

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080448.D
 Acq On : 12 Dec 2023 19:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2023
 Supervised By : Mahesh Dadoda 12/13/2023

Quant Time: Dec 13 02:36:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	307253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	486021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	436431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	208478	53.125	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.240%			
35) Dibromofluoromethane	8.165	113	157308	51.048	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.100%			
50) Toluene-d8	10.565	98	587247	51.098	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.200%			
62) 4-Bromofluorobenzene	12.847	95	215833	49.457	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	188090	47.903	ug/l	98
3) Chloromethane	2.360	50	184028	44.311	ug/l	97
4) Vinyl Chloride	2.512	62	151548	45.195	ug/l	99
5) Bromomethane	2.954	94	64945	42.958	ug/l	94
6) Chloroethane	3.118	64	99869	46.349	ug/l	99
7) Trichlorofluoromethane	3.495	101	322416	47.406	ug/l	99
8) Diethyl Ether	3.959	74	100084	46.720	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.377	101	154525	47.935	ug/l	96
10) Methyl Iodide	4.589	142	122532	43.214	ug/l	98
11) Tert butyl alcohol	5.506	59	107357	232.285	ug/l	99
12) 1,1-Dichloroethene	4.342	96	151683	45.922	ug/l	86
13) Acrolein	4.171	56	111834	220.951	ug/l	98
14) Allyl chloride	5.024	41	185846	45.476	ug/l	97
15) Acrylonitrile	5.718	53	324409	248.417	ug/l	99
16) Acetone	4.418	43	251648	361.653	ug/l	100
17) Carbon Disulfide	4.712	76	411369	43.946	ug/l	99
18) Methyl Acetate	5.018	43	222152	49.618	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	534819	48.532	ug/l	100
20) Methylene Chloride	5.277	84	166324	44.665	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	164109	45.821	ug/l #	84
22) Diisopropyl ether	6.671	45	418971	47.501	ug/l	95
23) Vinyl Acetate	6.600	43	1212702	239.390	ug/l	93
24) 1,1-Dichloroethane	6.571	63	291702	47.402	ug/l	99
25) 2-Butanone	7.477	43	369880	275.936	ug/l	95
26) 2,2-Dichloropropane	7.494	77	280223	44.532	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	188374	46.466	ug/l	89
28) Bromochloromethane	7.812	49	110877	46.927	ug/l	99
29) Tetrahydrofuran	7.836	42	235068	244.894	ug/l	93
30) Chloroform	7.965	83	329692	48.265	ug/l	94
31) Cyclohexane	8.259	56	232396	43.547	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	315499	47.173	ug/l	99
36) 1,1-Dichloropropene	8.371	75	239002	47.435	ug/l	96
37) Ethyl Acetate	7.559	43	151978	48.168	ug/l	99
38) Carbon Tetrachloride	8.365	117	284932	47.327	ug/l	97
39) Methylcyclohexane	9.600	83	235166	44.928	ug/l	95
40) Benzene	8.606	78	677813	46.586	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	92021	50.589	ug/l	92
42) 1,2-Dichloroethane	8.671	62	259891	48.236	ug/l	97
43) Isopropyl Acetate	8.688	43	274703	48.422	ug/l	98
44) Trichloroethene	9.353	130	179054	45.649	ug/l	96
45) 1,2-Dichloropropane	9.618	63	156810	45.888	ug/l	99
46) Dibromomethane	9.706	93	115480	47.057	ug/l	90
47) Bromodichloromethane	9.888	83	256505	48.770	ug/l	96
48) Methyl methacrylate	9.683	41	161451	47.690	ug/l	90
49) 1,4-Dioxane	9.694	88	46448	905.172	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	776210	248.435	ug/l	99
52) Toluene	10.630	92	429396	46.717	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	266518	46.835	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	284727	46.812	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	160243	48.452	ug/l	99
56) Ethyl methacrylate	10.877	69	177709	48.533	ug/l	92
57) 1,3-Dichloropropane	11.165	76	276536	47.698	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	558733	241.710	ug/l	99
59) 2-Hexanone	11.194	43	572967	248.406	ug/l	98
60) Dibromochloromethane	11.359	129	187661	47.885	ug/l	100
61) 1,2-Dibromoethane	11.471	107	163602	47.795	ug/l	99
64) Tetrachloroethene	11.106	164	152731	45.326	ug/l	99
65) Chlorobenzene	11.894	112	446551	45.996	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	176222	46.259	ug/l	95
67) Ethyl Benzene	11.965	91	823990	46.158	ug/l	97
68) m/p-Xylenes	12.071	106	612995	92.927	ug/l	90
69) o-Xylene	12.400	106	297112	46.048	ug/l	89
70) Styrene	12.412	104	441347	47.488	ug/l	93
71) Bromoform	12.582	173	123946	44.617	ug/l #	98
73) Isopropylbenzene	12.694	105	776338	48.678	ug/l	98
74) N-amyl acetate	12.494	43	226473	48.628	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	201387	47.124	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	190272m	48.041	ug/l	
77) Bromobenzene	12.982	156	185526	47.289	ug/l	97
78) n-propylbenzene	13.035	91	867210	49.318	ug/l	99
79) 2-Chlorotoluene	13.124	91	549206	47.841	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	666346	48.513	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	70027	46.423	ug/l	93
82) 4-Chlorotoluene	13.224	91	557100	47.213	ug/l	96
83) tert-Butylbenzene	13.441	119	547259	48.650	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	663533	48.559	ug/l	98
85) sec-Butylbenzene	13.618	105	687844	47.801	ug/l	99
86) p-Isopropyltoluene	13.729	119	625470	48.140	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	312148	45.158	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	320338	45.910	ug/l	98
89) n-Butylbenzene	14.059	91	498962	45.986	ug/l	98
90) Hexachloroethane	14.335	117	96532	46.782	ug/l	72
91) 1,2-Dichlorobenzene	14.106	146	298471	45.472	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43875	48.809	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	172510	47.336	ug/l	98
94) Hexachlorobutadiene	15.500	225	88641	42.724	ug/l	99
95) Naphthalene	15.641	128	528378	47.746	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	161365	45.884	ug/l	96

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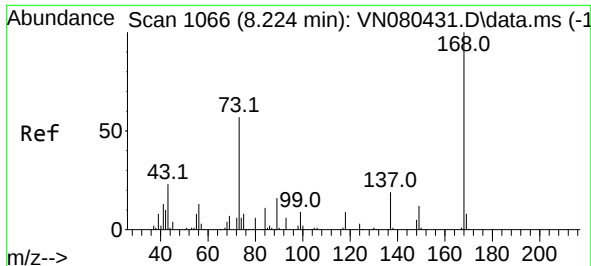
Manual Integrations
APPROVED

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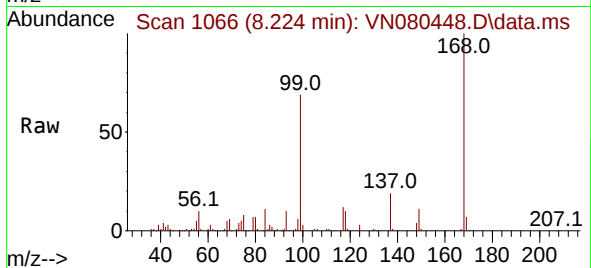
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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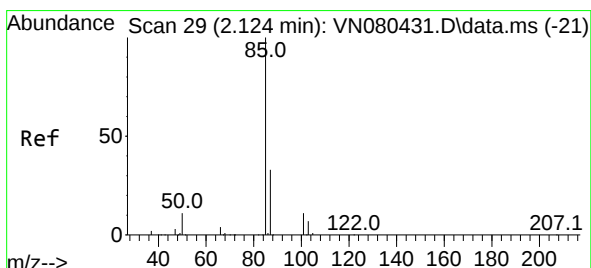
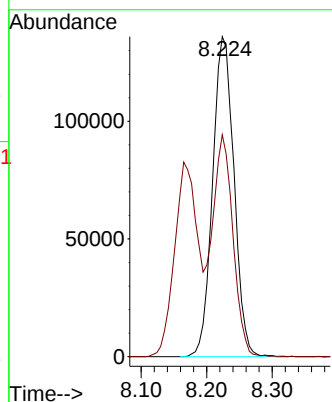
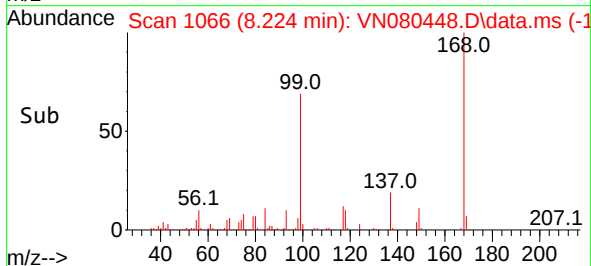
Instrument :
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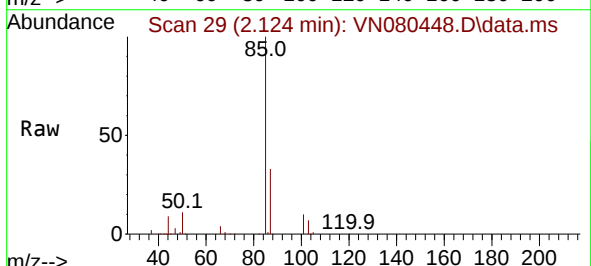
Tgt Ion:168 Resp: 30725
Ion Ratio Lower Upper
168 100
99 69.2 53.0 79.6

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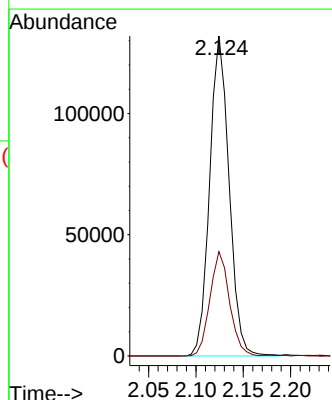
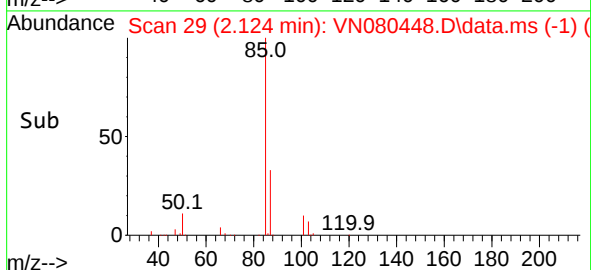
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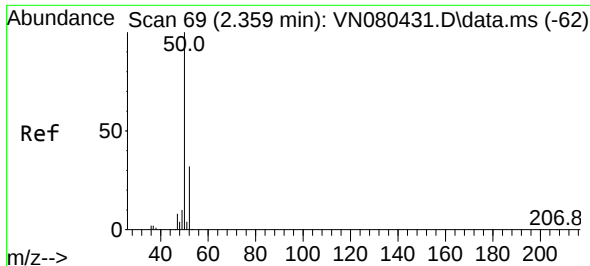


#2
Dichlorodifluoromethane
Concen: 47.903 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25



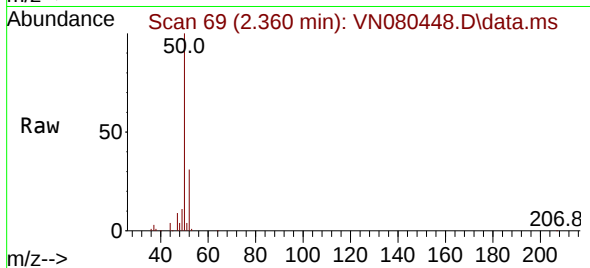
Tgt Ion: 85 Resp: 188090
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.4





#3
Chloromethane
Concen: 44.311 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

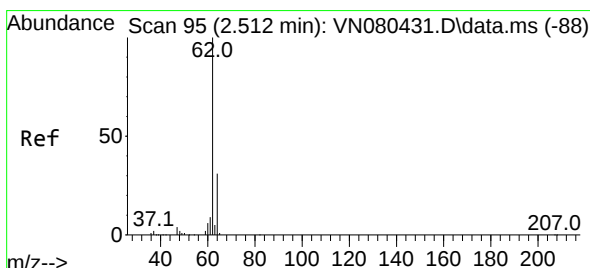
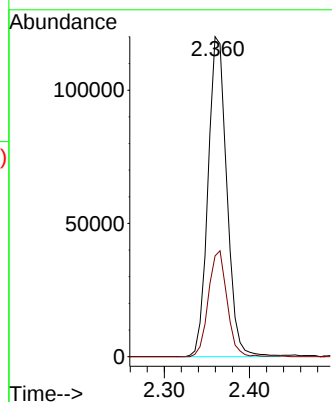
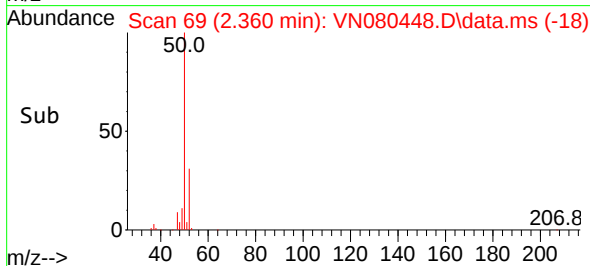
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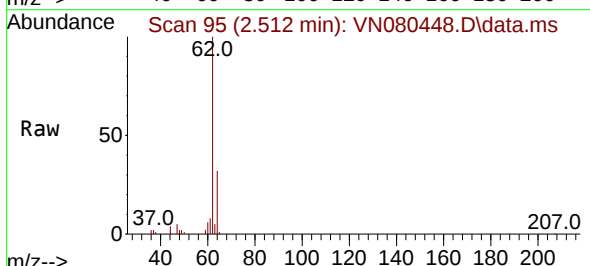
Tgt Ion: 50 Resp: 184028
Ion Ratio Lower Upper
50 100
52 31.5 26.5 39.7

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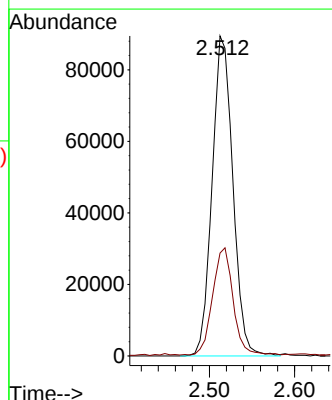
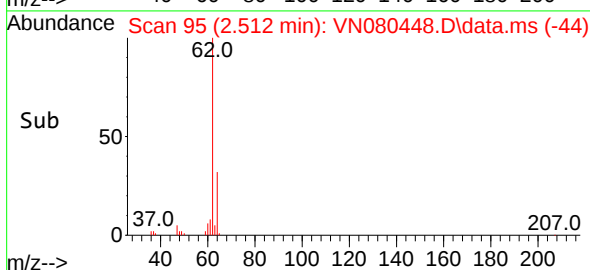
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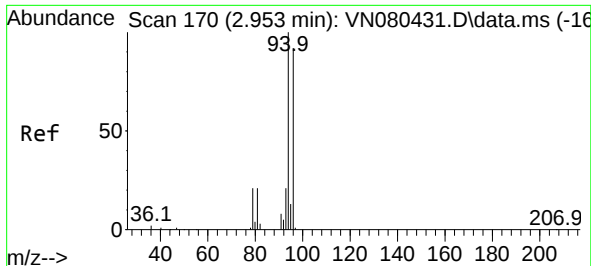


#4
Vinyl Chloride
Concen: 45.195 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25



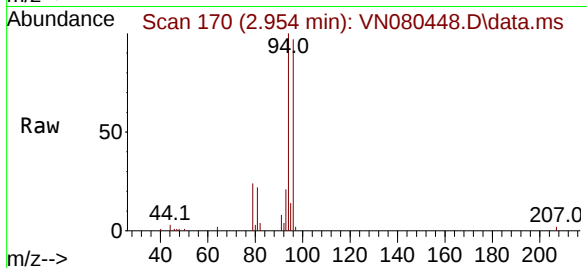
Tgt Ion: 62 Resp: 151548
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2





#5
Bromomethane
Concen: 42.958 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

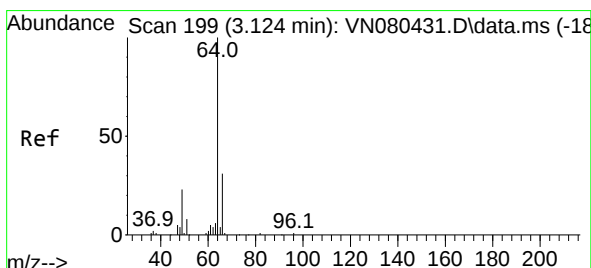
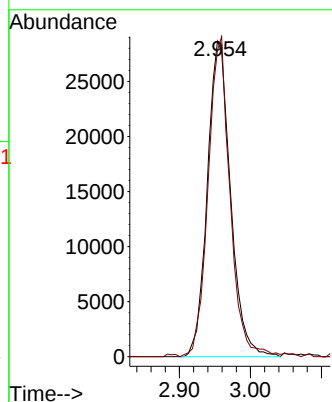
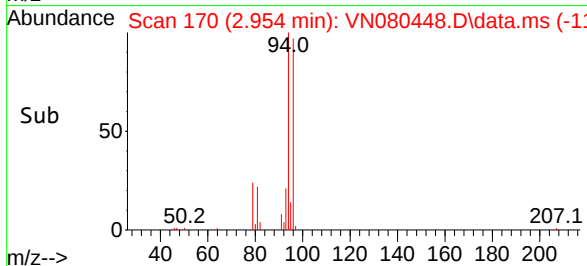
Instrument :
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Tgt Ion: 94 Resp: 6494
Ion Ratio Lower Upper
94 100
96 97.1 73.1 109.7

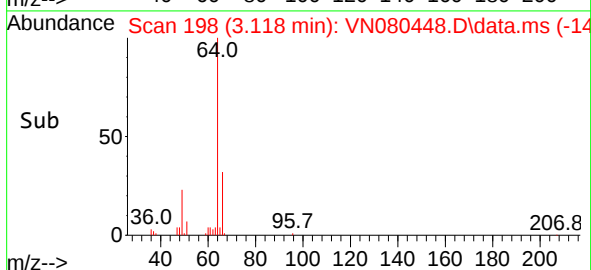
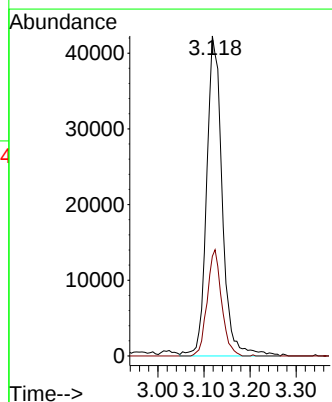
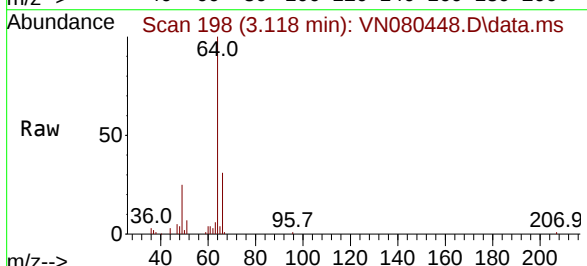
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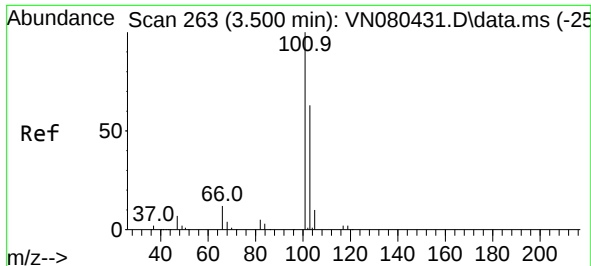
Reviewed By :John Carlone 12/13/2023
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#6
Chloroethane
Concen: 46.349 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

Tgt Ion: 64 Resp: 99869
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.2





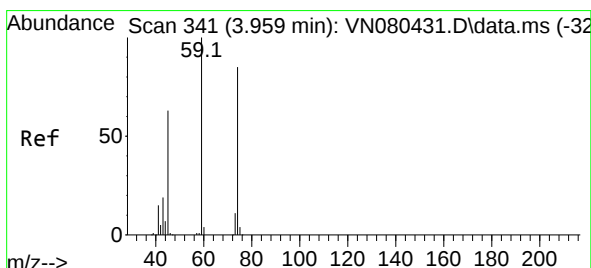
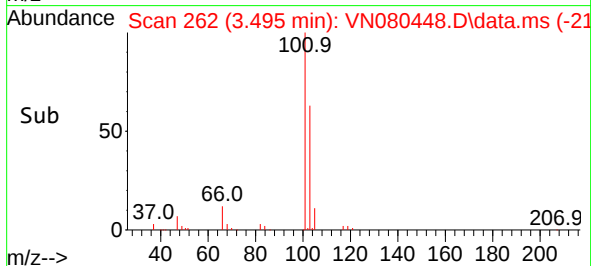
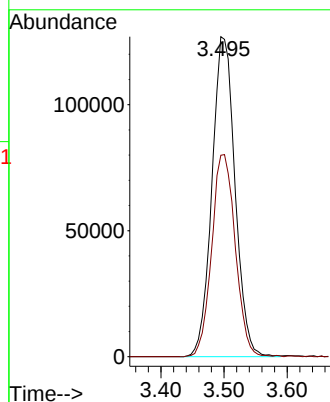
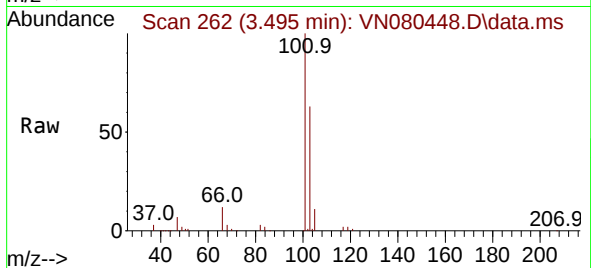
#7
 Trichlorofluoromethane
 Concen: 47.406 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN080448.D
 Acq: 12 Dec 2023 19:25

Instrument :
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Tgt Ion:101 Resp: 322410
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.7 76.1

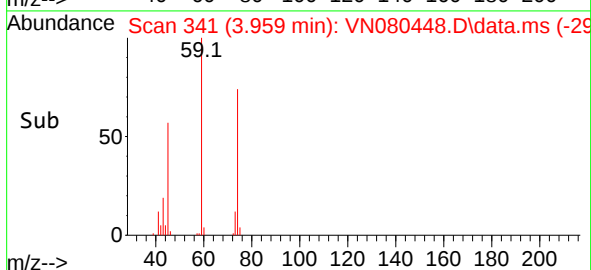
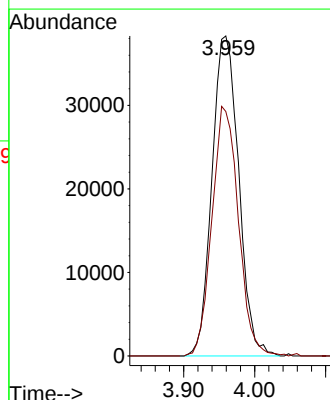
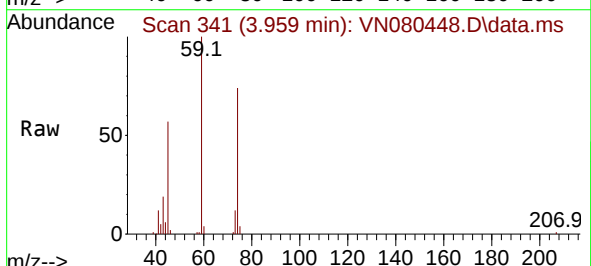
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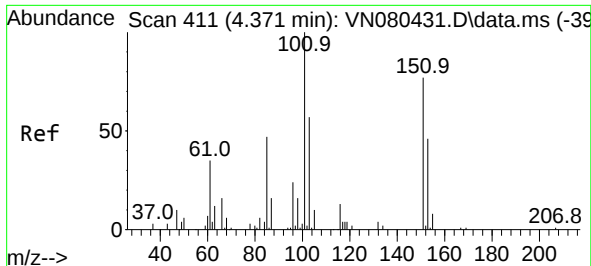
Reviewed By :John Carlone 12/13/2023
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#8
 Diethyl Ether
 Concen: 46.720 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080448.D
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Tgt Ion: 74 Resp: 100084
 Ion Ratio Lower Upper
 74 100
 45 77.2 34.4 103.3





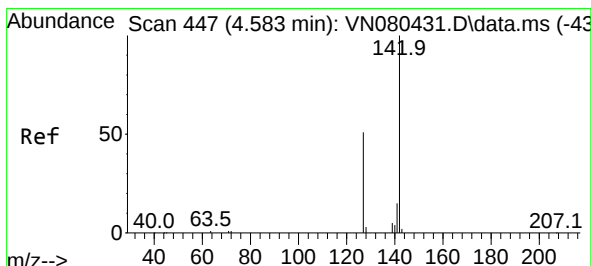
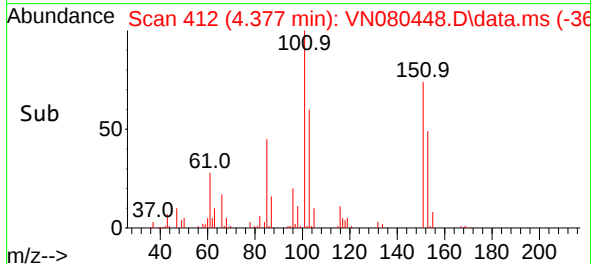
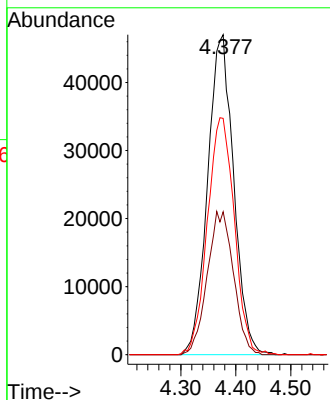
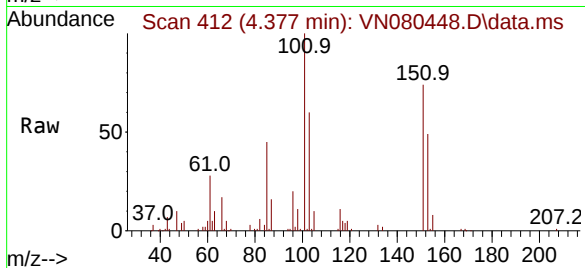
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.935 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 15452
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 76.7 57.6 86.4

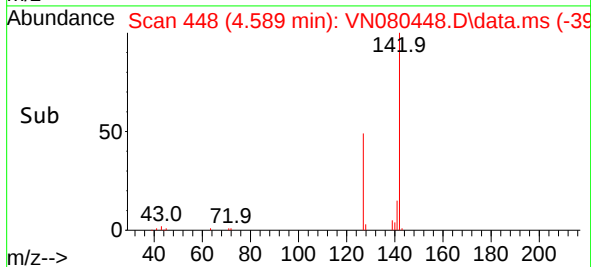
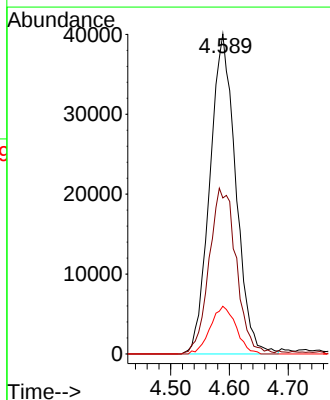
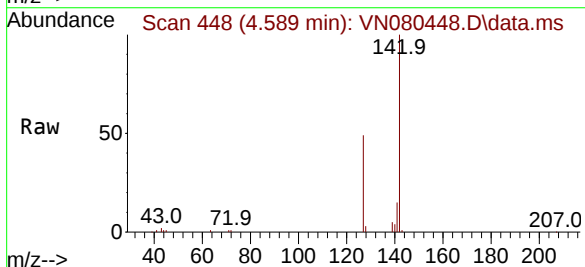
Manual Integrations
APPROVED

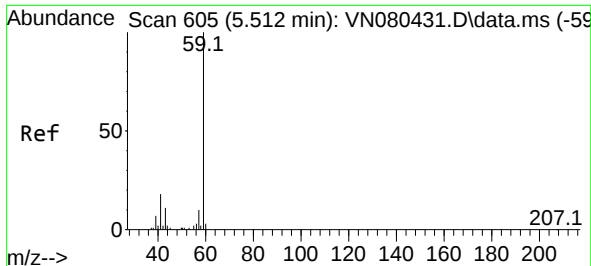
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#10
Methyl Iodide
Concen: 43.214 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

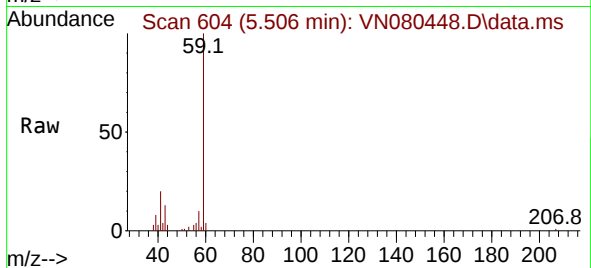
Tgt Ion:142 Resp: 122532
Ion Ratio Lower Upper
142 100
127 48.8 37.6 56.4
141 14.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 232.285 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

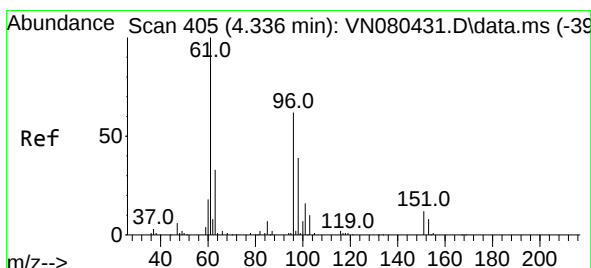
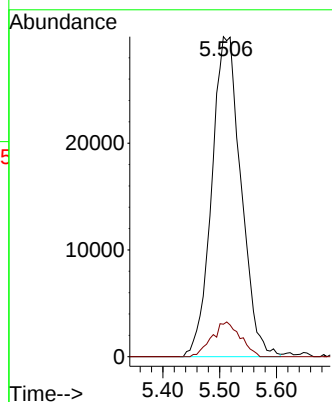
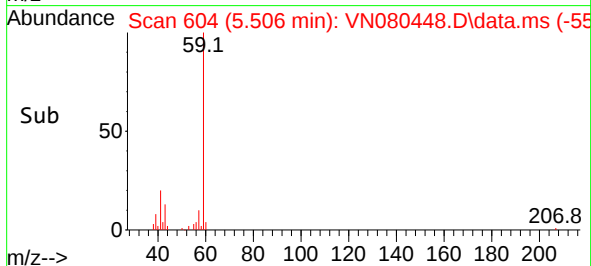
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 10735
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

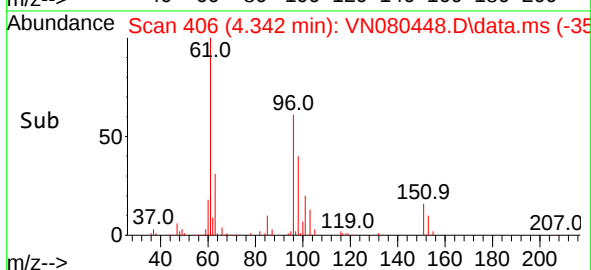
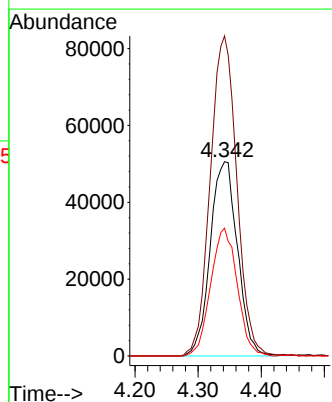
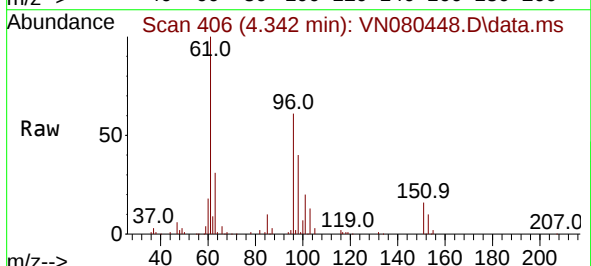
Manual Integrations
APPROVED

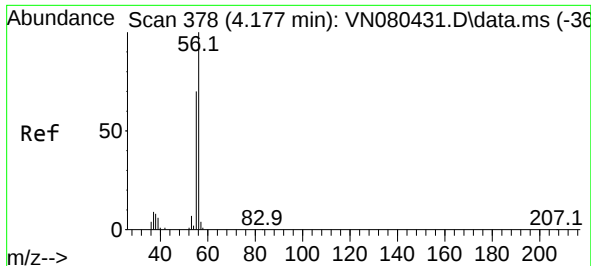
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#12
1,1-Dichloroethene
Concen: 45.922 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

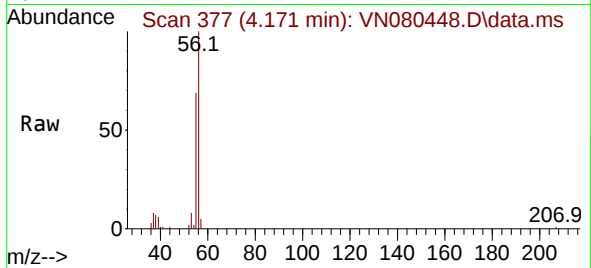
Tgt Ion: 96 Resp: 151683
Ion Ratio Lower Upper
96 100
61 164.8 112.7 169.1
98 65.9 51.2 76.8





#13
Acrolein
Concen: 220.951 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

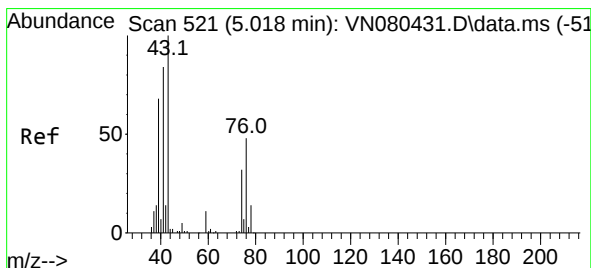
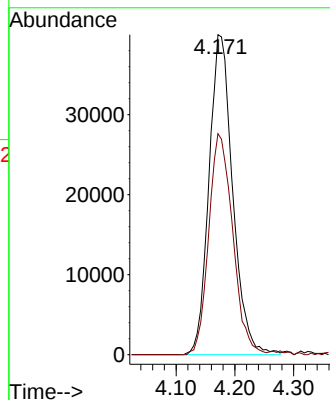
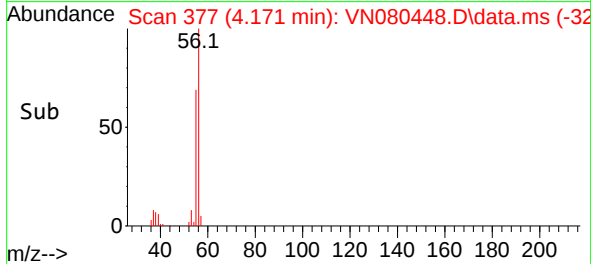
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 111834
Ion Ratio Lower Upper
56 100
55 69.9 54.5 81.7

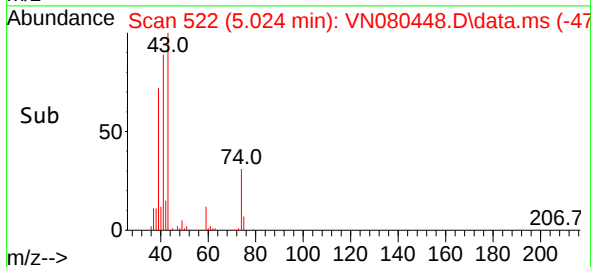
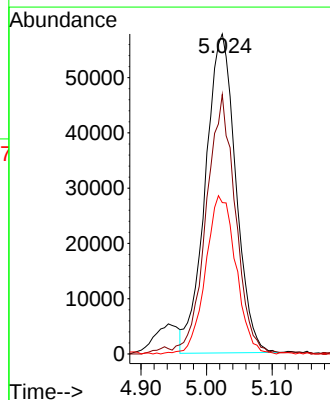
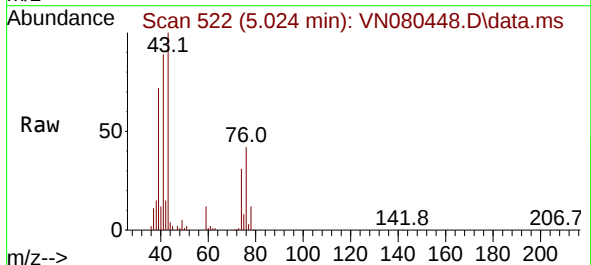
Manual Integrations
APPROVED

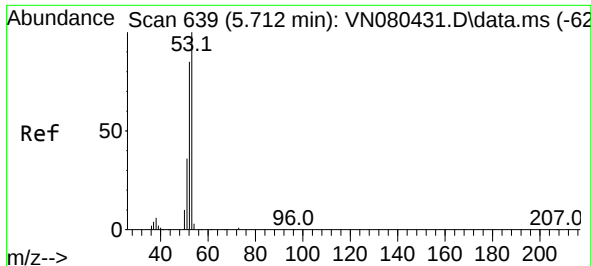
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#14
Allyl chloride
Concen: 45.476 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

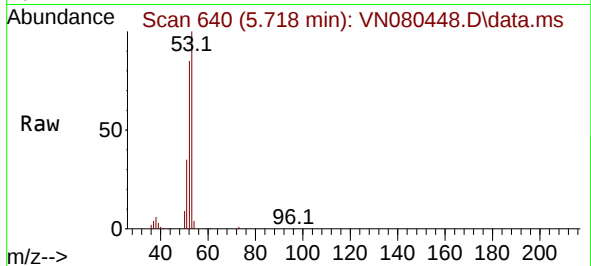
Tgt Ion: 41 Resp: 185846
Ion Ratio Lower Upper
41 100
39 77.4 58.8 88.2
76 49.5 39.1 58.7





#15
Acrylonitrile
Concen: 248.417 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

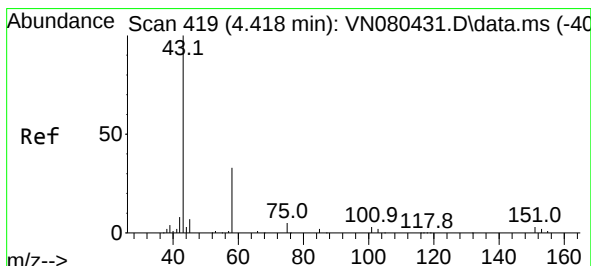
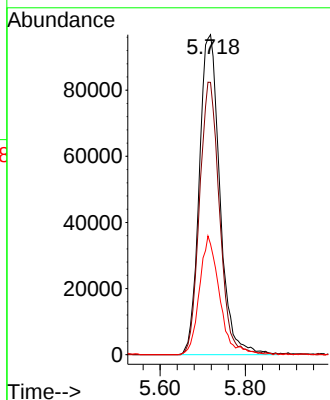
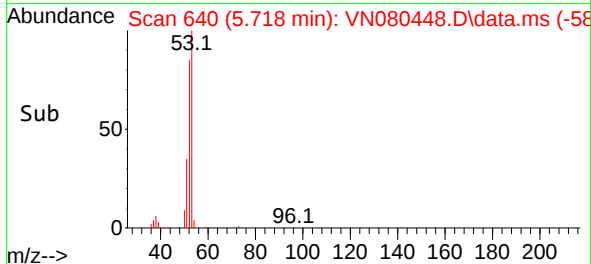
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 324409
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 36.1 28.9 43.3

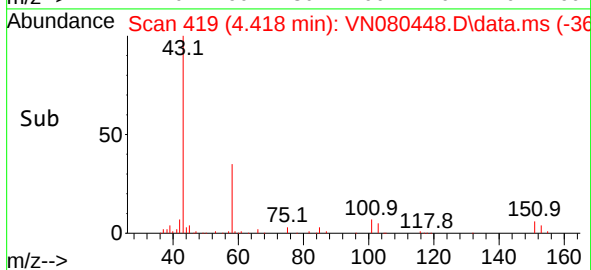
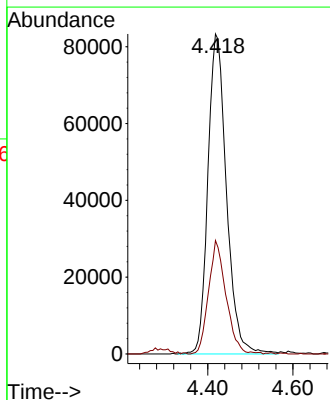
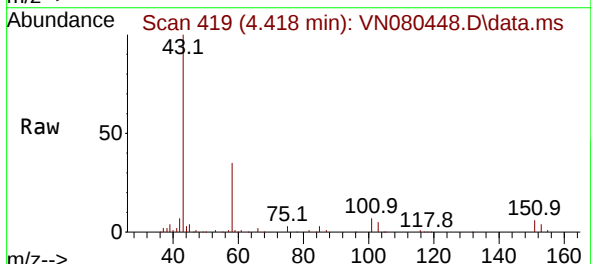
Manual Integrations
APPROVED

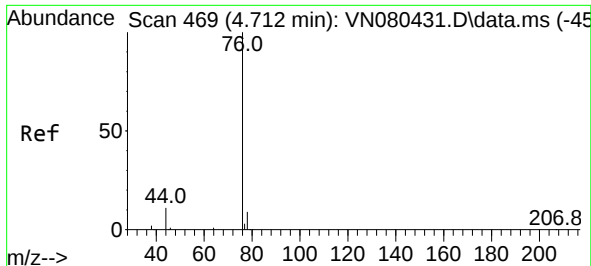
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#16
Acetone
Concen: 361.653 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

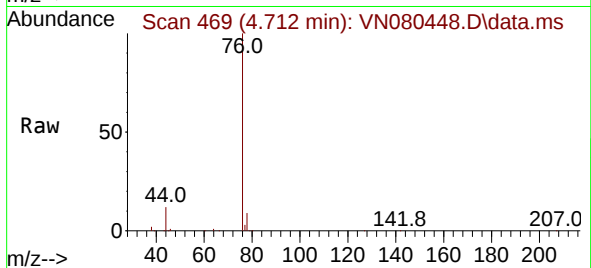
Tgt Ion: 43 Resp: 251648
Ion Ratio Lower Upper
43 100
58 35.2 28.0 42.0





#17
Carbon Disulfide
Concen: 43.946 ug/l
RT: 4.712 min Scan# 411369
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

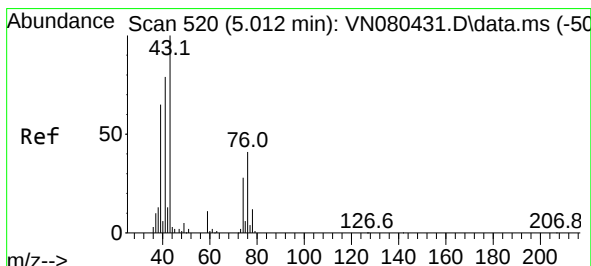
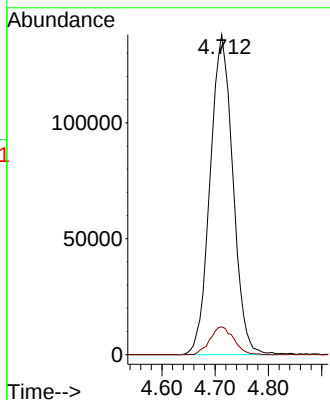
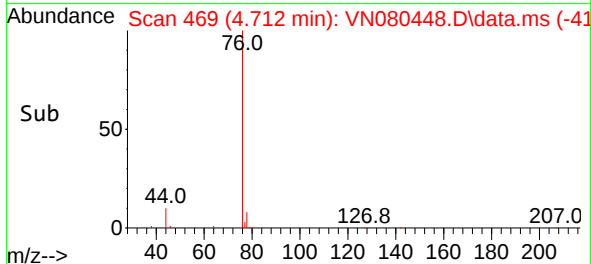
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



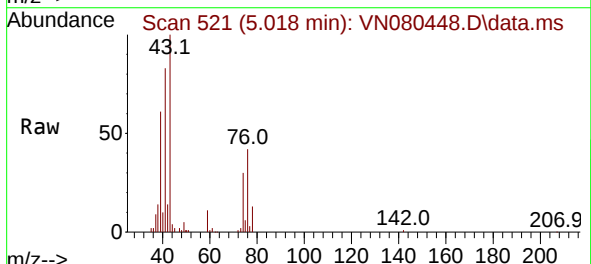
Tgt Ion: 76 Resp: 411369
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

Manual Integrations
APPROVED

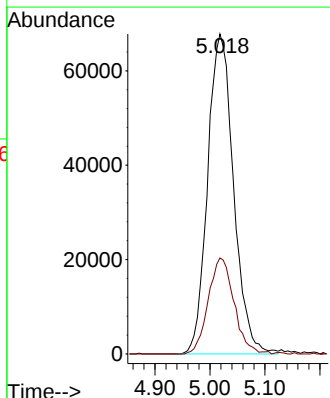
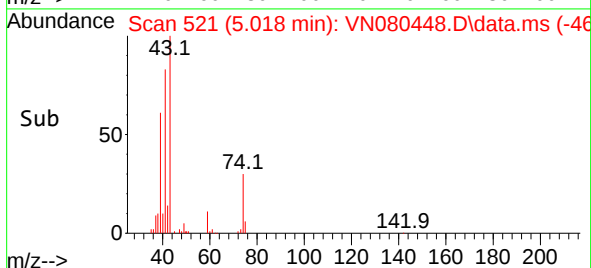
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

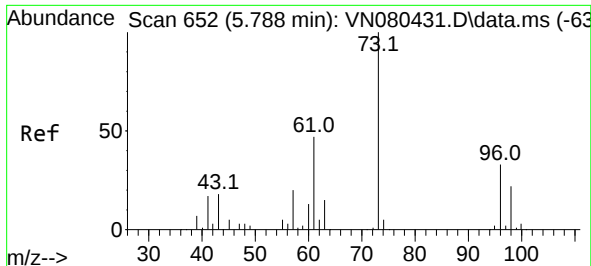


#18
Methyl Acetate
Concen: 49.618 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25



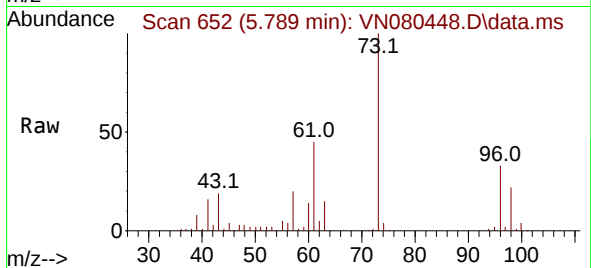
Tgt Ion: 43 Resp: 222152
Ion Ratio Lower Upper
43 100
74 29.8 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 48.532 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

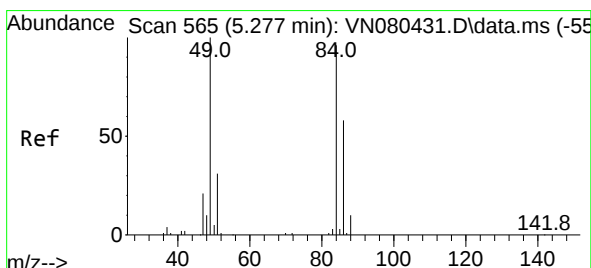
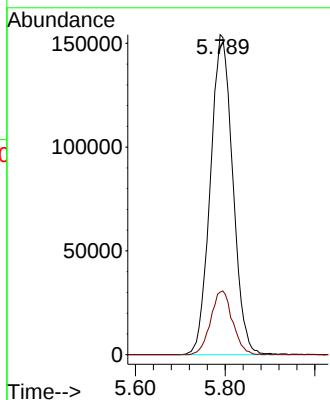
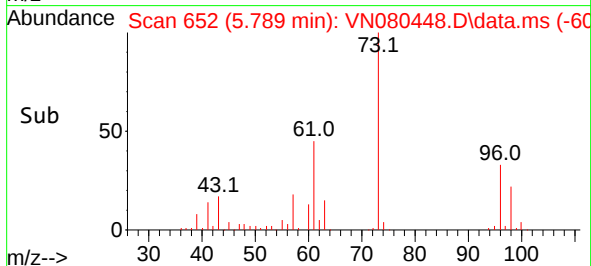
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 534819
Ion Ratio Lower Upper
73 100
57 19.6 15.6 23.4

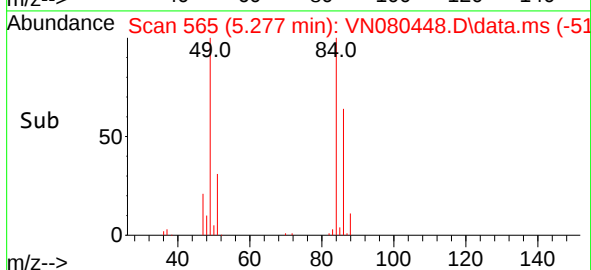
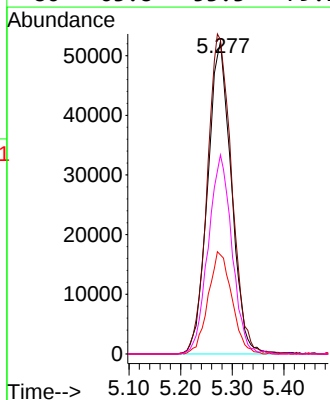
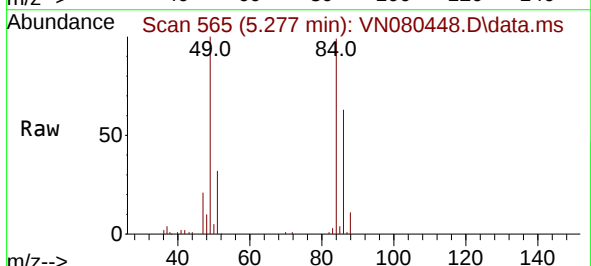
Manual Integrations
APPROVED

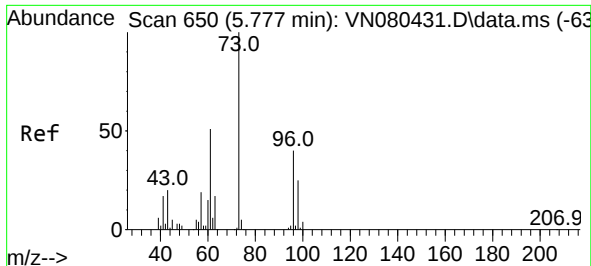
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#20
Methylene Chloride
Concen: 44.665 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

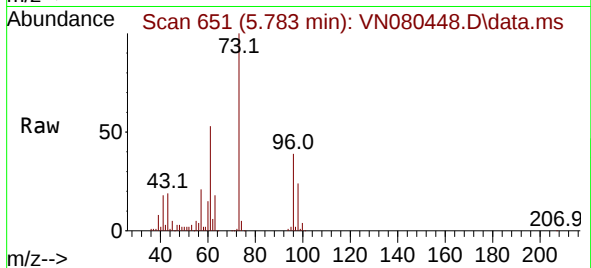
Tgt Ion: 84 Resp: 166324
Ion Ratio Lower Upper
84 100
49 100.6 79.7 119.5
51 31.7 25.2 37.8
86 63.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 45.821 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

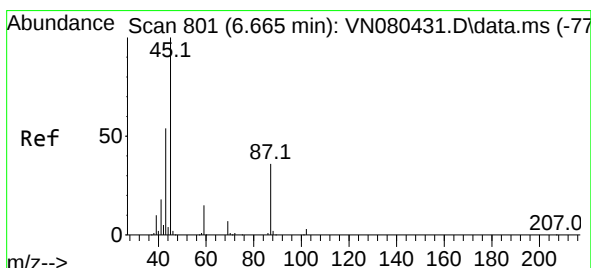
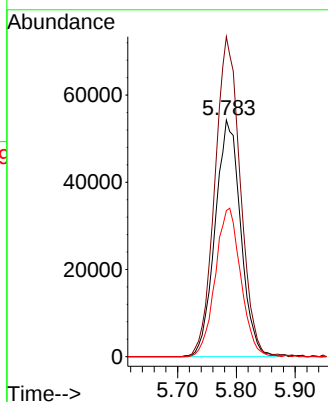
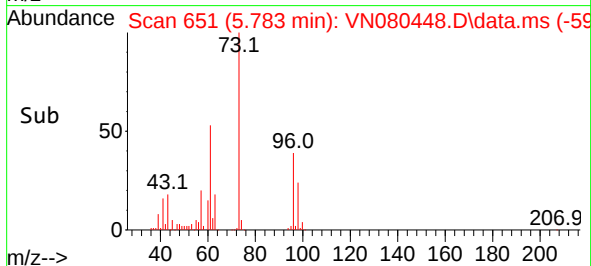
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 164109
Ion Ratio Lower Upper
96 100
61 135.2 90.1 135.1
98 61.7 46.4 69.6

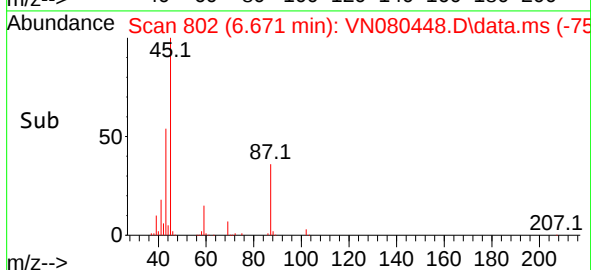
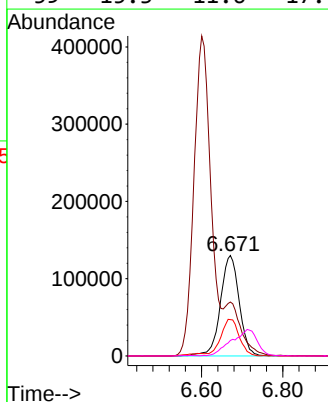
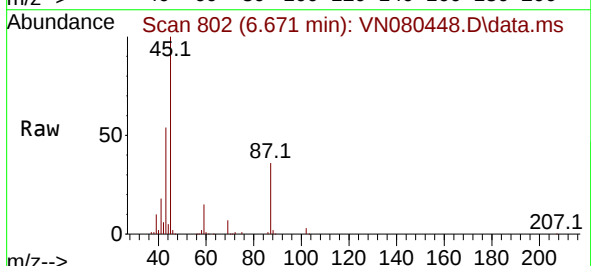
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#22
Diisopropyl ether
Concen: 47.501 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

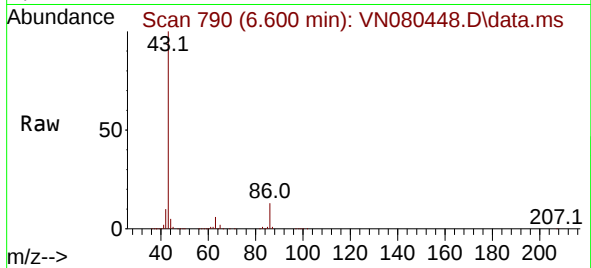
Tgt Ion: 45 Resp: 418971
Ion Ratio Lower Upper
45 100
43 53.2 45.5 68.3
87 36.2 31.8 47.8
59 15.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 239.390 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080448.D
 Acq: 12 Dec 2023 19:25

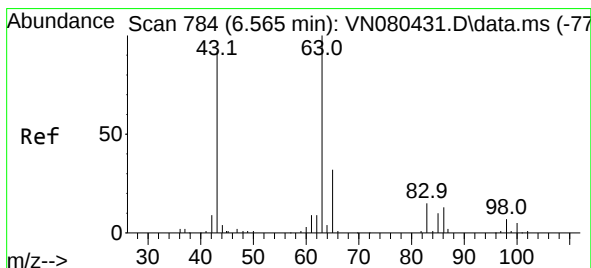
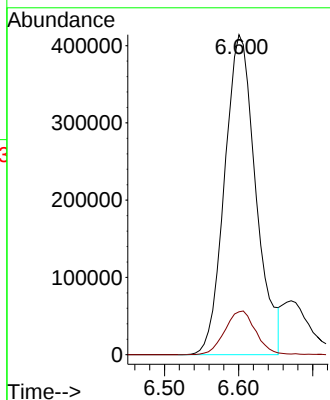
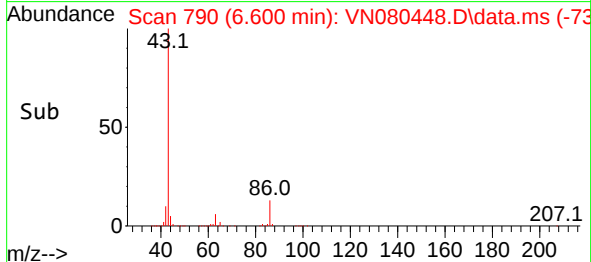
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



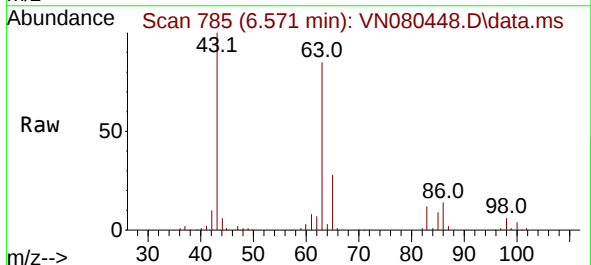
Tgt Ion: 43 Resp: 1212702
 Ion Ratio Lower Upper
 43 100
 86 13.4 13.0 19.6

Manual Integrations
 APPROVED

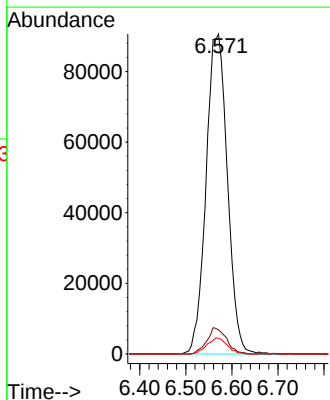
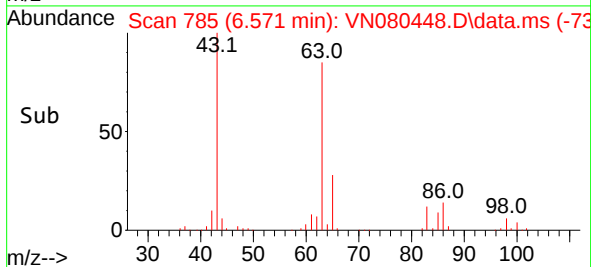
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#24
 1,1-Dichloroethane
 Concen: 47.402 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080448.D
 Acq: 12 Dec 2023 19:25



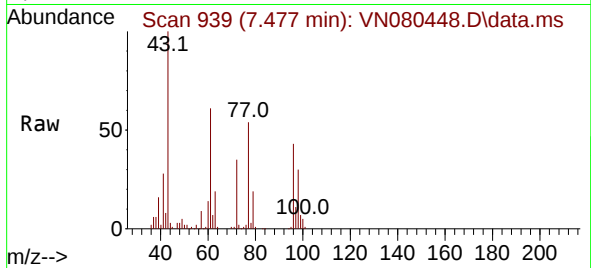
Tgt Ion: 63 Resp: 291702
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 5.0 2.5 7.4





#25
2-Butanone
Concen: 275.936 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

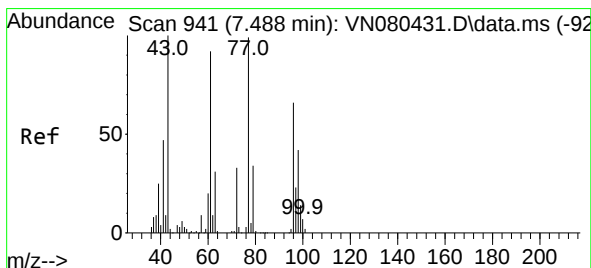
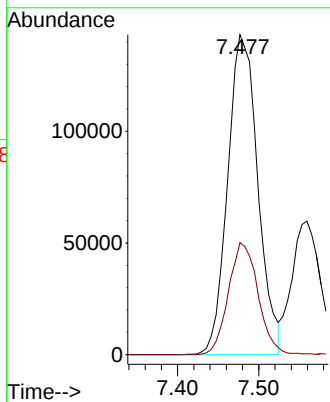
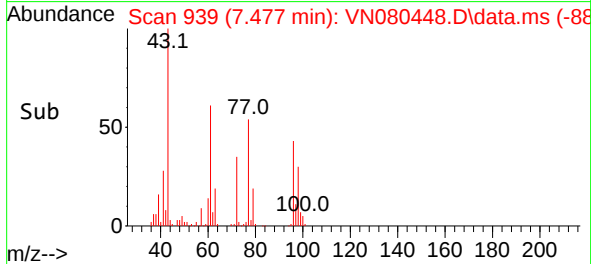
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



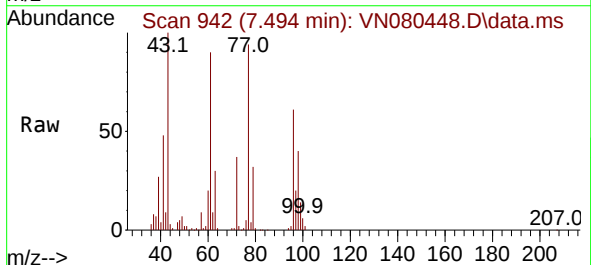
Tgt Ion: 43 Resp: 369880
Ion Ratio Lower Upper
43 100
72 35.0 30.2 45.2

Manual Integrations
APPROVED

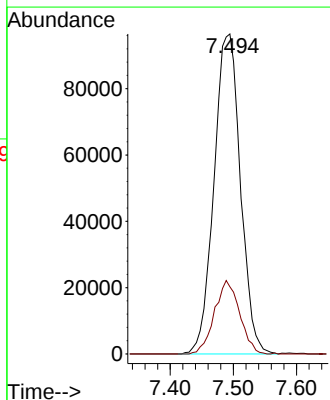
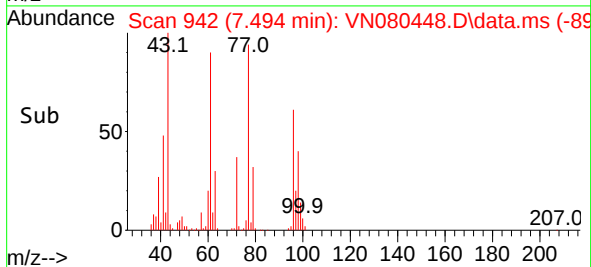
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

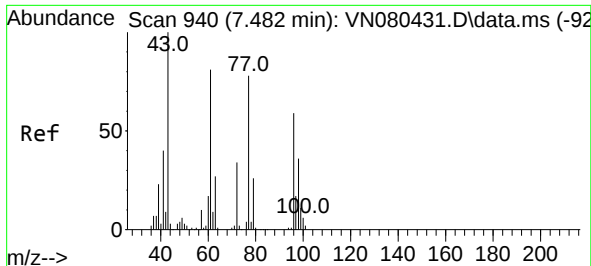


#26
2,2-Dichloropropane
Concen: 44.532 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25



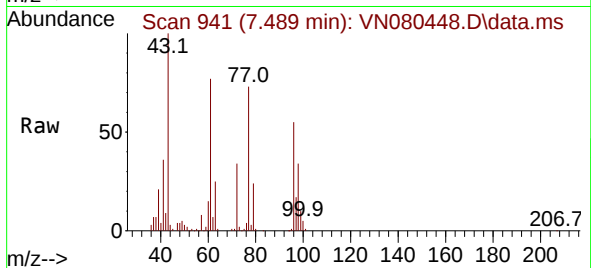
Tgt Ion: 77 Resp: 280223
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 46.466 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080448.D
 Acq: 12 Dec 2023 19:25

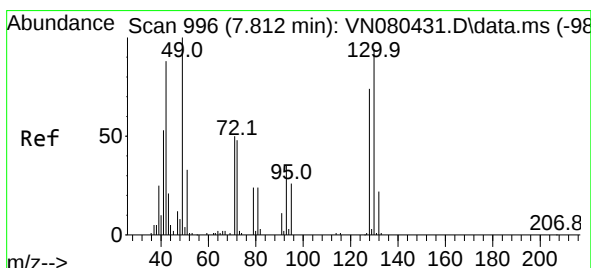
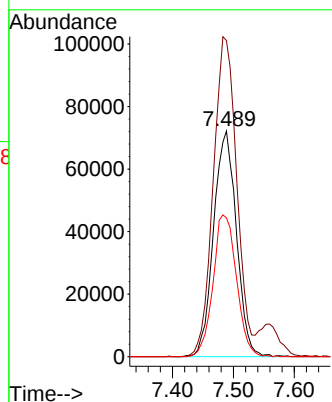
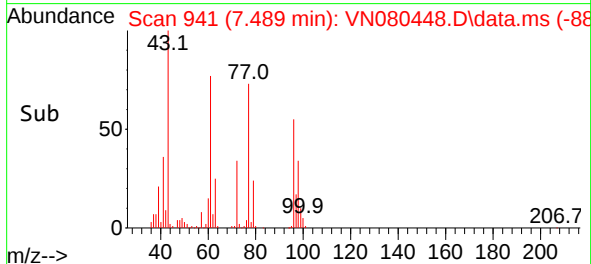
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 188374
 Ion Ratio Lower Upper
 96 100
 61 146.0 0.0 255.2
 98 64.4 0.0 128.8

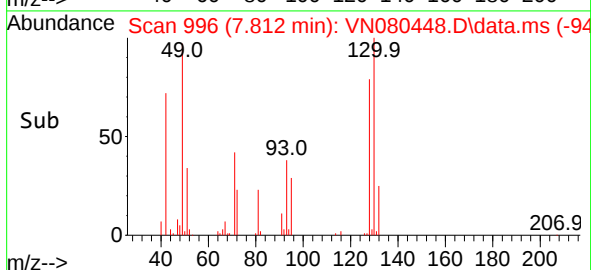
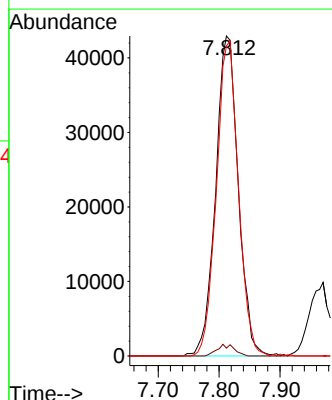
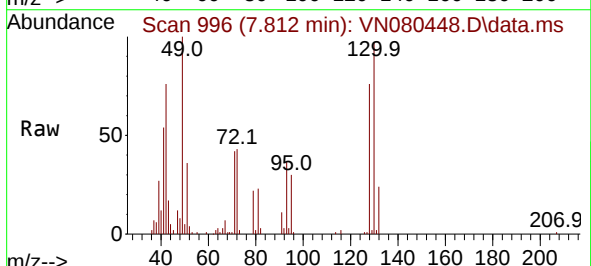
Manual Integrations
 APPROVED

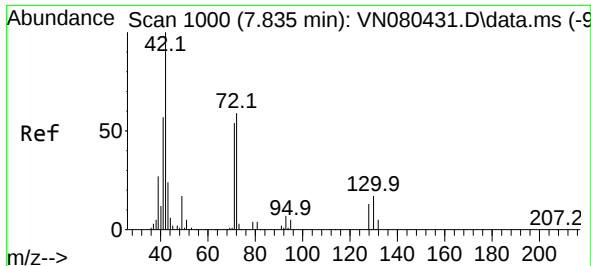
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#28
 Bromochloromethane
 Concen: 46.927 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080448.D
 Acq: 12 Dec 2023 19:25

Tgt Ion: 49 Resp: 110877
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.8
 130 95.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 244.894 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080448.D

Acq: 12 Dec 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 235068

Ion Ratio Lower Upper

42 100

72 57.5 49.8 74.6

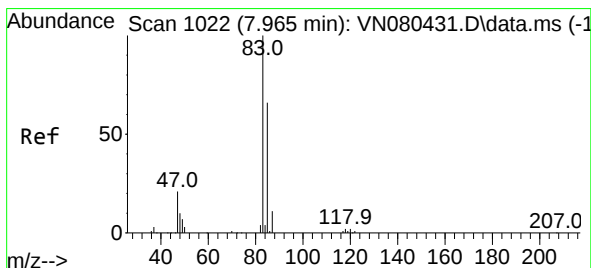
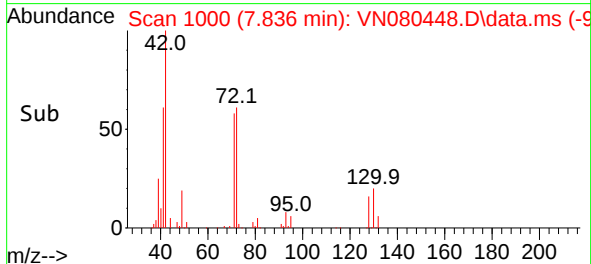
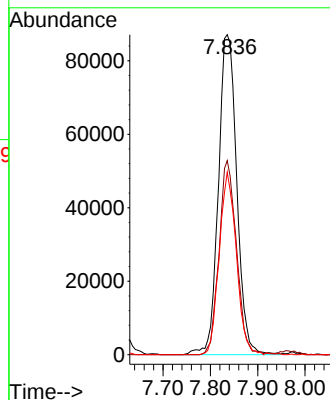
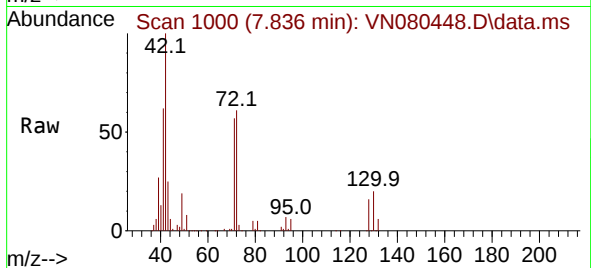
71 53.0 47.4 71.2

Manual Integrations

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Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#30

Chloroform

Concen: 48.265 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080448.D

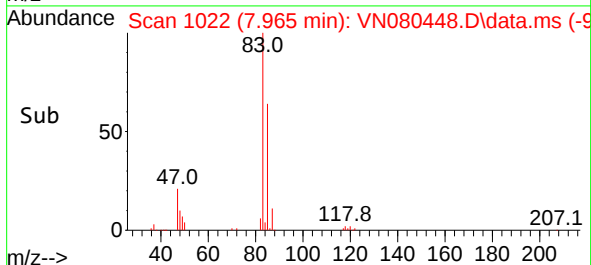
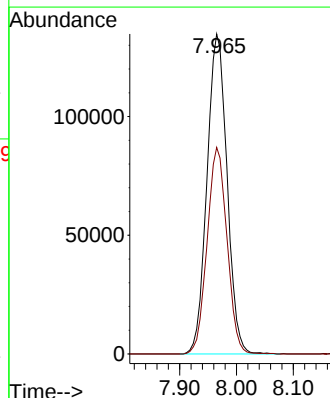
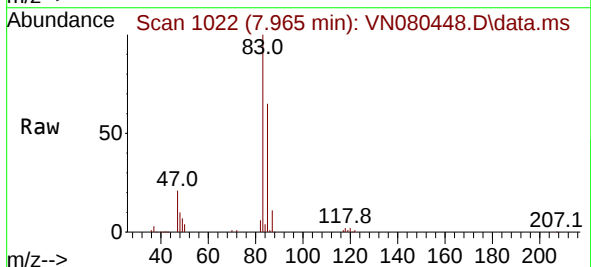
Acq: 12 Dec 2023 19:25

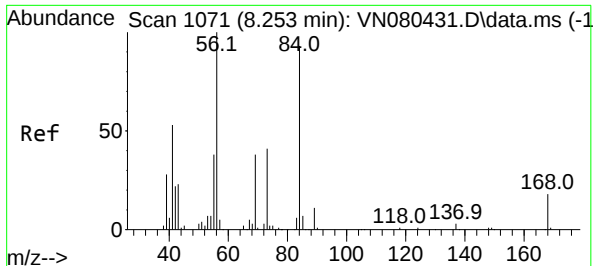
Tgt Ion: 83 Resp: 329692

Ion Ratio Lower Upper

83 100

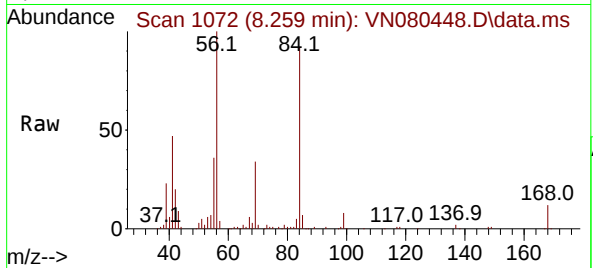
85 64.6 55.4 83.0





#31
Cyclohexane
Concen: 43.547 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

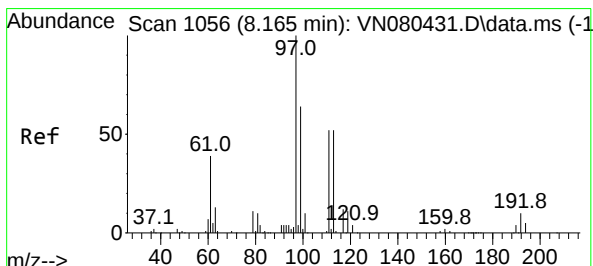
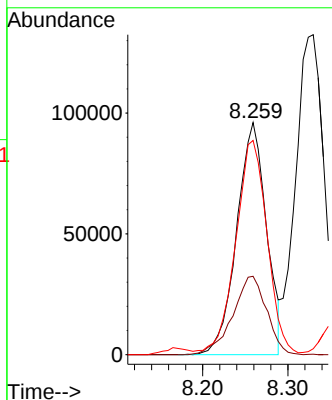
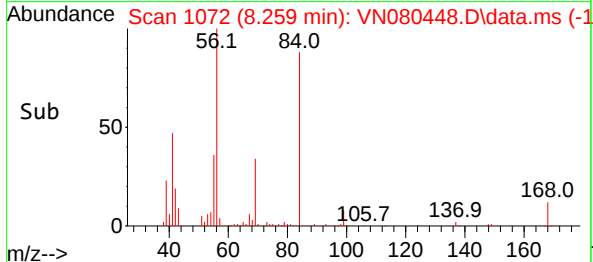
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



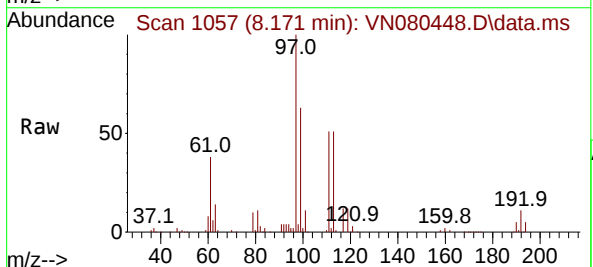
Tgt Ion: 56 Resp: 232390
Ion Ratio Lower Upper
56 100
69 33.7 26.8 40.2
84 89.6 81.8 122.6

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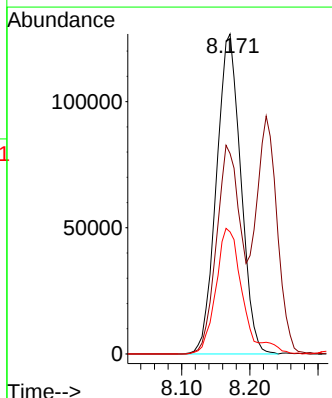
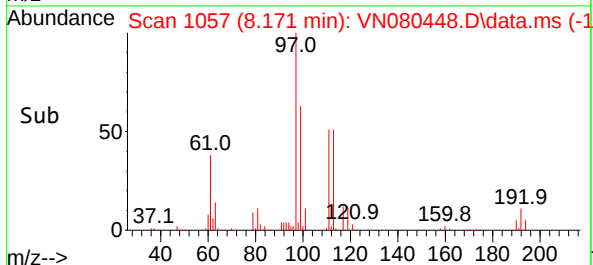
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

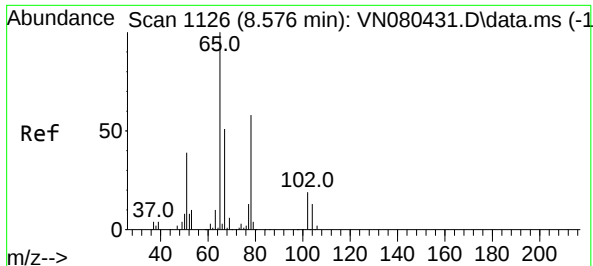


#32
1,1,1-Trichloroethane
Concen: 47.173 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25



Tgt Ion: 97 Resp: 315499
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 42.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.125 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080448.D

Acq: 12 Dec 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 208478

Ion Ratio Lower Upper

65 100

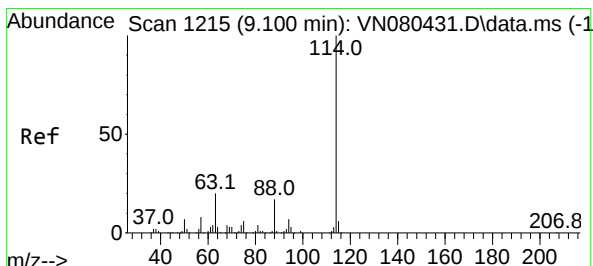
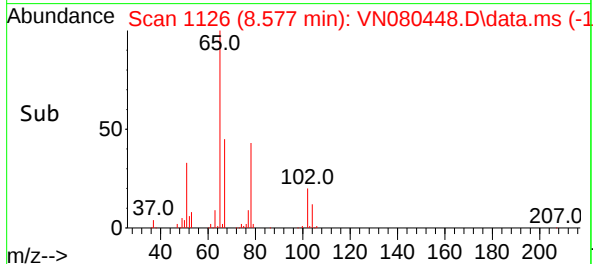
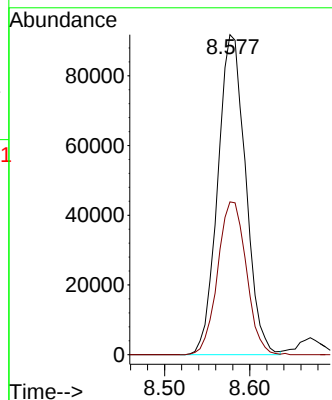
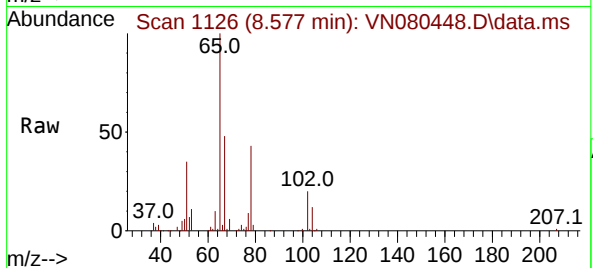
67 49.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080448.D

Acq: 12 Dec 2023 19:25

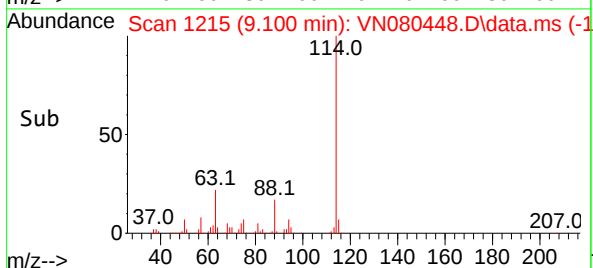
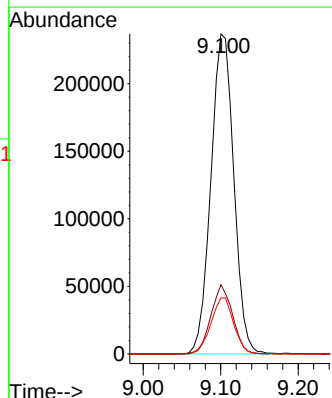
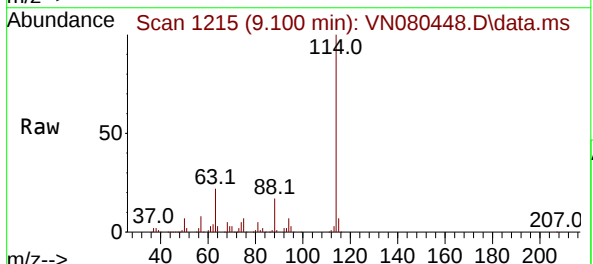
Tgt Ion:114 Resp: 486021

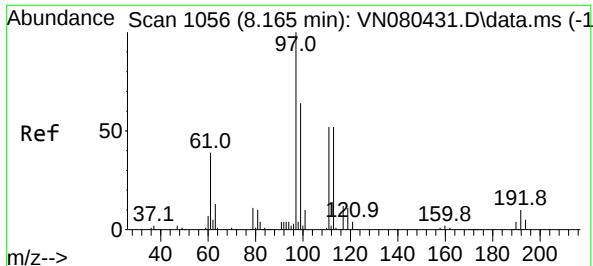
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

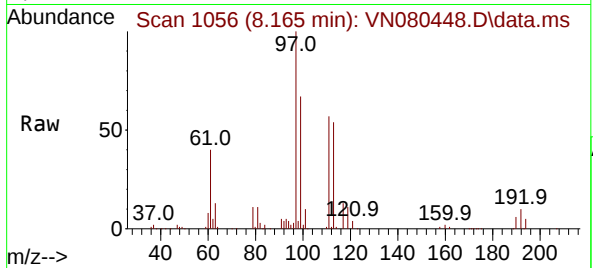
88 17.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.048 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

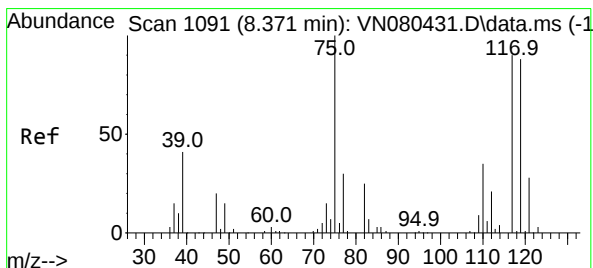
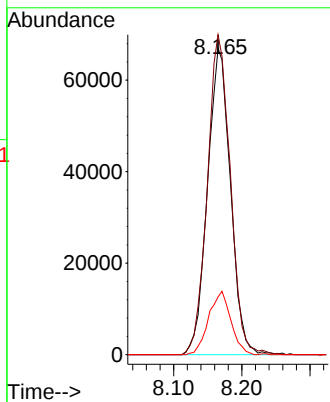
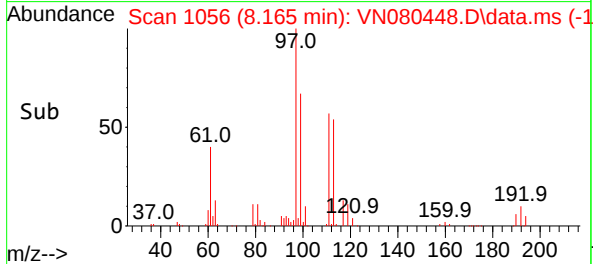
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



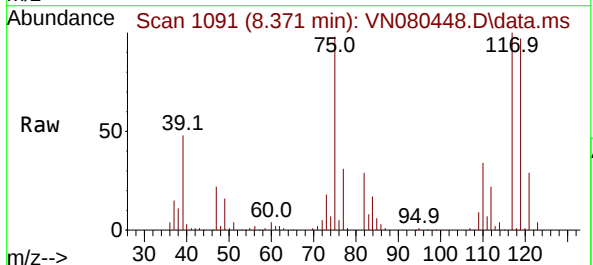
Tgt Ion: 113 Resp: 157308
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 20.0 12.7 19.1

Manual Integrations
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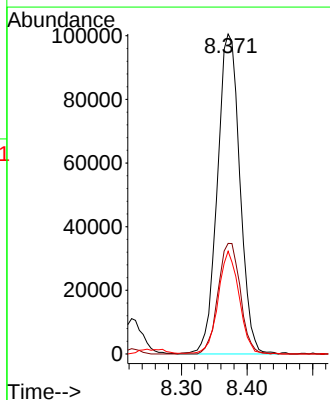
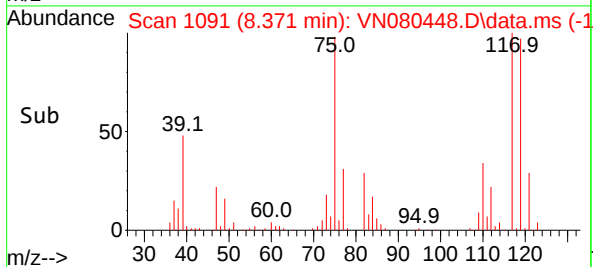
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

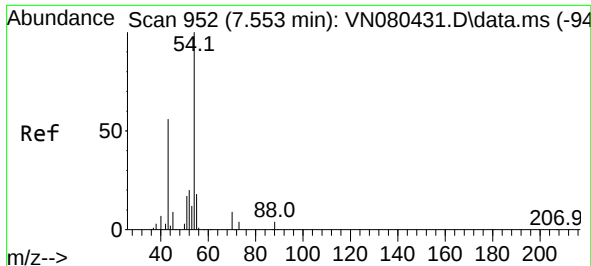


#36
1,1-Dichloropropene
Concen: 47.435 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25



Tgt Ion: 75 Resp: 239002
Ion Ratio Lower Upper
75 100
110 34.3 19.1 57.3
77 30.0 25.0 37.4





#37

Ethyl Acetate

Concen: 48.168 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080448.D

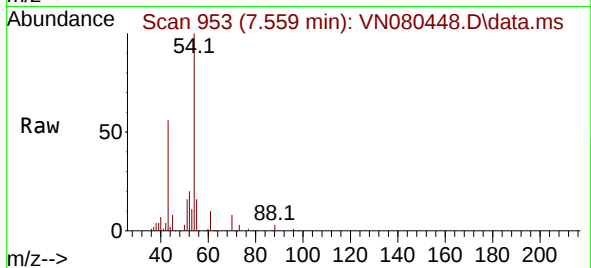
Acq: 12 Dec 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



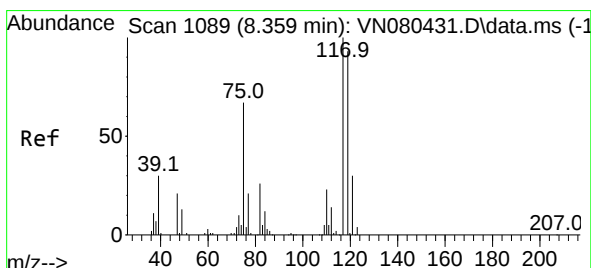
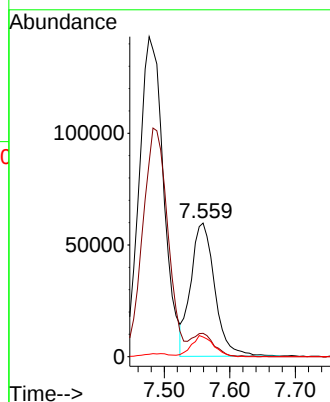
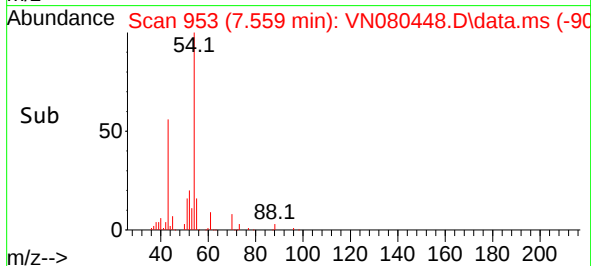
Tgt Ion:	43	Resp:	151978
Ion	Ratio	Lower	Upper
43	100		
61	16.1	13.2	19.8
70	14.6	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#38

Carbon Tetrachloride

Concen: 47.327 ug/l

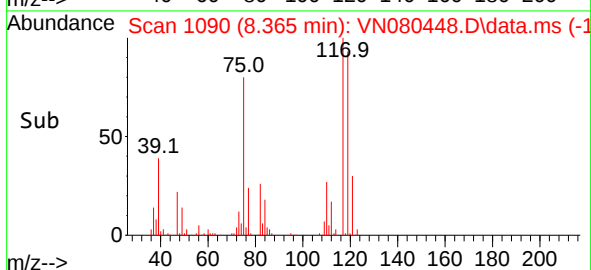
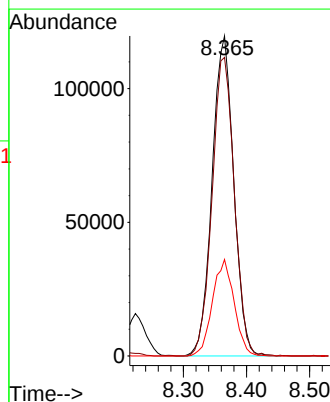
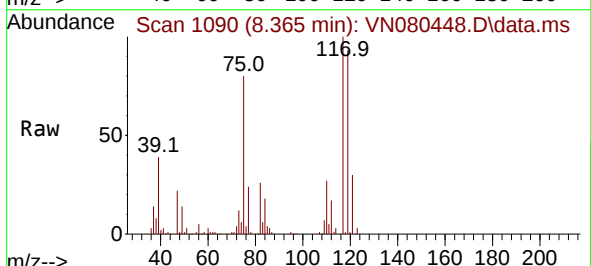
RT: 8.365 min Scan# 1090

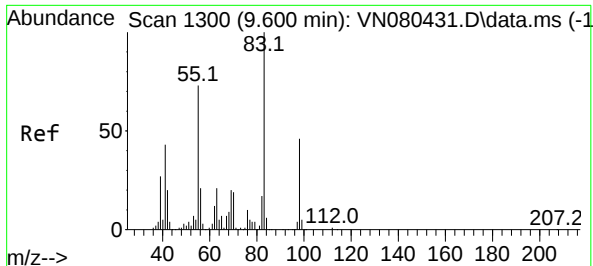
Delta R.T. 0.006 min

Lab File: VN080448.D

Acq: 12 Dec 2023 19:25

Tgt Ion:	117	Resp:	284932
Ion	Ratio	Lower	Upper
117	100		
119	93.3	77.3	115.9
121	30.1	23.3	34.9





#39

Methylcyclohexane

Concen: 44.928 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080448.D

Acq: 12 Dec 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 23516

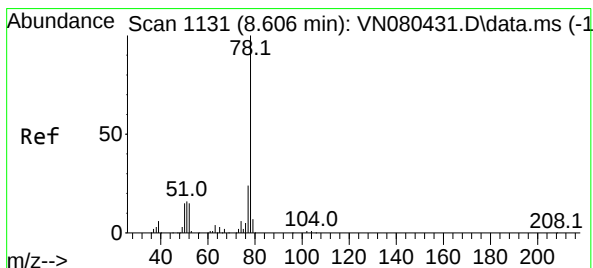
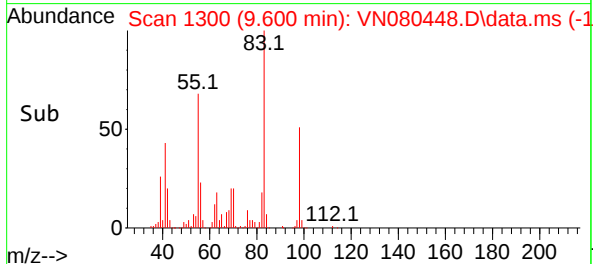
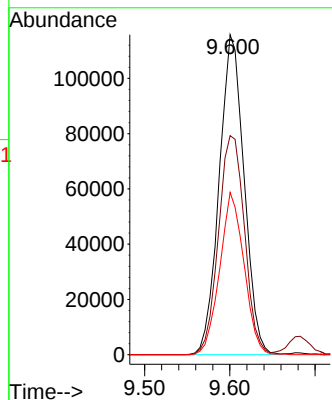
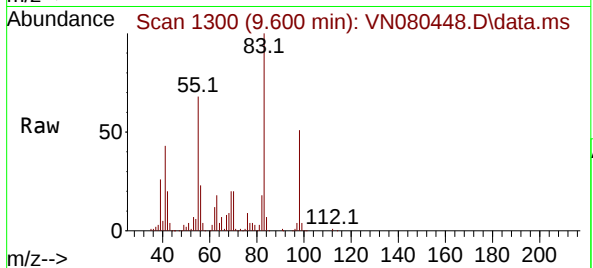
Ion	Ratio	Lower	Upper
83	100		
55	68.5	49.1	73.7
98	50.7	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#40

Benzene

Concen: 46.586 ug/l

RT: 8.606 min Scan# 1131

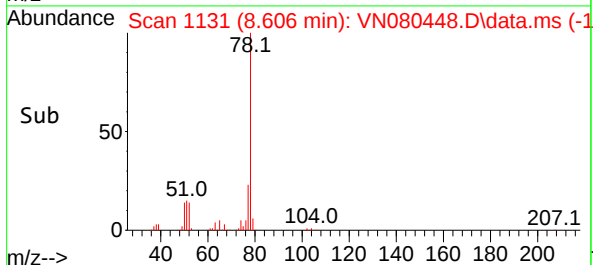
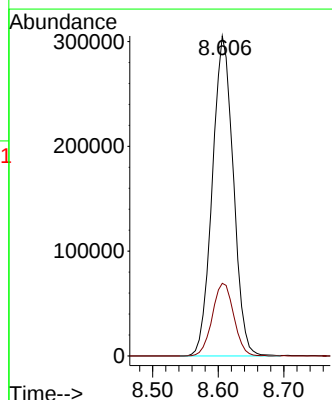
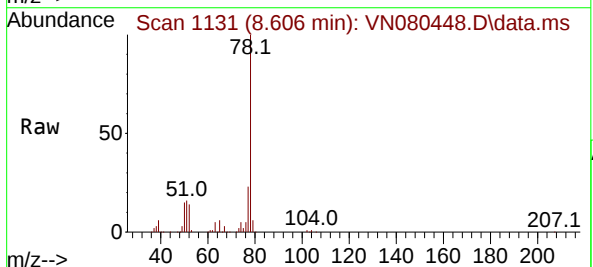
Delta R.T. 0.000 min

Lab File: VN080448.D

Acq: 12 Dec 2023 19:25

Tgt Ion: 78 Resp: 677813

Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.0	28.6





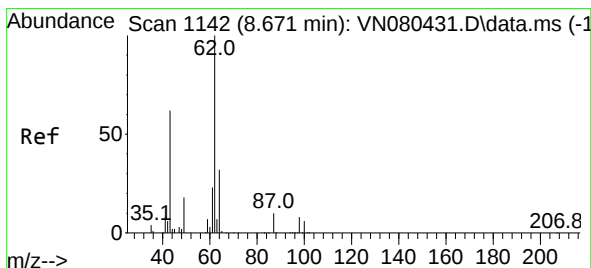
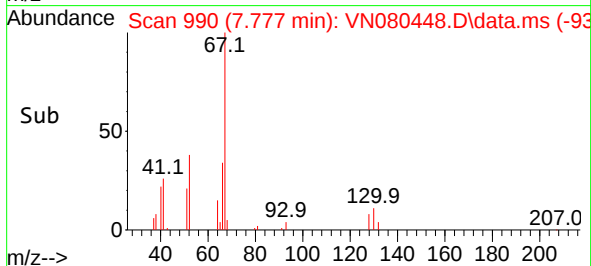
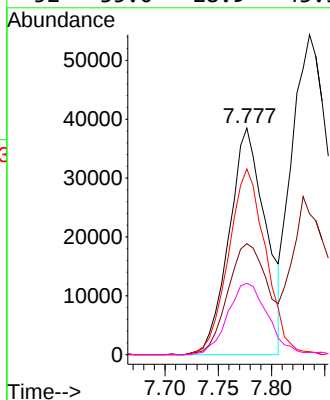
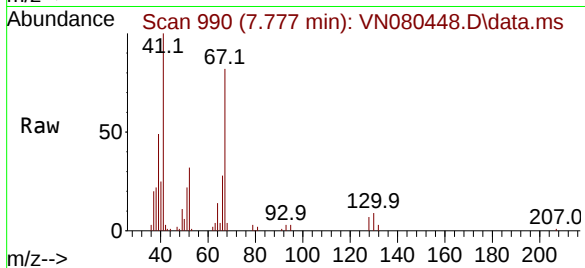
#41
Methacrylonitrile
Concen: 50.589 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	9202
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.6	64.0
67	83.8	77.5	116.3
52	35.0	28.9	43.3

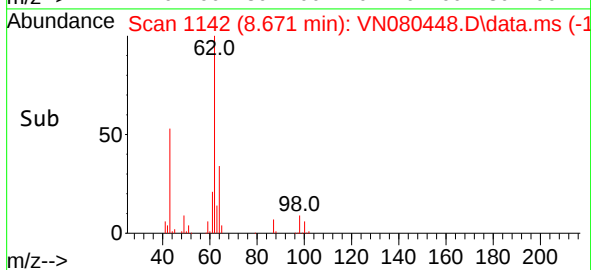
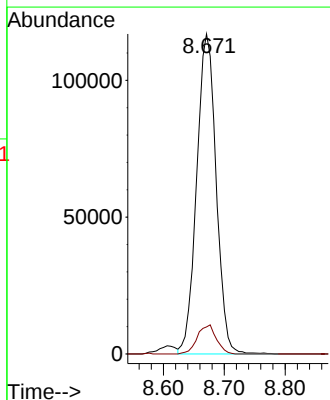
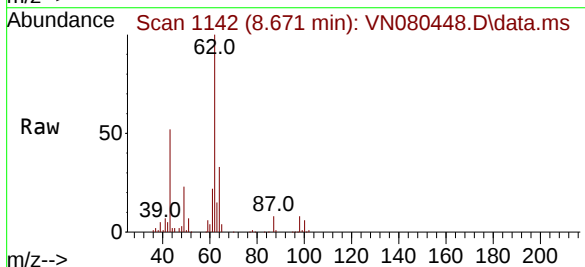
Manual Integrations
APPROVED

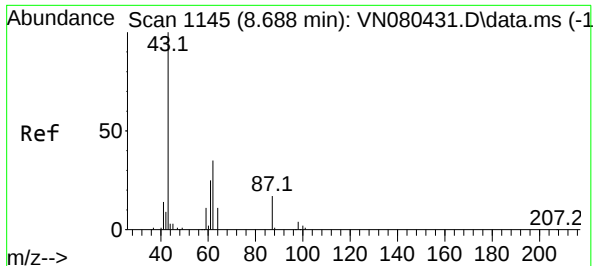
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#42
1,2-Dichloroethane
Concen: 48.236 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

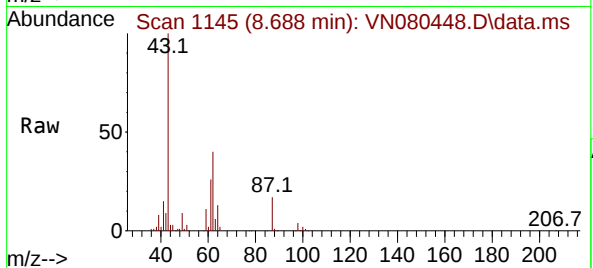
Tgt Ion:	62	Resp:	259891
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.8





#43
Isopropyl Acetate
Concen: 48.422 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

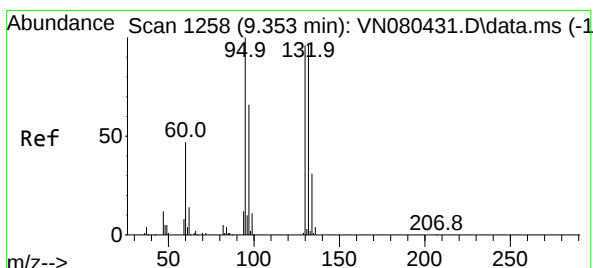
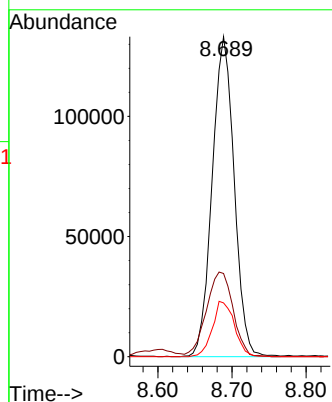
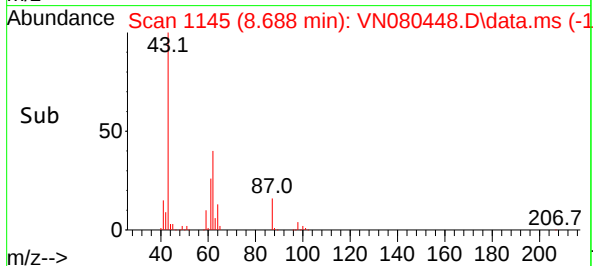
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 27470
Ion Ratio Lower Upper
43 100
61 32.0 24.7 37.1
87 17.3 14.6 21.8

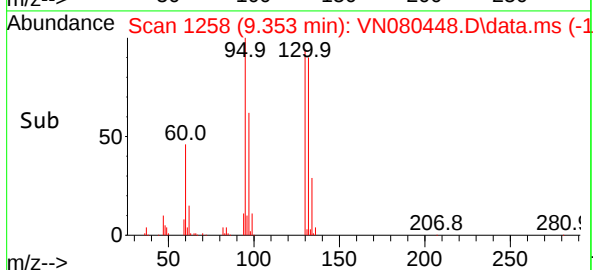
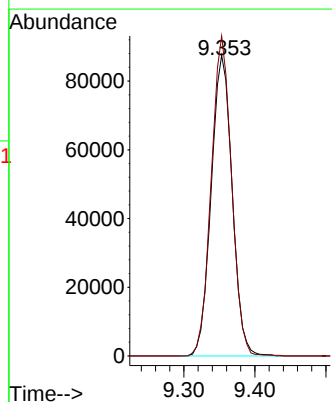
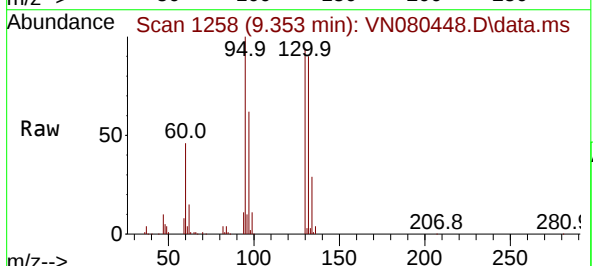
Manual Integrations
APPROVED

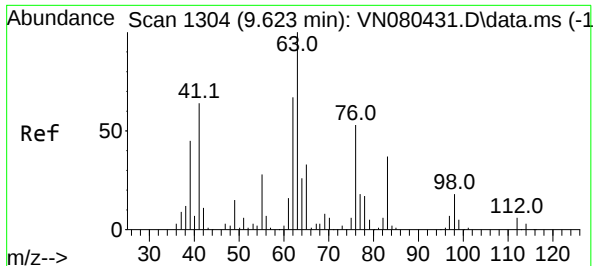
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#44
Trichloroethene
Concen: 45.649 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

Tgt Ion:130 Resp: 179054
Ion Ratio Lower Upper
130 100
95 106.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 45.888 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080448.D

Acq: 12 Dec 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 156810

Ion Ratio Lower Upper

63 100

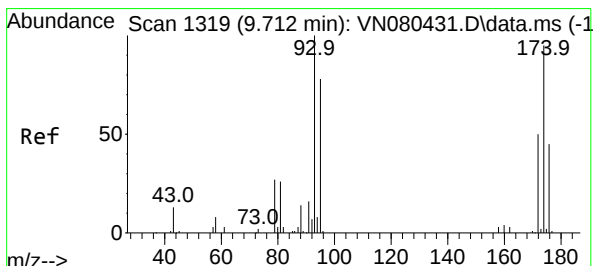
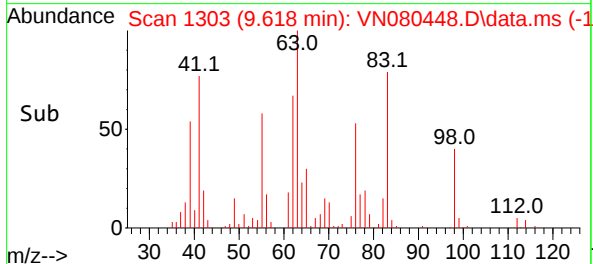
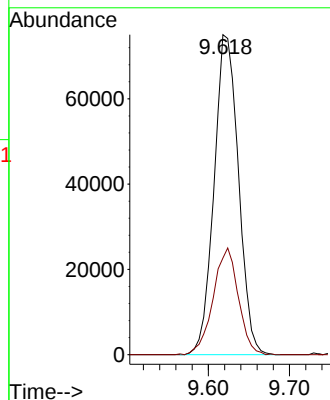
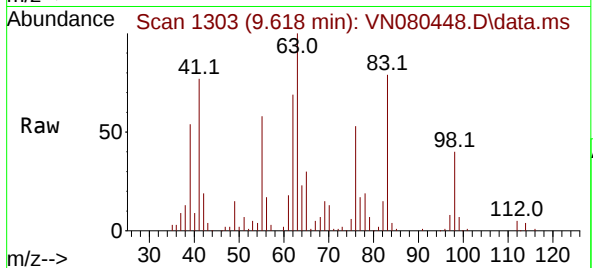
65 30.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#46

Dibromomethane

Concen: 47.057 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080448.D

Acq: 12 Dec 2023 19:25

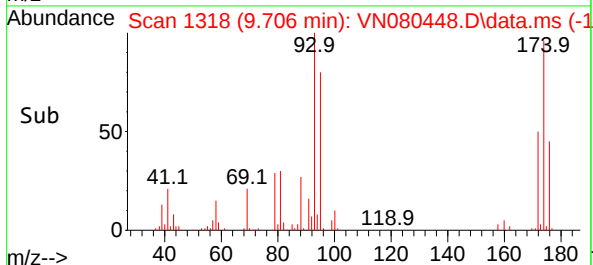
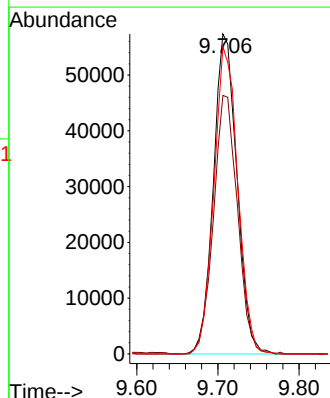
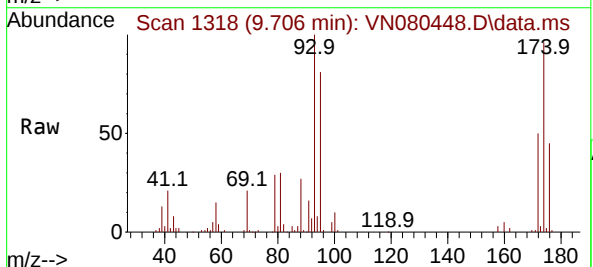
Tgt Ion: 93 Resp: 115480

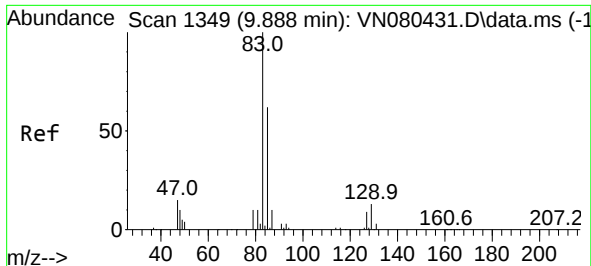
Ion Ratio Lower Upper

93 100

95 82.5 63.8 95.8

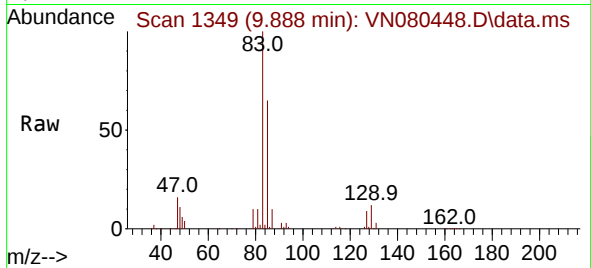
174 97.6 65.6 98.4





#47
Bromodichloromethane
Concen: 48.770 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

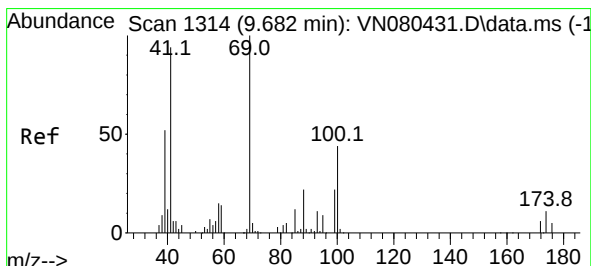
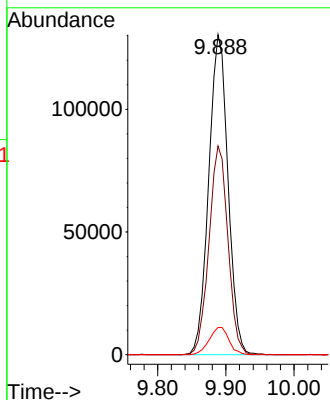
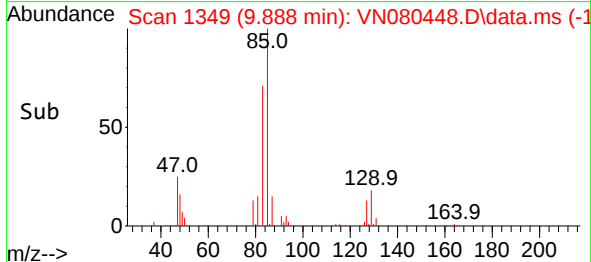
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



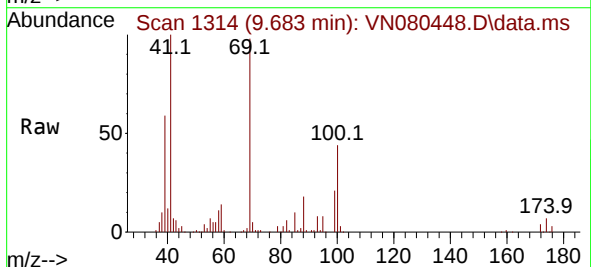
Tgt Ion: 83 Resp: 25650
Ion Ratio Lower Upper
83 100
85 65.2 49.6 74.4
127 8.5 7.0 10.6

Manual Integrations
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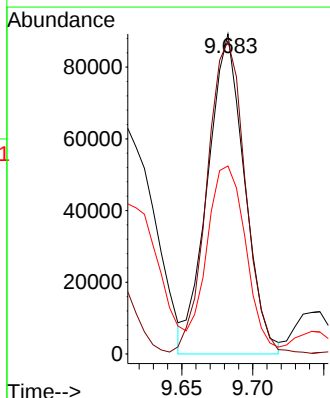
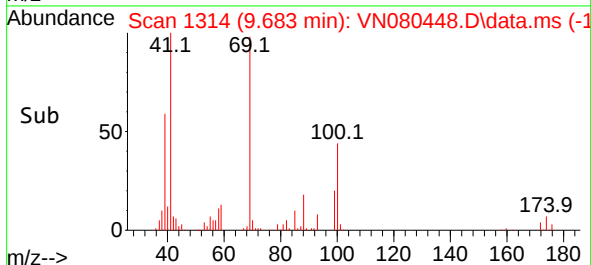
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

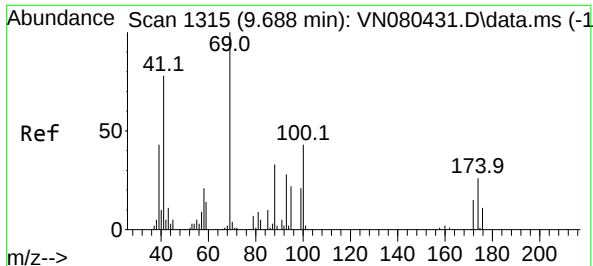


#48
Methyl methacrylate
Concen: 47.690 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25



Tgt Ion: 41 Resp: 161451
Ion Ratio Lower Upper
41 100
69 101.1 90.4 135.6
39 62.0 54.6 81.8





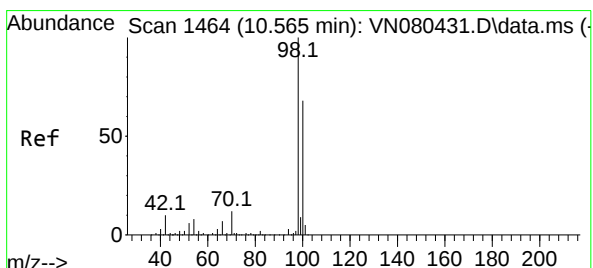
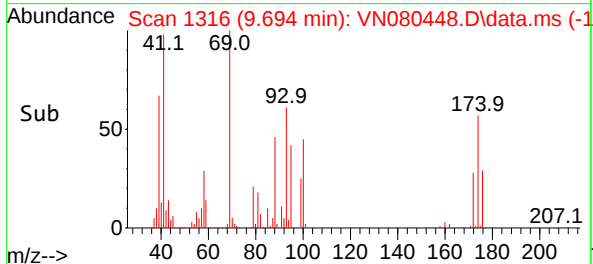
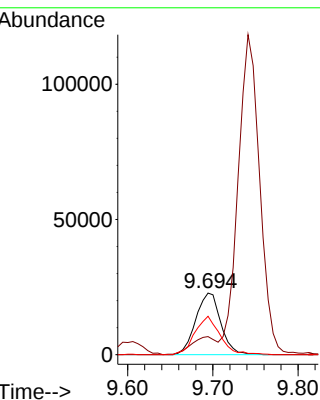
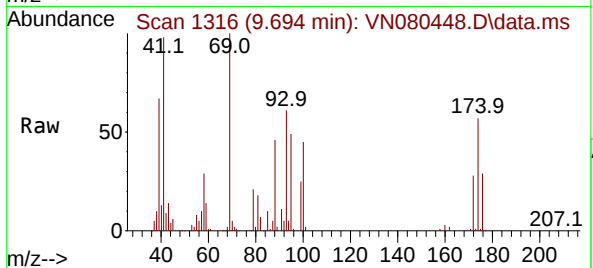
#49
1,4-Dioxane
Concen: 905.172 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 46448
Ion Ratio Lower Upper
88 100
43 29.3 17.0 25.6
58 62.8 47.0 70.4

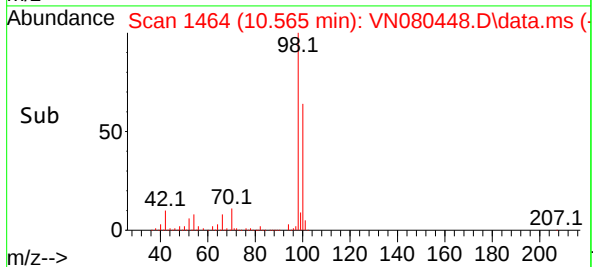
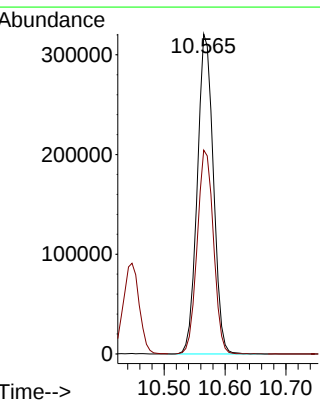
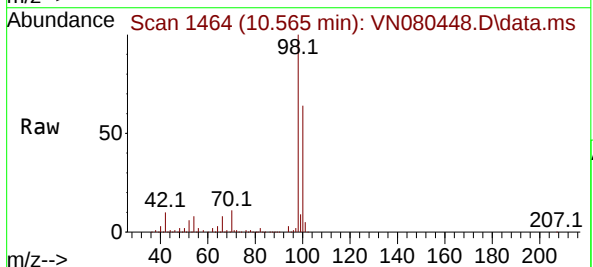
Manual Integrations
APPROVED

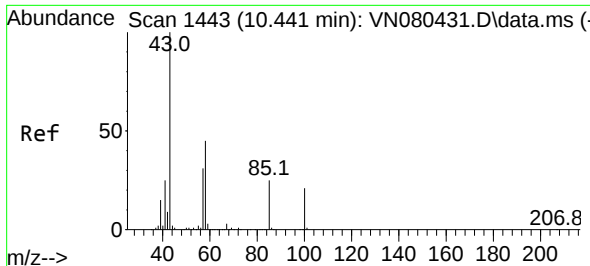
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#50
Toluene-d8
Concen: 51.098 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

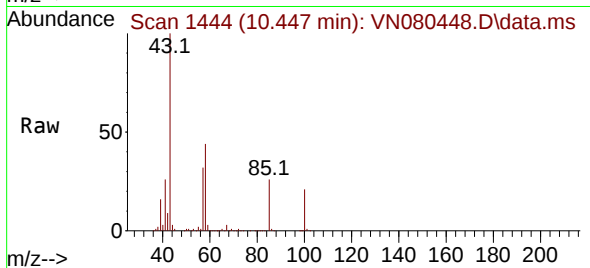
Tgt Ion: 98 Resp: 587247
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 248.435 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

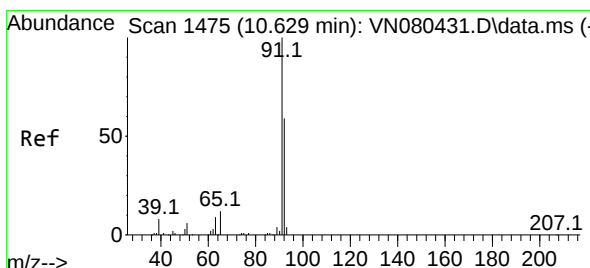
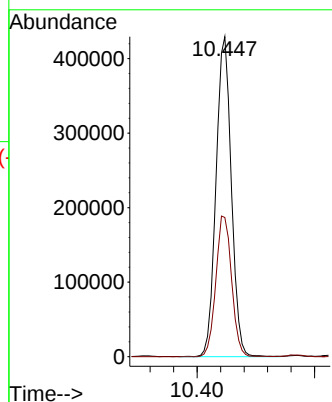
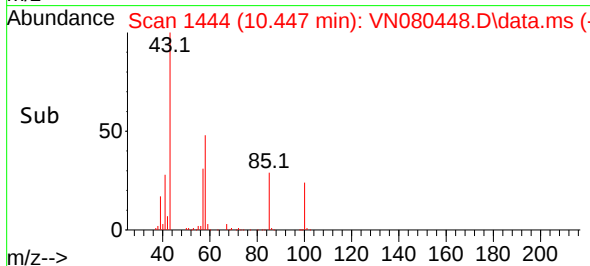
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



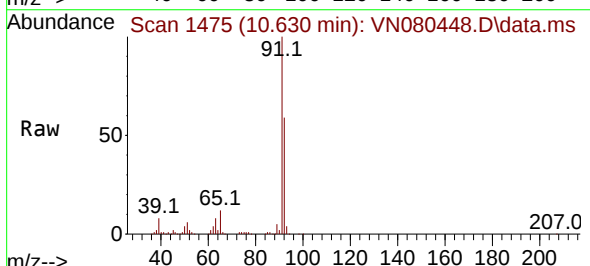
Tgt Ion: 43 Resp: 776210
Ion Ratio Lower Upper
43 100
58 45.3 36.6 54.8

Manual Integrations
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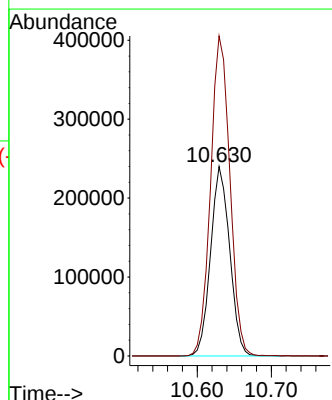
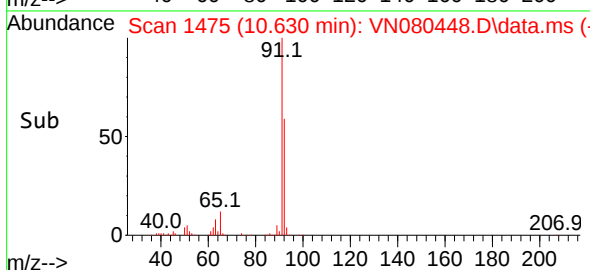
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

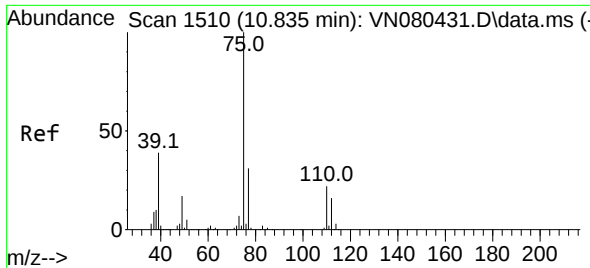


#52
Toluene
Concen: 46.717 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25



Tgt Ion: 92 Resp: 429396
Ion Ratio Lower Upper
92 100
91 171.2 137.4 206.0





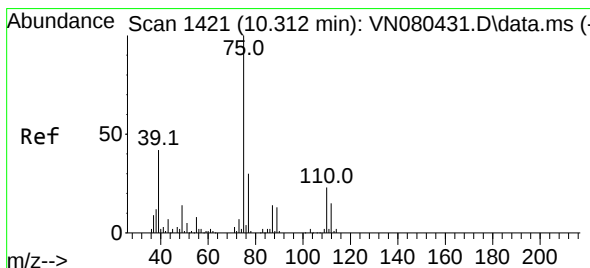
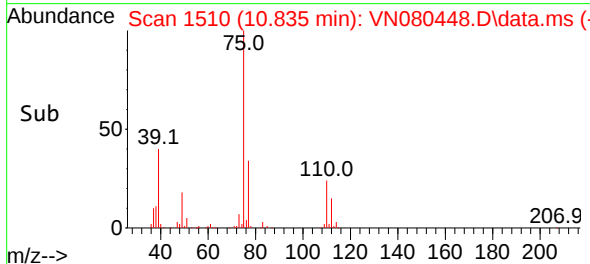
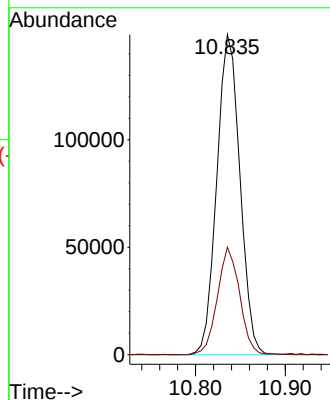
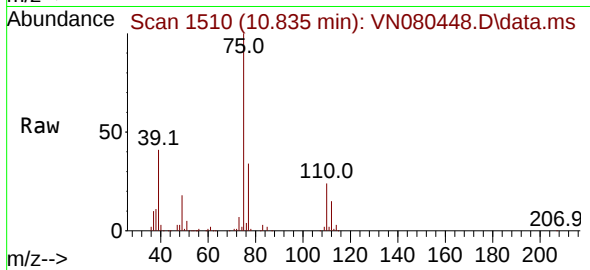
#53
t-1,3-Dichloropropene
Concen: 46.835 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 266518
Ion Ratio Lower Upper
75 100
77 33.6 25.4 38.0

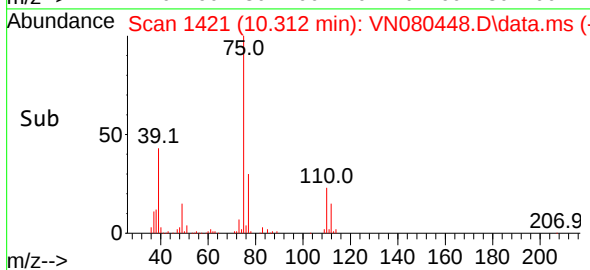
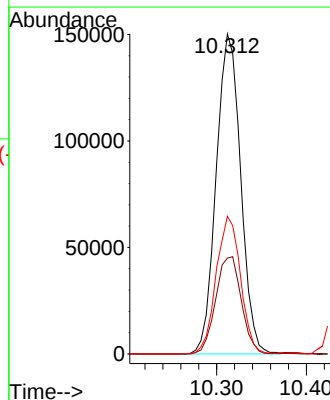
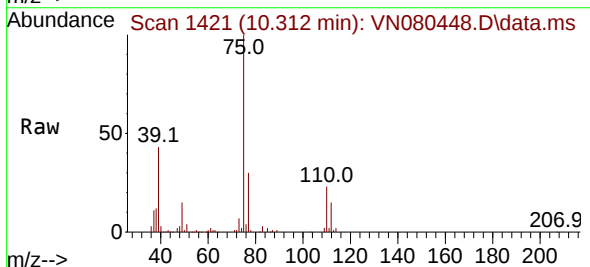
Manual Integrations
APPROVED

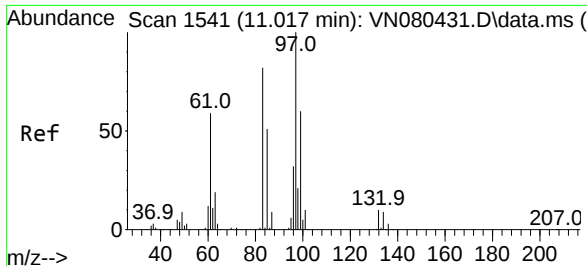
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#54
cis-1,3-Dichloropropene
Concen: 46.812 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

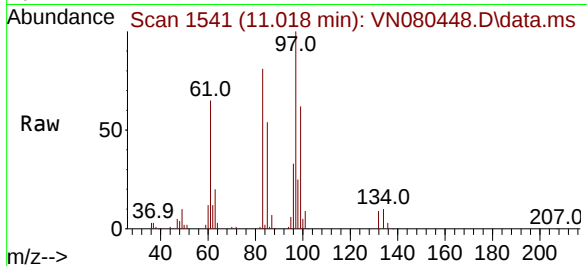
Tgt Ion: 75 Resp: 284727
Ion Ratio Lower Upper
75 100
77 30.0 26.1 39.1
39 43.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 48.452 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

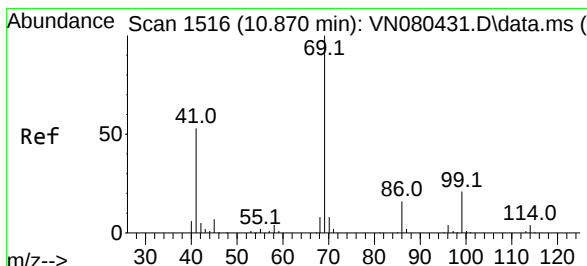
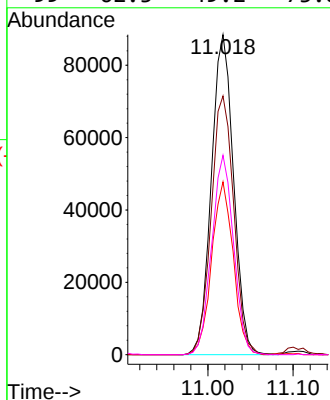
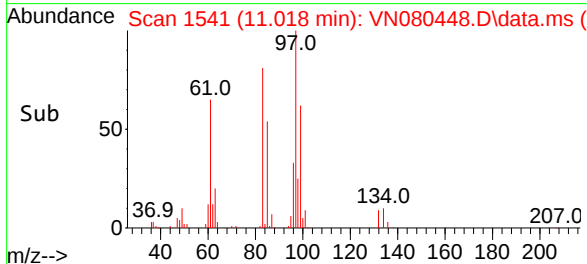


Tgt Ion: 97 Resp: 16024

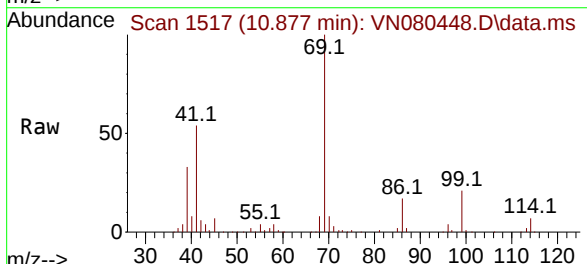
Ion	Ratio	Lower	Upper
97	100		
83	80.8	65.1	97.7
85	54.0	43.4	65.2
99	62.3	49.2	73.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

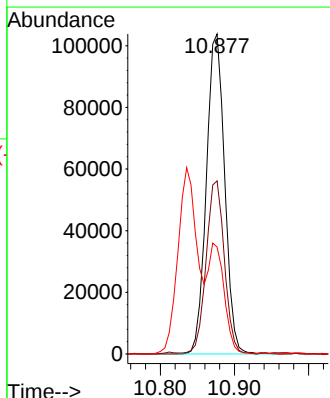
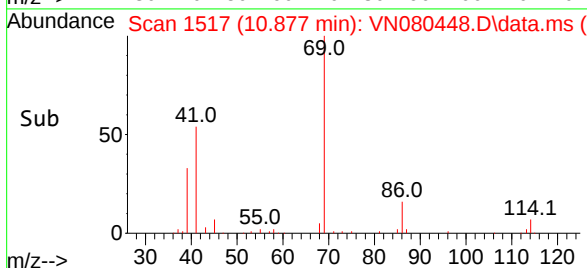


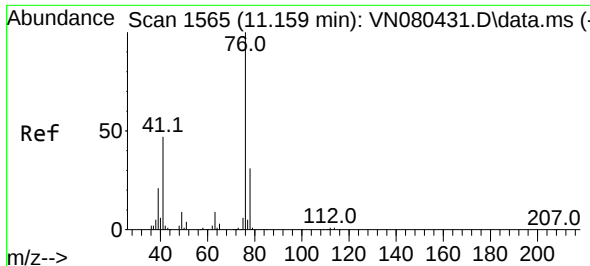
#56
Ethyl methacrylate
Concen: 48.533 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25



Tgt Ion: 69 Resp: 177709

Ion	Ratio	Lower	Upper
69	100		
41	54.1	39.6	59.4
39	30.4	28.6	43.0





#57

1,3-Dichloropropane

Concen: 47.698 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN080448.D

Acq: 12 Dec 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 276530

Ion Ratio Lower Upper

76 100

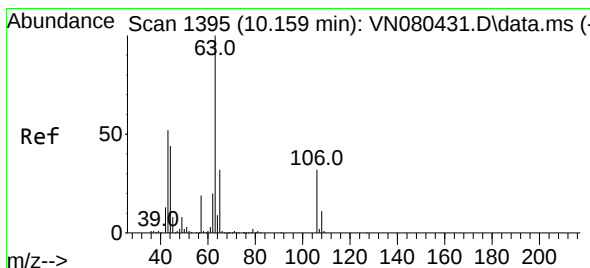
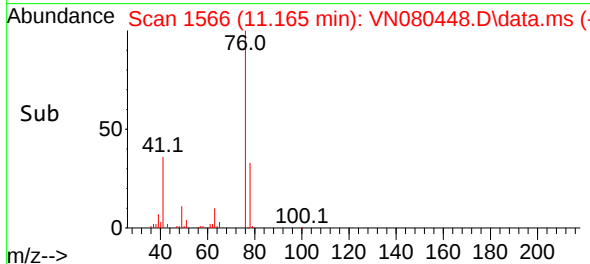
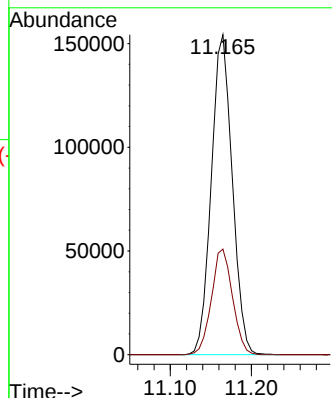
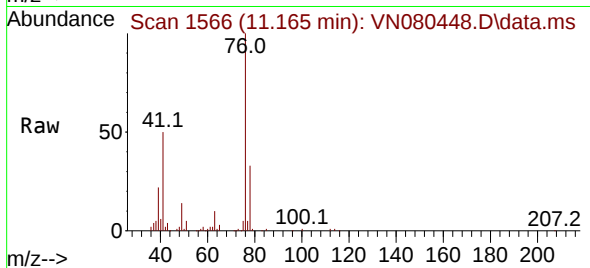
78 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 241.710 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080448.D

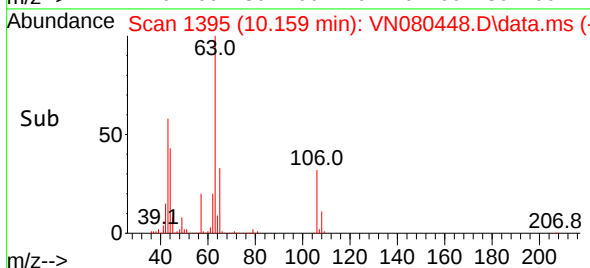
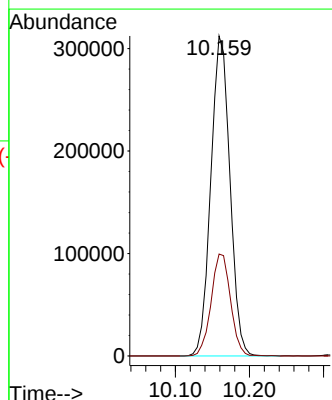
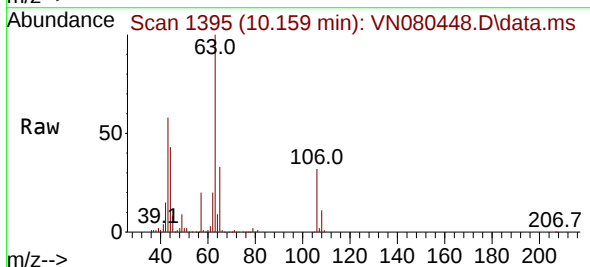
Acq: 12 Dec 2023 19:25

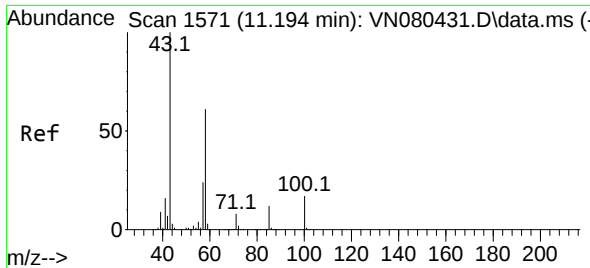
Tgt Ion: 63 Resp: 558733

Ion Ratio Lower Upper

63 100

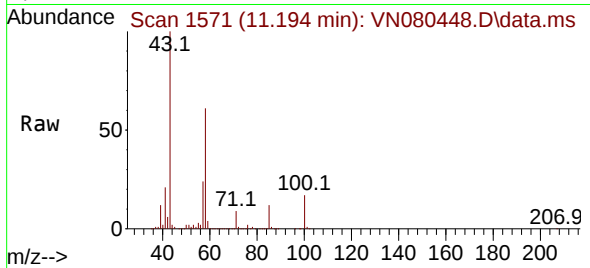
106 32.4 26.2 39.4





#59
2-Hexanone
Concen: 248.406 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

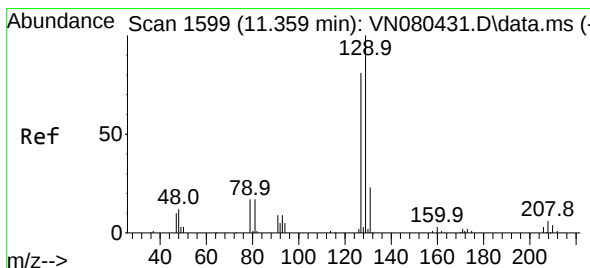
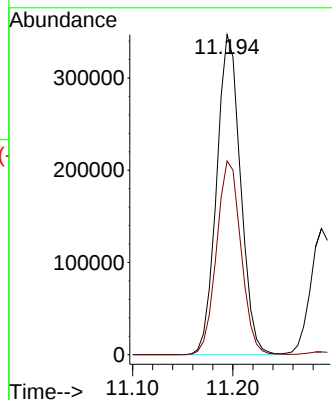
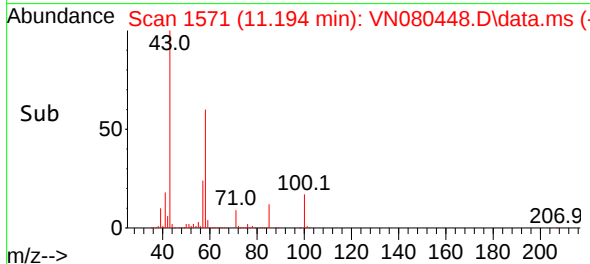
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 572961
Ion Ratio Lower Upper
43 100
58 62.0 31.7 95.1

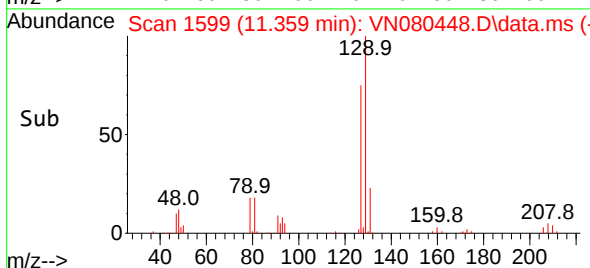
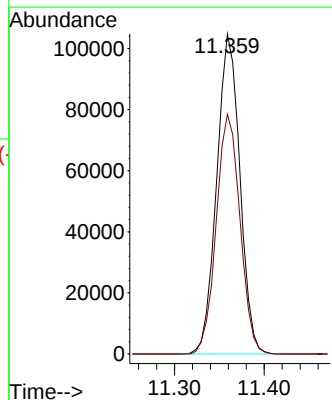
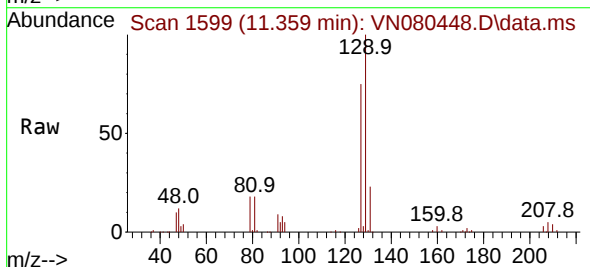
Manual Integrations
APPROVED

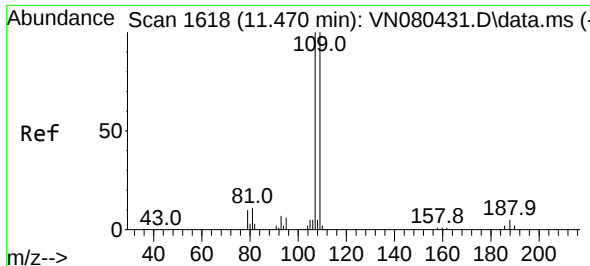
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#60
Dibromochloromethane
Concen: 47.885 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

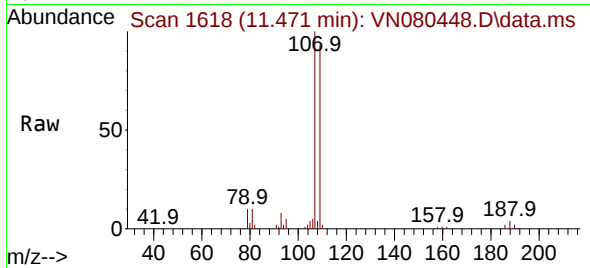
Tgt Ion:129 Resp: 187661
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 47.795 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

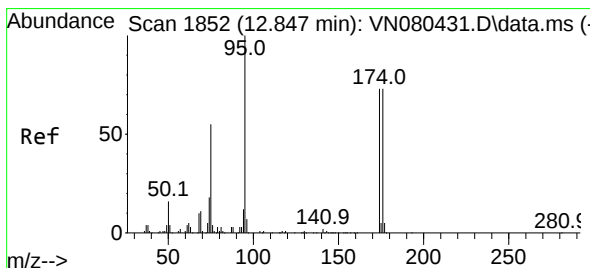
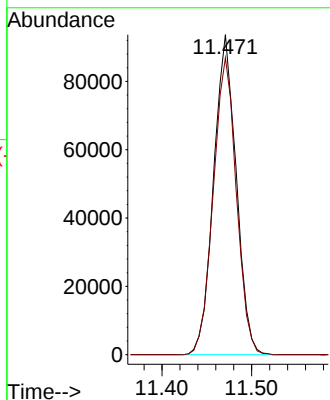
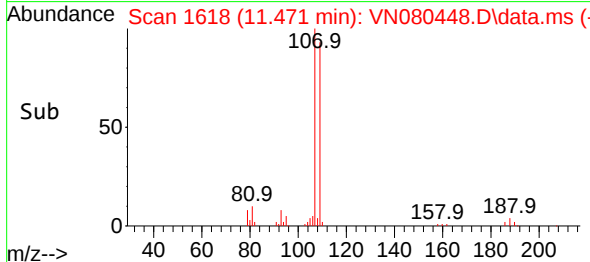
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



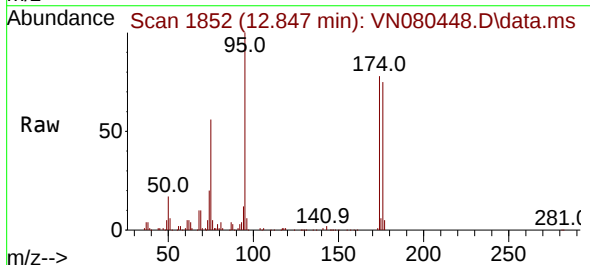
Tgt Ion:107 Resp: 163602
Ion Ratio Lower Upper
107 100
109 94.9 76.6 114.8

Manual Integrations
APPROVED

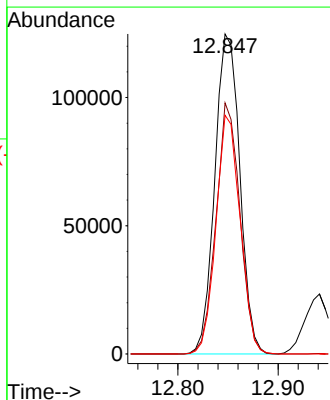
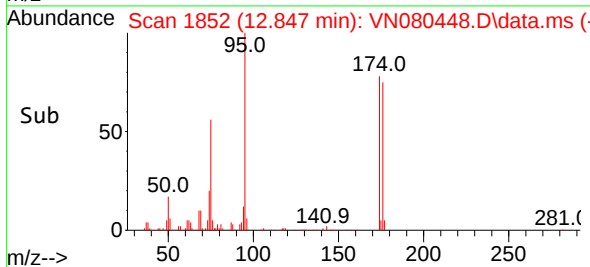
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

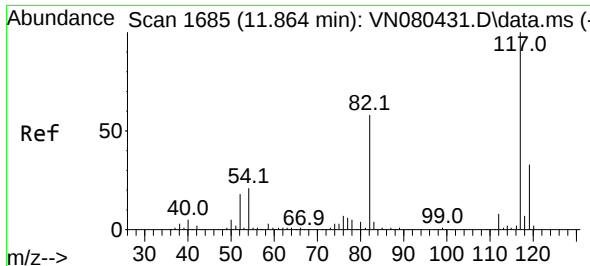


#62
4-Bromofluorobenzene
Concen: 49.457 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25



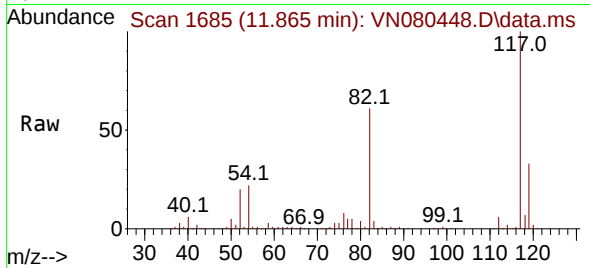
Tgt Ion: 95 Resp: 215833
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 72.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

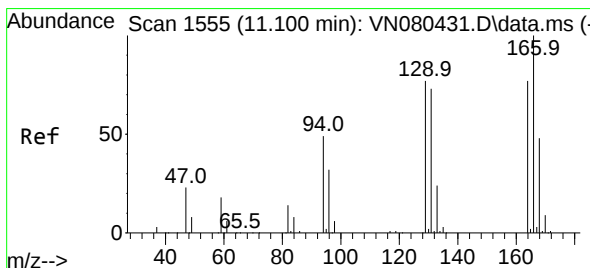
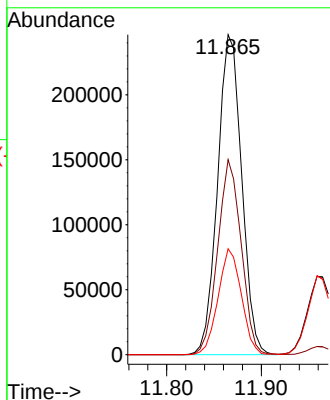
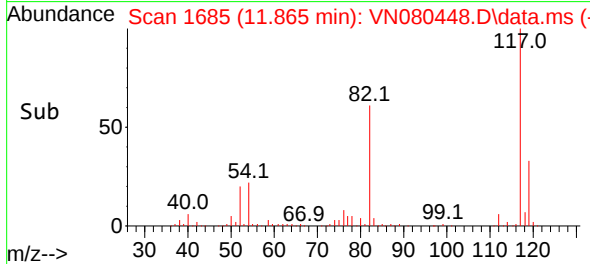
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 43643
Ion Ratio Lower Upper
117 100
82 61.0 44.0 66.0
119 33.1 25.6 38.4

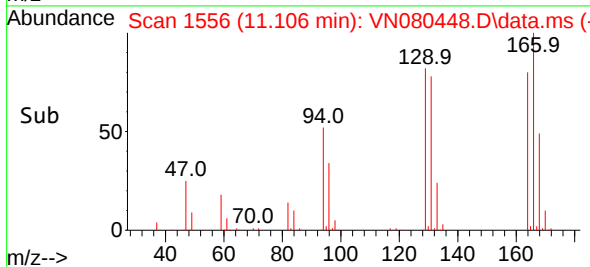
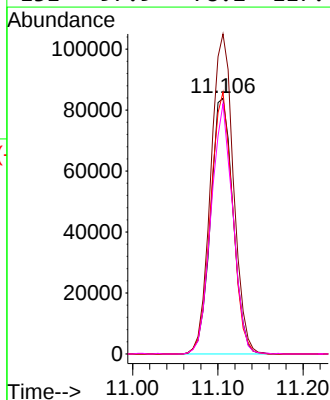
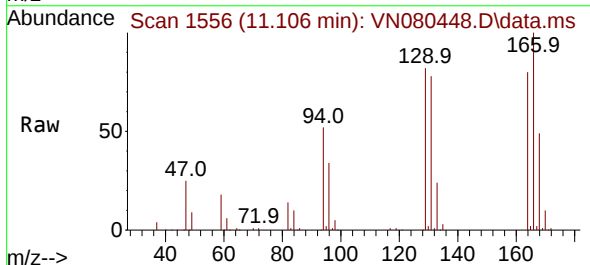
Manual Integrations
APPROVED

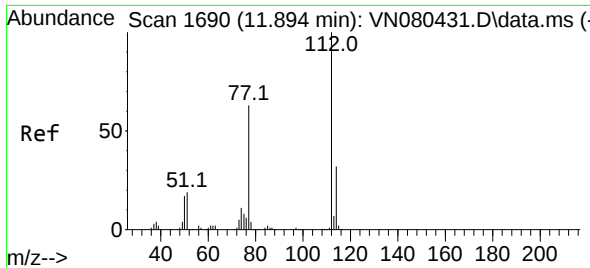
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#64
Tetrachloroethene
Concen: 45.326 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

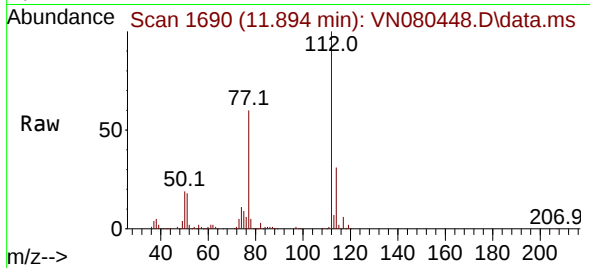
Tgt Ion:164 Resp: 152731
Ion Ratio Lower Upper
164 100
166 125.2 101.4 152.0
129 102.4 82.4 123.6
131 97.9 78.2 117.4





#65
Chlorobenzene
Concen: 45.996 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

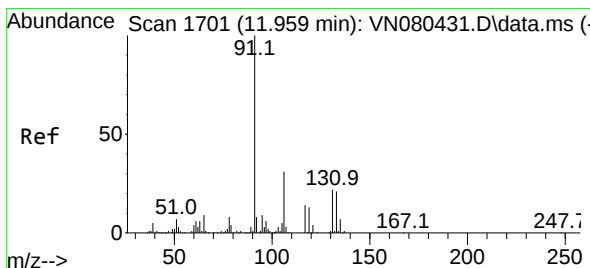
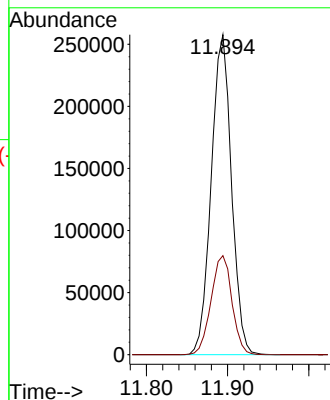
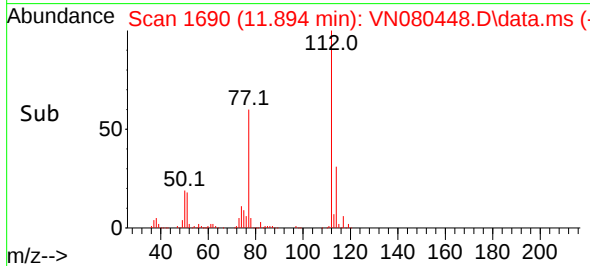
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 44655
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.4

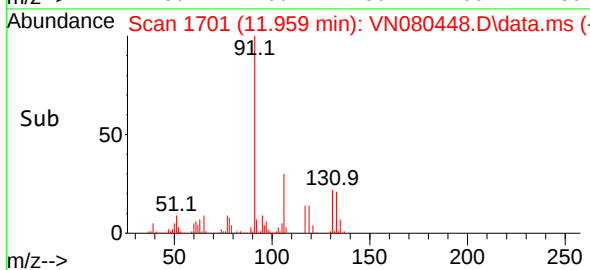
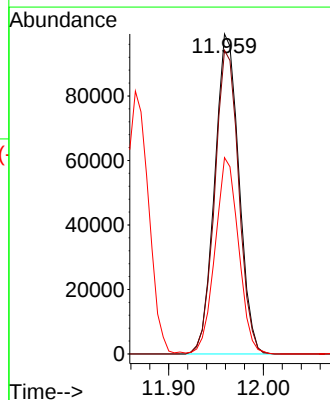
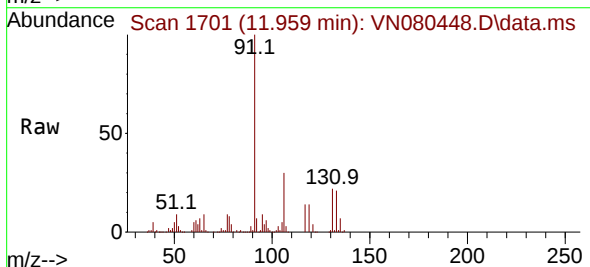
Manual Integrations
APPROVED

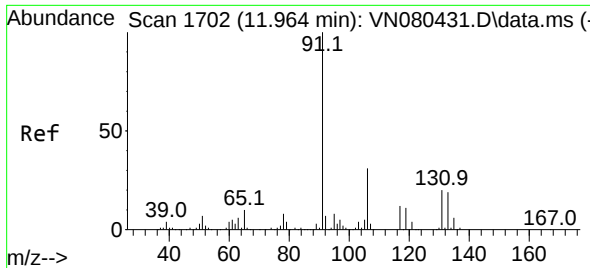
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 46.259 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

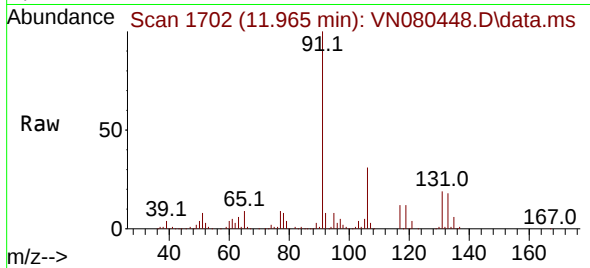
Tgt Ion:131 Resp: 176222
Ion Ratio Lower Upper
131 100
133 94.2 46.4 139.1
119 59.7 34.1 102.2





#67
Ethyl Benzene
Concen: 46.158 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

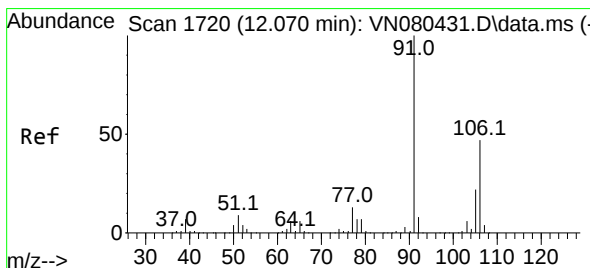
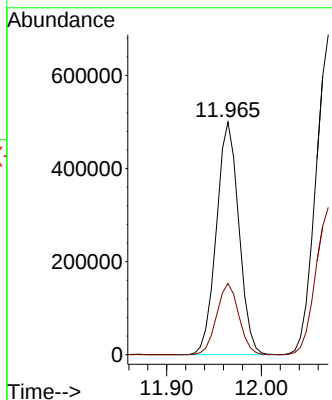
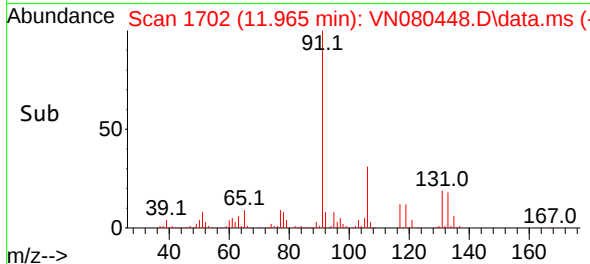
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



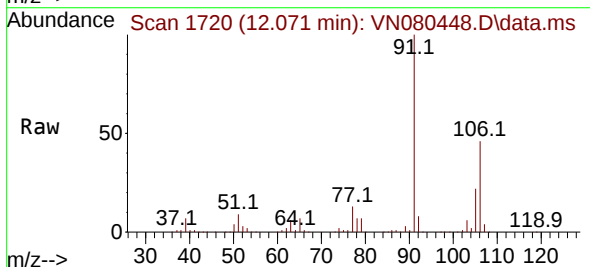
Tgt Ion: 91 Resp: 823990
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4

Manual Integrations
APPROVED

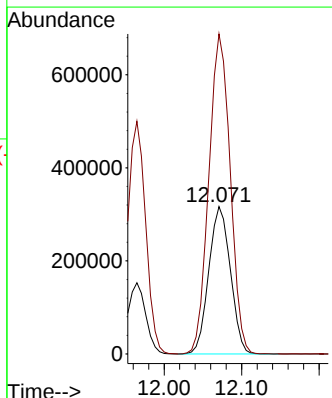
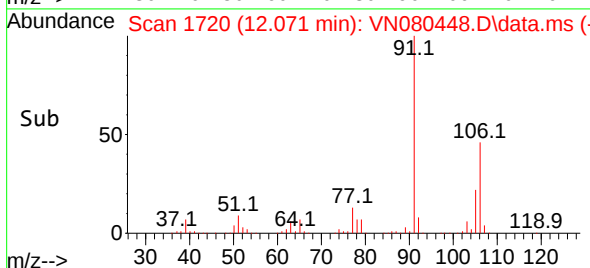
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

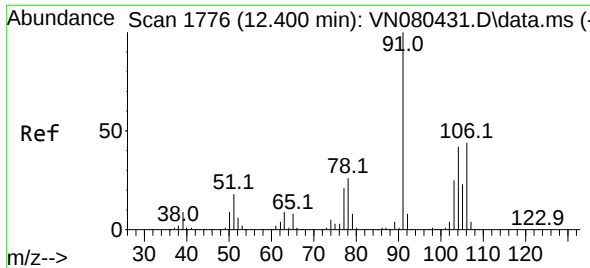


#68
m/p-Xylenes
Concen: 92.927 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25



Tgt Ion:106 Resp: 612995
Ion Ratio Lower Upper
106 100
91 215.3 159.6 239.4





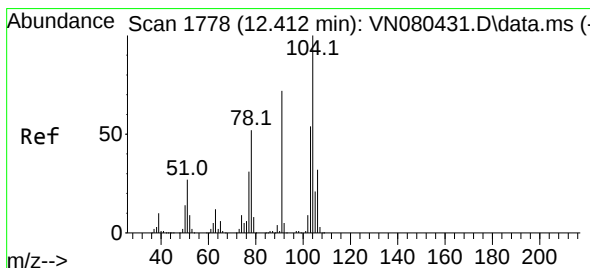
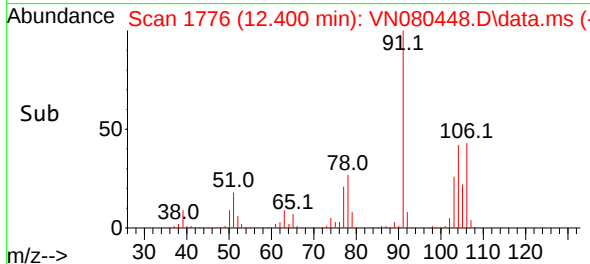
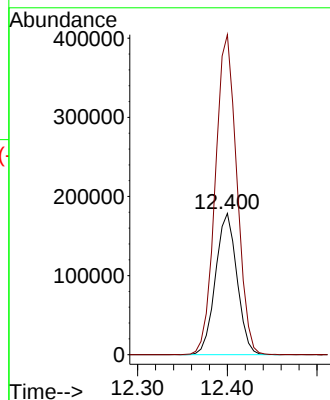
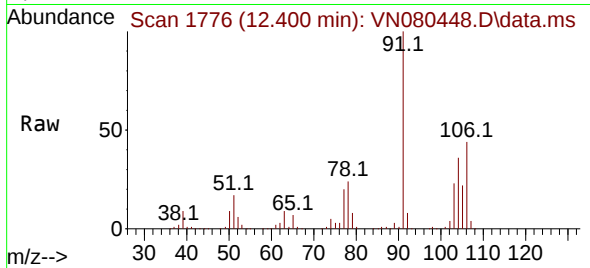
#69
o-Xylene
Concen: 46.048 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 29711
Ion Ratio Lower Upper
106 100
91 226.9 105.2 315.5

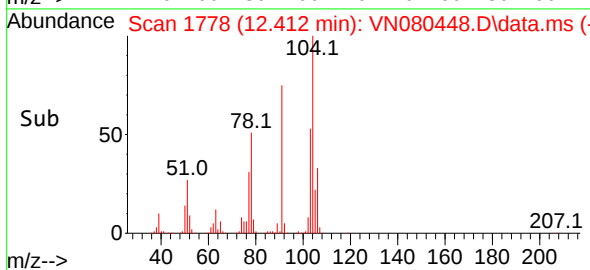
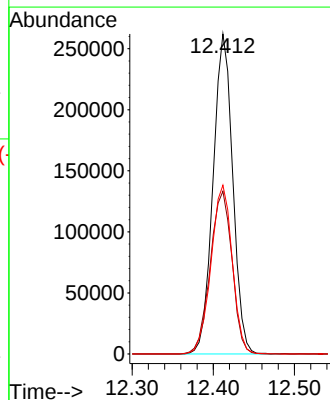
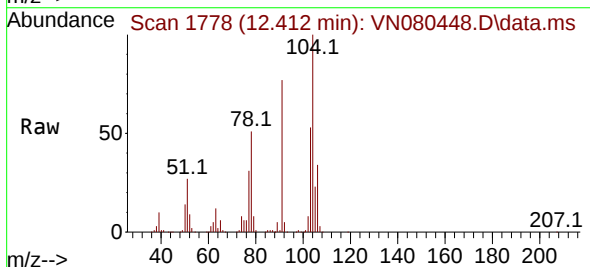
Manual Integrations
APPROVED

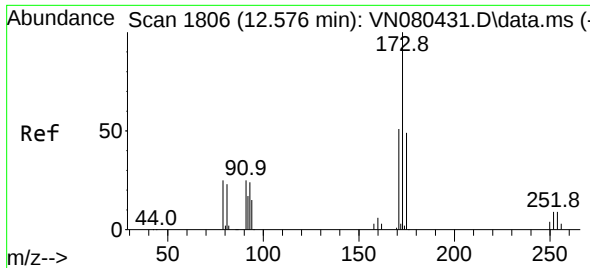
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#70
Styrene
Concen: 47.488 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

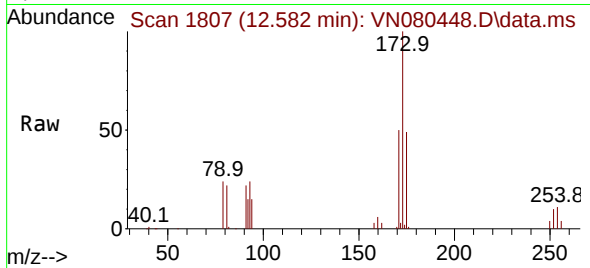
Tgt Ion:104 Resp: 441347
Ion Ratio Lower Upper
104 100
78 56.4 39.5 59.3
103 56.8 43.2 64.8





#71
Bromoform
Concen: 44.617 ug/l
RT: 12.582 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

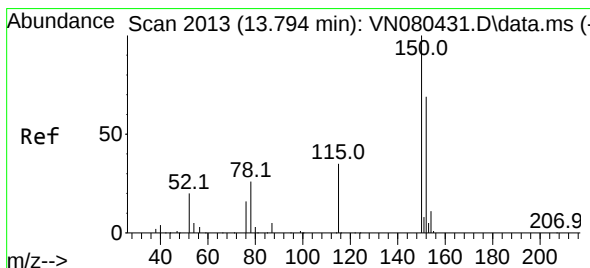
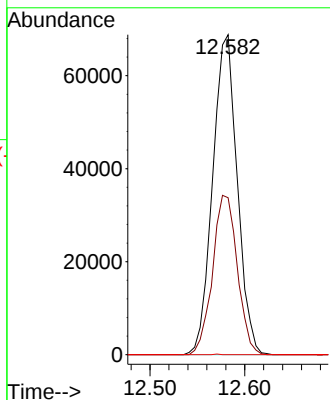
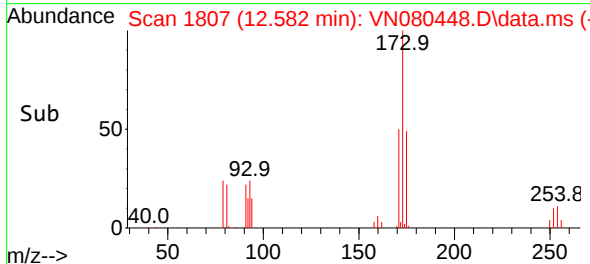
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



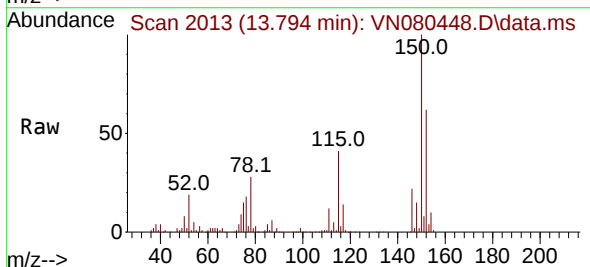
Tgt Ion:173 Resp: 123940
Ion Ratio Lower Upper
173 100
175 50.2 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

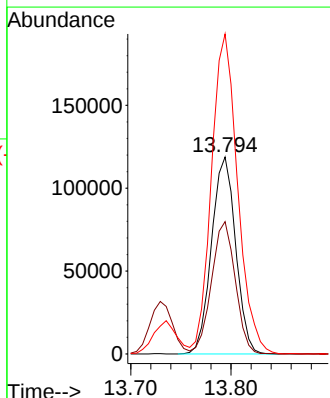
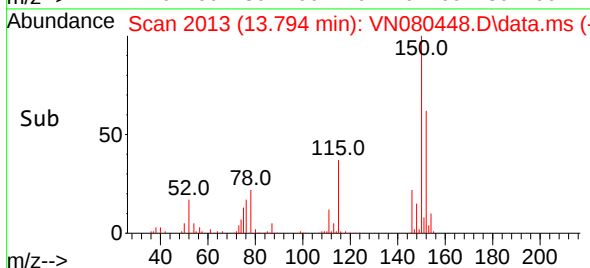
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

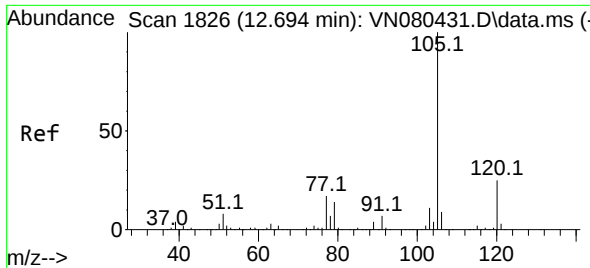


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25



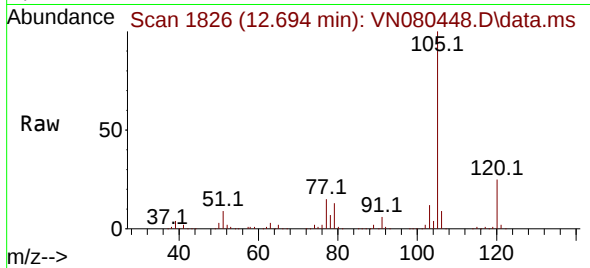
Tgt Ion:152 Resp: 198529
Ion Ratio Lower Upper
152 100
115 66.3 32.3 96.8
150 176.1 0.0 355.8





#73
Isopropylbenzene
Concen: 48.678 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

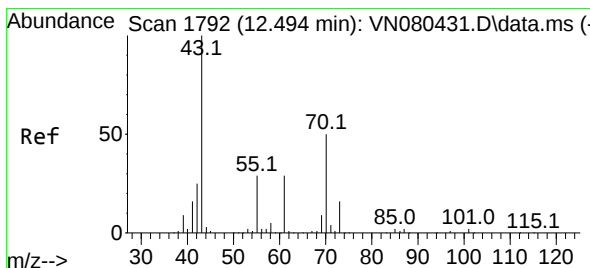
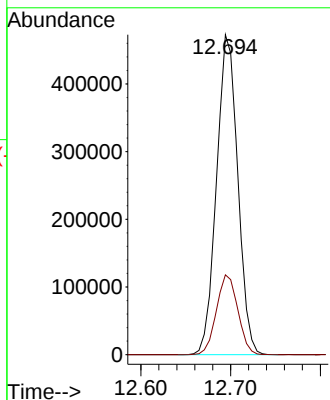
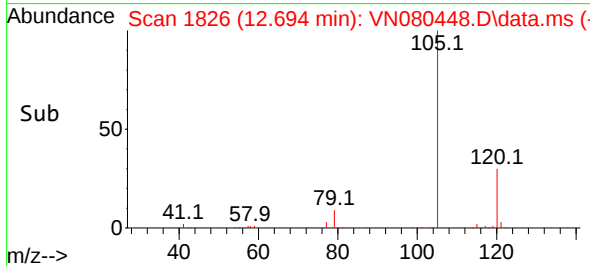
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



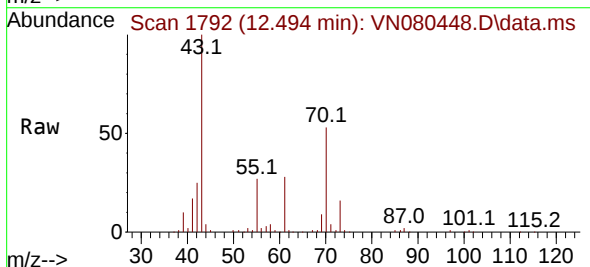
Tgt Ion:105 Resp: 776338
Ion Ratio Lower Upper
105 100
120 25.1 13.1 39.1

Manual Integrations
APPROVED

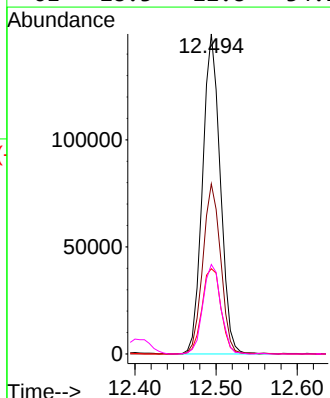
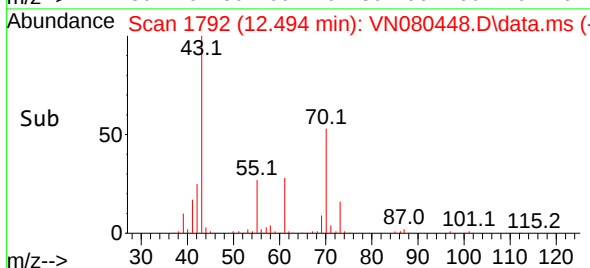
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

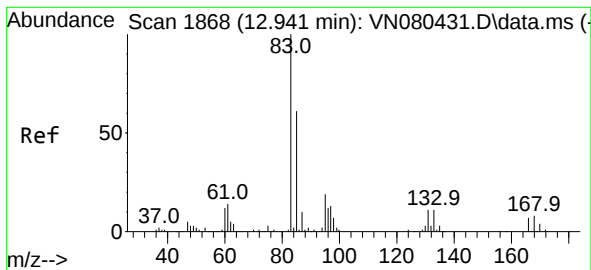


#74
N-ethyl acetate
Concen: 48.628 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25



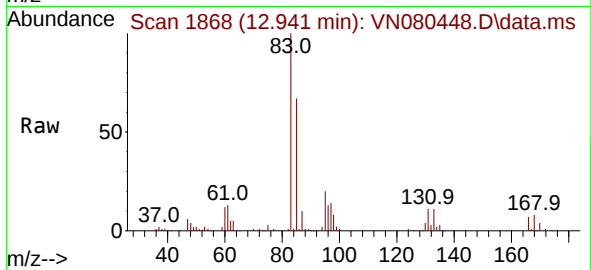
Tgt Ion: 43 Resp: 226473
Ion Ratio Lower Upper
43 100
70 53.4 43.4 65.2
55 28.8 21.4 32.0
61 28.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.124 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

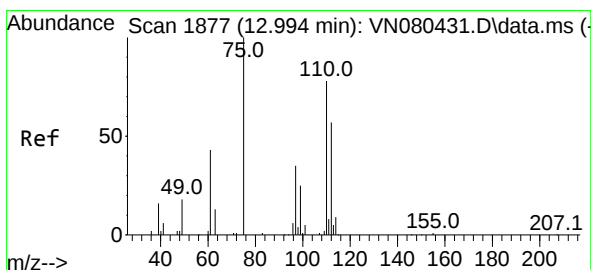
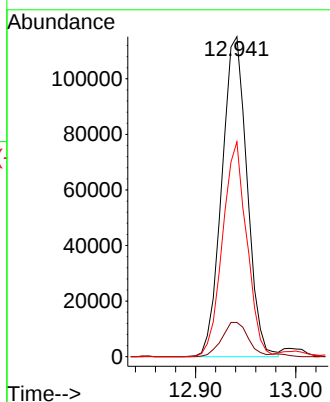
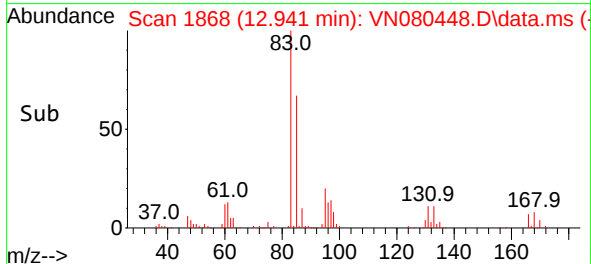
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



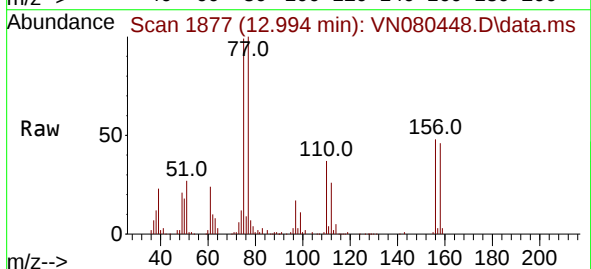
Tgt Ion: 83 Resp: 20138
Ion Ratio Lower Upper
83 100
131 11.8 5.0 15.0
85 64.3 31.9 95.7

Manual Integrations
APPROVED

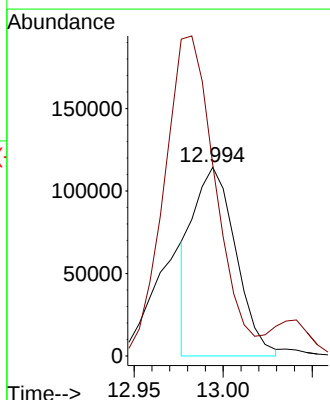
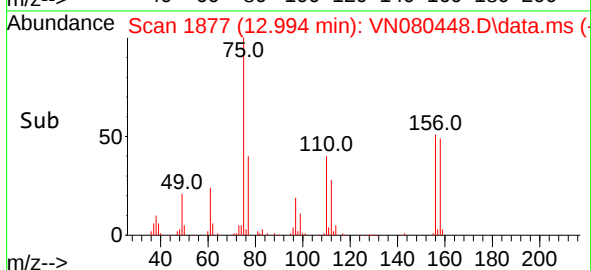
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

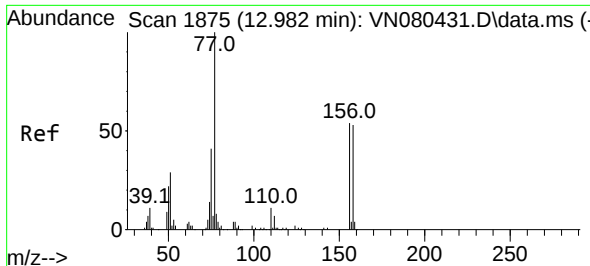


#76
1,2,3-Trichloropropane
Concen: 48.041 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25



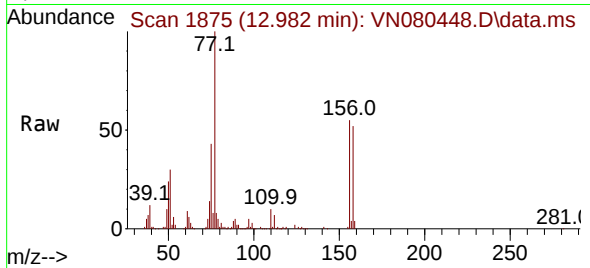
Tgt Ion: 75 Resp: 190272
Ion Ratio Lower Upper
75 100
77 204.2 84.5 253.5





#77
Bromobenzene
Concen: 47.289 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

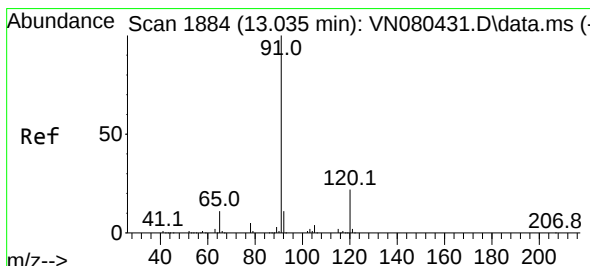
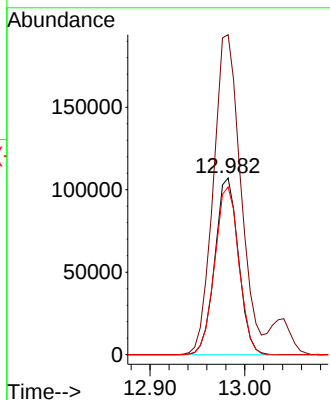
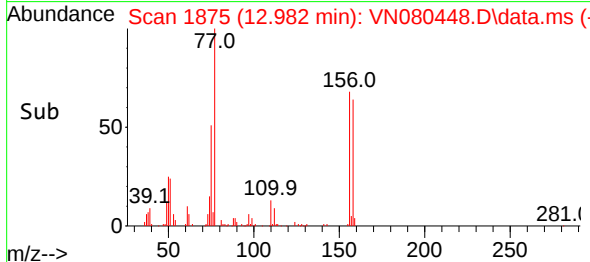
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



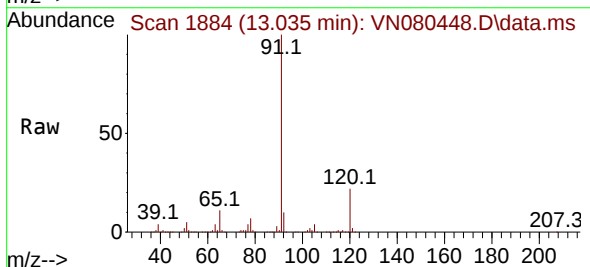
Tgt Ion:156 Resp: 185520
Ion Ratio Lower Upper
156 100
77 209.4 107.7 323.3
158 97.1 48.4 145.3

Manual Integrations
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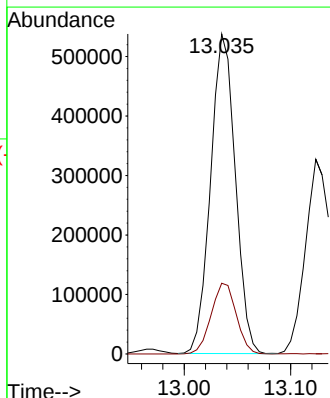
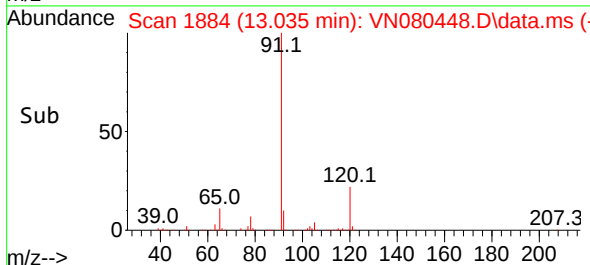
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

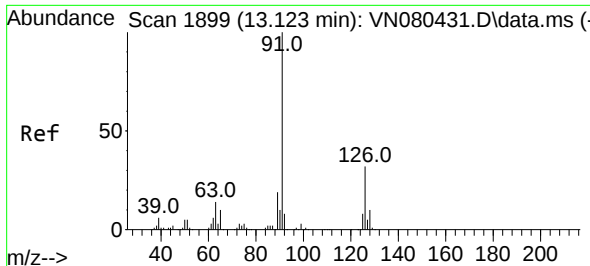


#78
n-propylbenzene
Concen: 49.318 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25



Tgt Ion: 91 Resp: 867210
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





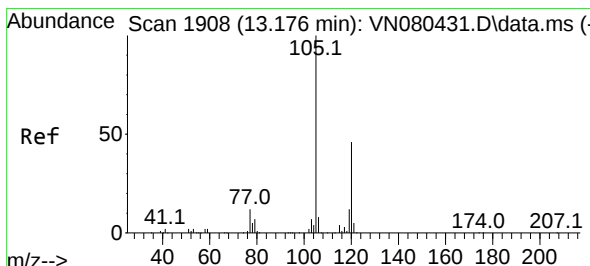
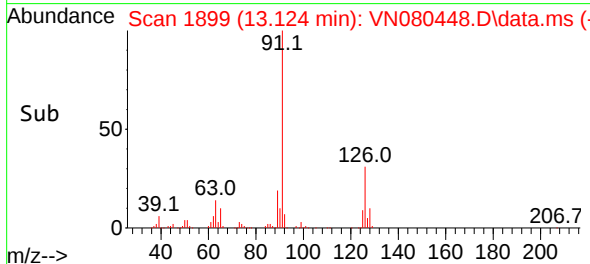
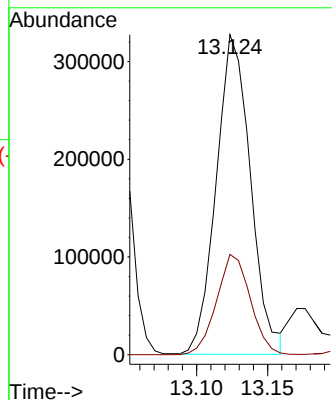
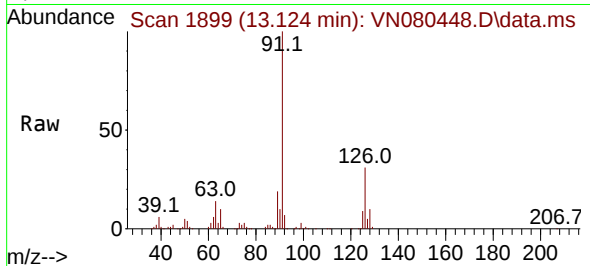
#79
2-Chlorotoluene
Concen: 47.841 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 549200
Ion Ratio Lower Upper
91 100
126 30.9 16.3 48.8

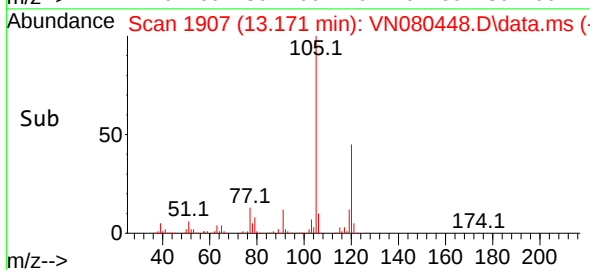
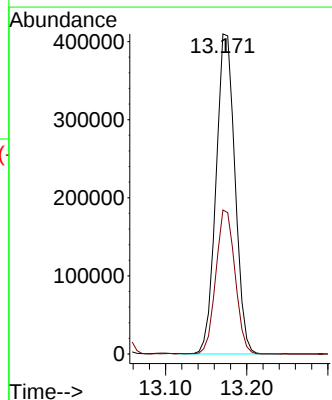
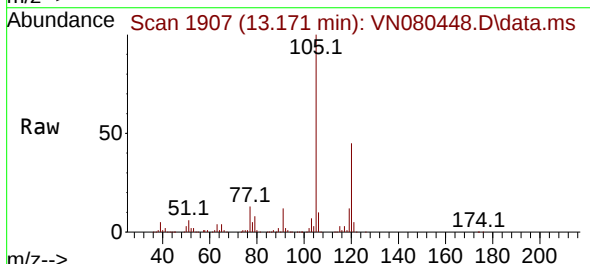
Manual Integrations
APPROVED

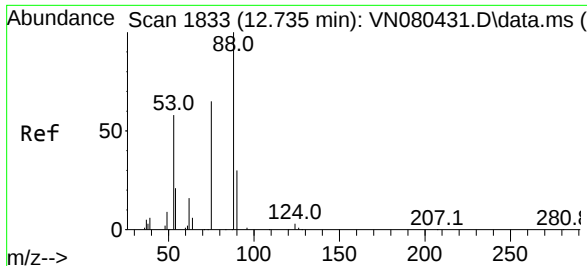
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.513 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

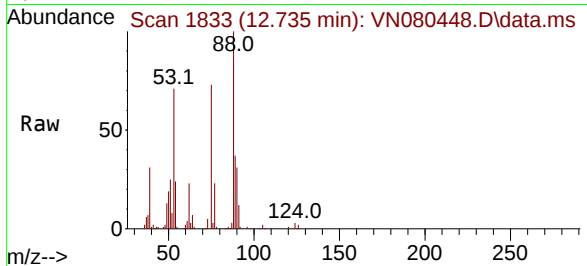
Tgt Ion:105 Resp: 666346
Ion Ratio Lower Upper
105 100
120 45.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 46.423 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

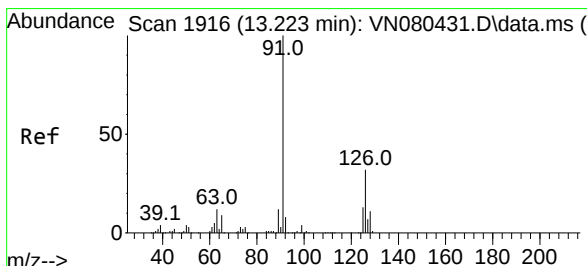
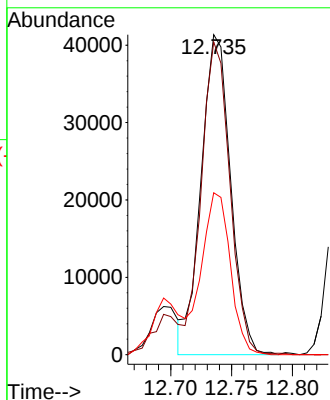
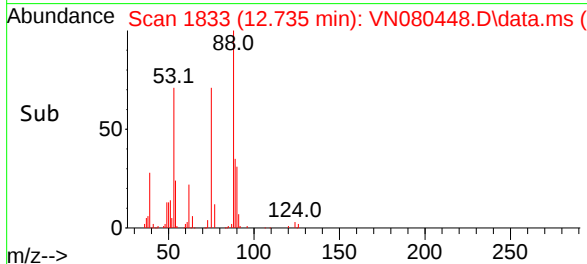
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 7002
Ion Ratio Lower Upper
75 100
53 93.2 67.4 101.2
89 49.1 38.8 58.2

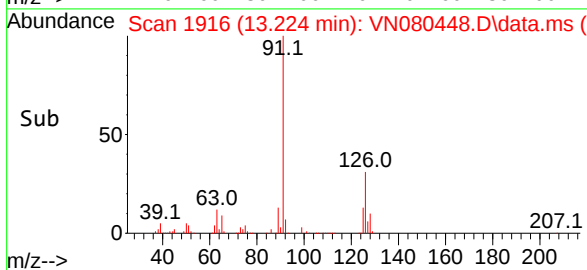
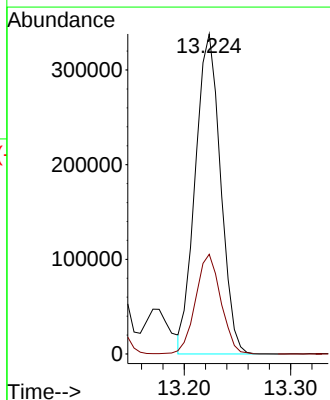
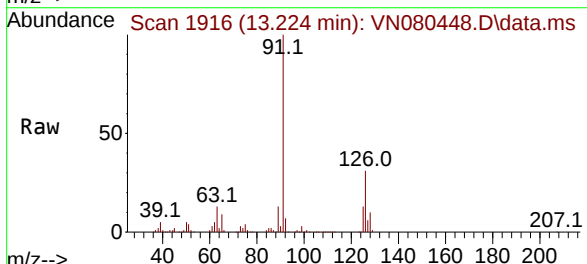
Manual Integrations
APPROVED

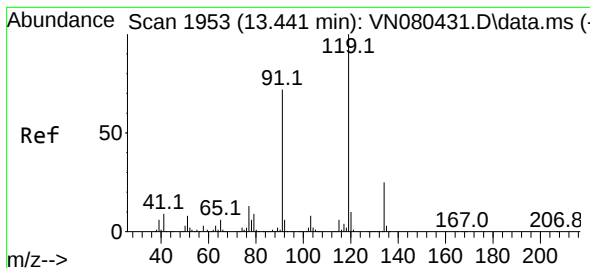
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#82
4-Chlorotoluene
Concen: 47.213 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

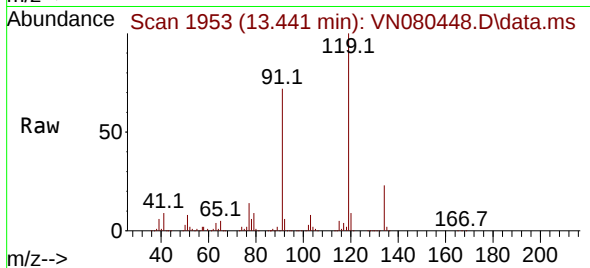
Tgt Ion: 91 Resp: 557100
Ion Ratio Lower Upper
91 100
126 31.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 48.650 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

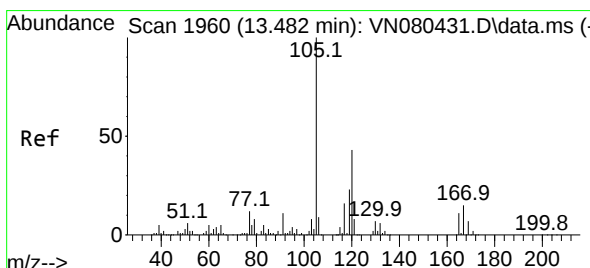
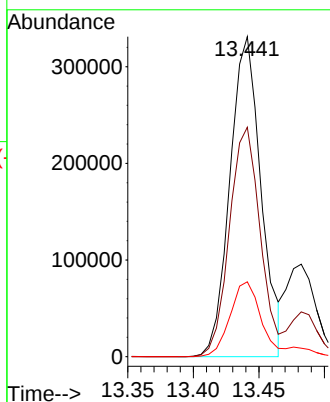
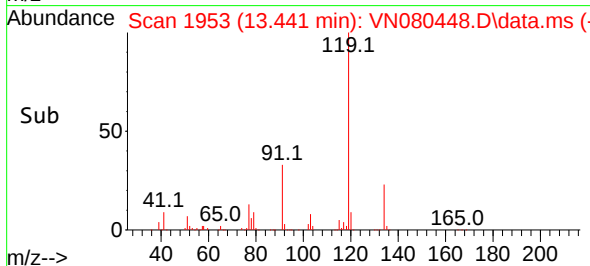
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



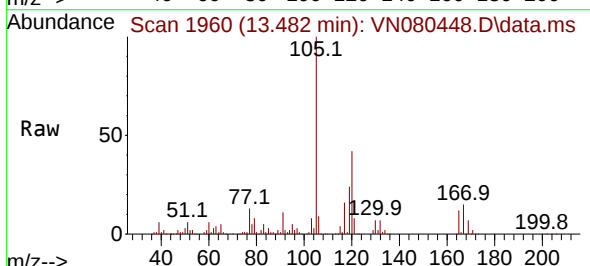
Tgt Ion:119 Resp: 547259
Ion Ratio Lower Upper
119 100
91 70.7 33.9 101.7
134 23.4 13.2 39.6

Manual Integrations
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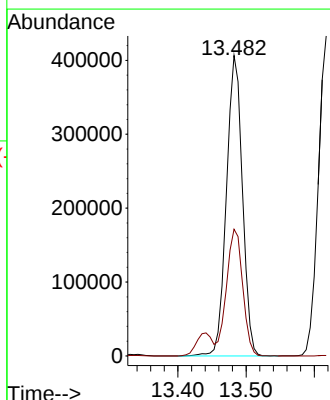
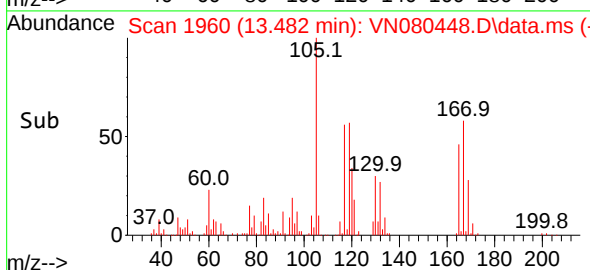
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

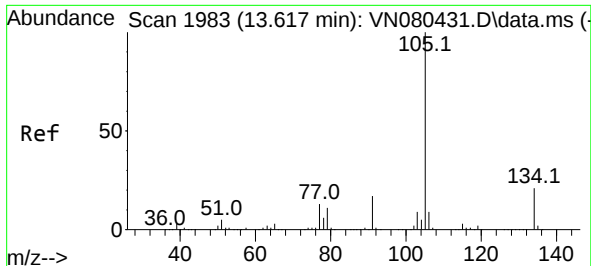


#84
1,2,4-Trimethylbenzene
Concen: 48.559 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25



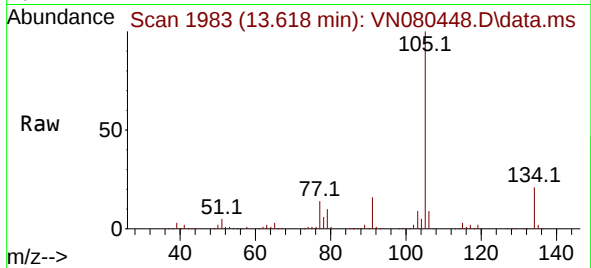
Tgt Ion:105 Resp: 663533
Ion Ratio Lower Upper
105 100
120 43.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 47.801 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080448.D
 Acq: 12 Dec 2023 19:25

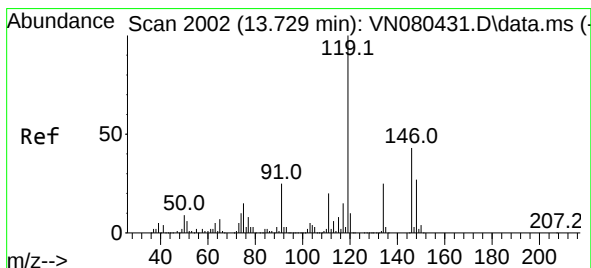
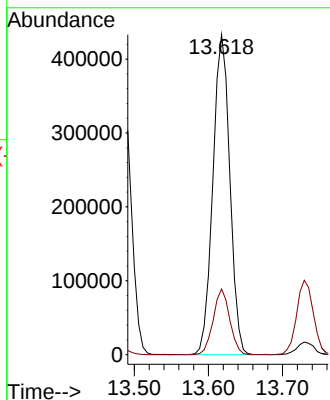
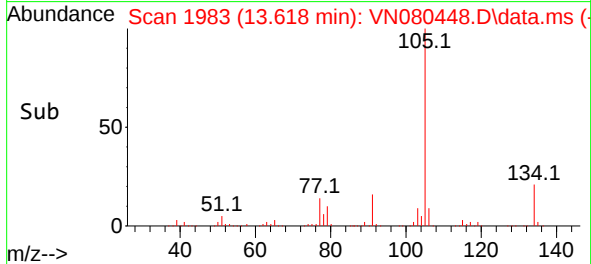
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



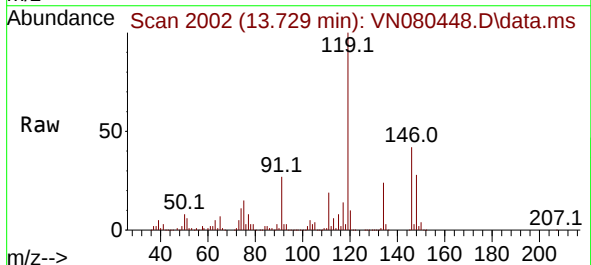
Tgt Ion:105 Resp: 68784
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

Manual Integrations
 APPROVED

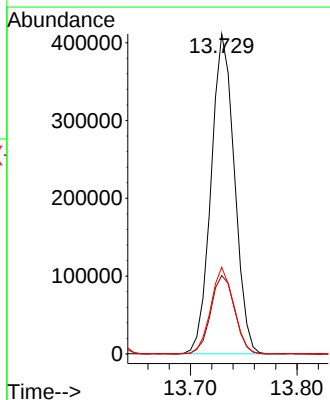
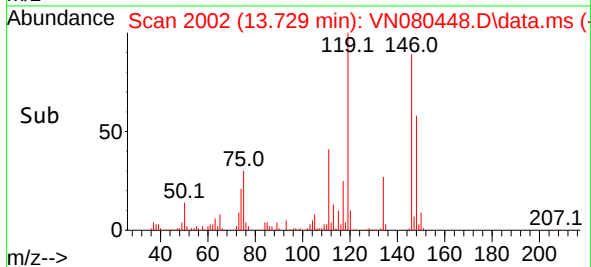
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023

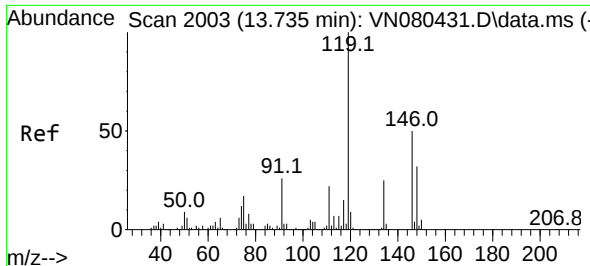


#86
 p-Isopropyltoluene
 Concen: 48.140 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080448.D
 Acq: 12 Dec 2023 19:25



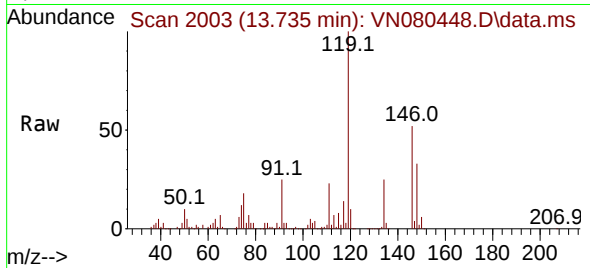
Tgt Ion:119 Resp: 625470
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 26.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 45.158 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

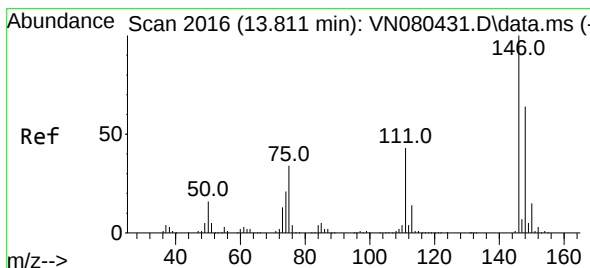
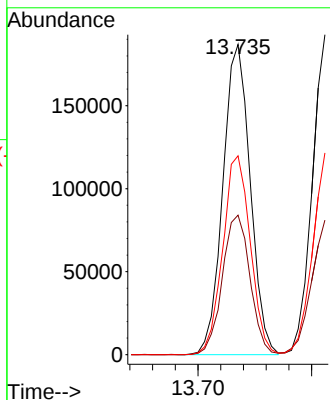
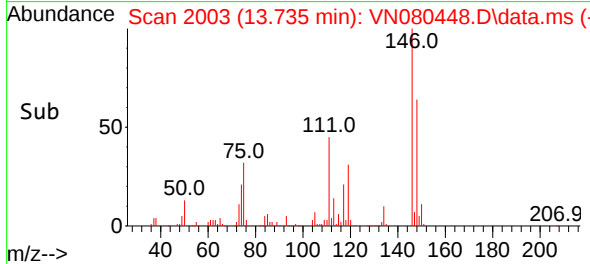
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 312148
Ion Ratio Lower Upper
146 100
111 45.6 22.1 66.3
148 64.6 32.0 96.0

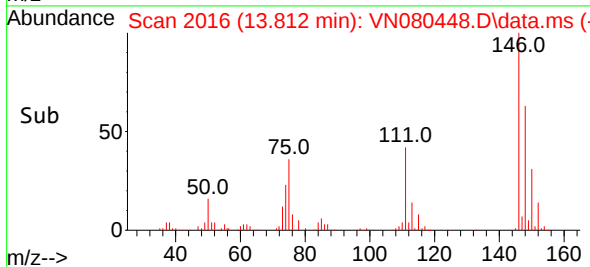
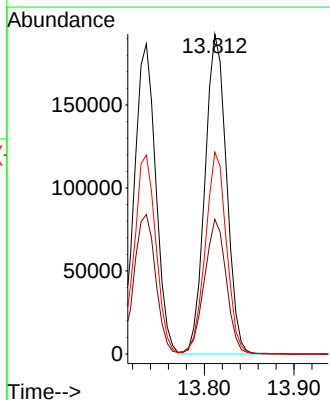
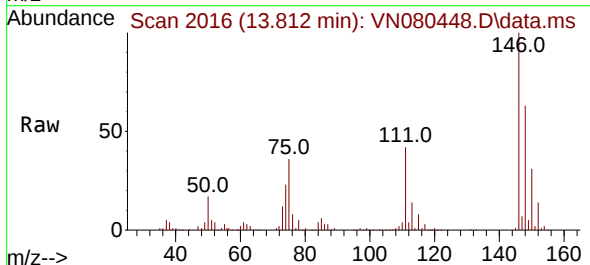
Manual Integrations
APPROVED

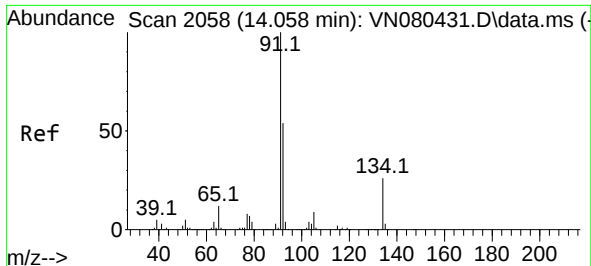
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#88
1,4-Dichlorobenzene
Concen: 45.910 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

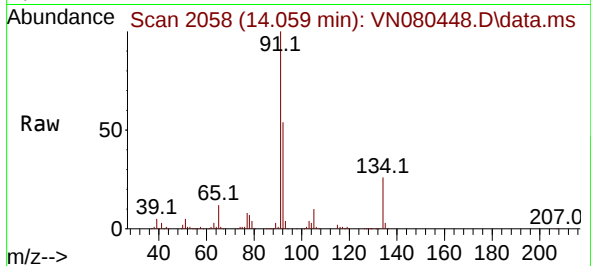
Tgt Ion:146 Resp: 320338
Ion Ratio Lower Upper
146 100
111 43.1 20.6 61.8
148 62.2 31.6 94.8





#89
n-Butylbenzene
Concen: 45.986 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

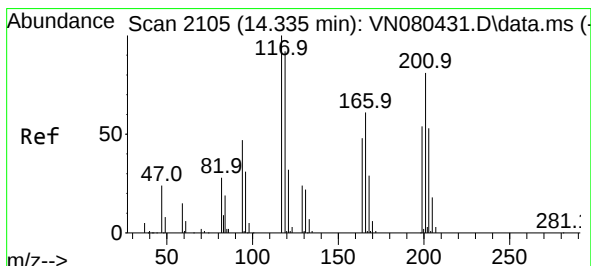
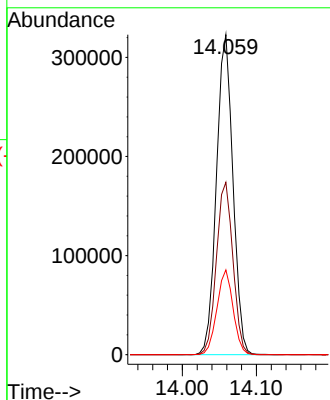
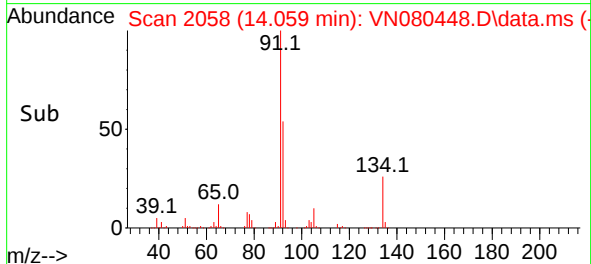
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 498962
Ion Ratio Lower Upper
91 100
92 54.0 26.4 79.0
134 26.0 12.6 37.6

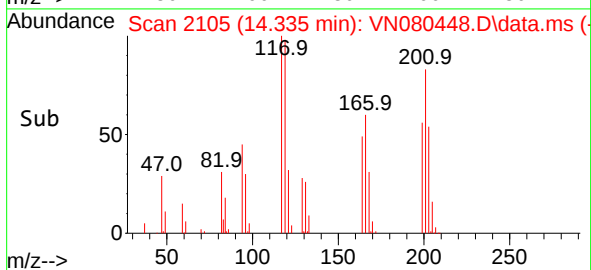
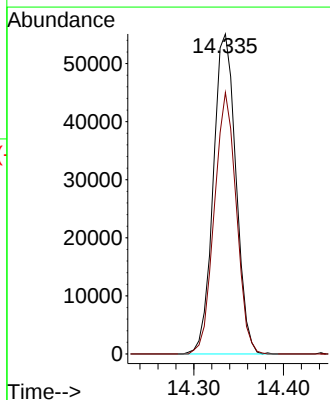
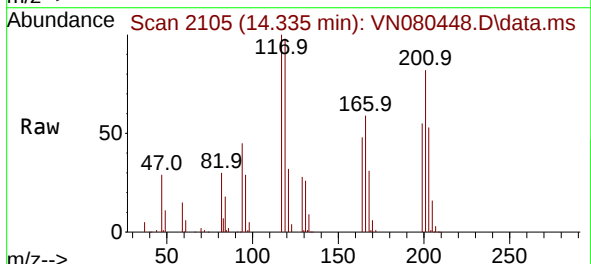
Manual Integrations
APPROVED

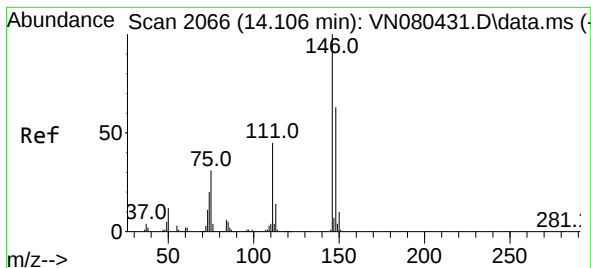
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#90
Hexachloroethane
Concen: 46.782 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

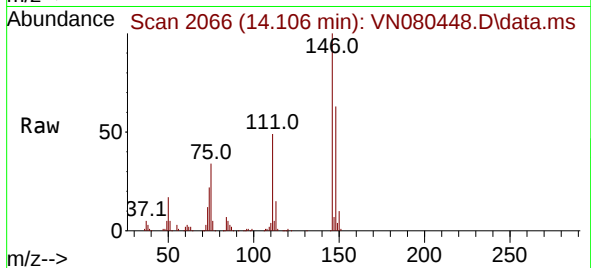
Tgt Ion:117 Resp: 96532
Ion Ratio Lower Upper
117 100
201 79.3 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 45.472 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

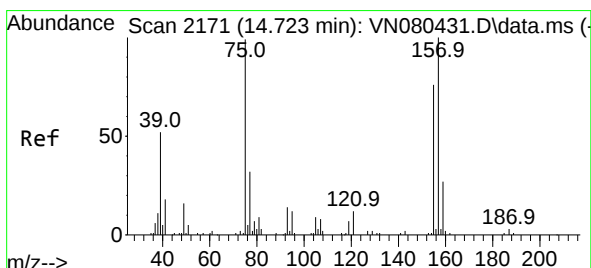
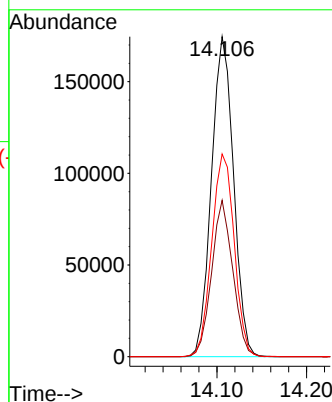
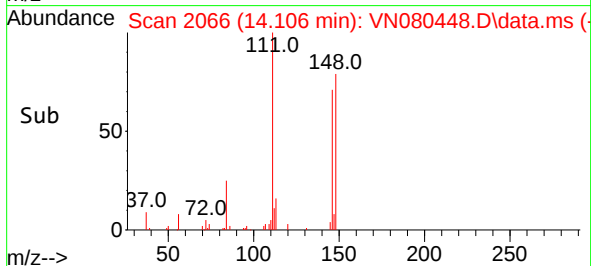
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



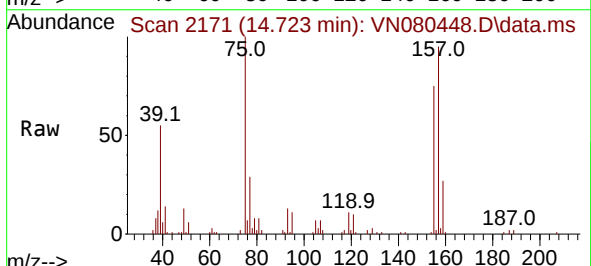
Tgt Ion:146 Resp: 29847
Ion Ratio Lower Upper
146 100
111 46.9 22.0 66.0
148 64.5 31.8 95.3

Manual Integrations
APPROVED

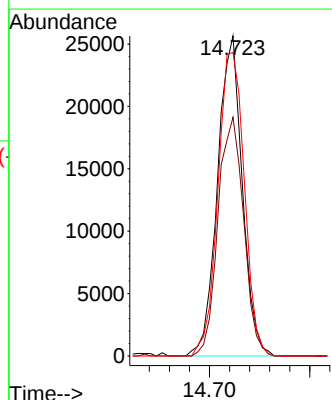
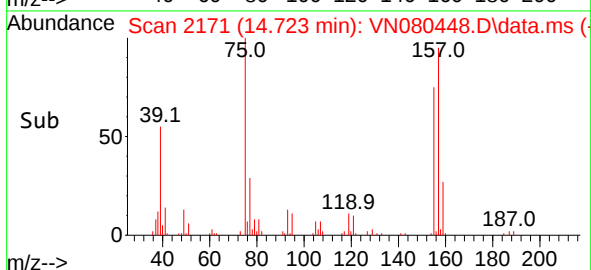
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

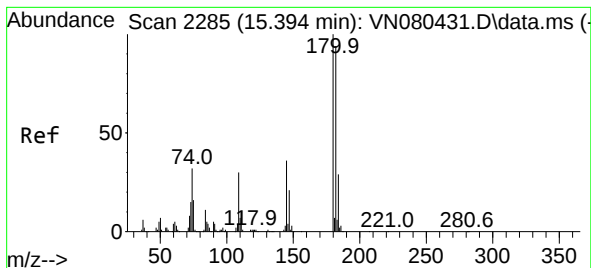


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.809 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25



Tgt Ion: 75 Resp: 43875
Ion Ratio Lower Upper
75 100
155 77.2 39.1 117.2
157 101.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 47.336 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN080448.D

Acq: 12 Dec 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 172510

Ion Ratio Lower Upper

180 100

182 94.6 46.1 138.2

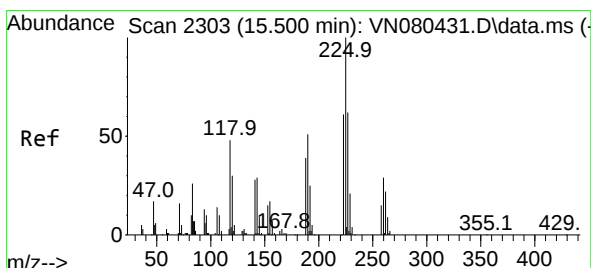
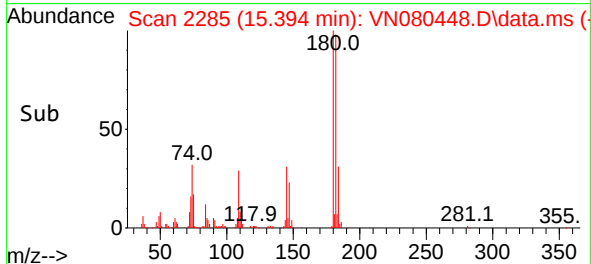
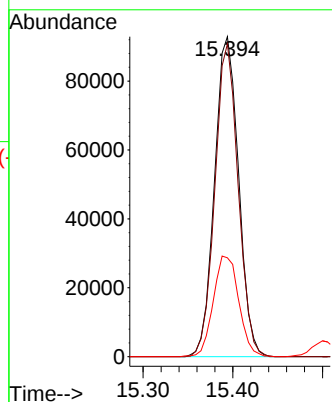
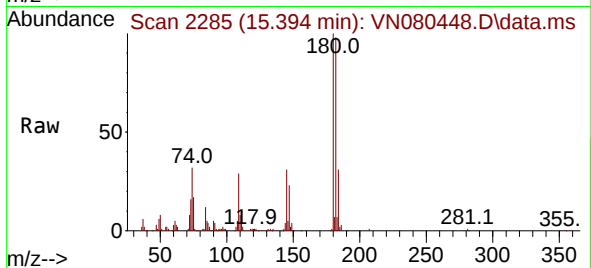
145 33.4 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#94

Hexachlorobutadiene

Concen: 42.724 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN080448.D

Acq: 12 Dec 2023 19:25

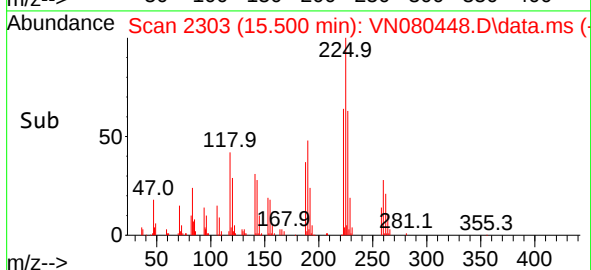
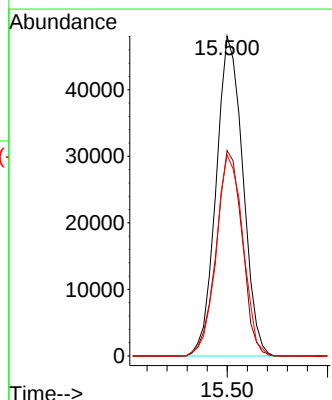
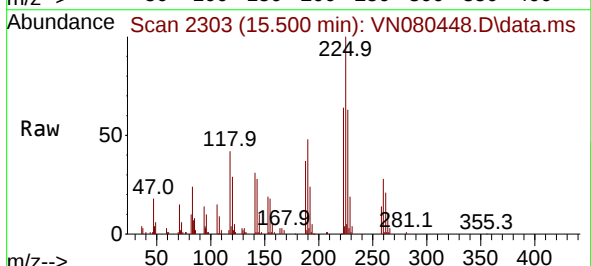
Tgt Ion:225 Resp: 88641

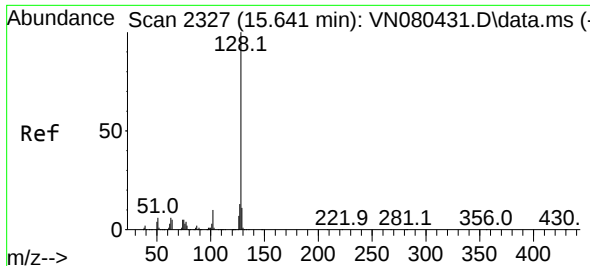
Ion Ratio Lower Upper

225 100

223 62.4 31.3 93.8

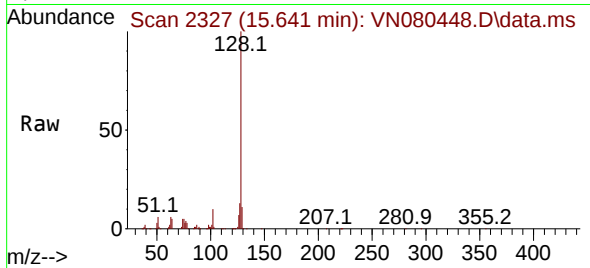
227 63.0 31.9 95.9





#95
Naphthalene
Concen: 47.746 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

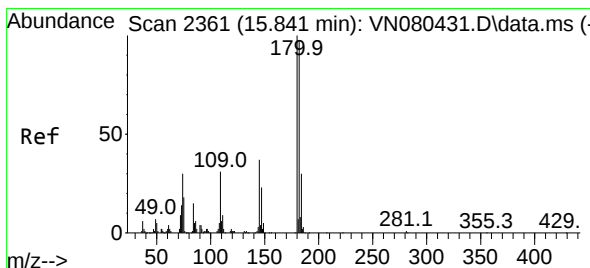
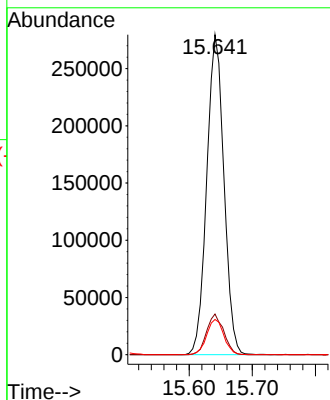
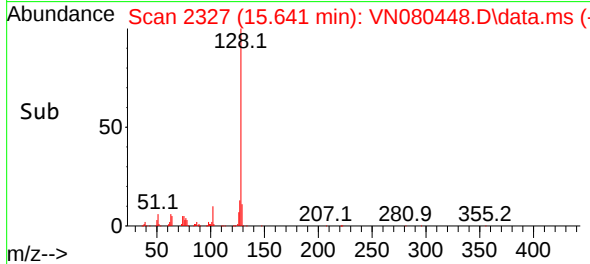
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 528378
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 45.884 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080448.D
Acq: 12 Dec 2023 19:25

Tgt Ion:180 Resp: 161365
Ion Ratio Lower Upper
180 100
182 97.5 46.2 138.6
145 35.8 17.5 52.6

