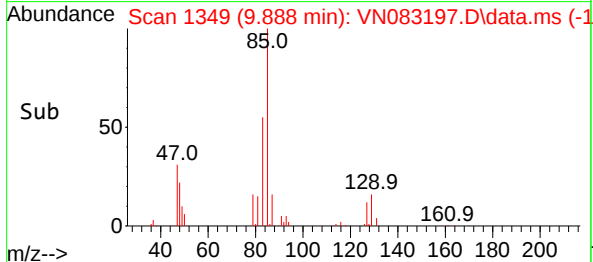
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



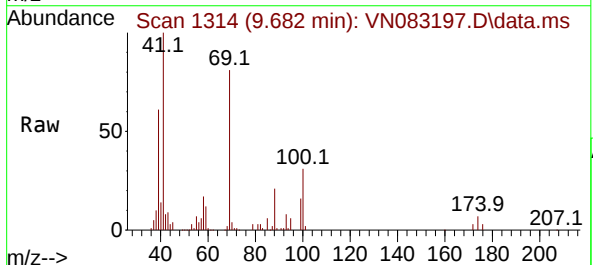
Tgt Ion: 83 Resp: 16710
Ion Ratio Lower Upper
83 100
85 62.4 51.1 76.7
127 7.6 7.2 10.8

Manual Integrations
APPROVED

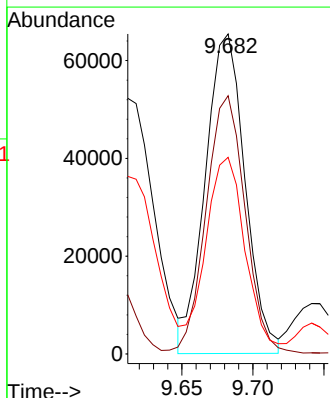
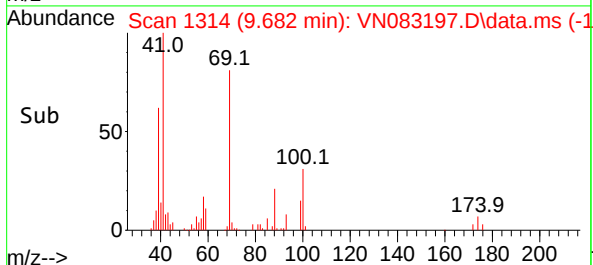
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

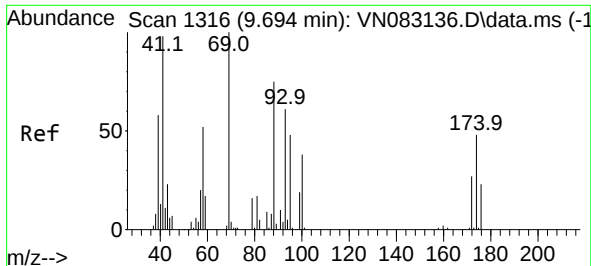


#48
Methyl methacrylate
Concen: 45.268 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46



Tgt Ion: 41 Resp: 126948
Ion Ratio Lower Upper
41 100
69 80.6 56.3 84.5
39 62.3 50.3 75.5





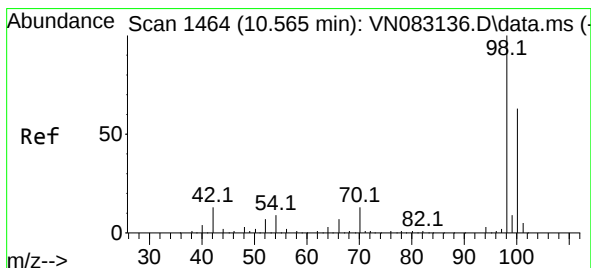
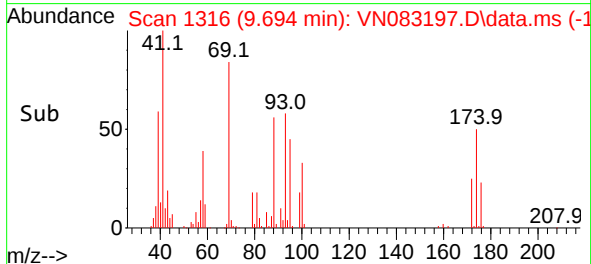
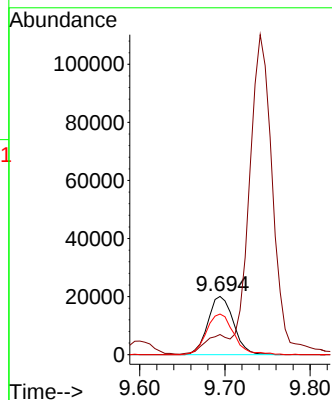
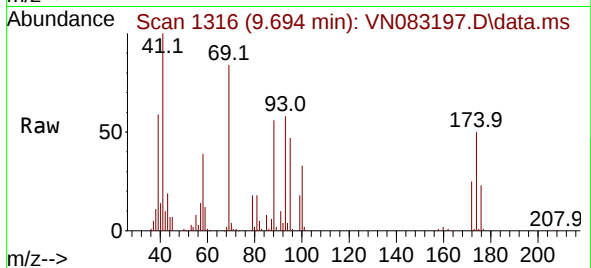
#49
1,4-Dioxane
Concen: 827.792 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 4188
Ion Ratio Lower Upper
88 100
43 31.7 27.8 41.8
58 74.8 59.4 89.0

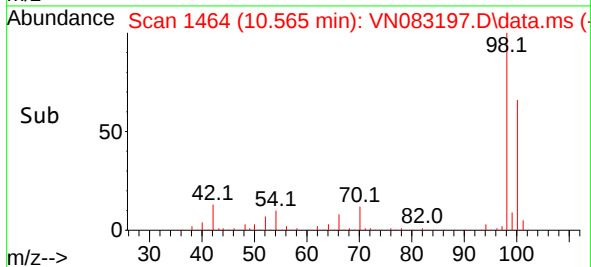
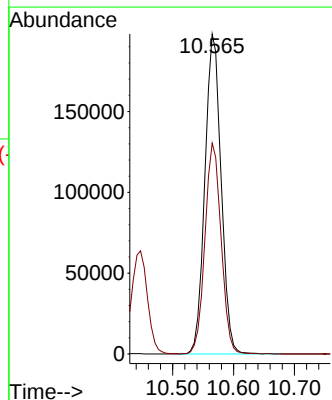
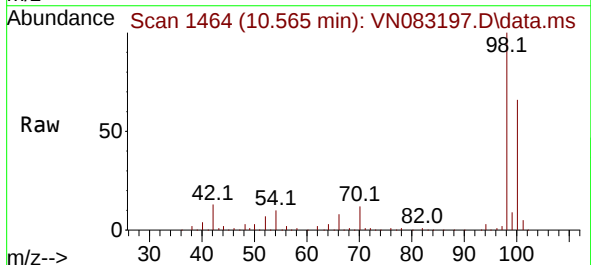
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#50
Toluene-d8
Concen: 49.024 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

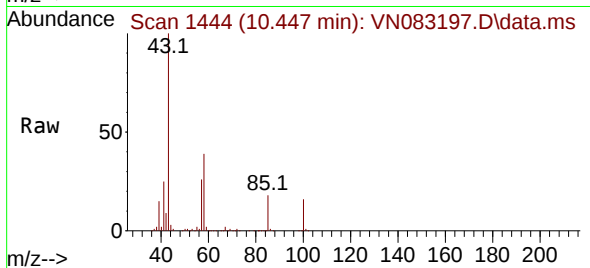
Tgt Ion: 98 Resp: 366237
Ion Ratio Lower Upper
98 100
100 65.7 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 230.946 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

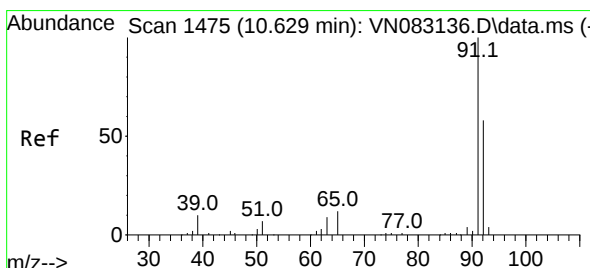
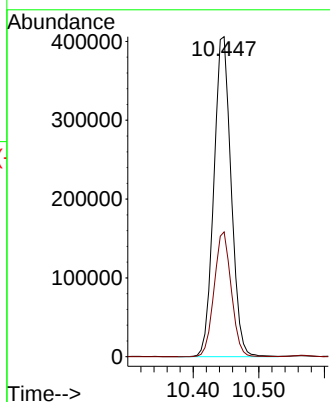
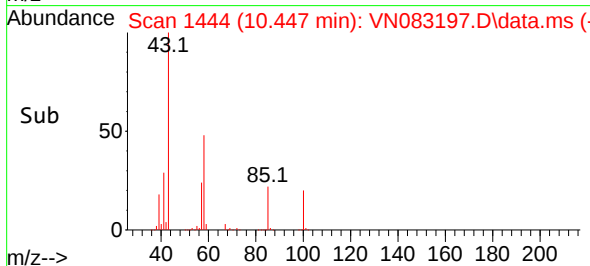
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 740795
Ion Ratio Lower Upper
43 100
58 38.7 28.2 42.4

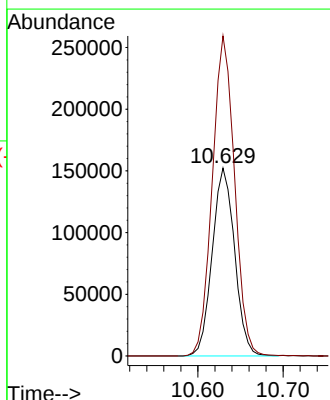
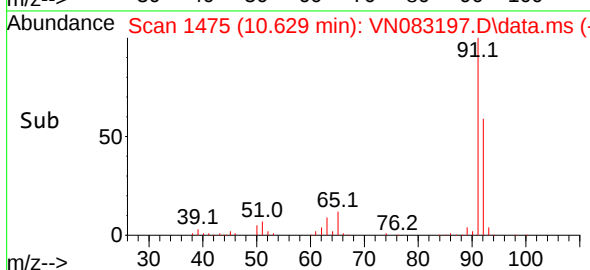
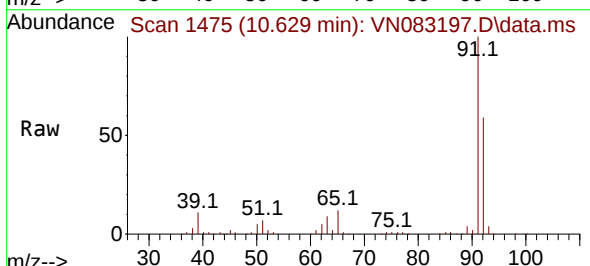
Manual Integrations
APPROVED

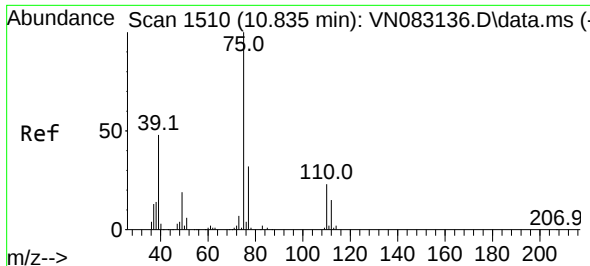
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#52
Toluene
Concen: 48.819 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

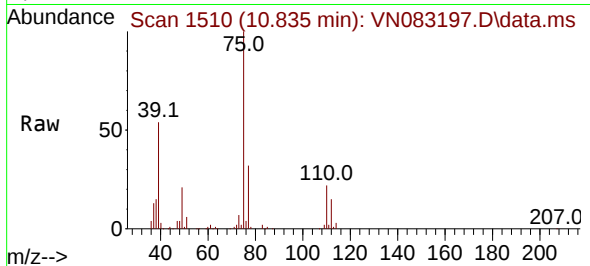
Tgt Ion: 92 Resp: 278386
Ion Ratio Lower Upper
92 100
91 169.8 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 49.432 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

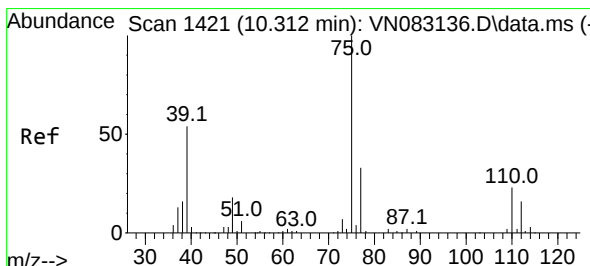
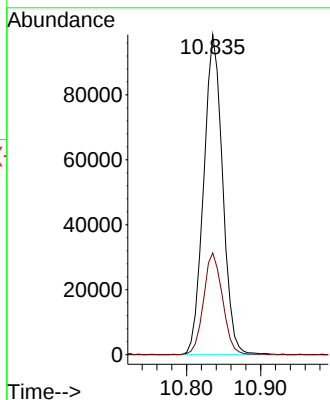
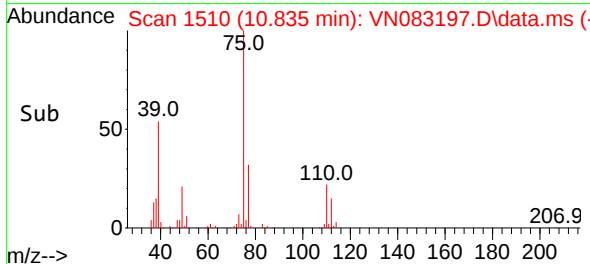
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 174824
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5

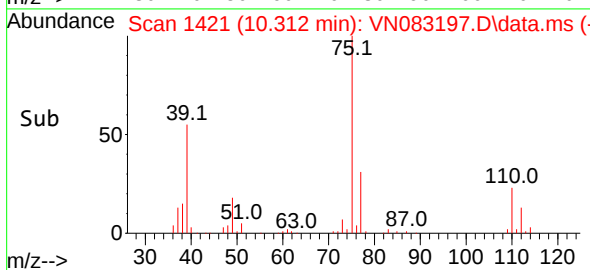
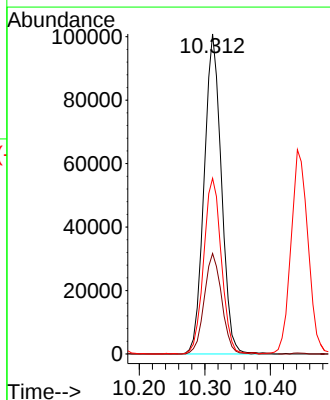
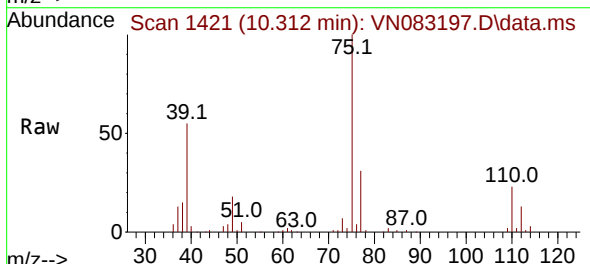
Manual Integrations
APPROVED

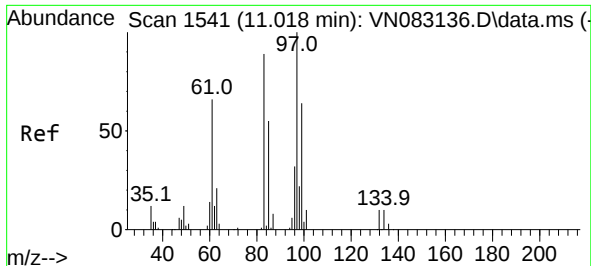
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#54
cis-1,3-Dichloropropene
Concen: 49.003 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

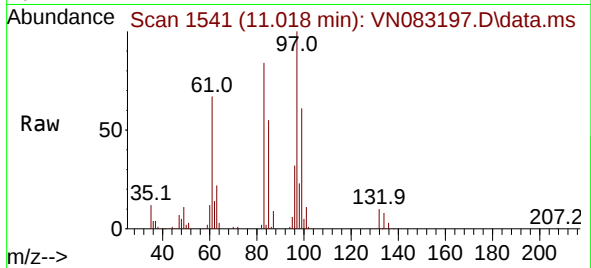
Tgt Ion: 75 Resp: 184336
Ion Ratio Lower Upper
75 100
77 31.4 24.3 36.5
39 54.9 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 49.523 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

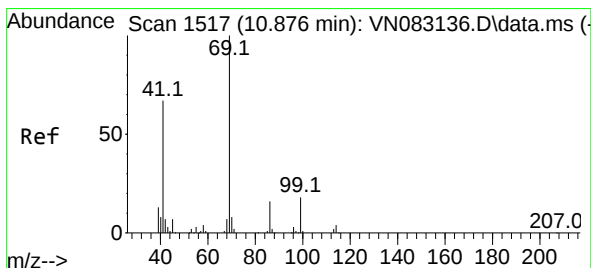
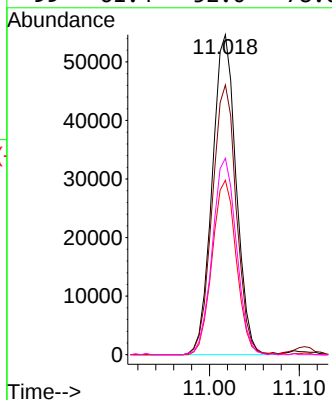
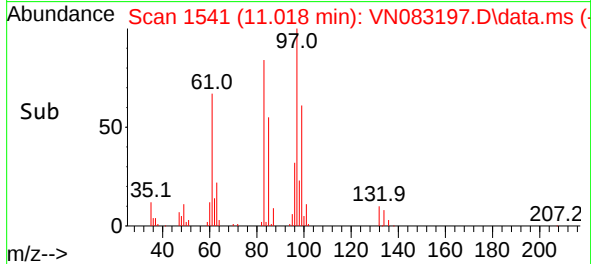
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 10120
Ion Ratio Lower Upper
97 100
83 84.3 71.4 107.0
85 54.5 45.8 68.6
99 61.4 52.0 78.0

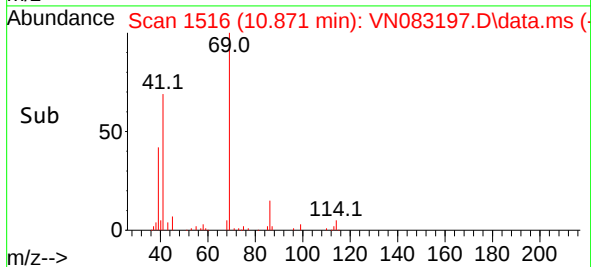
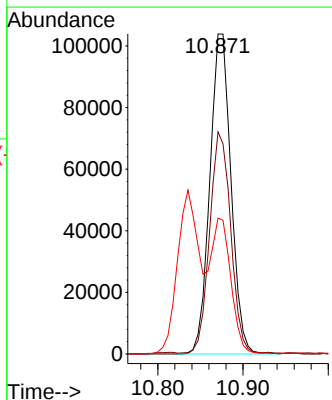
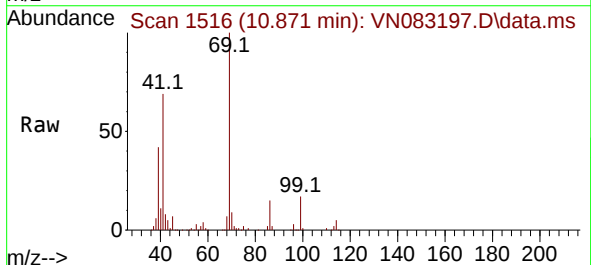
Manual Integrations
APPROVED

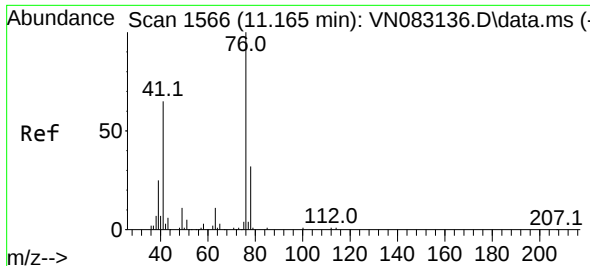
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#56
Ethyl methacrylate
Concen: 46.507 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

Tgt Ion: 69 Resp: 179166
Ion Ratio Lower Upper
69 100
41 68.6 63.4 95.2
39 36.6 37.4 56.0#





#57

1,3-Dichloropropane

Concen: 49.438 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN083197.D

Acq: 10 Aug 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 18007

Ion Ratio Lower Upper

76 100

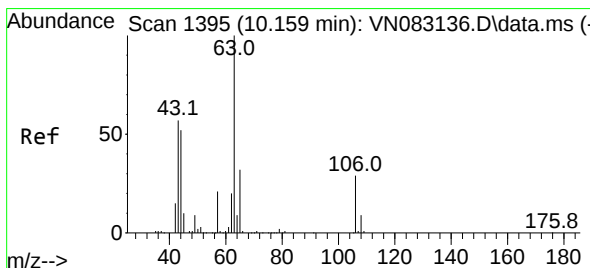
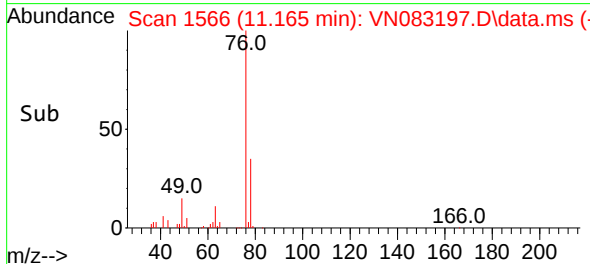
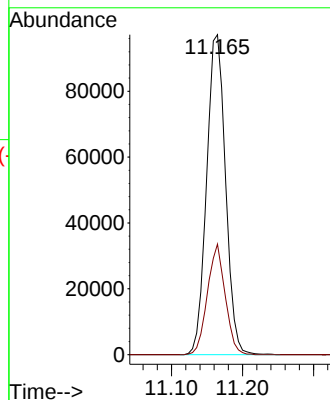
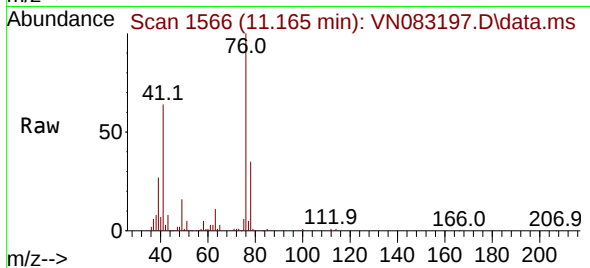
78 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2024

Supervised By :Mahesh Dadoda 08/12/2024



#58

2-Chloroethyl Vinyl ether

Concen: 220.686 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083197.D

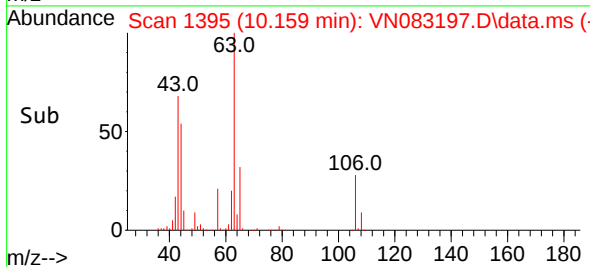
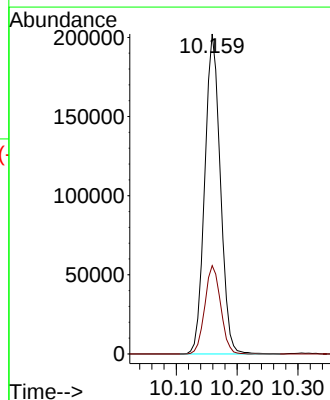
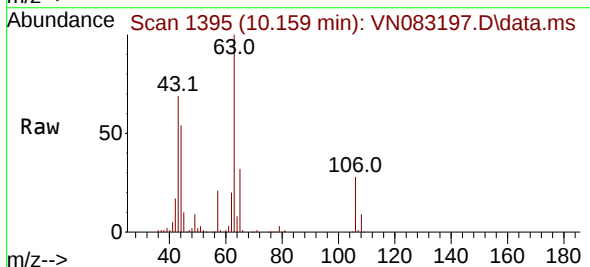
Acq: 10 Aug 2024 10:46

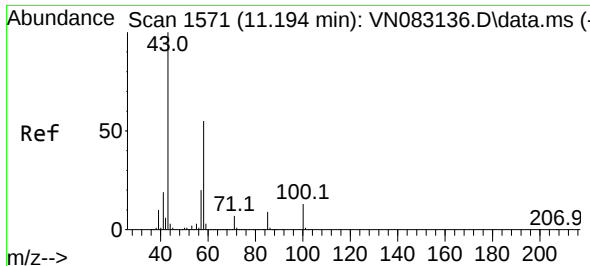
Tgt Ion: 63 Resp: 359375

Ion Ratio Lower Upper

63 100

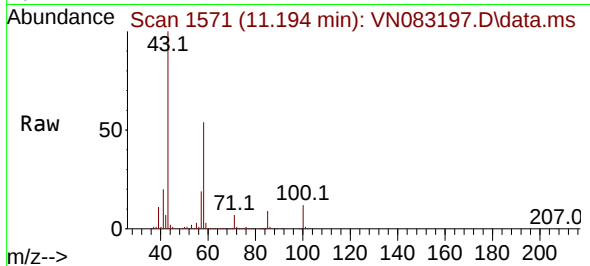
106 28.0 21.4 32.0





#59
2-Hexanone
Concen: 230.402 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

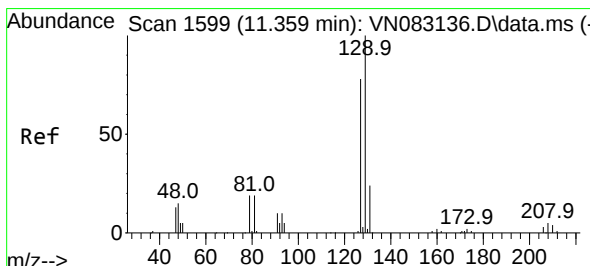
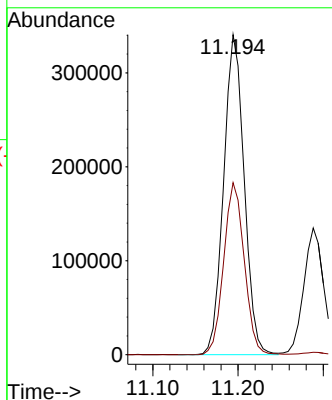
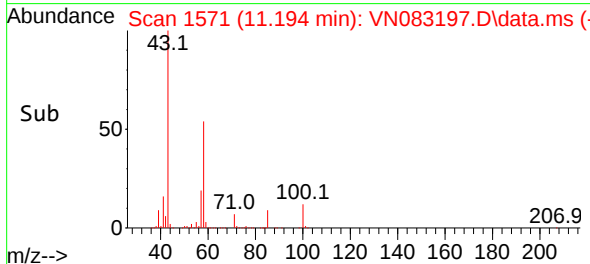
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 57175
Ion Ratio Lower Upper
43 100
58 53.7 24.6 73.8

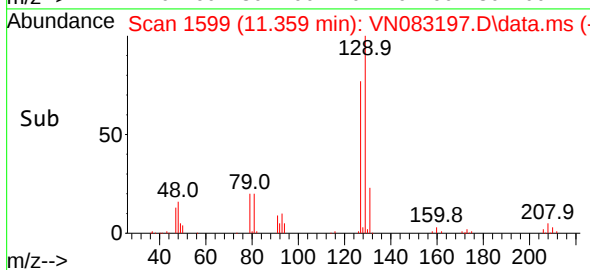
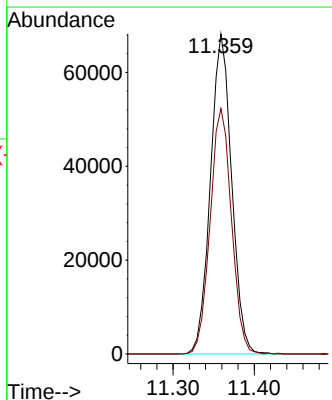
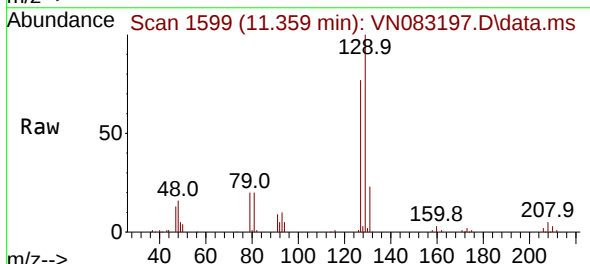
Manual Integrations
APPROVED

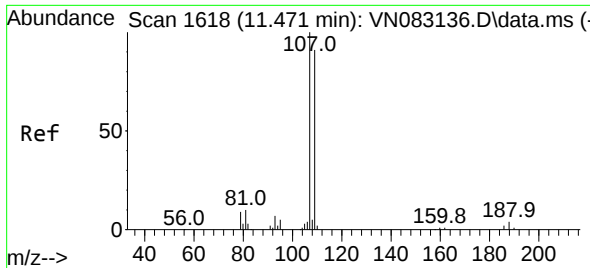
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#60
Dibromochloromethane
Concen: 50.067 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

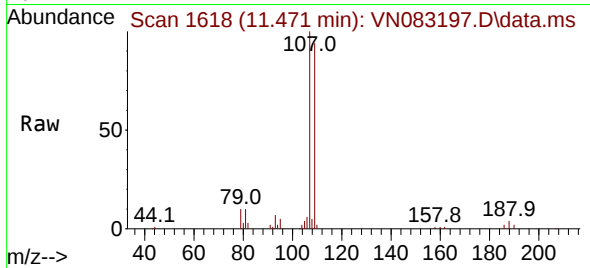
Tgt Ion:129 Resp: 123702
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6





#61
1,2-Dibromoethane
Concen: 47.605 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

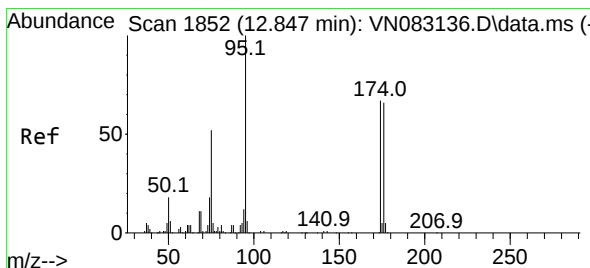
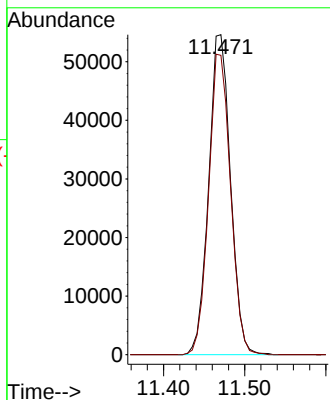
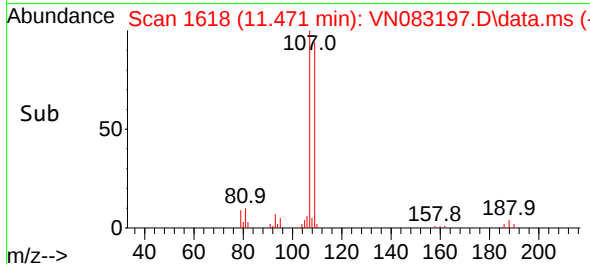
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 102197
Ion Ratio Lower Upper
107 100
109 94.1 73.7 110.5

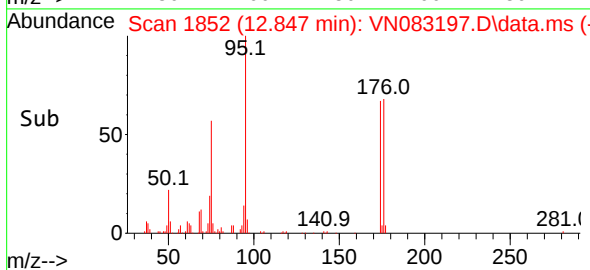
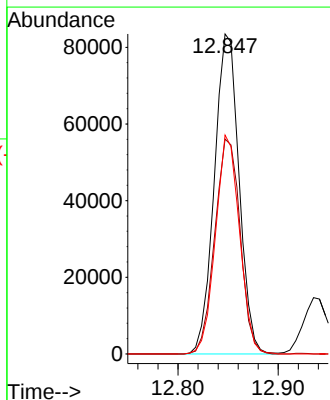
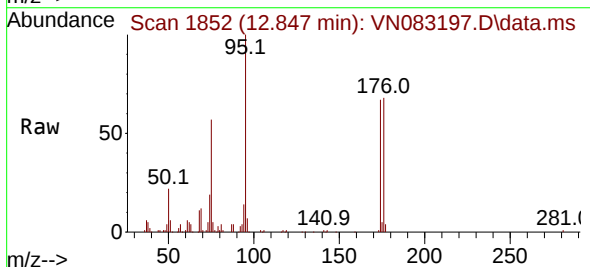
Manual Integrations
APPROVED

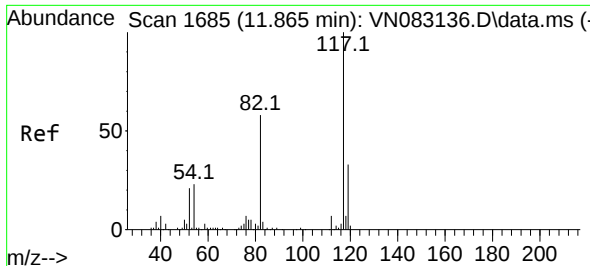
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#62
4-Bromofluorobenzene
Concen: 49.137 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

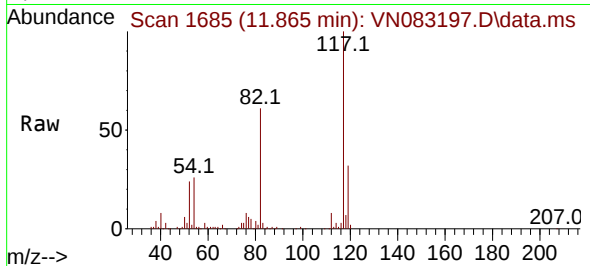
Tgt Ion: 95 Resp: 143110
Ion Ratio Lower Upper
95 100
174 68.6 0.0 159.2
176 66.5 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

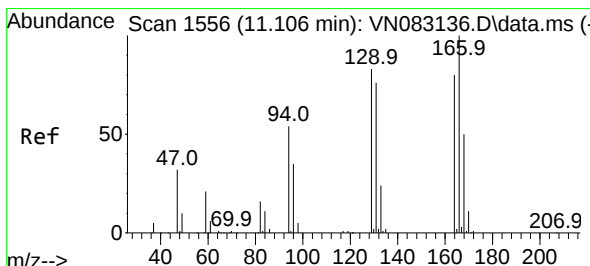
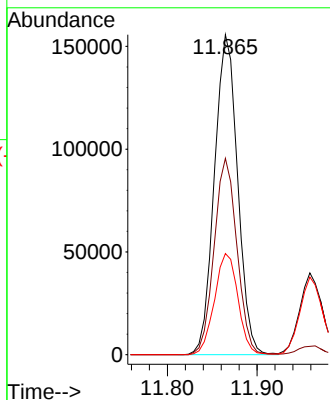
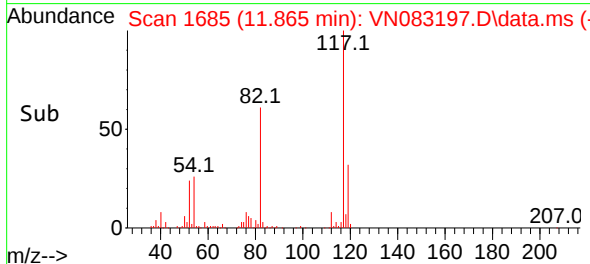
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



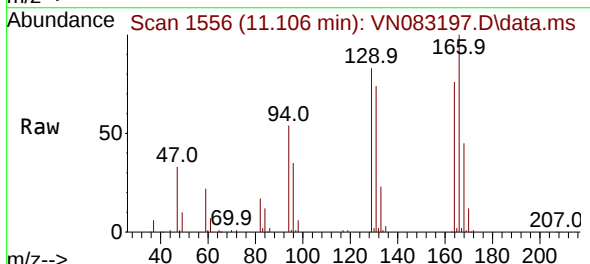
Tgt Ion:117 Resp: 279650
Ion Ratio Lower Upper
117 100
82 61.4 47.5 71.3
119 31.6 25.6 38.4

Manual Integrations
APPROVED

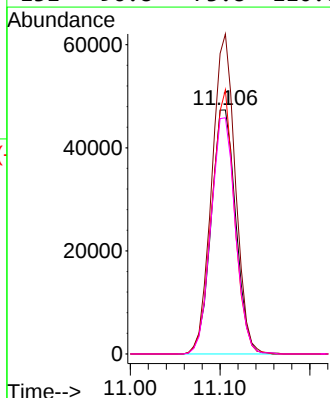
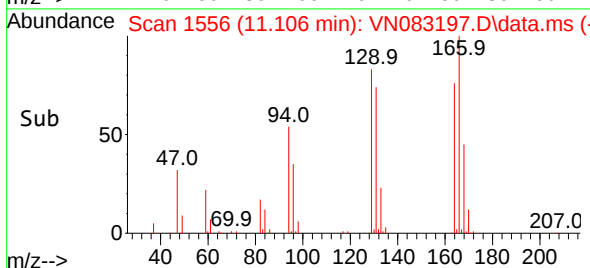
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

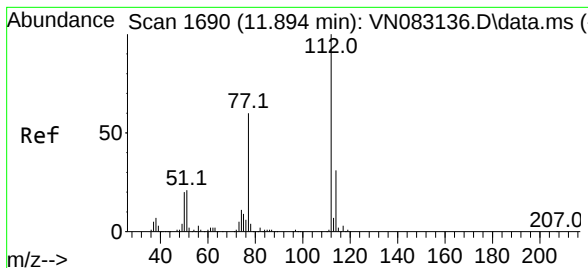


#64
Tetrachloroethene
Concen: 48.451 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46



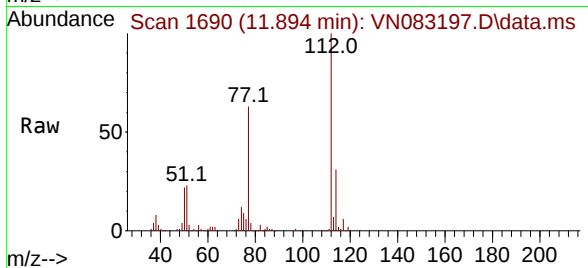
Tgt Ion:164 Resp: 89735
Ion Ratio Lower Upper
164 100
166 131.2 101.4 152.0
129 108.2 75.7 113.5
131 96.8 73.8 110.6





#65
Chlorobenzene
Concen: 48.035 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

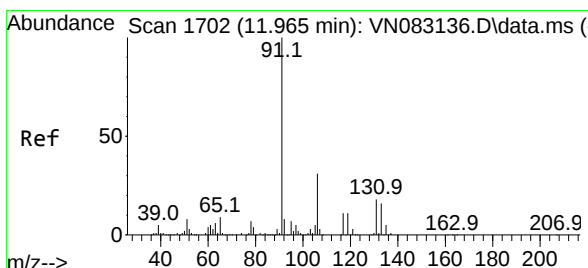
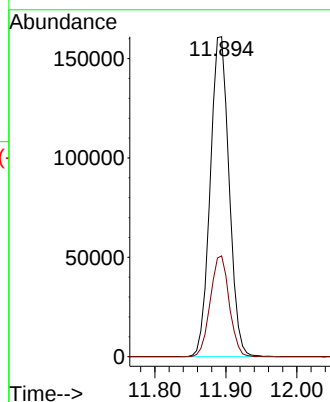
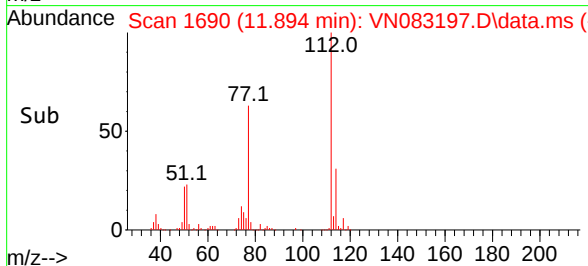
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



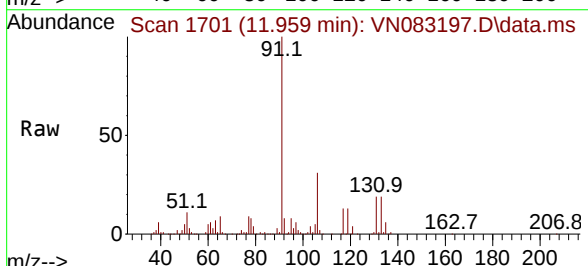
Tgt Ion:112 Resp: 29686
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2

Manual Integrations
APPROVED

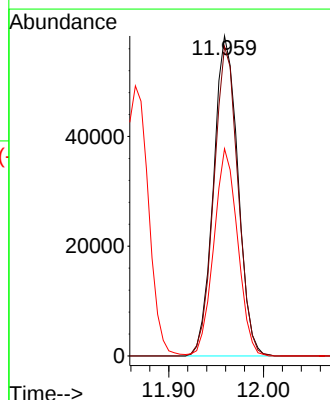
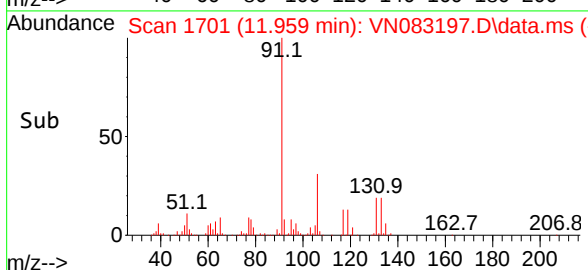
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 47.941 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46



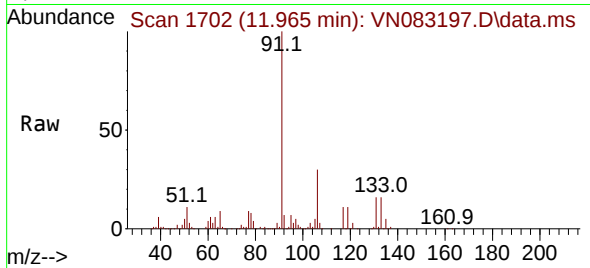
Tgt Ion:131 Resp: 104493
Ion Ratio Lower Upper
131 100
133 95.5 47.3 142.0
119 63.2 32.5 97.4





#67
Ethyl Benzene
Concen: 48.454 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

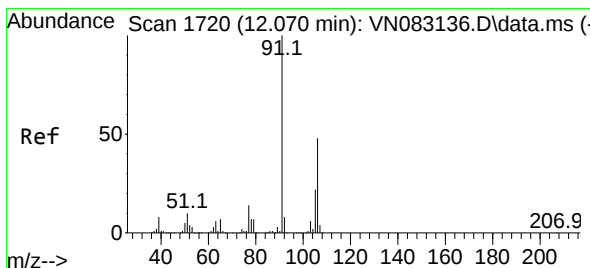
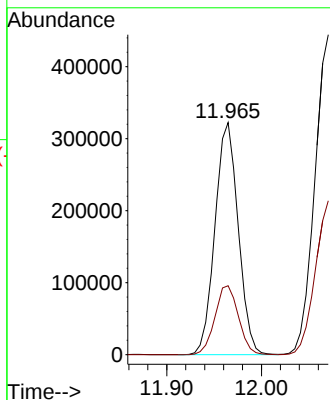
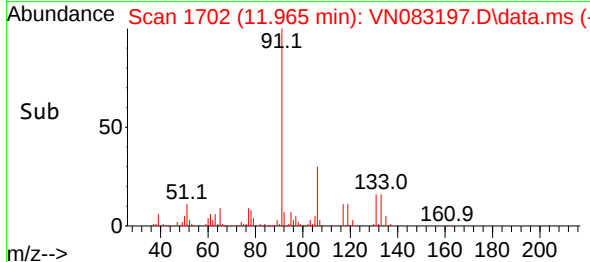
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



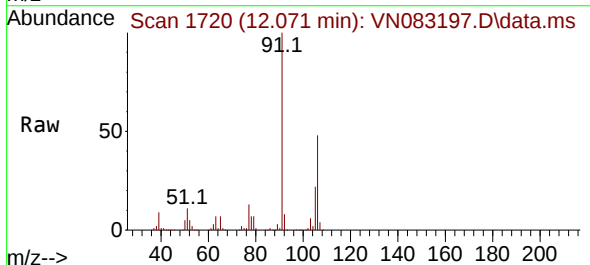
Tgt Ion: 91 Resp: 549334
Ion Ratio Lower Upper
91 100
106 29.7 24.0 36.0

Manual Integrations
APPROVED

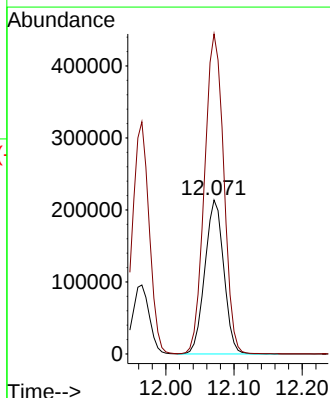
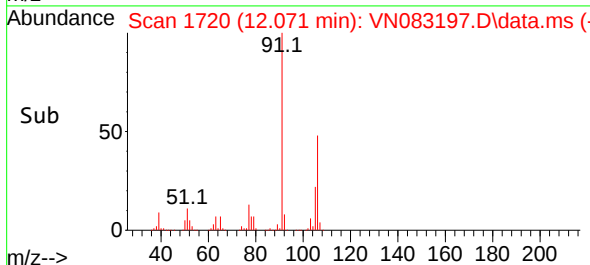
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

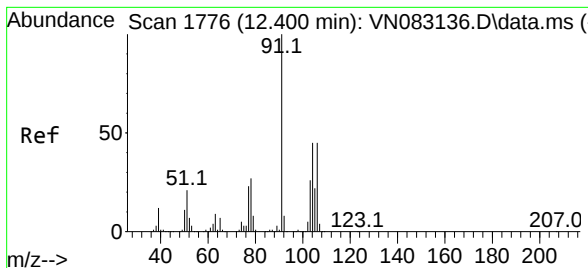


#68
m/p-Xylenes
Concen: 97.000 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46



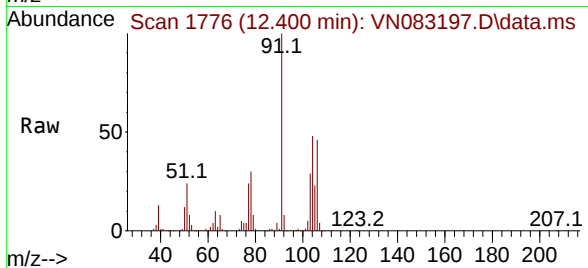
Tgt Ion:106 Resp: 411939
Ion Ratio Lower Upper
106 100
91 211.7 166.1 249.1





#69
o-Xylene
Concen: 47.242 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

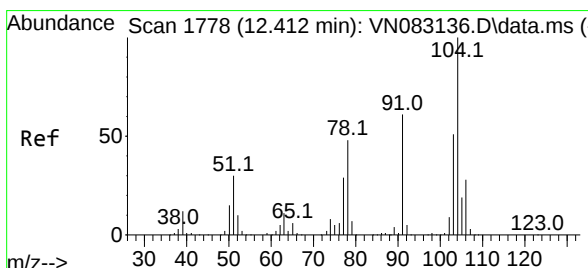
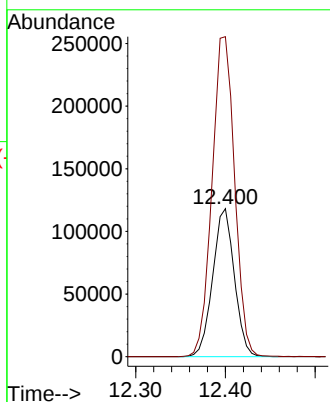
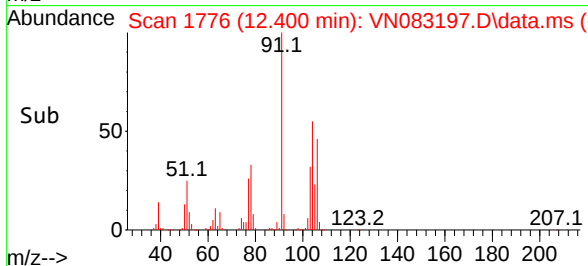
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 19787
Ion Ratio Lower Upper
106 100
91 226.0 111.3 333.9

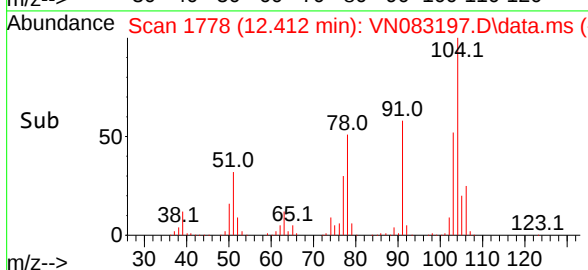
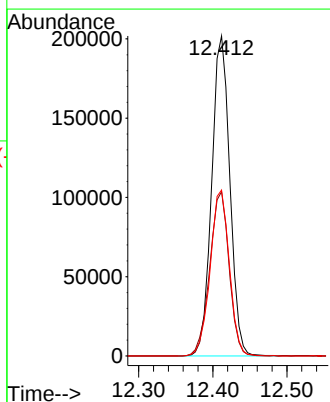
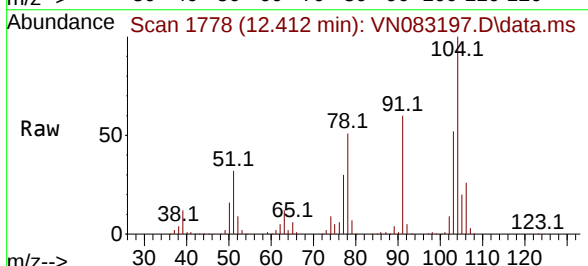
Manual Integrations
APPROVED

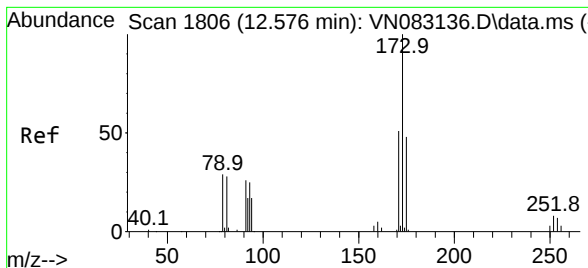
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#70
Styrene
Concen: 48.856 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

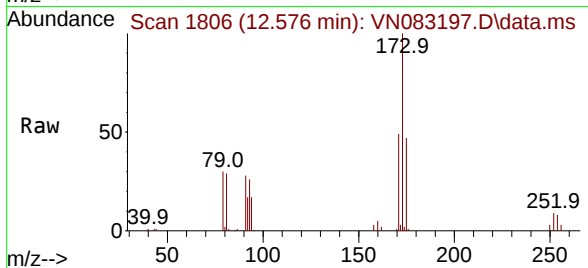
Tgt Ion:104 Resp: 343690
Ion Ratio Lower Upper
104 100
78 54.7 41.6 62.4
103 54.6 44.0 66.0





#71
Bromoform
Concen: 48.302 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

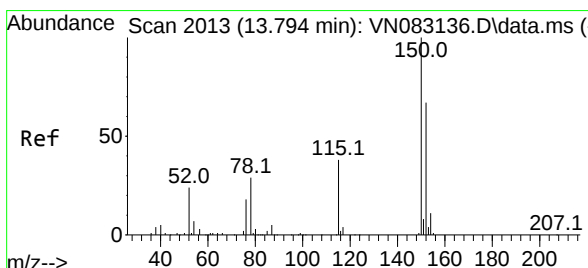
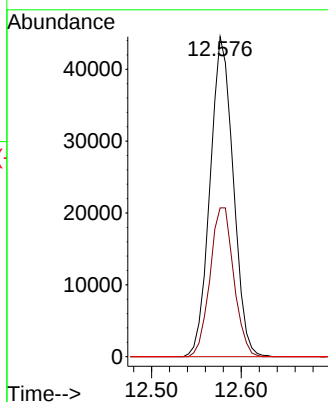
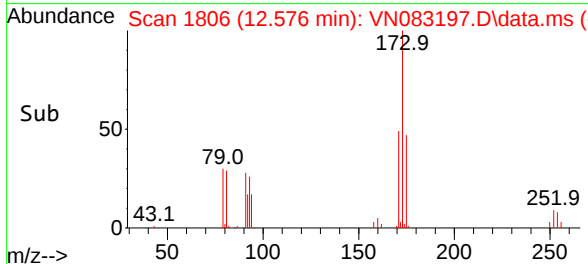
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



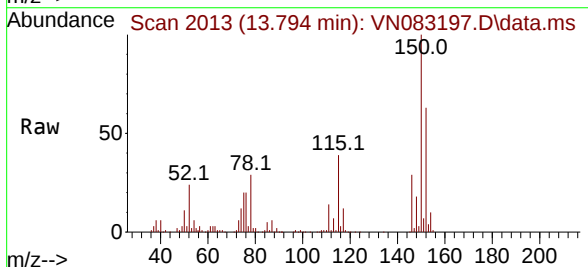
Tgt Ion:173 Resp: 79750
Ion Ratio Lower Upper
173 100
175 47.8 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

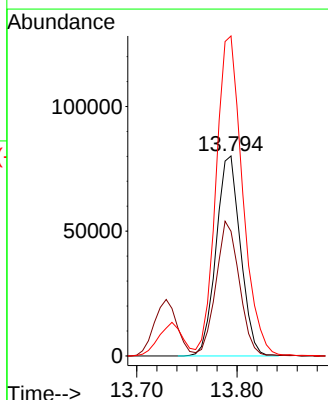
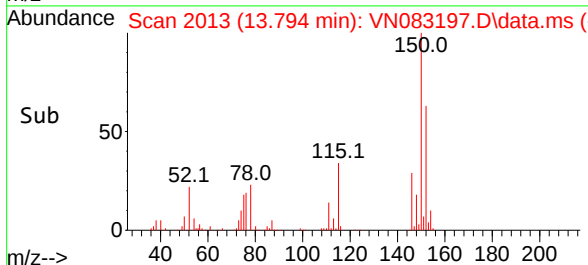
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

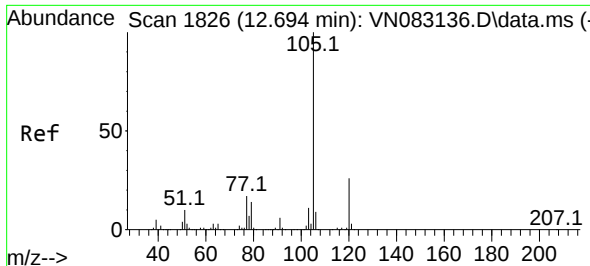


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46



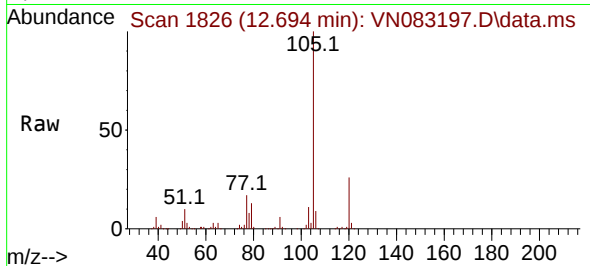
Tgt Ion:152 Resp: 135305
Ion Ratio Lower Upper
152 100
115 64.8 30.6 91.6
150 174.2 0.0 348.6





#73
Isopropylbenzene
Concen: 47.051 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

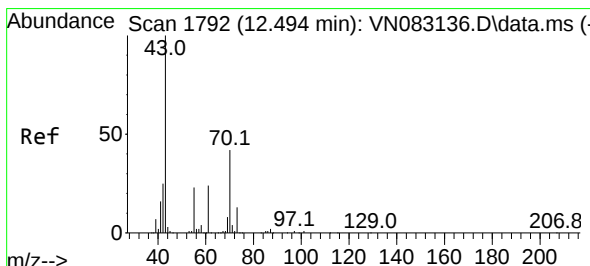
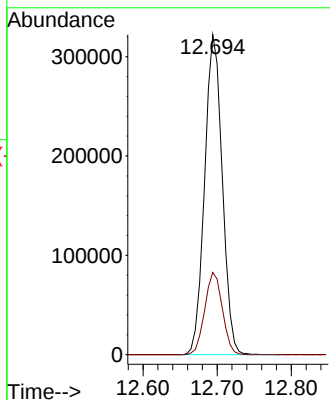
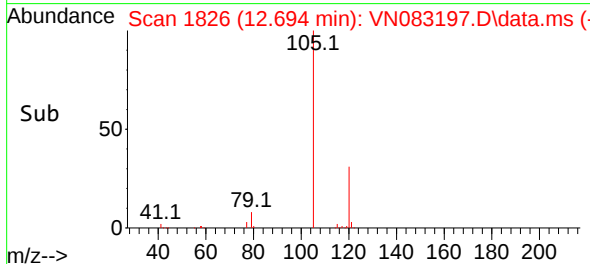
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



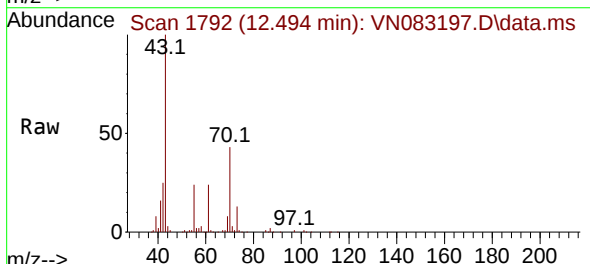
Tgt Ion:105 Resp: 532490
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

Manual Integrations
APPROVED

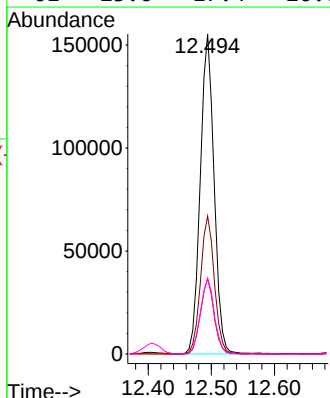
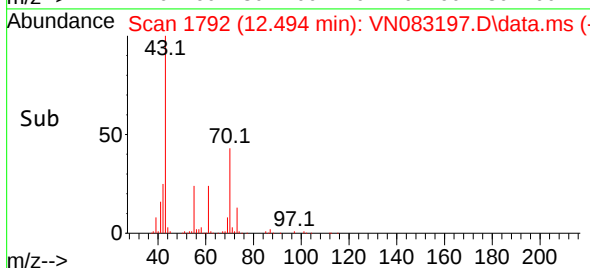
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

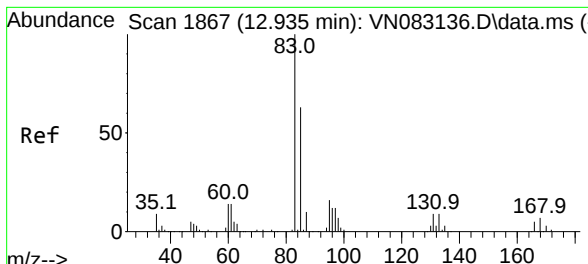


#74
N-ethyl acetate
Concen: 42.736 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46



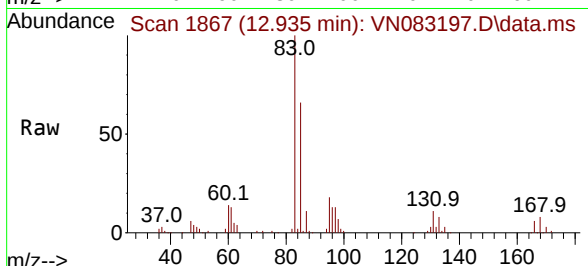
Tgt Ion: 43 Resp: 236574
Ion Ratio Lower Upper
43 100
70 43.2 29.8 44.6
55 23.0 18.7 28.1
61 23.6 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 44.329 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

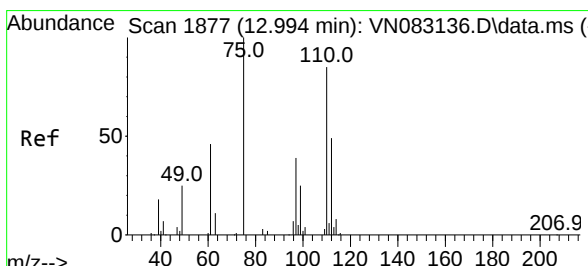
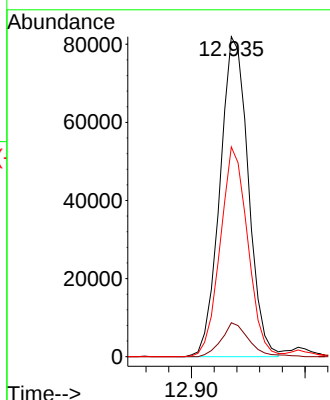
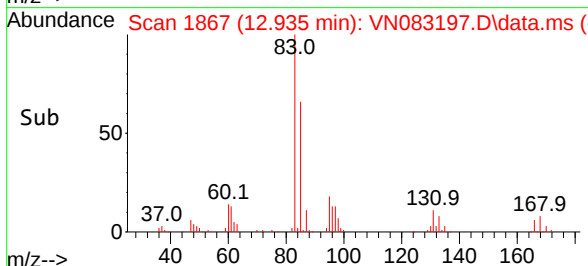
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 14189
Ion Ratio Lower Upper
83 100
131 10.4 5.0 14.9
85 63.9 31.9 95.7

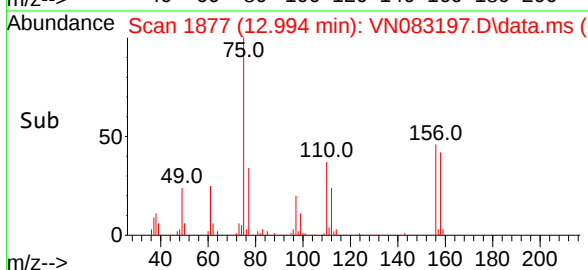
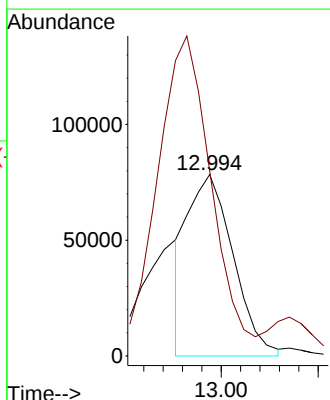
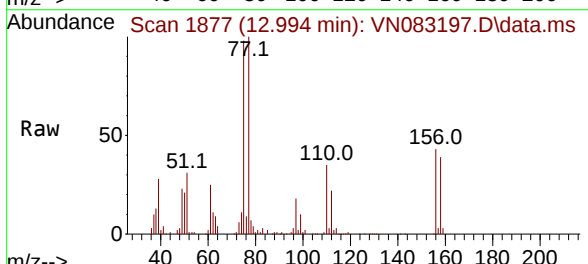
Manual Integrations
APPROVED

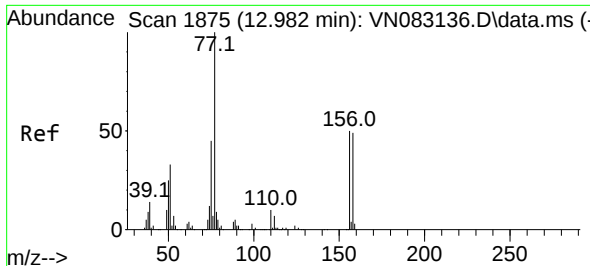
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#76
1,2,3-Trichloropropane
Concen: 43.162 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

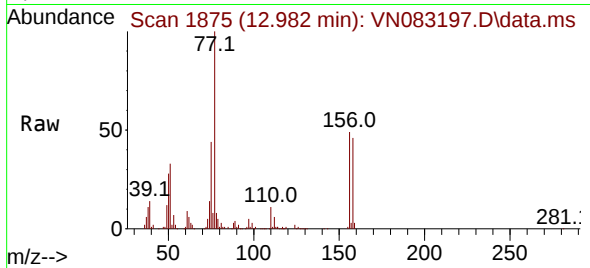
Tgt Ion: 75 Resp: 128173
Ion Ratio Lower Upper
75 100
77 210.2 110.9 332.6





#77
Bromobenzene
Concen: 47.231 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

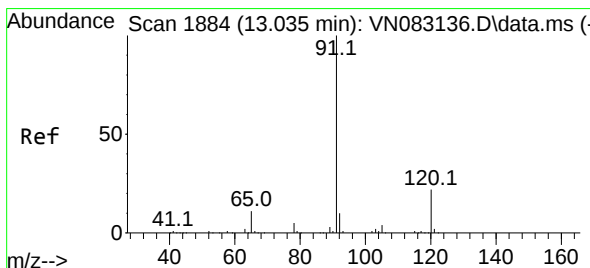
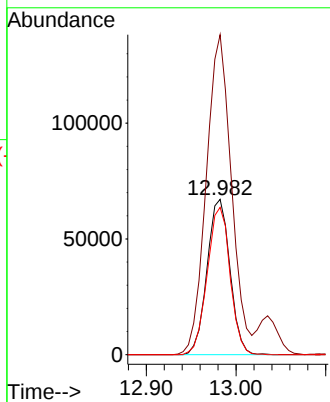
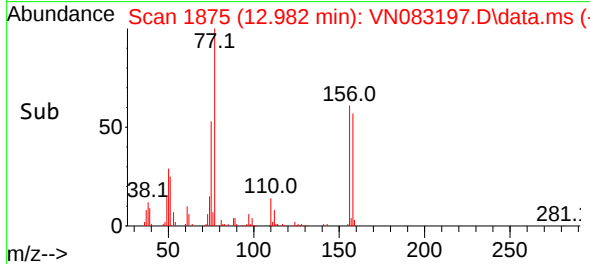
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 118739
Ion Ratio Lower Upper
156 100
77 226.9 111.3 333.8
158 94.8 48.3 144.9

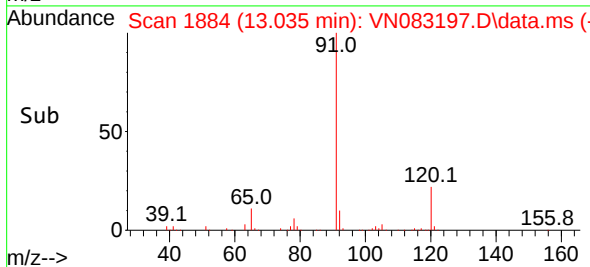
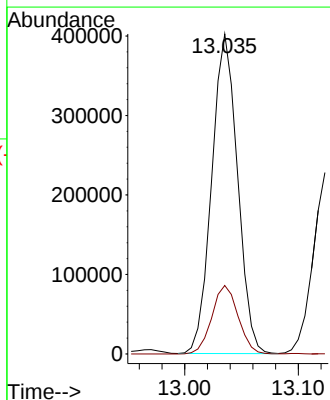
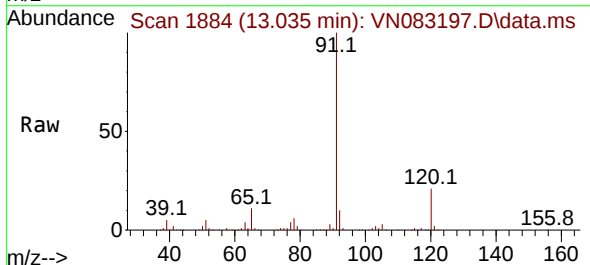
Manual Integrations
APPROVED

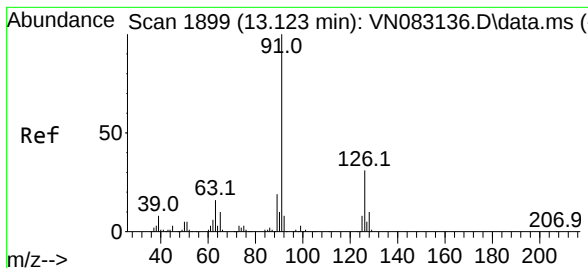
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#78
n-propylbenzene
Concen: 48.649 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

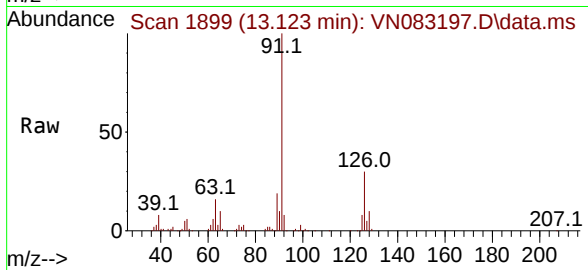
Tgt Ion: 91 Resp: 633975
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.9





#79
2-Chlorotoluene
Concen: 46.954 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

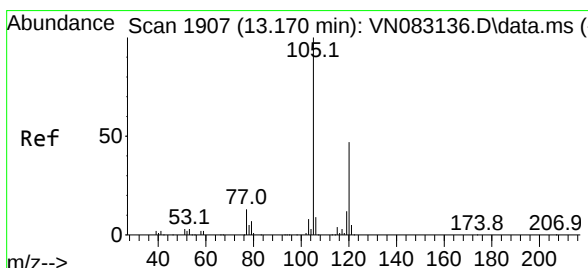
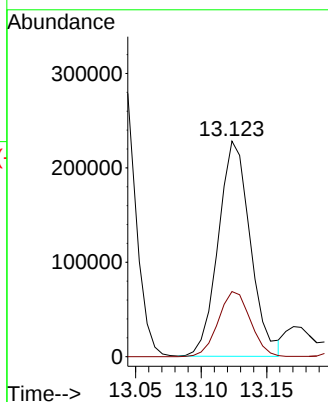
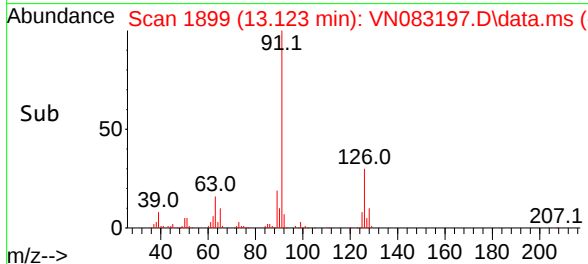
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



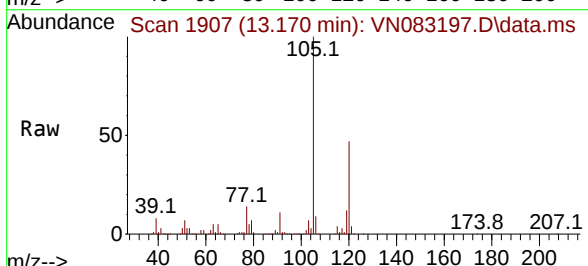
Tgt Ion: 91 Resp: 387930
Ion Ratio Lower Upper
91 100
126 30.4 16.2 48.6

Manual Integrations
APPROVED

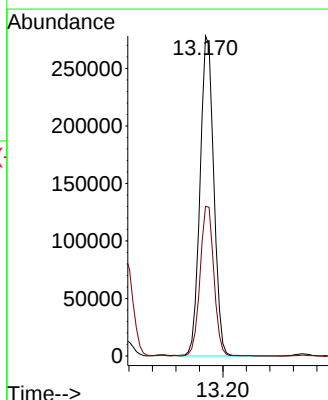
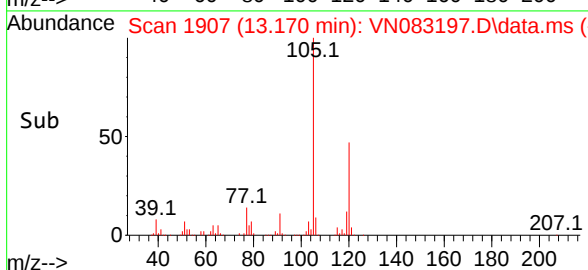
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

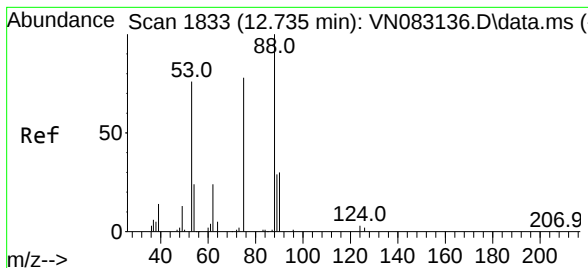


#80
1,3,5-Trimethylbenzene
Concen: 47.576 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46



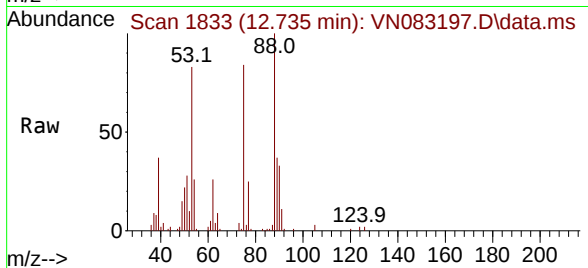
Tgt Ion:105 Resp: 450777
Ion Ratio Lower Upper
105 100
120 47.1 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 41.447 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

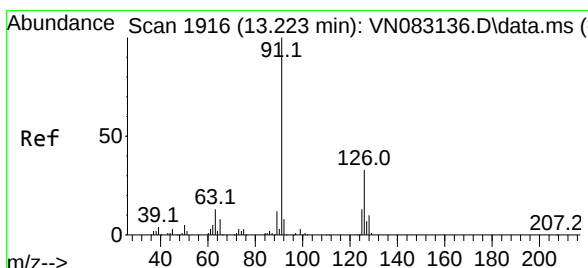
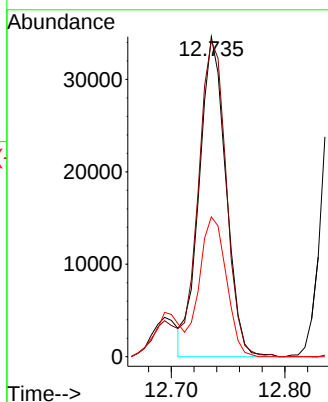
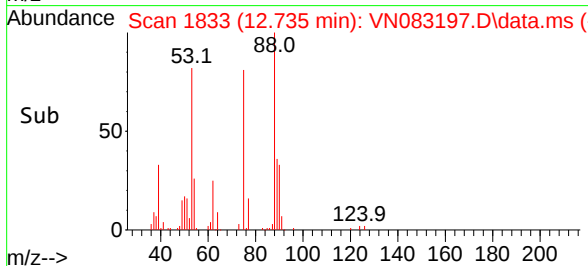
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



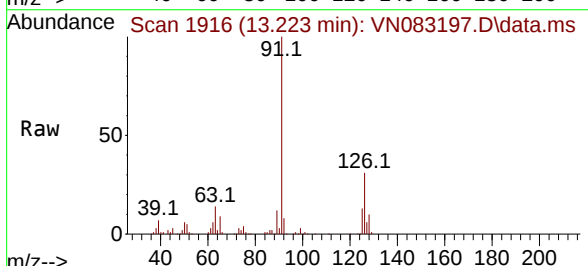
Tgt Ion: 75 Resp: 5658
Ion Ratio Lower Upper
75 100
53 102.7 88.4 132.6
89 43.8 36.3 54.5

Manual Integrations
APPROVED

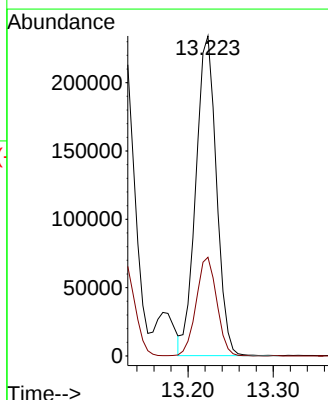
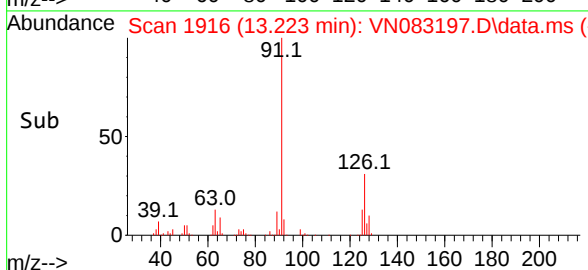
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#82
4-Chlorotoluene
Concen: 47.321 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46



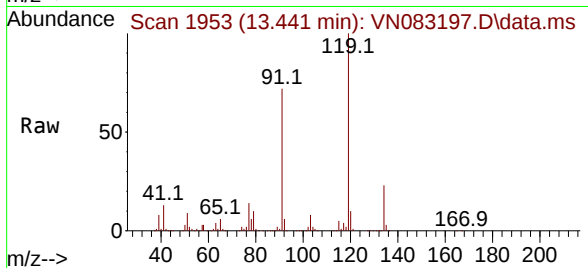
Tgt Ion: 91 Resp: 392168
Ion Ratio Lower Upper
91 100
126 31.0 16.2 48.6





#83
tert-Butylbenzene
Concen: 47.039 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

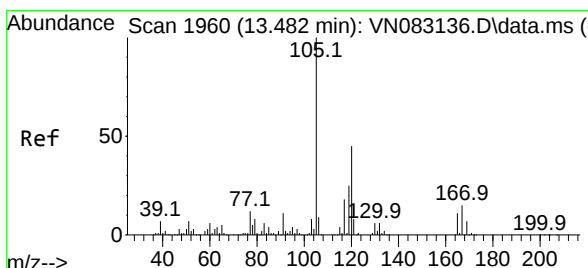
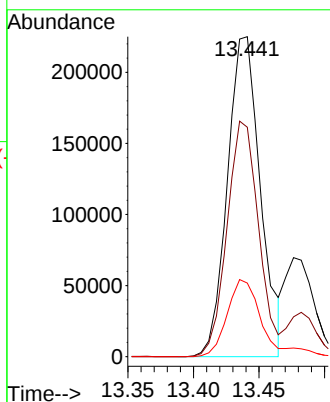
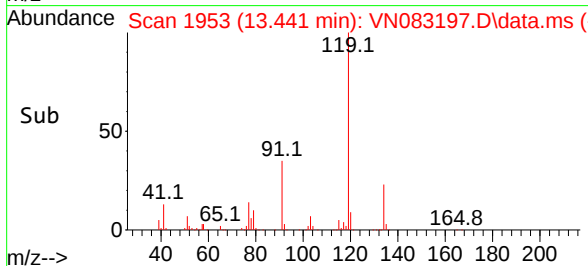
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



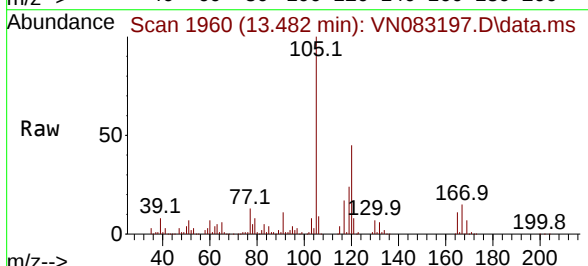
Tgt Ion:119 Resp: 394700
Ion Ratio Lower Upper
119 100
91 70.5 35.0 105.1
134 25.6 13.3 39.8

Manual Integrations
APPROVED

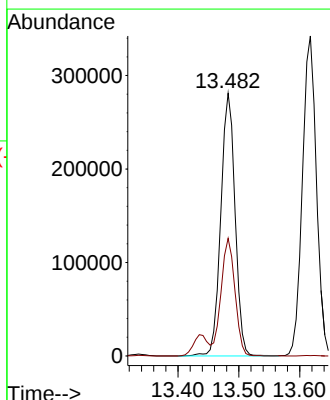
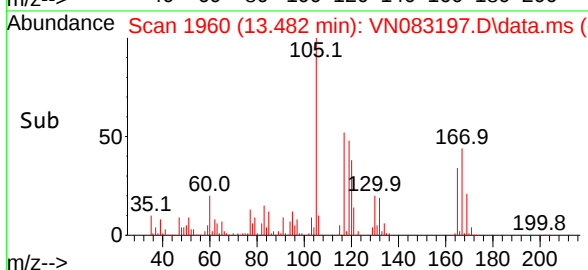
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

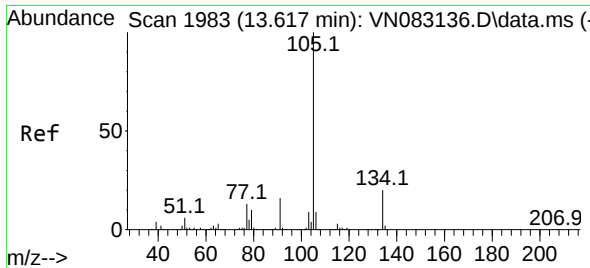


#84
1,2,4-Trimethylbenzene
Concen: 47.870 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46



Tgt Ion:105 Resp: 457094
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.8





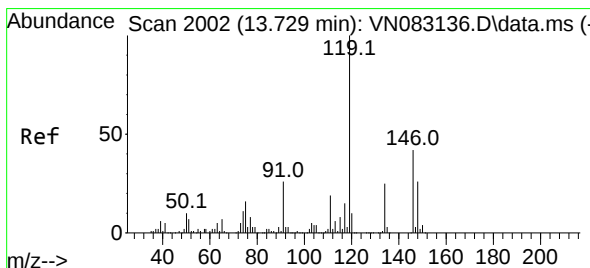
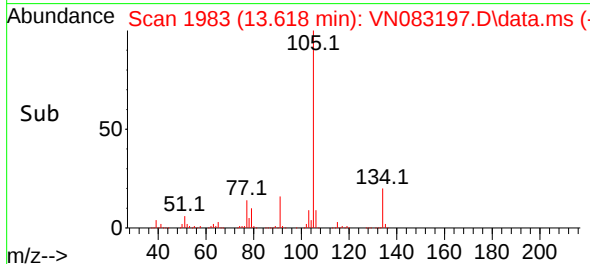
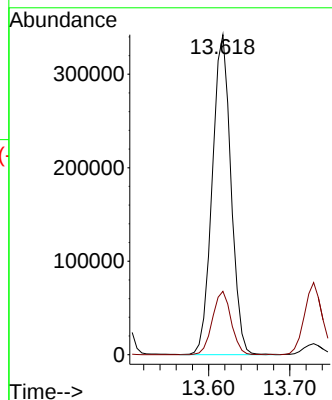
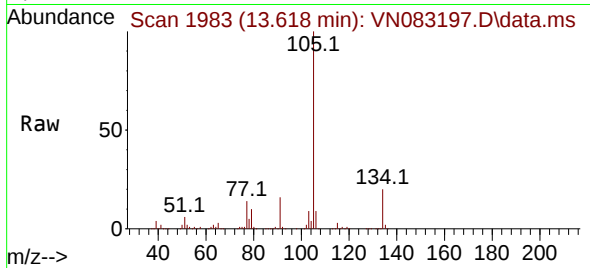
#85
 sec-Butylbenzene
 Concen: 47.840 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083197.D
 Acq: 10 Aug 2024 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 547739
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

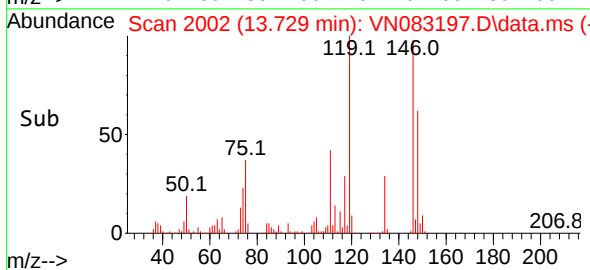
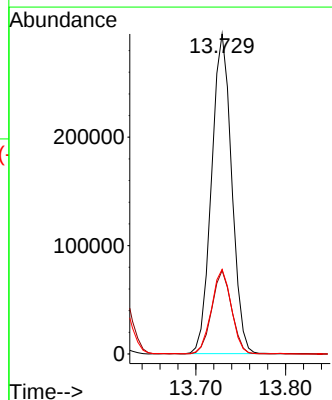
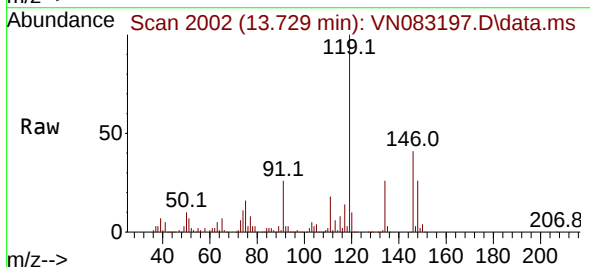
Manual Integrations
 APPROVED

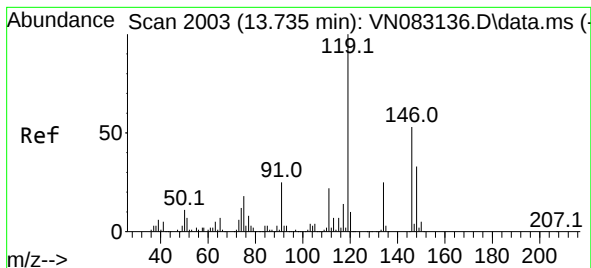
Reviewed By :John Carlone 08/12/2024
 Supervised By :Mahesh Dadoda 08/12/2024



#86
 p-Isopropyltoluene
 Concen: 48.538 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083197.D
 Acq: 10 Aug 2024 10:46

Tgt Ion:119 Resp: 458855
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 25.9 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 46.212 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN083197.D

Acq: 10 Aug 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 218609

Ion Ratio Lower Upper

146 100

111 43.7 20.6 61.9

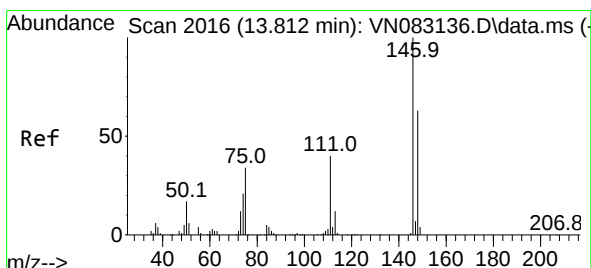
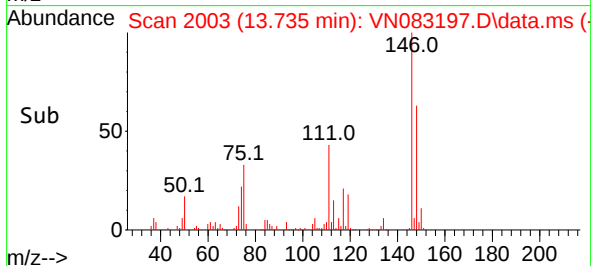
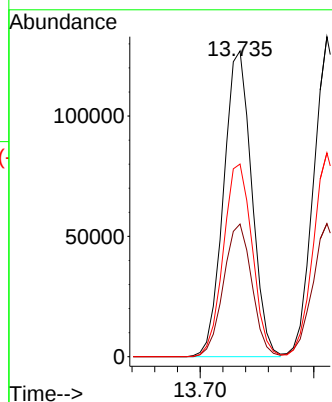
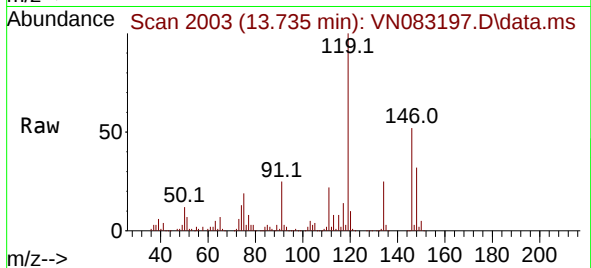
148 64.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2024

Supervised By :Mahesh Dadoda 08/12/2024



#88

1,4-Dichlorobenzene

Concen: 46.710 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN083197.D

Acq: 10 Aug 2024 10:46

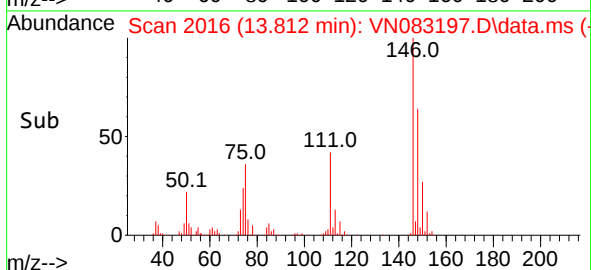
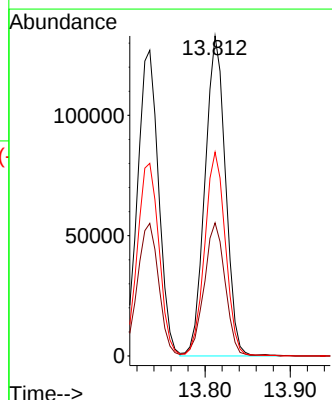
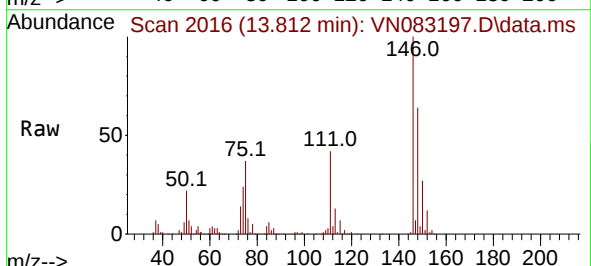
Tgt Ion:146 Resp: 222764

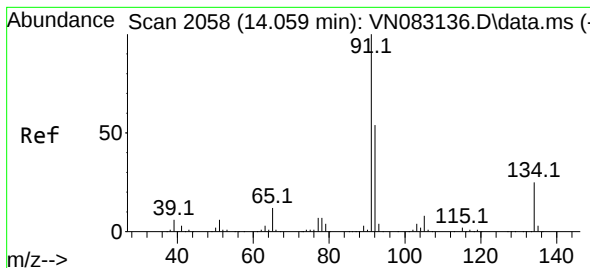
Ion Ratio Lower Upper

146 100

111 42.0 20.1 60.3

148 64.1 32.2 96.6





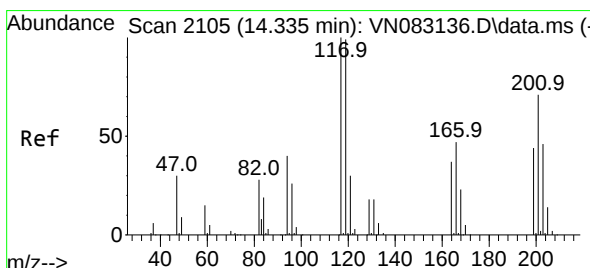
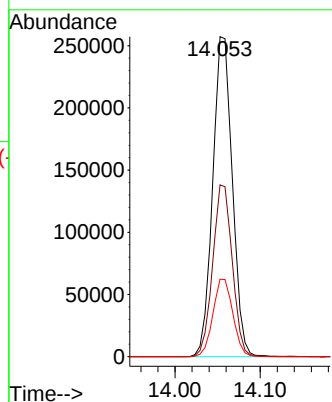
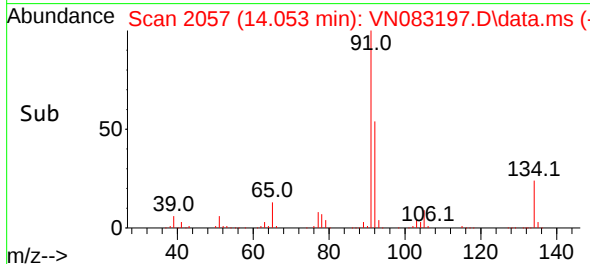
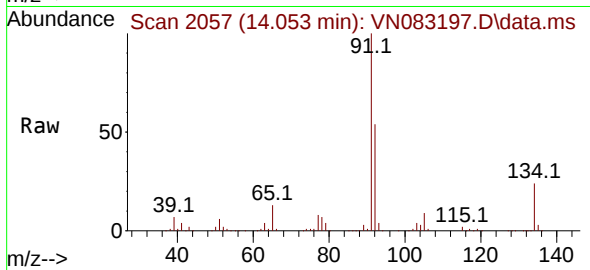
#89
n-Butylbenzene
Concen: 50.228 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 411430
Ion Ratio Lower Upper
91 100
92 53.6 26.1 78.3
134 24.6 12.1 36.3

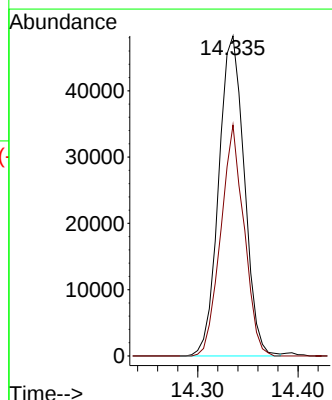
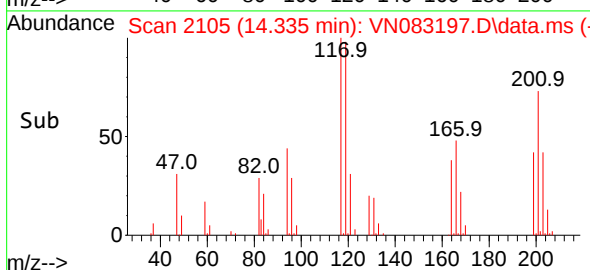
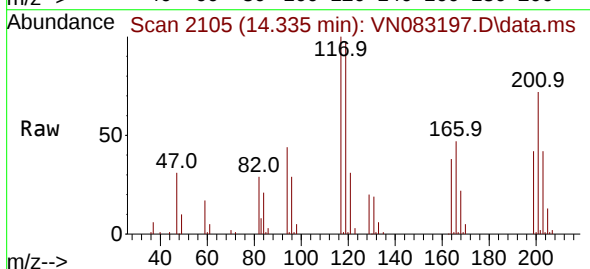
Manual Integrations
APPROVED

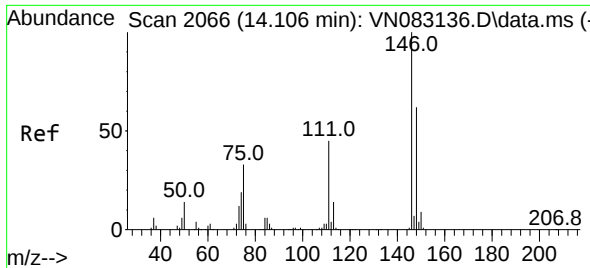
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#90
Hexachloroethane
Concen: 46.731 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

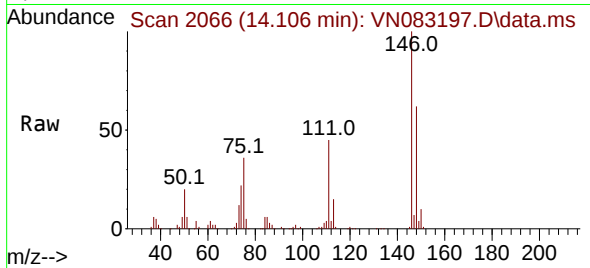
Tgt Ion:117 Resp: 85349
Ion Ratio Lower Upper
117 100
201 65.8 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 45.896 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

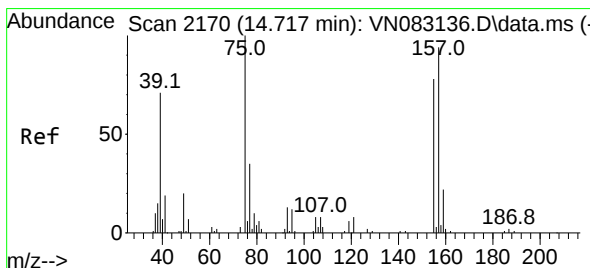
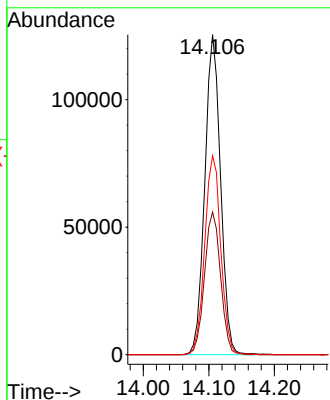
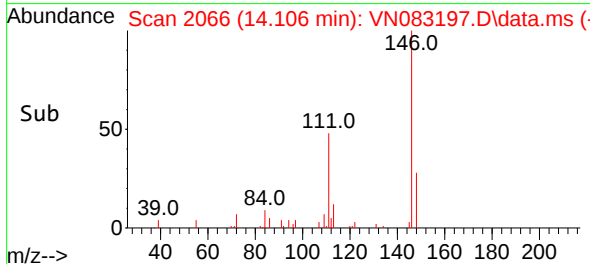
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 21009
Ion Ratio Lower Upper
146 100
111 45.6 21.4 64.2
148 63.4 32.1 96.5

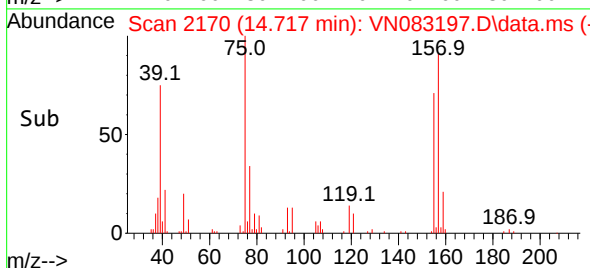
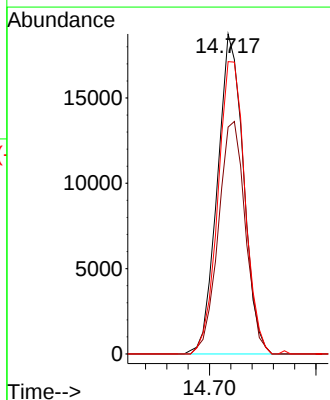
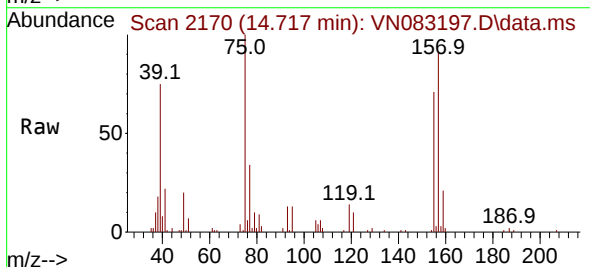
Manual Integrations
APPROVED

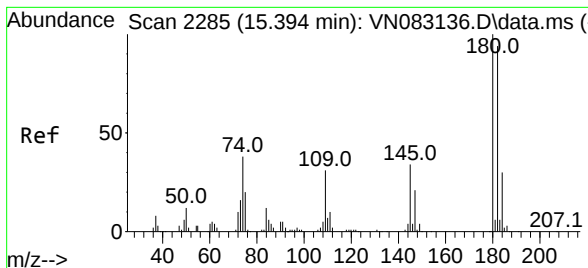
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.008 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

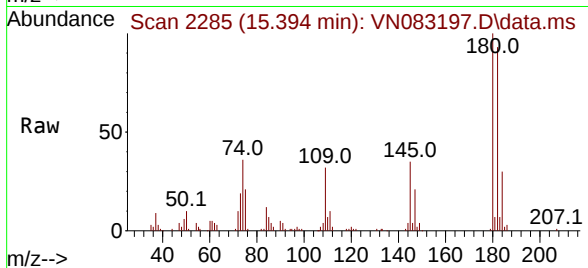
Tgt Ion: 75 Resp: 31852
Ion Ratio Lower Upper
75 100
155 75.5 36.6 109.8
157 94.7 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 46.947 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

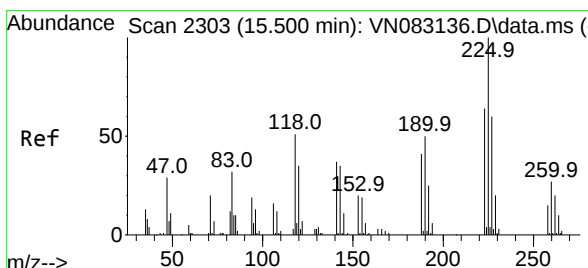
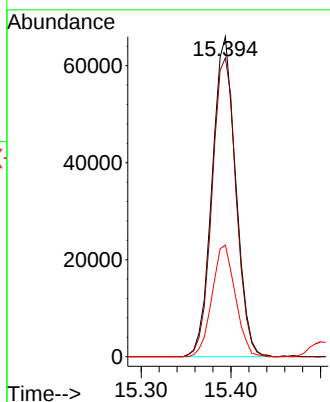
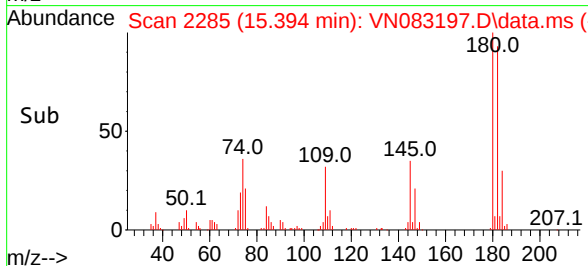
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



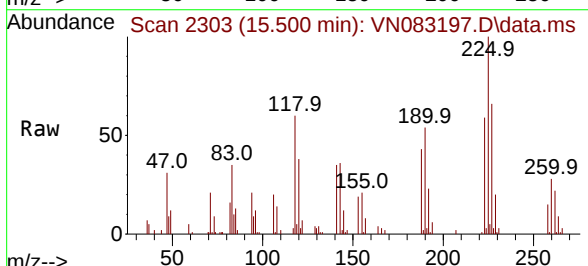
Tgt Ion:180 Resp: 120398
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.8
145 34.5 15.7 47.1

Manual Integrations
APPROVED

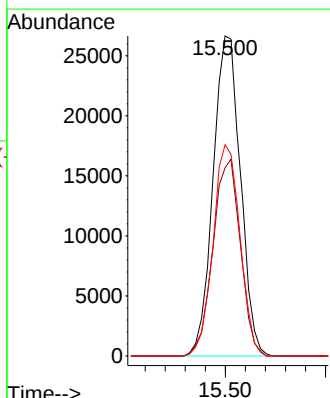
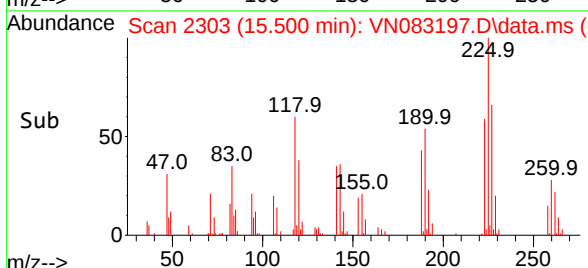
Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

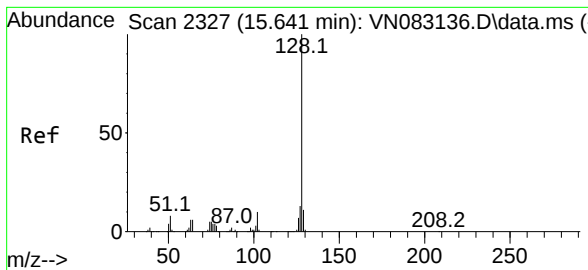


#94
Hexachlorobutadiene
Concen: 44.179 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46



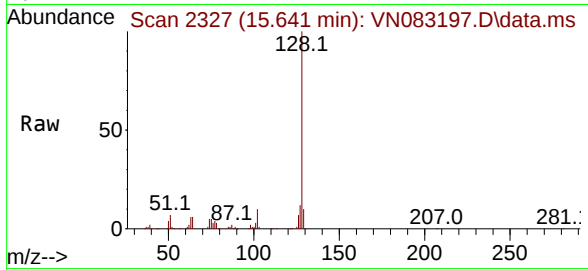
Tgt Ion:225 Resp: 50388
Ion Ratio Lower Upper
225 100
223 61.5 31.9 95.7
227 65.0 32.5 97.5





#95
Naphthalene
Concen: 43.952 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46

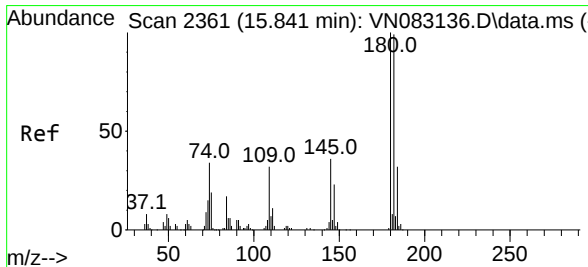
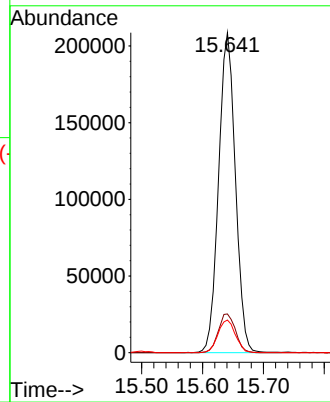
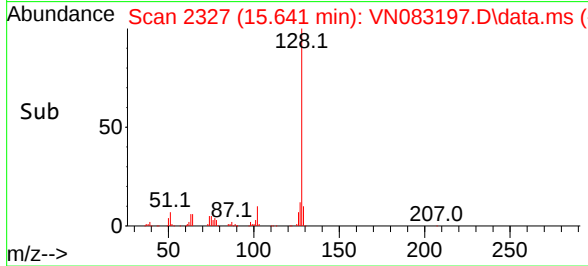
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



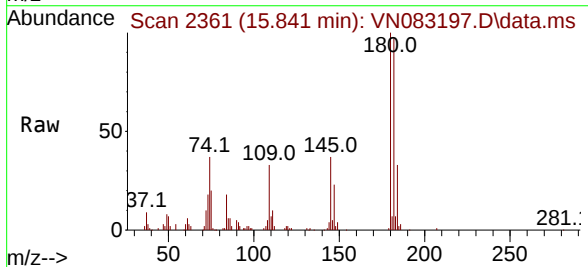
Tgt Ion:128 Resp: 399269
Ion Ratio Lower Upper
128 100
127 12.4 10.6 16.0
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024



#96
1,2,3-Trichlorobenzene
Concen: 45.874 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083197.D
Acq: 10 Aug 2024 10:46



Tgt Ion:180 Resp: 116409
Ion Ratio Lower Upper
180 100
182 94.2 48.9 146.8
145 35.9 16.8 50.4

