

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020323\
 Data File : VN076525.D
 Acq On : 03 Feb 2023 11:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 03 22:13:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/06/2023
 Supervised By : Mahesh Dadoda 02/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	541836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	883567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	813572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	405499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	323186	53.271	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.540%			
35) Dibromofluoromethane	8.171	113	295394	53.445	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.880%			
50) Toluene-d8	10.565	98	1072722	52.553	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.100%			
62) 4-Bromofluorobenzene	12.847	95	419285	62.921	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 125.840%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	304910	54.914	ug/l	98
3) Chloromethane	2.371	50	299088	52.025	ug/l	98
4) Vinyl Chloride	2.530	62	276018	39.156	ug/l	97
5) Bromomethane	2.959	94	208000	36.032	ug/l	95
6) Chloroethane	3.124	64	184011	34.812	ug/l	100
7) Trichlorofluoromethane	3.512	101	526462	54.285	ug/l	96
8) Diethyl Ether	3.977	74	184176	56.620	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.389	101	303128	55.214	ug/l	96
10) Methyl Iodide	4.600	142	456679	54.457	ug/l	99
11) Tert butyl alcohol	5.530	59	218579	269.359	ug/l	99
12) 1,1-Dichloroethene	4.353	96	282519	54.437	ug/l	86
13) Acrolein	4.189	56	268480	276.654	ug/l	99
14) Allyl chloride	5.036	41	359461	59.435	ug/l	91
15) Acrylonitrile	5.730	53	590598	255.757	ug/l	100
16) Acetone	4.442	43	613062	315.243	ug/l	99
17) Carbon Disulfide	4.724	76	741933	57.415	ug/l	97
18) Methyl Acetate	5.036	43	327803	49.734	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	946199	56.003	ug/l	99
20) Methylene Chloride	5.283	84	315239	54.836	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	310523	55.230	ug/l	98
22) Diisopropyl ether	6.683	45	841118	58.974	ug/l	96
23) Vinyl Acetate	6.612	43	2703355	293.276	ug/l	99
24) 1,1-Dichloroethane	6.577	63	523590	55.074	ug/l	99
25) 2-Butanone	7.488	43	776317	261.354	ug/l	95
26) 2,2-Dichloropropane	7.494	77	475918	59.395	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	362212	55.237	ug/l	98
28) Bromochloromethane	7.818	49	204120	52.971	ug/l	97
29) Tetrahydrofuran	7.841	42	475078	259.143	ug/l	97
30) Chloroform	7.971	83	575612	54.718	ug/l	96
31) Cyclohexane	8.265	56	487185	52.275	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	534106	55.611	ug/l	95
36) 1,1-Dichloropropene	8.377	75	432586	55.079	ug/l	99
37) Ethyl Acetate	7.565	43	308270	48.936	ug/l	99
38) Carbon Tetrachloride	8.365	117	475341	54.273	ug/l	98
39) Methylcyclohexane	9.606	83	564705	58.879	ug/l	97
40) Benzene	8.612	78	1280377	54.521	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020323\
 Data File : VN076525.D
 Acq On : 03 Feb 2023 11:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 03 22:13:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	179168	54.320	ug/l	97
42) 1,2-Dichloroethane	8.677	62	421472	52.454	ug/l	100
43) Isopropyl Acetate	8.694	43	539249	52.620	ug/l	99
44) Trichloroethene	9.353	130	347500	52.318	ug/l	96
45) 1,2-Dichloropropane	9.624	63	300806	53.499	ug/l	99
46) Dibromomethane	9.712	93	214144	50.444	ug/l	98
47) Bromodichloromethane	9.888	83	455499	55.322	ug/l	99
48) Methyl methacrylate	9.682	41	253278	52.205	ug/l	94
49) 1,4-Dioxane	9.700	88	105205	1027.679	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1529191	254.188	ug/l	98
52) Toluene	10.629	92	849918	54.119	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	486583	61.994	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	527843	58.455	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	317440	52.881	ug/l	98
56) Ethyl methacrylate	10.877	69	466426	60.185	ug/l #	93
57) 1,3-Dichloropropane	11.165	76	526478	53.969	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	689959	263.715	ug/l	99
59) 2-Hexanone	11.194	43	1147765	263.277	ug/l	97
60) Dibromochloromethane	11.359	129	356527	56.420	ug/l	99
61) 1,2-Dibromoethane	11.471	107	326396	54.473	ug/l	100
64) Tetrachloroethene	11.106	164	347630	47.381	ug/l	96
65) Chlorobenzene	11.894	112	900740	52.375	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	336193	52.541	ug/l	99
67) Ethyl Benzene	11.965	91	1666476	56.618	ug/l	100
68) m/p-Xylenes	12.071	106	1311060	111.083	ug/l	98
69) o-Xylene	12.400	106	640012	55.218	ug/l	96
70) Styrene	12.412	104	1070784	57.859	ug/l	98
71) Bromoform	12.576	173	248702	53.820	ug/l #	100
73) Isopropylbenzene	12.694	105	1697618	54.117	ug/l	99
74) N-amyl acetate	12.494	43	478823	53.065	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	423121	46.920	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	382025m	51.748	ug/l	
77) Bromobenzene	12.982	156	384920	52.512	ug/l	96
78) n-propylbenzene	13.035	91	1988098	56.168	ug/l	99
79) 2-Chlorotoluene	13.129	91	1177736	54.224	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1467602	55.845	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	136483	56.001	ug/l	97
82) 4-Chlorotoluene	13.129	91	1177736	54.224	ug/l	97
83) tert-Butylbenzene	13.441	119	1277442	54.653	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	1473912	55.932	ug/l	98
85) sec-Butylbenzene	13.618	105	1836138	56.613	ug/l	99
86) p-Isopropyltoluene	13.729	119	1566191	58.724	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	754089	51.002	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	742010	52.751	ug/l	98
89) n-Butylbenzene	14.059	91	1338676	63.230	ug/l	99
90) Hexachloroethane	14.335	117	265352	57.647	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	745848	50.647	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	76991	49.116	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	397702	55.737	ug/l	98
94) Hexachlorobutadiene	15.506	225	217207	55.582	ug/l	98
95) Naphthalene	15.641	128	1095955	51.944	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	372025	54.737	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020323\
Data File : VN076525.D
Acq On : 03 Feb 2023 11:42
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

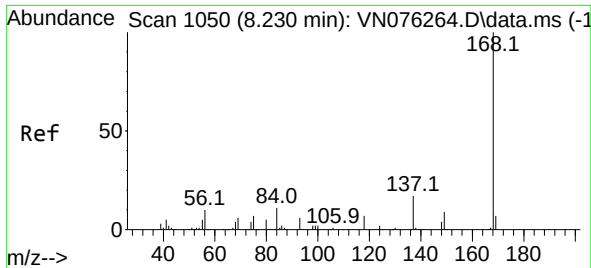
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

Quant Time: Feb 03 22:13:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

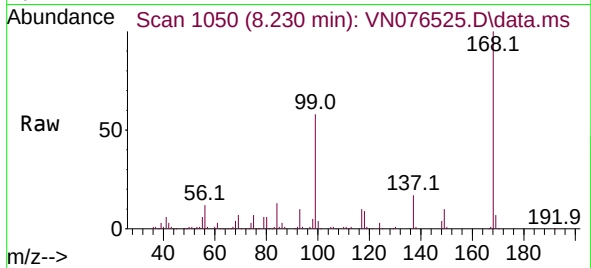
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

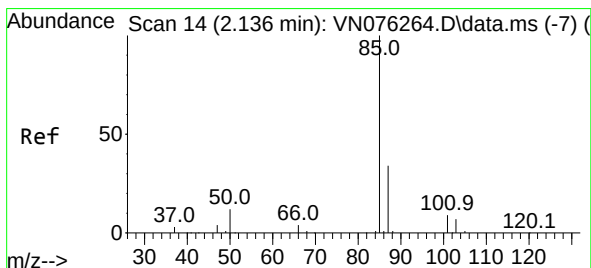
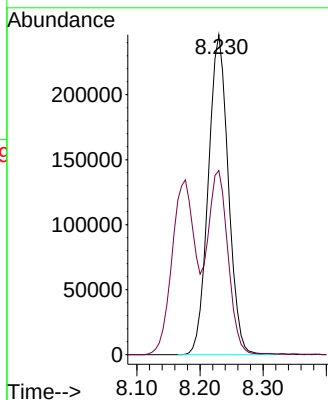
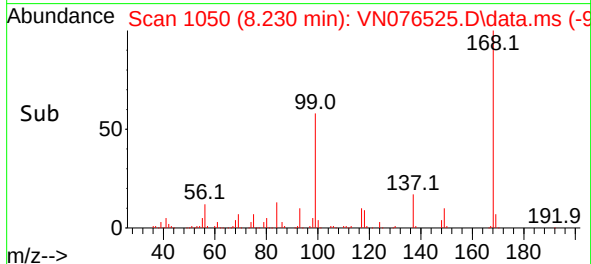
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



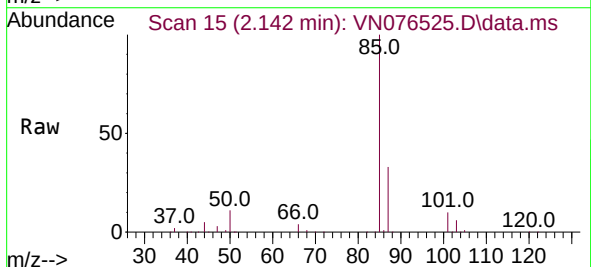
Tgt Ion:168 Resp: 541830
Ion Ratio Lower Upper
168 100
99 57.4 41.6 62.4

Manual Integrations
APPROVED

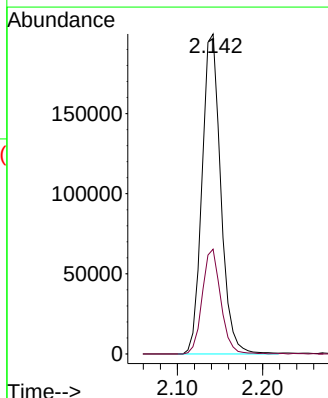
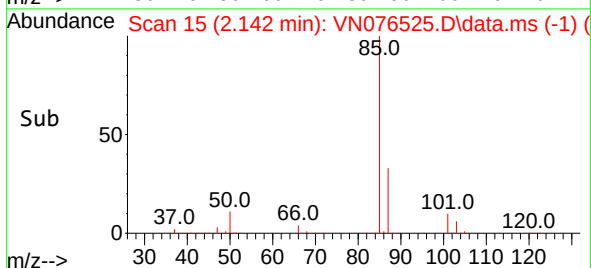
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

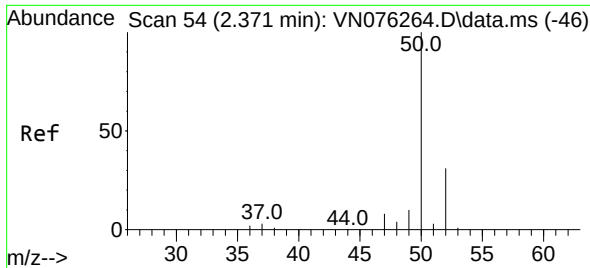


#2
Dichlorodifluoromethane
Concen: 54.914 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42



Tgt Ion: 85 Resp: 304910
Ion Ratio Lower Upper
85 100
87 32.7 17.1 51.2





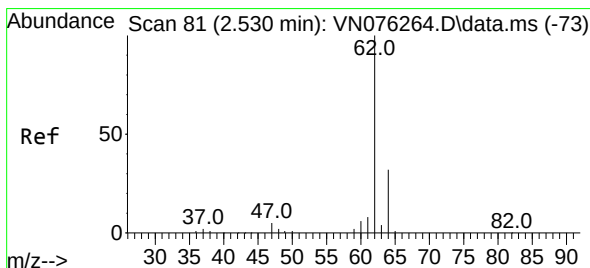
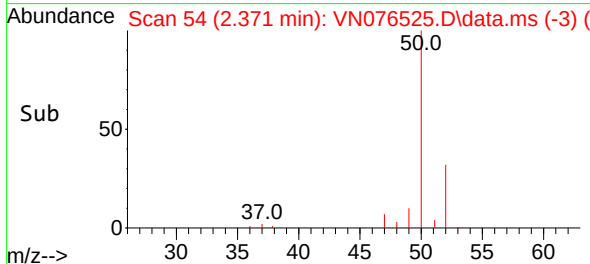
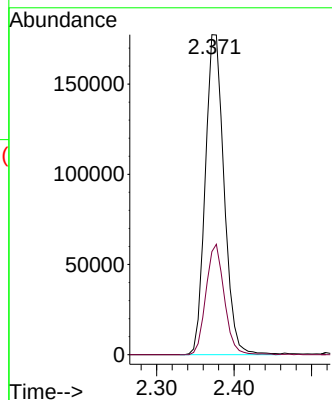
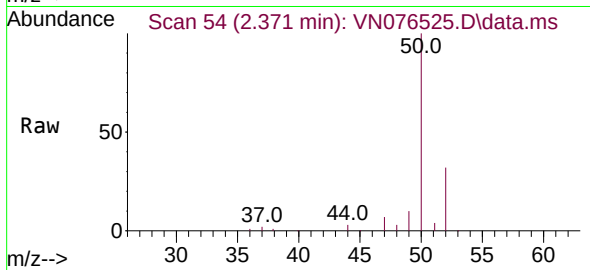
#3
Chloromethane
Concen: 52.025 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 299088
Ion Ratio Lower Upper
50 100
52 32.2 24.8 37.2

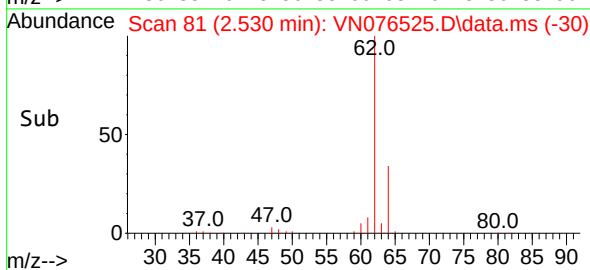
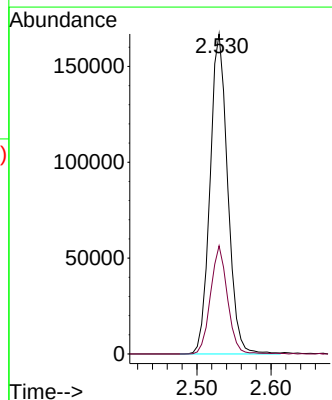
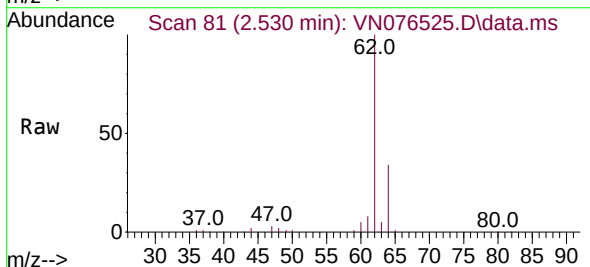
Manual Integrations
APPROVED

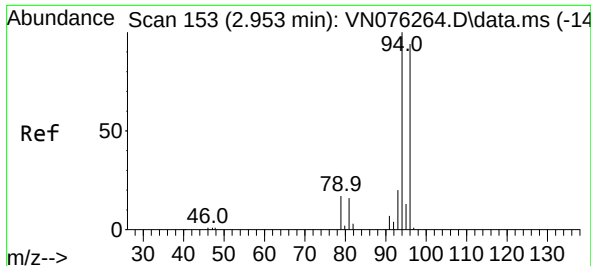
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#4
Vinyl Chloride
Concen: 39.156 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

Tgt Ion: 62 Resp: 276018
Ion Ratio Lower Upper
62 100
64 33.8 25.8 38.6





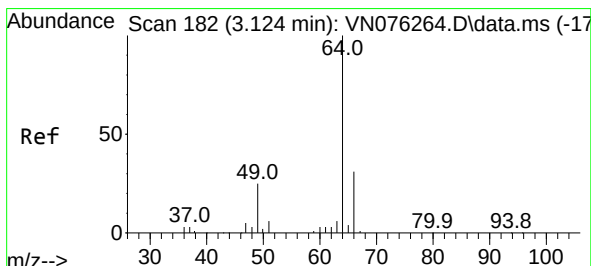
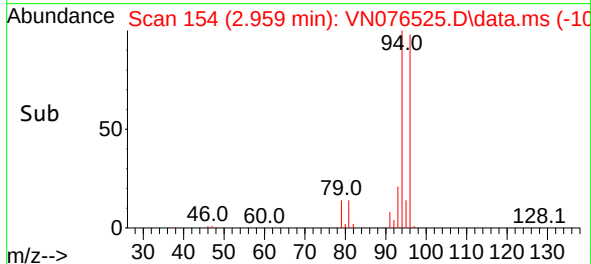
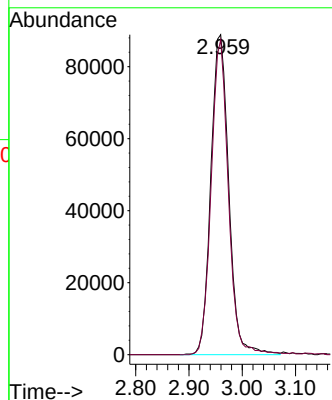
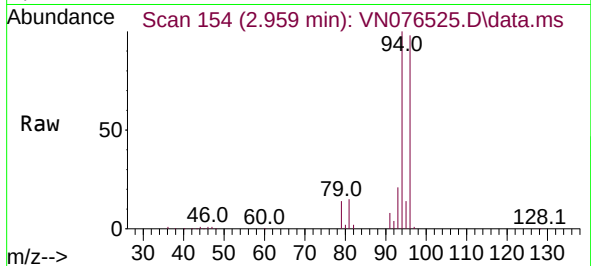
#5
Bromomethane
Concen: 36.032 ug/l
RT: 2.959 min Scan# 154
Delta R.T. 0.006 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 208000
Ion Ratio Lower Upper
94 100
96 98.4 75.1 112.7

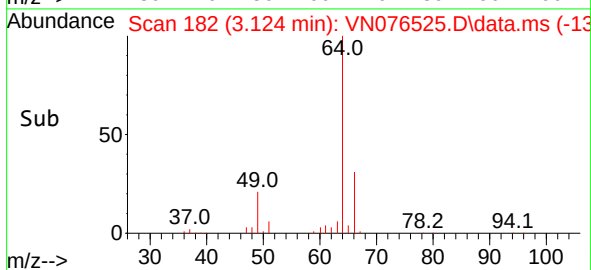
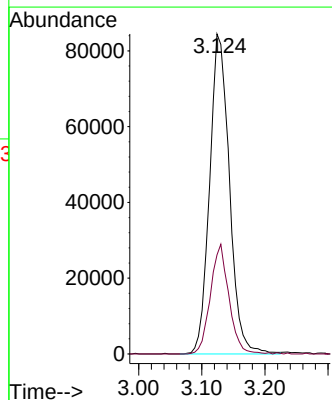
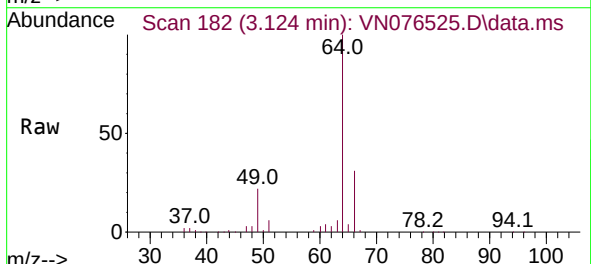
Manual Integrations
APPROVED

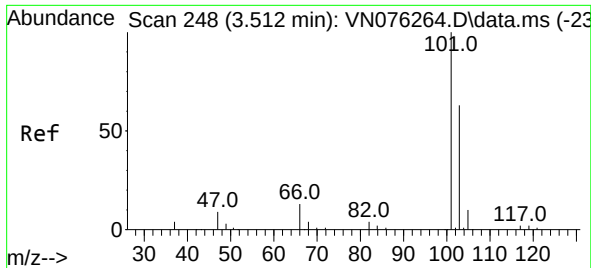
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#6
Chloroethane
Concen: 34.812 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

Tgt Ion: 64 Resp: 184011
Ion Ratio Lower Upper
64 100
66 30.9 24.8 37.2





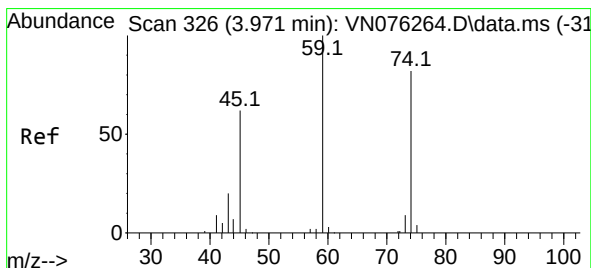
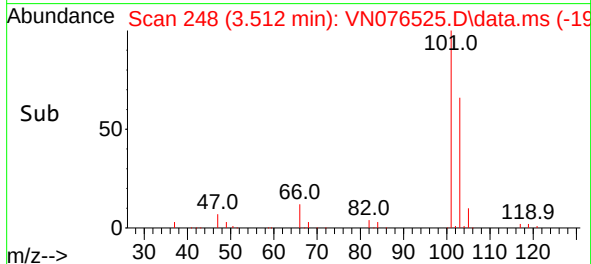
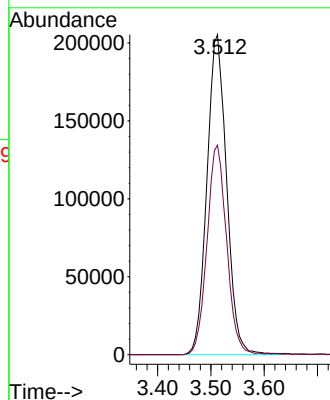
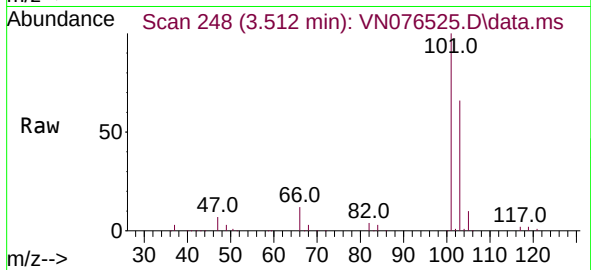
#7
Trichlorofluoromethane
Concen: 54.285 ug/l
RT: 3.512 min Scan# 248
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 526462
Ion Ratio Lower Upper
101 100
103 65.5 50.2 75.4

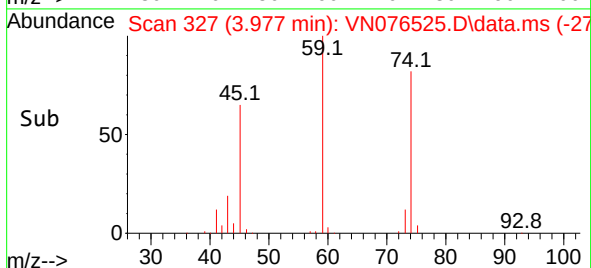
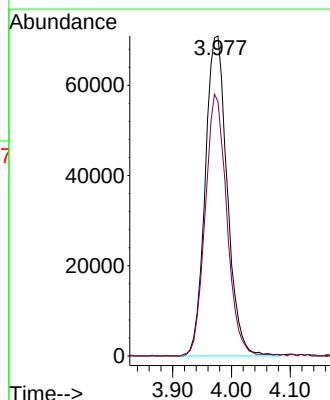
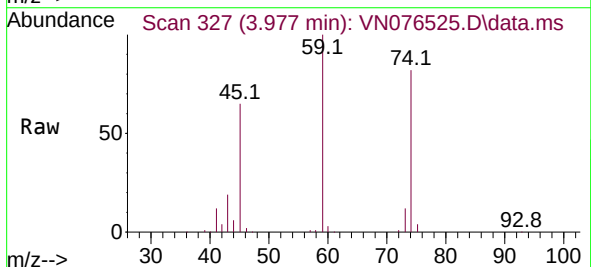
Manual Integrations
APPROVED

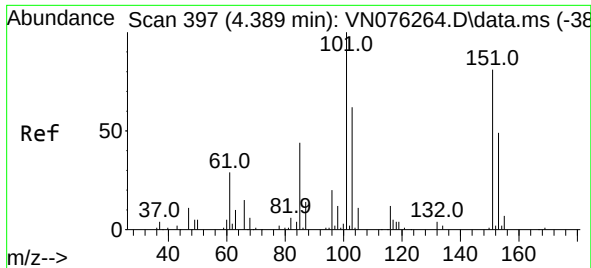
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#8
Diethyl Ether
Concen: 56.620 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

Tgt Ion: 74 Resp: 184176
Ion Ratio Lower Upper
74 100
45 80.9 37.8 113.3





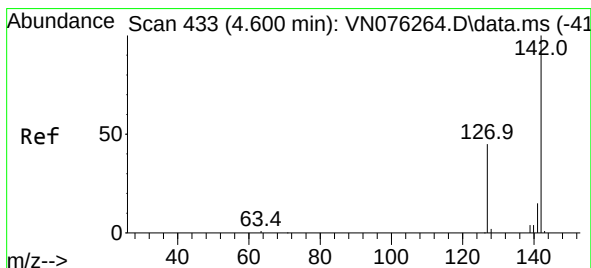
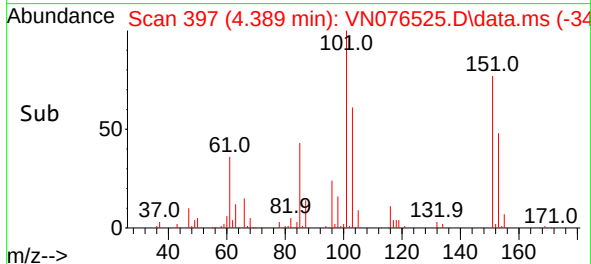
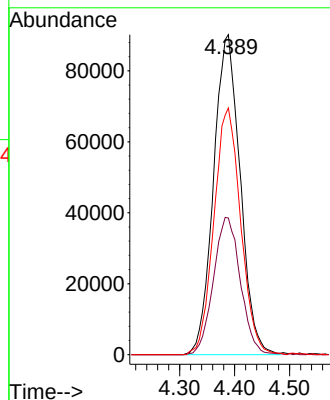
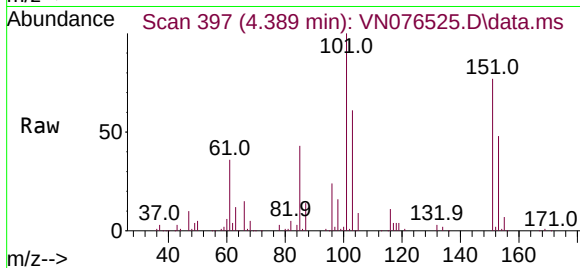
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.214 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 303128
Ion Ratio Lower Upper
101 100
85 43.5 35.5 53.3
151 77.6 65.5 98.3

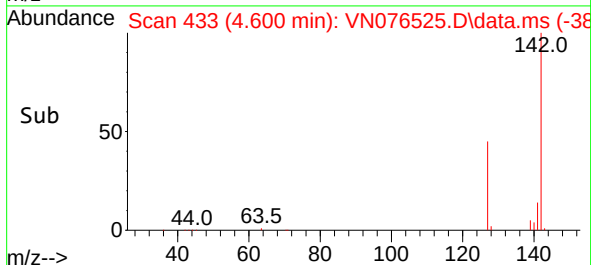
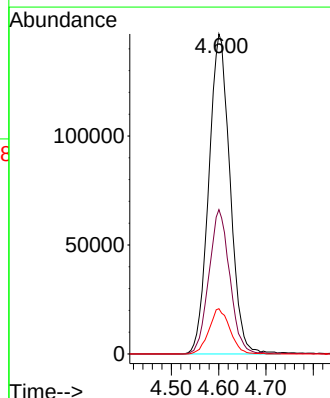
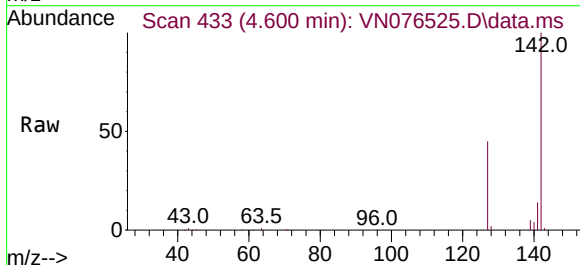
Manual Integrations
APPROVED

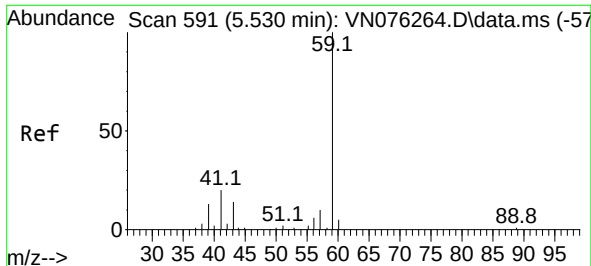
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#10
Methyl Iodide
Concen: 54.457 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

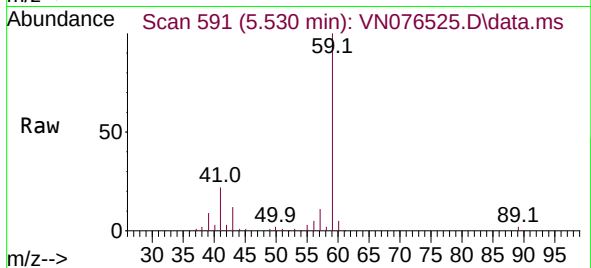
Tgt Ion:142 Resp: 456679
Ion Ratio Lower Upper
142 100
127 44.4 35.0 52.4
141 14.0 11.5 17.3





#11
Tert butyl alcohol
Concen: 269.359 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

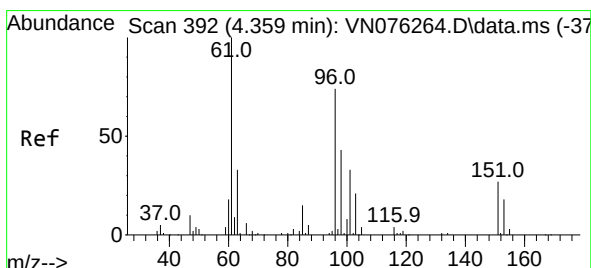
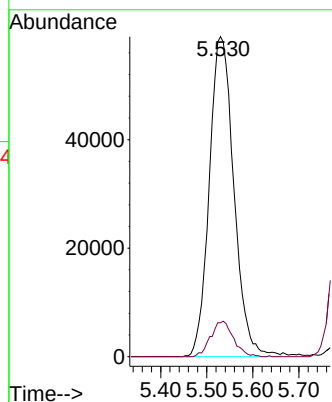
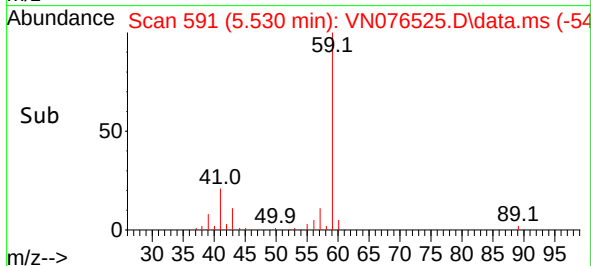
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 218579
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

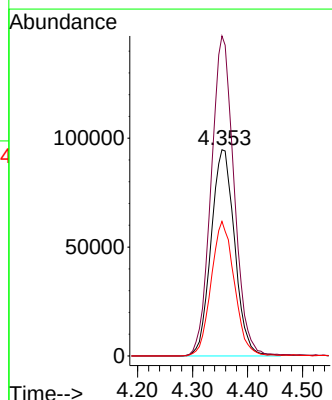
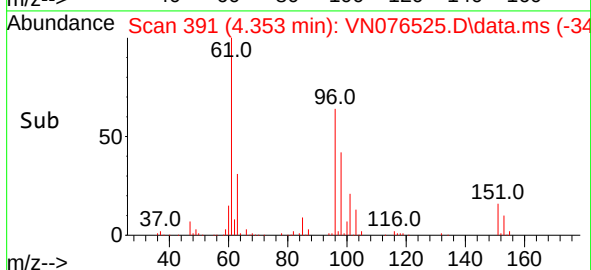
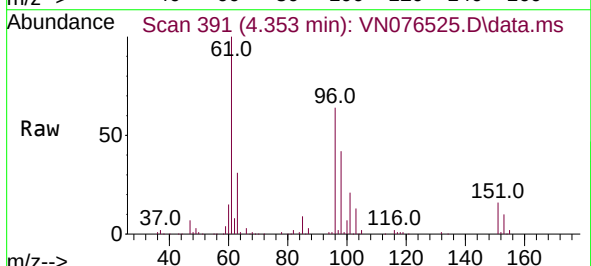
Manual Integrations
APPROVED

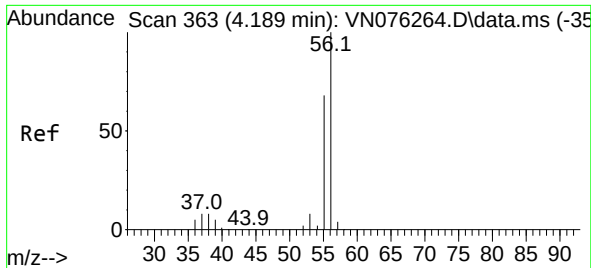
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#12
1,1-Dichloroethene
Concen: 54.437 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

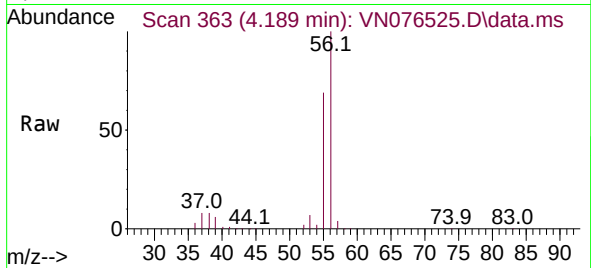
Tgt Ion: 96 Resp: 282519
Ion Ratio Lower Upper
96 100
61 155.2 108.2 162.4
98 65.3 47.0 70.6





#13
Acrolein
Concen: 276.654 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

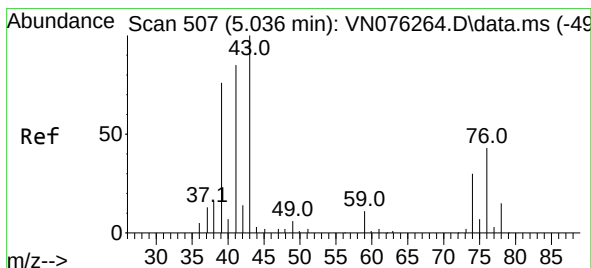
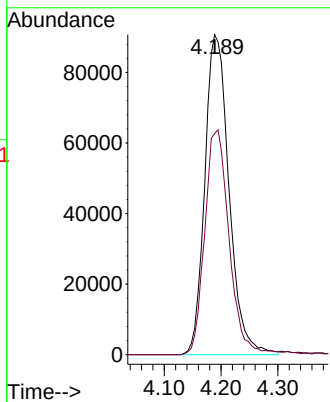
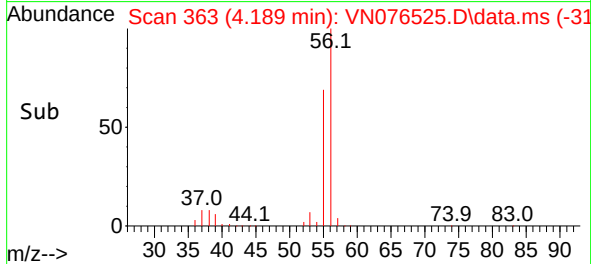
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



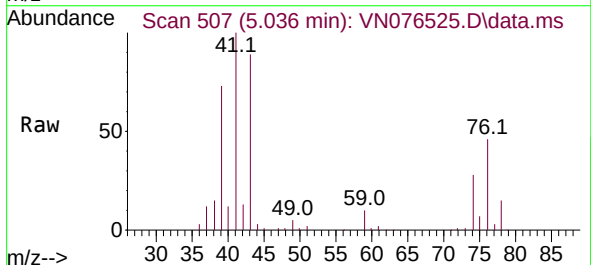
Tgt Ion: 56 Resp: 268480
Ion Ratio Lower Upper
56 100
55 70.7 55.8 83.6

Manual Integrations
APPROVED

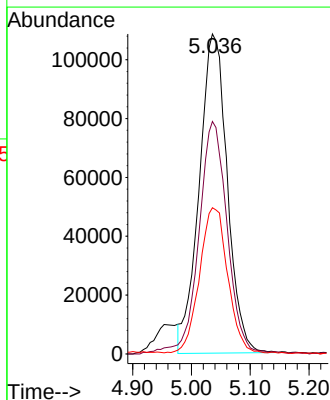
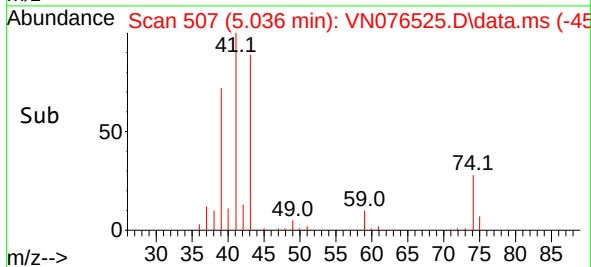
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

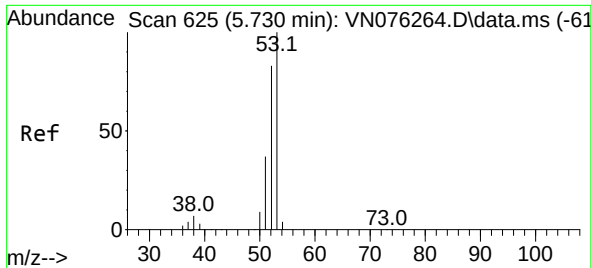


#14
Allyl chloride
Concen: 59.435 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42



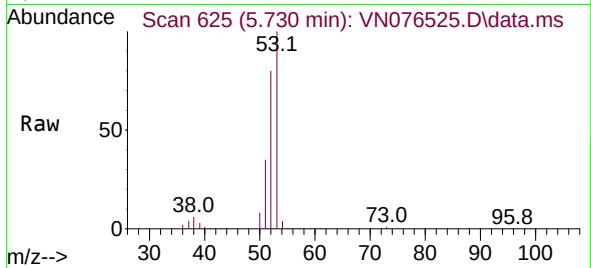
Tgt Ion: 41 Resp: 359461
Ion Ratio Lower Upper
41 100
39 74.1 67.4 101.0
76 45.5 39.8 59.8





#15
Acrylonitrile
Concen: 255.757 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

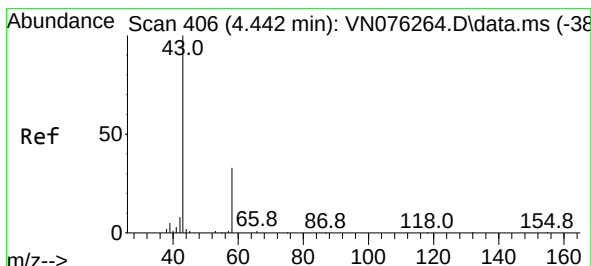
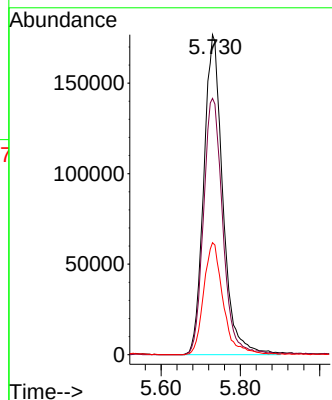
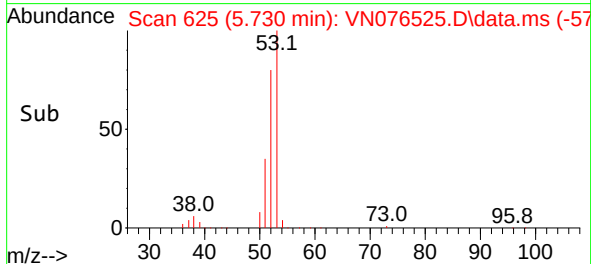
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



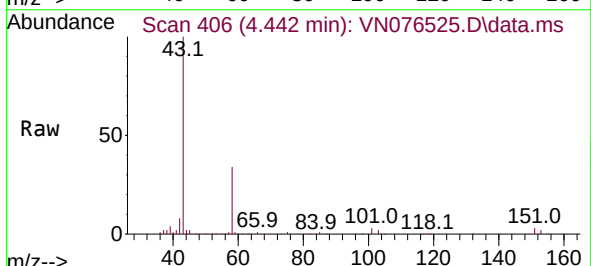
Tgt Ion: 53 Resp: 590598
Ion Ratio Lower Upper
53 100
52 81.0 64.7 97.1
51 35.7 29.2 43.8

Manual Integrations
APPROVED

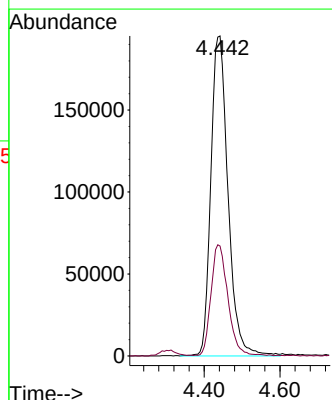
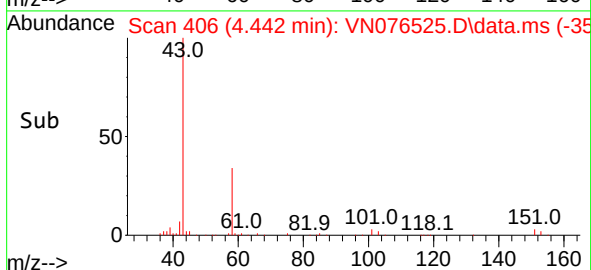
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

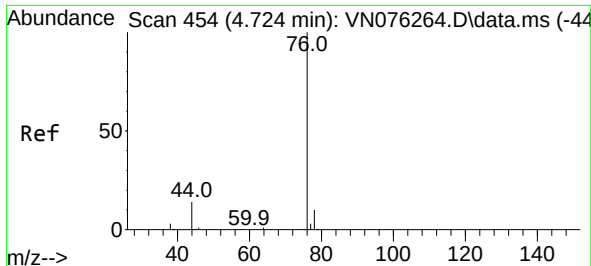


#16
Acetone
Concen: 315.243 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42



Tgt Ion: 43 Resp: 613062
Ion Ratio Lower Upper
43 100
58 34.2 26.7 40.1





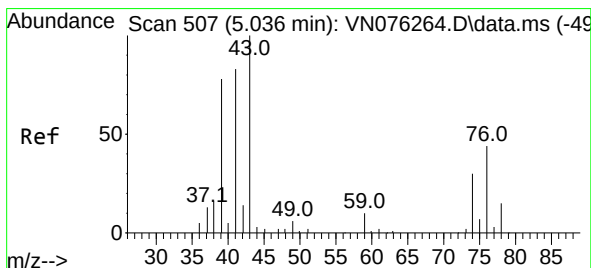
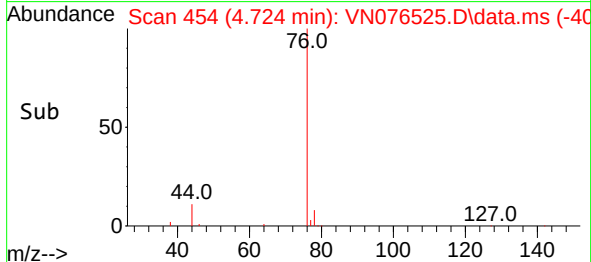
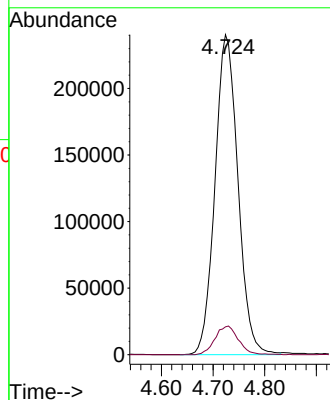
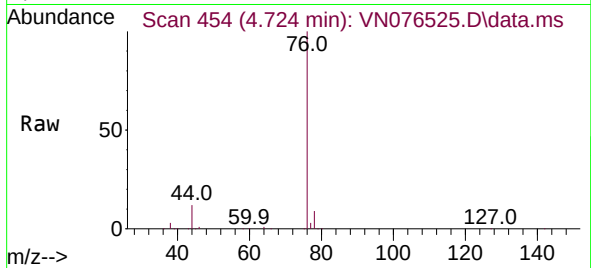
#17
Carbon Disulfide
Concen: 57.415 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 741933
Ion Ratio Lower Upper
76 100
78 8.7 8.0 12.0

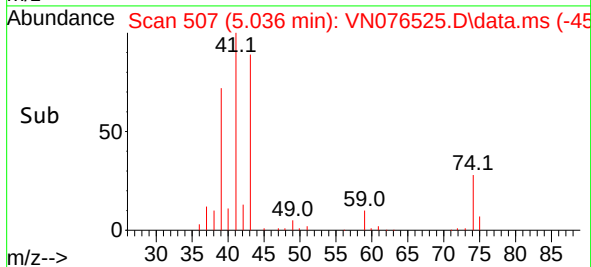
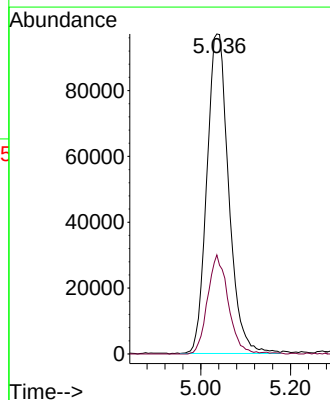
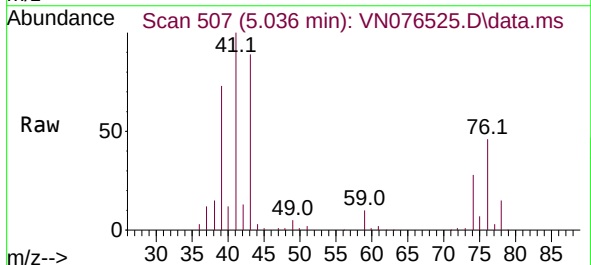
Manual Integrations
APPROVED

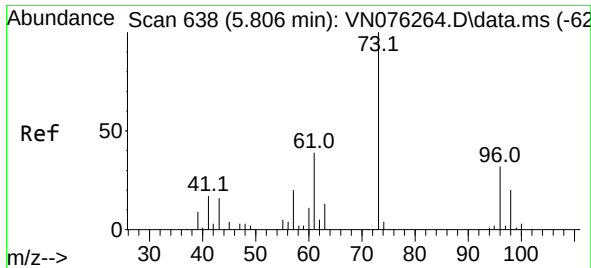
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#18
Methyl Acetate
Concen: 49.734 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

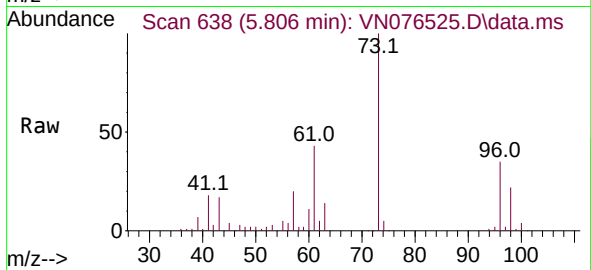
Tgt Ion: 43 Resp: 327803
Ion Ratio Lower Upper
43 100
74 29.3 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 56.003 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

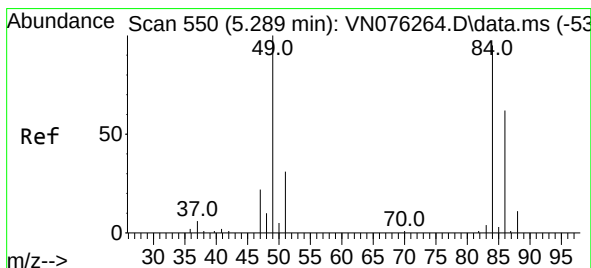
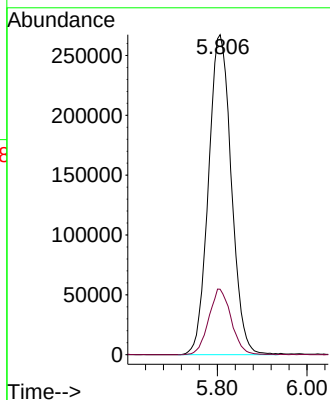
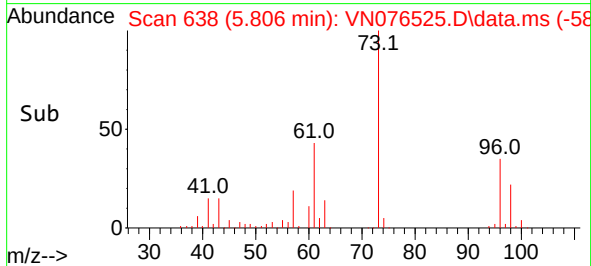
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 946199
Ion Ratio Lower Upper
73 100
57 20.4 15.9 23.9

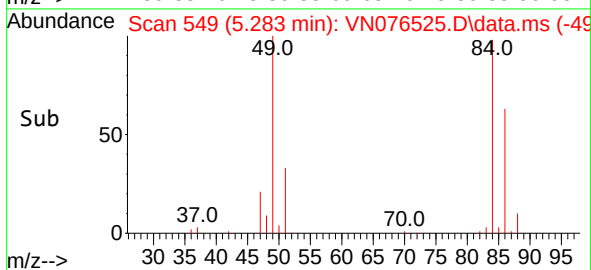
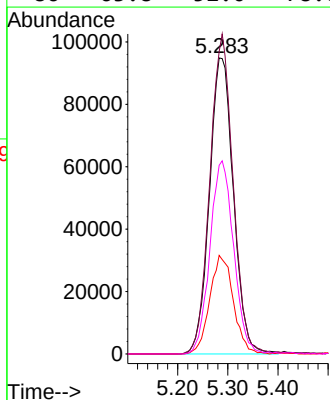
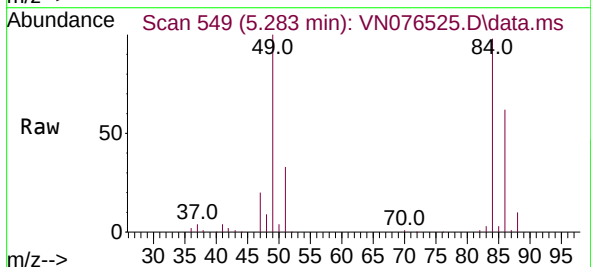
Manual Integrations
APPROVED

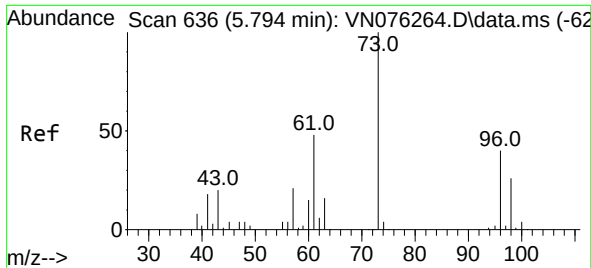
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#20
Methylene Chloride
Concen: 54.836 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

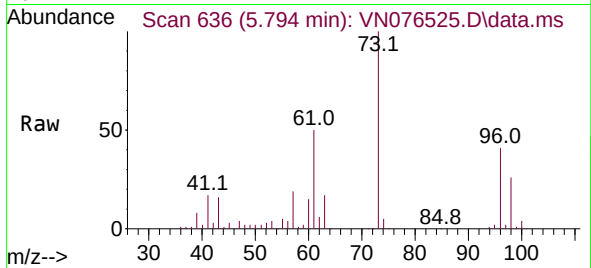
Tgt Ion: 84 Resp: 315239
Ion Ratio Lower Upper
84 100
49 102.2 84.5 126.7
51 33.3 26.0 39.0
86 63.8 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 55.230 ug/l
RT: 5.794 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

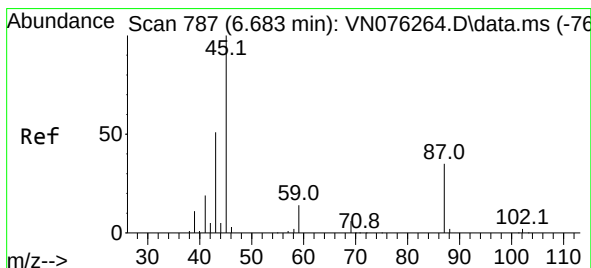
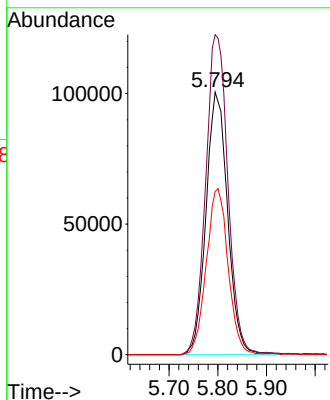
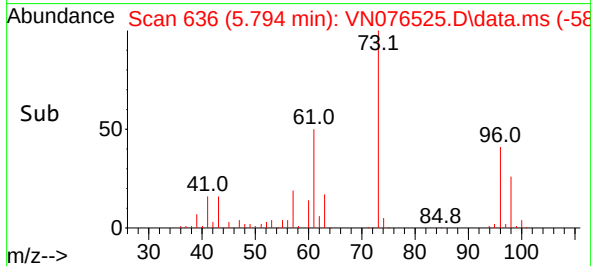
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



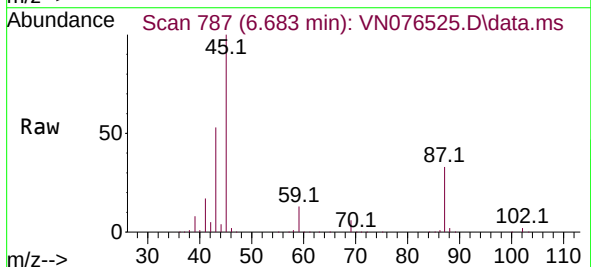
Tgt Ion: 96 Resp: 31052
Ion Ratio Lower Upper
96 100
61 121.9 97.0 145.4
98 62.1 51.9 77.9

Manual Integrations
APPROVED

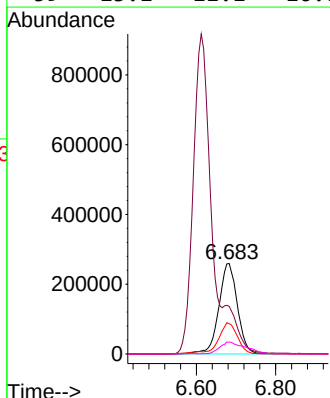
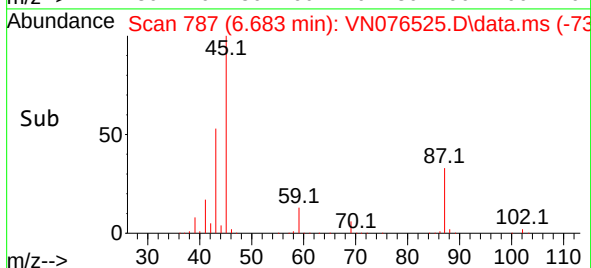
Reviewed By :John Carbone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

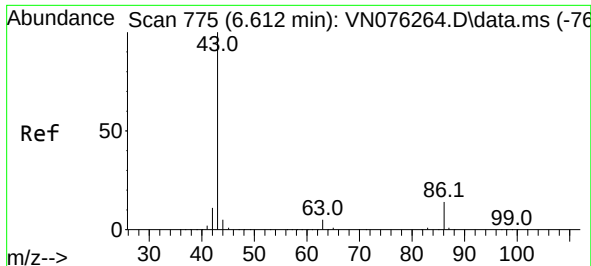


#22
Diisopropyl ether
Concen: 58.974 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42



Tgt Ion: 45 Resp: 841118
Ion Ratio Lower Upper
45 100
43 51.7 44.4 66.6
87 33.4 28.4 42.6
59 13.1 11.1 16.7





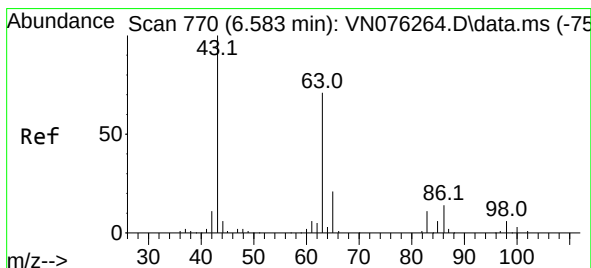
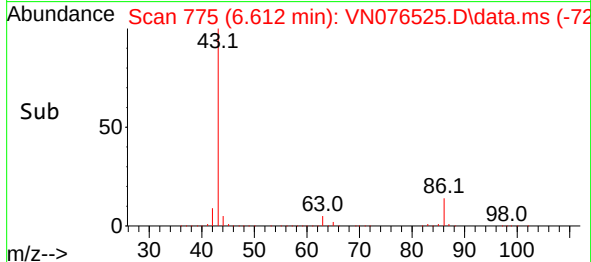
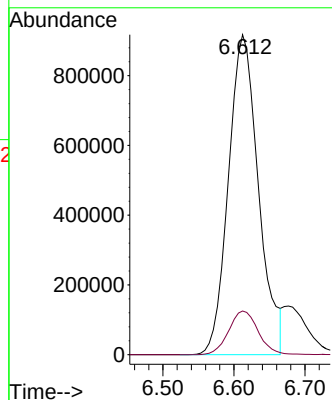
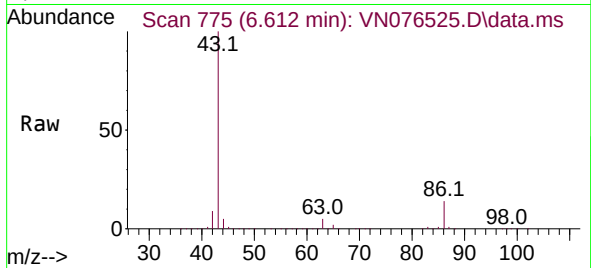
#23
 Vinyl Acetate
 Concen: 293.276 ug/l
 RT: 6.612 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN076525.D
 Acq: 03 Feb 2023 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 270335
 Ion Ratio Lower Upper
 43 100
 86 13.6 11.2 16.8

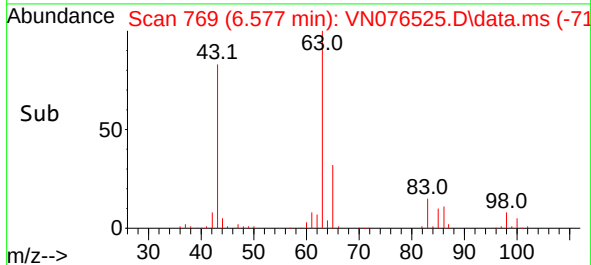
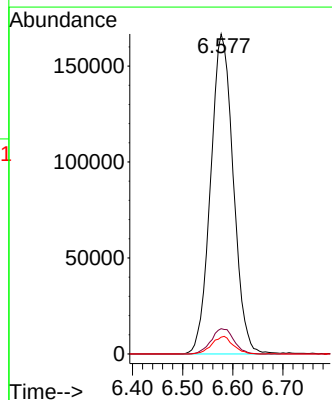
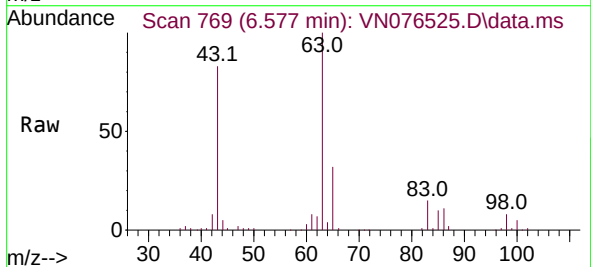
Manual Integrations
 APPROVED

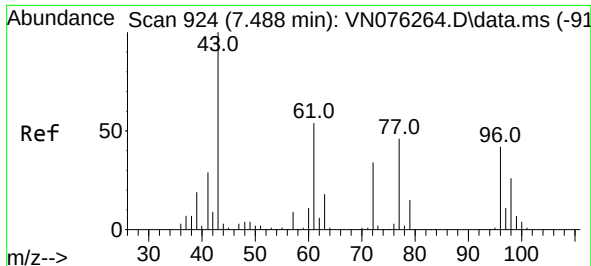
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023



#24
 1,1-Dichloroethane
 Concen: 55.074 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076525.D
 Acq: 03 Feb 2023 11:42

Tgt Ion: 63 Resp: 523590
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 5.2 2.2 6.6





#25

2-Butanone

Concen: 261.354 ug/l

RT: 7.488 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076525.D

Acq: 03 Feb 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 77631

Ion Ratio Lower Upper

43 100

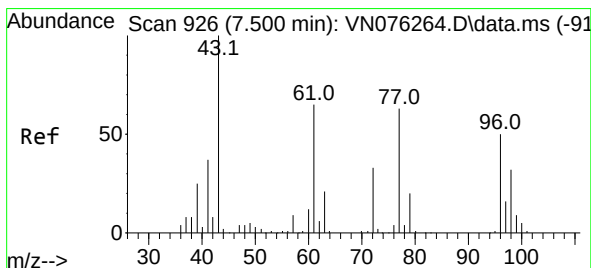
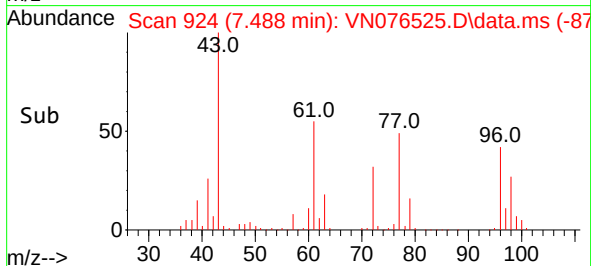
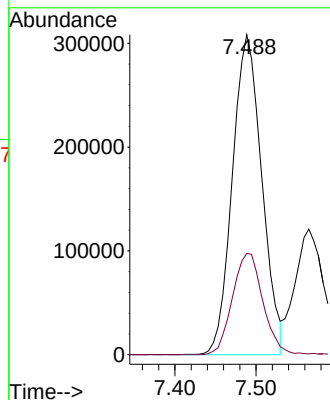
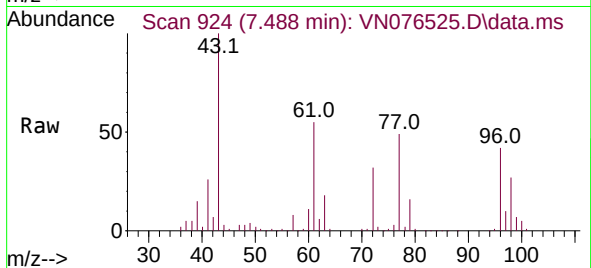
72 31.6 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#26

2,2-Dichloropropane

Concen: 59.395 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN076525.D

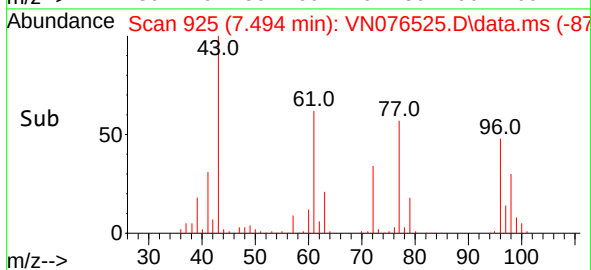
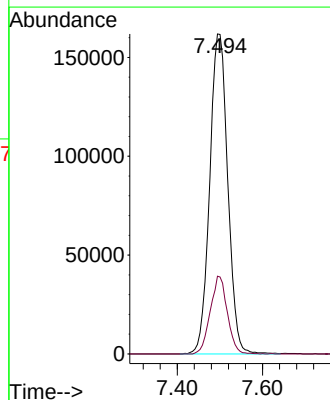
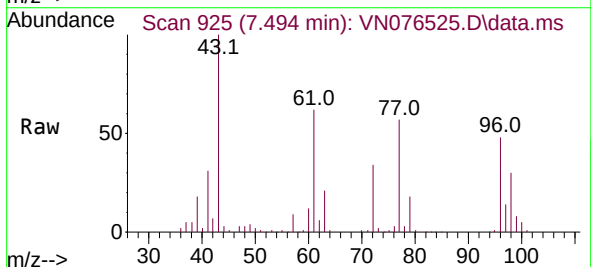
Acq: 03 Feb 2023 11:42

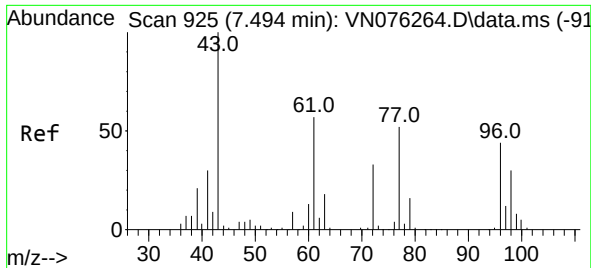
Tgt Ion: 77 Resp: 475918

Ion Ratio Lower Upper

77 100

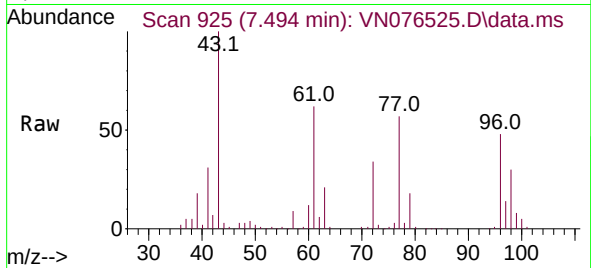
97 22.9 11.8 35.4





#27
 cis-1,2-Dichloroethene
 Concen: 55.237 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076525.D
 Acq: 03 Feb 2023 11:42

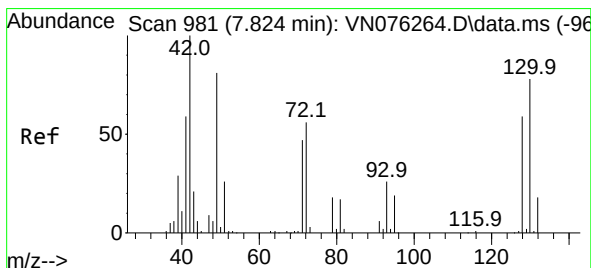
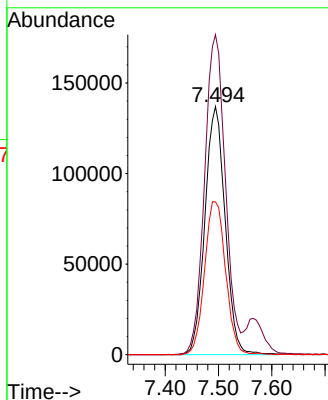
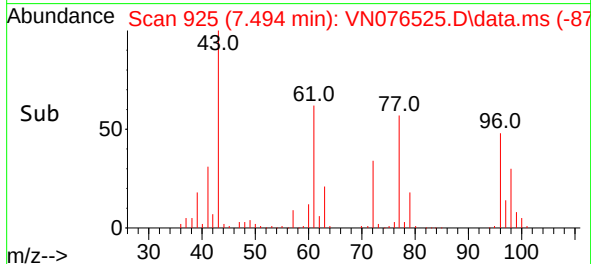
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 36221
 Ion Ratio Lower Upper
 96 100
 61 132.2 0.0 259.6
 98 64.1 0.0 129.4

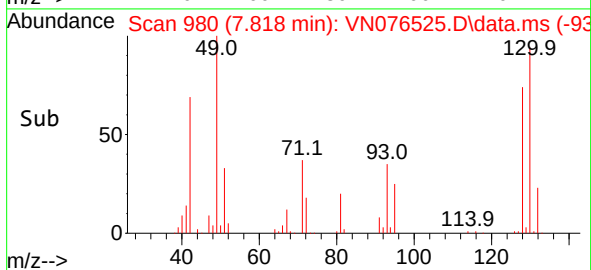
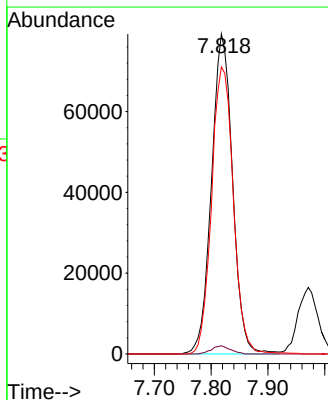
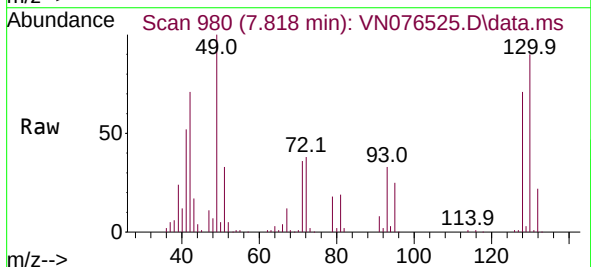
Manual Integrations
 APPROVED

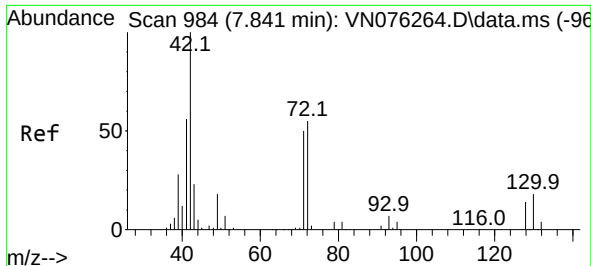
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023



#28
 Bromochloromethane
 Concen: 52.971 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076525.D
 Acq: 03 Feb 2023 11:42

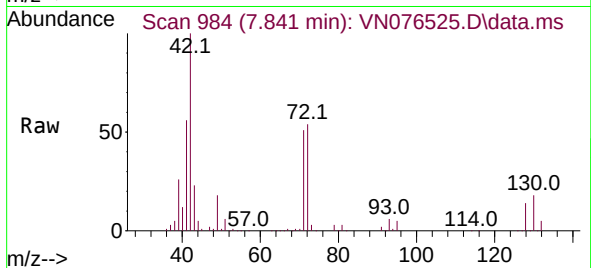
Tgt Ion: 49 Resp: 204120
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.2
 130 92.4 76.0 114.0





#29
Tetrahydrofuran
Concen: 259.143 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

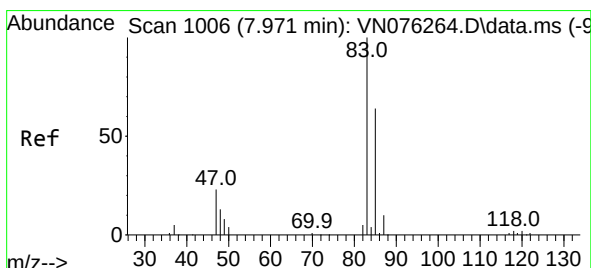
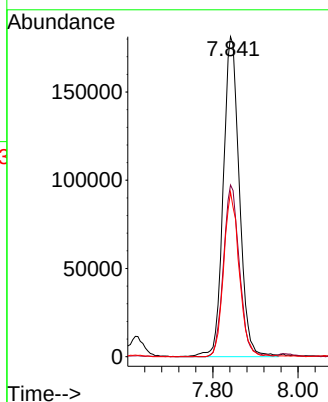
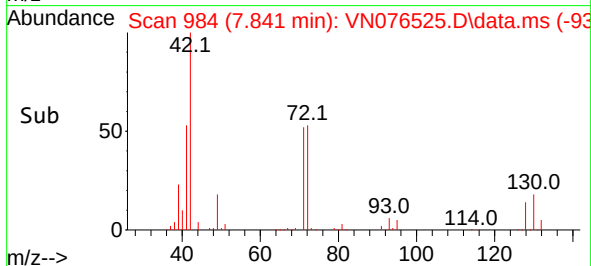
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



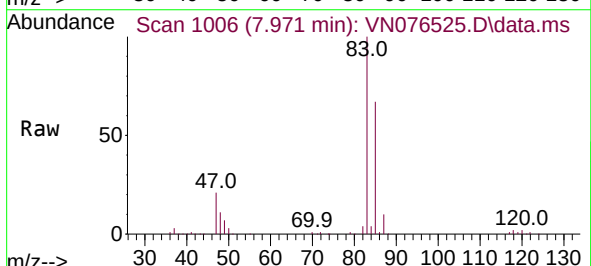
Tgt Ion: 42 Resp: 475078
Ion Ratio Lower Upper
42 100
72 53.0 44.0 66.0
71 49.5 41.1 61.7

Manual Integrations
APPROVED

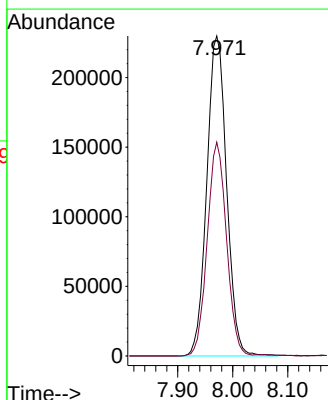
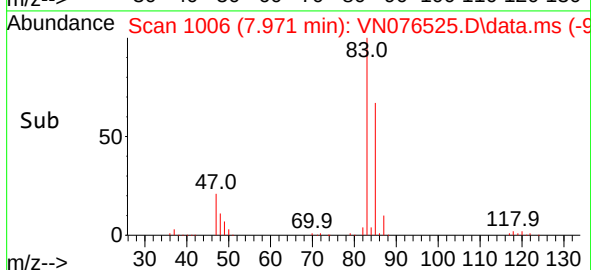
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

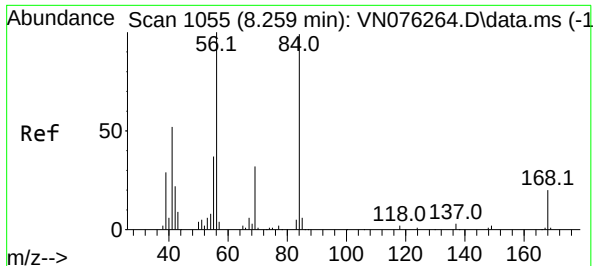


#30
Chloroform
Concen: 54.718 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42



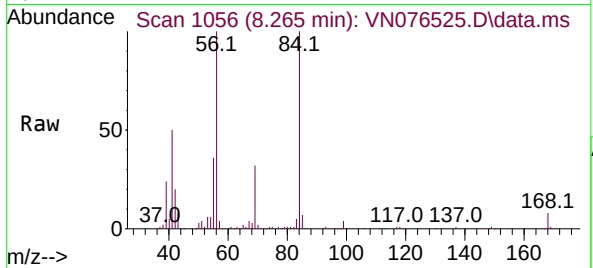
Tgt Ion: 83 Resp: 575612
Ion Ratio Lower Upper
83 100
85 66.8 51.0 76.6





#31
Cyclohexane
Concen: 52.275 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

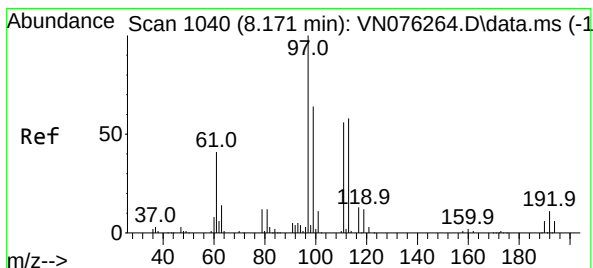
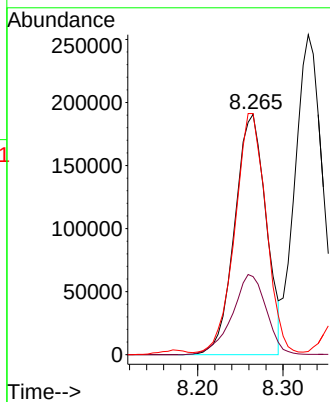
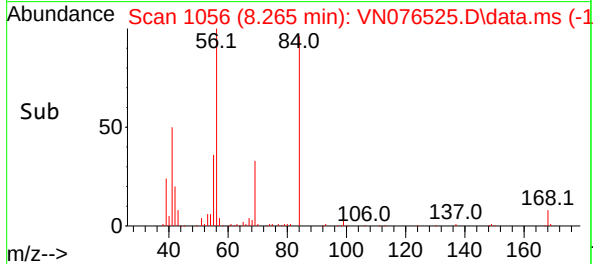
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 48718
Ion Ratio Lower Upper
56 100
69 32.5 25.8 38.8
84 98.5 79.0 118.4

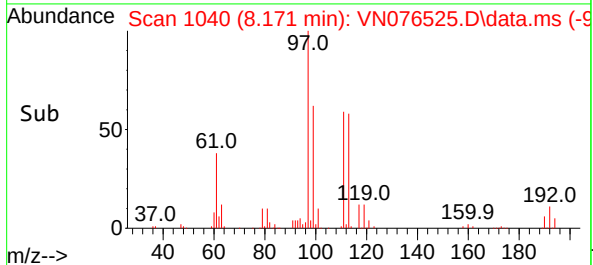
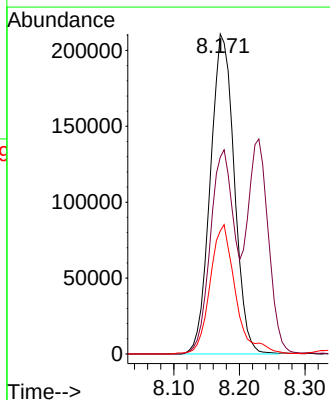
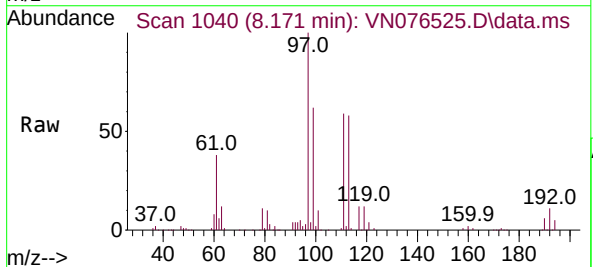
Manual Integrations
APPROVED

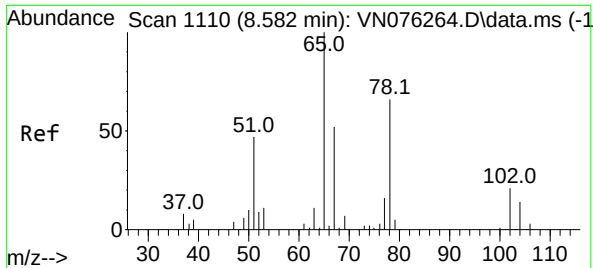
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#32
1,1,1-Trichloroethane
Concen: 55.611 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

Tgt Ion: 97 Resp: 534106
Ion Ratio Lower Upper
97 100
99 63.9 55.0 82.4
61 42.9 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 53.271 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076525.D

Acq: 03 Feb 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 323180

Ion Ratio Lower Upper

65 100

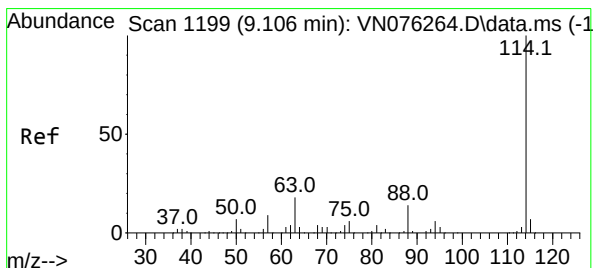
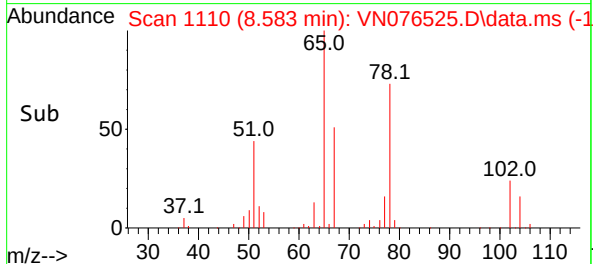
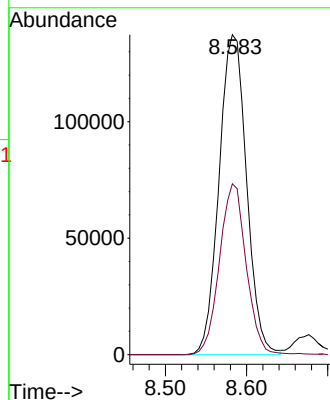
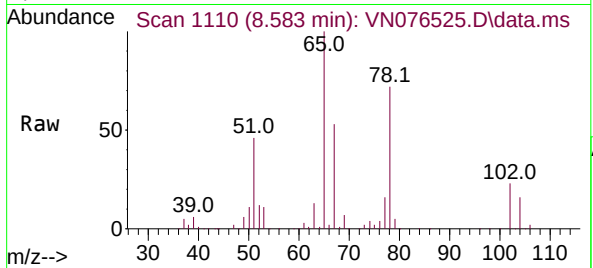
67 52.0 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076525.D

Acq: 03 Feb 2023 11:42

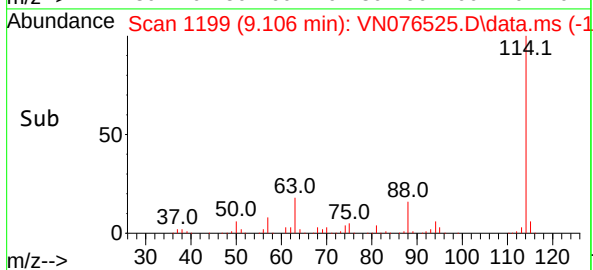
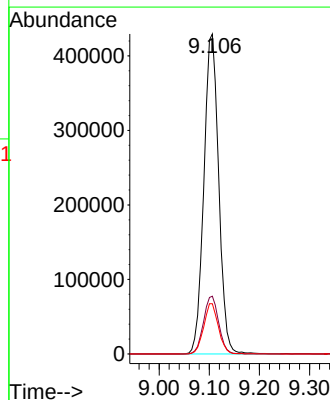
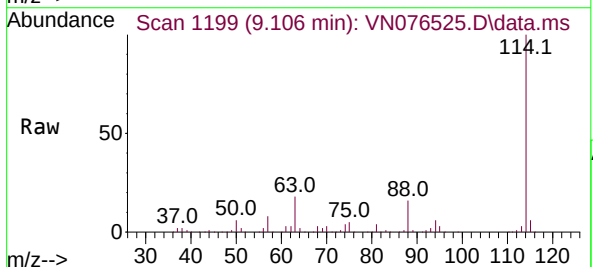
Tgt Ion:114 Resp: 883567

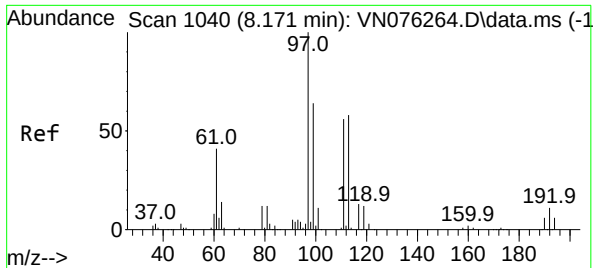
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.8

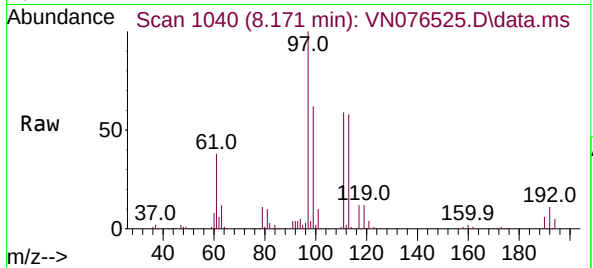
88 15.7 0.0 28.0





#35
Dibromofluoromethane
Concen: 53.445 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

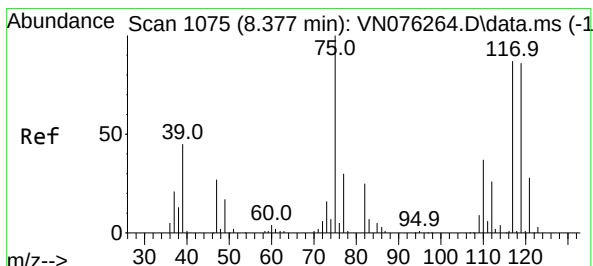
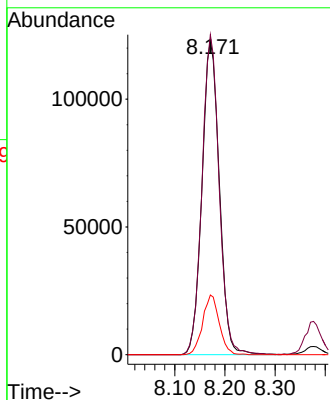
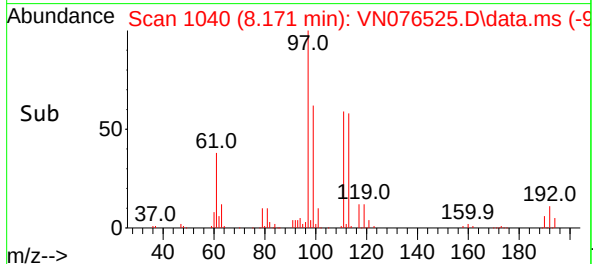
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



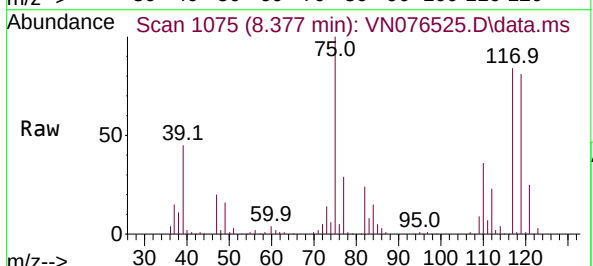
Tgt Ion: 113 Resp: 295394
Ion Ratio Lower Upper
113 100
111 100.7 82.7 124.1
192 18.2 15.6 23.4

Manual Integrations
APPROVED

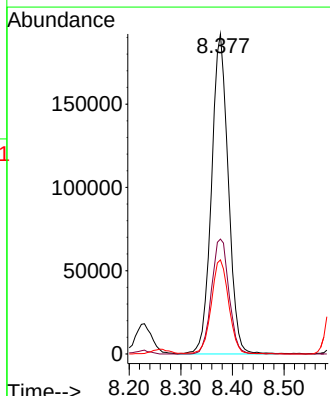
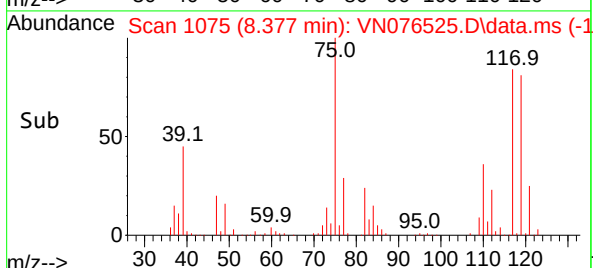
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

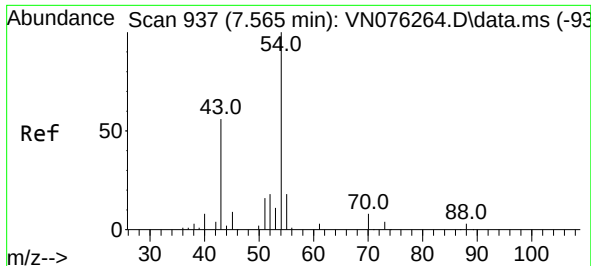


#36
1,1-Dichloropropene
Concen: 55.079 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42



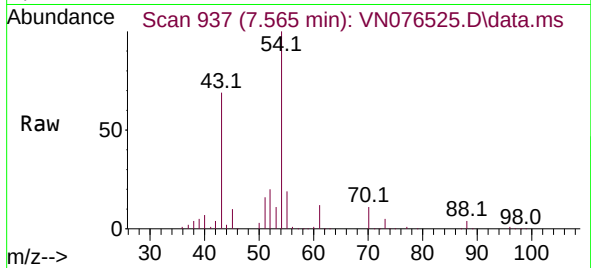
Tgt Ion: 75 Resp: 432586
Ion Ratio Lower Upper
75 100
110 37.4 18.8 56.3
77 30.6 25.0 37.4





#37
Ethyl Acetate
Concen: 48.936 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

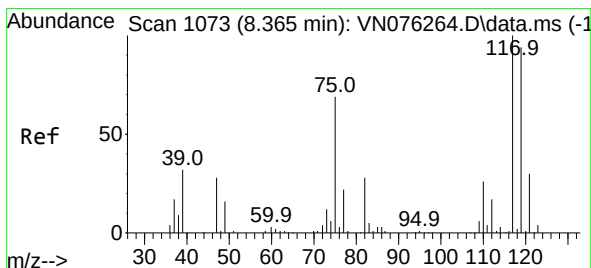
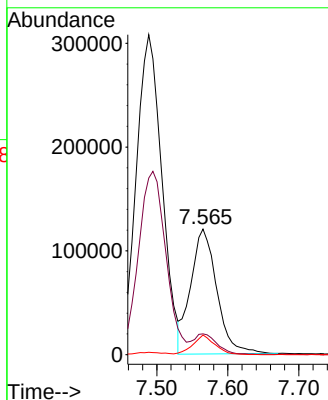
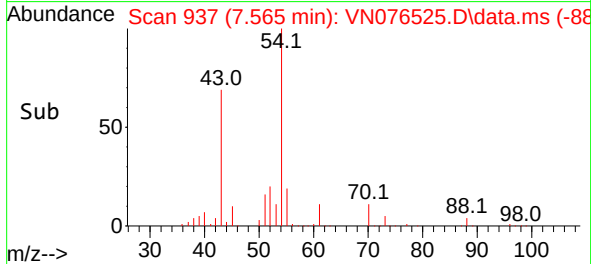
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



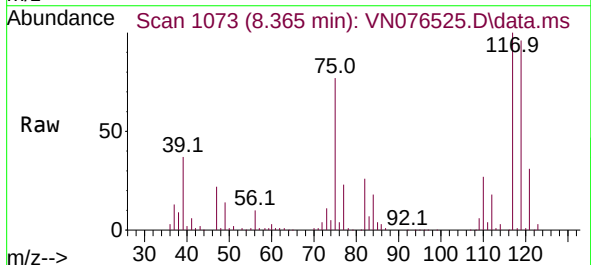
Tgt Ion: 43 Resp: 308270
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 13.3 10.0 15.0

Manual Integrations
APPROVED

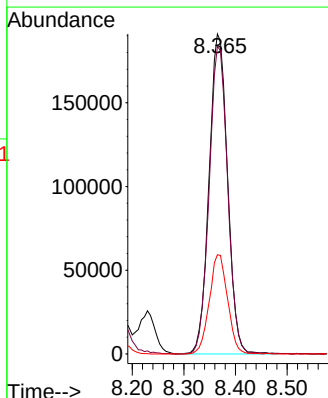
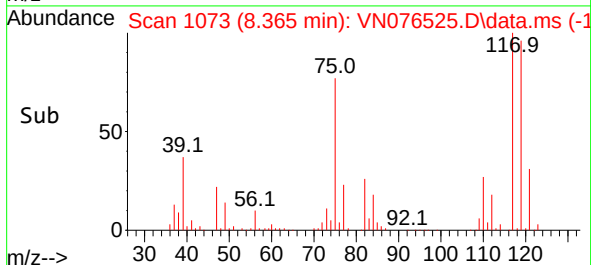
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

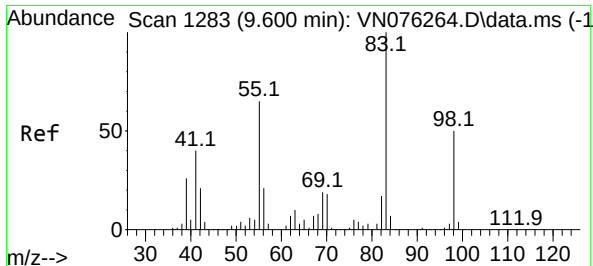


#38
Carbon Tetrachloride
Concen: 54.273 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42



Tgt Ion:117 Resp: 475341
Ion Ratio Lower Upper
117 100
119 96.1 75.4 113.0
121 31.0 24.2 36.2





#39

Methylcyclohexane

Concen: 58.879 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076525.D

Acq: 03 Feb 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 56470

Ion Ratio Lower Upper

83 100

55 67.3 51.7 77.5

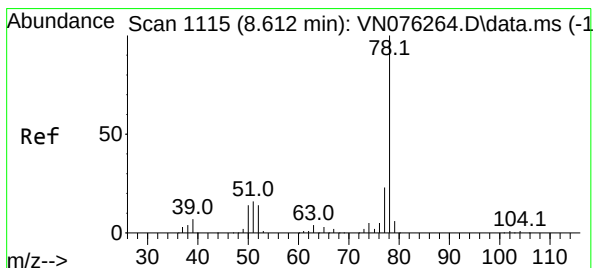
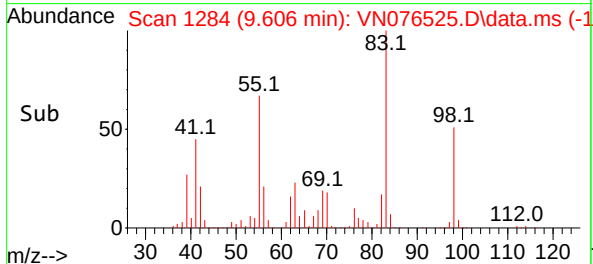
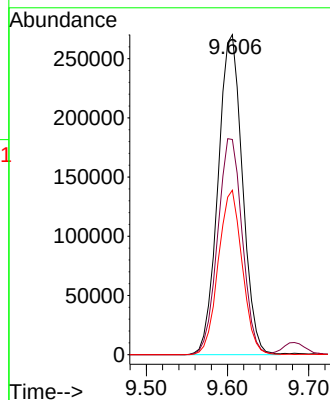
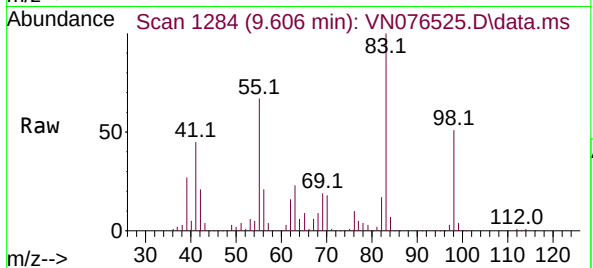
98 51.4 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#40

Benzene

Concen: 54.521 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076525.D

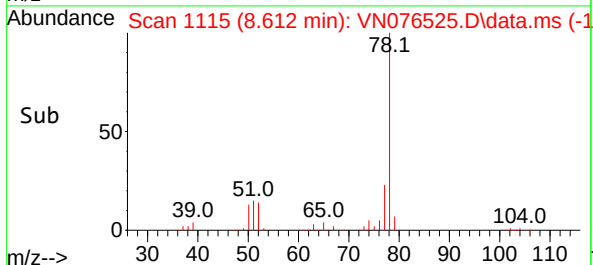
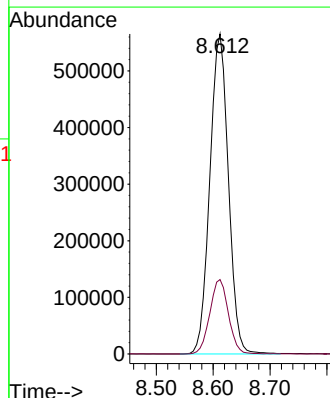
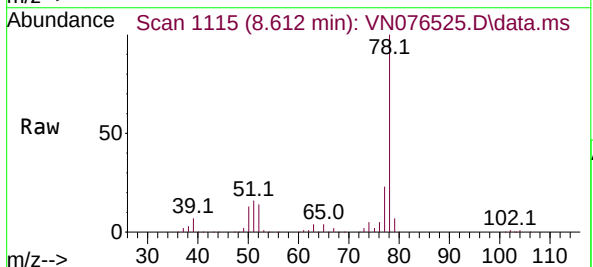
Acq: 03 Feb 2023 11:42

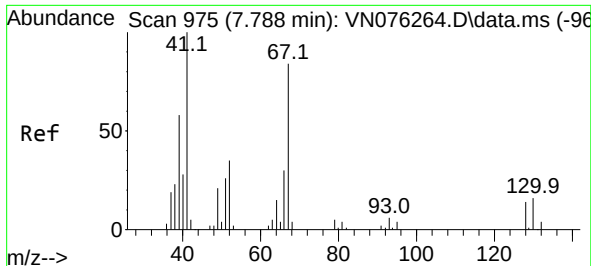
Tgt Ion: 78 Resp: 1280377

Ion Ratio Lower Upper

78 100

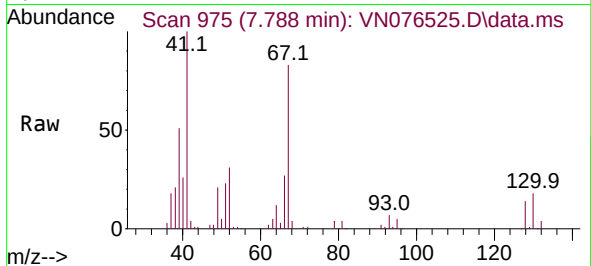
77 23.2 18.6 28.0





#41
Methacrylonitrile
Concen: 54.320 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

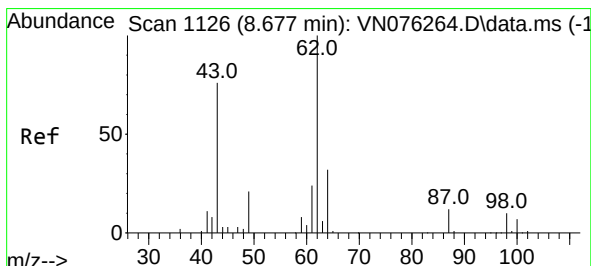
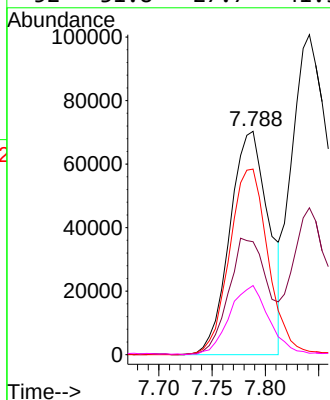
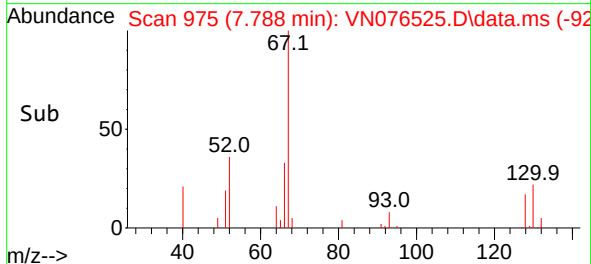
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



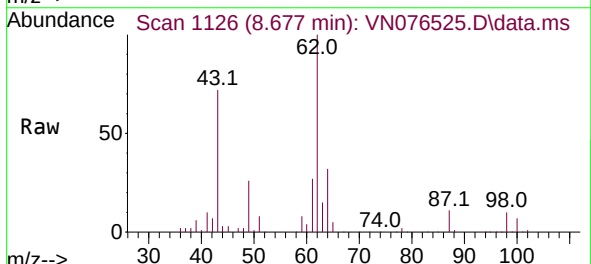
Tgt Ion: 41 Resp: 17916
Ion Ratio Lower Upper
41 100
39 52.5 42.4 63.6
67 82.9 68.8 103.2
52 31.8 27.7 41.5

Manual Integrations
APPROVED

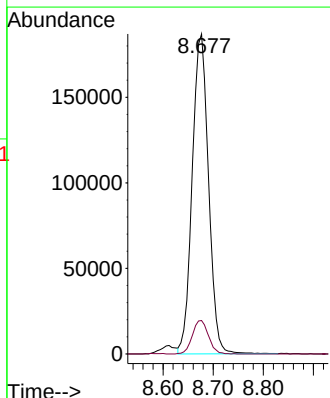
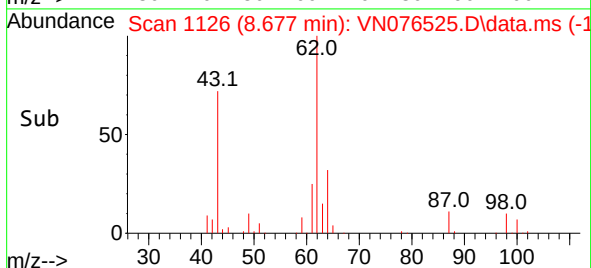
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

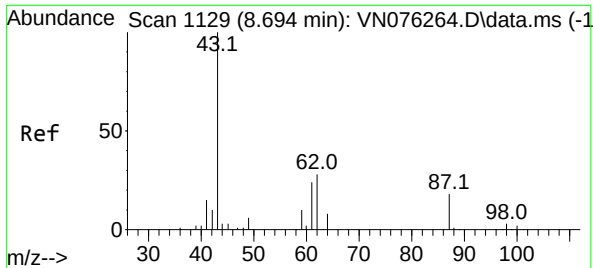


#42
1,2-Dichloroethane
Concen: 52.454 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42



Tgt Ion: 62 Resp: 421472
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.4





#43

Isopropyl Acetate

Concen: 52.620 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076525.D

Acq: 03 Feb 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 539249

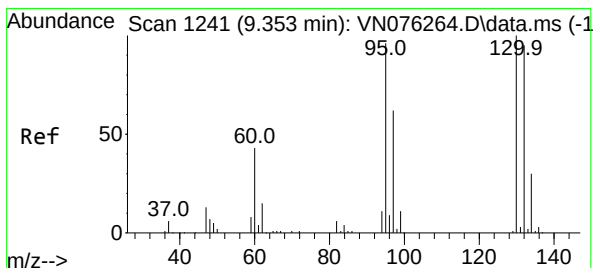
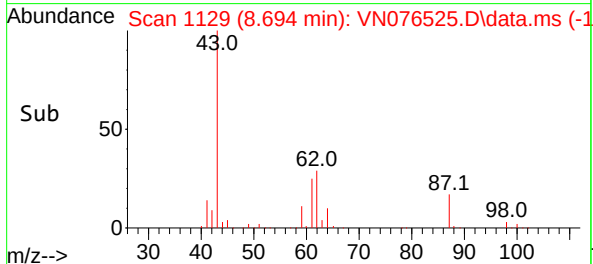
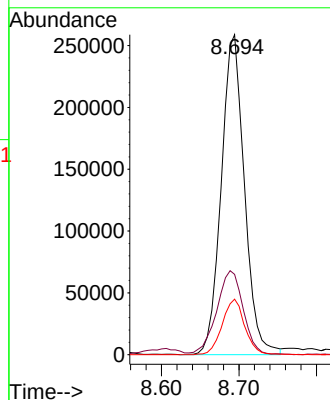
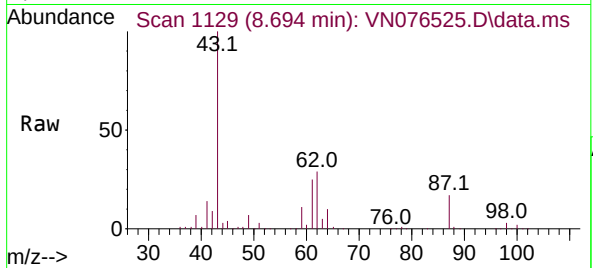
Ion	Ratio	Lower	Upper
43	100		
61	30.1	23.5	35.3
87	16.9	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#44

Trichloroethene

Concen: 52.318 ug/l

RT: 9.353 min Scan# 1241

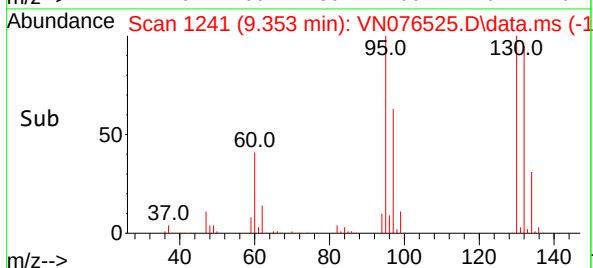
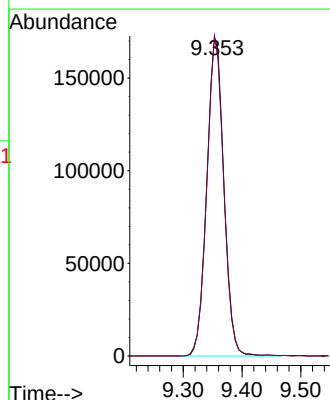
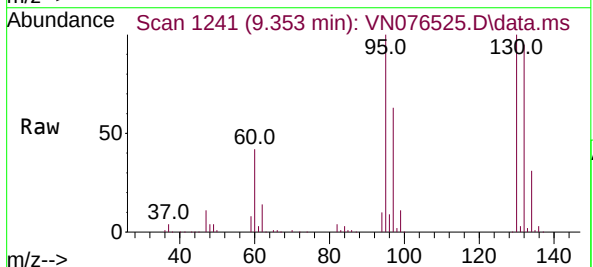
Delta R.T. 0.000 min

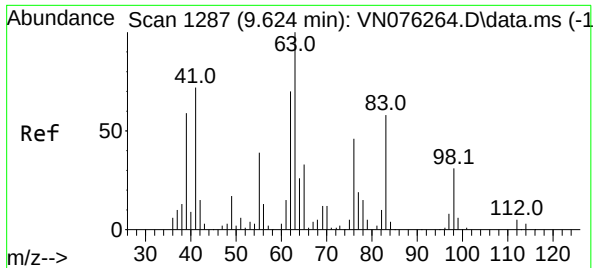
Lab File: VN076525.D

Acq: 03 Feb 2023 11:42

Tgt Ion:130 Resp: 347500

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	192.0





#45

1,2-Dichloropropane

Concen: 53.499 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076525.D

Acq: 03 Feb 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 300800

Ion Ratio Lower Upper

63 100

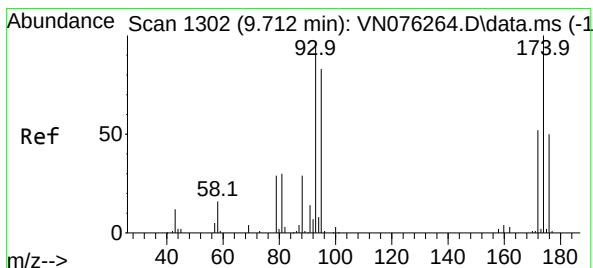
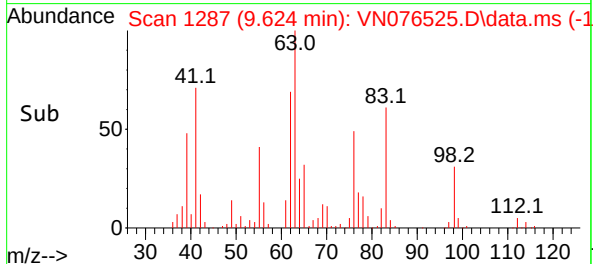
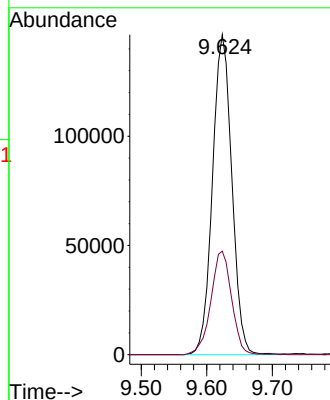
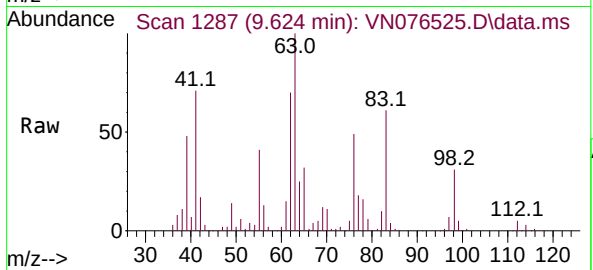
65 32.3 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#46

Dibromomethane

Concen: 50.444 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076525.D

Acq: 03 Feb 2023 11:42

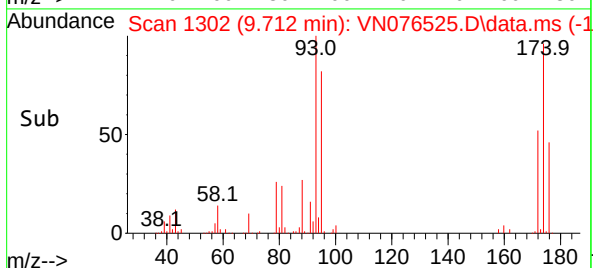
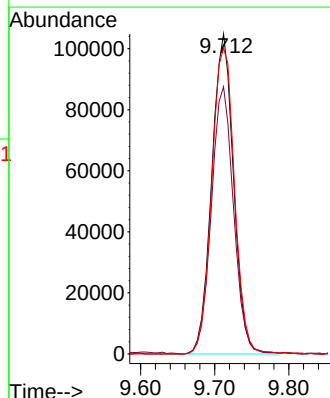
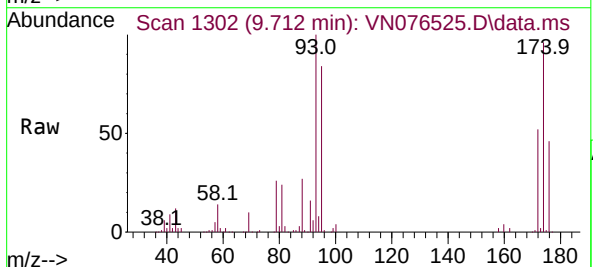
Tgt Ion: 93 Resp: 214144

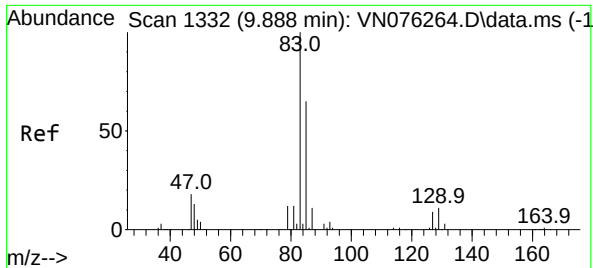
Ion Ratio Lower Upper

93 100

95 85.0 66.0 99.0

174 100.0 81.3 121.9





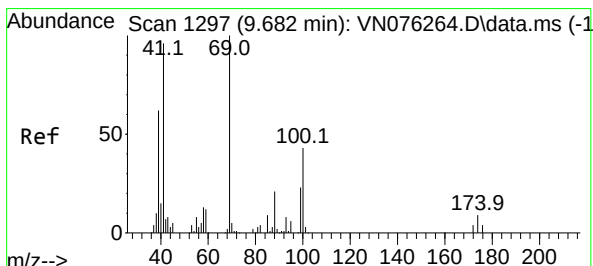
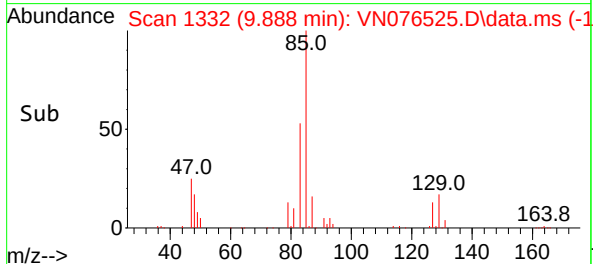
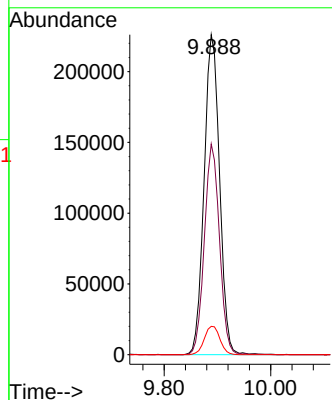
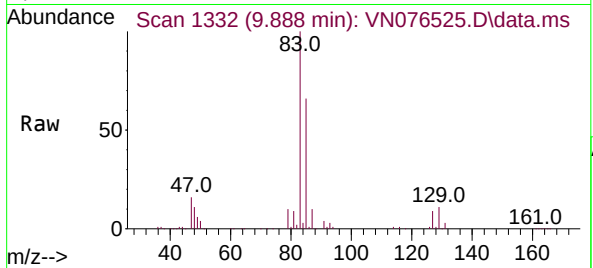
#47
Bromodichloromethane
Concen: 55.322 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 455499
Ion Ratio Lower Upper
83 100
85 65.8 52.1 78.1
127 8.9 7.4 11.0

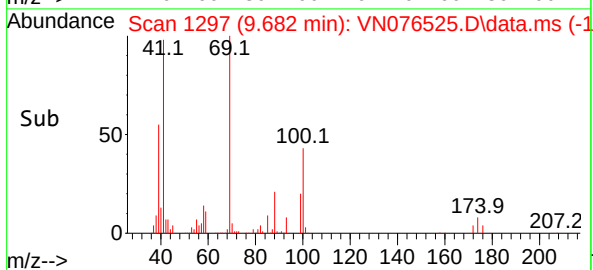
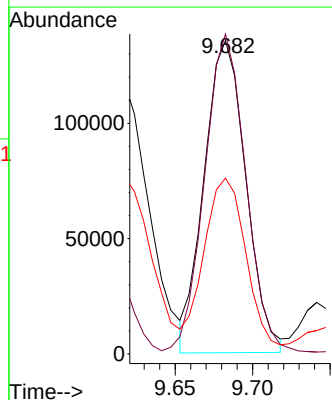
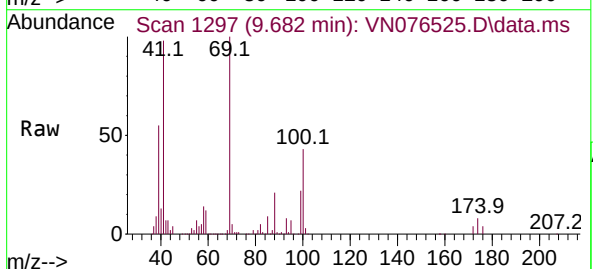
Manual Integrations
APPROVED

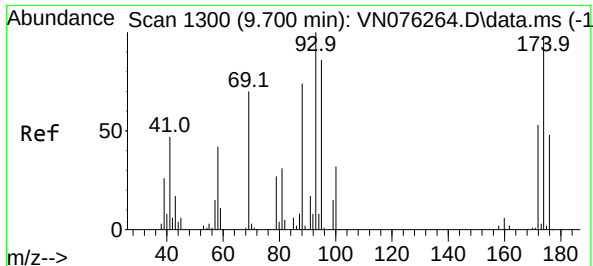
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#48
Methyl methacrylate
Concen: 52.205 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

Tgt Ion: 41 Resp: 253278
Ion Ratio Lower Upper
41 100
69 102.3 80.8 121.2
39 57.6 54.4 81.6





#49

1,4-Dioxane

Concen: 1027.679 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076525.D

Acq: 03 Feb 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 105208

Ion Ratio Lower Upper

88 100

43 21.0 18.1 27.1

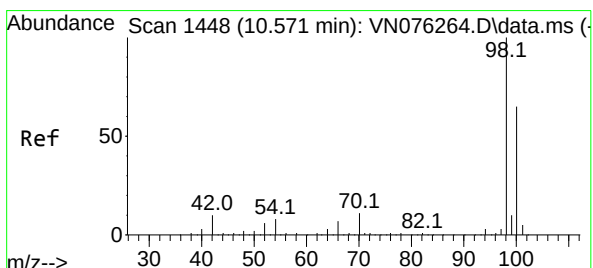
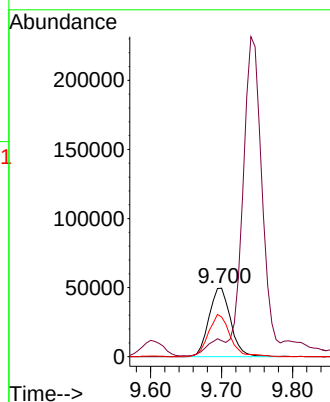
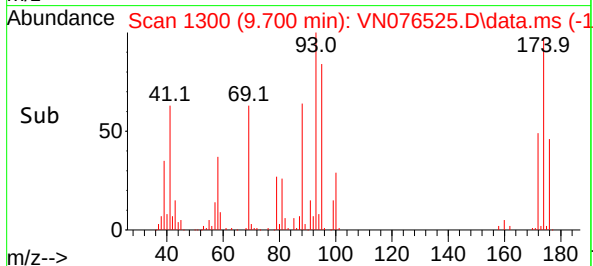
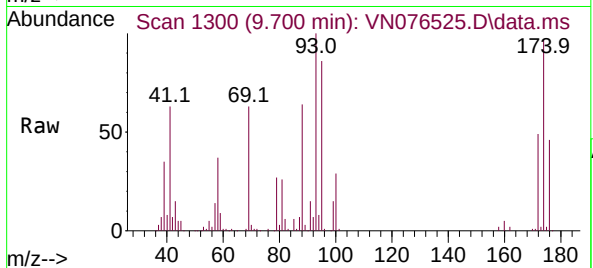
58 61.7 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#50

Toluene-d8

Concen: 52.553 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN076525.D

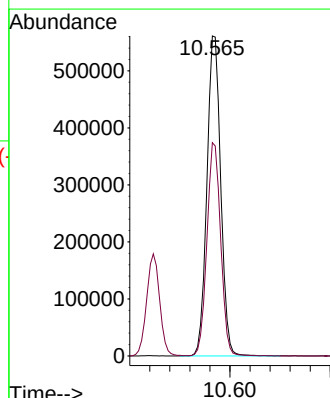
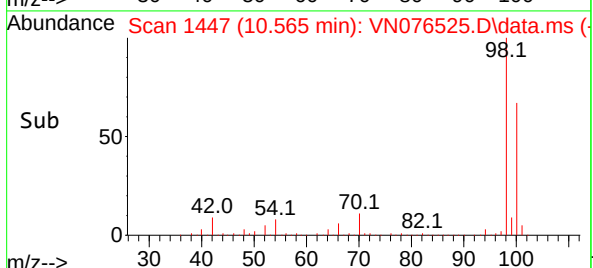
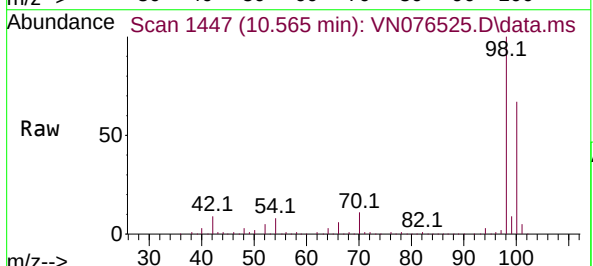
Acq: 03 Feb 2023 11:42

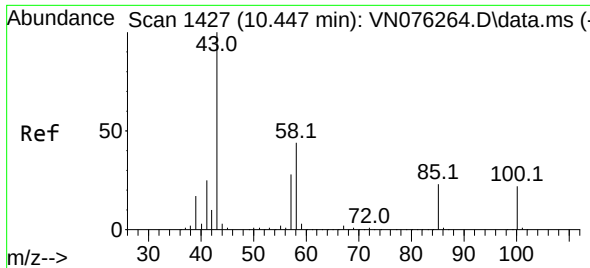
Tgt Ion: 98 Resp: 1072722

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.4





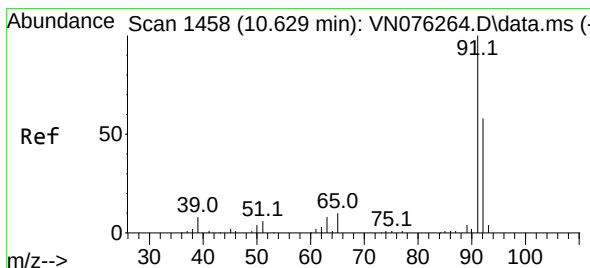
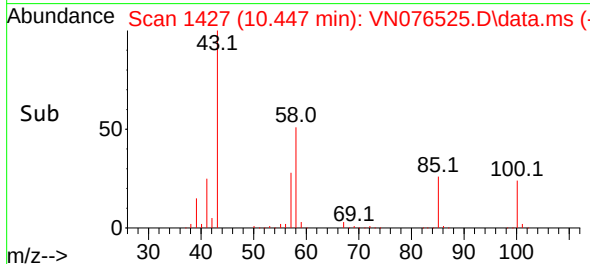
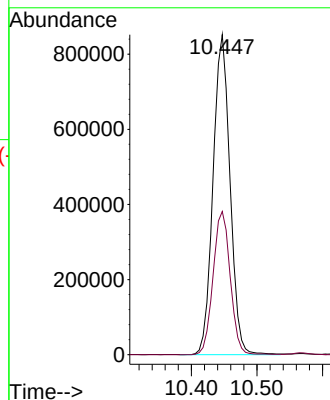
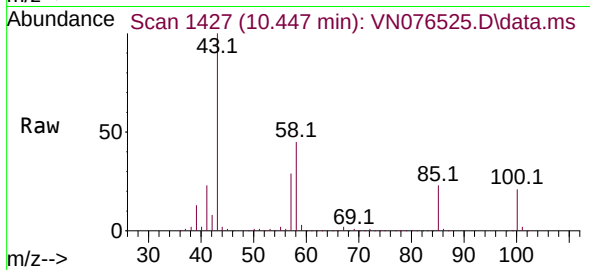
#51
4-Methyl-2-Pentanone
Concen: 254.188 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 152919
Ion Ratio Lower Upper
43 100
58 45.3 35.1 52.7

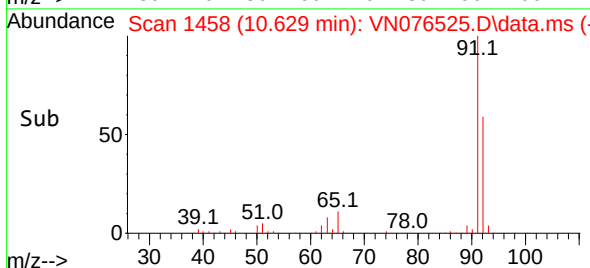
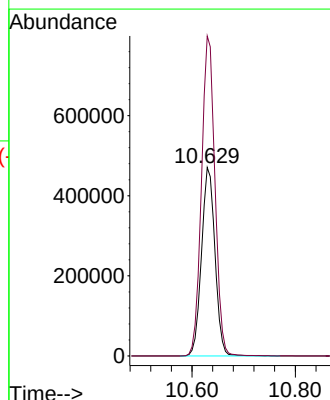
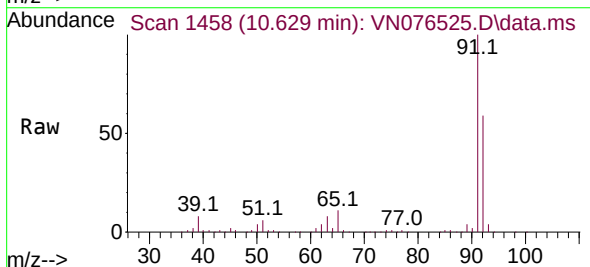
Manual Integrations
APPROVED

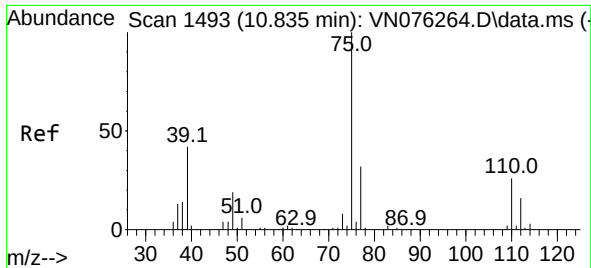
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#52
Toluene
Concen: 54.119 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

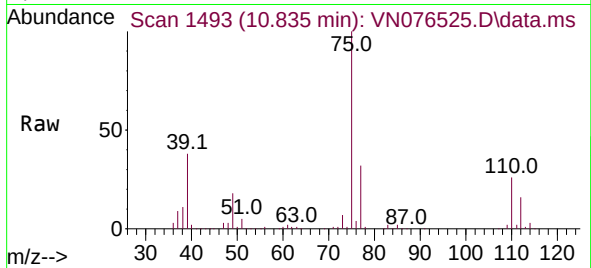
Tgt Ion: 92 Resp: 849918
Ion Ratio Lower Upper
92 100
91 170.2 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 61.994 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

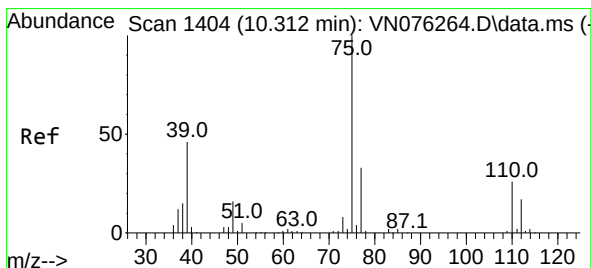
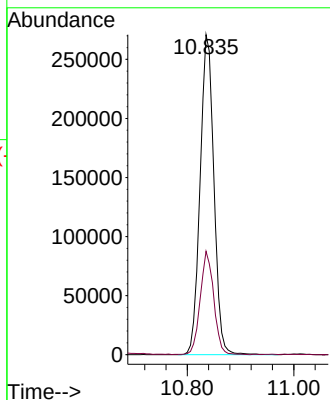
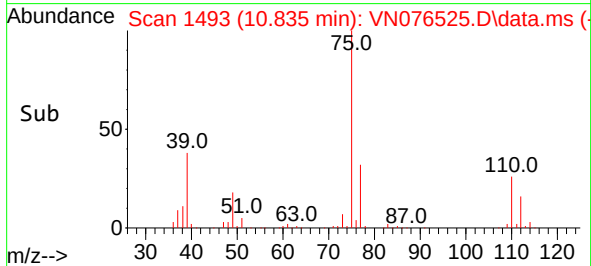
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 486583
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6

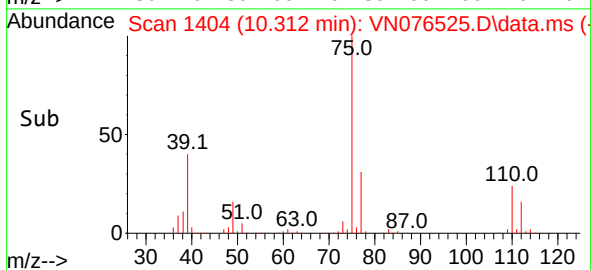
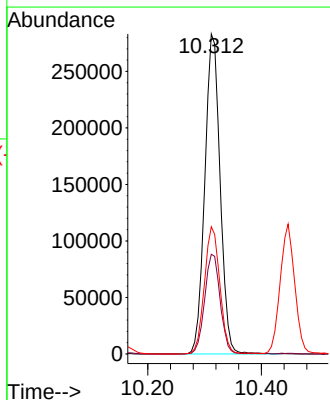
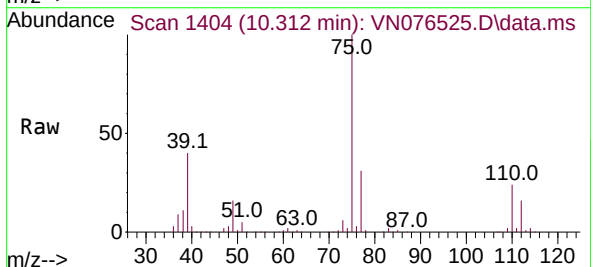
Manual Integrations
APPROVED

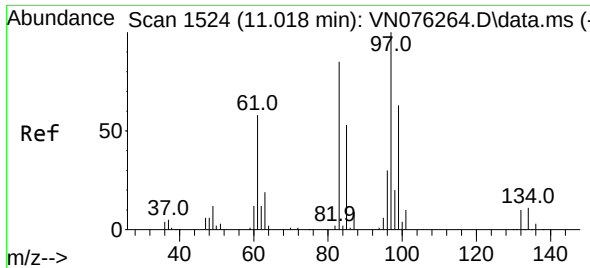
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#54
cis-1,3-Dichloropropene
Concen: 58.455 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

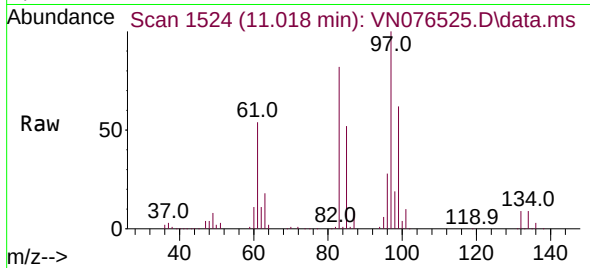
Tgt Ion: 75 Resp: 527843
Ion Ratio Lower Upper
75 100
77 31.1 26.5 39.7
39 39.7 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 52.881 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

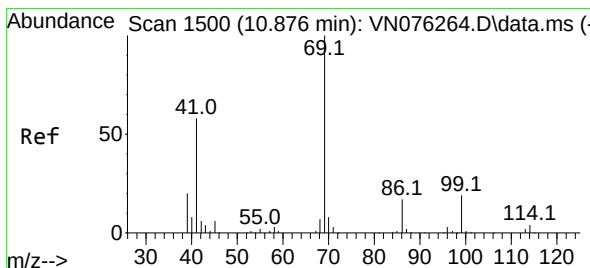
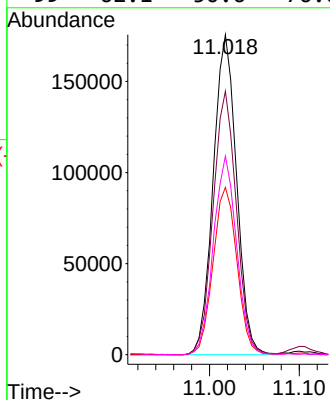
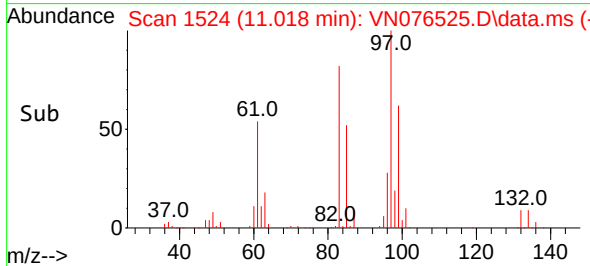
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 317440
Ion Ratio Lower Upper
97 100
83 82.4 67.8 101.6
85 52.3 42.3 63.5
99 62.1 50.6 76.0

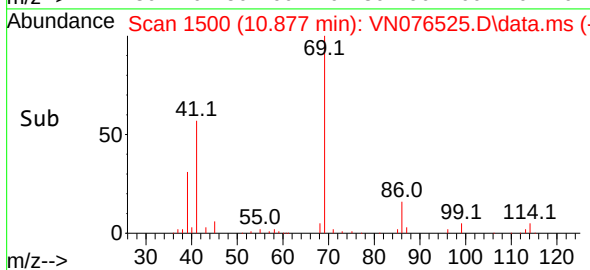
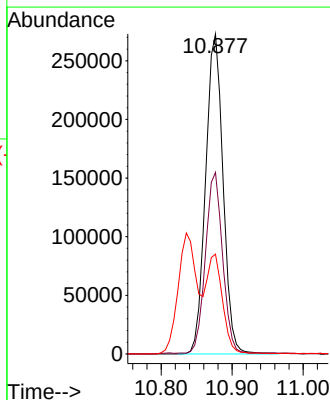
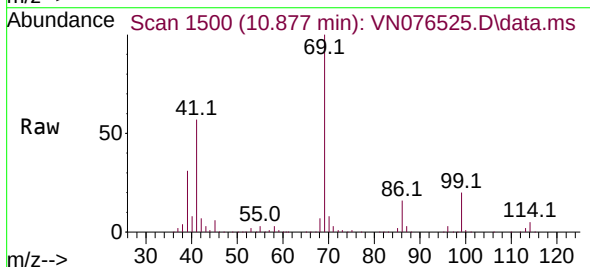
Manual Integrations
APPROVED

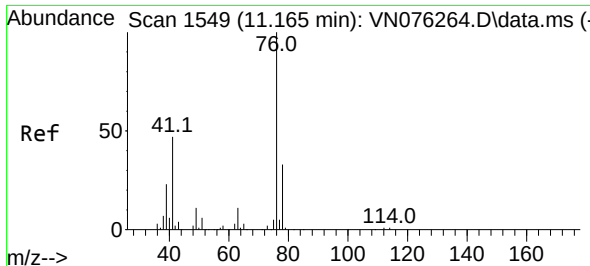
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#56
Ethyl methacrylate
Concen: 60.185 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.001 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

Tgt Ion: 69 Resp: 466426
Ion Ratio Lower Upper
69 100
41 55.2 45.3 67.9
39 27.5 29.3 43.9#





#57

1,3-Dichloropropane

Concen: 53.969 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076525.D

Acq: 03 Feb 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 526478

Ion Ratio Lower Upper

76 100

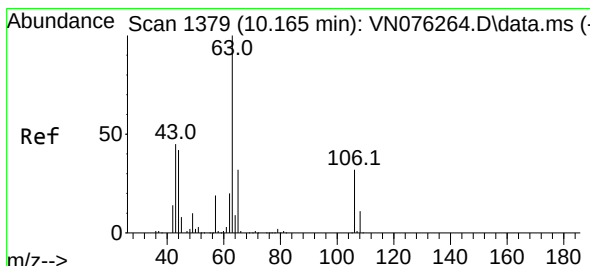
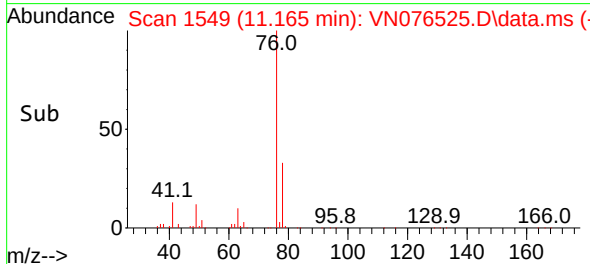
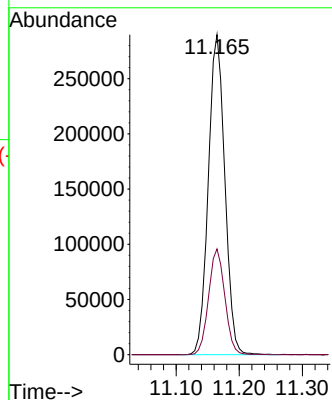
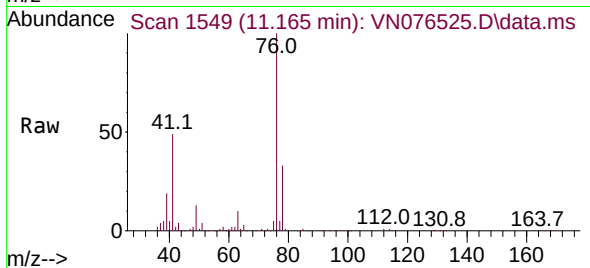
78 32.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 263.715 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN076525.D

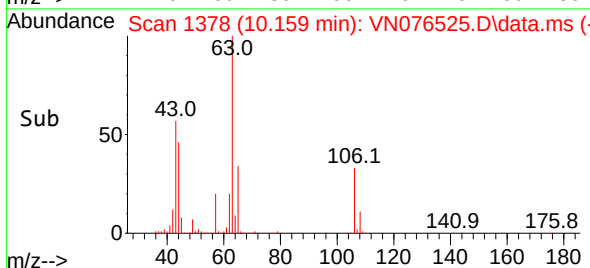
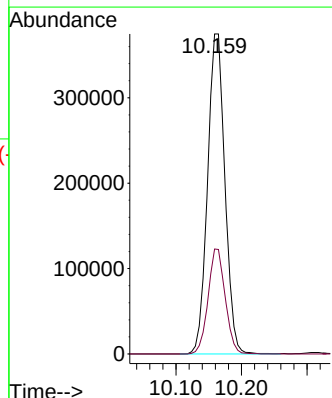
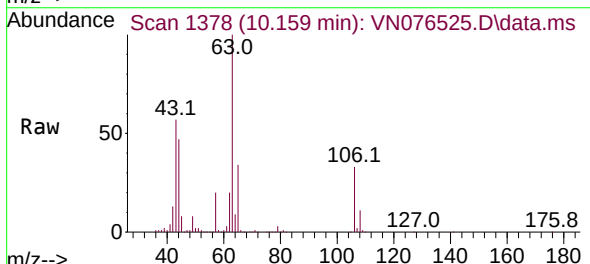
Acq: 03 Feb 2023 11:42

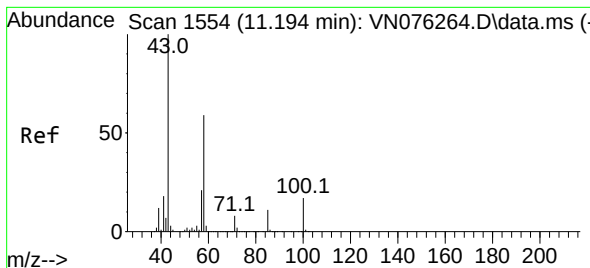
Tgt Ion: 63 Resp: 689959

Ion Ratio Lower Upper

63 100

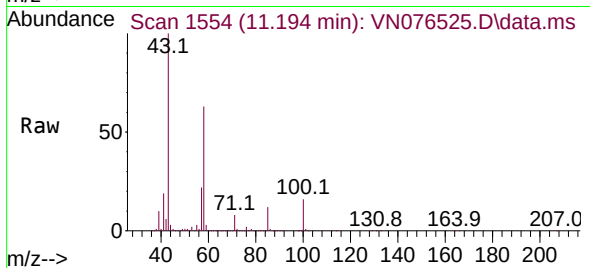
106 32.3 26.2 39.2





#59
2-Hexanone
Concen: 263.277 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

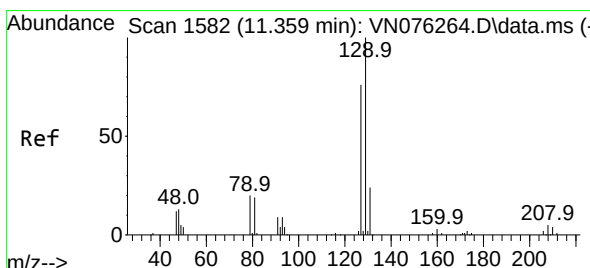
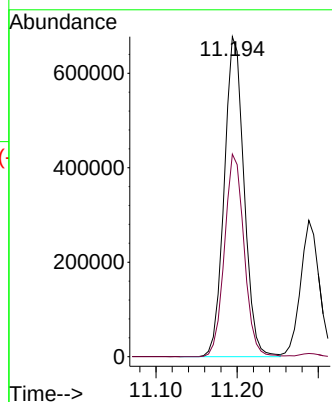
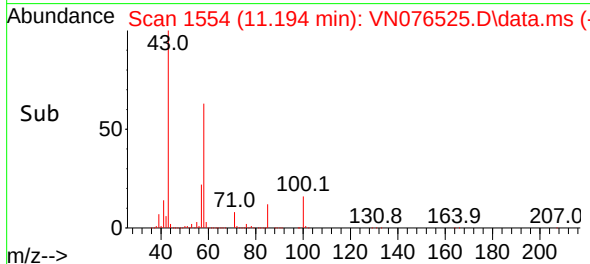
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



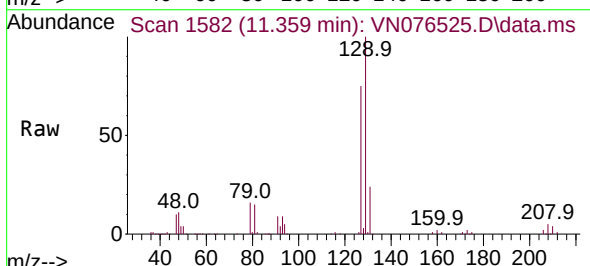
Tgt Ion: 43 Resp: 114776
Ion Ratio Lower Upper
43 100
58 62.7 30.1 90.3

Manual Integrations
APPROVED

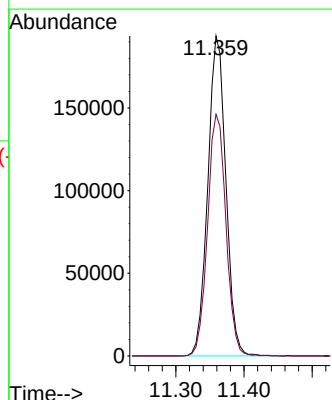
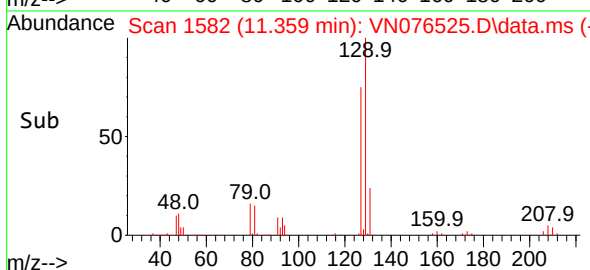
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

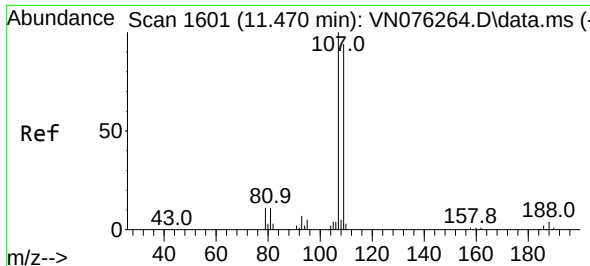


#60
Dibromochloromethane
Concen: 56.420 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42



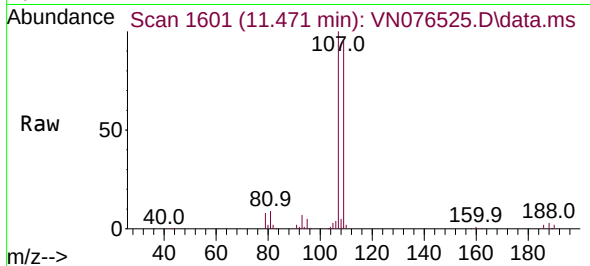
Tgt Ion:129 Resp: 356527
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1





#61
1,2-Dibromoethane
Concen: 54.473 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

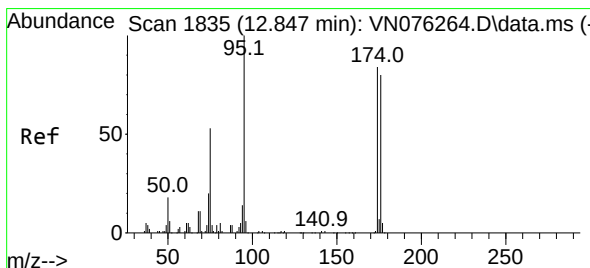
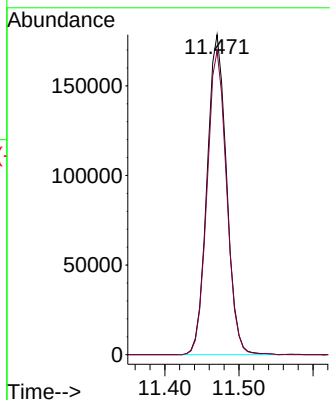
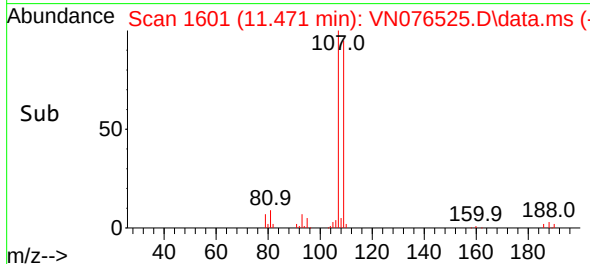
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 326390
Ion Ratio Lower Upper
107 100
109 95.1 76.0 114.0

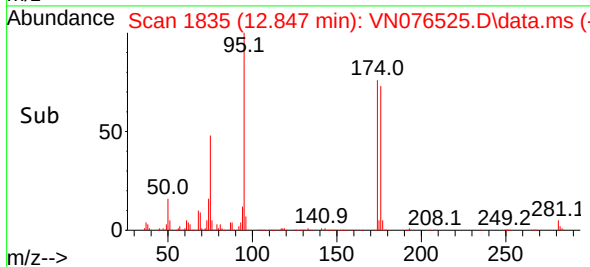
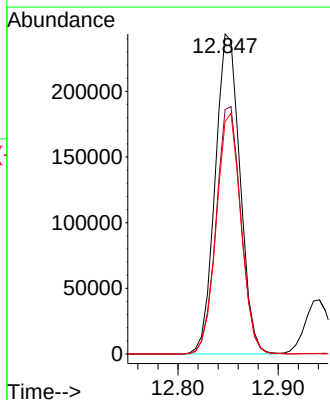
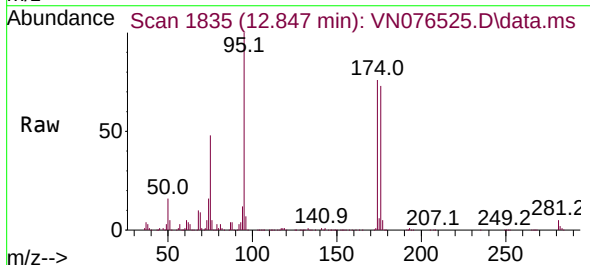
Manual Integrations
APPROVED

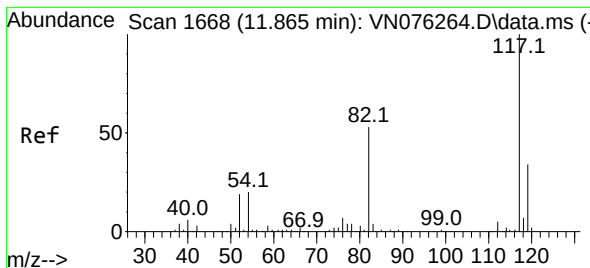
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#62
4-Bromofluorobenzene
Concen: 62.921 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

Tgt Ion: 95 Resp: 419285
Ion Ratio Lower Upper
95 100
174 77.2 0.0 174.6
176 74.4 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076525.D

Acq: 03 Feb 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 813572

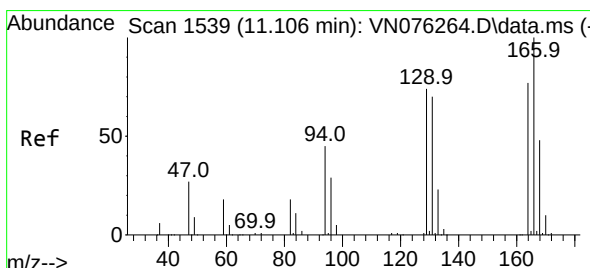
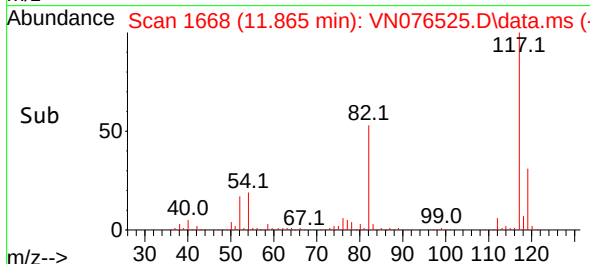
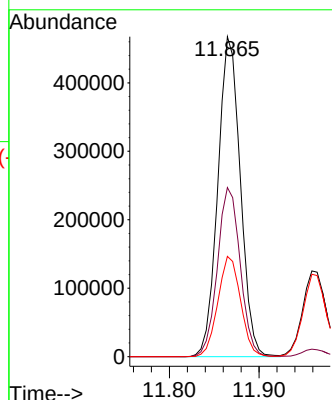
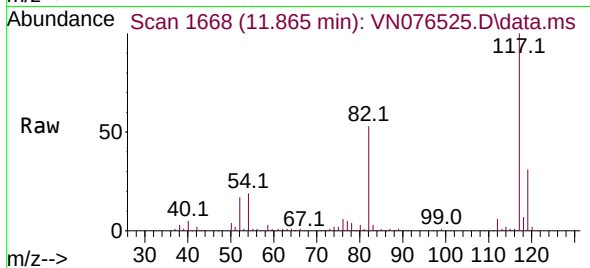
Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.2	63.2
119	31.4	26.9	40.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#64

Tetrachloroethene

Concen: 47.381 ug/l

RT: 11.106 min Scan# 1539

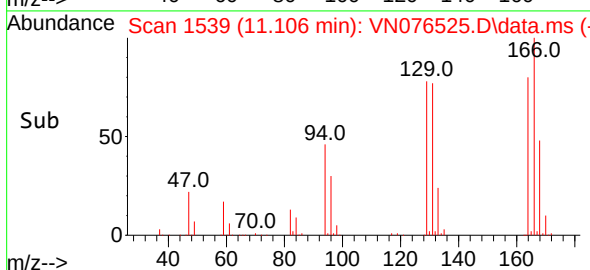
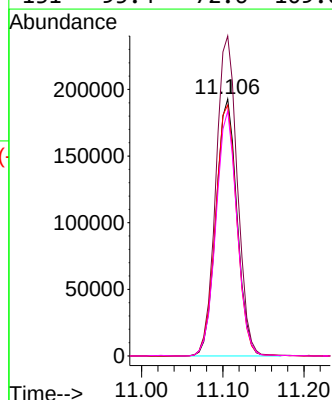
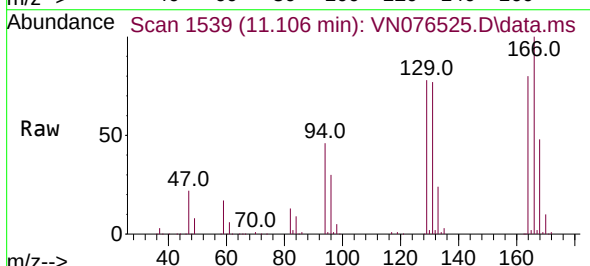
Delta R.T. -0.000 min

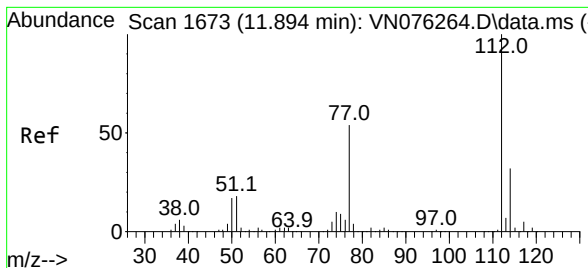
Lab File: VN076525.D

Acq: 03 Feb 2023 11:42

Tgt Ion:164 Resp: 347630

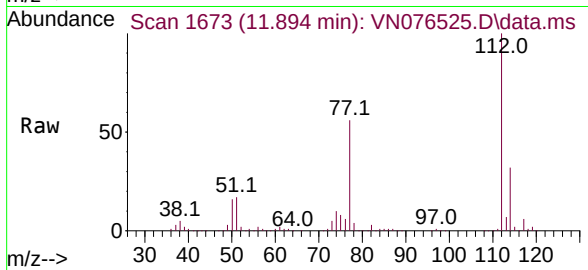
Ion	Ratio	Lower	Upper
164	100		
166	124.6	104.0	156.0
129	97.6	76.6	114.8
131	95.4	72.6	109.0





#65
Chlorobenzene
Concen: 52.375 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

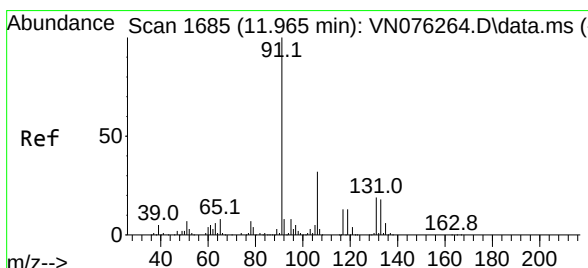
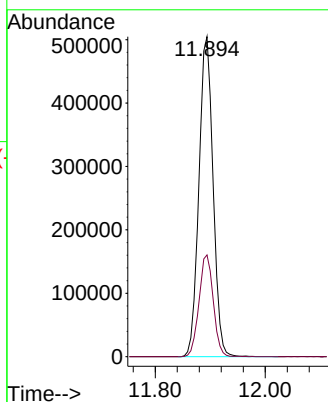
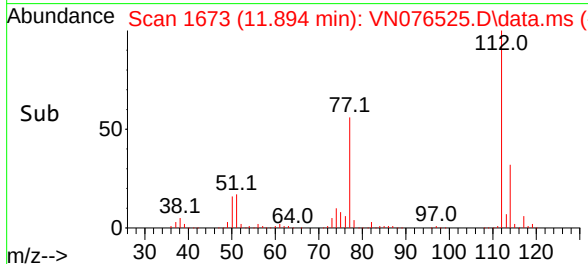
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



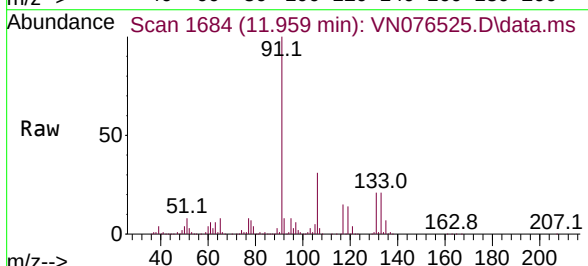
Tgt Ion:112 Resp: 900740
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9

Manual Integrations
APPROVED

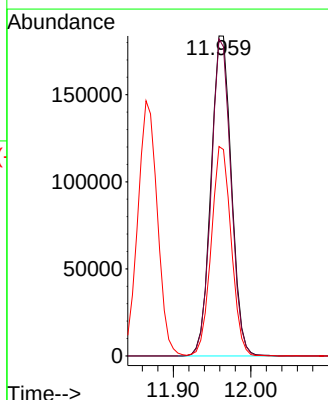
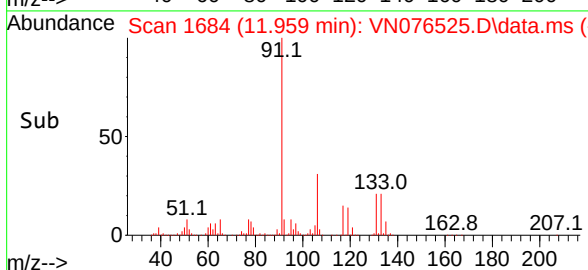
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

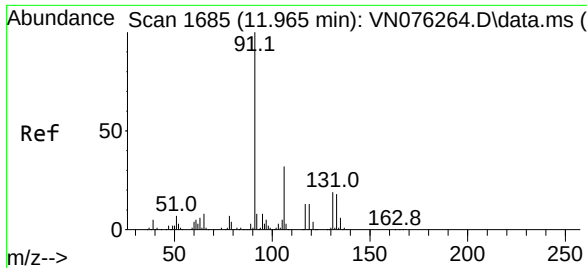


#66
1,1,1,2-Tetrachloroethane
Concen: 52.541 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42



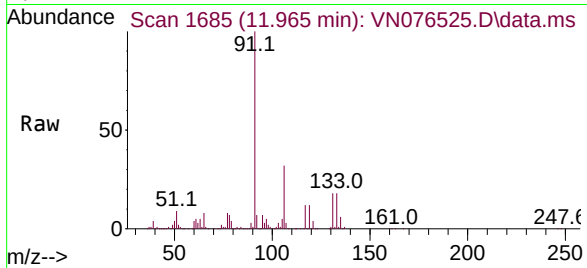
Tgt Ion:131 Resp: 336193
Ion Ratio Lower Upper
131 100
133 96.3 47.4 142.2
119 64.1 32.3 96.8





#67
Ethyl Benzene
Concen: 56.618 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

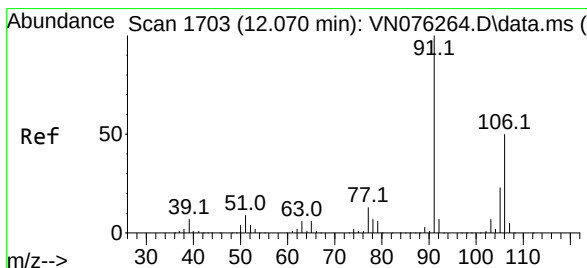
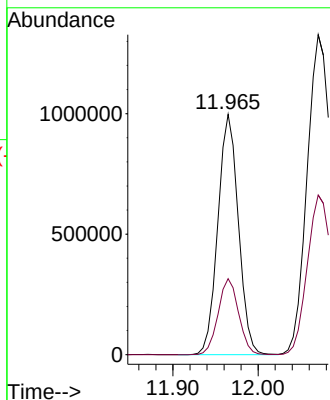
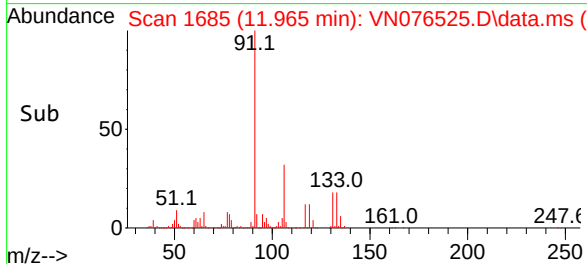
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



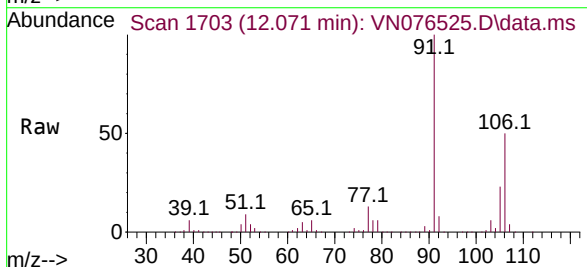
Tgt Ion: 91 Resp: 1666470
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3

Manual Integrations
APPROVED

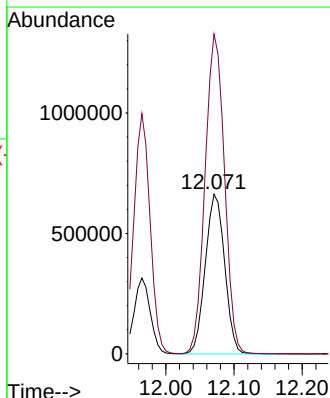
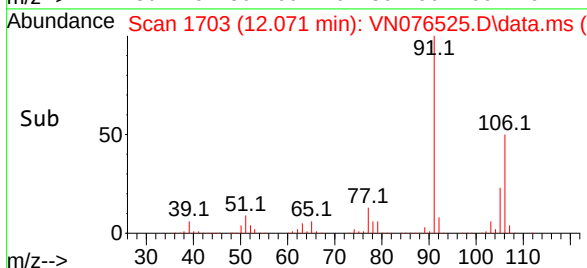
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

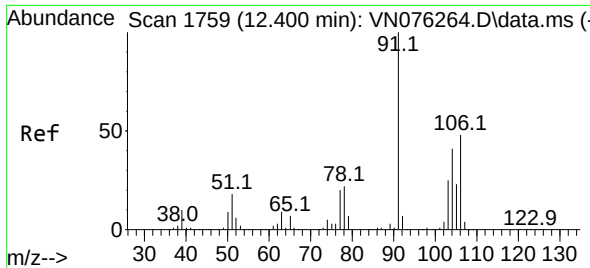


#68
m/p-Xylenes
Concen: 111.083 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42



Tgt Ion:106 Resp: 1311060
Ion Ratio Lower Upper
106 100
91 200.5 157.5 236.3





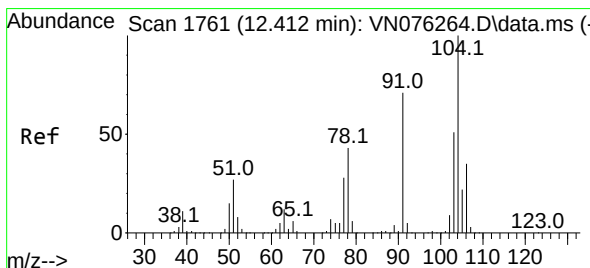
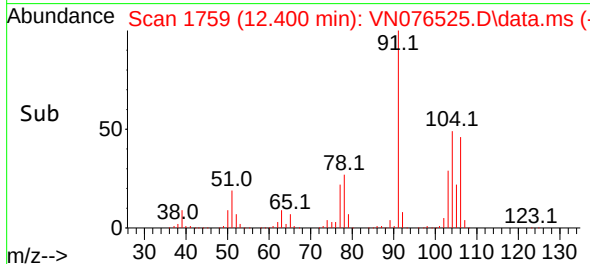
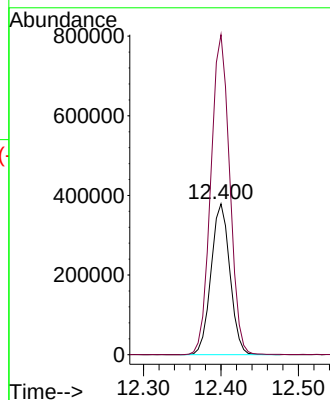
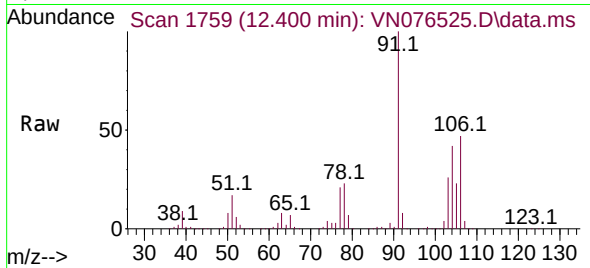
#69
o-Xylene
Concen: 55.218 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 640012
Ion Ratio Lower Upper
106 100
91 212.8 103.2 309.4

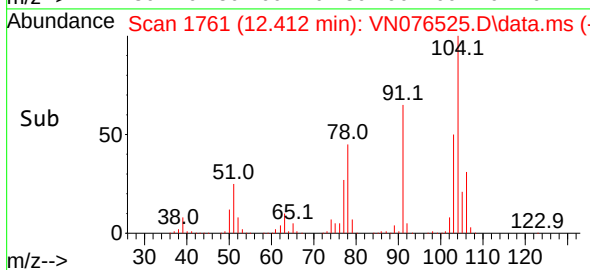
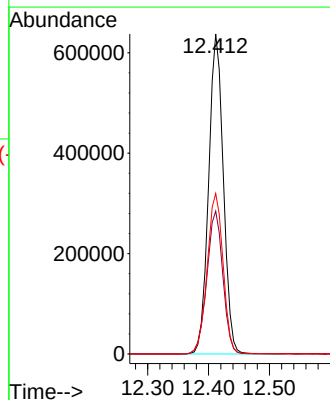
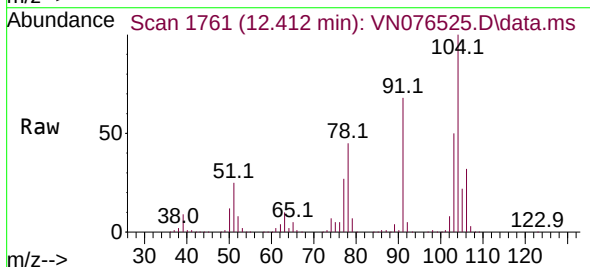
Manual Integrations
APPROVED

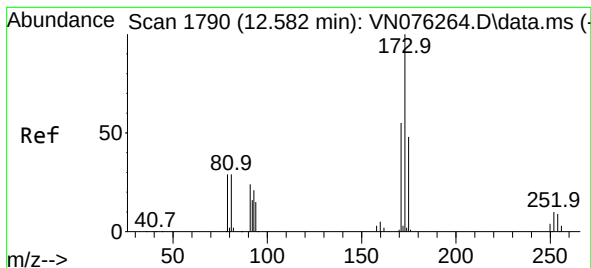
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#70
Styrene
Concen: 57.859 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

Tgt Ion:104 Resp: 1070784
Ion Ratio Lower Upper
104 100
78 48.4 37.4 56.0
103 54.0 44.2 66.2





#71

Bromoform

Concen: 53.820 ug/l

RT: 12.576 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VN076525.D

Acq: 03 Feb 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

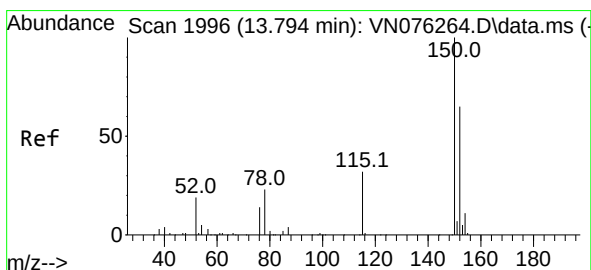
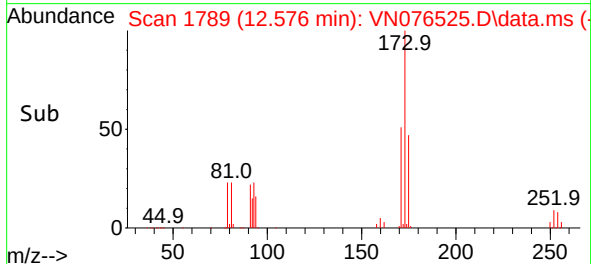
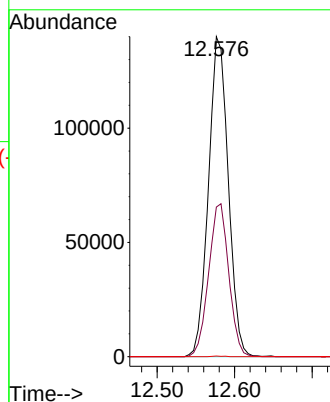
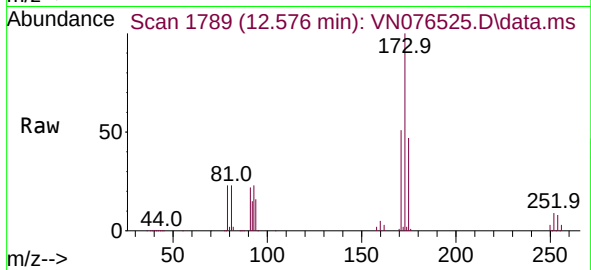
Tgt Ion:173	Resp: 24870
Ion Ratio	Lower Upper
173 100	
175 48.6	24.1 72.4
254 0.1	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

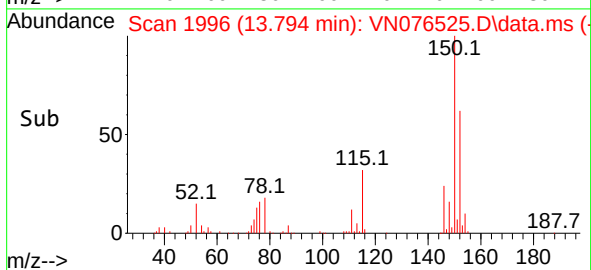
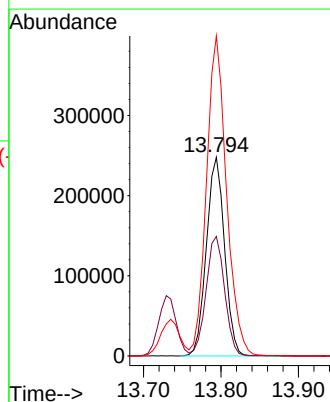
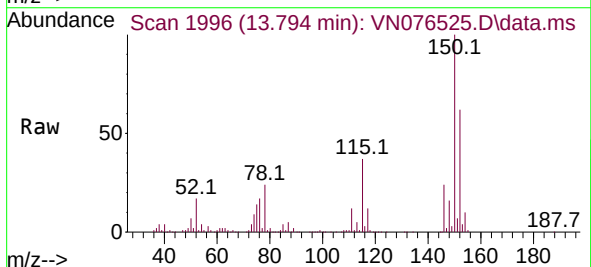
RT: 13.794 min Scan# 1996

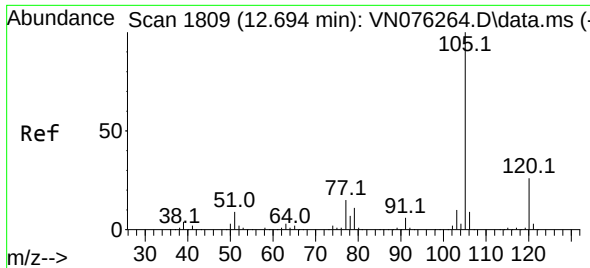
Delta R.T. -0.000 min

Lab File: VN076525.D

Acq: 03 Feb 2023 11:42

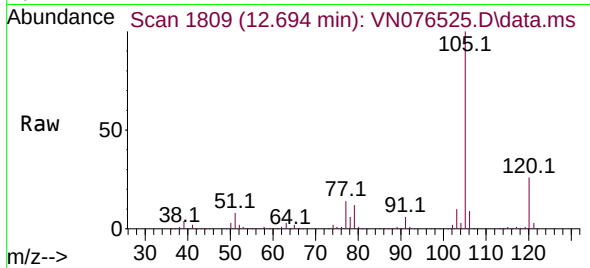
Tgt Ion:152	Resp: 405499
Ion Ratio	Lower Upper
152 100	
115 61.2	29.6 88.9
150 176.6	0.0 351.4





#73
Isopropylbenzene
Concen: 54.117 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

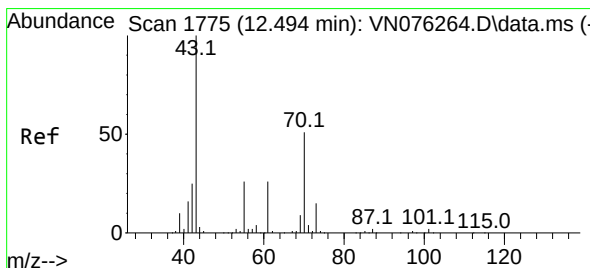
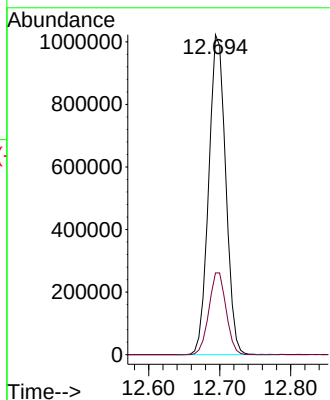
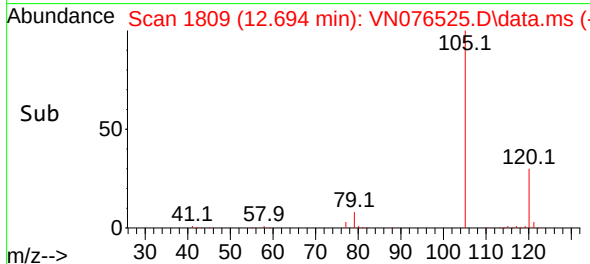
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



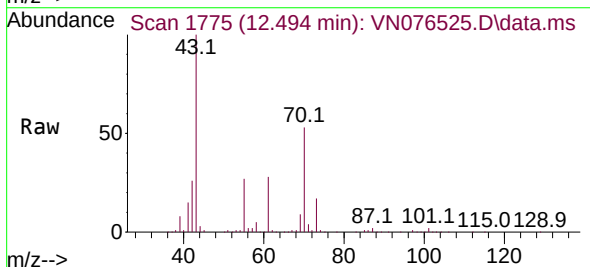
Tgt Ion:105 Resp: 1697618
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

Manual Integrations
APPROVED

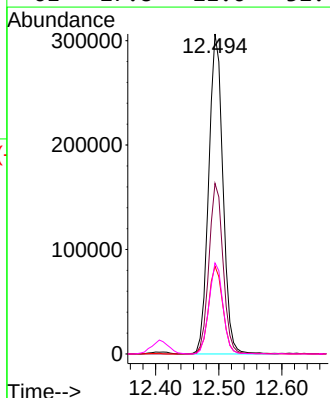
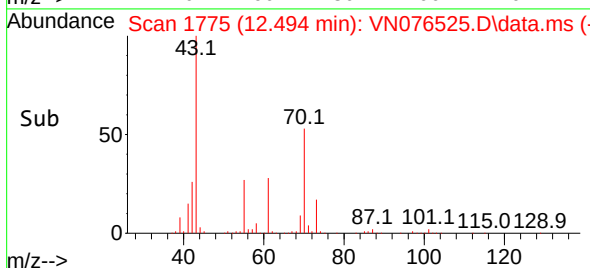
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

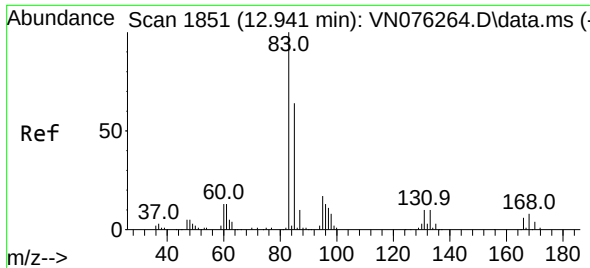


#74
N-ethyl acetate
Concen: 53.065 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42



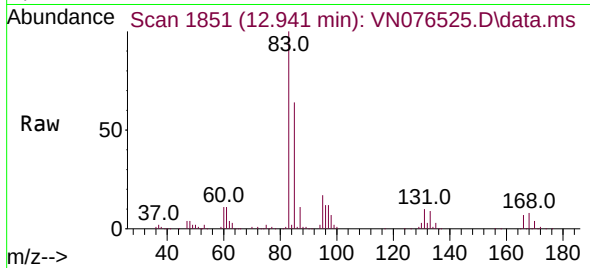
Tgt Ion: 43 Resp: 478823
Ion Ratio Lower Upper
43 100
70 52.9 41.2 61.8
55 27.6 21.0 31.6
61 27.8 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 46.920 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

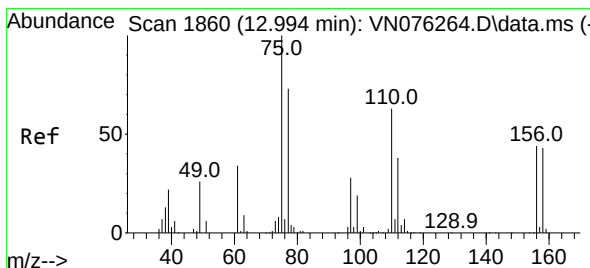
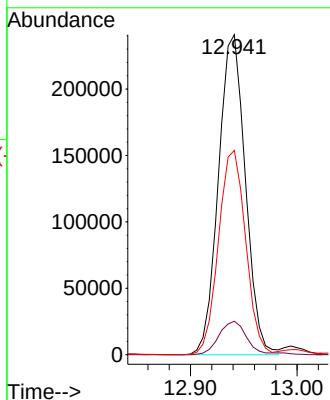
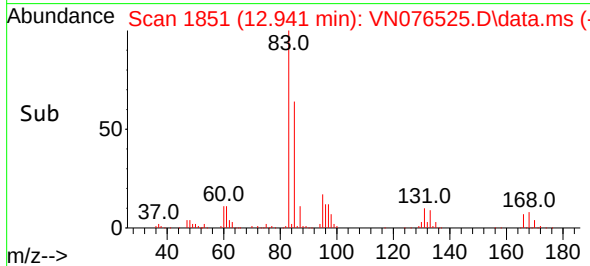
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



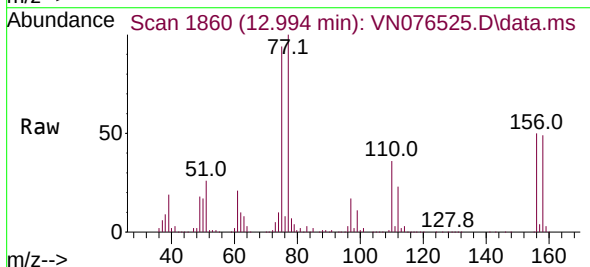
Tgt Ion: 83 Resp: 42312
Ion Ratio Lower Upper
83 100
131 10.9 5.5 16.4
85 64.4 31.7 95.1

Manual Integrations
APPROVED

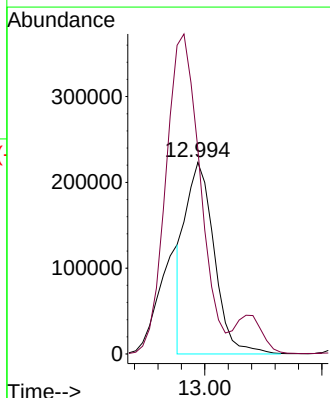
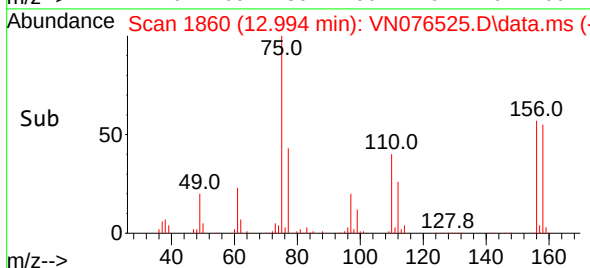
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

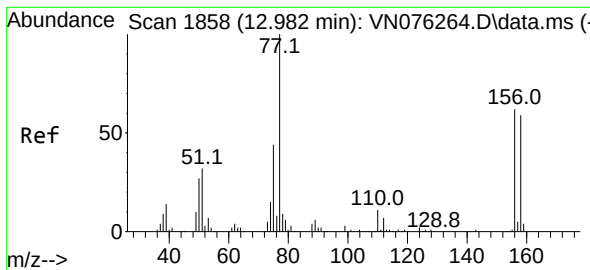


#76
1,2,3-Trichloropropane
Concen: 51.748 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42



Tgt Ion: 75 Resp: 382025
Ion Ratio Lower Upper
75 100
77 197.5 75.2 225.6





#77

Bromobenzene

Concen: 52.512 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076525.D

Acq: 03 Feb 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

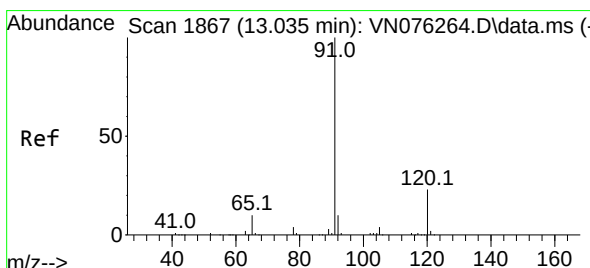
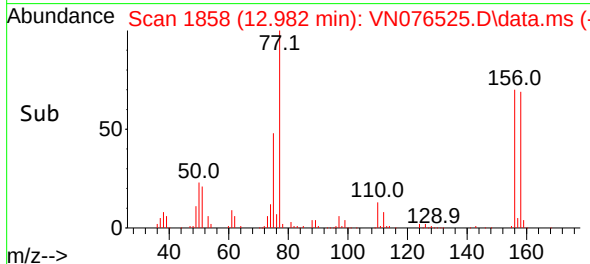
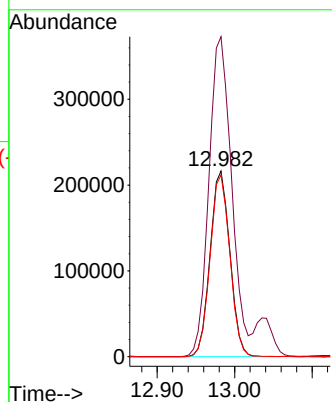
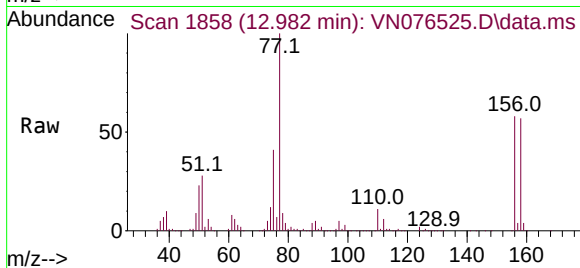
Tgt Ion:	156	Resp:	384920
Ion Ratio	Lower	Upper	
156	100		
77	196.0	93.4	280.2
158	97.2	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#78

n-propylbenzene

Concen: 56.168 ug/l

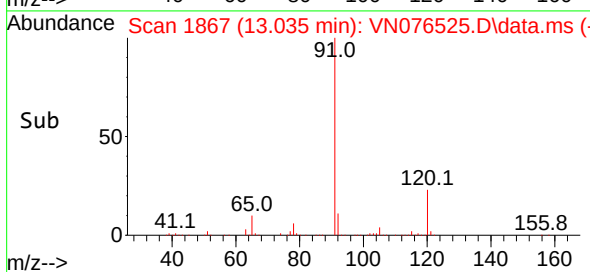
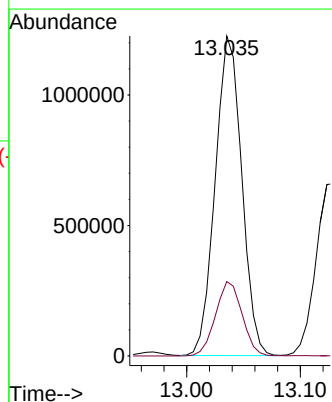
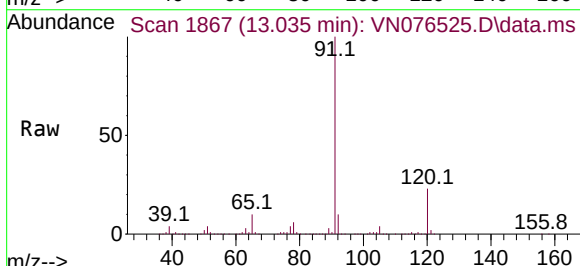
RT: 13.035 min Scan# 1867

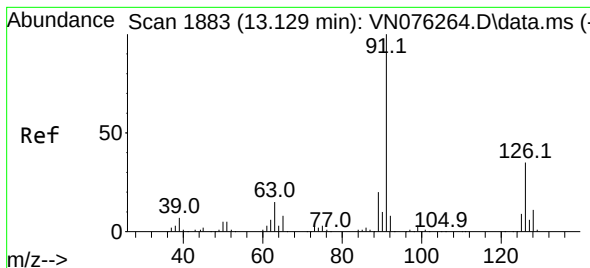
Delta R.T. 0.000 min

Lab File: VN076525.D

Acq: 03 Feb 2023 11:42

Tgt Ion:	91	Resp:	1988098
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.9	35.5





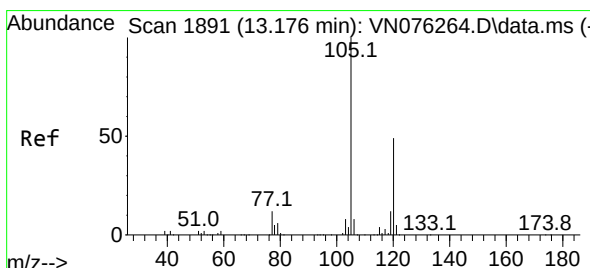
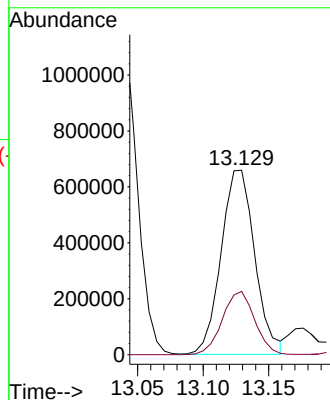
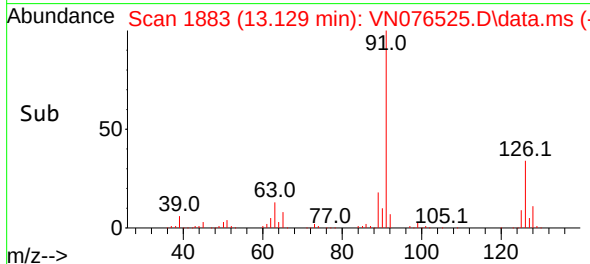
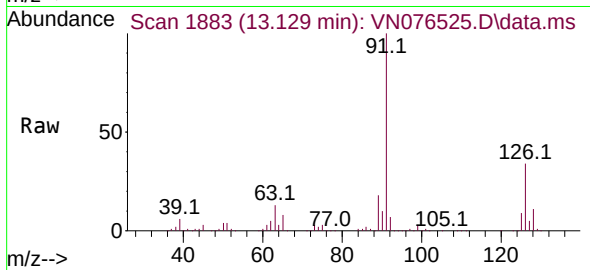
#79
2-Chlorotoluene
Concen: 54.224 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1177730
Ion Ratio Lower Upper
91 100
126 33.1 17.4 52.2

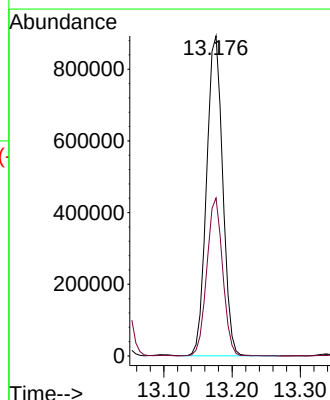
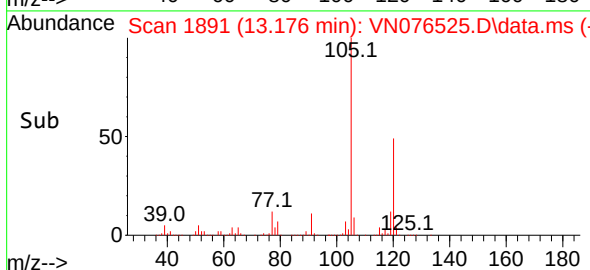
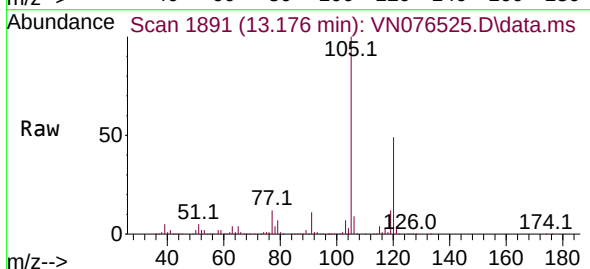
Manual Integrations
APPROVED

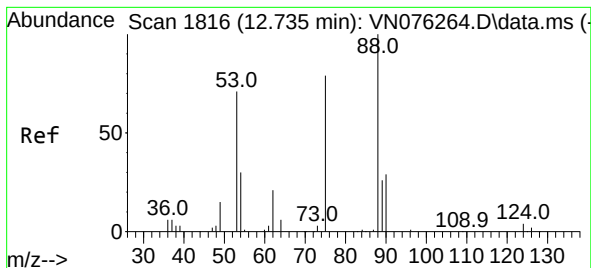
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 55.845 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

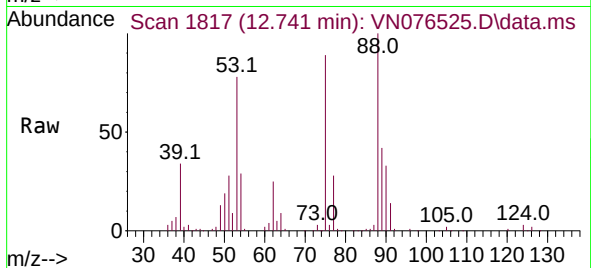
Tgt Ion:105 Resp: 1467602
Ion Ratio Lower Upper
105 100
120 48.8 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 56.001 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

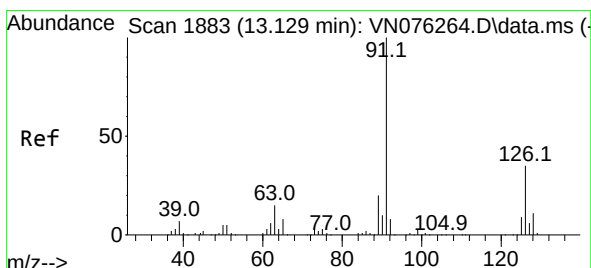
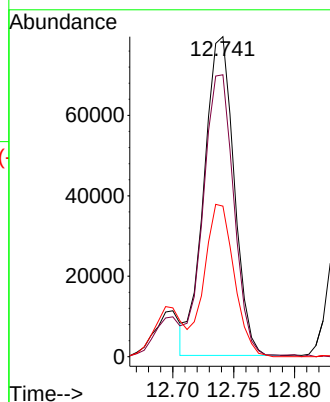
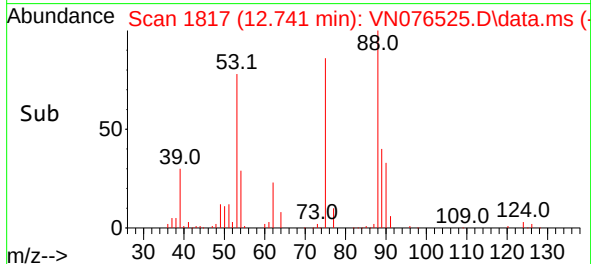
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 136483
Ion Ratio Lower Upper
75 100
53 91.0 75.8 113.8
89 47.3 37.0 55.6

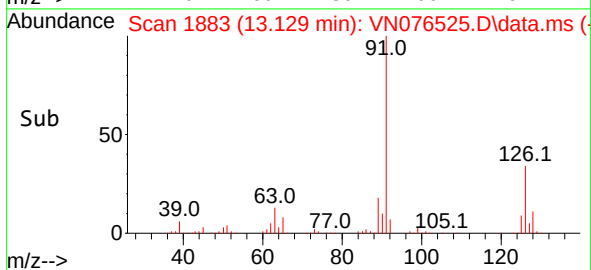
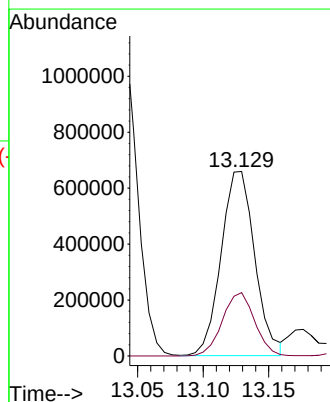
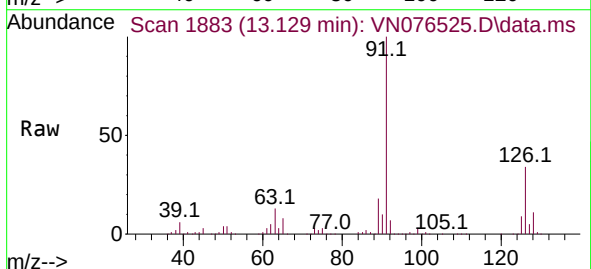
Manual Integrations
APPROVED

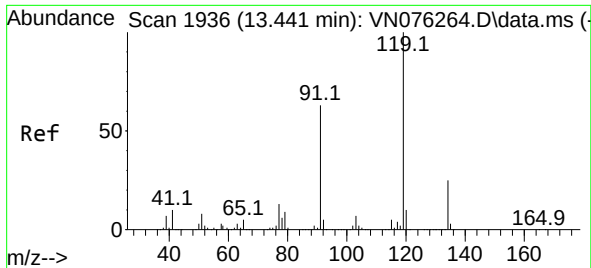
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#82
4-Chlorotoluene
Concen: 54.224 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

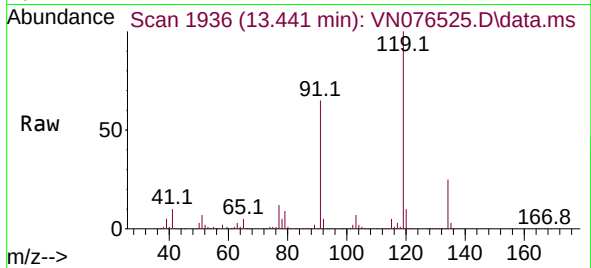
Tgt Ion: 91 Resp: 1177736
Ion Ratio Lower Upper
91 100
126 33.1 17.4 52.2





#83
tert-Butylbenzene
Concen: 54.653 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

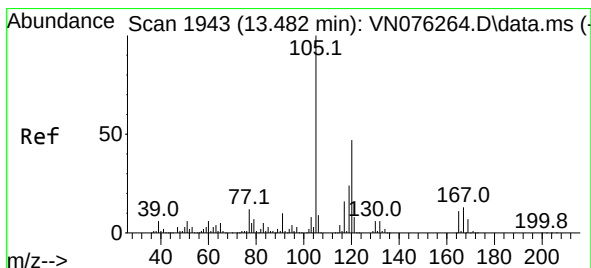
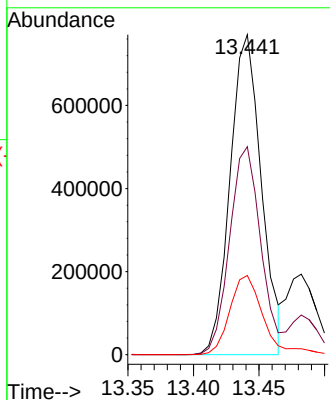
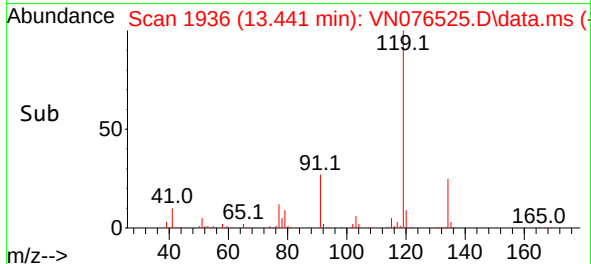
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 127744
Ion Ratio Lower Upper
119 100
91 65.9 32.2 96.6
134 26.6 13.6 40.8

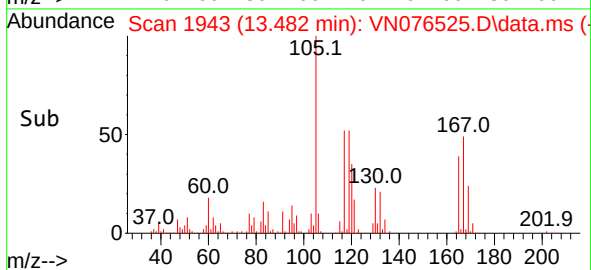
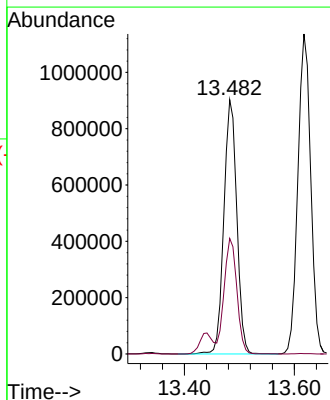
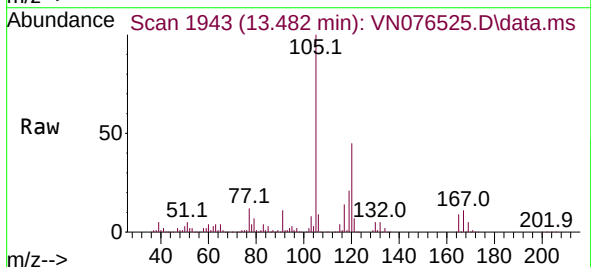
Manual Integrations
APPROVED

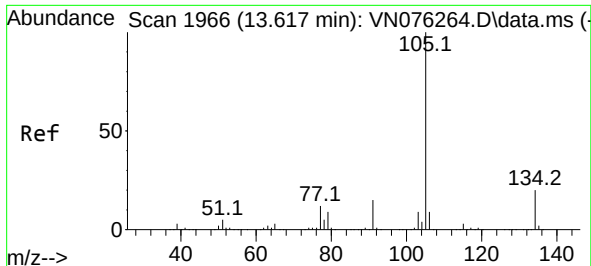
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 55.932 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

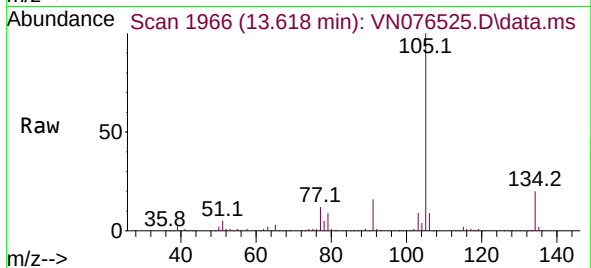
Tgt Ion:105 Resp: 1473912
Ion Ratio Lower Upper
105 100
120 44.4 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 56.613 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076525.D
 Acq: 03 Feb 2023 11:42

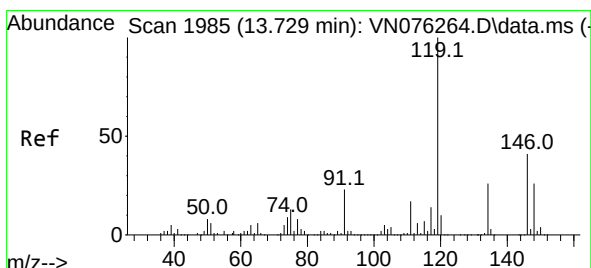
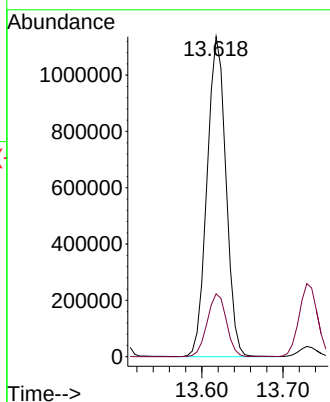
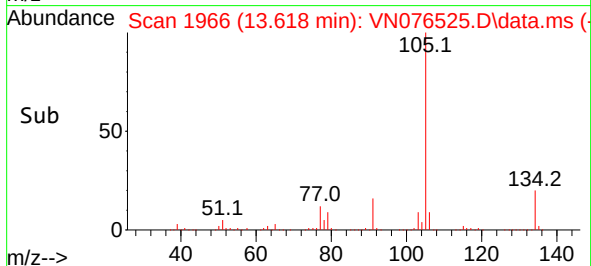
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



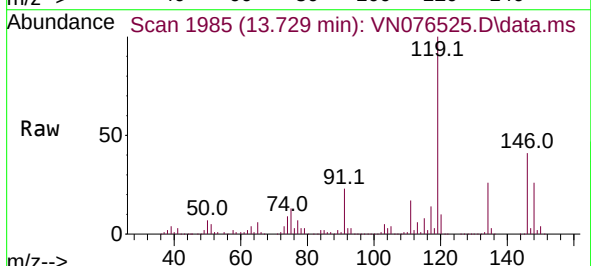
Tgt Ion:105 Resp: 1836138
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.3 30.8

Manual Integrations
 APPROVED

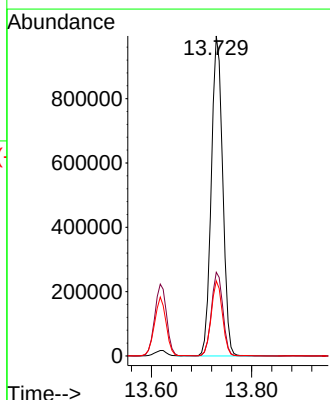
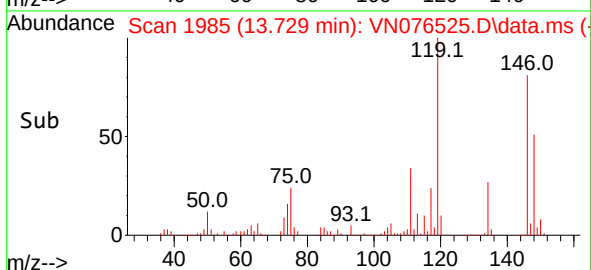
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023

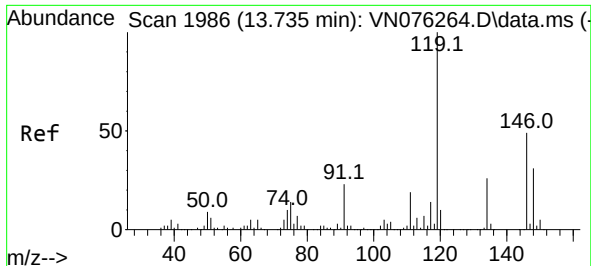


#86
 p-Isopropyltoluene
 Concen: 58.724 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076525.D
 Acq: 03 Feb 2023 11:42



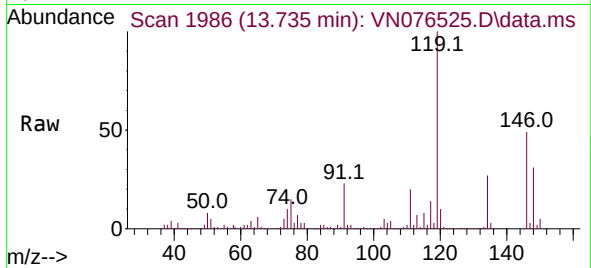
Tgt Ion:119 Resp: 1566191
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.6
 91 23.0 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 51.002 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

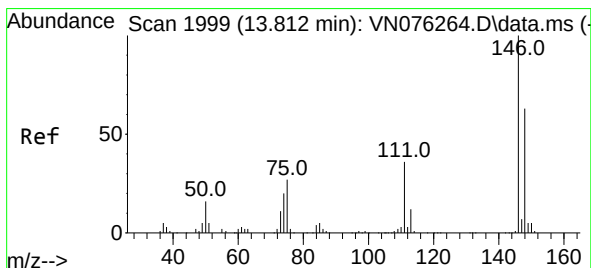
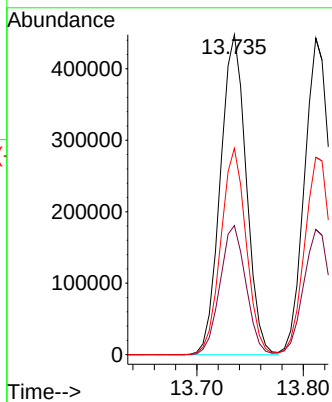
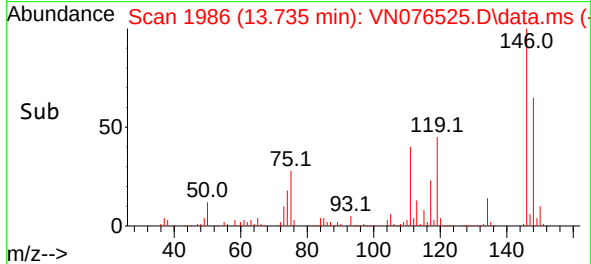
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



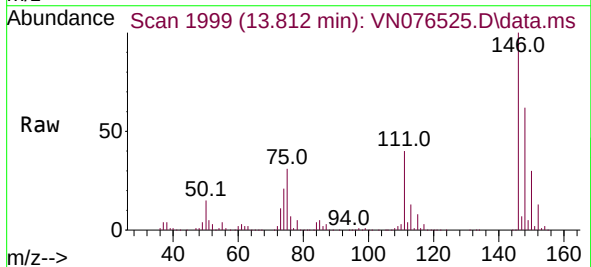
Tgt Ion:146 Resp: 754089
Ion Ratio Lower Upper
146 100
111 40.4 19.9 59.7
148 63.2 31.6 94.8

Manual Integrations
APPROVED

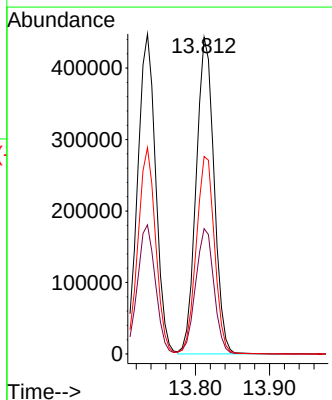
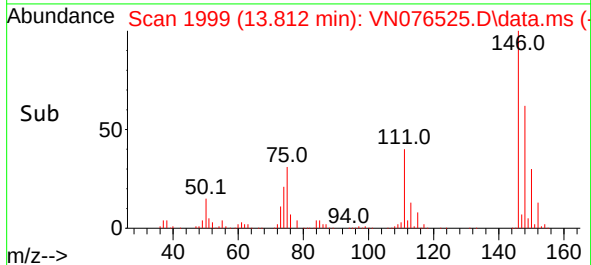
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

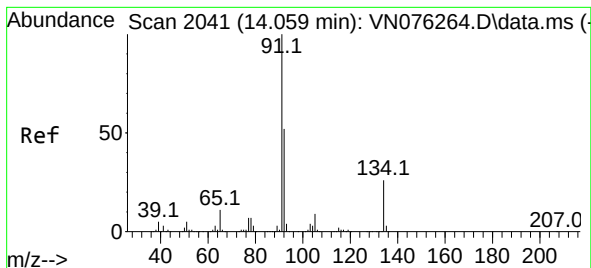


#88
1,4-Dichlorobenzene
Concen: 52.751 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42



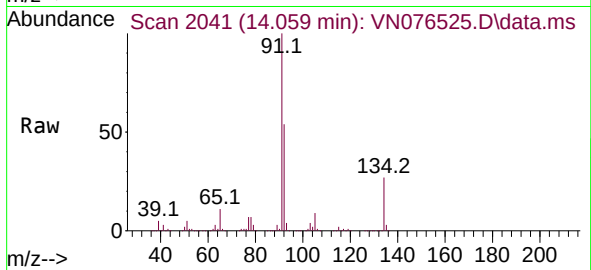
Tgt Ion:146 Resp: 742010
Ion Ratio Lower Upper
146 100
111 40.8 19.1 57.5
148 63.8 31.9 95.9





#89
n-Butylbenzene
Concen: 63.230 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

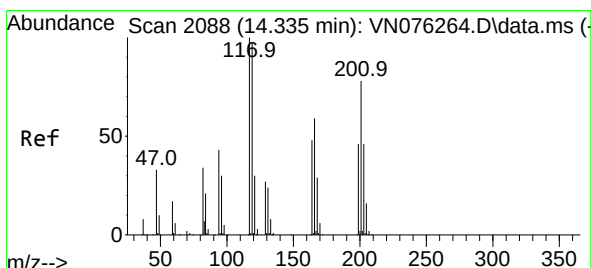
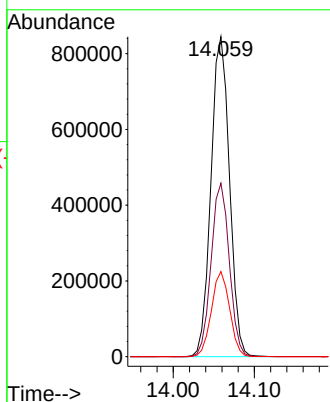
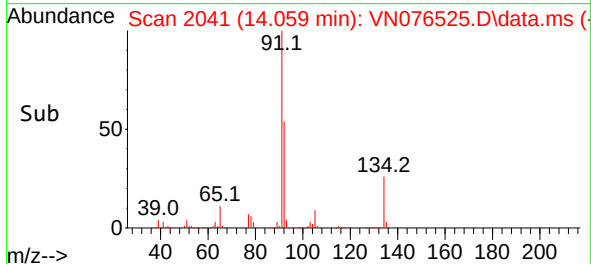
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1338670
Ion Ratio Lower Upper
91 100
92 53.3 26.3 78.9
134 26.2 13.2 39.5

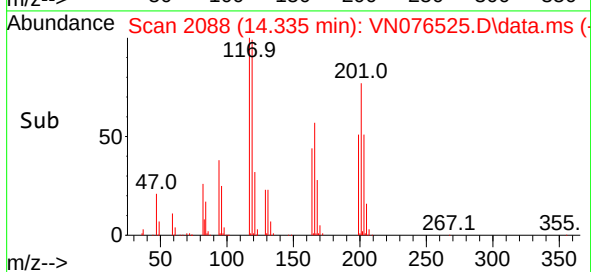
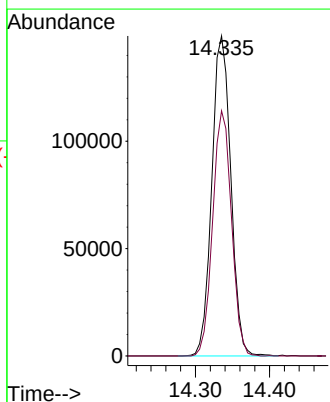
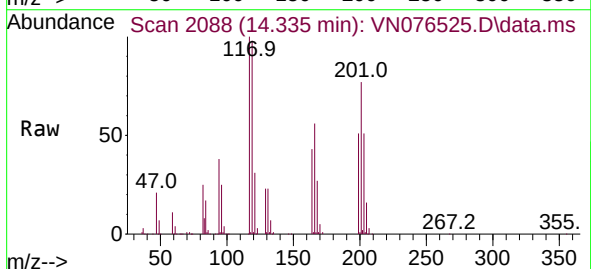
Manual Integrations
APPROVED

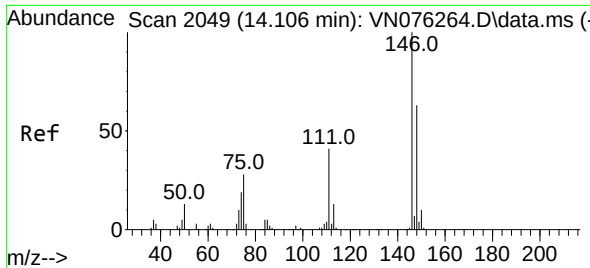
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#90
Hexachloroethane
Concen: 57.647 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

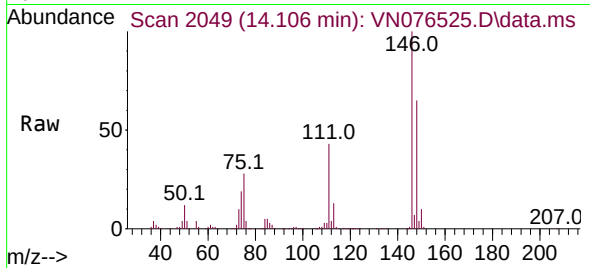
Tgt Ion:117 Resp: 265352
Ion Ratio Lower Upper
117 100
201 75.8 37.3 111.9





#91
1,2-Dichlorobenzene
Concen: 50.647 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

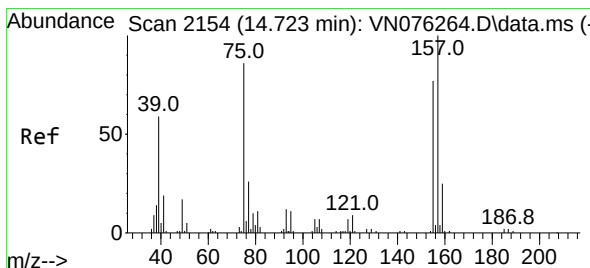
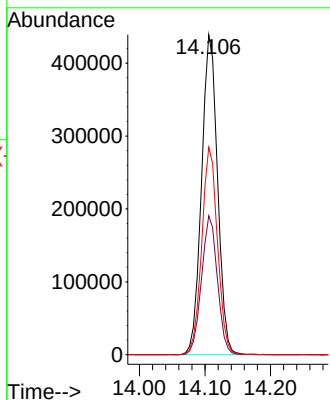
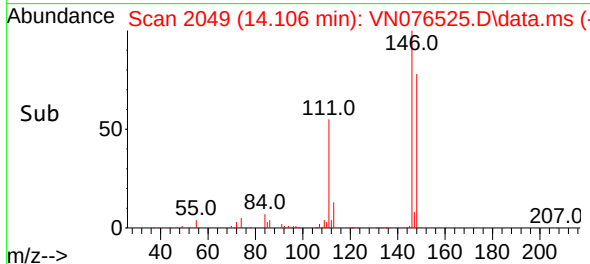
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 74584
Ion Ratio Lower Upper
146 100
111 43.0 20.3 60.8
148 63.9 31.8 95.4

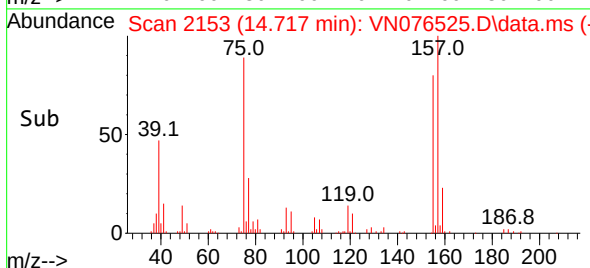
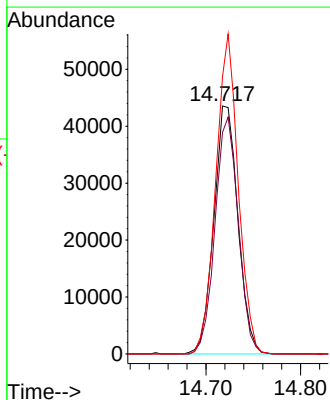
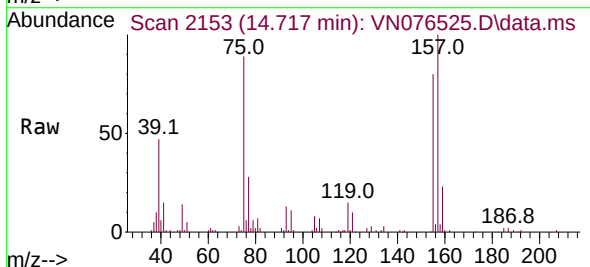
Manual Integrations
APPROVED

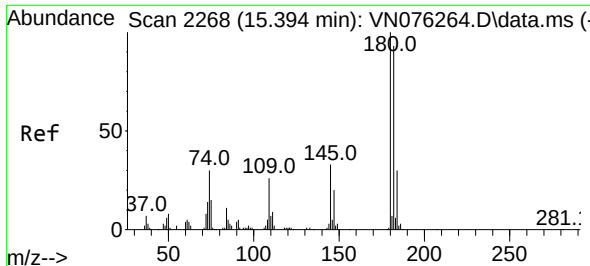
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.116 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

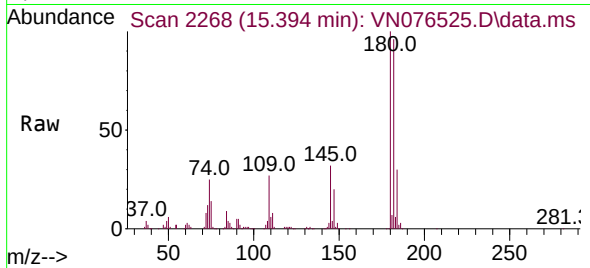
Tgt Ion: 75 Resp: 76991
Ion Ratio Lower Upper
75 100
155 92.2 45.0 135.0
157 120.4 58.3 174.9





#93
1,2,4-Trichlorobenzene
Concen: 55.737 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

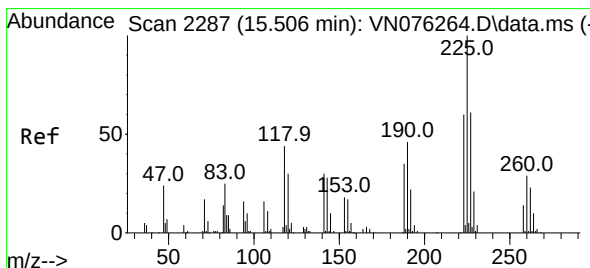
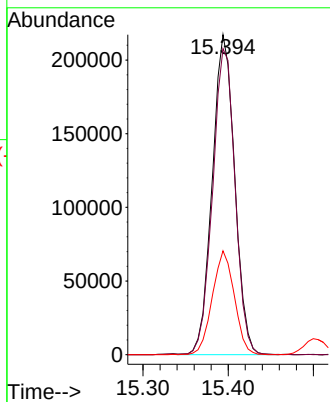
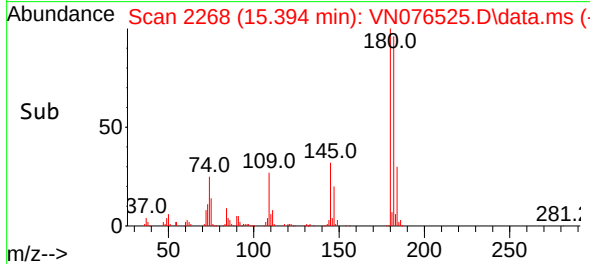
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 397702
Ion Ratio Lower Upper
180 100
182 95.7 47.0 141.2
145 31.9 15.2 45.5

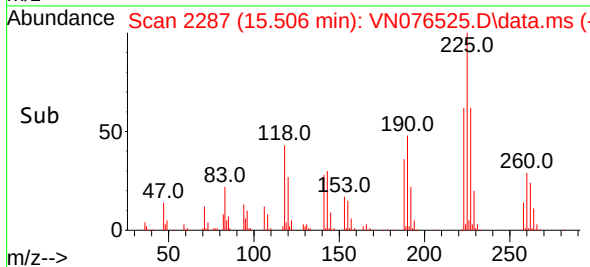
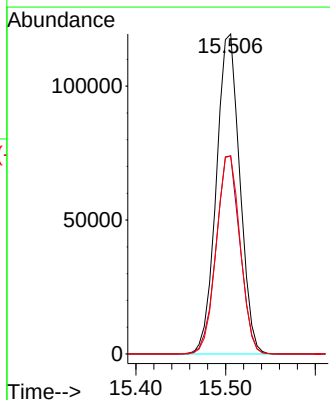
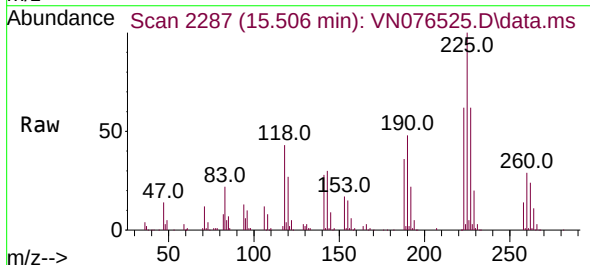
Manual Integrations
APPROVED

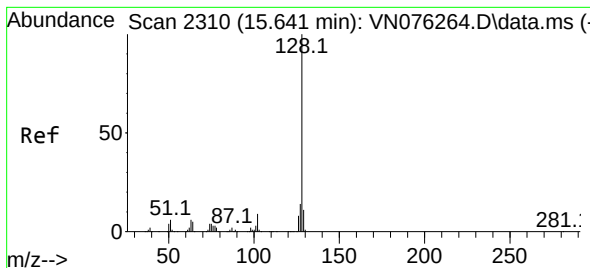
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#94
Hexachlorobutadiene
Concen: 55.582 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

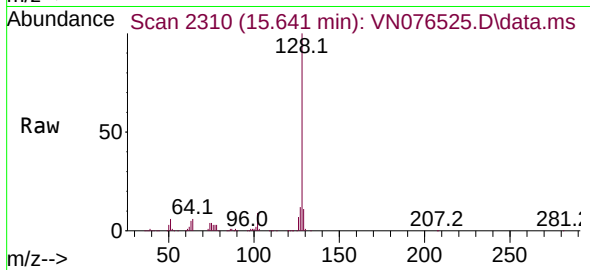
Tgt Ion:225 Resp: 217207
Ion Ratio Lower Upper
225 100
223 62.9 30.8 92.3
227 63.0 30.9 92.8





#95
Naphthalene
Concen: 51.944 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

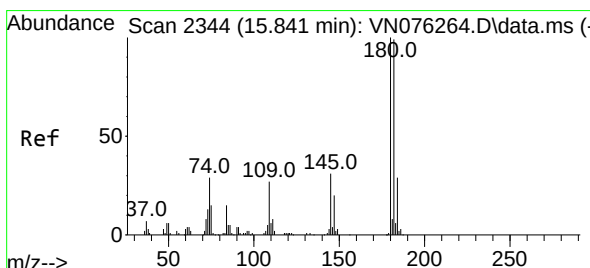
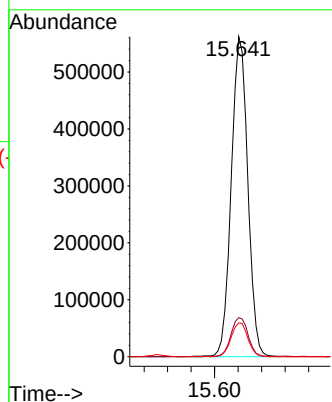
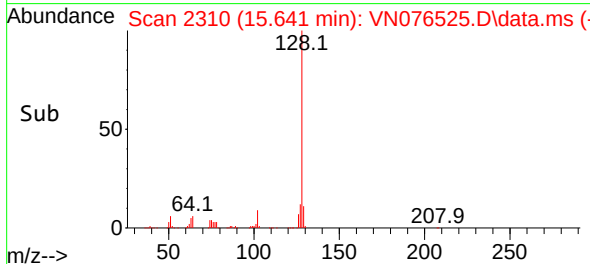
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 109595
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 54.737 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076525.D
Acq: 03 Feb 2023 11:42

Tgt Ion:180 Resp: 372025
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.5
145 33.1 15.9 47.6

