

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062723\
 Data File : VN078416.D
 Acq On : 27 Jun 2023 14:55
 Operator : JC\MD
 Sample : VN0627WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2023
 Supervised By : Mahesh Dadoda 06/28/2023

Quant Time: Jun 28 07:09:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	492836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	862428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	741909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	279775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	338497	51.514	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.020%			
35) Dibromofluoromethane	8.171	113	294564	54.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.040%			
50) Toluene-d8	10.571	98	1076969	51.231	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.460%			
62) 4-Bromofluorobenzene	12.853	95	337840	51.695	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	97909	17.575	ug/l	98
3) Chloromethane	2.371	50	113638	20.610	ug/l	97
4) Vinyl Chloride	2.524	62	160368	21.983	ug/l	94
5) Bromomethane	2.959	94	114828	20.828	ug/l	98
6) Chloroethane	3.124	64	112022	22.526	ug/l	94
7) Trichlorofluoromethane	3.506	101	202083	20.428	ug/l	99
8) Diethyl Ether	3.965	74	70272	20.217	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.383	101	114913	22.011	ug/l	97
10) Methyl Iodide	4.600	142	151591	20.532	ug/l	91
11) Tert butyl alcohol	5.536	59	94108	103.721	ug/l	98
12) 1,1-Dichloroethene	4.353	96	106267	19.746	ug/l	96
13) Acrolein	4.195	56	82138	82.139	ug/l	98
14) Allyl chloride	5.036	41	145193	22.101	ug/l	95
15) Acrylonitrile	5.736	53	259513	110.940	ug/l	99
16) Acetone	4.436	43	246451	130.302	ug/l	92
17) Carbon Disulfide	4.724	76	270975	19.562	ug/l	99
18) Methyl Acetate	5.036	43	185335	21.284	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	364216	21.211	ug/l	98
20) Methylene Chloride	5.289	84	126990	20.318	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	119410	20.572	ug/l	90
22) Diisopropyl ether	6.677	45	347180	22.467	ug/l	94
23) Vinyl Acetate	6.612	43	1018400	110.865	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	226258	22.195	ug/l	96
25) 2-Butanone	7.489	43	341959	117.571	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	199565	26.513	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	142412	20.569	ug/l	93
28) Bromochloromethane	7.818	49	107259	22.916	ug/l	89
29) Tetrahydrofuran	7.847	42	211985	109.025	ug/l #	84
30) Chloroform	7.971	83	243734	22.204	ug/l	95
31) Cyclohexane	8.265	56	177193	21.021	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	213187	22.121	ug/l	98
36) 1,1-Dichloropropene	8.377	75	177979	22.755	ug/l	97
37) Ethyl Acetate	7.565	43	141570	23.169	ug/l #	93
38) Carbon Tetrachloride	8.371	117	190045	23.011	ug/l	98
39) Methylcyclohexane	9.606	83	160640	19.818	ug/l	93
40) Benzene	8.612	78	524559	22.464	ug/l	97

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	71772	21.670	ug/l	91
42) 1,2-Dichloroethane	8.677	62	181374	22.654	ug/l	99
43) Isopropyl Acetate	8.694	43	243512	20.838	ug/l #	93
44) Trichloroethene	9.359	130	138294	22.426	ug/l	96
45) 1,2-Dichloropropane	9.630	63	136636	23.518	ug/l	95
46) Dibromomethane	9.712	93	94252	22.025	ug/l	93
47) Bromodichloromethane	9.894	83	191405	24.079	ug/l	97
48) Methyl methacrylate	9.688	41	111047	22.644	ug/l	88
49) 1,4-Dioxane	9.700	88	45013	436.719	ug/l	89
51) 4-Methyl-2-Pentanone	10.453	43	710816	115.513	ug/l	93
52) Toluene	10.635	92	330777	22.436	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	197085	23.807	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	217326	23.749	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	130830	23.458	ug/l	99
56) Ethyl methacrylate	10.877	69	177647	21.875	ug/l #	88
57) 1,3-Dichloropropane	11.171	76	216207	22.966	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	273878	83.485	ug/l	92
59) 2-Hexanone	11.200	43	499594	116.600	ug/l	93
60) Dibromochloromethane	11.365	129	142977	23.428	ug/l	98
61) 1,2-Dibromoethane	11.476	107	132240	22.594	ug/l	100
64) Tetrachloroethene	11.112	164	123816	25.016	ug/l	92
65) Chlorobenzene	11.894	112	351304	22.111	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	133728	22.884	ug/l	97
67) Ethyl Benzene	11.971	91	608947	22.212	ug/l	100
68) m/p-Xylenes	12.076	106	474258	45.392	ug/l	100
69) o-Xylene	12.400	106	231920	22.604	ug/l	97
70) Styrene	12.418	104	364744	22.581	ug/l	98
71) Bromoform	12.582	173	87239	23.133	ug/l #	99
73) Isopropylbenzene	12.700	105	566151	21.399	ug/l	99
74) N-amyl acetate	12.500	43	183781	21.095	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	181359	23.633	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	143129m	21.640	ug/l	
77) Bromobenzene	12.988	156	131221	21.366	ug/l	99
78) n-propylbenzene	13.041	91	635473	22.108	ug/l	99
79) 2-Chlorotoluene	13.129	91	398482	21.476	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	455763	21.278	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	49226	22.866	ug/l	86
82) 4-Chlorotoluene	13.229	91	378931	21.882	ug/l	98
83) tert-Butylbenzene	13.441	119	375105	20.146	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	452682	21.799	ug/l	100
85) sec-Butylbenzene	13.623	105	482397	19.795	ug/l	99
86) p-Isopropyltoluene	13.735	119	389719	19.706	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	216760	20.865	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	216813	21.629	ug/l	99
89) n-Butylbenzene	14.059	91	296331	18.997	ug/l	97
90) Hexachloroethane	14.335	117	73369	20.905	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	215854	21.260	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27241	20.788	ug/l	100
93) 1,2,4-Trichlorobenzene	15.400	180	60209	16.644	ug/l	95
94) Hexachlorobutadiene	15.500	225	40109	21.070	ug/l	98
95) Naphthalene	15.647	128	183925	15.115	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	69719	17.232	ug/l	97

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Sample : VN0627WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

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

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 Operator : JC\MD
 Sample : VN0627WBSD01
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Instrument :

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Client Sample Id :

VN0627WBSD01

Manual Integrations

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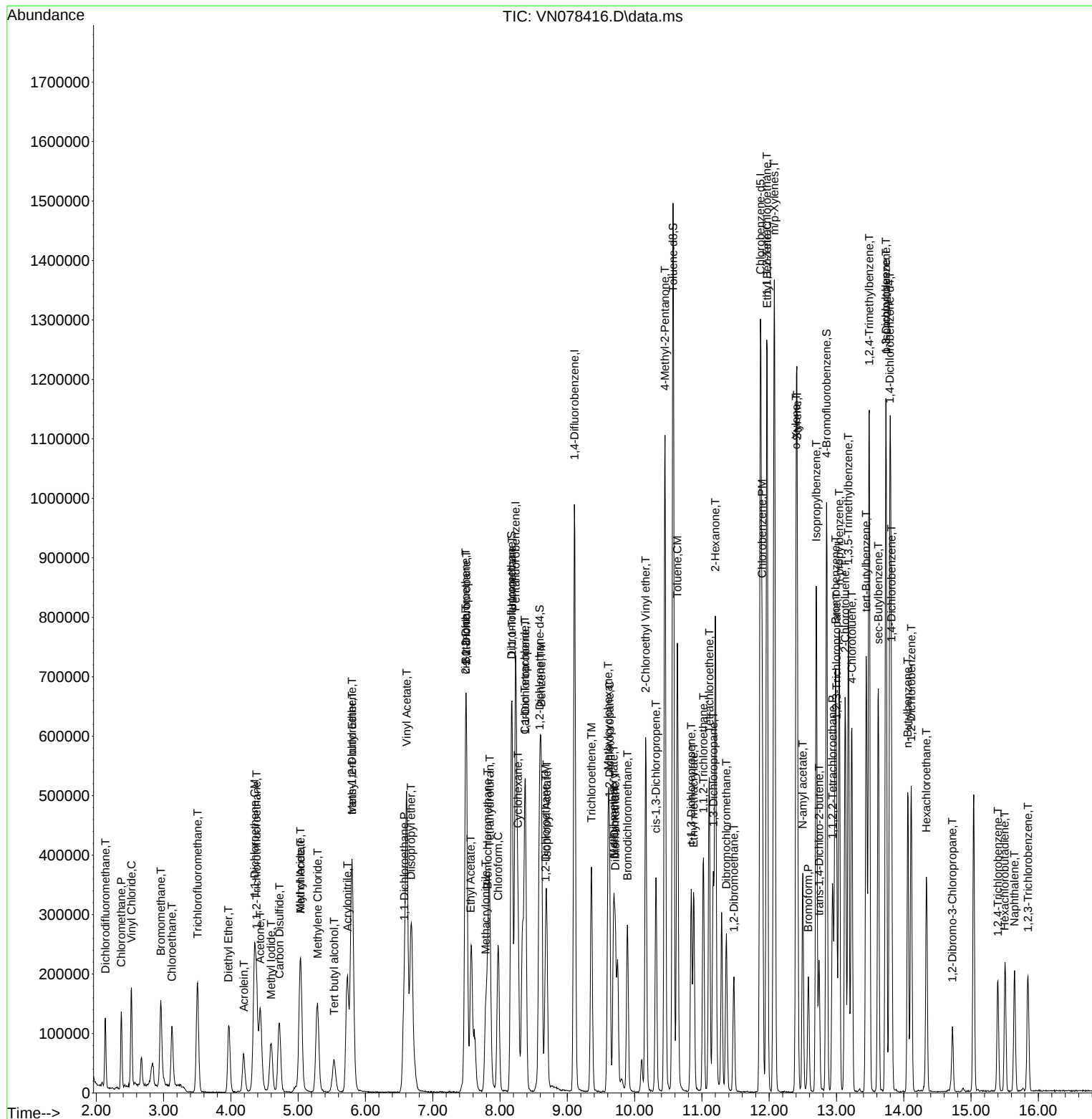
Quant Time: Jun 28 07:09:47 2023

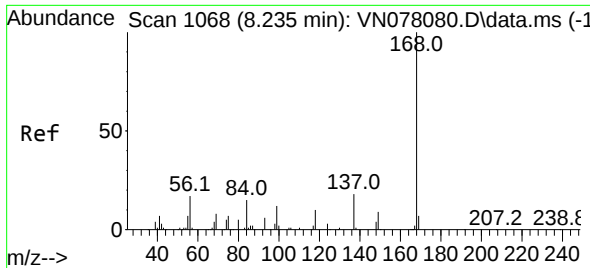
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M

Quant Title : SW846 8260

QLast Update : Wed Jun 07 05:05:00 2023

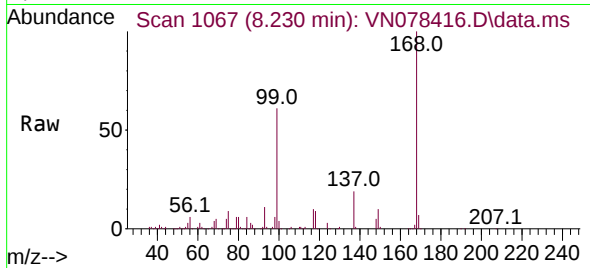
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

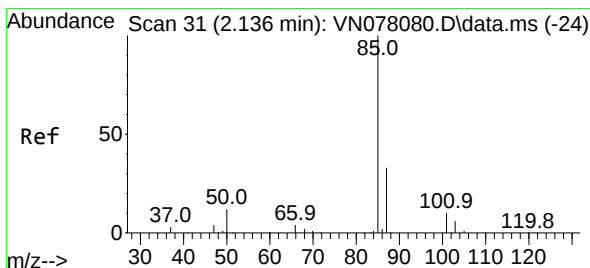
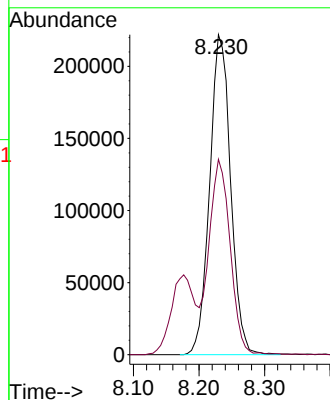
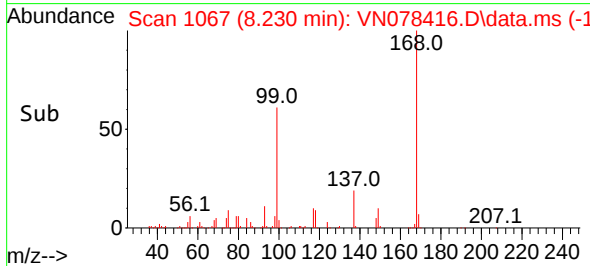
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01



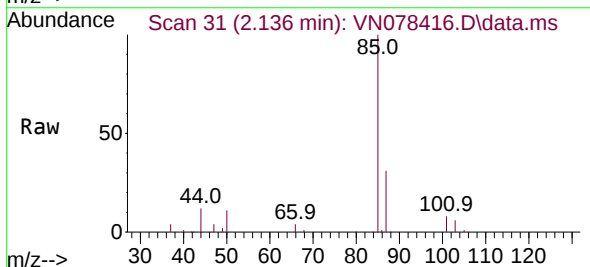
Tgt Ion:168 Resp: 492830
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6

Manual Integrations
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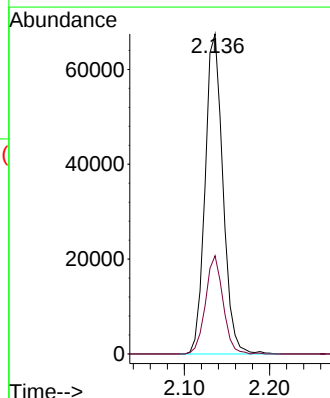
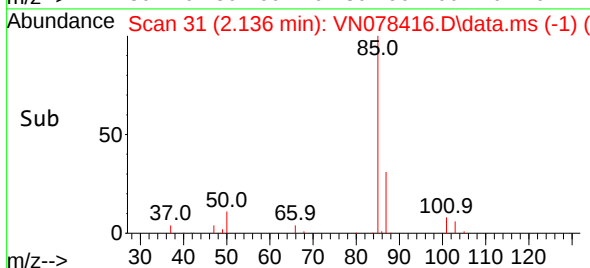
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

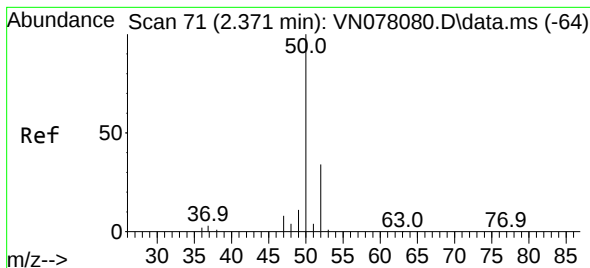


#2
Dichlorodifluoromethane
Concen: 17.575 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55



Tgt Ion: 85 Resp: 97909
Ion Ratio Lower Upper
85 100
87 30.7 15.8 47.4





#3

Chloromethane

Concen: 20.610 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078416.D

Acq: 27 Jun 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBSD01

Tgt Ion: 50 Resp: 113638

Ion Ratio Lower Upper

50 100

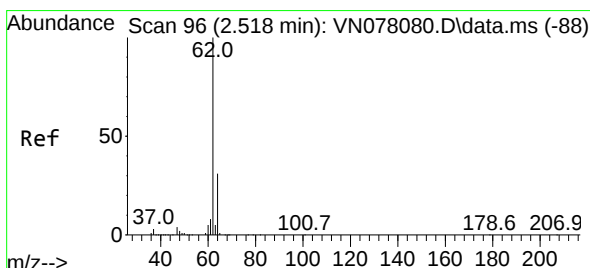
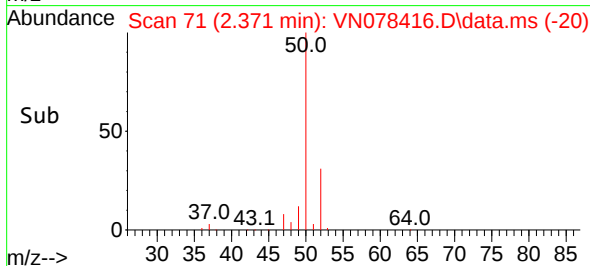
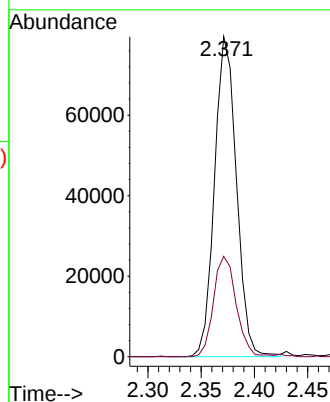
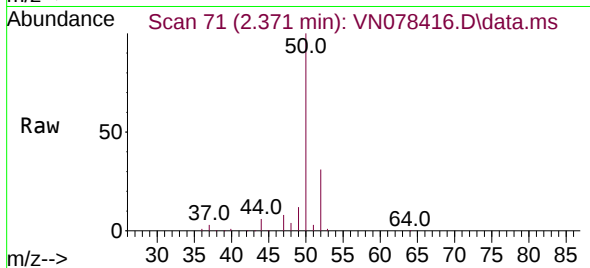
52 31.4 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

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#4

Vinyl Chloride

Concen: 21.983 ug/l

RT: 2.524 min Scan# 97

Delta R.T. 0.006 min

Lab File: VN078416.D

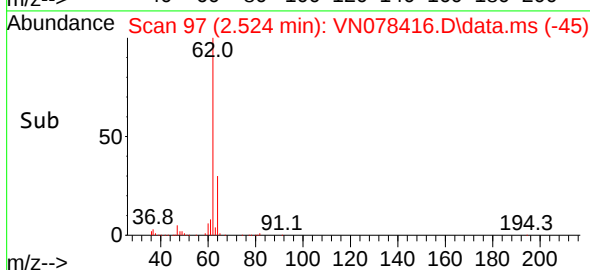
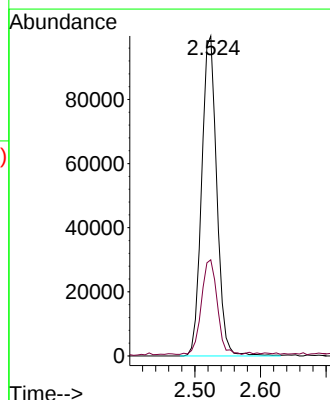
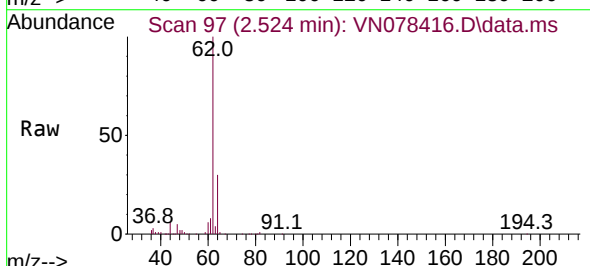
Acq: 27 Jun 2023 14:55

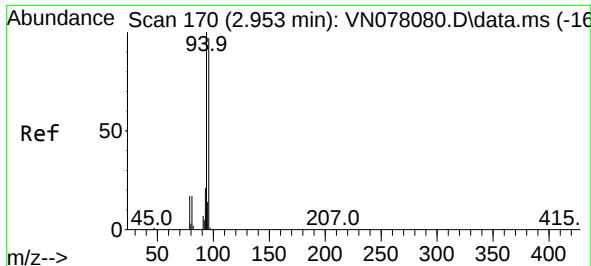
Tgt Ion: 62 Resp: 160368

Ion Ratio Lower Upper

62 100

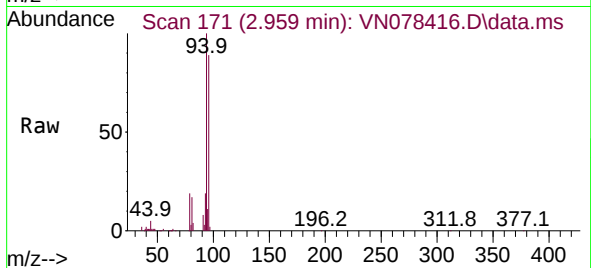
64 29.5 26.2 39.2





#5
Bromomethane
Concen: 20.828 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

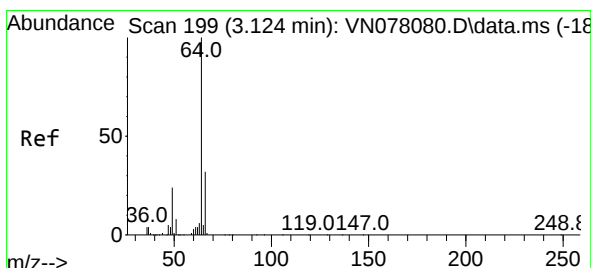
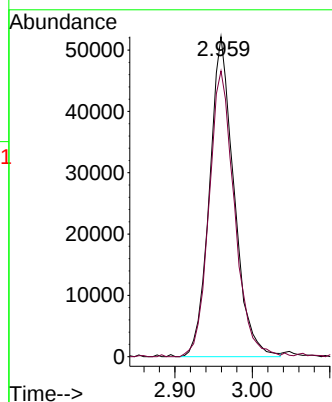
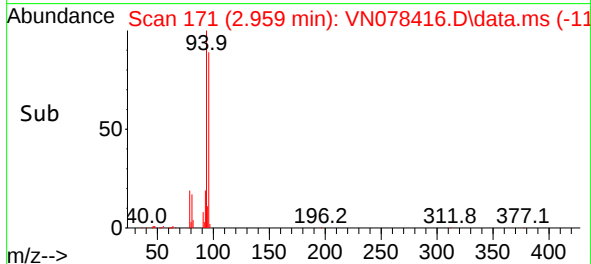
Instrument :
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Tgt Ion: 94 Resp: 114828
Ion Ratio Lower Upper
94 100
96 89.3 73.1 109.7

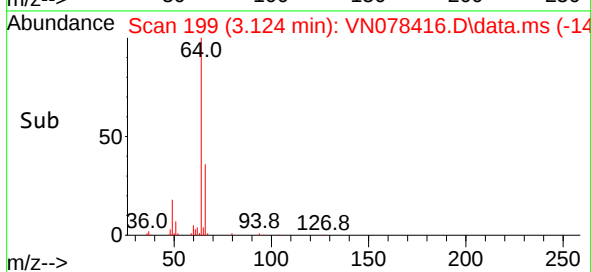
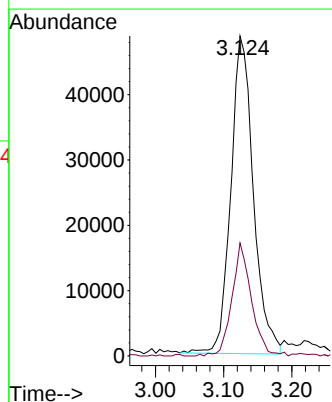
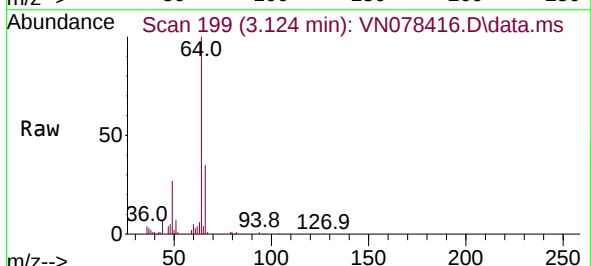
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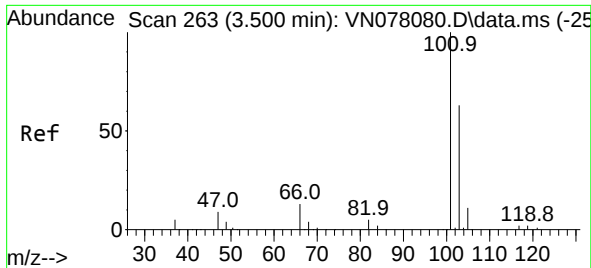
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#6
Chloroethane
Concen: 22.526 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

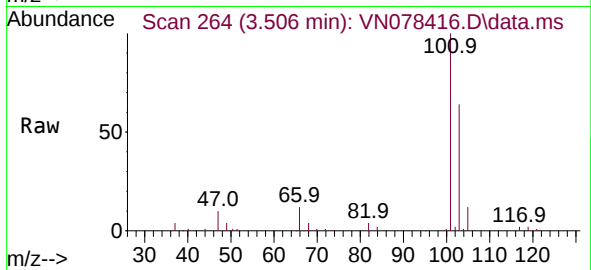
Tgt Ion: 64 Resp: 112022
Ion Ratio Lower Upper
64 100
66 35.2 25.4 38.2





#7
Trichlorofluoromethane
Concen: 20.428 ug/l
RT: 3.506 min Scan# 20208
Delta R.T. 0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

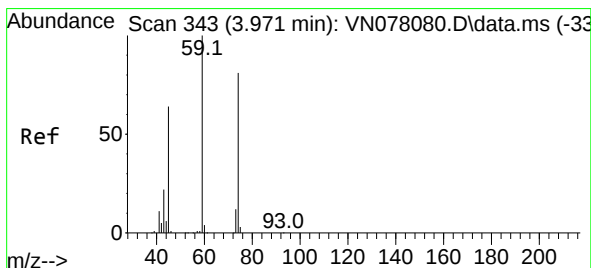
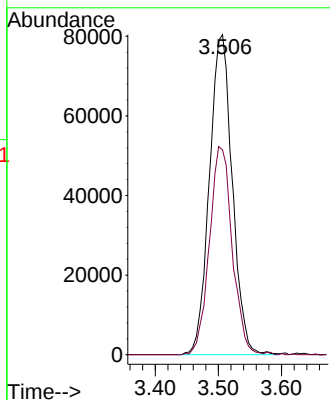
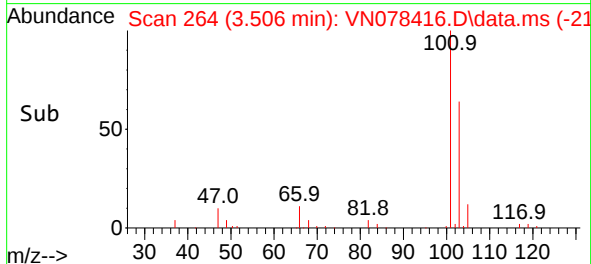
Instrument :
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Tgt Ion:101 Resp: 20208
Ion Ratio Lower Upper
101 100
103 64.0 50.7 76.1

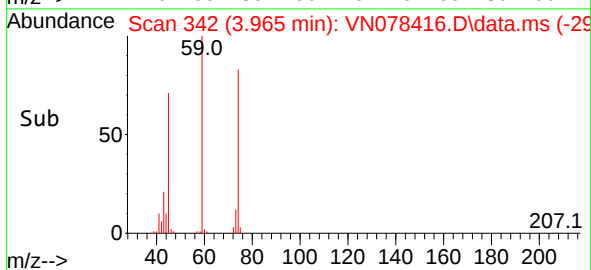
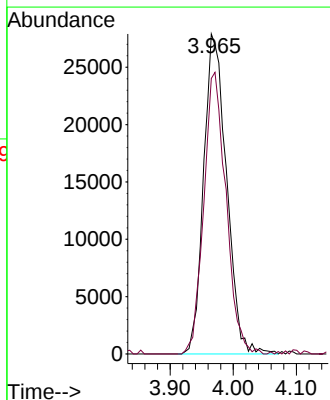
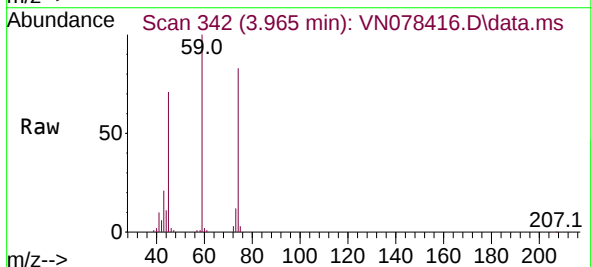
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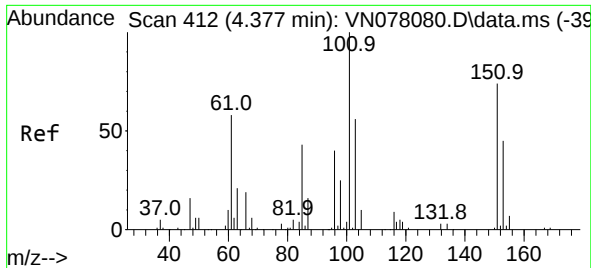
Reviewed By :John Carlone 06/28/2023
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#8
Diethyl Ether
Concen: 20.217 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Tgt Ion: 74 Resp: 70272
Ion Ratio Lower Upper
74 100
45 85.6 34.4 103.3





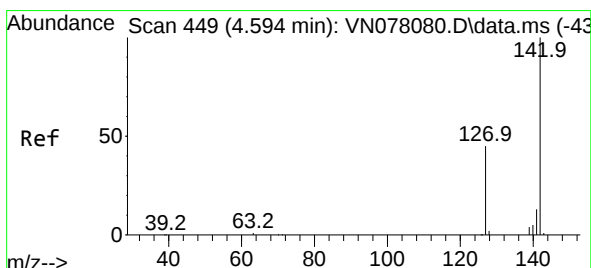
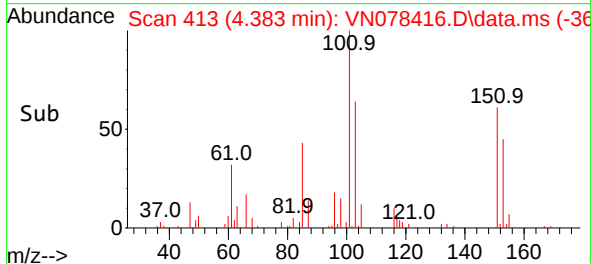
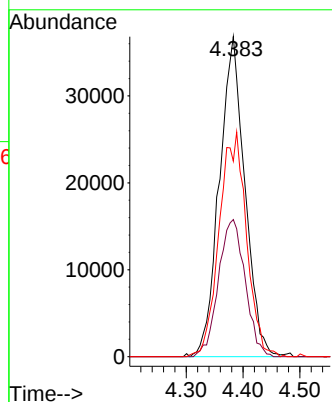
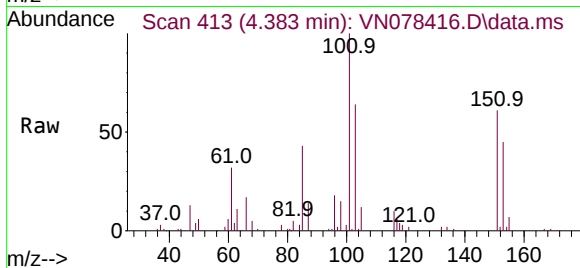
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.011 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Tgt Ion:101 Resp: 11491
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 74.9 57.6 86.4

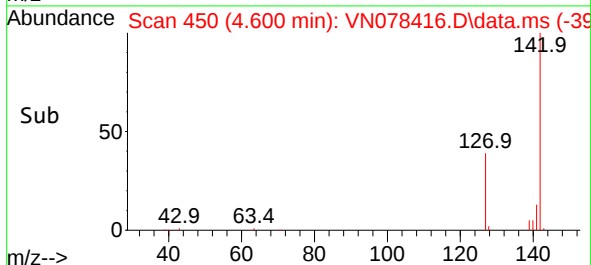
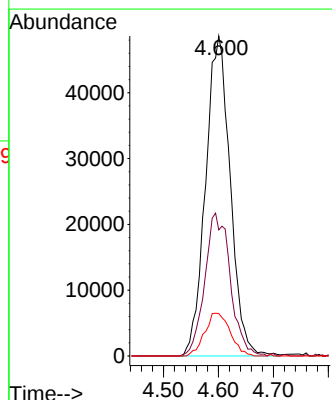
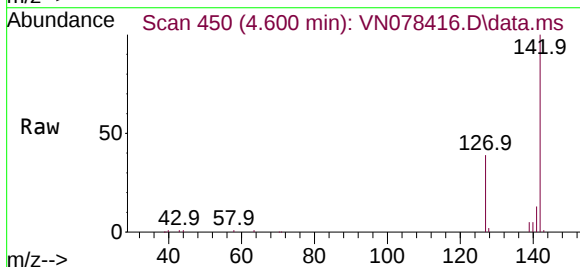
Manual Integrations
APPROVED

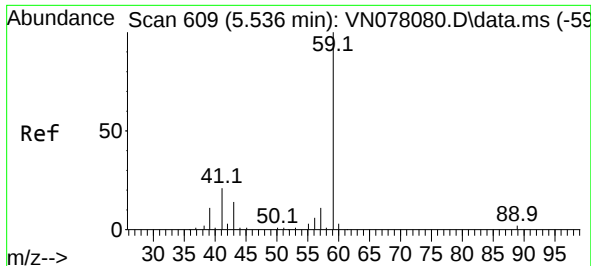
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#10
Methyl Iodide
Concen: 20.532 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

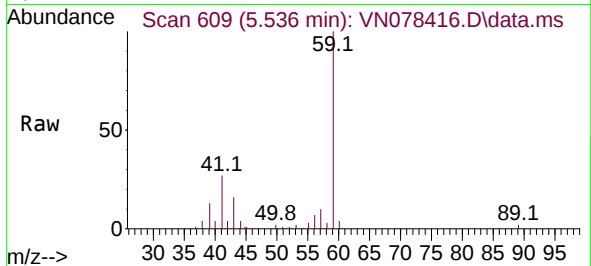
Tgt Ion:142 Resp: 151591
Ion Ratio Lower Upper
142 100
127 39.4 37.6 56.4
141 13.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 103.721 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

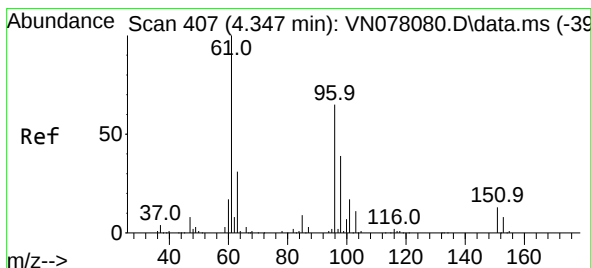
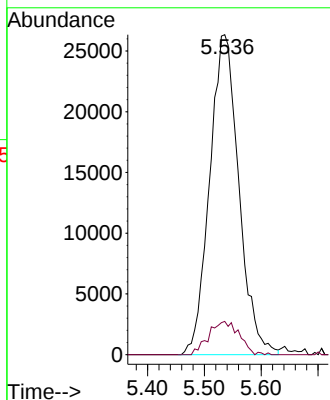
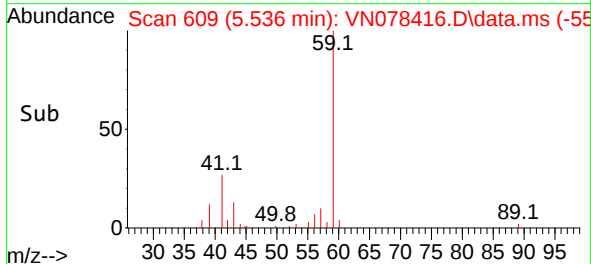
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01



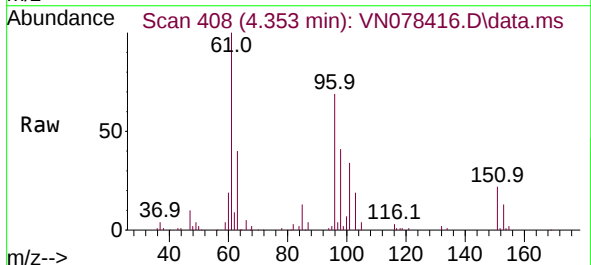
Tgt Ion: 59 Resp: 94108
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

Manual Integrations
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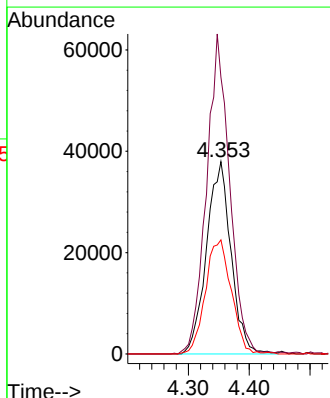
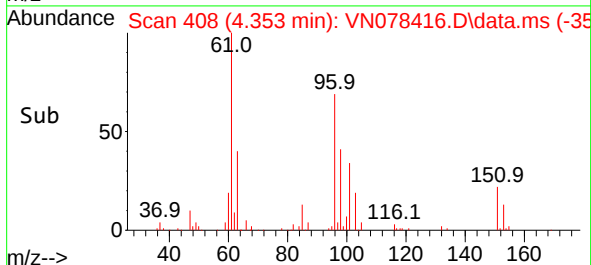
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

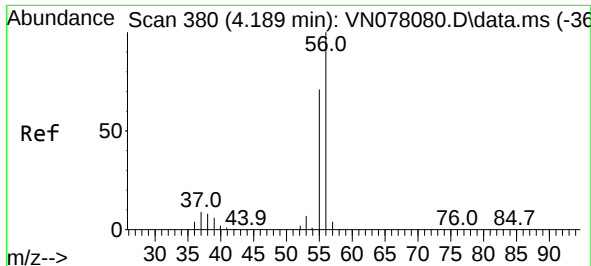


#12
1,1-Dichloroethene
Concen: 19.746 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55



Tgt Ion: 96 Resp: 106267
Ion Ratio Lower Upper
96 100
61 143.9 112.7 169.1
98 59.3 51.2 76.8





#13

Acrolein

Concen: 82.139 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.006 min

Lab File: VN078416.D

Acq: 27 Jun 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBSD01

Tgt Ion: 56 Resp: 82138

Ion Ratio Lower Upper

56 100

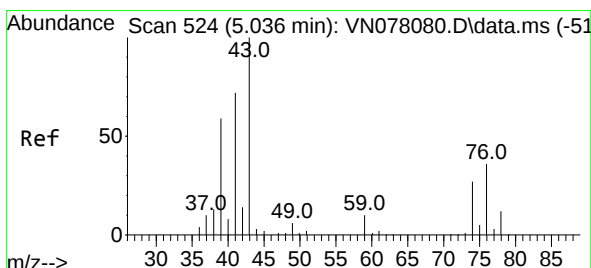
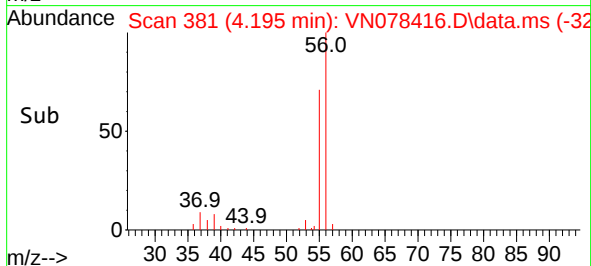
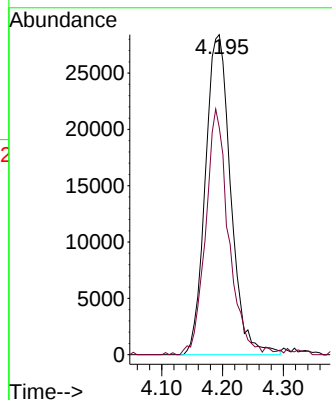
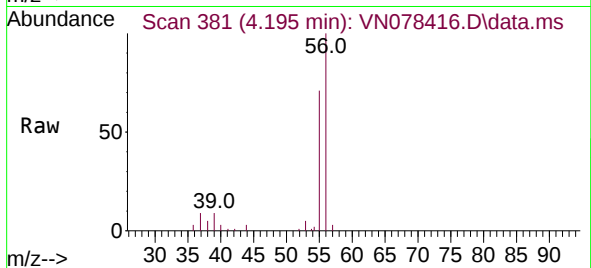
55 69.4 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#14

Allyl chloride

Concen: 22.101 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.000 min

Lab File: VN078416.D

Acq: 27 Jun 2023 14:55

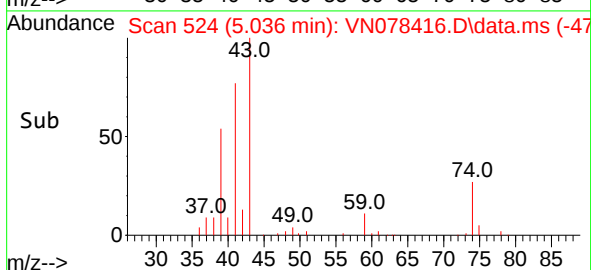
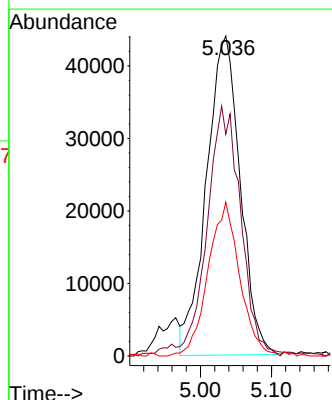
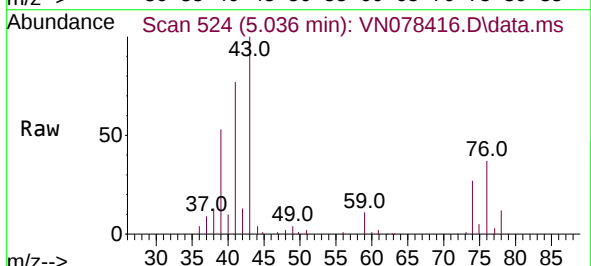
Tgt Ion: 41 Resp: 145193

Ion Ratio Lower Upper

41 100

39 76.7 58.8 88.2

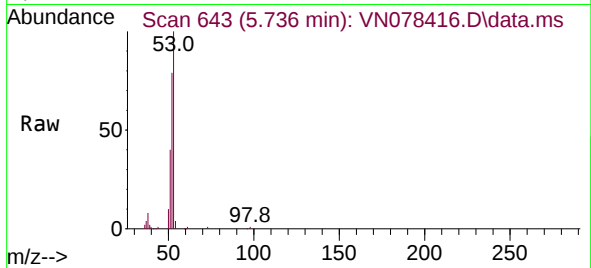
76 45.0 39.1 58.7





#15
Acrylonitrile
Concen: 110.940 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

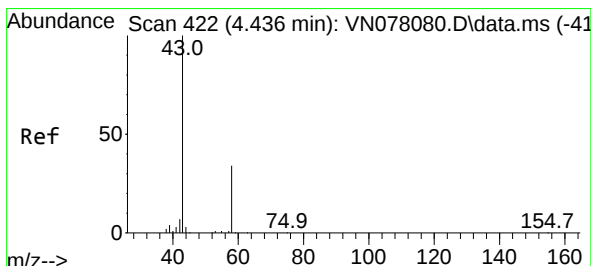
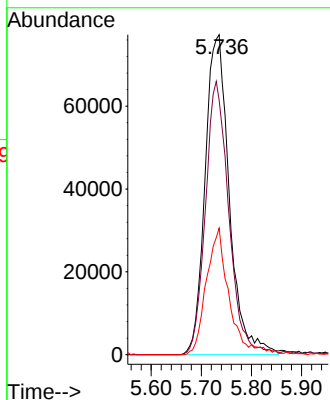
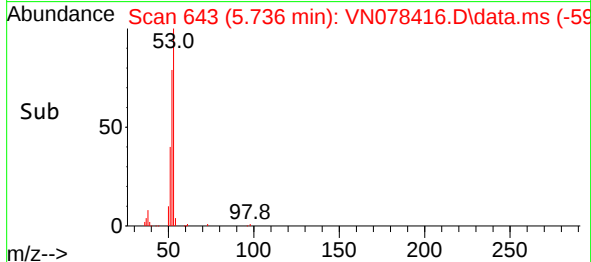
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01



Tgt Ion: 53 Resp: 25951
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 37.1 28.9 43.3

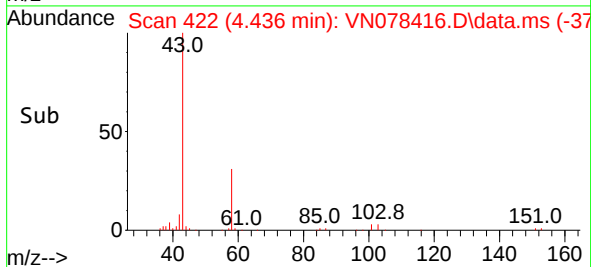
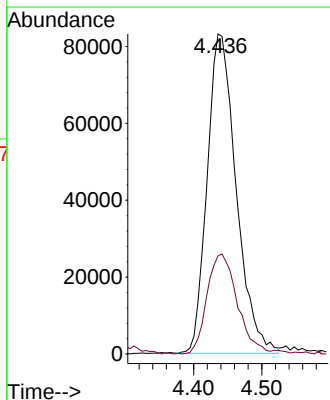
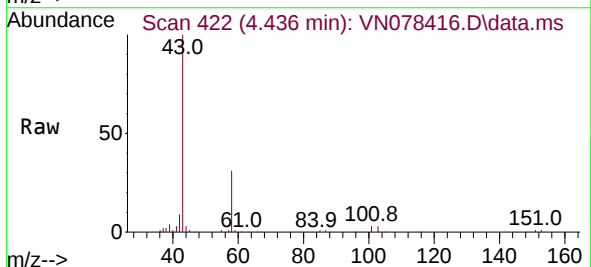
Manual Integrations
APPROVED

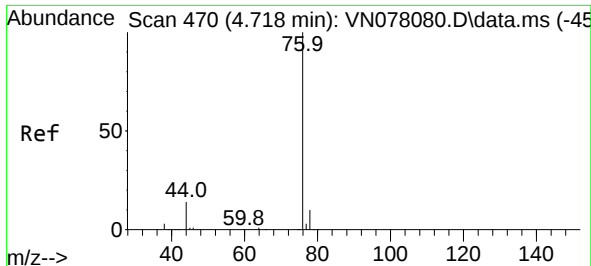
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#16
Acetone
Concen: 130.302 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Tgt Ion: 43 Resp: 246451
Ion Ratio Lower Upper
43 100
58 30.5 28.0 42.0





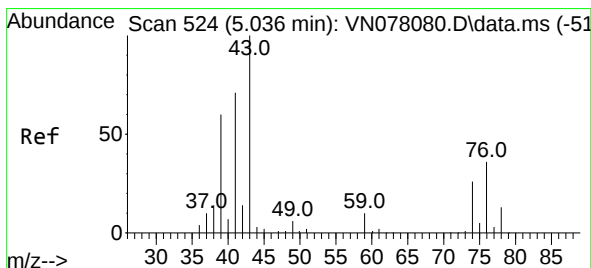
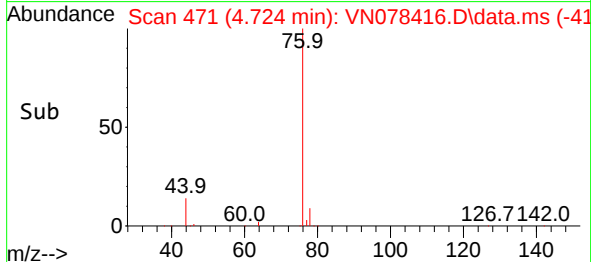
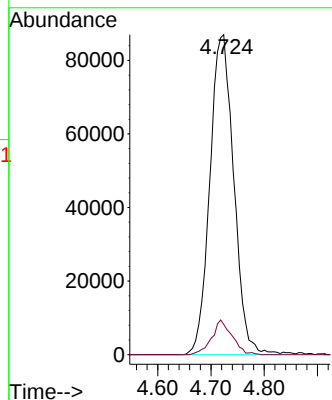
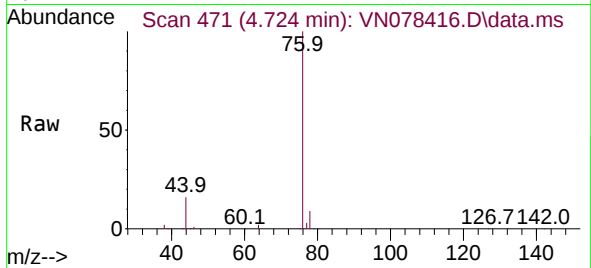
#17
Carbon Disulfide
Concen: 19.562 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Tgt Ion: 76 Resp: 270975
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

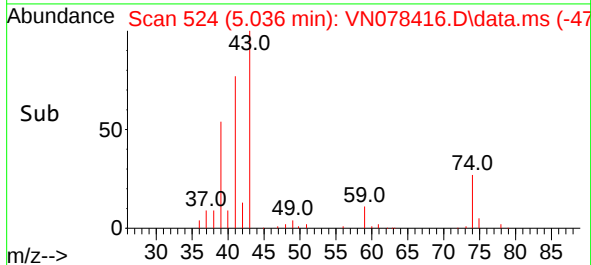
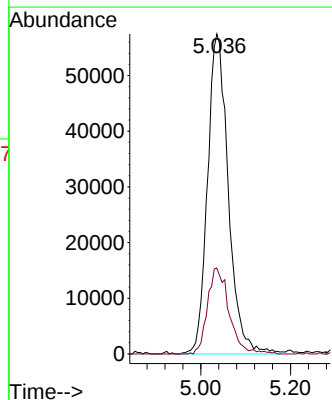
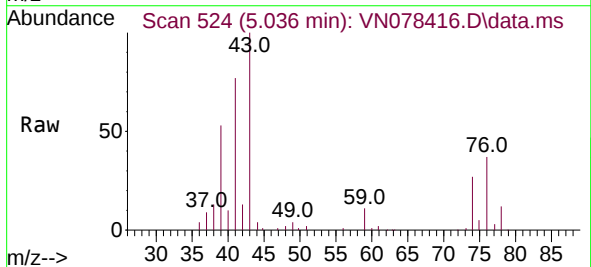
Manual Integrations
APPROVED

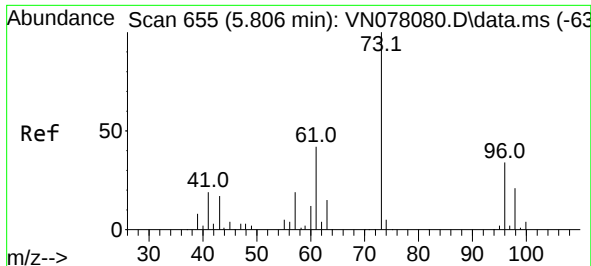
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#18
Methyl Acetate
Concen: 21.284 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Tgt Ion: 43 Resp: 185335
Ion Ratio Lower Upper
43 100
74 27.9 26.2 39.4





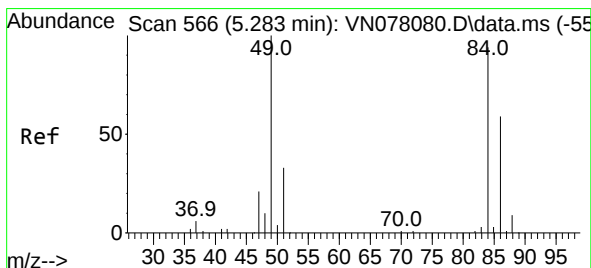
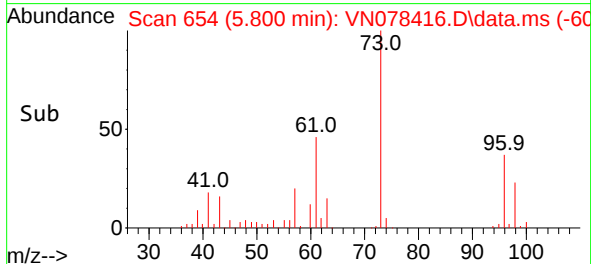
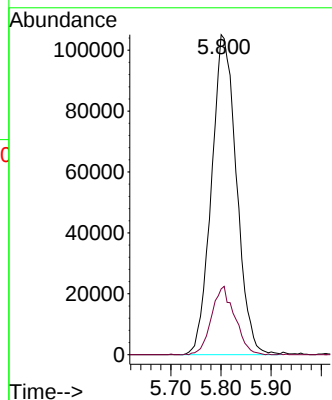
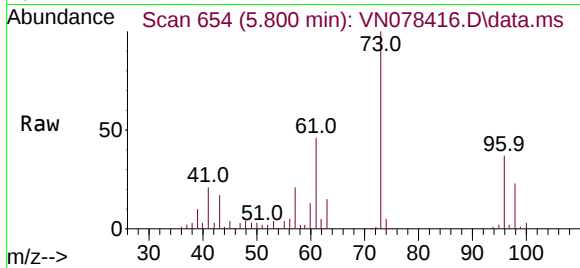
#19
Methyl tert-butyl Ether
Concen: 21.211 ug/l
RT: 5.800 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Tgt Ion: 73 Resp: 364210
Ion Ratio Lower Upper
73 100
57 20.6 15.6 23.4

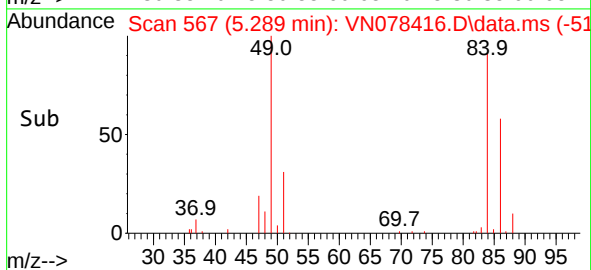
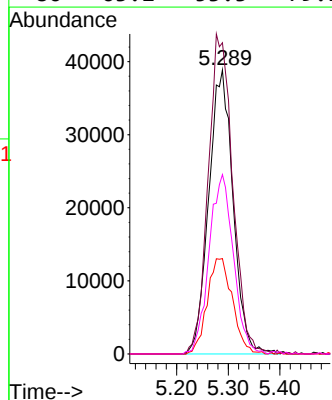
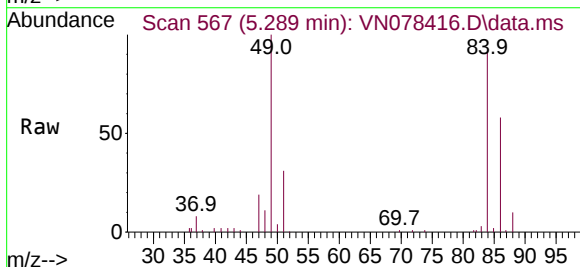
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#20
Methylene Chloride
Concen: 20.318 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

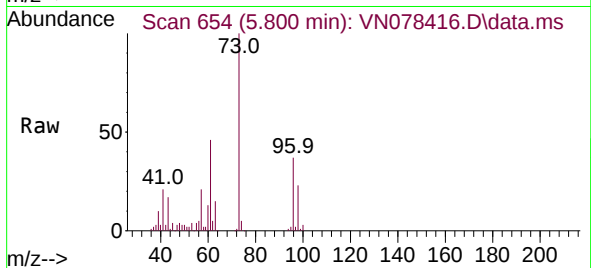
Tgt Ion: 84 Resp: 126990
Ion Ratio Lower Upper
84 100
49 109.6 79.7 119.5
51 33.6 25.2 37.8
86 63.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 20.572 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

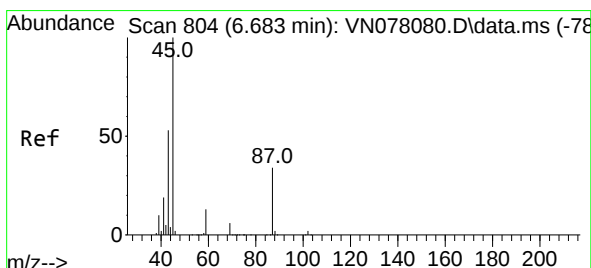
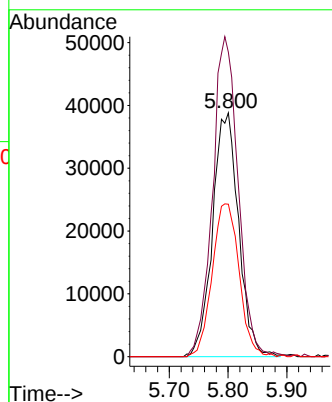
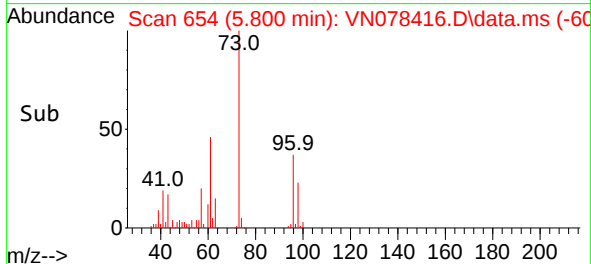
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01



Tgt Ion: 96 Resp: 119410
Ion Ratio Lower Upper
96 100
61 124.8 90.1 135.1
98 62.5 46.4 69.6

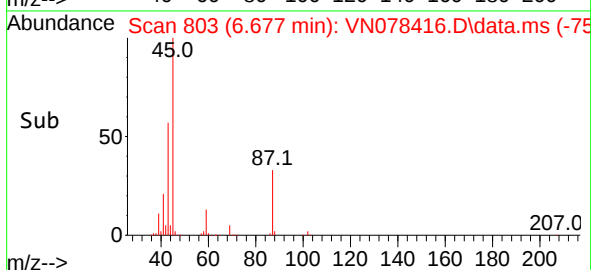
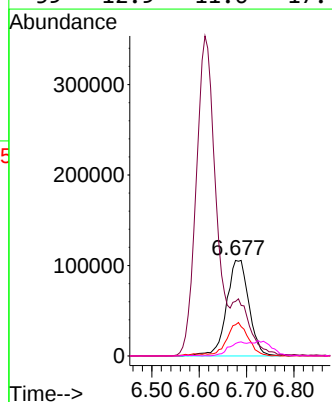
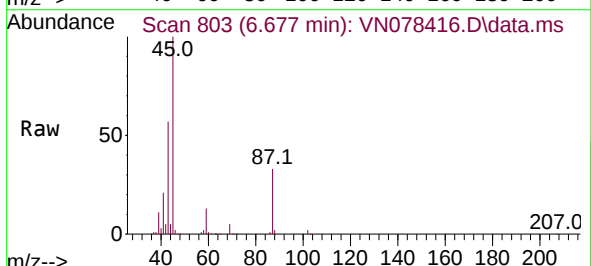
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#22
Diisopropyl ether
Concen: 22.467 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

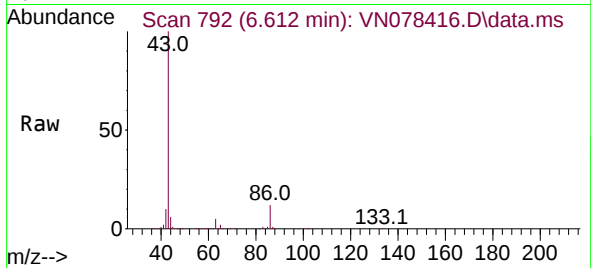
Tgt Ion: 45 Resp: 347180
Ion Ratio Lower Upper
45 100
43 55.5 45.5 68.3
87 32.7 31.8 47.8
59 12.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 110.865 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078416.D
 Acq: 27 Jun 2023 14:55

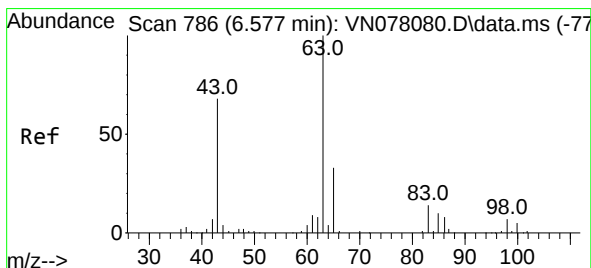
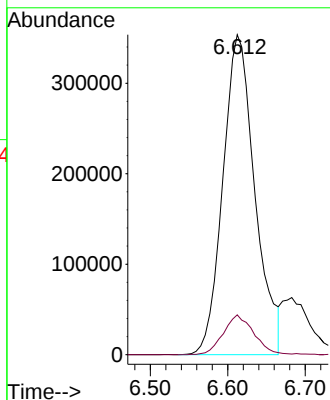
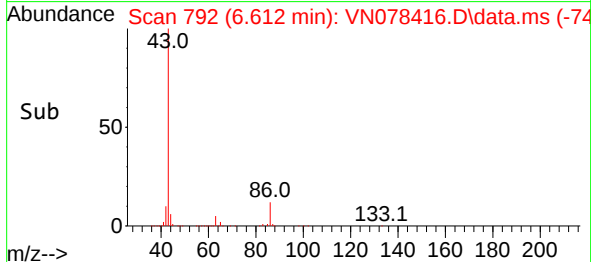
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBSD01



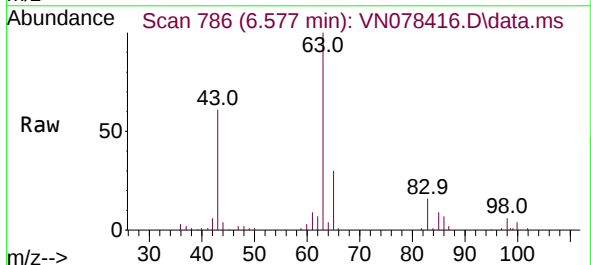
Tgt Ion: 43 Resp: 1018400
 Ion Ratio Lower Upper
 43 100
 86 12.3 13.0 19.6

Manual Integrations
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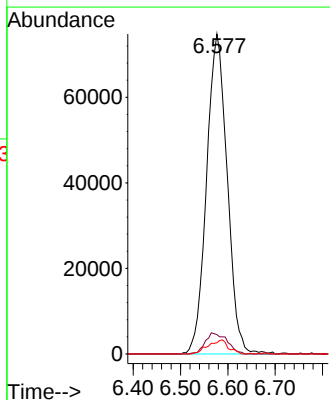
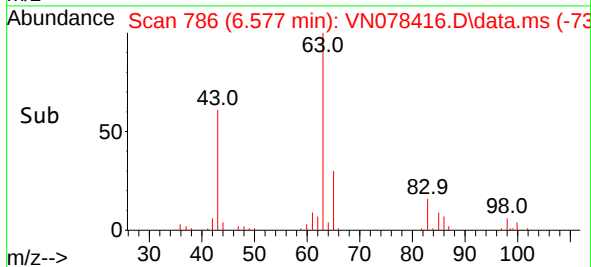
Reviewed By :John Carlone 06/28/2023
 Supervised By :Mahesh Dadoda 06/28/2023



#24
 1,1-Dichloroethane
 Concen: 22.195 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078416.D
 Acq: 27 Jun 2023 14:55



Tgt Ion: 63 Resp: 226258
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 3.5 2.5 7.4





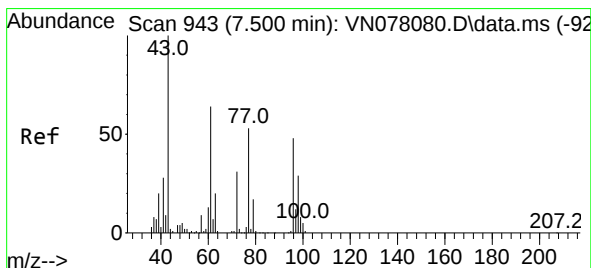
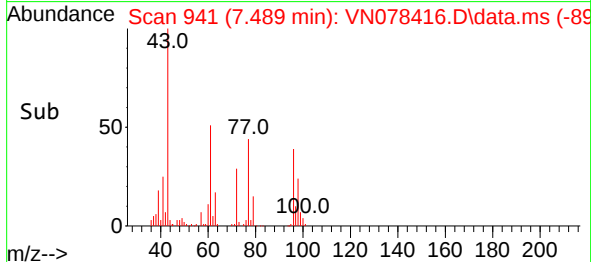
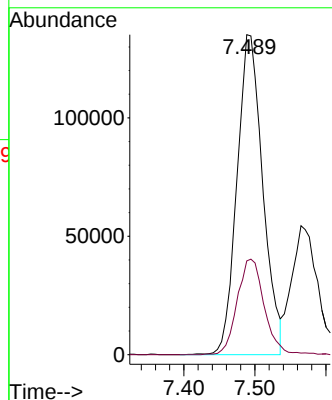
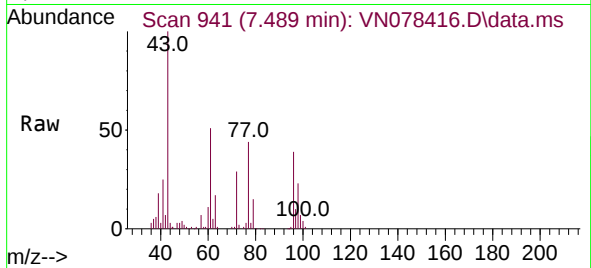
#25
2-Butanone
Concen: 117.571 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Tgt Ion: 43 Resp: 341959
Ion Ratio Lower Upper
43 100
72 29.3 30.2 45.2

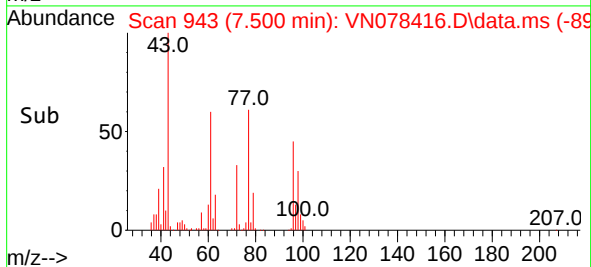
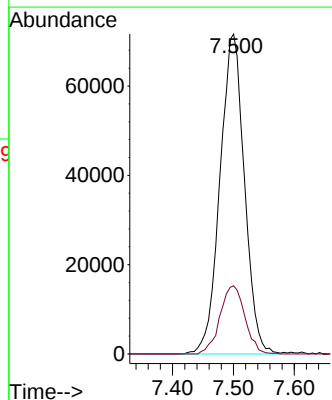
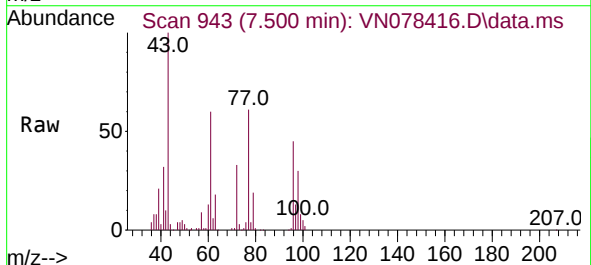
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#26
2,2-Dichloropropane
Concen: 26.513 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Tgt Ion: 77 Resp: 199565
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 20.569 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN078416.D

Acq: 27 Jun 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBSD01

Tgt Ion: 96 Resp: 14241

Ion Ratio Lower Upper

96 100

61 138.2 0.0 255.2

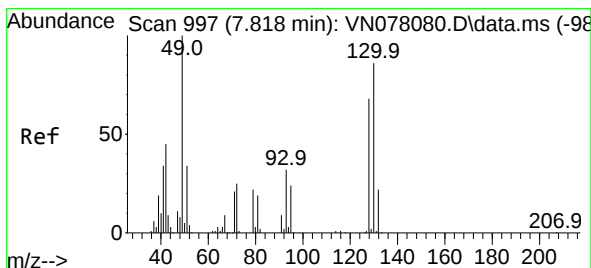
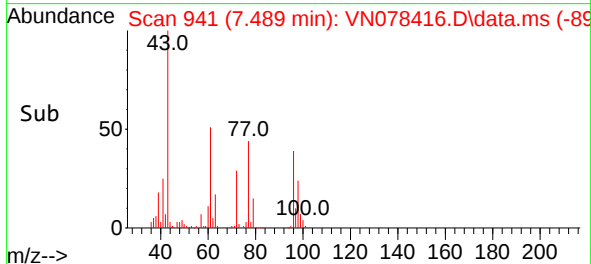
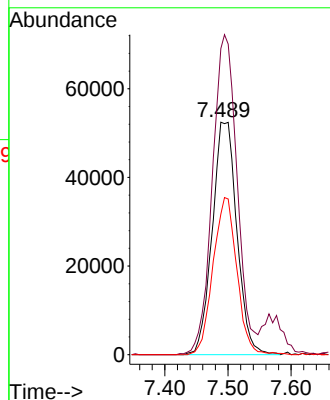
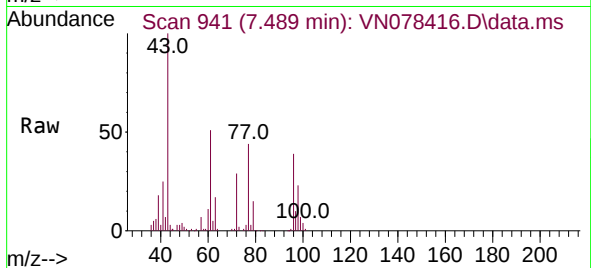
98 65.4 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#28

Bromochloromethane

Concen: 22.916 ug/l

RT: 7.818 min Scan# 997

Delta R.T. 0.000 min

Lab File: VN078416.D

Acq: 27 Jun 2023 14:55

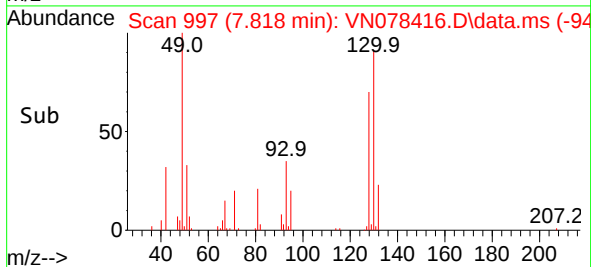
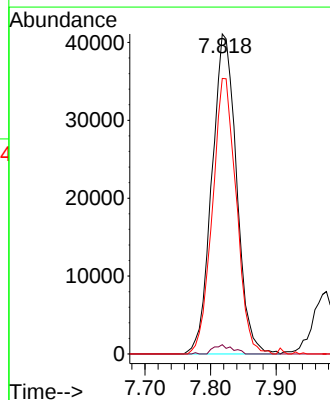
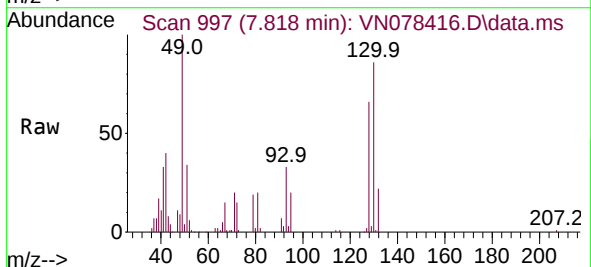
Tgt Ion: 49 Resp: 107259

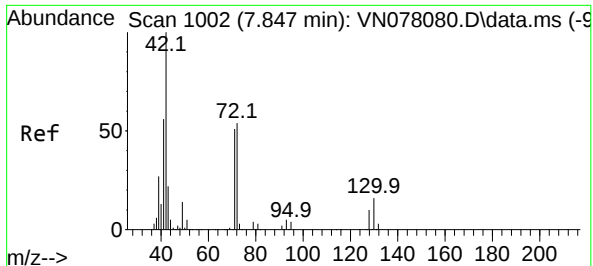
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

130 83.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 109.025 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078416.D

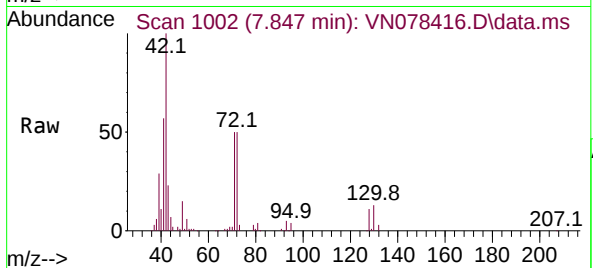
Acq: 27 Jun 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBSD01



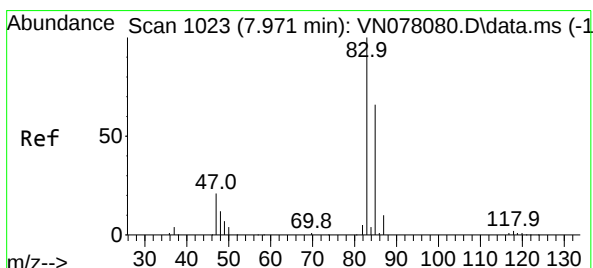
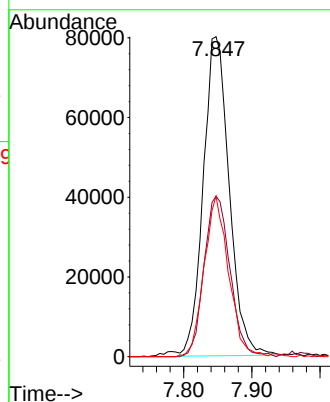
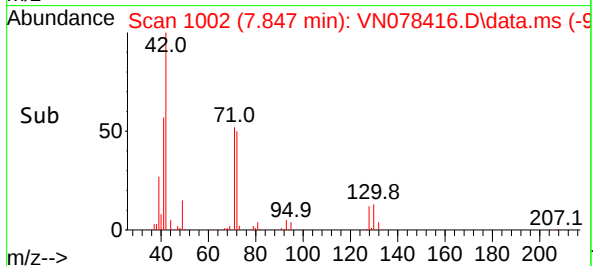
Tgt Ion:	42	Resp:	21198
Ion Ratio	100	Lower	Upper
42	100		
72	50.5	49.8	74.6
71	47.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#30

Chloroform

Concen: 22.204 ug/l

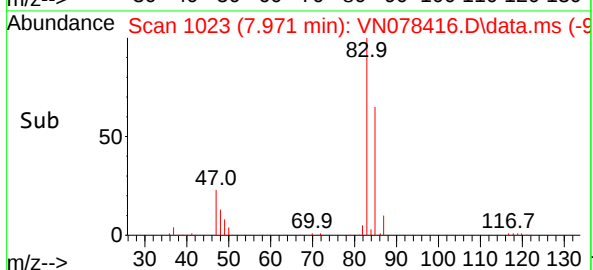
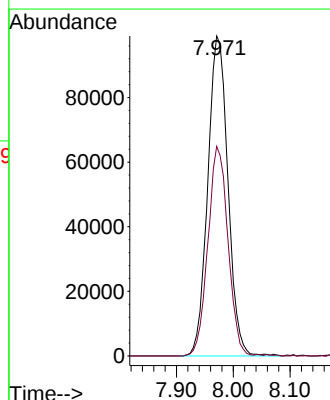
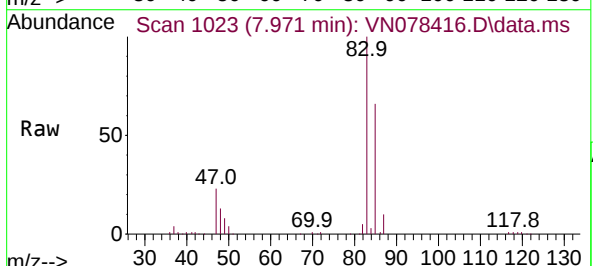
RT: 7.971 min Scan# 1023

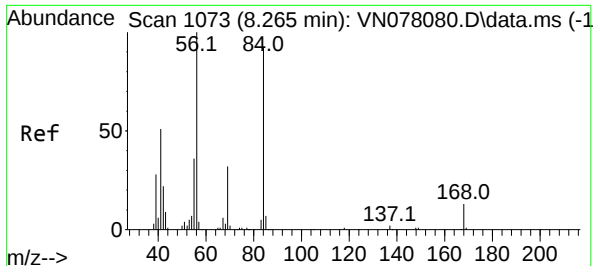
Delta R.T. 0.000 min

Lab File: VN078416.D

Acq: 27 Jun 2023 14:55

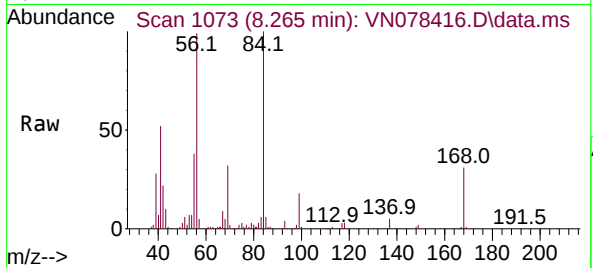
Tgt Ion:	83	Resp:	243734
Ion Ratio	100	Lower	Upper
83	100		
85	65.5	55.4	83.0





#31
Cyclohexane
Concen: 21.021 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

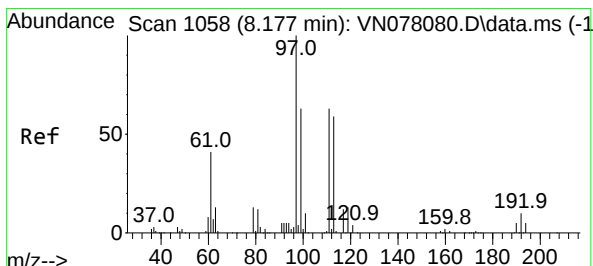
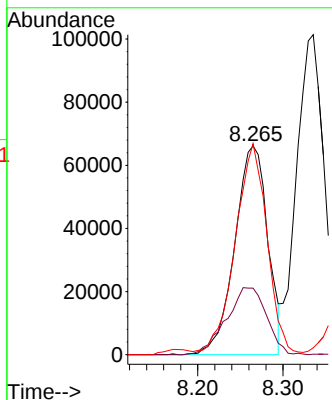
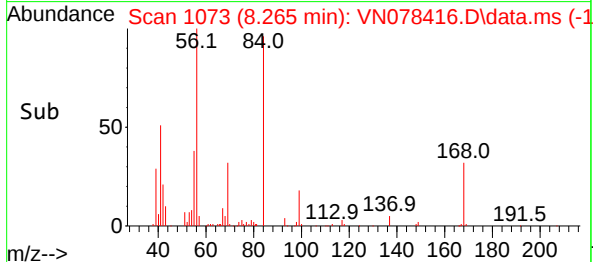
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01



Tgt Ion: 56 Resp: 17719
Ion Ratio Lower Upper
56 100
69 31.0 26.8 40.2
84 98.6 81.8 122.6

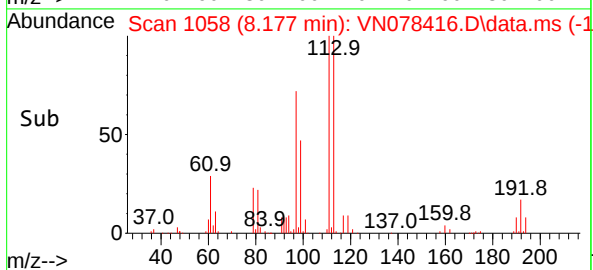
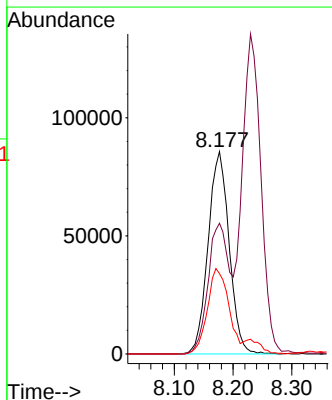
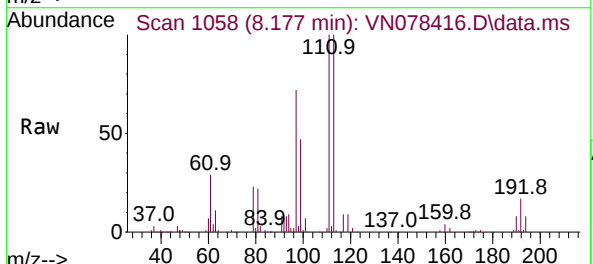
Manual Integrations
APPROVED

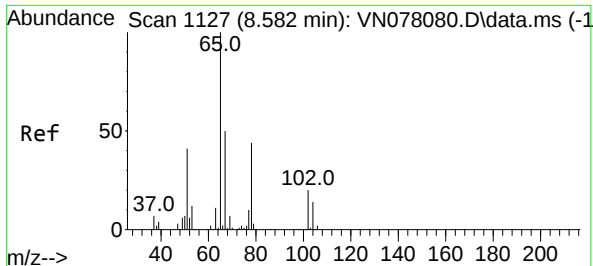
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#32
1,1,1-Trichloroethane
Concen: 22.121 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Tgt Ion: 97 Resp: 213187
Ion Ratio Lower Upper
97 100
99 65.9 50.3 75.5
61 43.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.514 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078416.D

Acq: 27 Jun 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBSD01

Tgt Ion: 65 Resp: 33849

Ion Ratio Lower Upper

65 100

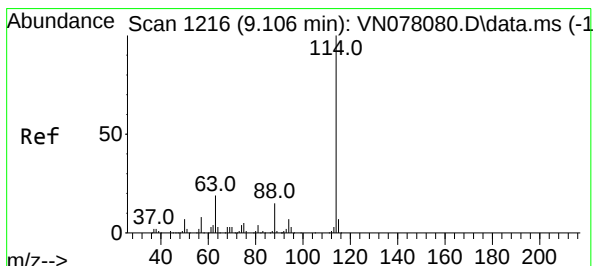
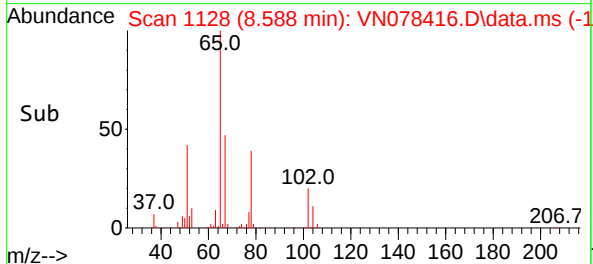
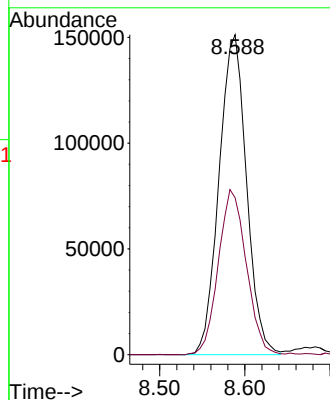
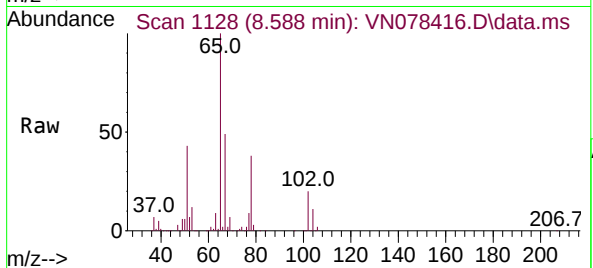
67 52.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078416.D

Acq: 27 Jun 2023 14:55

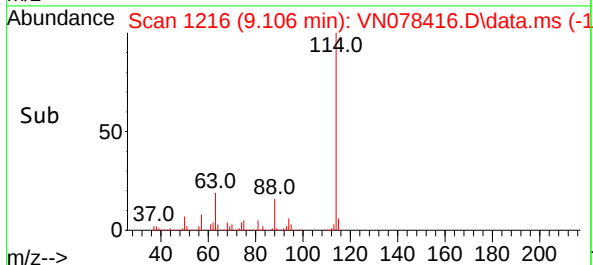
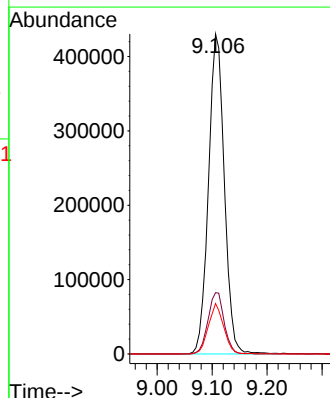
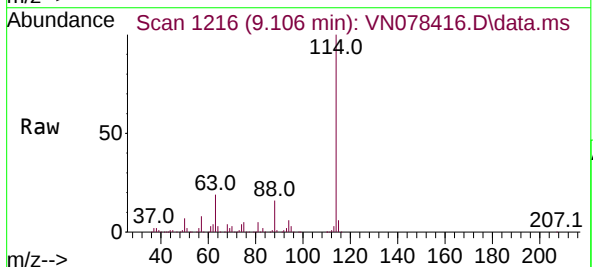
Tgt Ion:114 Resp: 862428

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

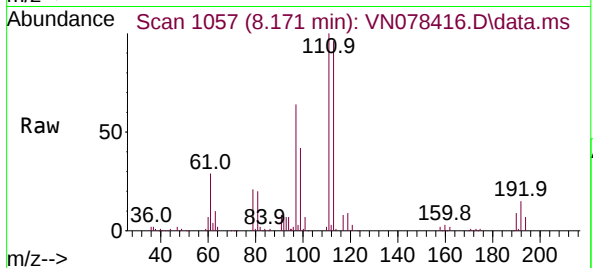
88 15.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.019 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

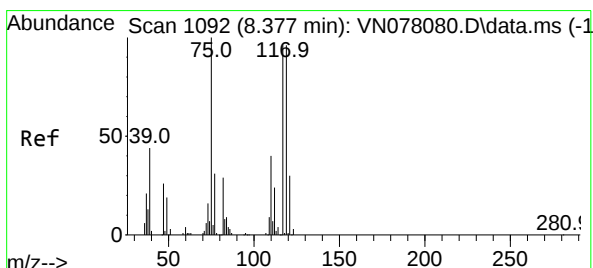
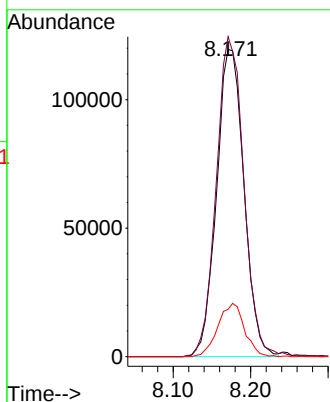
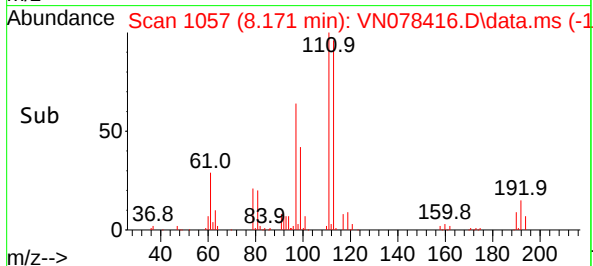
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01



Tgt Ion: 113 Resp: 294564
Ion Ratio Lower Upper
113 100
111 104.7 82.6 123.8
192 16.9 12.7 19.1

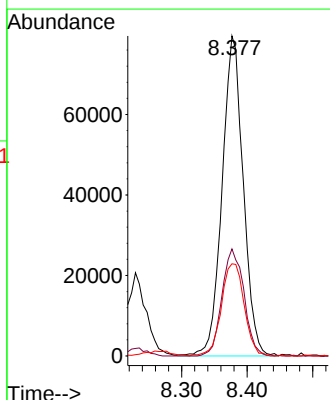
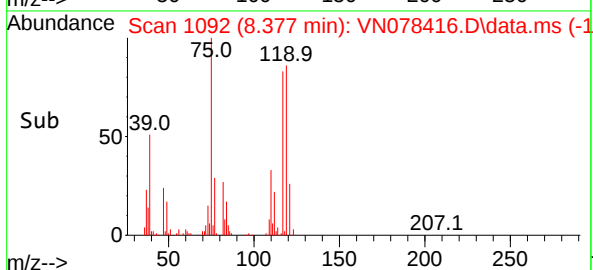
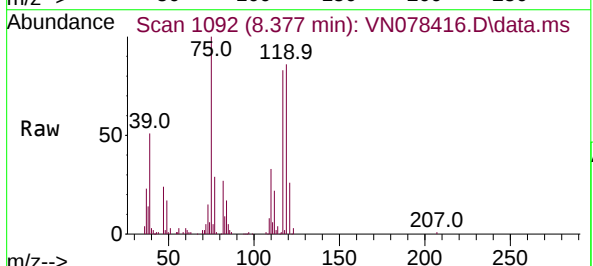
Manual Integrations
APPROVED

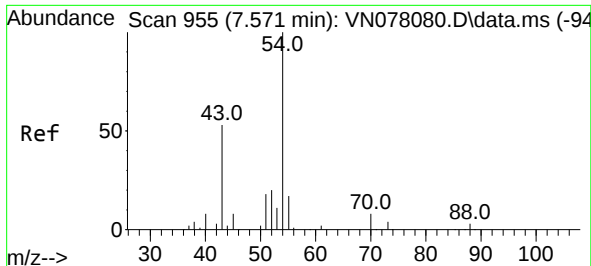
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#36
1,1-Dichloropropene
Concen: 22.755 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

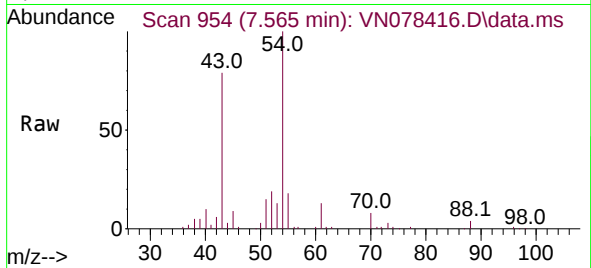
Tgt Ion: 75 Resp: 177979
Ion Ratio Lower Upper
75 100
110 34.8 19.1 57.3
77 31.2 25.0 37.4





#37
Ethyl Acetate
Concen: 23.169 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

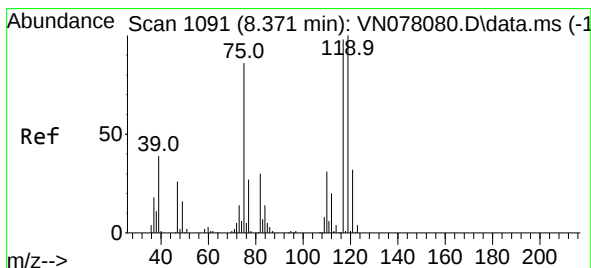
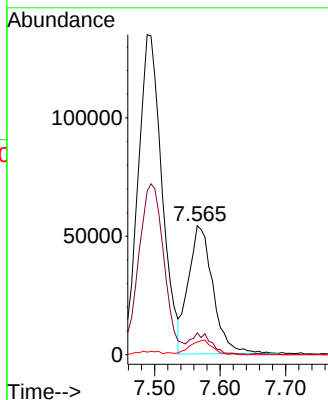
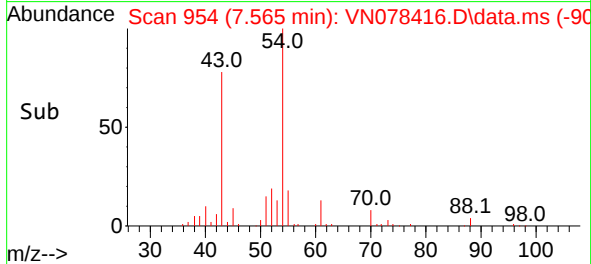
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01



Tgt Ion: 43 Resp: 141570
Ion Ratio Lower Upper
43 100
61 14.2 13.2 19.8
70 10.4 11.3 16.9

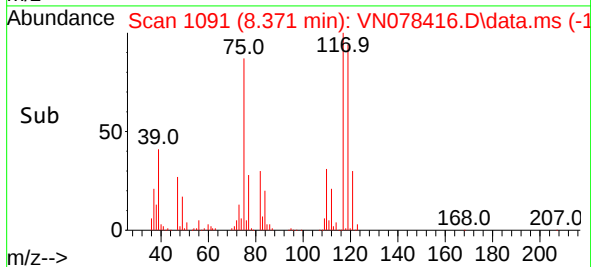
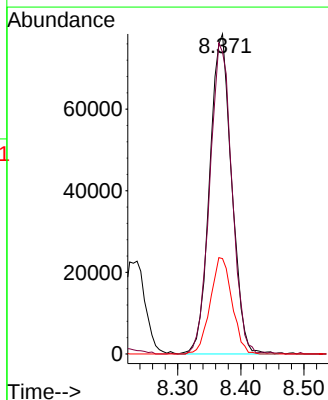
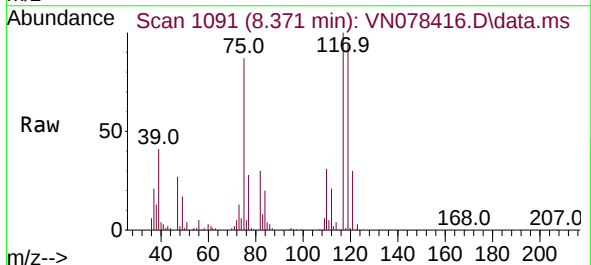
Manual Integrations
APPROVED

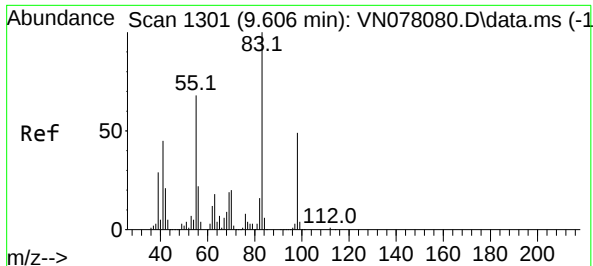
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#38
Carbon Tetrachloride
Concen: 23.011 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

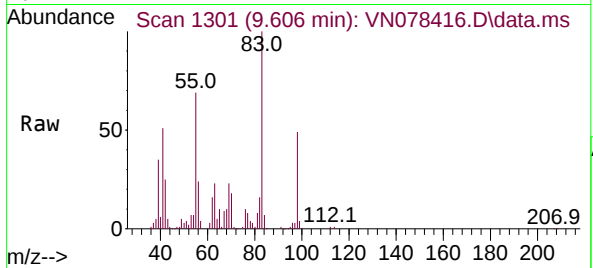
Tgt Ion:117 Resp: 190045
Ion Ratio Lower Upper
117 100
119 94.4 77.3 115.9
121 29.8 23.3 34.9





#39
Methylcyclohexane
Concen: 19.818 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

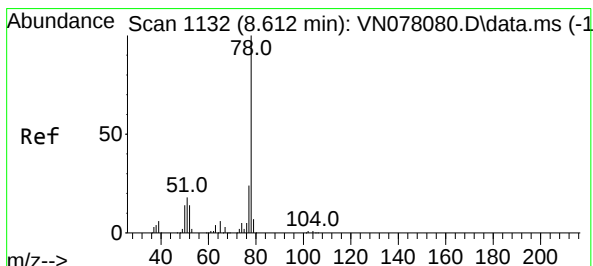
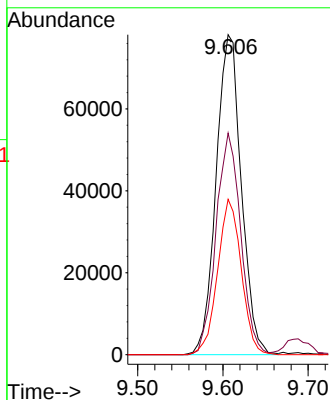
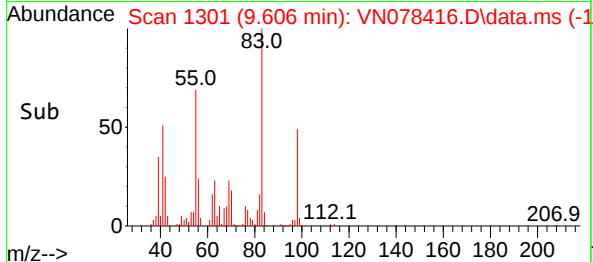
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01



Tgt Ion: 83 Resp: 160640
Ion Ratio Lower Upper
83 100
55 69.3 49.1 73.7
98 48.5 40.6 61.0

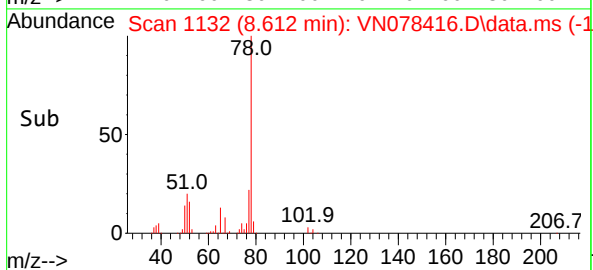
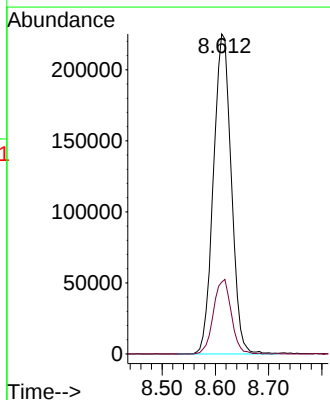
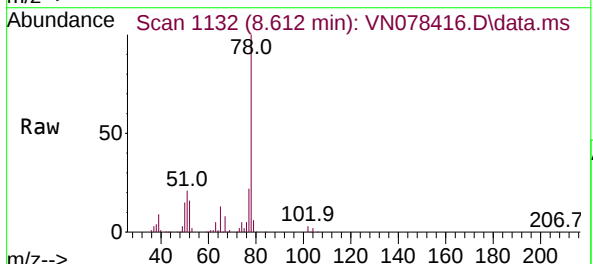
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#40
Benzene
Concen: 22.464 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

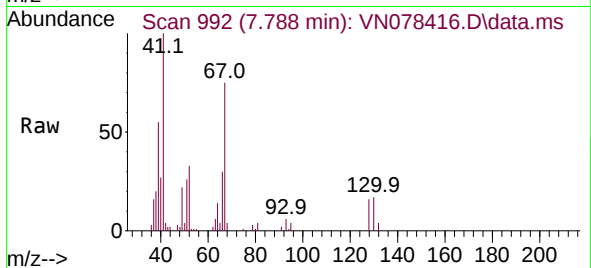
Tgt Ion: 78 Resp: 524559
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.6





#41
Methacrylonitrile
Concen: 21.670 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

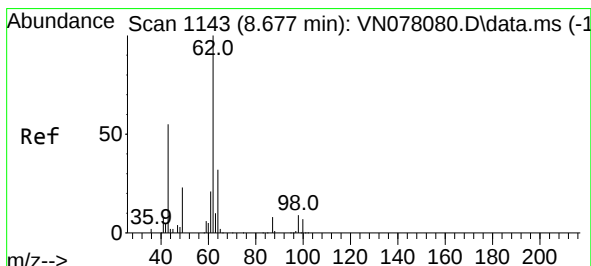
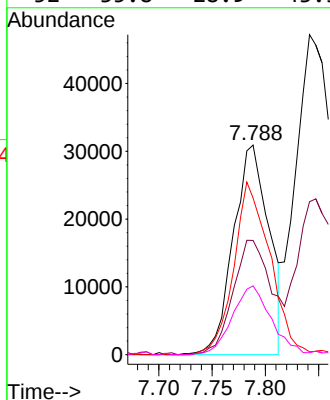
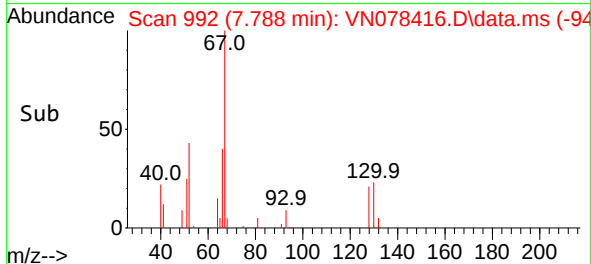
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01



Tgt Ion: 41 Resp: 71772
Ion Ratio Lower Upper
41 100
39 60.3 42.6 64.0
67 84.6 77.5 116.3
52 35.8 28.9 43.3

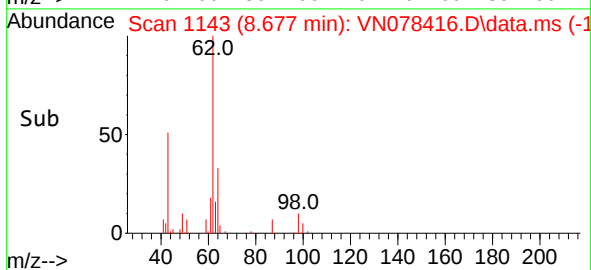
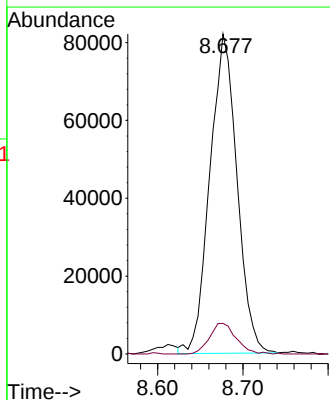
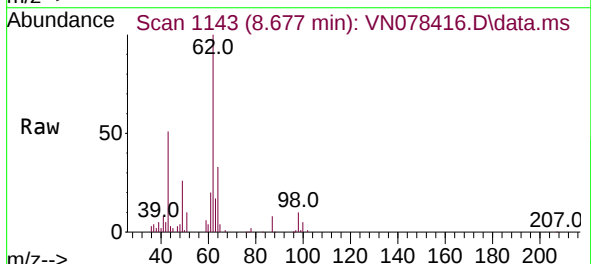
Manual Integrations
APPROVED

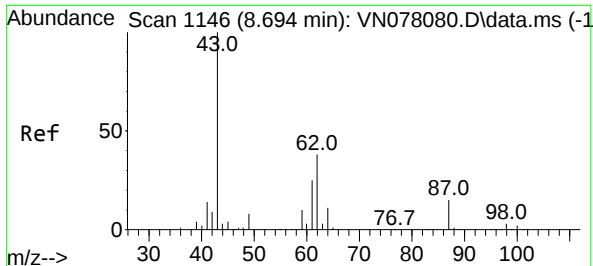
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#42
1,2-Dichloroethane
Concen: 22.654 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Tgt Ion: 62 Resp: 181374
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





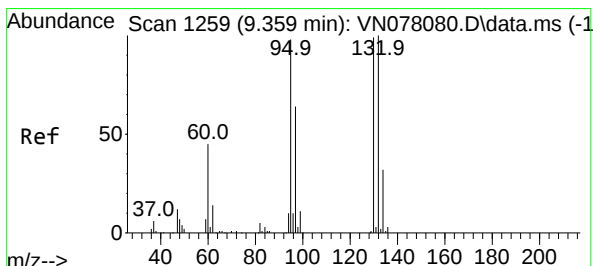
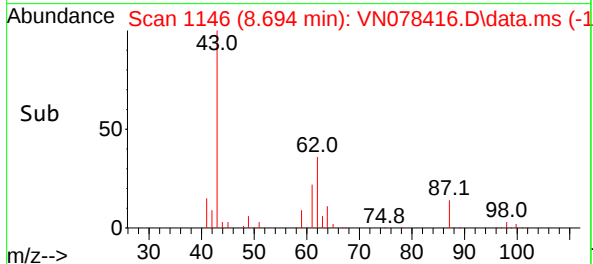
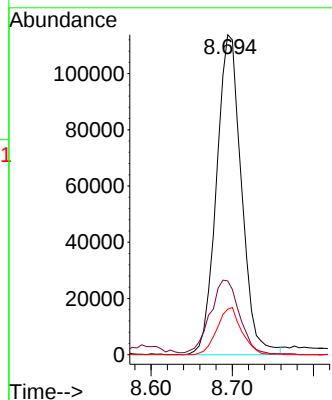
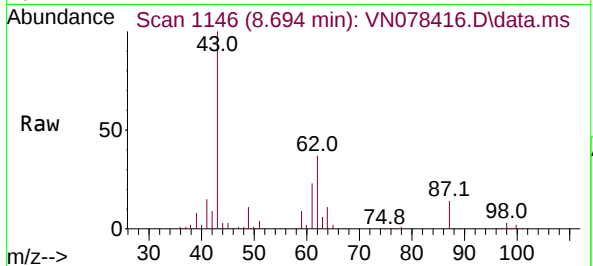
#43
Isopropyl Acetate
Concen: 20.838 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Tgt Ion: 43 Resp: 243512
Ion Ratio Lower Upper
43 100
61 27.1 24.7 37.1
87 14.5 14.6 21.8

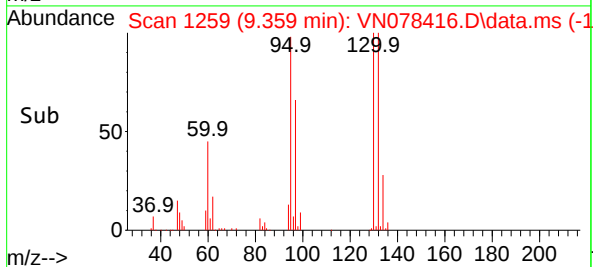
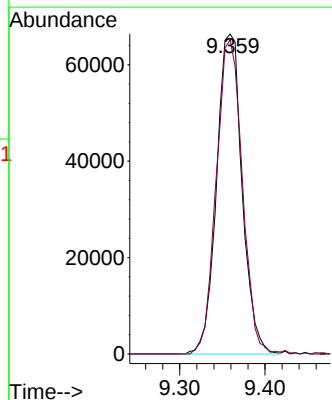
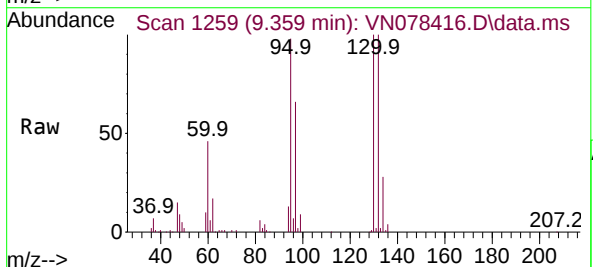
Manual Integrations
APPROVED

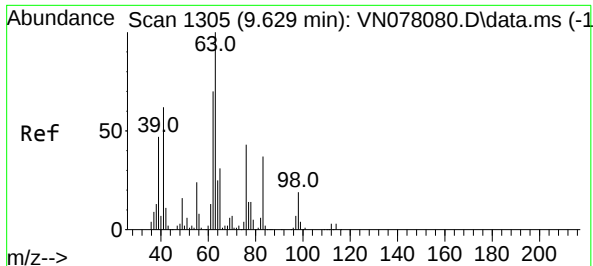
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#44
Trichloroethene
Concen: 22.426 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Tgt Ion:130 Resp: 138294
Ion Ratio Lower Upper
130 100
95 98.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 23.518 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078416.D

Acq: 27 Jun 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBSD01

Tgt Ion: 63 Resp: 136630

Ion Ratio Lower Upper

63 100

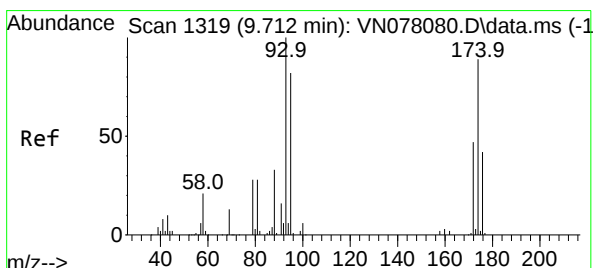
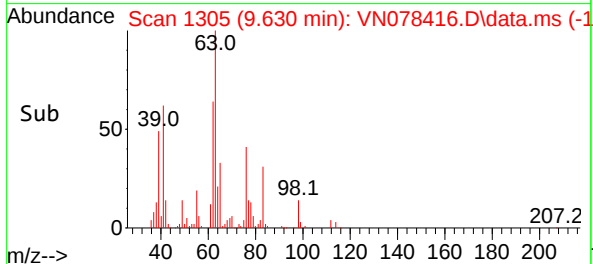
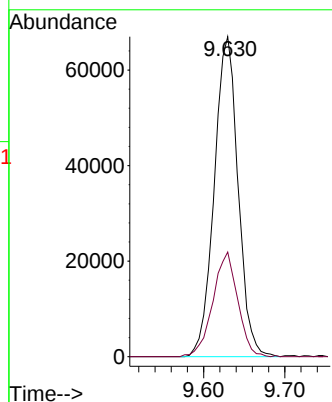
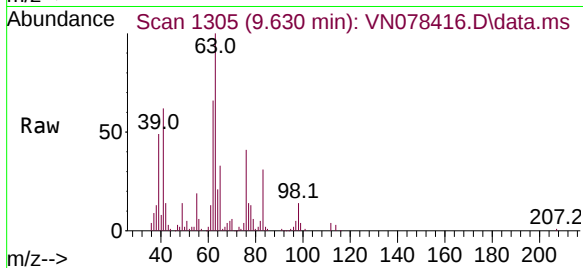
65 32.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#46

Dibromomethane

Concen: 22.025 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078416.D

Acq: 27 Jun 2023 14:55

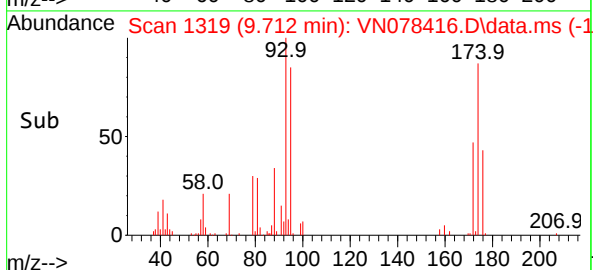
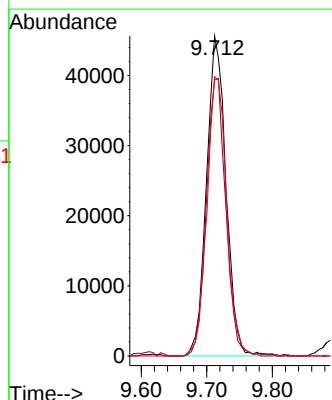
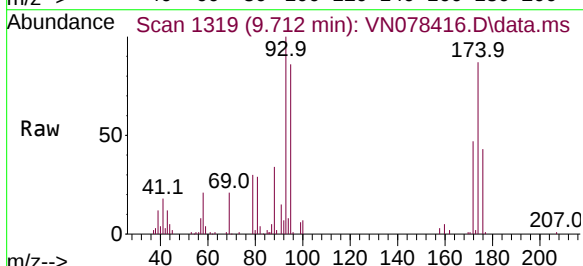
Tgt Ion: 93 Resp: 94252

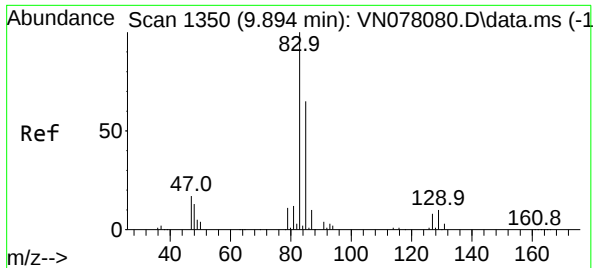
Ion Ratio Lower Upper

93 100

95 86.3 63.8 95.8

174 88.6 65.6 98.4





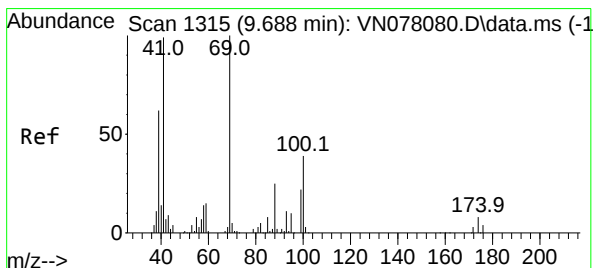
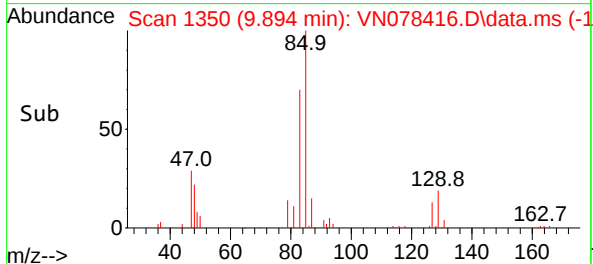
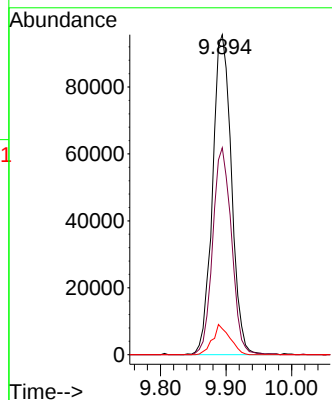
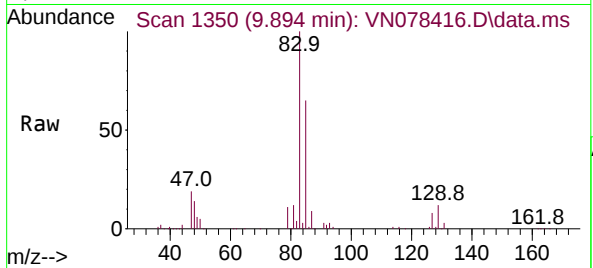
#47
Bromodichloromethane
Concen: 24.079 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Tgt Ion: 83 Resp: 19140
Ion Ratio Lower Upper
83 100
85 64.7 49.6 74.4
127 8.1 7.0 10.6

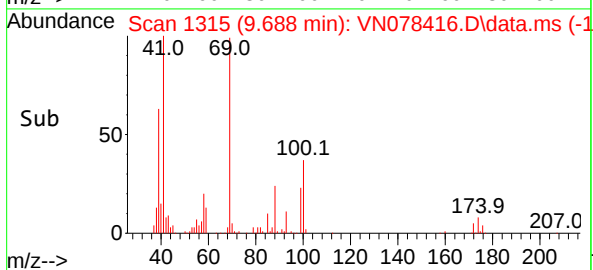
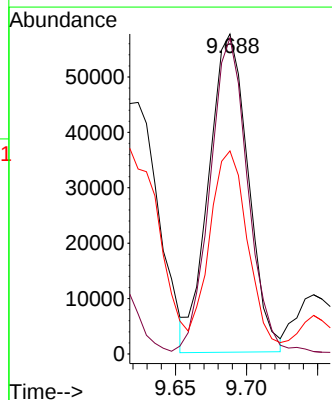
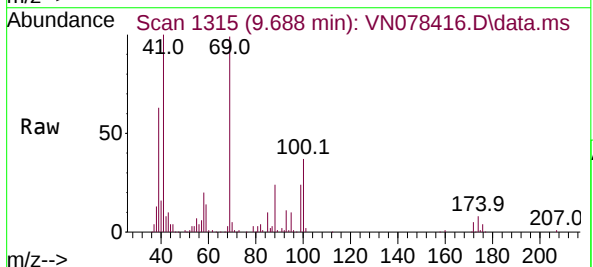
Manual Integrations
APPROVED

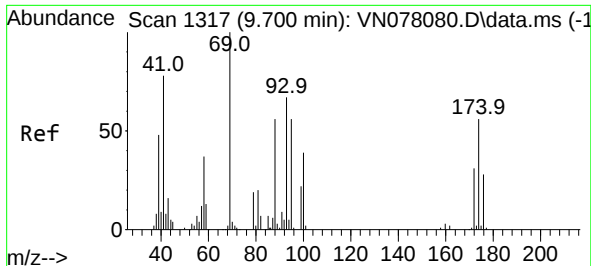
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#48
Methyl methacrylate
Concen: 22.644 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Tgt Ion: 41 Resp: 111047
Ion Ratio Lower Upper
41 100
69 96.6 90.4 135.6
39 62.2 54.6 81.8





#49

1,4-Dioxane

Concen: 436.719 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078416.D

Acq: 27 Jun 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBSD01

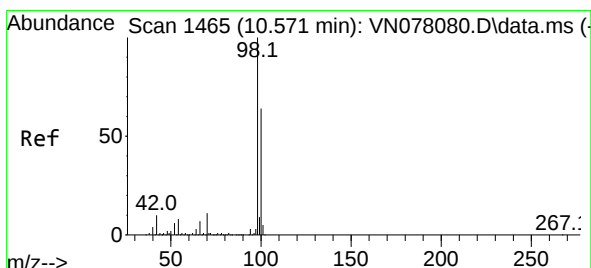
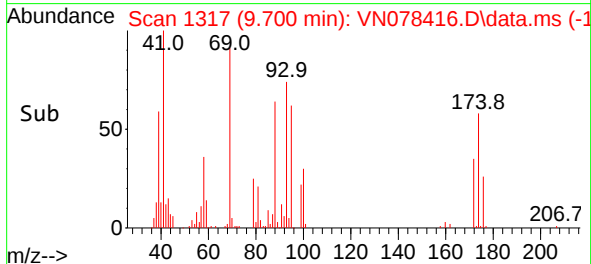
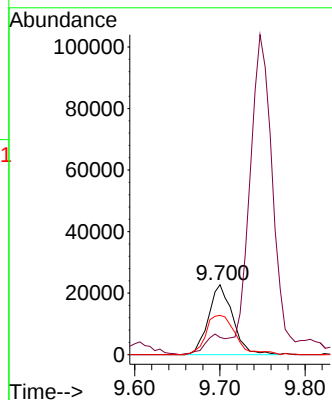
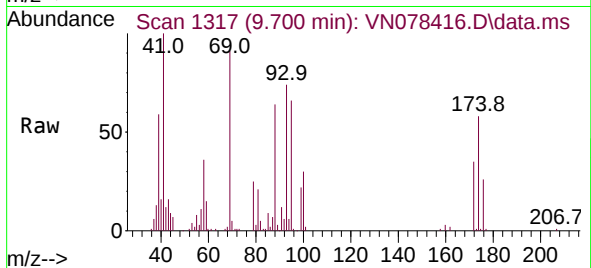
Tgt Ion:	88	Resp:	4501
Ion Ratio	Lower	Upper	
88	100		
43	23.4	17.0	25.6
58	68.6	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#50

Toluene-d8

Concen: 51.231 ug/l

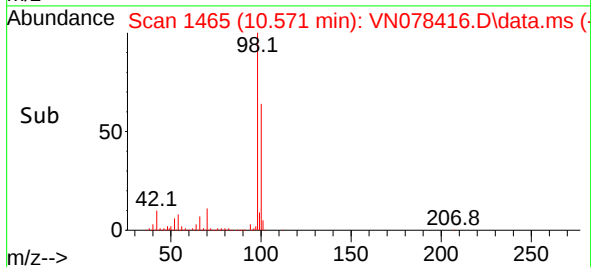
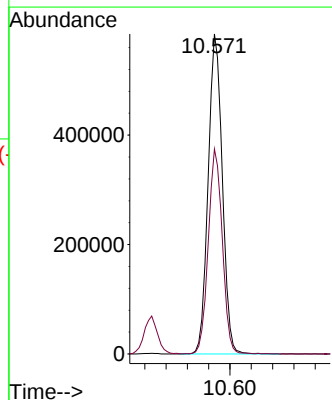
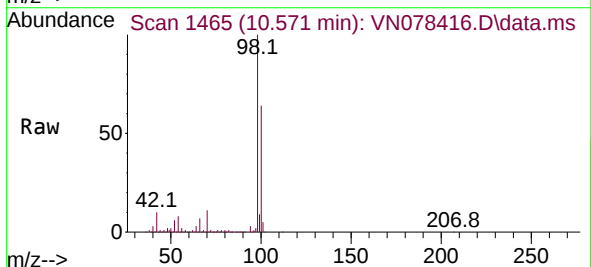
RT: 10.571 min Scan# 1465

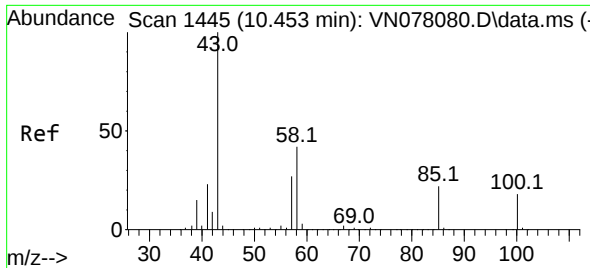
Delta R.T. 0.000 min

Lab File: VN078416.D

Acq: 27 Jun 2023 14:55

Tgt Ion:	98	Resp:	1076969
Ion Ratio	Lower	Upper	
98	100		
100	63.3	52.0	78.0





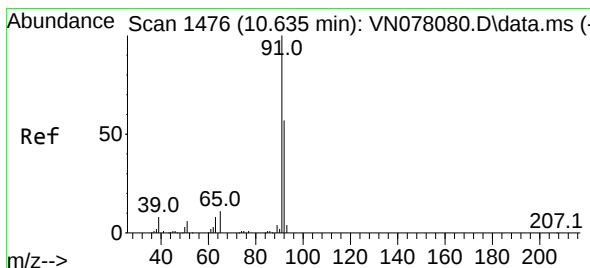
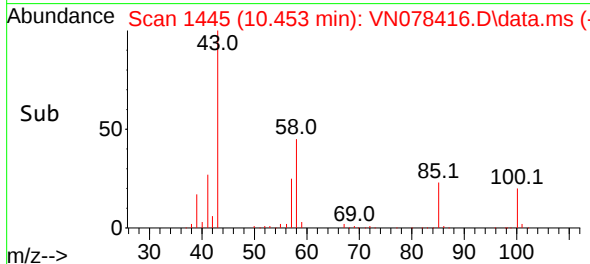
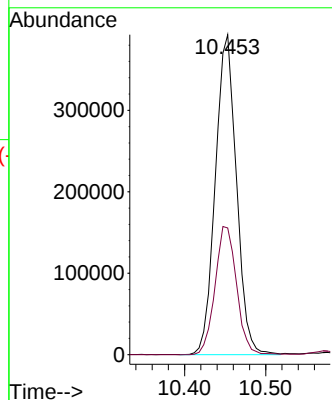
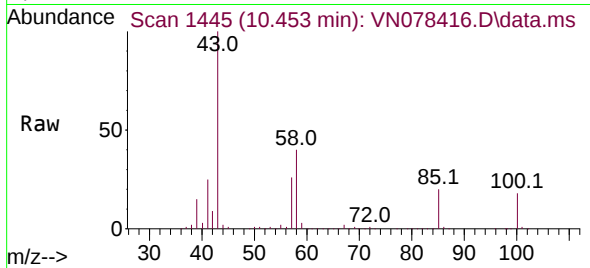
#51
4-Methyl-2-Pentanone
Concen: 115.513 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Tgt Ion: 43 Resp: 710810
Ion Ratio Lower Upper
43 100
58 41.0 36.6 54.8

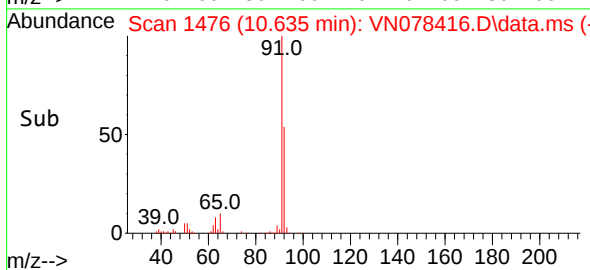
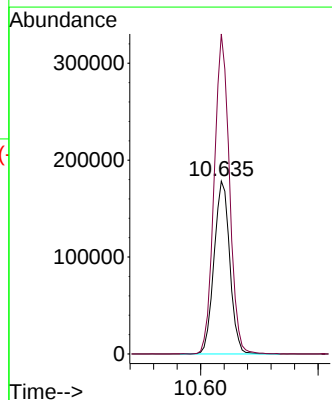
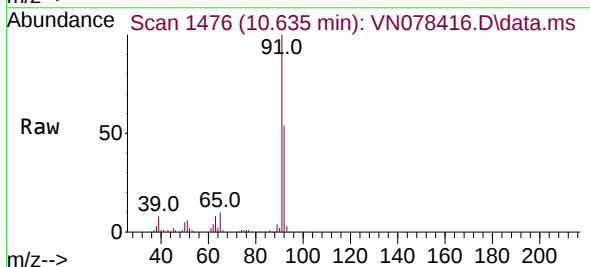
Manual Integrations
APPROVED

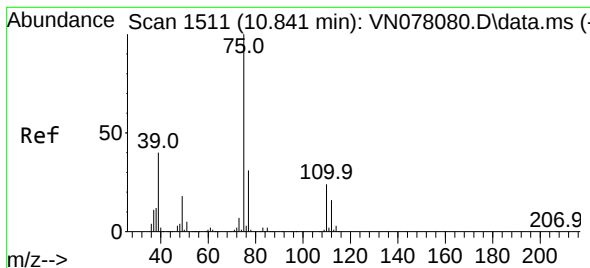
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#52
Toluene
Concen: 22.436 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Tgt Ion: 92 Resp: 330777
Ion Ratio Lower Upper
92 100
91 180.1 137.4 206.0





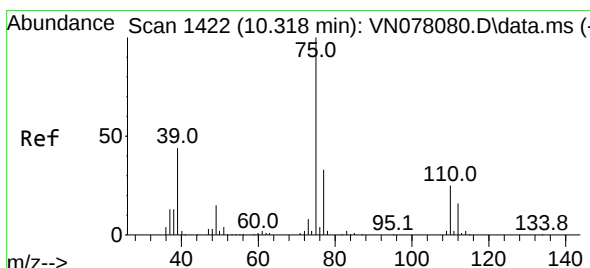
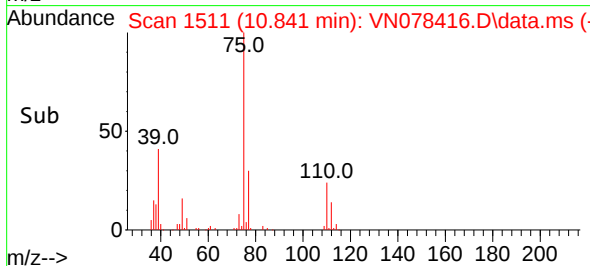
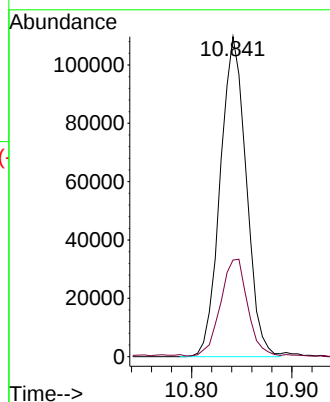
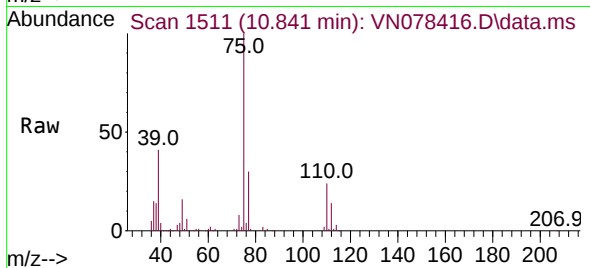
#53
t-1,3-Dichloropropene
Concen: 23.807 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Tgt Ion: 75 Resp: 197085
Ion Ratio Lower Upper
75 100
77 29.8 25.4 38.0

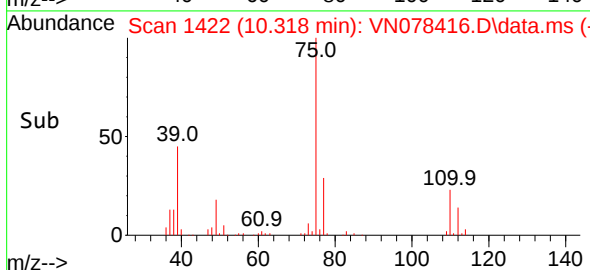
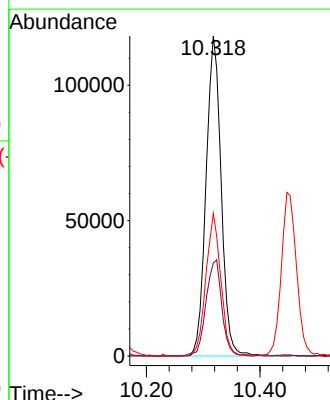
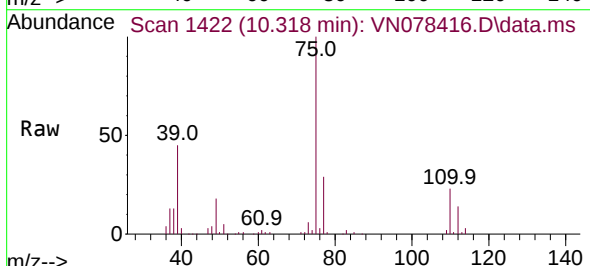
Manual Integrations
APPROVED

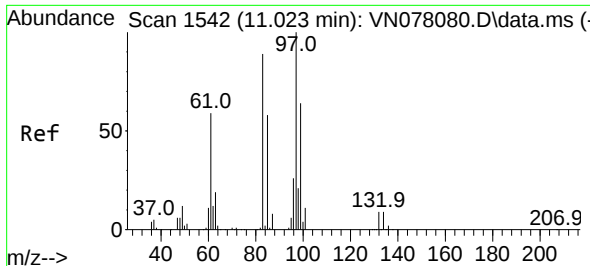
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#54
cis-1,3-Dichloropropene
Concen: 23.749 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

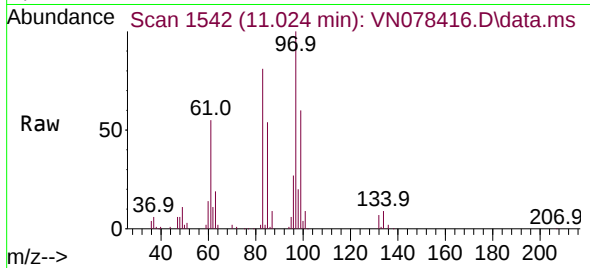
Tgt Ion: 75 Resp: 217326
Ion Ratio Lower Upper
75 100
77 29.0 26.1 39.1
39 44.6 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 23.458 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

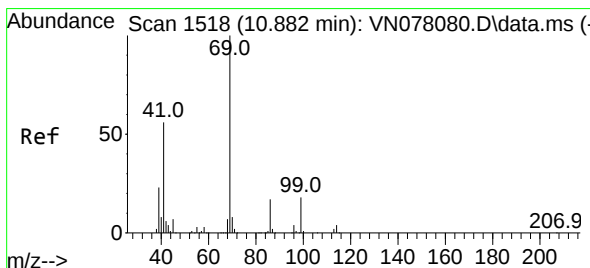
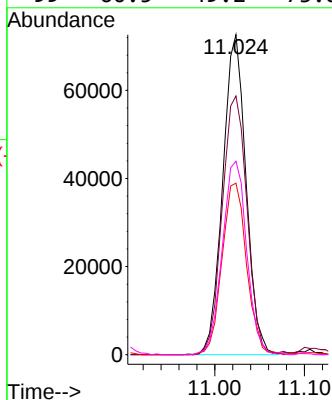
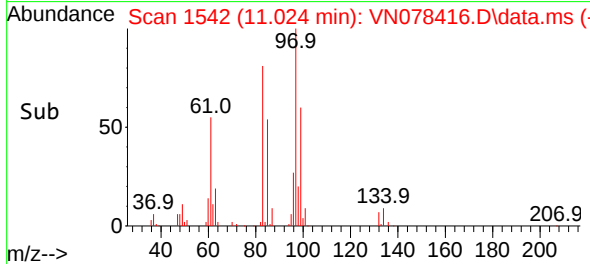
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01



Tgt Ion: 97 Resp: 130830
Ion Ratio Lower Upper
97 100
83 80.9 65.1 97.7
85 53.6 43.4 65.2
99 60.5 49.2 73.8

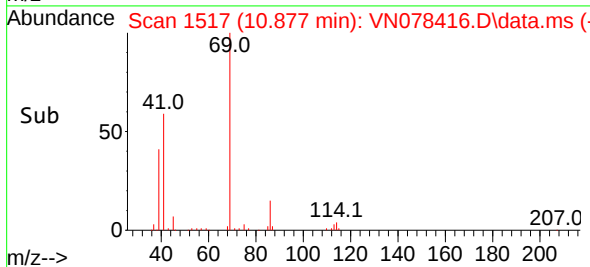
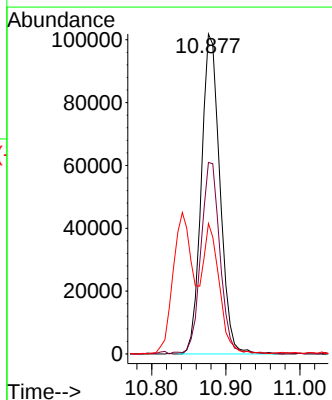
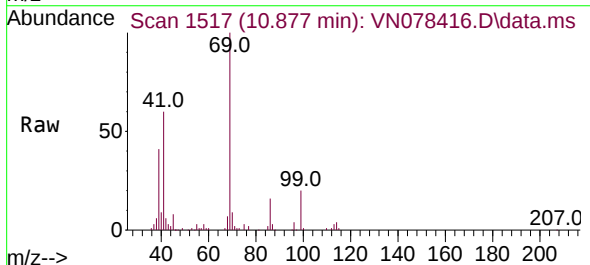
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#56
Ethyl methacrylate
Concen: 21.875 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

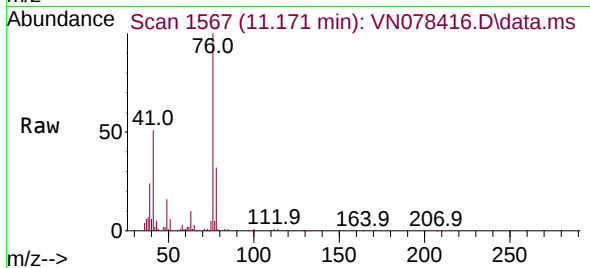
Tgt Ion: 69 Resp: 177647
Ion Ratio Lower Upper
69 100
41 61.7 39.6 59.4#
39 33.9 28.6 43.0





#57
1,3-Dichloropropane
Concen: 22.966 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

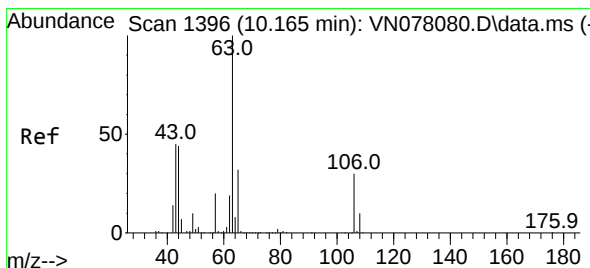
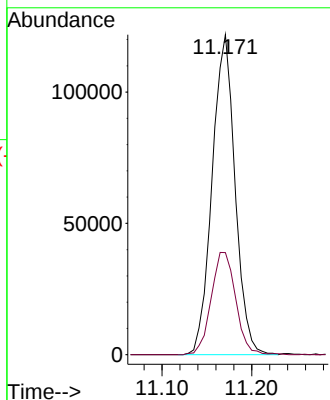
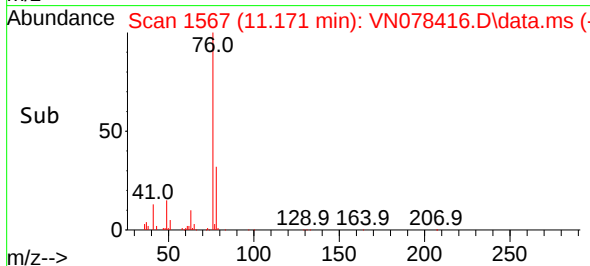
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01



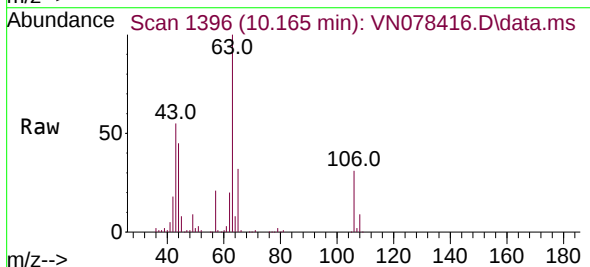
Tgt Ion: 76 Resp: 216207
Ion Ratio Lower Upper
76 100
78 34.2 26.1 39.1

Manual Integrations
APPROVED

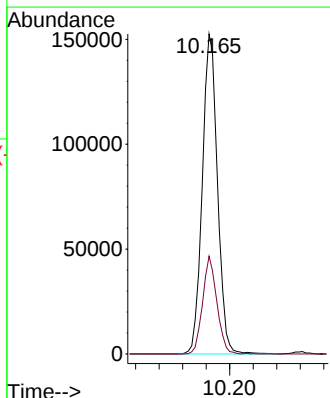
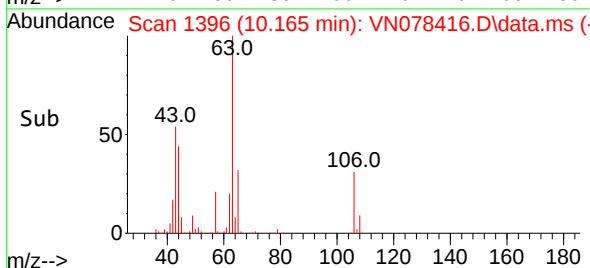
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

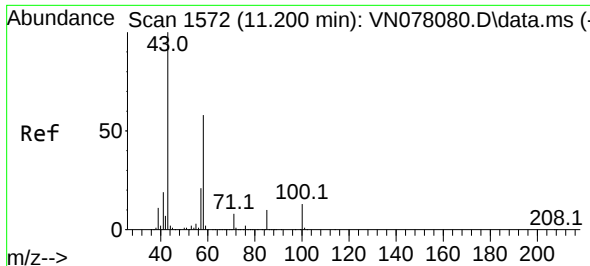


#58
2-Chloroethyl Vinyl ether
Concen: 83.485 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55



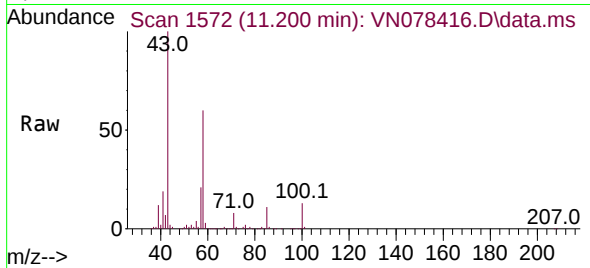
Tgt Ion: 63 Resp: 273878
Ion Ratio Lower Upper
63 100
106 28.5 26.2 39.4





#59
2-Hexanone
Concen: 116.600 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

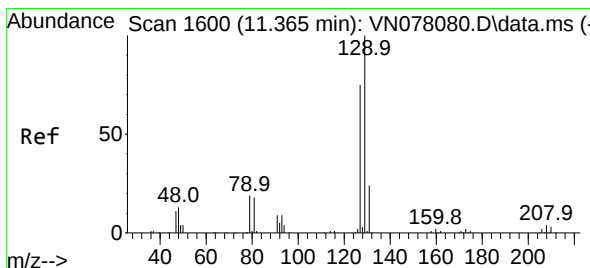
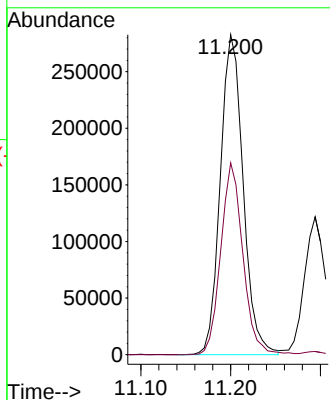
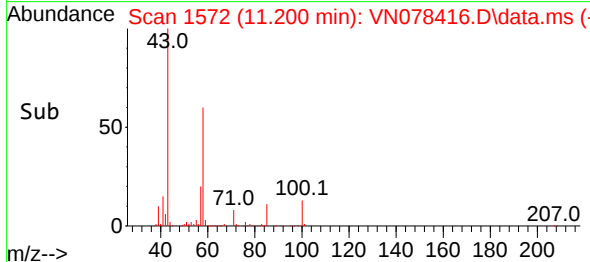
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01



Tgt Ion: 43 Resp: 499594
Ion Ratio Lower Upper
43 100
58 58.1 31.7 95.1

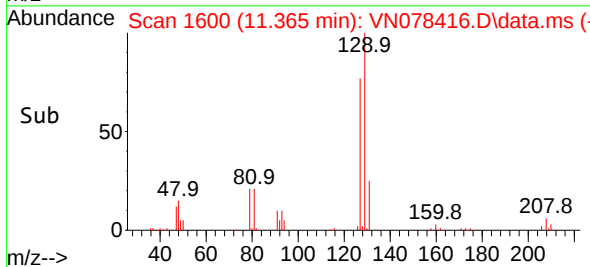
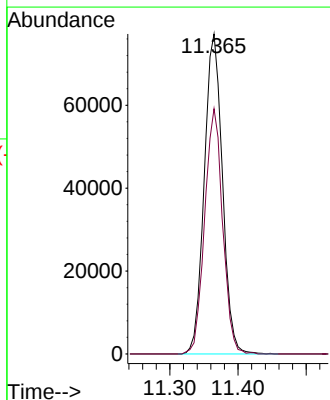
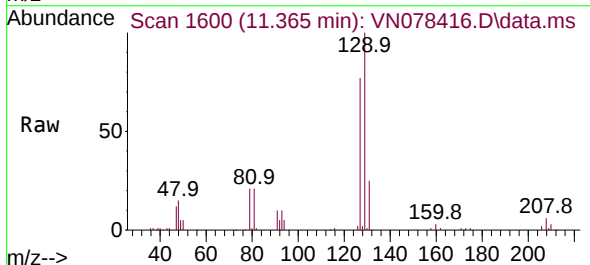
Manual Integrations
APPROVED

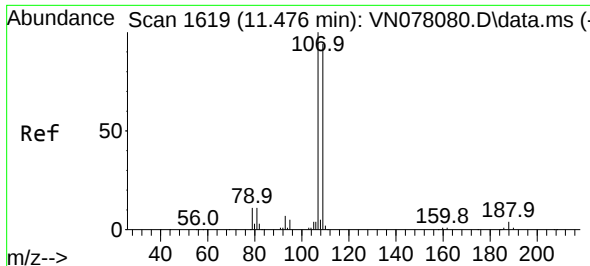
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#60
Dibromochloromethane
Concen: 23.428 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

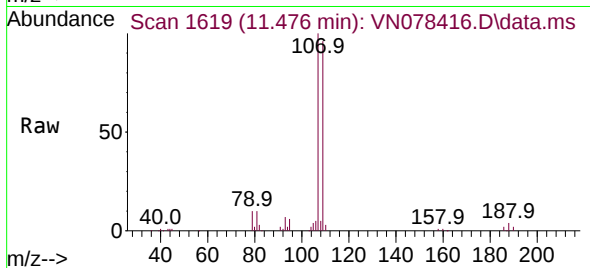
Tgt Ion:129 Resp: 142977
Ion Ratio Lower Upper
129 100
127 75.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 22.594 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

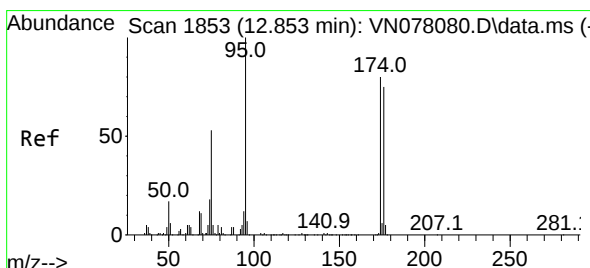
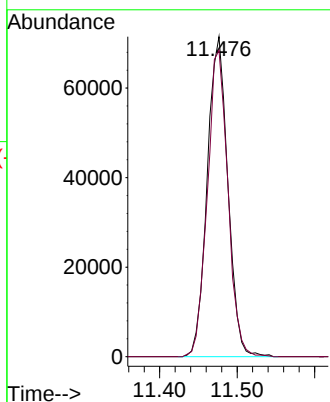
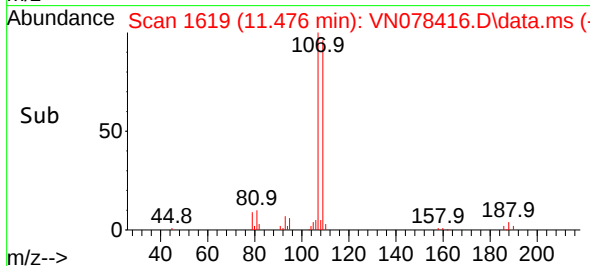
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01



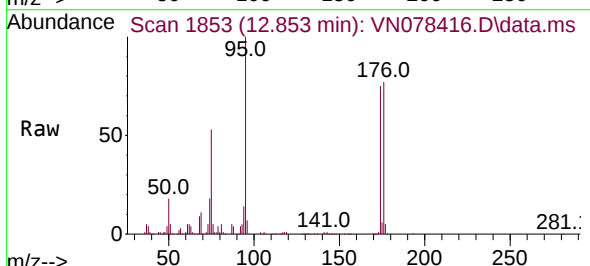
Tgt Ion:107 Resp: 132240
Ion Ratio Lower Upper
107 100
109 95.4 76.6 114.8

Manual Integrations
APPROVED

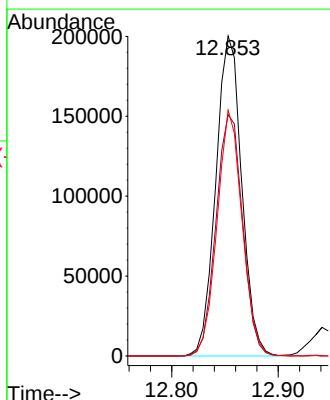
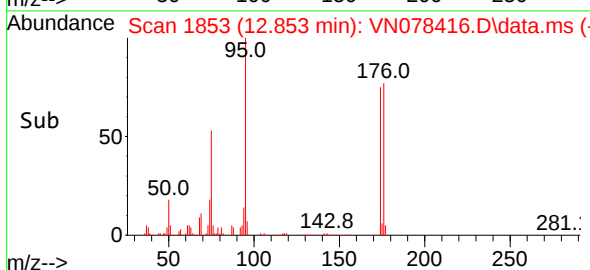
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

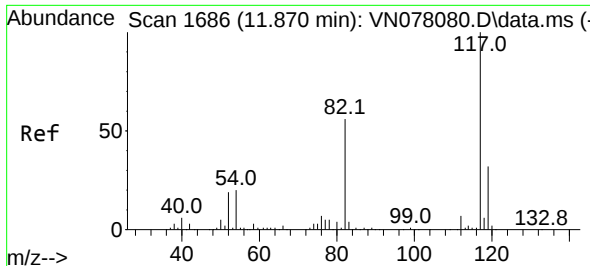


#62
4-Bromofluorobenzene
Concen: 51.695 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55



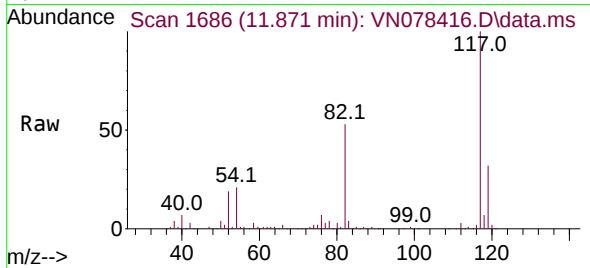
Tgt Ion: 95 Resp: 337840
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.8
176 74.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

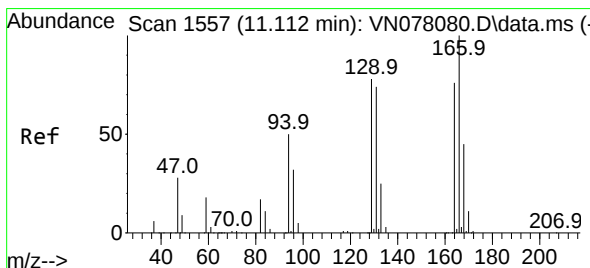
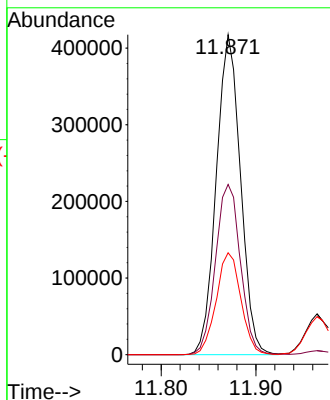
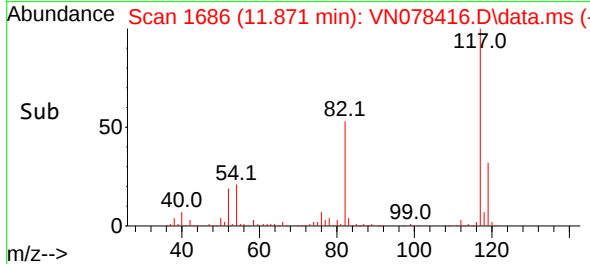
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01



Tgt Ion:117 Resp: 741909
Ion Ratio Lower Upper
117 100
82 53.2 44.0 66.0
119 31.9 25.6 38.4

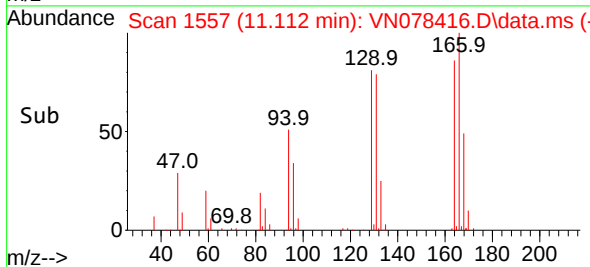
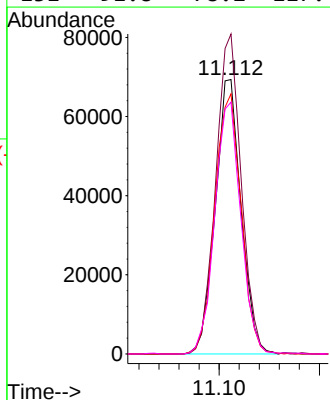
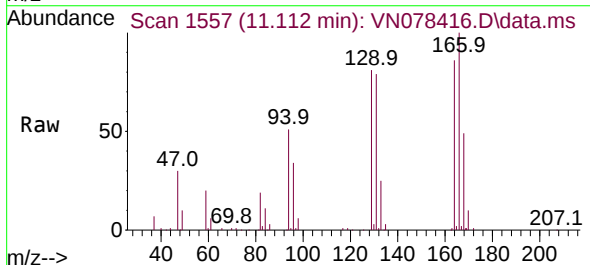
Manual Integrations
APPROVED

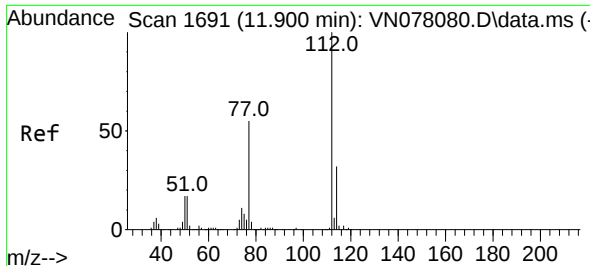
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#64
Tetrachloroethene
Concen: 25.016 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Tgt Ion:164 Resp: 123816
Ion Ratio Lower Upper
164 100
166 116.6 101.4 152.0
129 94.8 82.4 123.6
131 91.8 78.2 117.4





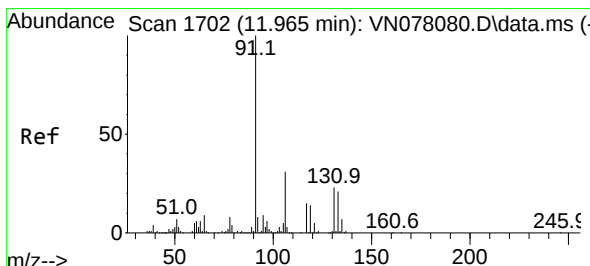
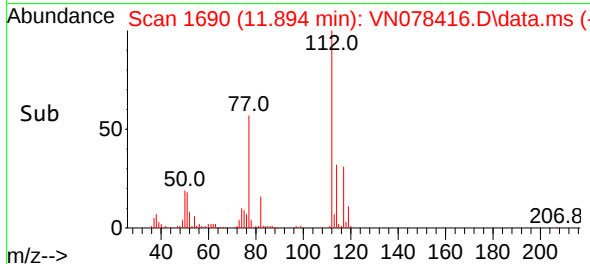
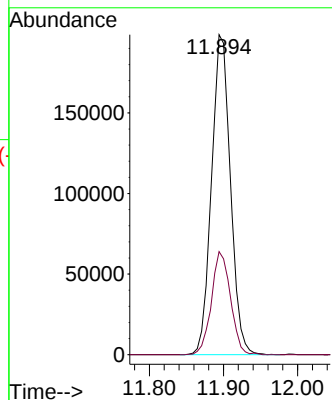
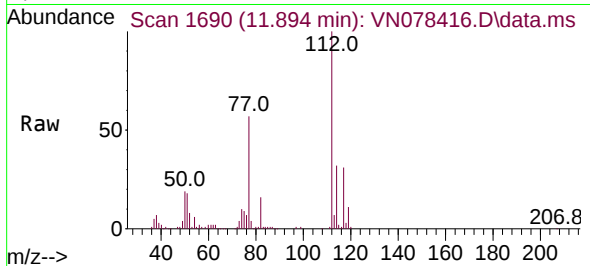
#65
Chlorobenzene
Concen: 22.111 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Tgt Ion:112 Resp: 351304
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

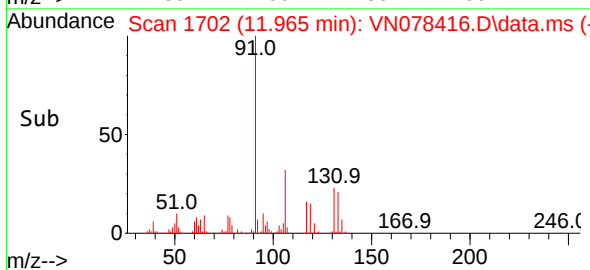
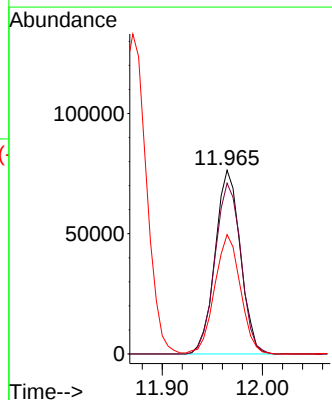
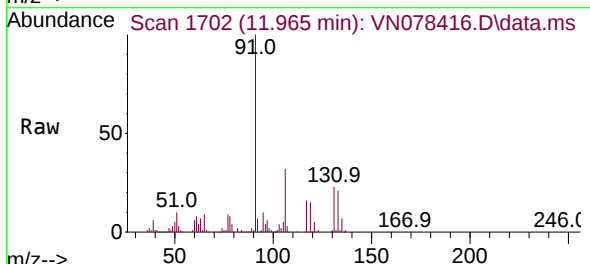
Manual Integrations
APPROVED

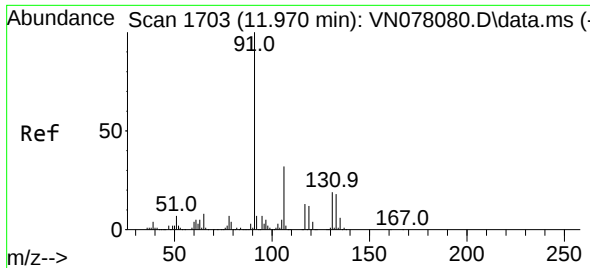
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 22.884 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Tgt Ion:131 Resp: 133728
Ion Ratio Lower Upper
131 100
133 95.6 46.4 139.1
119 66.2 34.1 102.2





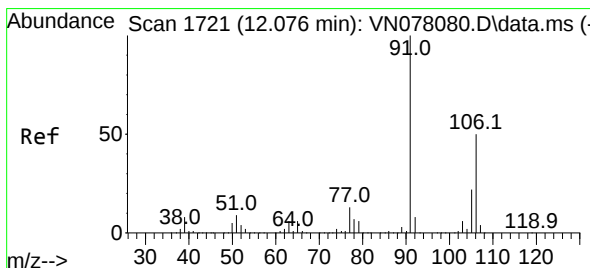
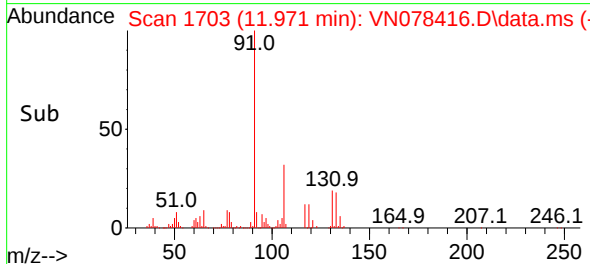
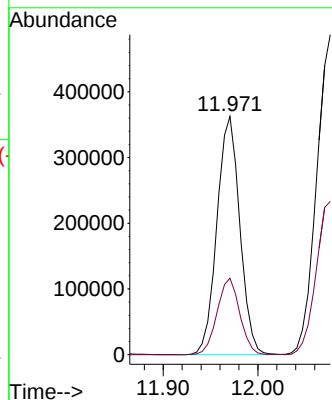
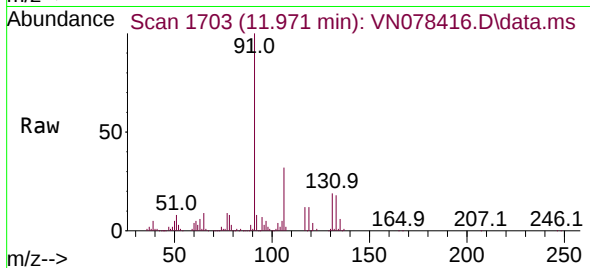
#67
Ethyl Benzene
Concen: 22.212 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Tgt Ion: 91 Resp: 60894
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4

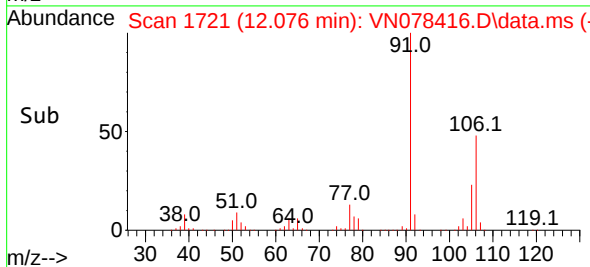
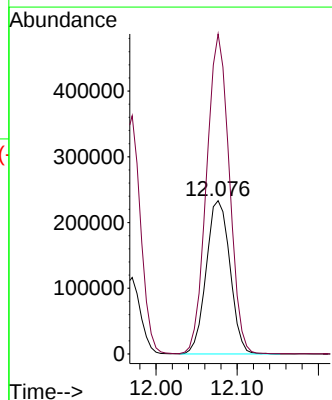
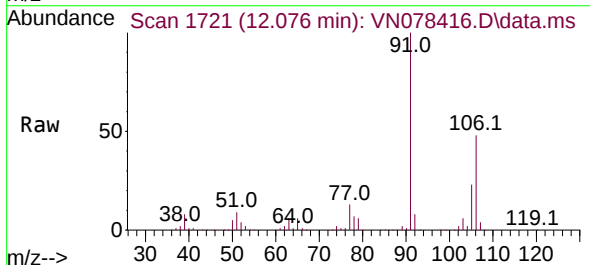
Manual Integrations
APPROVED

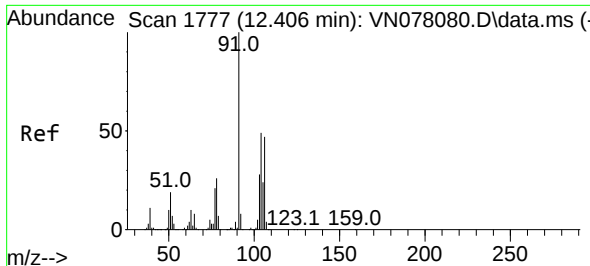
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#68
m/p-Xylenes
Concen: 45.392 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Tgt Ion:106 Resp: 474258
Ion Ratio Lower Upper
106 100
91 199.7 159.6 239.4





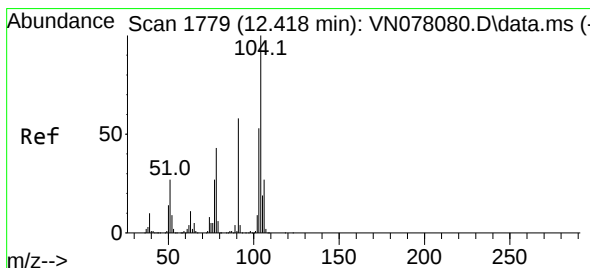
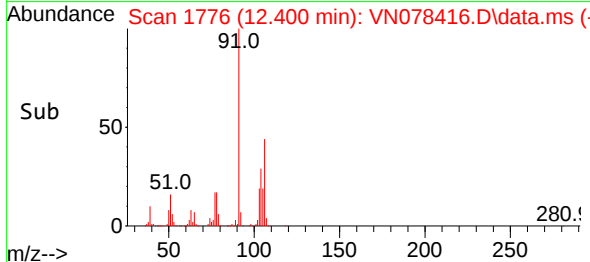
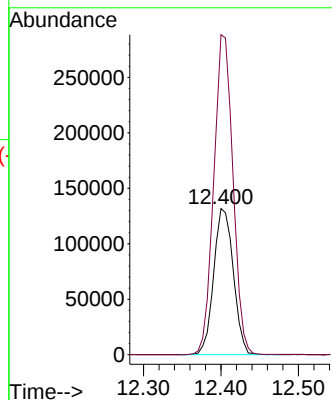
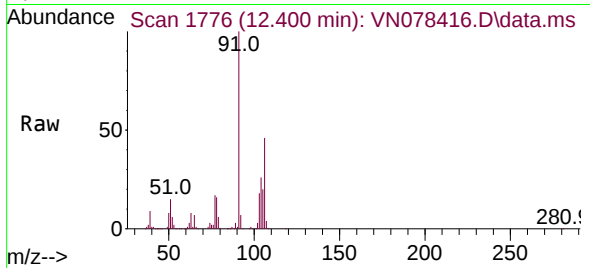
#69
o-Xylene
Concen: 22.604 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Tgt Ion:106 Resp: 231920
Ion Ratio Lower Upper
106 100
91 214.3 105.2 315.5

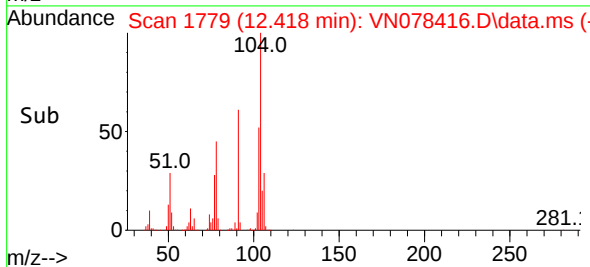
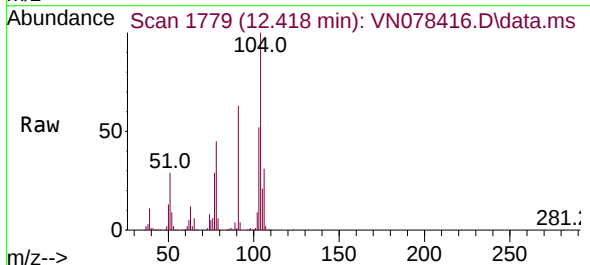
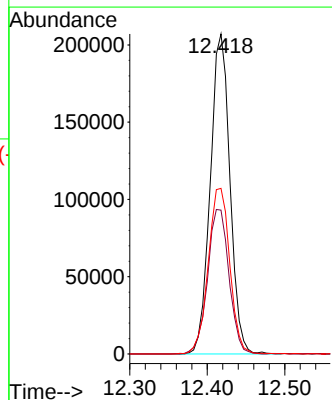
Manual Integrations
APPROVED

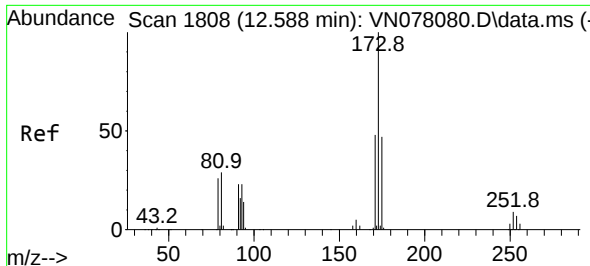
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#70
Styrene
Concen: 22.581 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

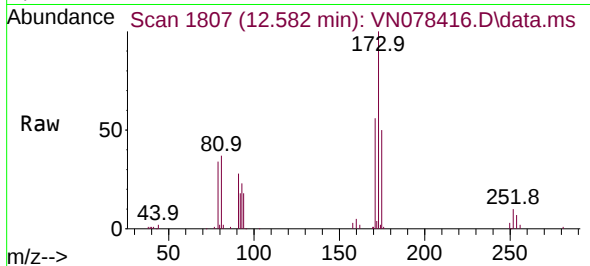
Tgt Ion:104 Resp: 364744
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 56.8 43.2 64.8





#71
Bromoform
Concen: 23.133 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

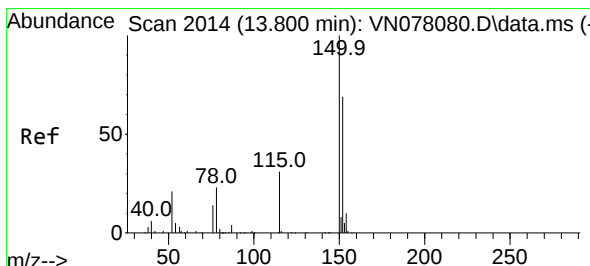
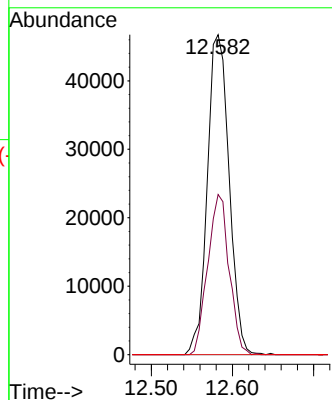
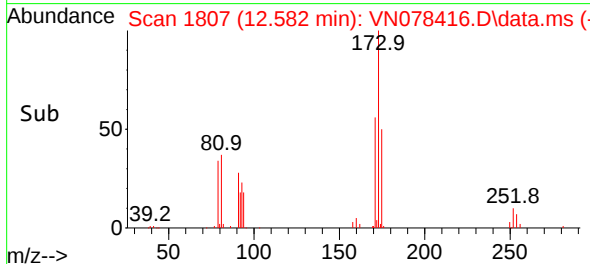
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01



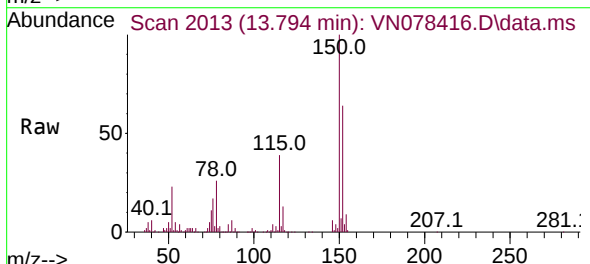
Tgt Ion:173 Resp: 87239
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

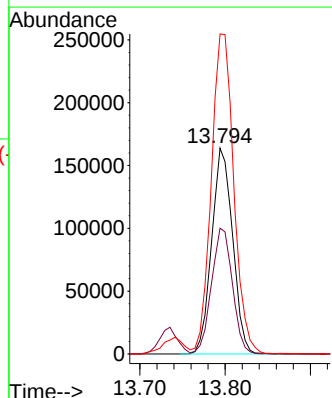
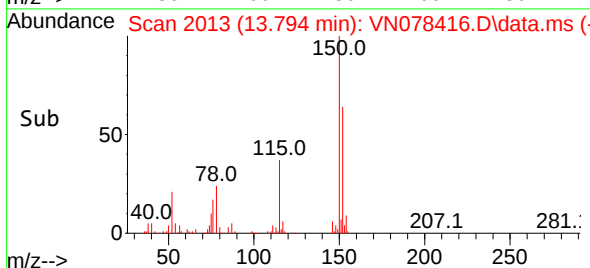
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

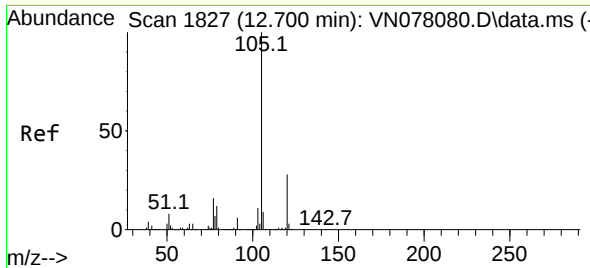


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55



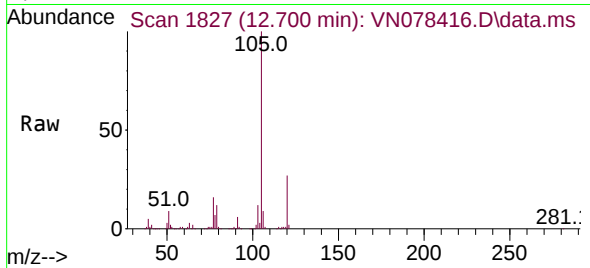
Tgt Ion:152 Resp: 279775
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 167.0 0.0 355.8





#73
Isopropylbenzene
Concen: 21.399 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

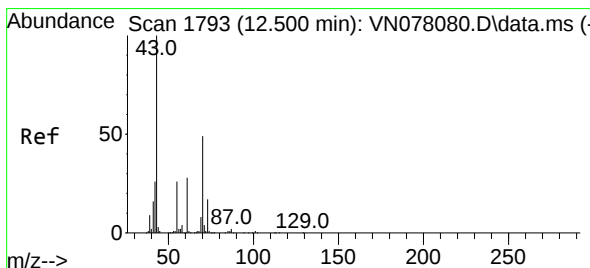
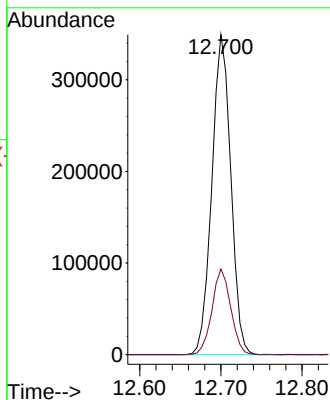
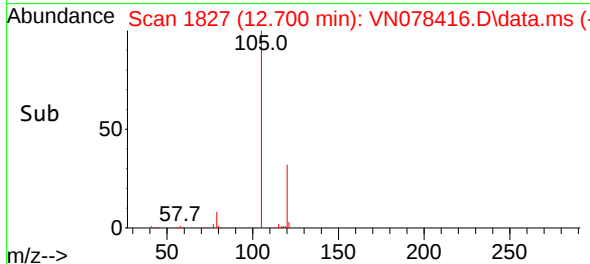
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01



Tgt Ion:105 Resp: 56615
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

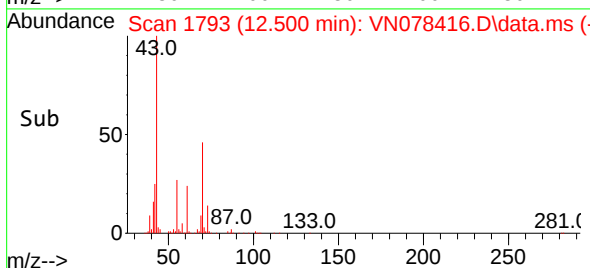
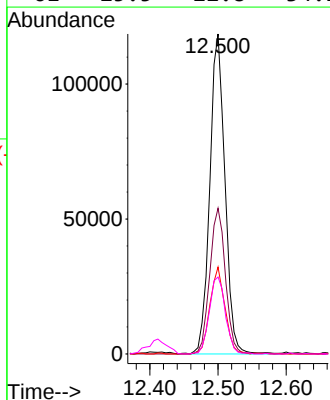
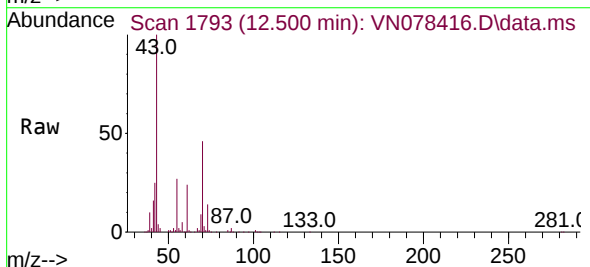
Manual Integrations
APPROVED

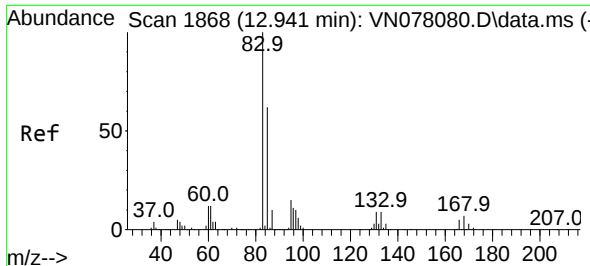
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#74
N-ethyl acetate
Concen: 21.095 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

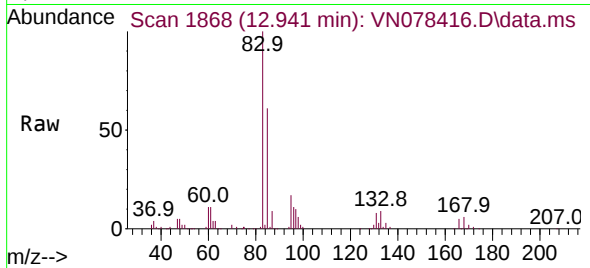
Tgt Ion: 43 Resp: 183781
Ion Ratio Lower Upper
43 100
70 46.9 43.4 65.2
55 26.9 21.4 32.0
61 25.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 23.633 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

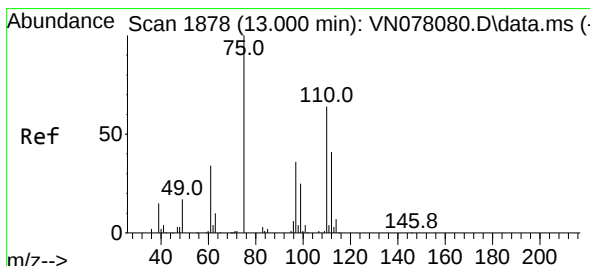
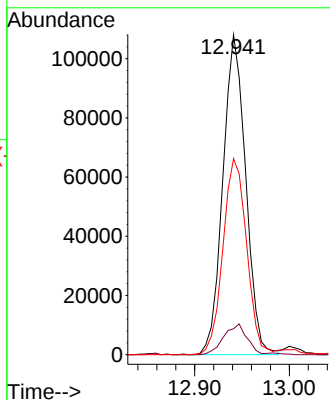
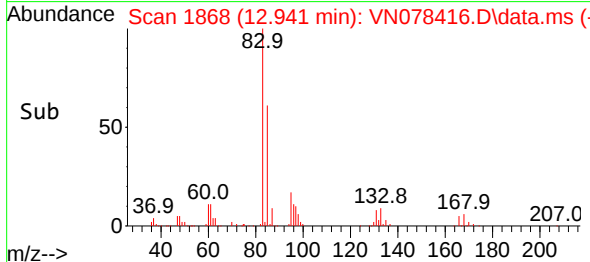
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01



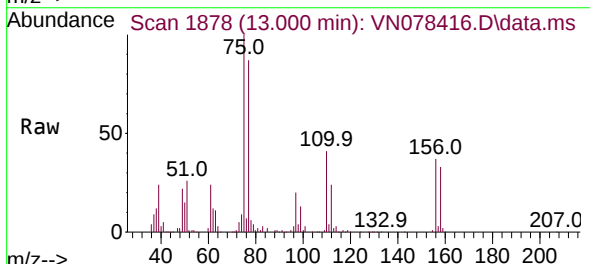
Tgt Ion: 83 Resp: 181359
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 63.4 31.9 95.7

Manual Integrations
APPROVED

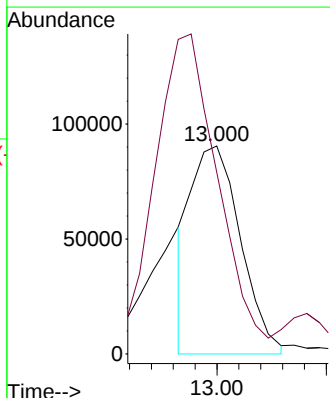
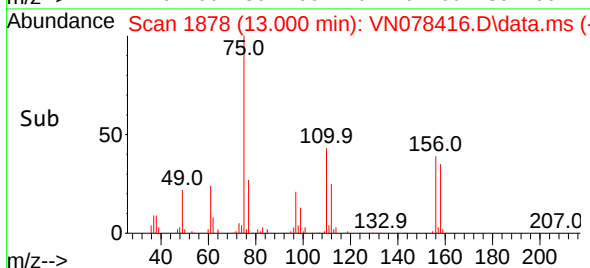
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

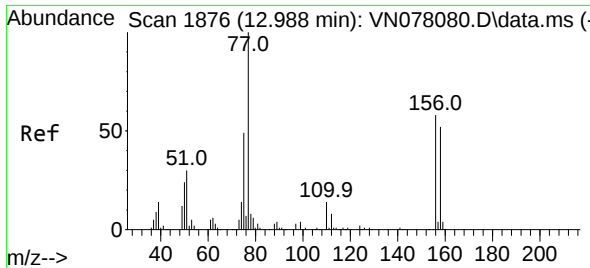


#76
1,2,3-Trichloropropane
Concen: 21.640 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55



Tgt Ion: 75 Resp: 143129
Ion Ratio Lower Upper
75 100
77 196.7 84.5 253.5





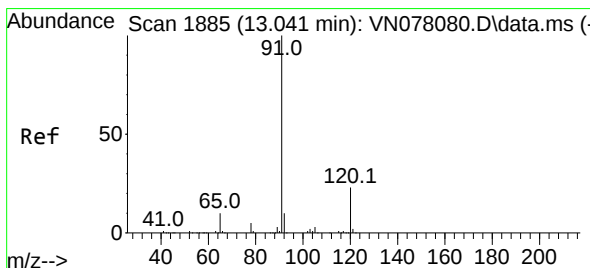
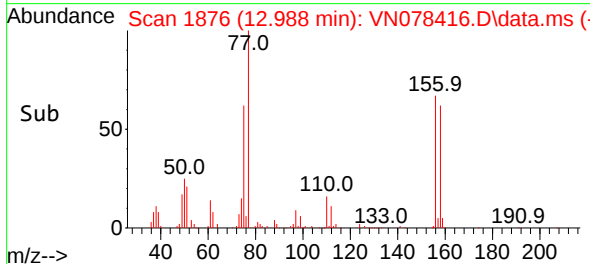
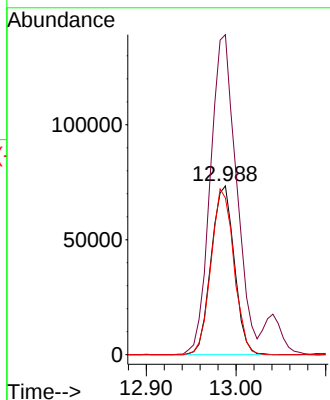
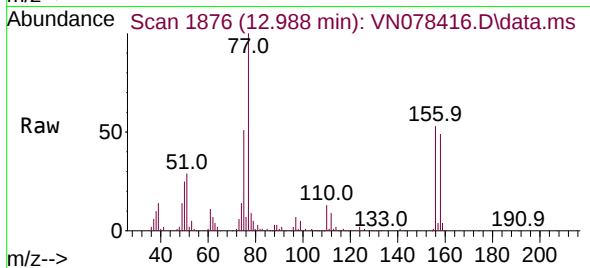
#77
Bromobenzene
Concen: 21.366 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Tgt Ion:156 Resp: 13122
Ion Ratio Lower Upper
156 100
77 214.6 107.7 323.3
158 97.4 48.4 145.3

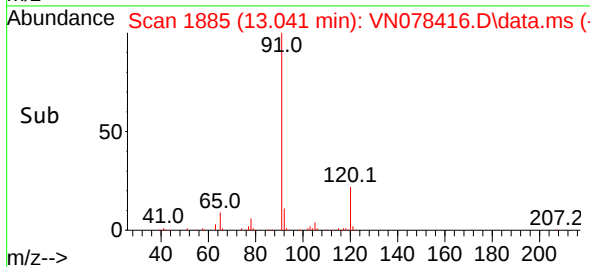
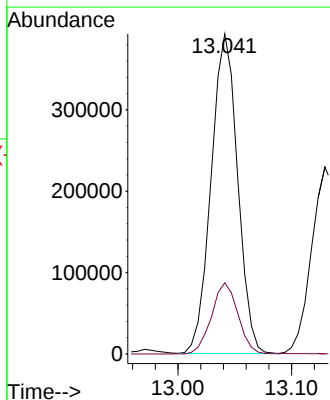
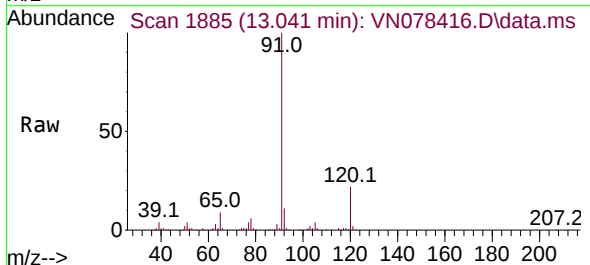
Manual Integrations
APPROVED

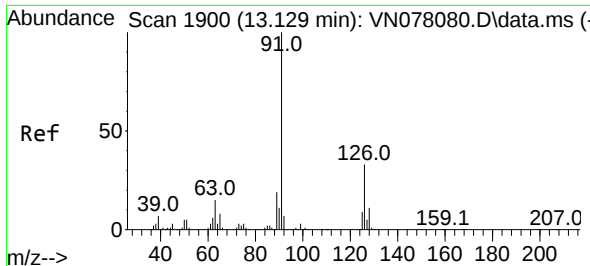
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#78
n-propylbenzene
Concen: 22.108 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Tgt Ion: 91 Resp: 635473
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4





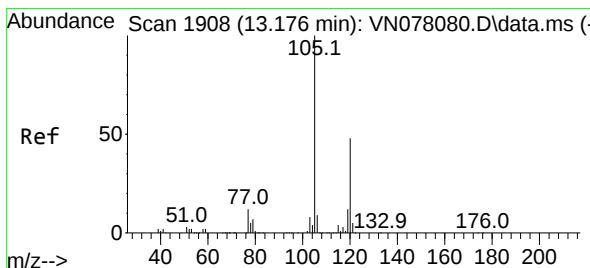
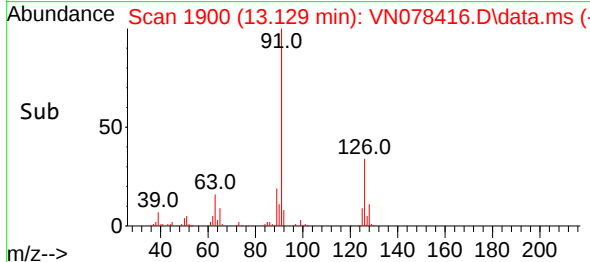
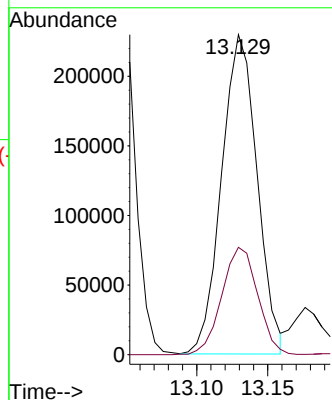
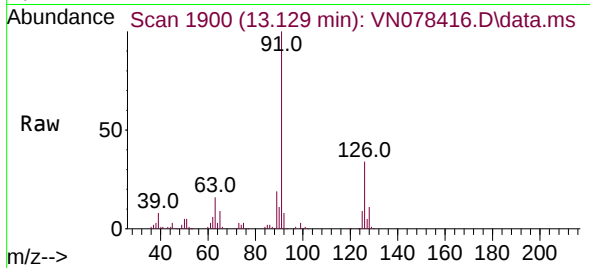
#79
2-Chlorotoluene
Concen: 21.476 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Tgt Ion: 91 Resp: 39848
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8

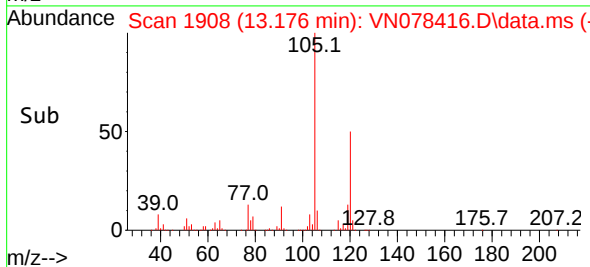
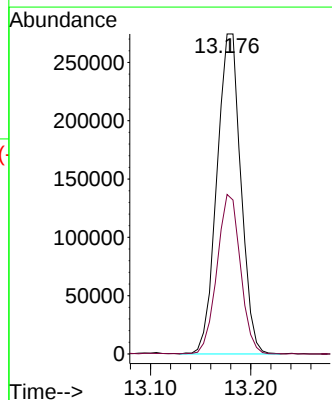
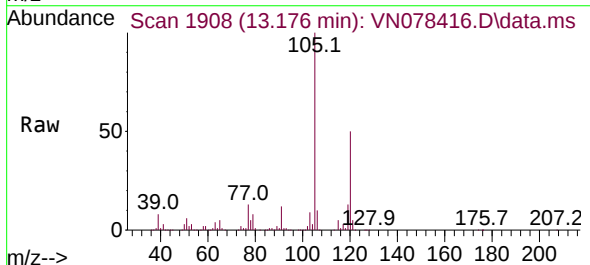
Manual Integrations
APPROVED

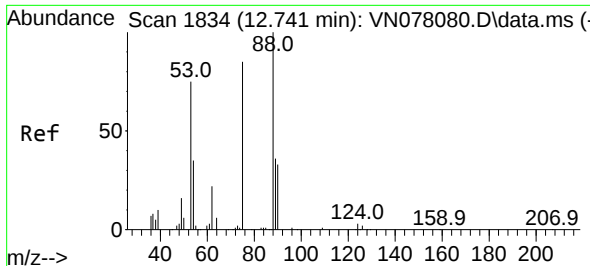
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.278 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

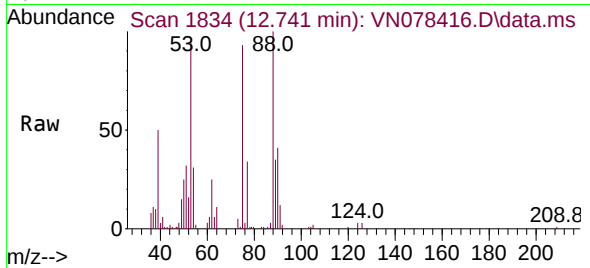
Tgt Ion:105 Resp: 455763
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 22.866 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

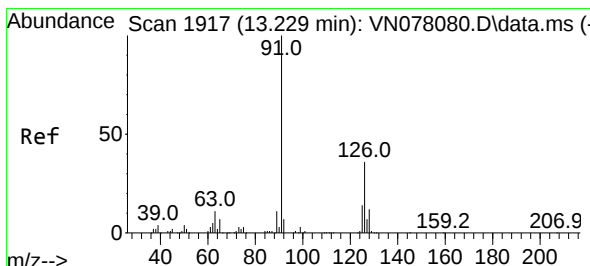
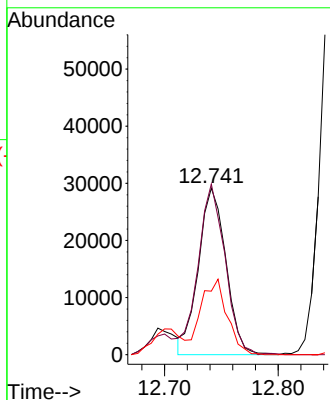
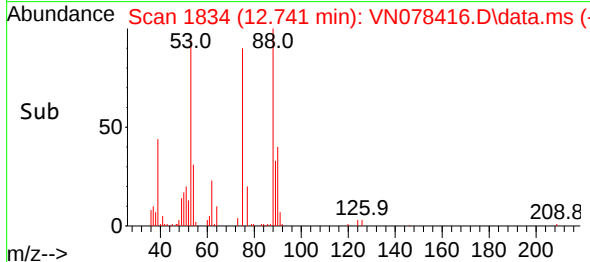
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01



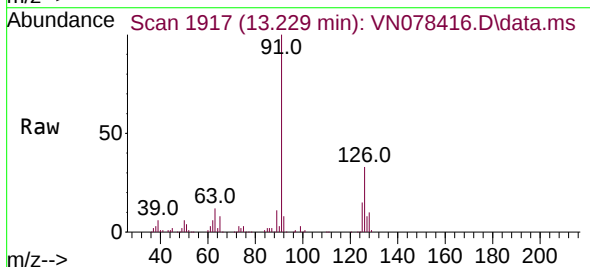
Tgt Ion: 75 Resp: 49220
Ion Ratio Lower Upper
75 100
53 100.3 67.4 101.2
89 43.5 38.8 58.2

Manual Integrations
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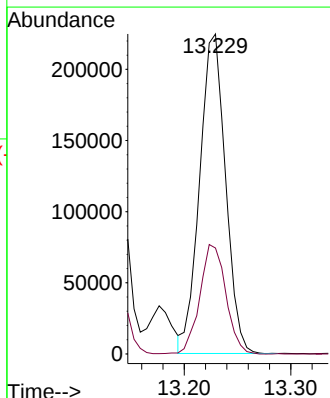
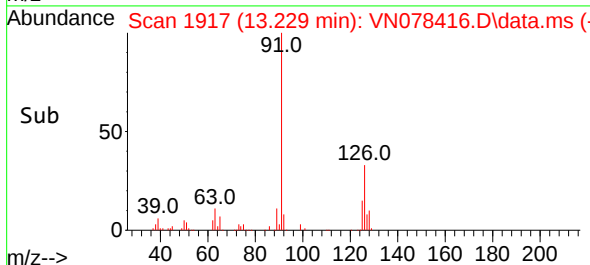
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

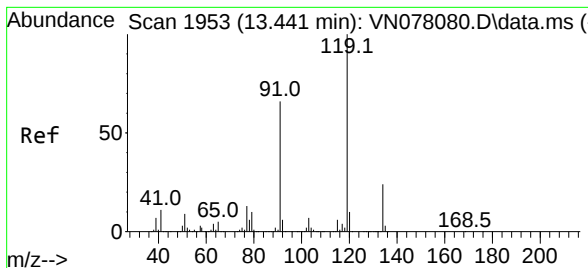


#82
4-Chlorotoluene
Concen: 21.882 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55



Tgt Ion: 91 Resp: 378931
Ion Ratio Lower Upper
91 100
126 34.5 16.7 50.0





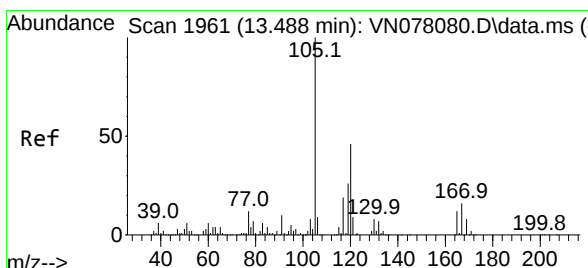
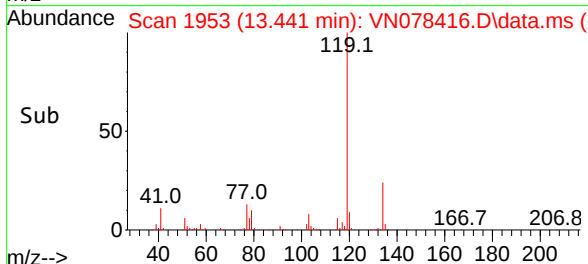
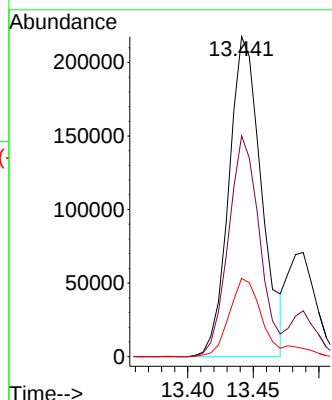
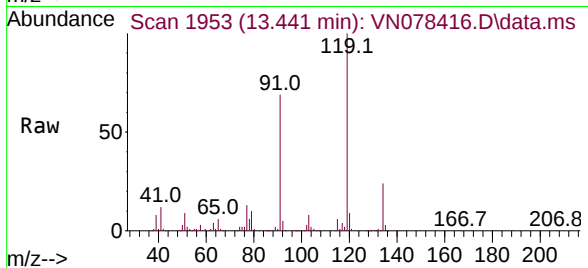
#83
tert-Butylbenzene
Concen: 20.146 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Tgt Ion:119 Resp: 37510
Ion Ratio Lower Upper
119 100
91 66.1 33.9 101.7
134 26.2 13.2 39.6

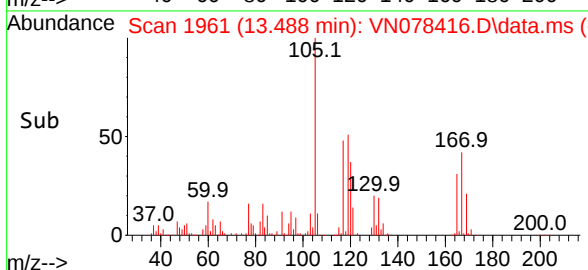
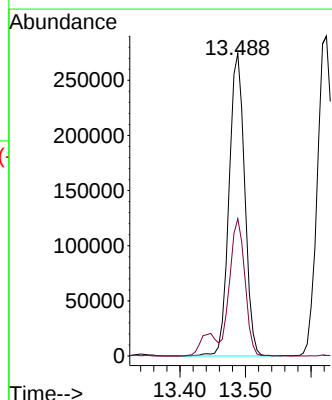
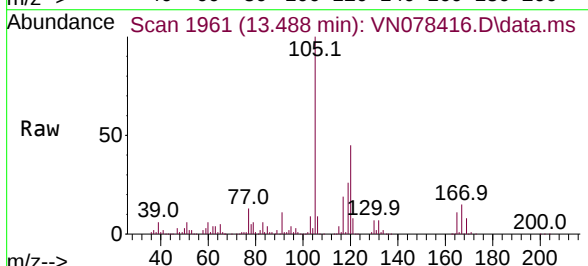
Manual Integrations
APPROVED

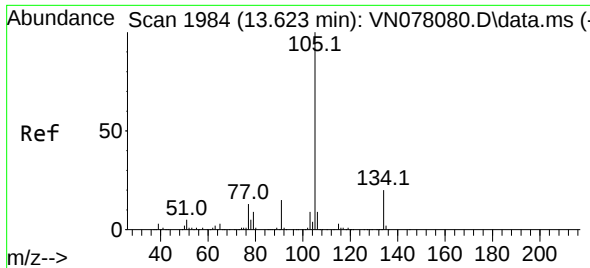
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.799 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Tgt Ion:105 Resp: 452682
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





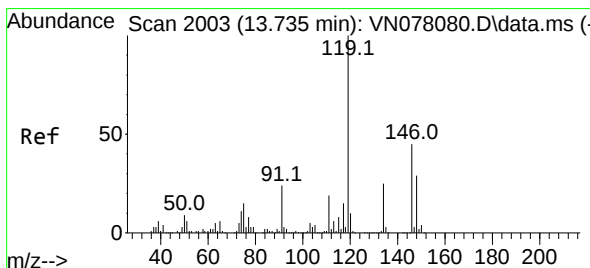
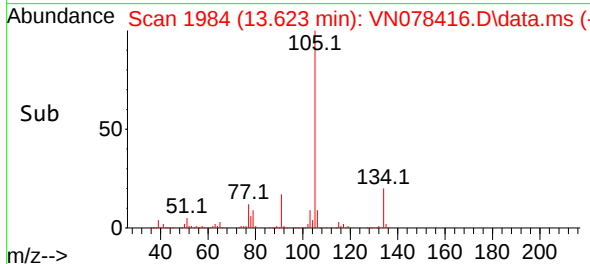
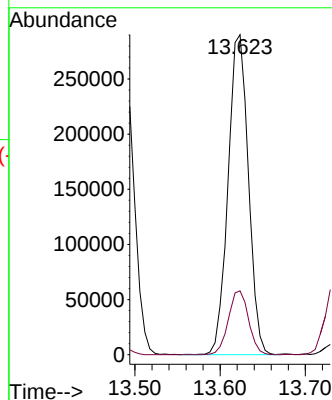
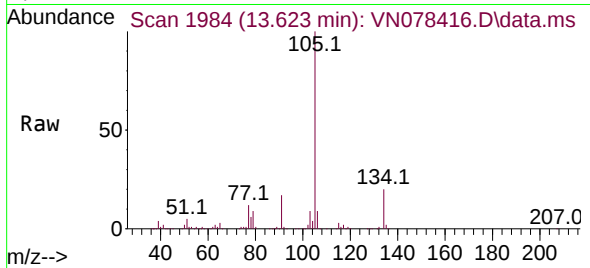
#85
 sec-Butylbenzene
 Concen: 19.795 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078416.D
 Acq: 27 Jun 2023 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBSD01

Tgt Ion:105 Resp: 48239
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

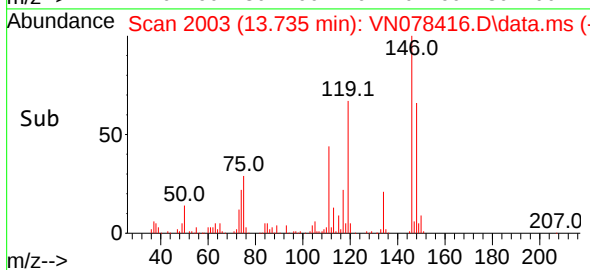
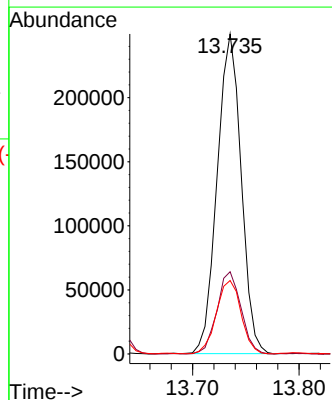
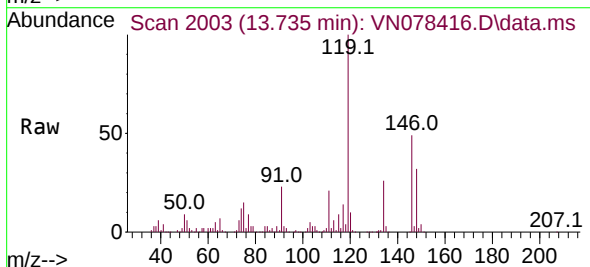
Manual Integrations
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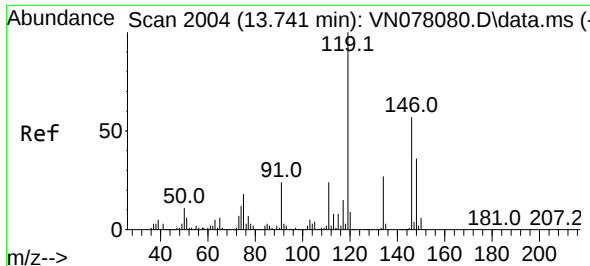
Reviewed By :John Carlone 06/28/2023
 Supervised By :Mahesh Dadoda 06/28/2023



#86
 p-Isopropyltoluene
 Concen: 19.706 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078416.D
 Acq: 27 Jun 2023 14:55

Tgt Ion:119 Resp: 389719
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 23.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.865 ug/l

RT: 13.735 min Scan# 2004

Delta R.T. -0.006 min

Lab File: VN078416.D

Acq: 27 Jun 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBSD01

Tgt Ion:146 Resp: 216760

Ion Ratio Lower Upper

146 100

111 42.5 22.1 66.3

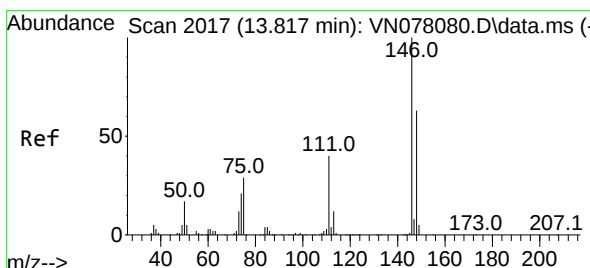
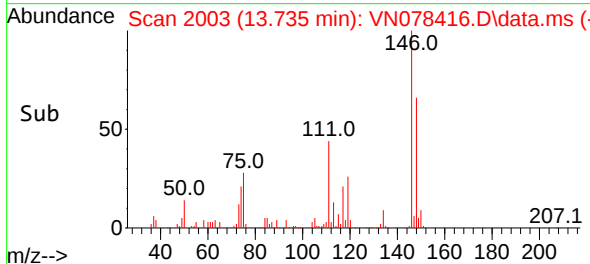
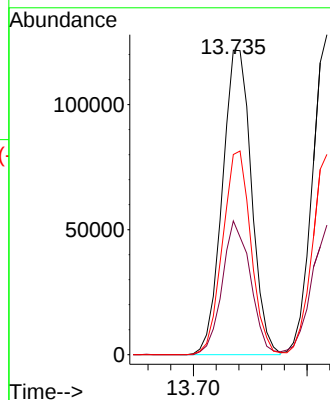
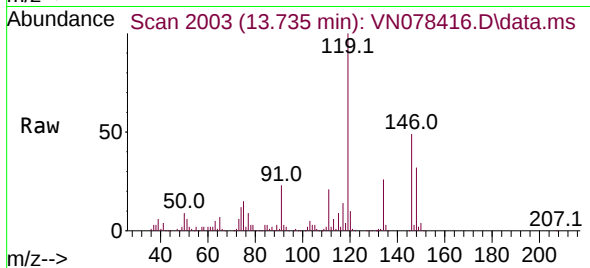
148 65.2 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#88

1,4-Dichlorobenzene

Concen: 21.629 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN078416.D

Acq: 27 Jun 2023 14:55

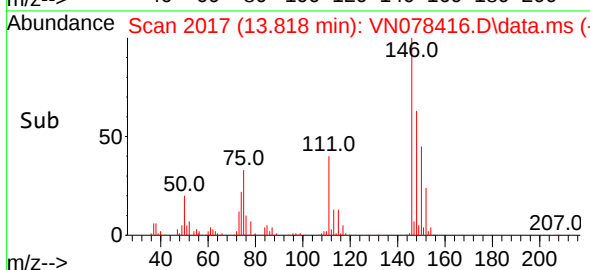
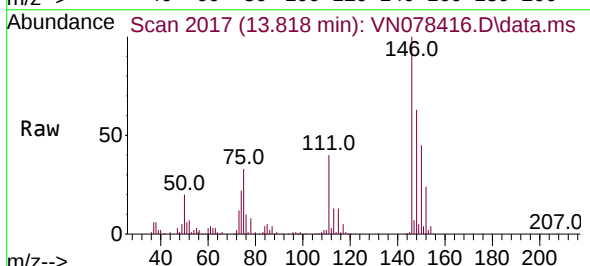
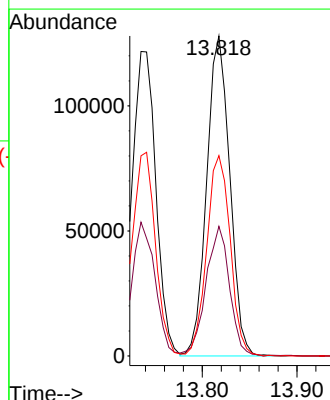
Tgt Ion:146 Resp: 216813

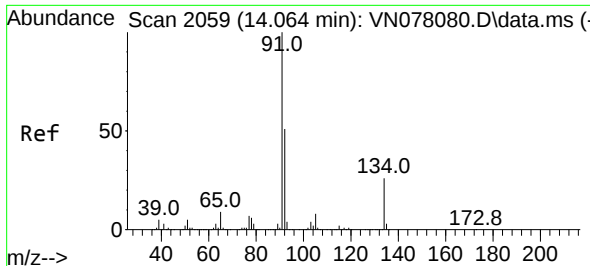
Ion Ratio Lower Upper

146 100

111 40.8 20.6 61.8

148 63.7 31.6 94.8





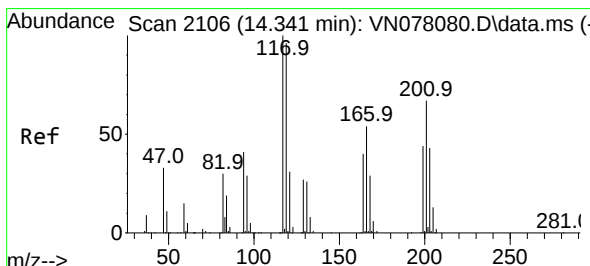
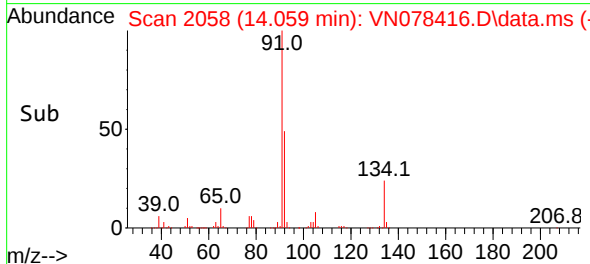
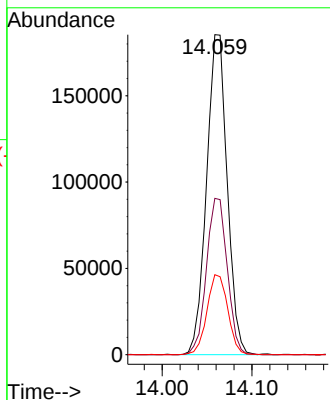
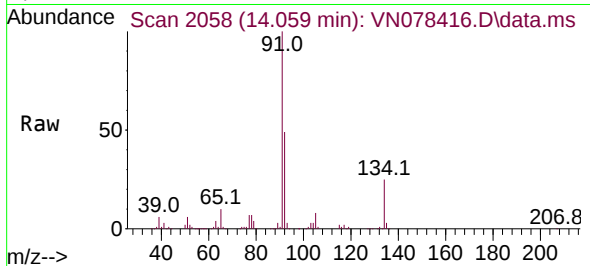
#89
n-Butylbenzene
Concen: 18.997 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Tgt Ion: 91 Resp: 29633
Ion Ratio Lower Upper
91 100
92 49.2 26.4 79.0
134 25.2 12.6 37.6

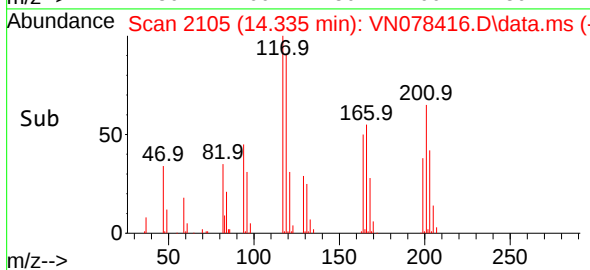
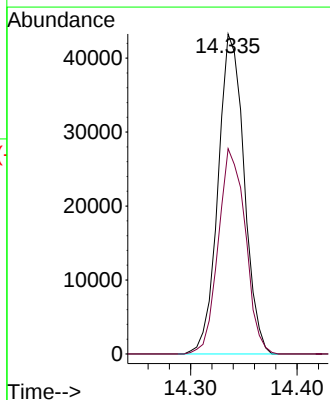
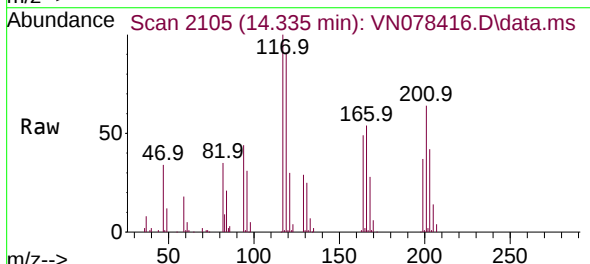
Manual Integrations
APPROVED

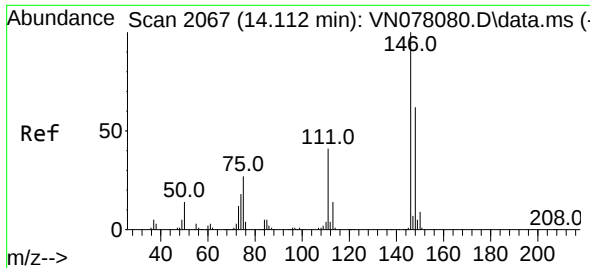
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#90
Hexachloroethane
Concen: 20.905 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

Tgt Ion:117 Resp: 73369
Ion Ratio Lower Upper
117 100
201 66.7 29.3 88.0





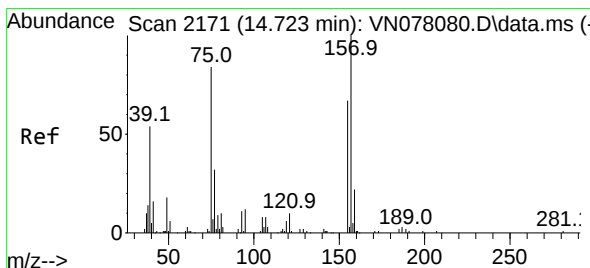
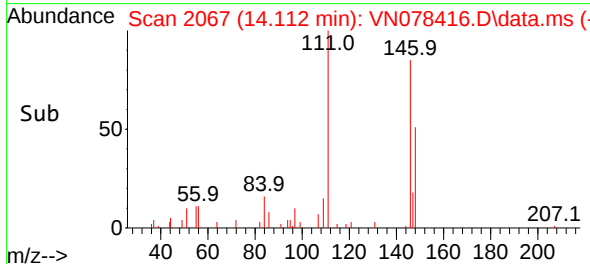
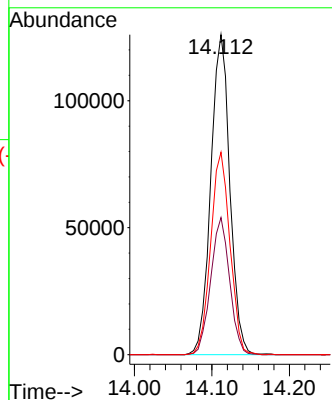
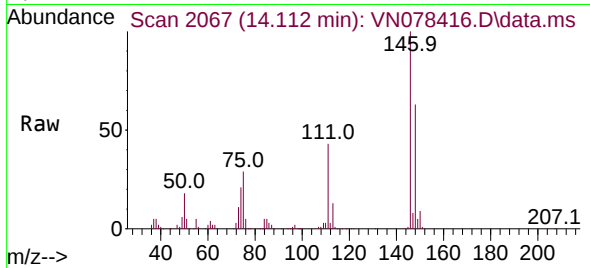
#91
 1,2-Dichlorobenzene
 Concen: 21.260 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN078416.D
 Acq: 27 Jun 2023 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBSD01

Tgt Ion:146 Resp: 215854
 Ion Ratio Lower Upper
 146 100
 111 42.5 22.0 66.0
 148 63.9 31.8 95.3

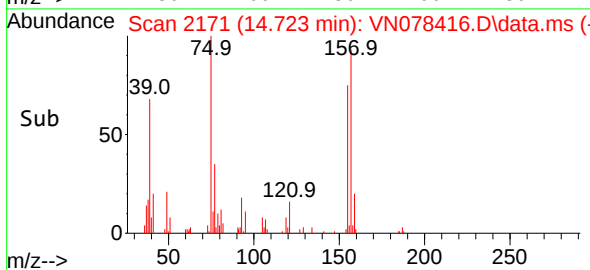
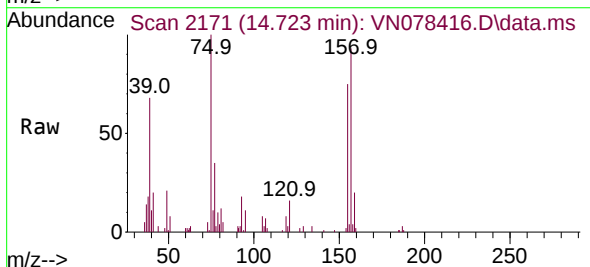
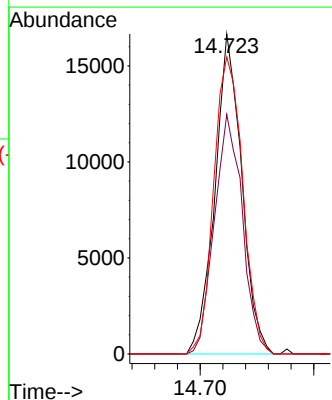
Manual Integrations
 APPROVED

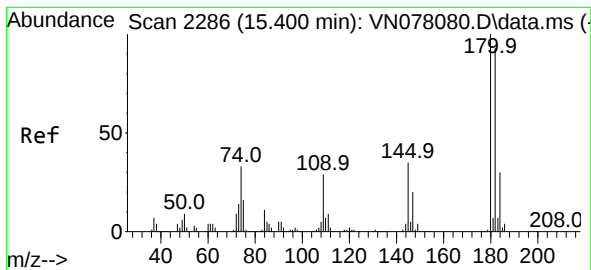
Reviewed By :John Carlone 06/28/2023
 Supervised By :Mahesh Dadoda 06/28/2023



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.788 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078416.D
 Acq: 27 Jun 2023 14:55

Tgt Ion: 75 Resp: 27241
 Ion Ratio Lower Upper
 75 100
 155 78.0 39.1 117.2
 157 100.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.644 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078416.D

Acq: 27 Jun 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBSD01

Tgt Ion:180 Resp: 60209

Ion Ratio Lower Upper

180 100

182 97.9 46.1 138.2

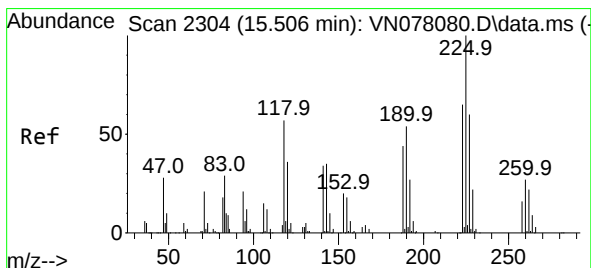
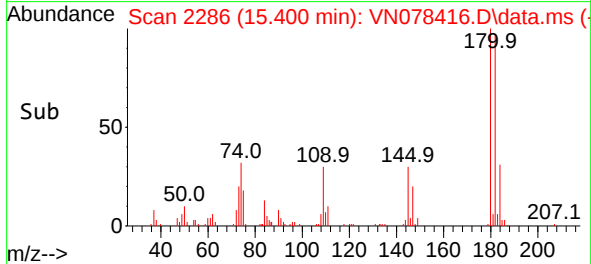
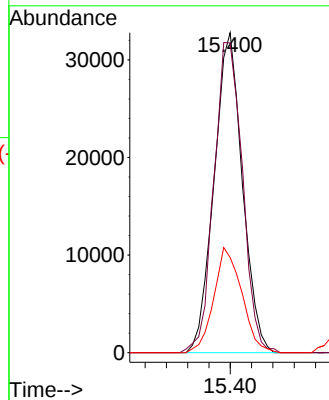
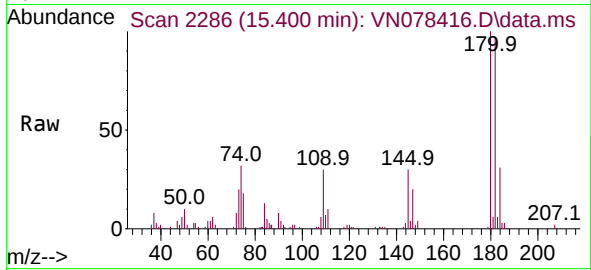
145 32.6 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#94

Hexachlorobutadiene

Concen: 21.070 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN078416.D

Acq: 27 Jun 2023 14:55

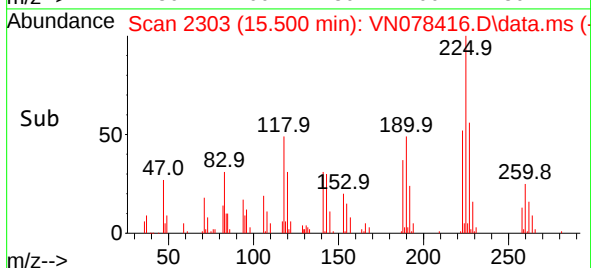
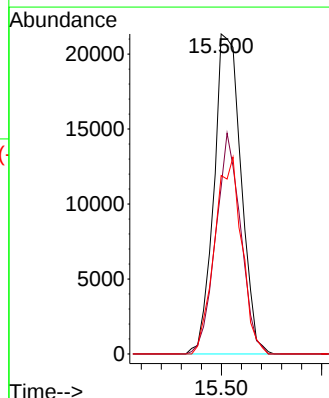
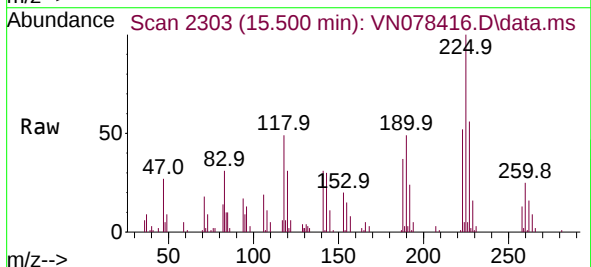
Tgt Ion:225 Resp: 40109

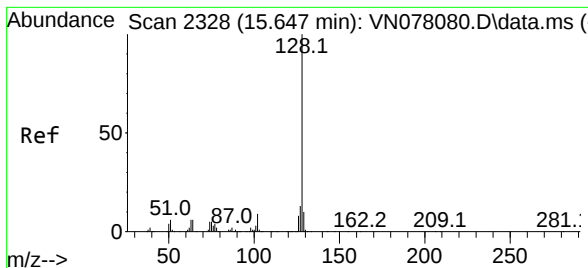
Ion Ratio Lower Upper

225 100

223 63.6 31.3 93.8

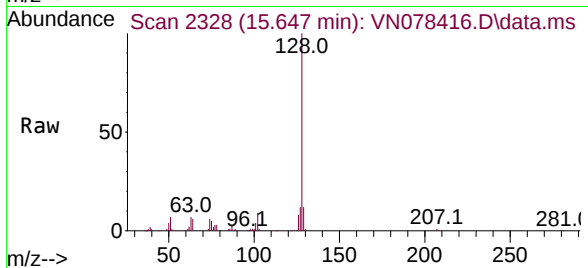
227 61.5 31.9 95.9





#95
Naphthalene
Concen: 15.115 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55

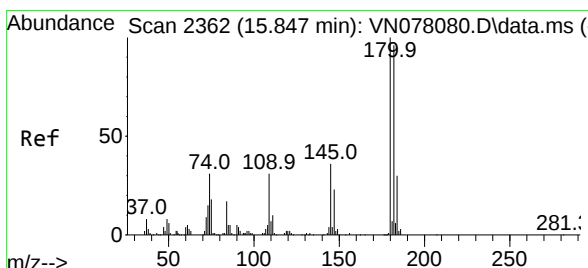
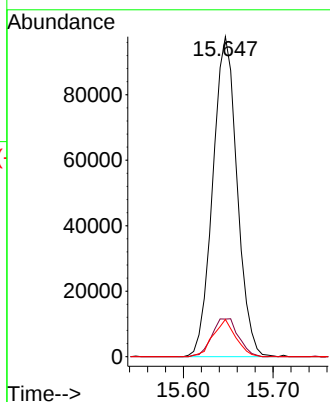
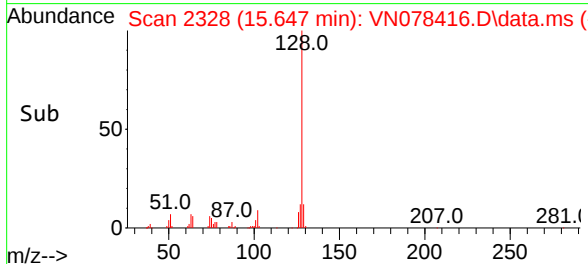
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01



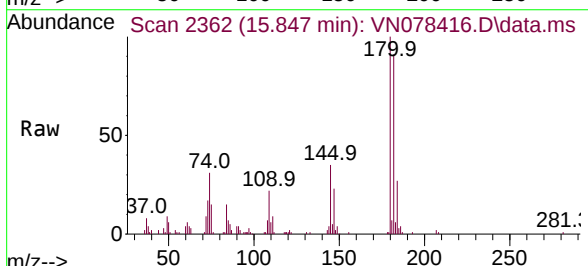
Tgt Ion:128 Resp: 183925
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.232 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078416.D
Acq: 27 Jun 2023 14:55



Tgt Ion:180 Resp: 69719
Ion Ratio Lower Upper
180 100
182 96.0 46.2 138.6
145 33.6 17.5 52.6

