

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076538.D
 Acq On : 06 Feb 2023 12:46
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 07 00:58:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 00:55:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/07/2023
 Supervised By : Mahesh Dadoda 02/07/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	547807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	928271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	813500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	347469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	34919	3.765	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	7.540%#		
35) Dibromofluoromethane	8.171	113	29147	3.635	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	7.280%#		
50) Toluene-d8	10.571	98	109844	3.879	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	7.760%#		
62) 4-Bromofluorobenzene	12.853	95	36164	3.891	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	7.780%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	22538	3.322	ug/l	96
3) Chloromethane	2.371	50	26234	4.712	ug/l	91
4) Vinyl Chloride	2.530	62	21931	4.763	ug/l	98
5) Bromomethane	2.954	94	20854	5.285	ug/l	93
6) Chloroethane	3.118	64	14975	5.206	ug/l	91
7) Trichlorofluoromethane	3.512	101	50526	5.044	ug/l	98
8) Diethyl Ether	3.977	74	18147	4.982	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	29440	5.041	ug/l	98
10) Methyl Iodide	4.595	142	39979	4.773	ug/l	98
11) Tert butyl alcohol	5.547	59	23268	25.236	ug/l	98
12) 1,1-Dichloroethene	4.353	96	27864	5.025	ug/l	95
13) Acrolein	4.200	56	33268	26.341	ug/l	97
14) Allyl chloride	5.036	41	35483	4.894	ug/l	95
15) Acrylonitrile	5.736	53	66485	25.751	ug/l	99
16) Acetone	4.453	43	64020	24.430	ug/l	98
17) Carbon Disulfide	4.724	76	66992	4.754	ug/l	98
18) Methyl Acetate	5.047	43	34527	4.953	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	90299	5.012	ug/l	97
20) Methylene Chloride	5.289	84	33854	5.135	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	29458	5.042	ug/l	95
22) Diisopropyl ether	6.689	45	80026	4.954	ug/l	94
23) Vinyl Acetate	6.618	43	252369	24.242	ug/l	98
24) 1,1-Dichloroethane	6.583	63	52903	5.159	ug/l	96
25) 2-Butanone	7.494	43	86665	26.880	ug/l	98
26) 2,2-Dichloropropane	7.494	77	44039	5.096	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	34191	4.999	ug/l	97
28) Bromochloromethane	7.818	49	22041	5.191	ug/l	100
29) Tetrahydrofuran	7.853	42	53789	26.217	ug/l	99
30) Chloroform	7.971	83	57129	5.075	ug/l	96
31) Cyclohexane	8.265	56	57566	4.708	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	50888	5.070	ug/l #	49
36) 1,1-Dichloropropene	8.377	75	40828	4.974	ug/l	99
37) Ethyl Acetate	7.577	43	30889	4.718	ug/l	97
38) Carbon Tetrachloride	8.371	117	45066	5.039	ug/l	96
39) Methylcyclohexane	9.606	83	48585	4.880	ug/l	95
40) Benzene	8.612	78	126779	5.074	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076538.D
 Acq On : 06 Feb 2023 12:46
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2023
 Supervised By : Mahesh Dadoda 02/07/2023

Quant Time: Feb 07 00:58:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 00:55:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	17697	5.062	ug/l	98
42) 1,2-Dichloroethane	8.677	62	44172	5.319	ug/l	96
43) Isopropyl Acetate	8.694	43	52235	4.906	ug/l	100
44) Trichloroethene	9.359	130	34063	5.099	ug/l	99
45) 1,2-Dichloropropane	9.624	63	30390	5.013	ug/l	93
46) Dibromomethane	9.712	93	21771	5.008	ug/l	98
47) Bromodichloromethane	9.894	83	43862	5.042	ug/l	93
48) Methyl methacrylate	9.682	41	25489	5.012	ug/l	97
49) 1,4-Dioxane	9.700	88	11954	99.783	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	166471	26.088	ug/l	96
52) Toluene	10.635	92	81521	5.112	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	39254	4.662	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	46645	4.910	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	32161	5.152	ug/l	98
56) Ethyl methacrylate	10.877	69	40300	4.810	ug/l	96
57) 1,3-Dichloropropane	11.171	76	54424	5.282	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	61744	26.407	ug/l	97
59) 2-Hexanone	11.200	43	123436	26.626	ug/l	94
60) Dibromochloromethane	11.365	129	33521	5.053	ug/l	100
61) 1,2-Dibromoethane	11.471	107	30805	4.940	ug/l	98
64) Tetrachloroethene	11.106	164	36308	5.287	ug/l	96
65) Chlorobenzene	11.894	112	85768	5.098	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	31957	5.183	ug/l	98
67) Ethyl Benzene	11.965	91	146258	4.939	ug/l	99
68) m/p-Xylenes	12.071	106	114670	9.985	ug/l	99
69) o-Xylene	12.400	106	55968	4.959	ug/l	96
70) Styrene	12.412	104	86137	4.798	ug/l	100
71) Bromoform	12.582	173	21687	4.929	ug/l #	97
73) Isopropylbenzene	12.700	105	145378	5.249	ug/l	99
74) N-amyl acetate	12.494	43	40382	5.002	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	44070	5.490	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	39951m	5.300	ug/l	
77) Bromobenzene	12.982	156	33142	5.086	ug/l	96
78) n-propylbenzene	13.041	91	155627	5.050	ug/l	99
79) 2-Chlorotoluene	13.129	91	101330	5.180	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	121117	5.159	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	9737	4.581	ug/l	88
82) 4-Chlorotoluene	13.129	91	101330	5.180	ug/l	100
83) tert-Butylbenzene	13.441	119	108723	5.208	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	120175	5.160	ug/l	97
85) sec-Butylbenzene	13.618	105	139232	4.947	ug/l	98
86) p-Isopropyltoluene	13.729	119	113075	4.934	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	61329	5.081	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	61406	5.043	ug/l	96
89) n-Butylbenzene	14.059	91	84287	4.636	ug/l	98
90) Hexachloroethane	14.335	117	19411	4.960	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	60661	5.121	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	6782	4.902	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	23305	4.464	ug/l	99
94) Hexachlorobutadiene	15.506	225	15611	5.208	ug/l	97
95) Naphthalene	15.641	128	65874	4.284	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	22992	4.581	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
Data File : VN076538.D
Acq On : 06 Feb 2023 12:46
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

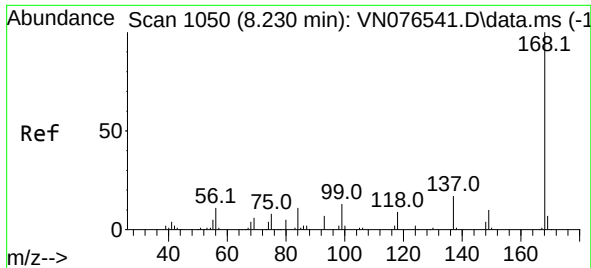
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

Quant Time: Feb 07 00:58:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 07 00:55:15 2023
Response via : Initial Calibration

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

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



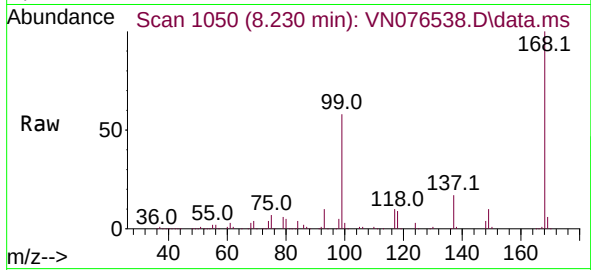
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



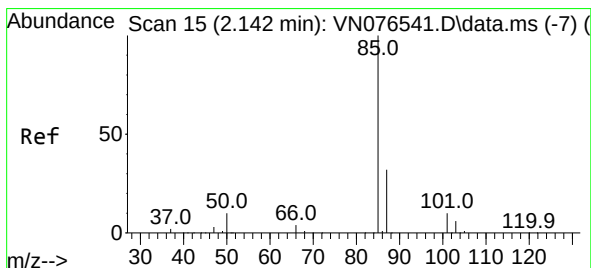
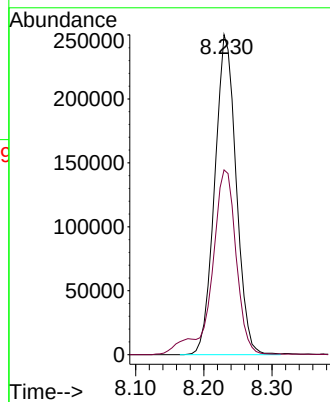
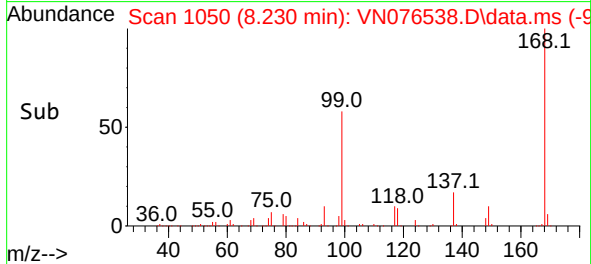
Tgt Ion:168 Resp: 54780
Ion Ratio Lower Upper
168 100
99 57.5 47.1 70.7

Manual Integrations

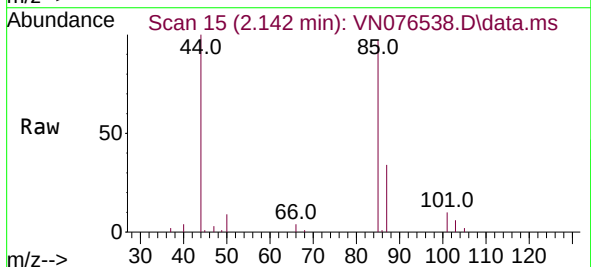
APPROVED

Reviewed By :John Carlone 02/07/2023

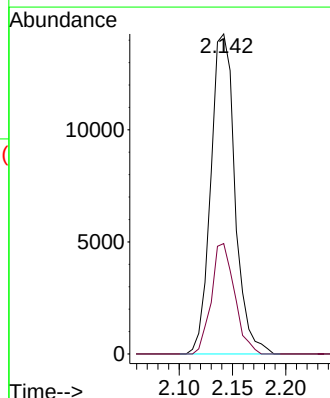
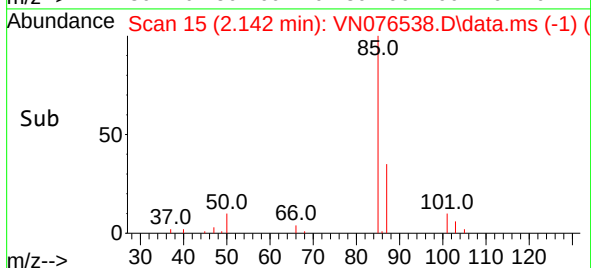
Supervised By :Mahesh Dadoda 02/07/2023

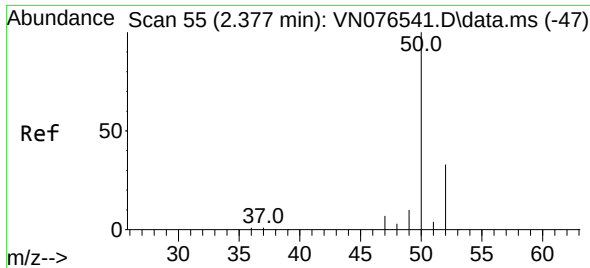


#2
Dichlorodifluoromethane
Concen: 3.322 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46



Tgt Ion: 85 Resp: 22538
Ion Ratio Lower Upper
85 100
87 34.5 16.2 48.6





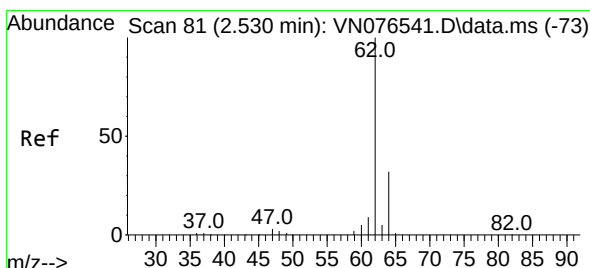
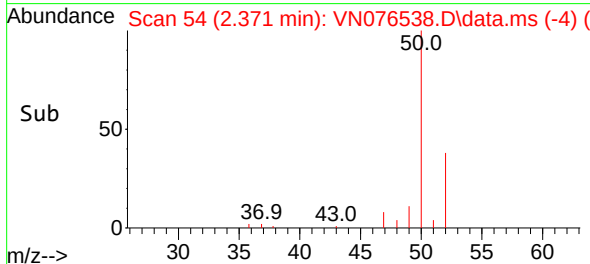
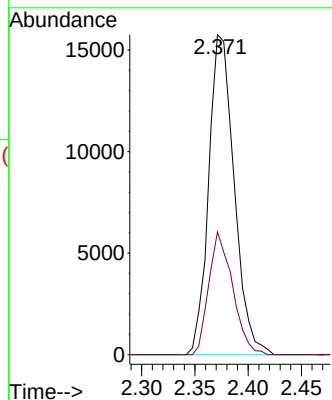
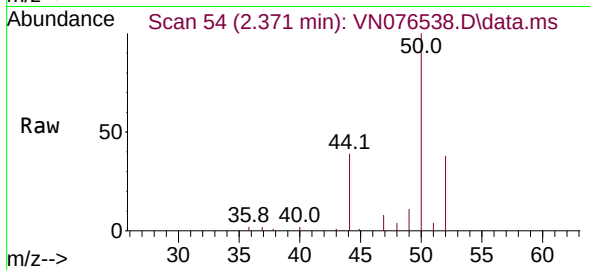
#3
Chloromethane
Concen: 4.712 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 26234
Ion Ratio Lower Upper
50 100
52 38.4 26.6 40.0

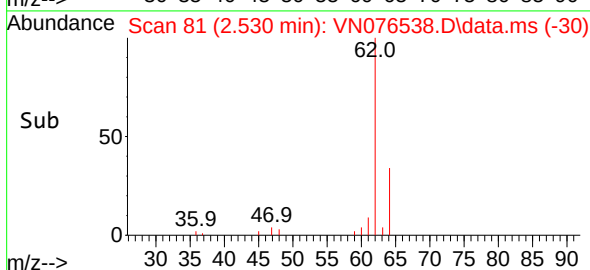
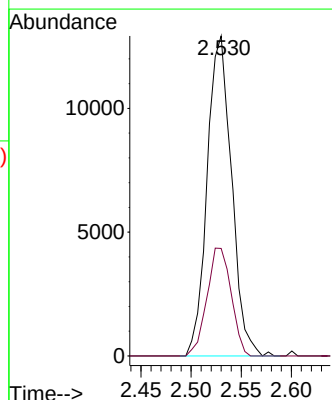
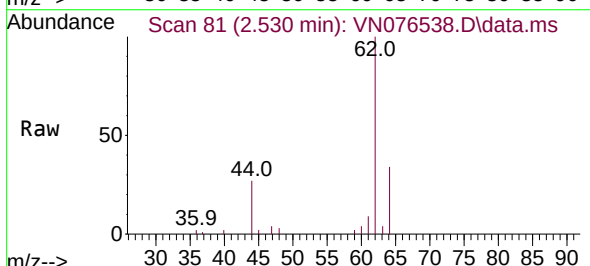
Manual Integrations
APPROVED

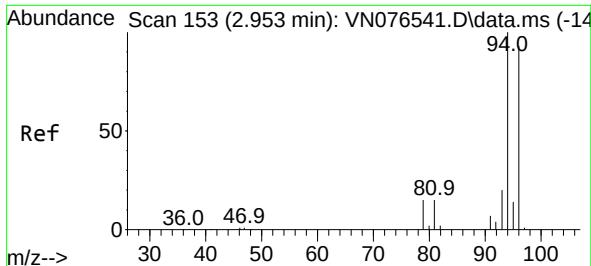
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#4
Vinyl Chloride
Concen: 4.763 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

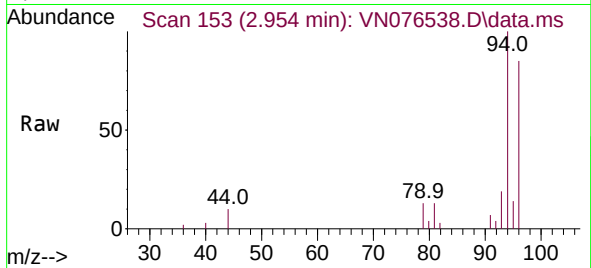
Tgt Ion: 62 Resp: 21931
Ion Ratio Lower Upper
62 100
64 33.6 25.9 38.9





#5
Bromomethane
Concen: 5.285 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

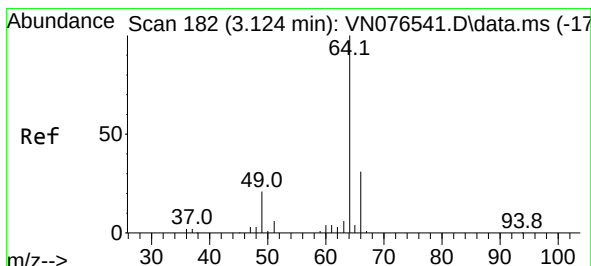
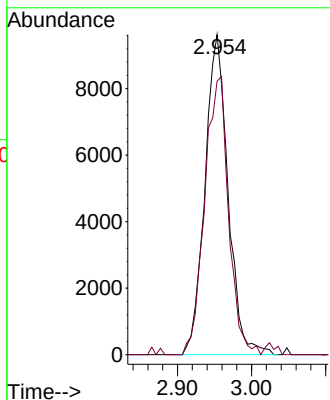
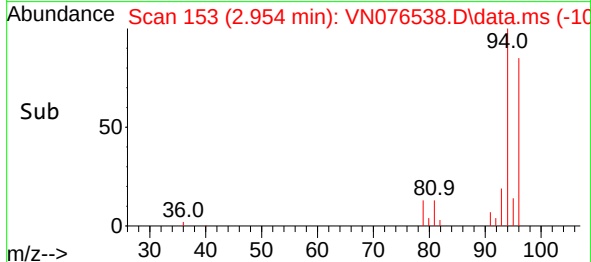
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



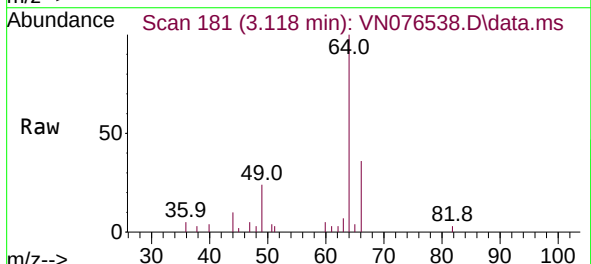
Tgt Ion: 94 Resp: 20854
Ion Ratio Lower Upper
94 100
96 85.5 74.1 111.1

Manual Integrations
APPROVED

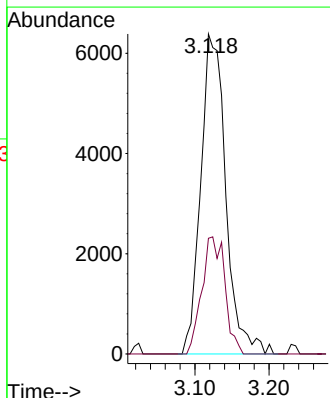
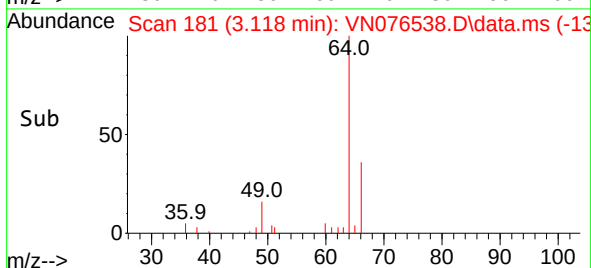
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

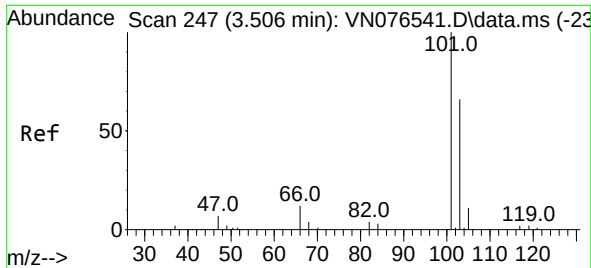


#6
Chloroethane
Concen: 5.206 ug/l
RT: 3.118 min Scan# 181
Delta R.T. -0.006 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46



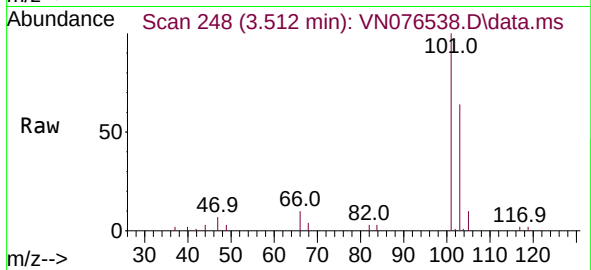
Tgt Ion: 64 Resp: 14975
Ion Ratio Lower Upper
64 100
66 36.2 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 5.044 ug/l
 RT: 3.512 min Scan# 247
 Delta R.T. 0.006 min
 Lab File: VN076538.D
 Acq: 06 Feb 2023 12:46

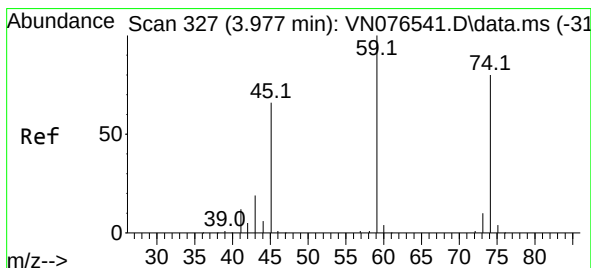
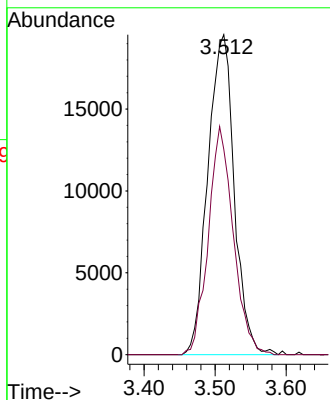
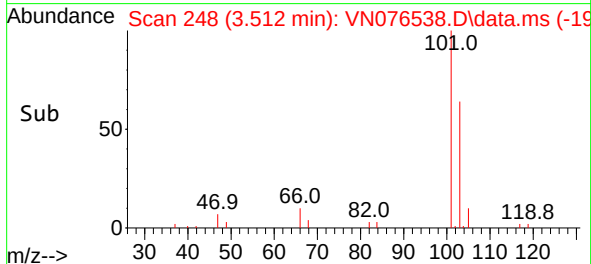
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 50520
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.6 78.8

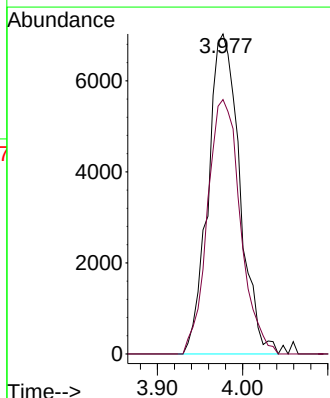
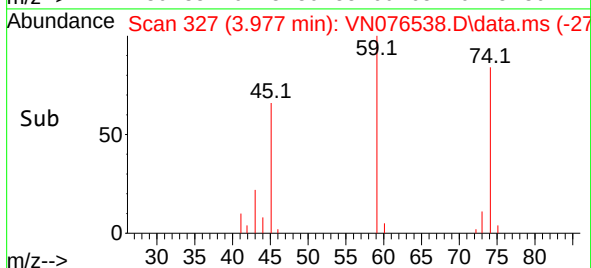
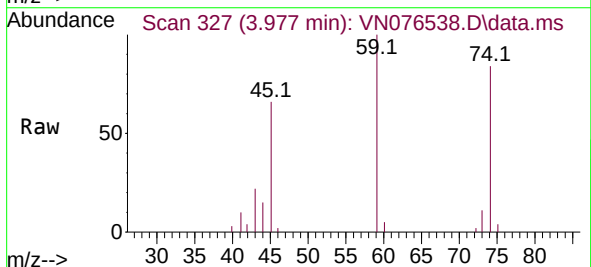
Manual Integrations
 APPROVED

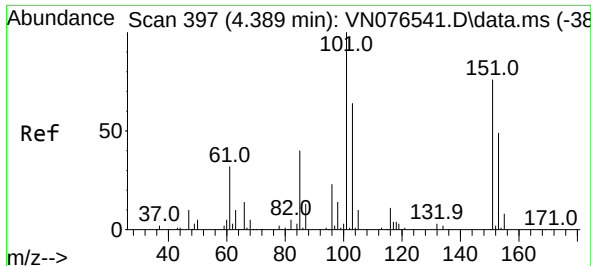
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023



#8
 Diethyl Ether
 Concen: 4.982 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.000 min
 Lab File: VN076538.D
 Acq: 06 Feb 2023 12:46

Tgt Ion: 74 Resp: 18147
 Ion Ratio Lower Upper
 74 100
 45 82.7 40.8 122.5





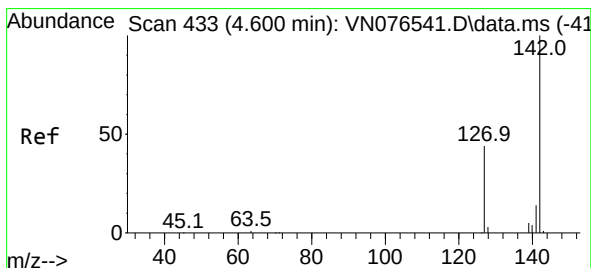
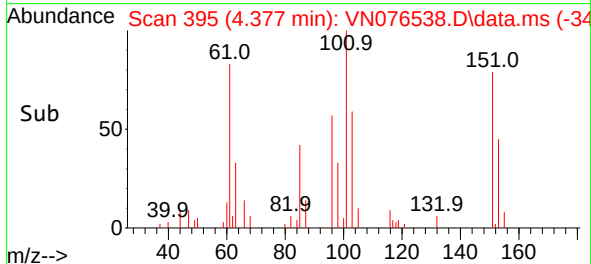
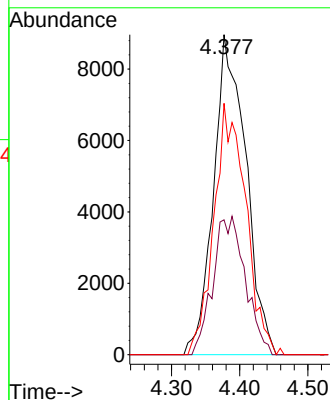
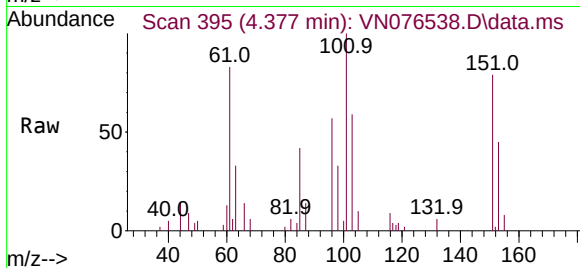
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.041 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.012 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 29440
Ion Ratio Lower Upper
101 100
85 43.6 33.9 50.9
151 77.8 61.2 91.8

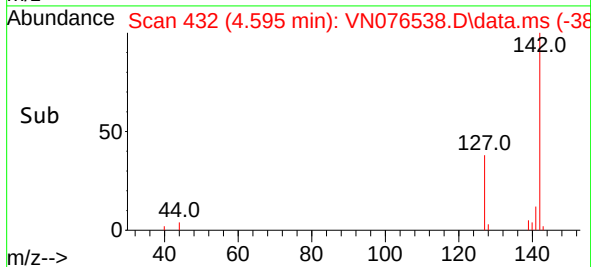
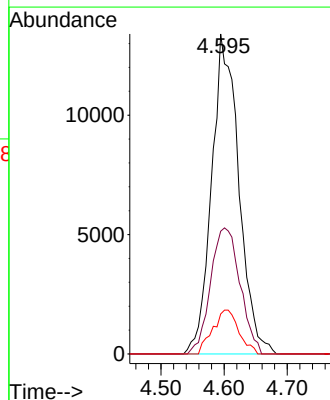
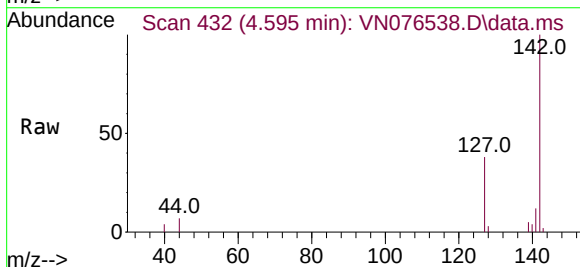
Manual Integrations
APPROVED

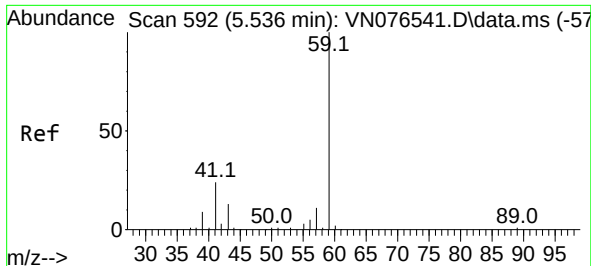
Reviewed By :John Carbone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#10
Methyl Iodide
Concen: 4.773 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Tgt Ion:142 Resp: 39979
Ion Ratio Lower Upper
142 100
127 42.8 35.5 53.3
141 13.2 11.3 16.9





#11

Tert butyl alcohol

Concen: 25.236 ug/l

RT: 5.547 min Scan# 59

Delta R.T. 0.012 min

Lab File: VN076538.D

Acq: 06 Feb 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 59 Resp: 2326

Ion Ratio Lower Upper

59 100

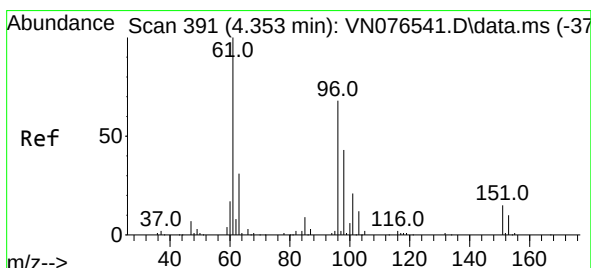
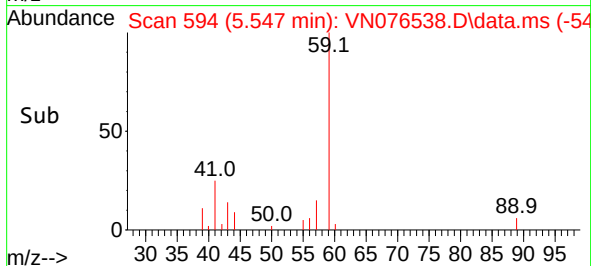
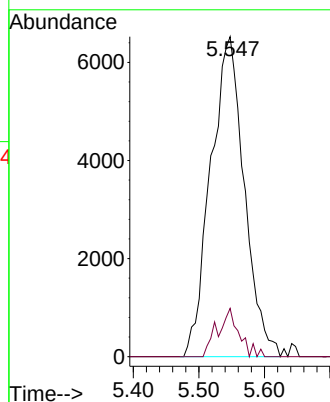
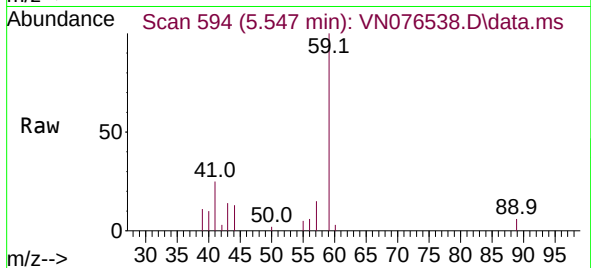
57 9.6 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#12

1,1-Dichloroethene

Concen: 5.025 ug/l

RT: 4.353 min Scan# 391

Delta R.T. 0.000 min

Lab File: VN076538.D

Acq: 06 Feb 2023 12:46

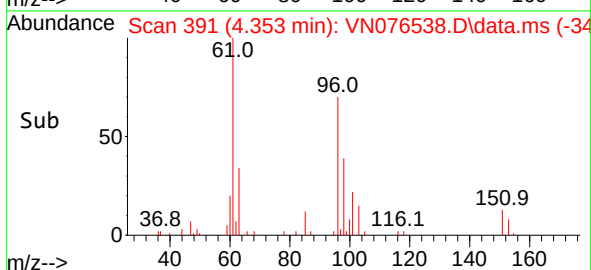
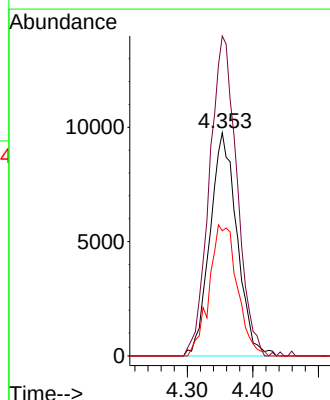
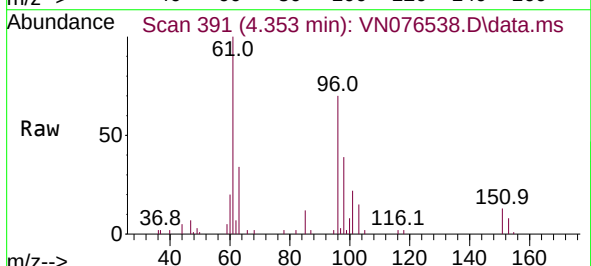
Tgt Ion: 96 Resp: 27864

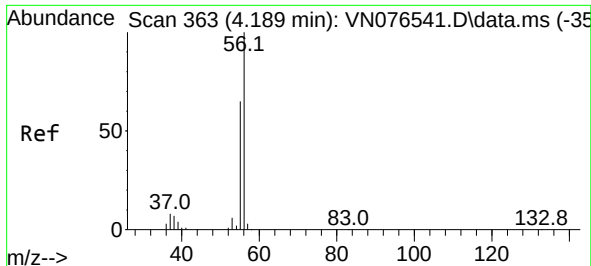
Ion Ratio Lower Upper

96 100

61 143.3 117.9 176.9

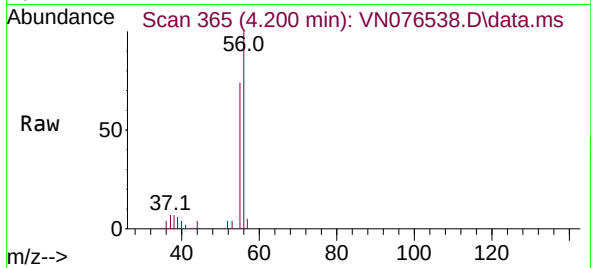
98 56.1 50.2 75.2





#13
Acrolein
Concen: 26.341 ug/l
RT: 4.200 min Scan# 30
Delta R.T. 0.012 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

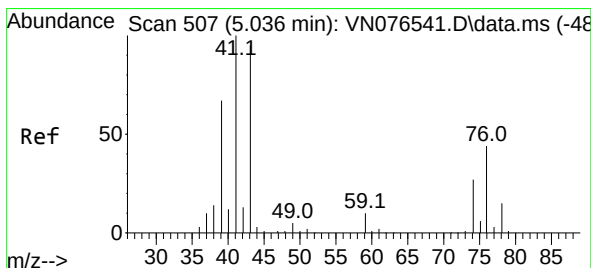
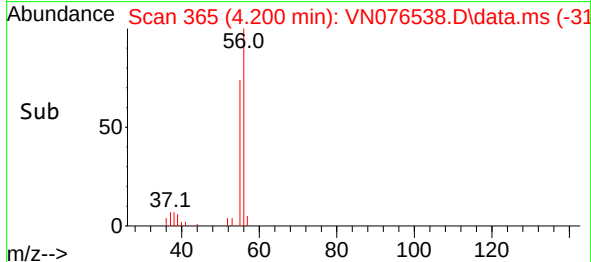
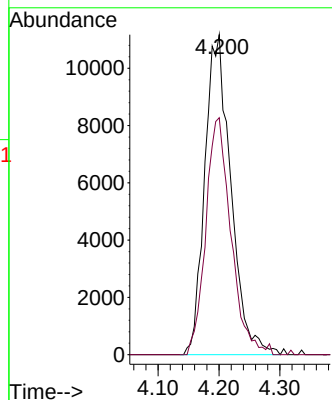
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 33268
Ion Ratio Lower Upper
56 100
55 71.5 55.4 83.2

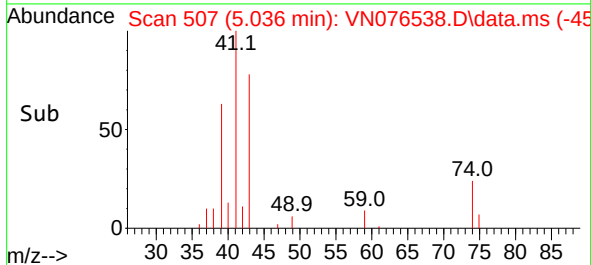
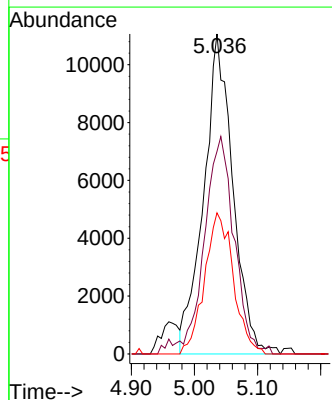
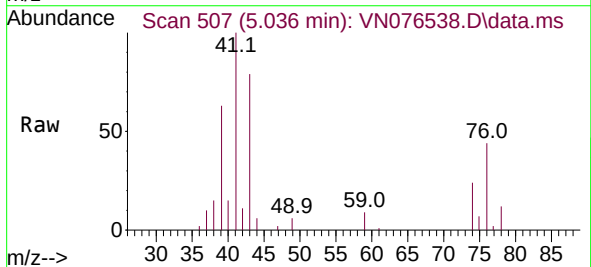
Manual Integrations
APPROVED

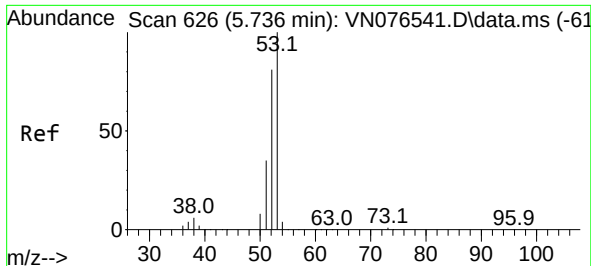
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#14
Allyl chloride
Concen: 4.894 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

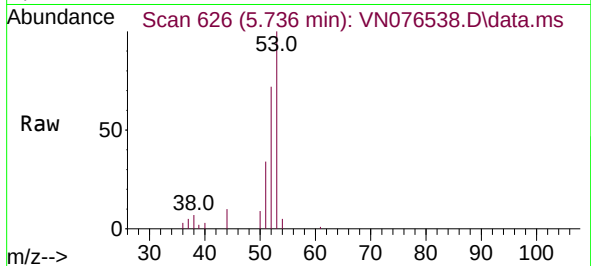
Tgt Ion: 41 Resp: 35483
Ion Ratio Lower Upper
41 100
39 68.9 51.6 77.4
76 43.6 33.1 49.7





#15
Acrylonitrile
Concen: 25.751 ug/l
RT: 5.736 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

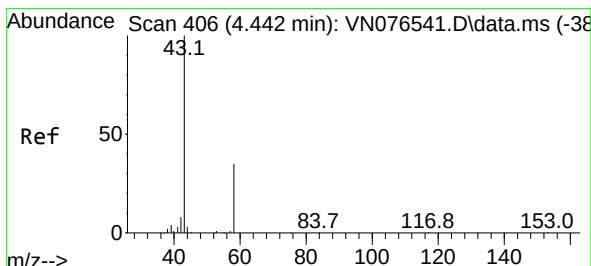
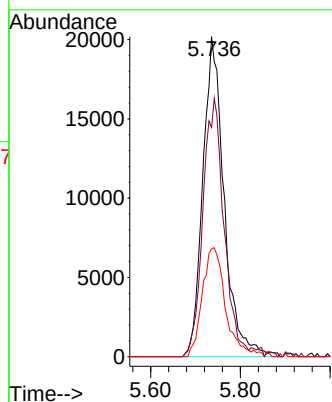
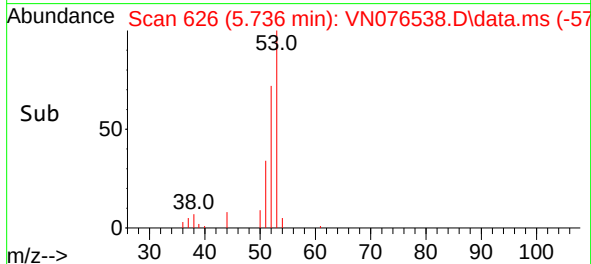
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



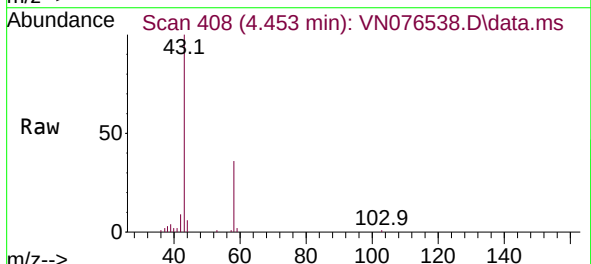
Tgt Ion: 53 Resp: 6648
Ion Ratio Lower Upper
53 100
52 81.2 65.0 97.4
51 37.1 28.7 43.1

Manual Integrations
APPROVED

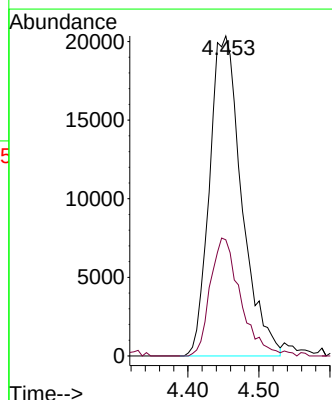
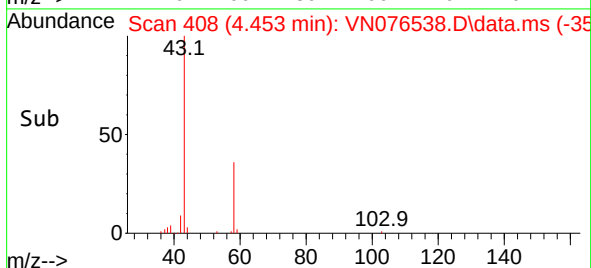
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

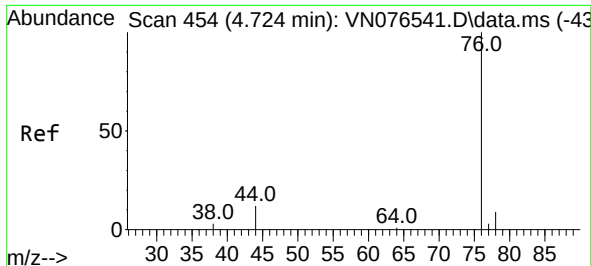


#16
Acetone
Concen: 24.430 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46



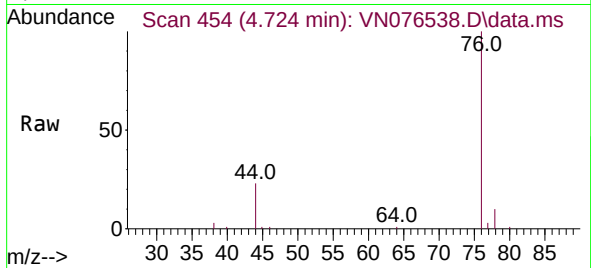
Tgt Ion: 43 Resp: 64020
Ion Ratio Lower Upper
43 100
58 36.3 28.3 42.5





#17
Carbon Disulfide
Concen: 4.754 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

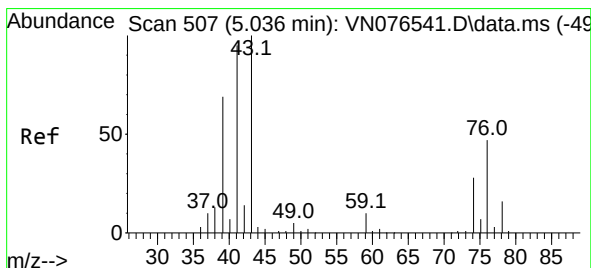
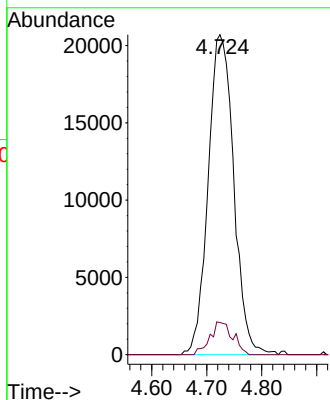
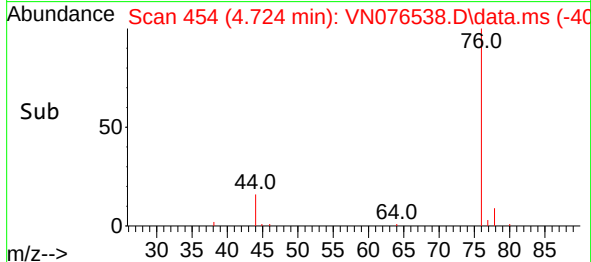
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



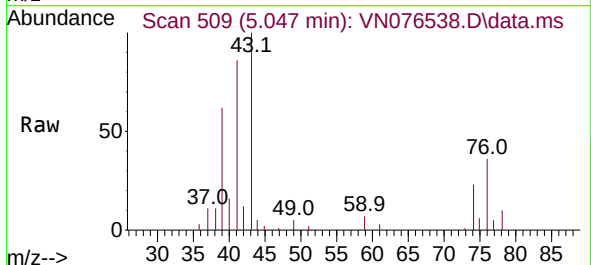
Tgt Ion: 76 Resp: 66992
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0

Manual Integrations
APPROVED

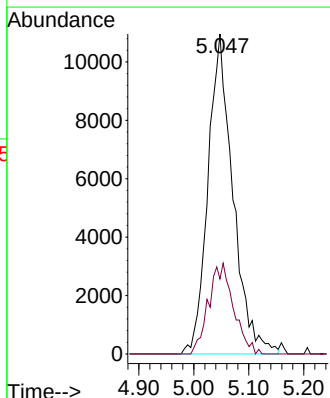
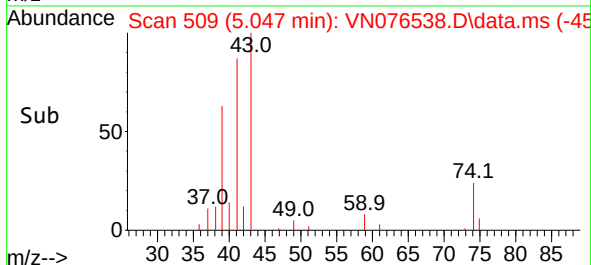
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

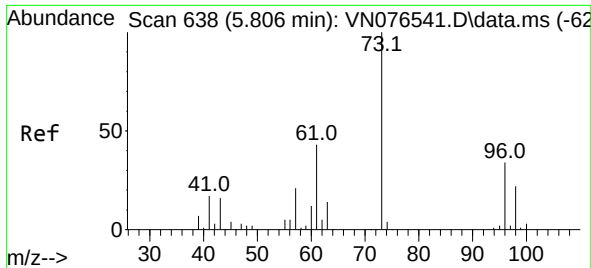


#18
Methyl Acetate
Concen: 4.953 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.012 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46



Tgt Ion: 43 Resp: 34527
Ion Ratio Lower Upper
43 100
74 28.3 23.6 35.4





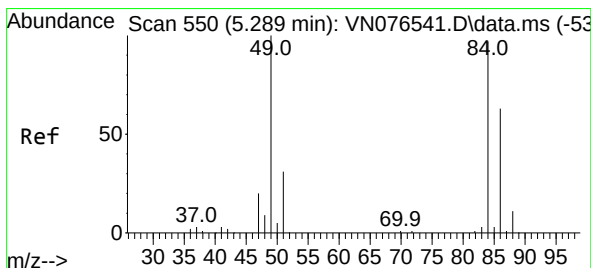
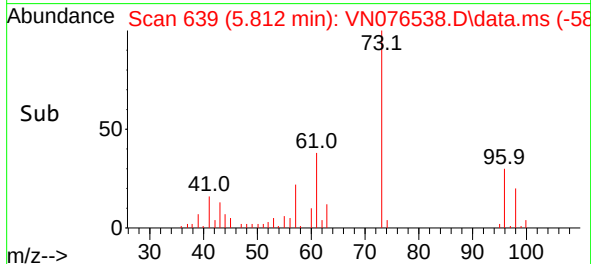
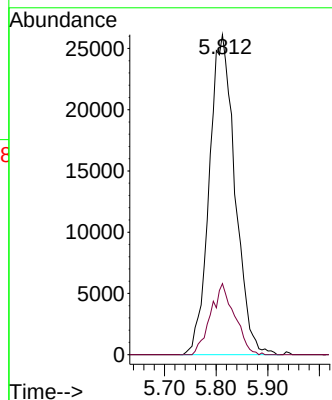
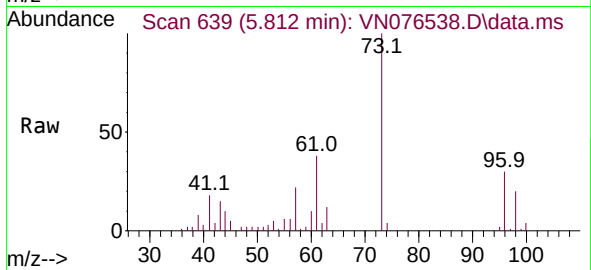
#19
Methyl tert-butyl Ether
Concen: 5.012 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 9029
Ion Ratio Lower Upper
73 100
57 22.2 16.8 25.2

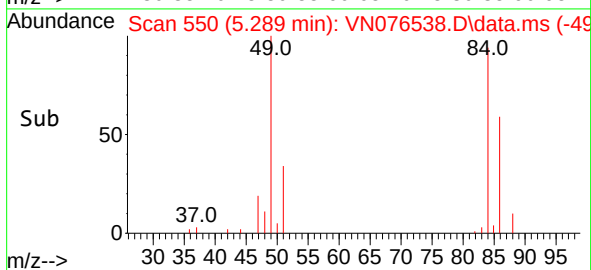
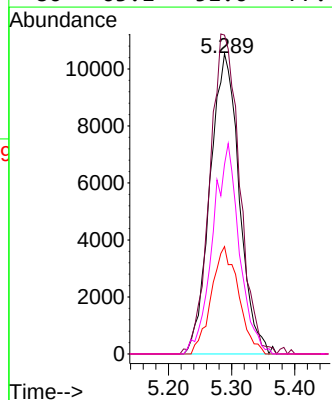
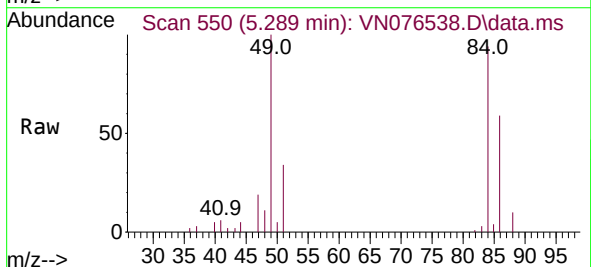
Manual Integrations
APPROVED

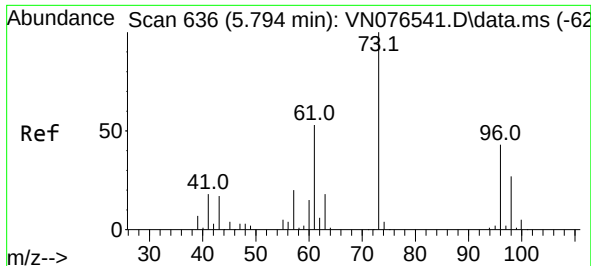
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#20
Methylene Chloride
Concen: 5.135 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

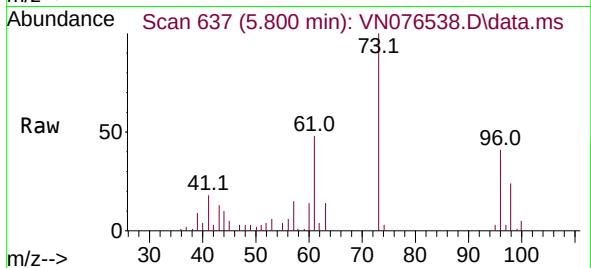
Tgt Ion: 84 Resp: 33854
Ion Ratio Lower Upper
84 100
49 106.1 82.3 123.5
51 35.7 25.9 38.9
86 63.1 51.6 77.4





#21
trans-1,2-Dichloroethene
Concen: 5.042 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

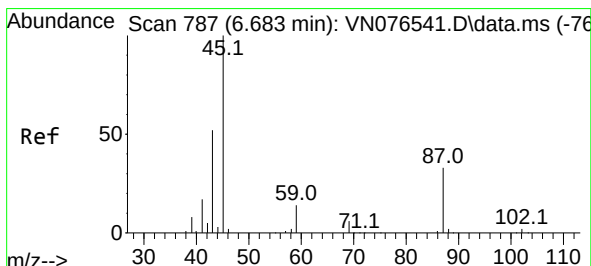
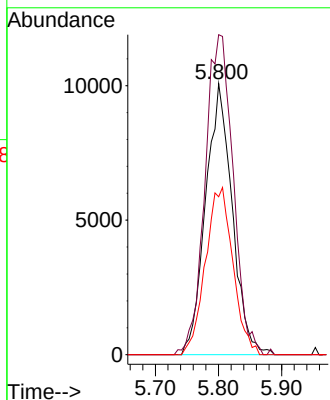
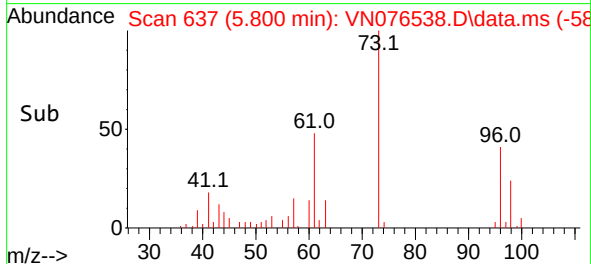
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



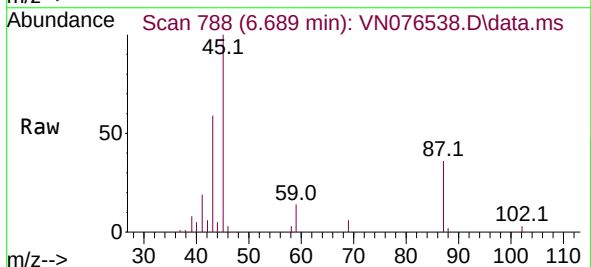
Tgt Ion: 96 Resp: 29458
Ion Ratio Lower Upper
96 100
61 118.0 98.6 148.0
98 58.3 49.9 74.9

Manual Integrations
APPROVED

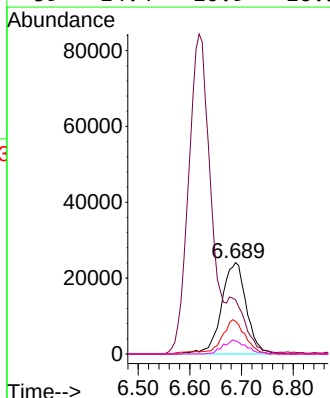
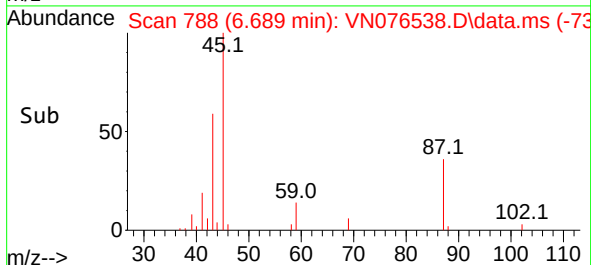
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

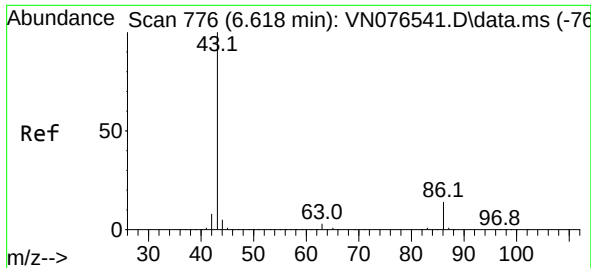


#22
Diisopropyl ether
Concen: 4.954 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46



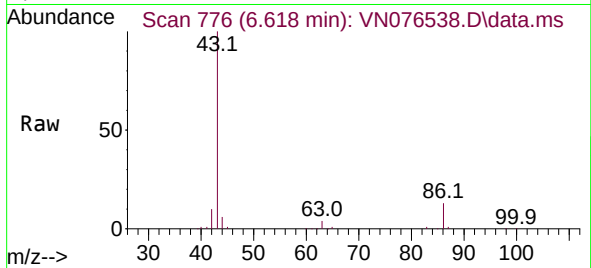
Tgt Ion: 45 Resp: 80026
Ion Ratio Lower Upper
45 100
43 57.3 41.8 62.6
87 35.8 26.6 39.8
59 14.4 10.9 16.3





#23
 Vinyl Acetate
 Concen: 24.242 ug/l
 RT: 6.618 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VN076538.D
 Acq: 06 Feb 2023 12:46

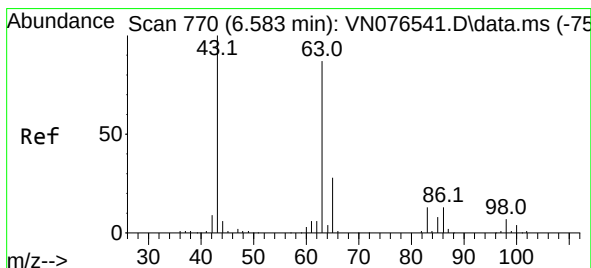
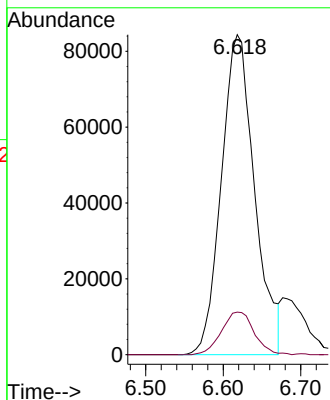
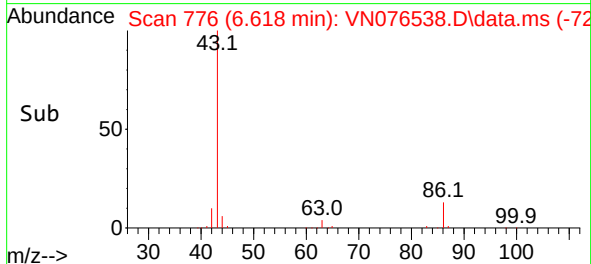
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



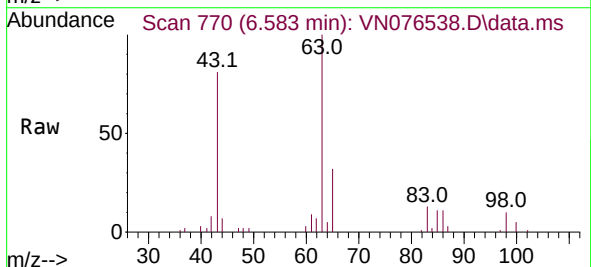
Tgt Ion: 43 Resp: 252369
 Ion Ratio Lower Upper
 43 100
 86 13.3 11.3 16.9

Manual Integrations
 APPROVED

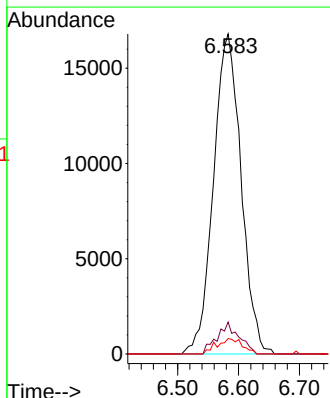
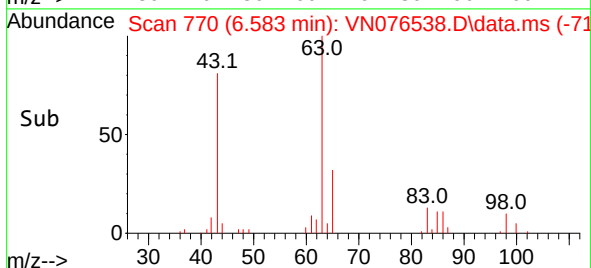
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023

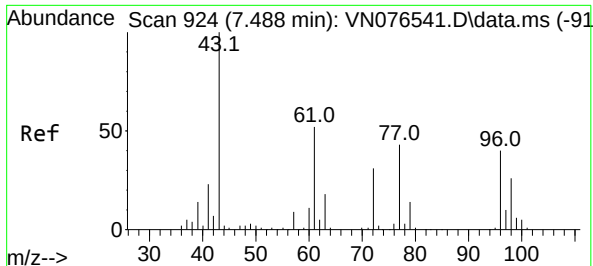


#24
 1,1-Dichloroethane
 Concen: 5.159 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VN076538.D
 Acq: 06 Feb 2023 12:46



Tgt Ion: 63 Resp: 52903
 Ion Ratio Lower Upper
 63 100
 98 9.9 3.9 11.5
 100 4.8 2.5 7.5





#25

2-Butanone

Concen: 26.880 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076538.D

Acq: 06 Feb 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 8666

Ion Ratio Lower Upper

43 100

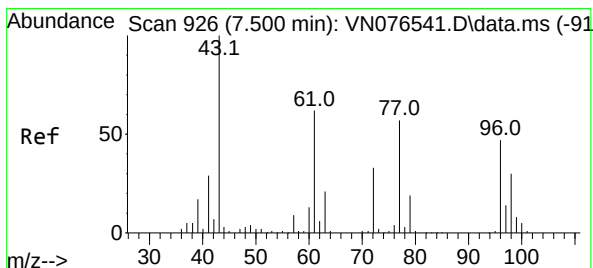
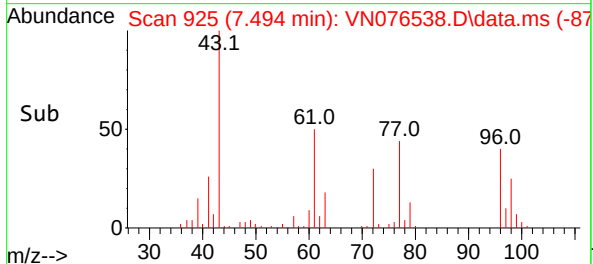
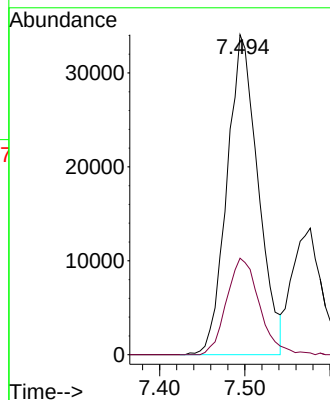
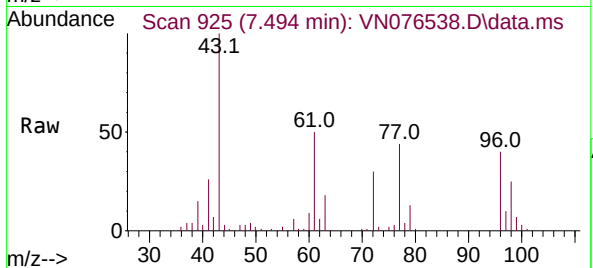
72 30.2 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#26

2,2-Dichloropropane

Concen: 5.096 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN076538.D

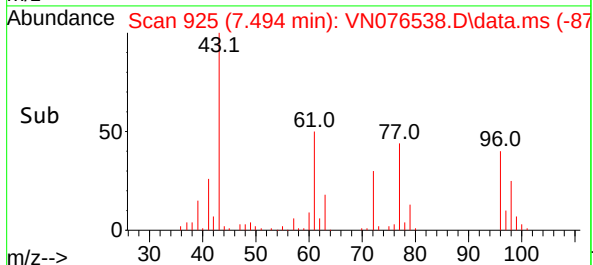
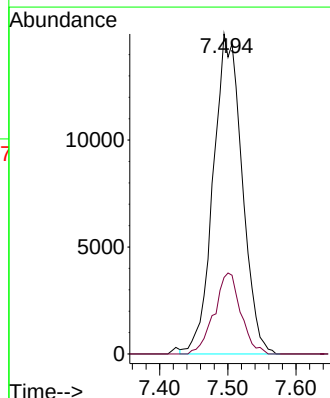
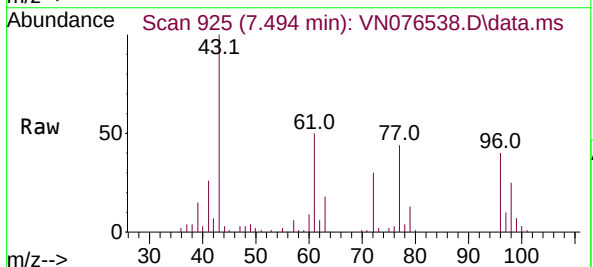
Acq: 06 Feb 2023 12:46

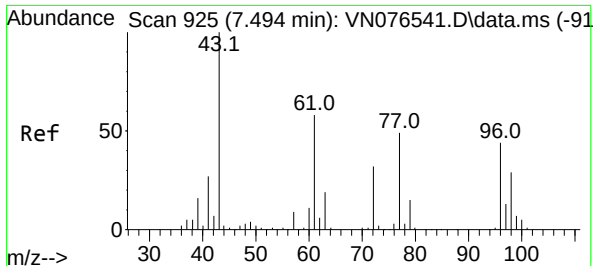
Tgt Ion: 77 Resp: 44039

Ion Ratio Lower Upper

77 100

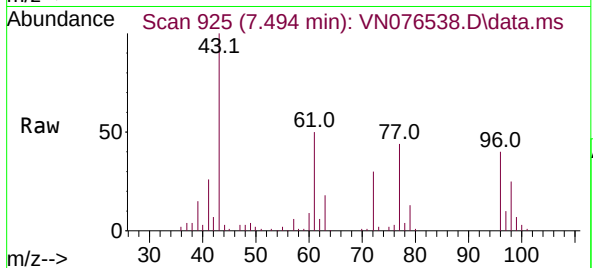
97 23.2 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 4.999 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076538.D
 Acq: 06 Feb 2023 12:46

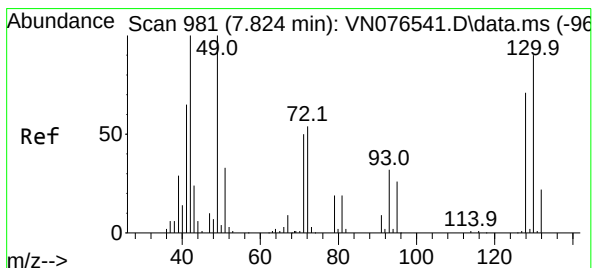
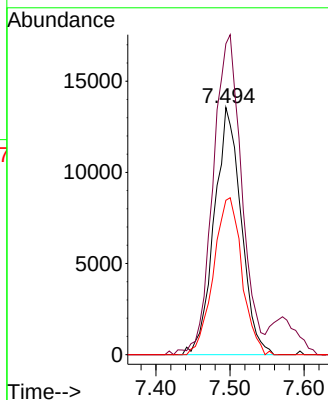
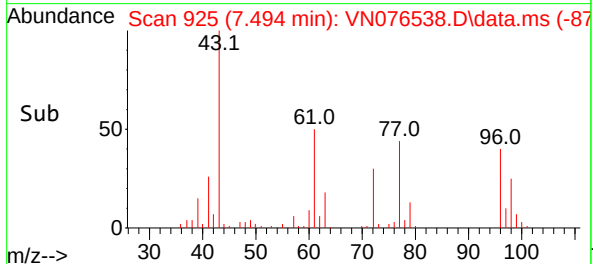
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 3419
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 266.4
 98 67.0 0.0 129.6

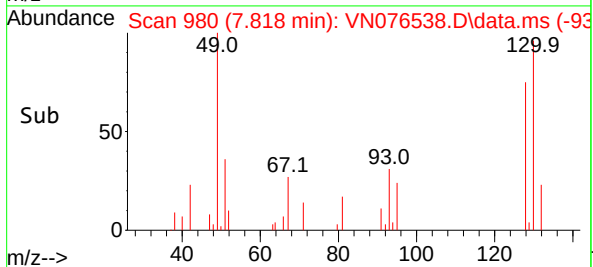
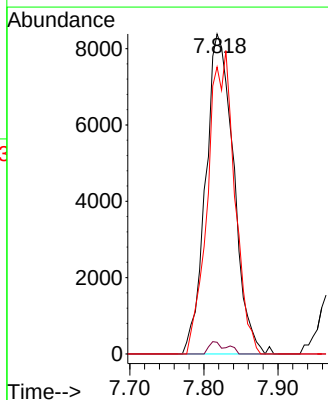
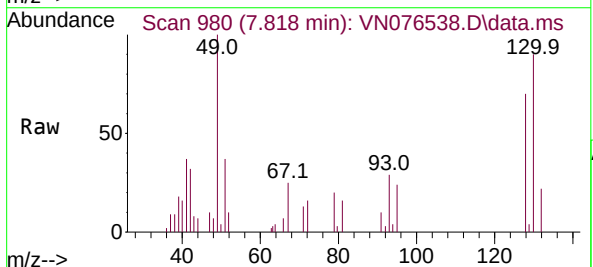
Manual Integrations
 APPROVED

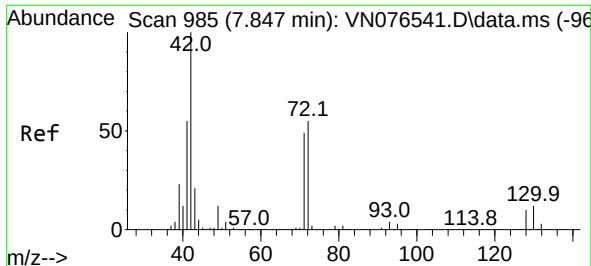
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023



#28
 Bromochloromethane
 Concen: 5.191 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076538.D
 Acq: 06 Feb 2023 12:46

Tgt Ion: 49 Resp: 22041
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.0
 130 90.9 72.6 108.8





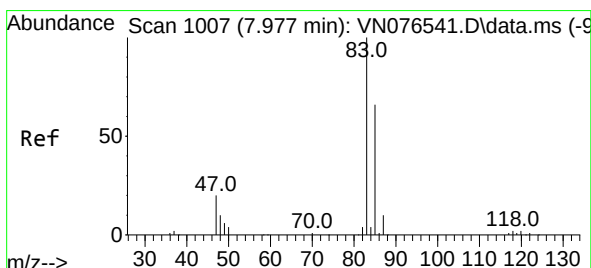
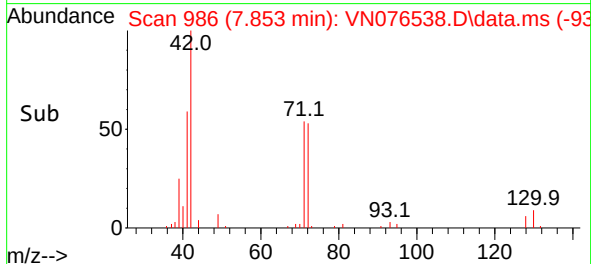
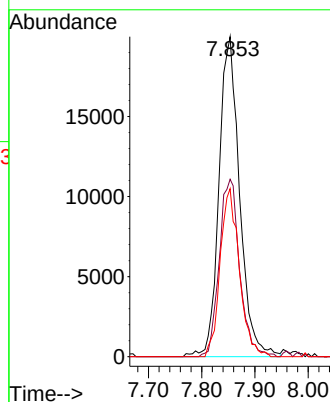
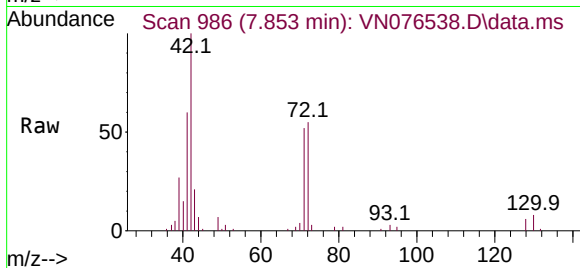
#29
Tetrahydrofuran
Concen: 26.217 ug/l
RT: 7.853 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 53789
Ion Ratio Lower Upper
42 100
72 54.8 43.4 65.2
71 48.8 39.4 59.2

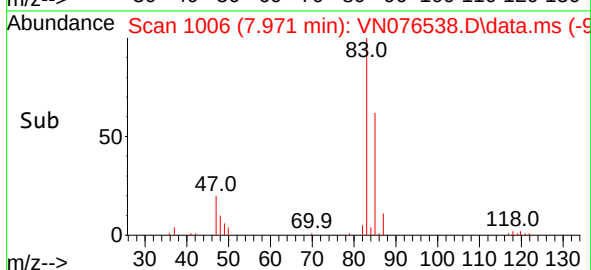
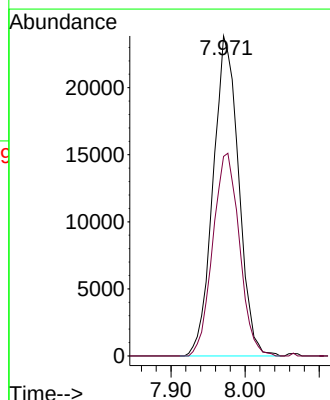
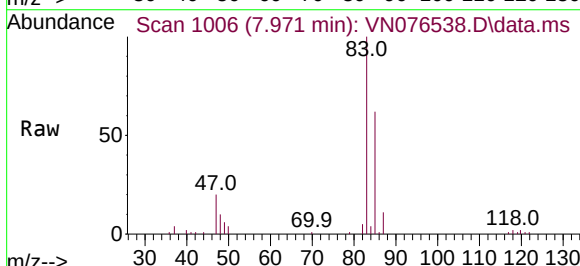
Manual Integrations
APPROVED

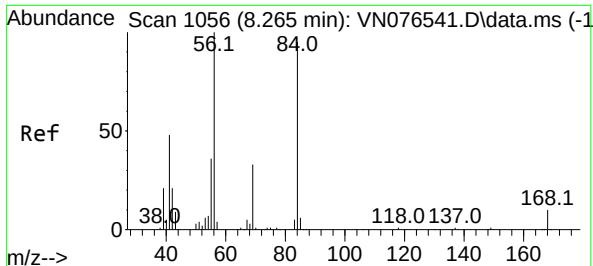
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#30
Chloroform
Concen: 5.075 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.006 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

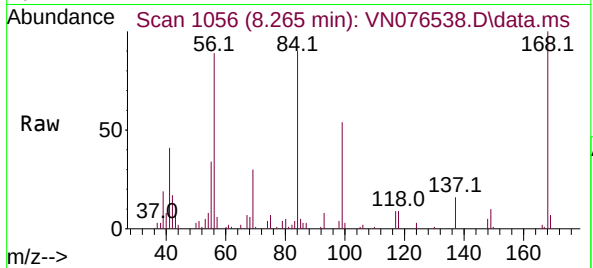
Tgt Ion: 83 Resp: 57129
Ion Ratio Lower Upper
83 100
85 62.3 52.5 78.7





#31
Cyclohexane
Concen: 4.708 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

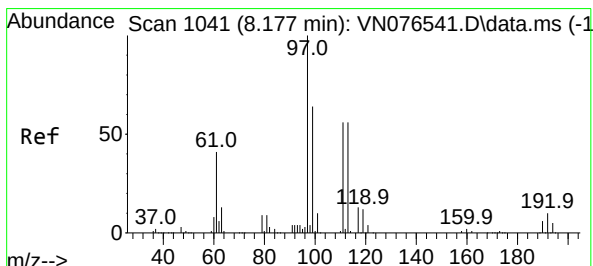
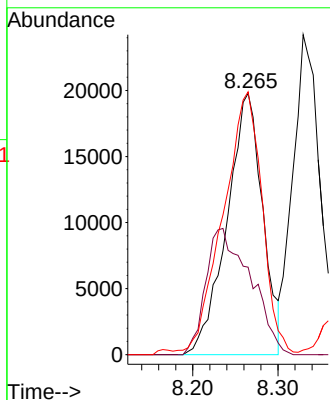
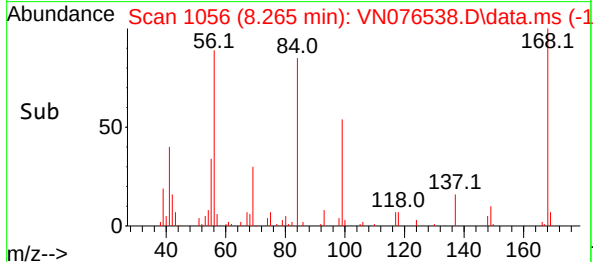
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



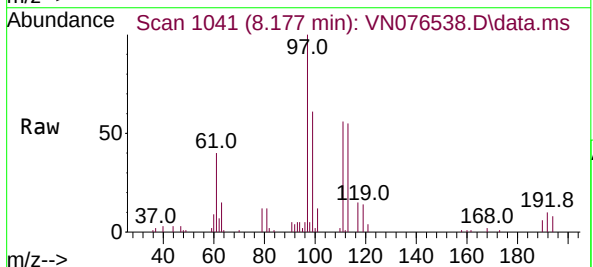
Tgt Ion: 56 Resp: 57560
Ion Ratio Lower Upper
56 100
69 33.5 26.5 39.7
84 98.9 76.2 114.4

Manual Integrations
APPROVED

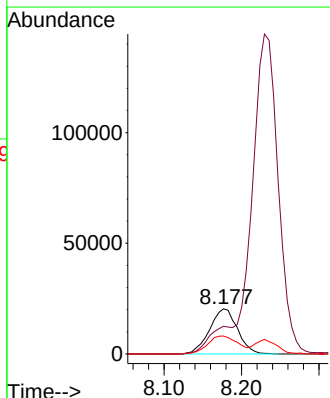
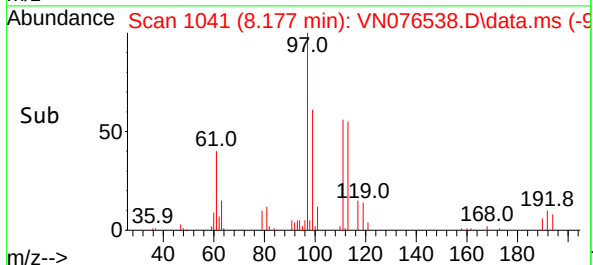
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

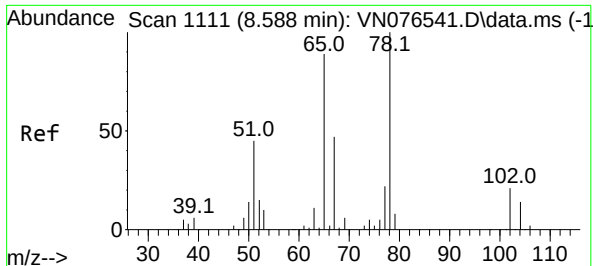


#32
1,1,1-Trichloroethane
Concen: 5.070 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46



Tgt Ion: 97 Resp: 50888
Ion Ratio Lower Upper
97 100
99 0.0 53.7 80.5#
61 42.7 34.3 51.5





#33

1,2-Dichloroethane-d4

Concen: 3.765 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN076538.D

Acq: 06 Feb 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 34919

Ion Ratio Lower Upper

65 100

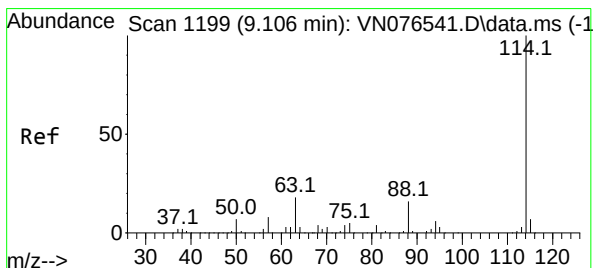
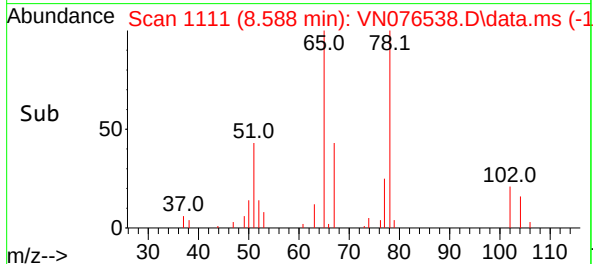
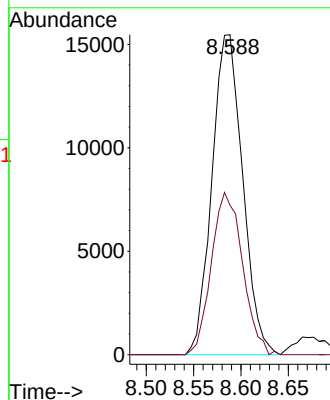
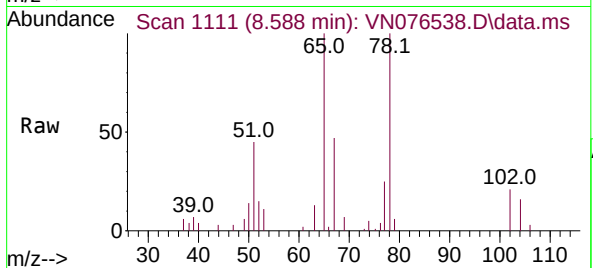
67 51.4 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076538.D

Acq: 06 Feb 2023 12:46

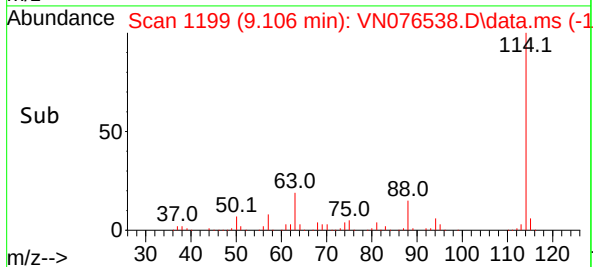
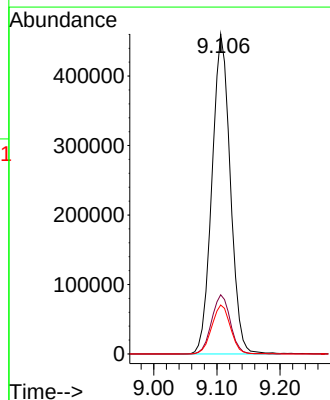
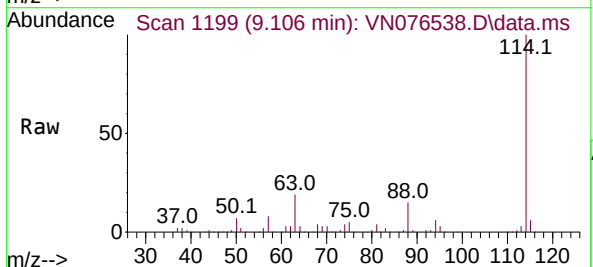
Tgt Ion:114 Resp: 928271

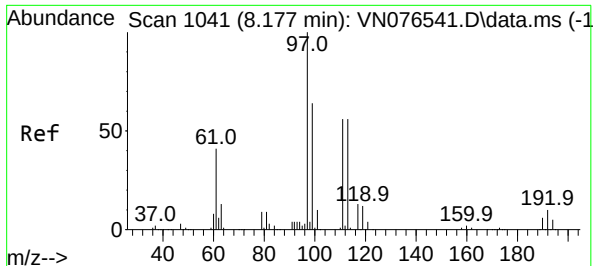
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 3.635 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VN076538.D

Acq: 06 Feb 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

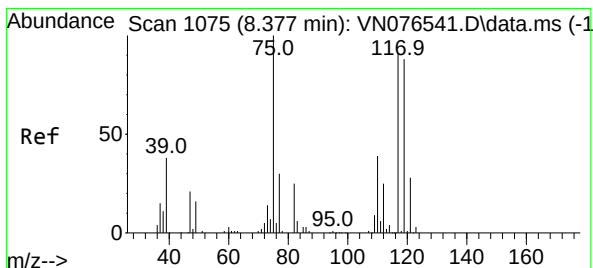
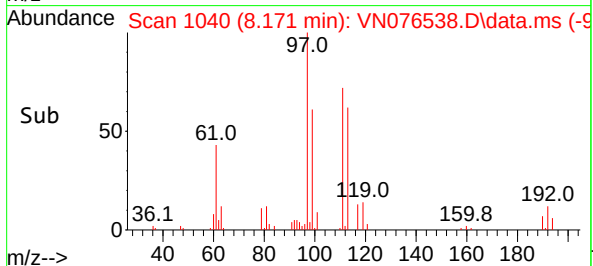
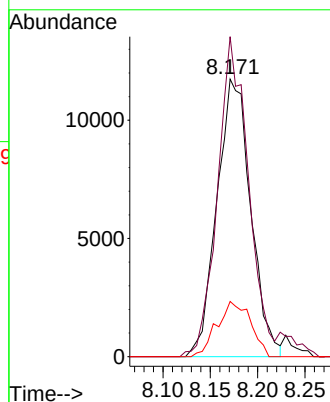
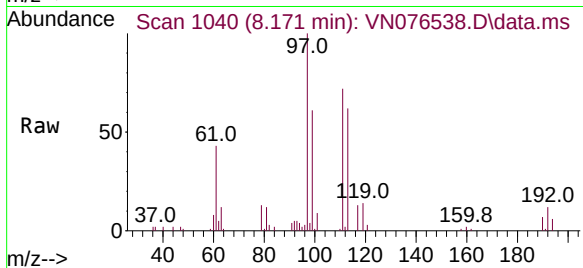
Tgt Ion:	113	Resp:	2914
Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.5	122.3
192	19.8	15.0	22.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#36

1,1-Dichloropropene

Concen: 4.974 ug/l

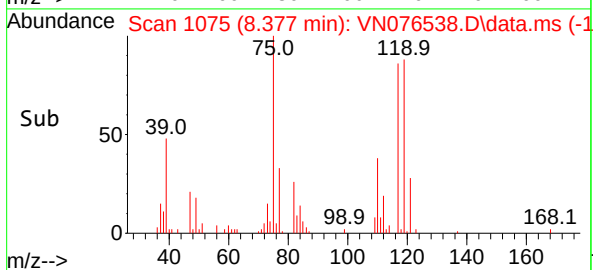
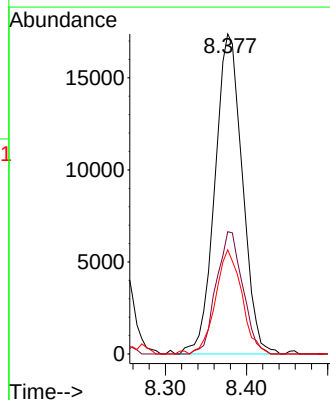
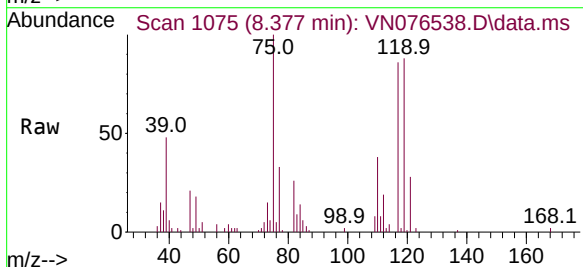
RT: 8.377 min Scan# 1075

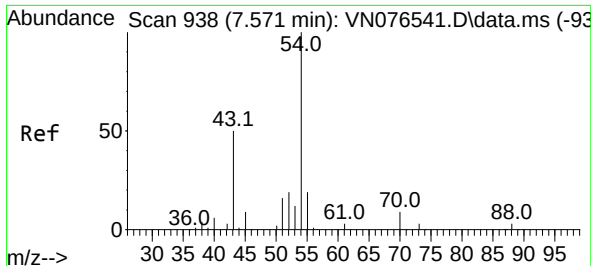
Delta R.T. 0.000 min

Lab File: VN076538.D

Acq: 06 Feb 2023 12:46

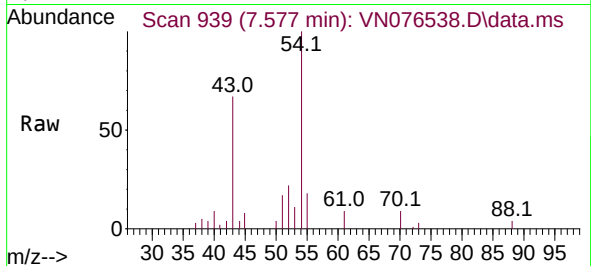
Tgt Ion:	75	Resp:	40828
Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.6	55.6
77	31.1	25.3	37.9





#37
Ethyl Acetate
Concen: 4.718 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

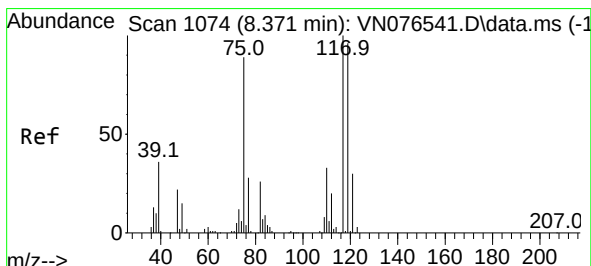
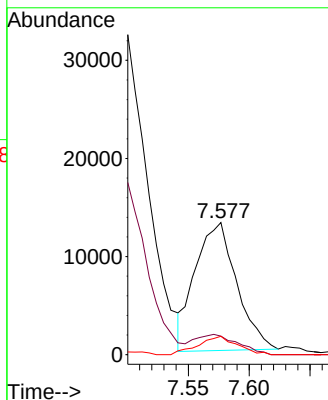
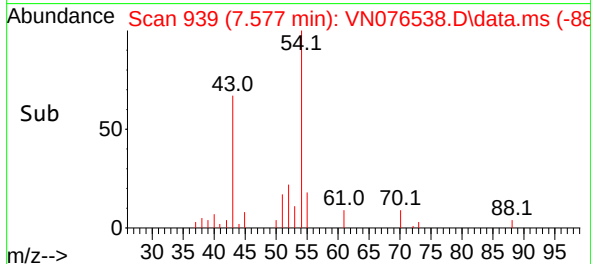
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



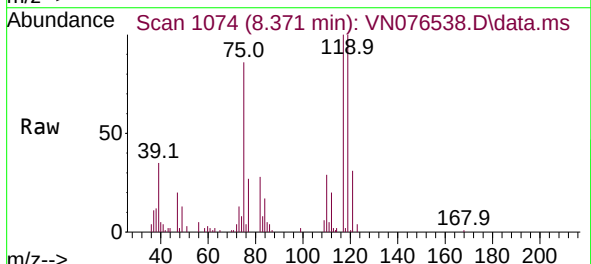
Tgt Ion: 43 Resp: 30889
Ion Ratio Lower Upper
43 100
61 16.4 11.8 17.6
70 13.4 10.2 15.4

Manual Integrations
APPROVED

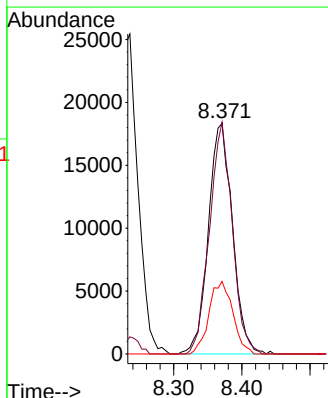
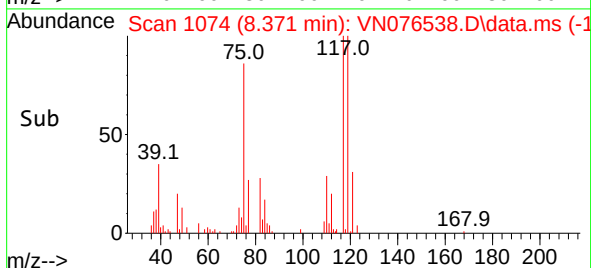
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

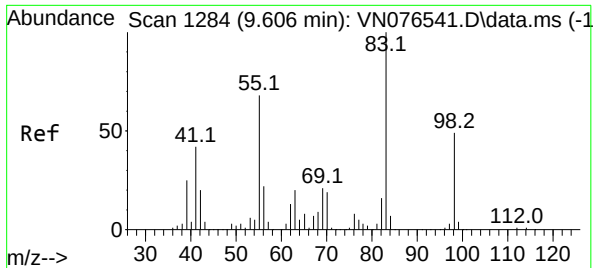


#38
Carbon Tetrachloride
Concen: 5.039 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46



Tgt Ion:117 Resp: 45066
Ion Ratio Lower Upper
117 100
119 100.5 76.5 114.7
121 31.4 24.2 36.4





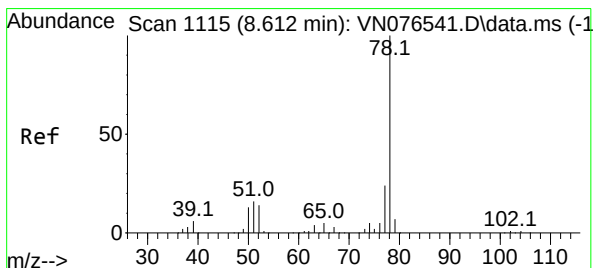
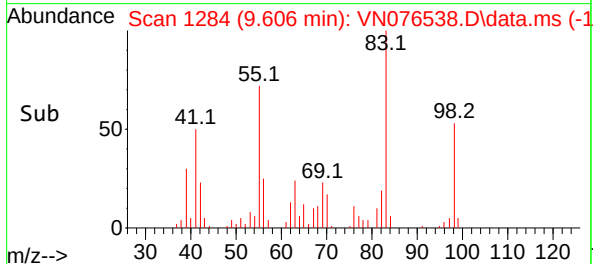
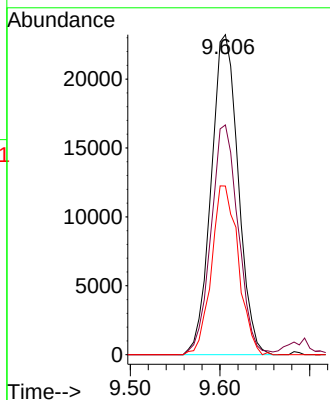
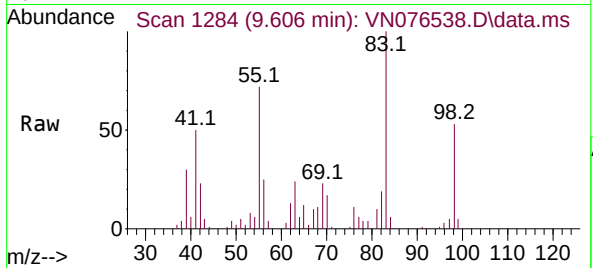
#39
Methylcyclohexane
Concen: 4.880 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 4858
Ion Ratio Lower Upper
83 100
55 71.8 54.1 81.1
98 52.7 39.5 59.3

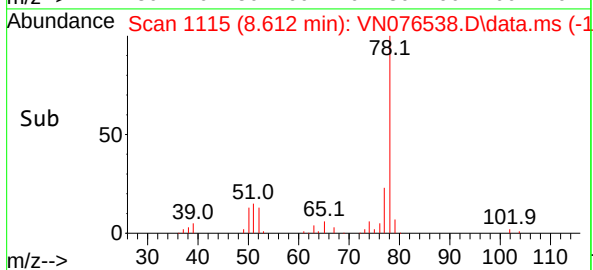
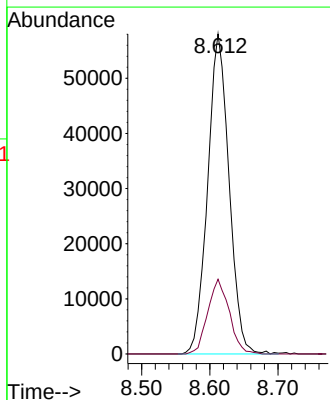
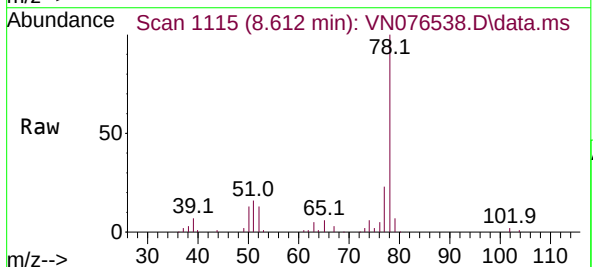
Manual Integrations
APPROVED

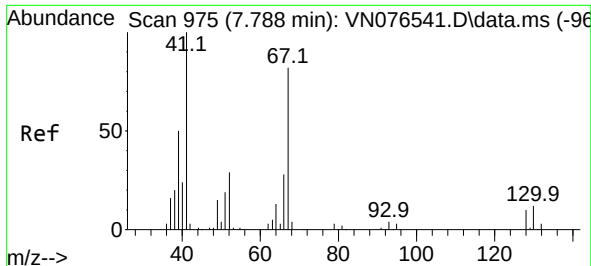
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#40
Benzene
Concen: 5.074 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

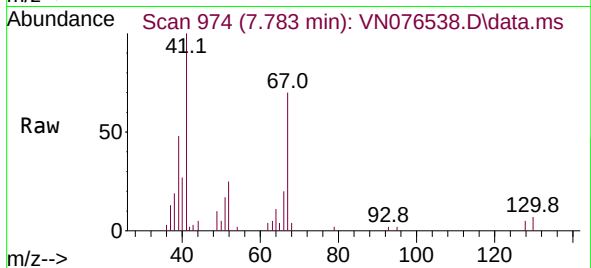
Tgt Ion: 78 Resp: 126779
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6





#41
Methacrylonitrile
Concen: 5.062 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

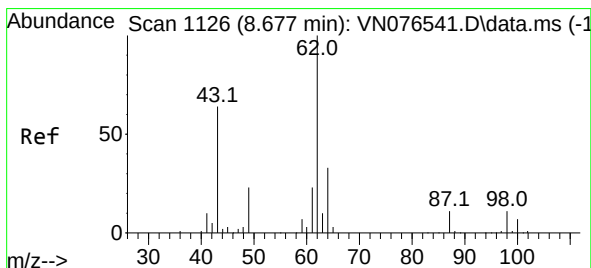
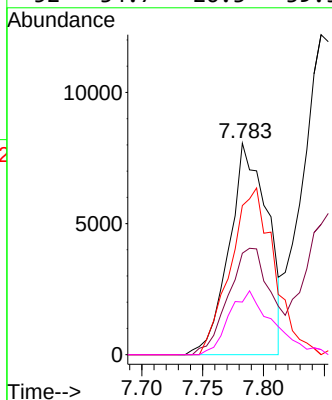
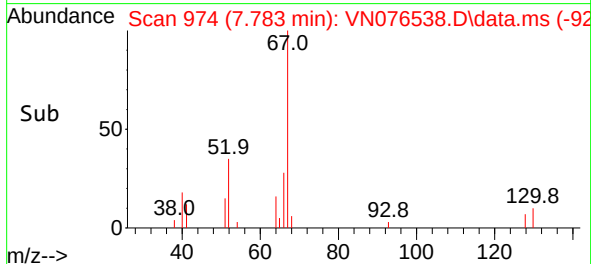
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



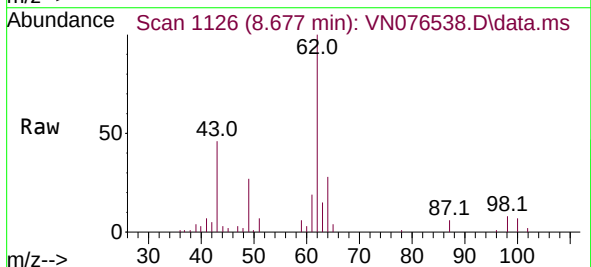
Tgt Ion: 41 Resp: 1769
Ion Ratio Lower Upper
41 100
39 56.8 45.0 67.4
67 90.0 70.0 105.0
52 34.7 26.3 39.5

Manual Integrations
APPROVED

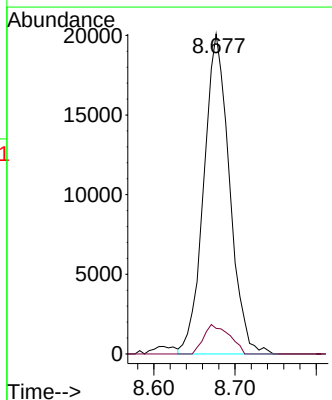
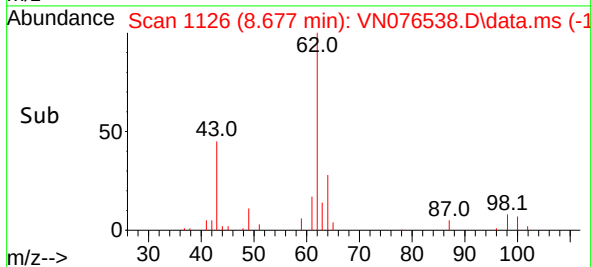
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

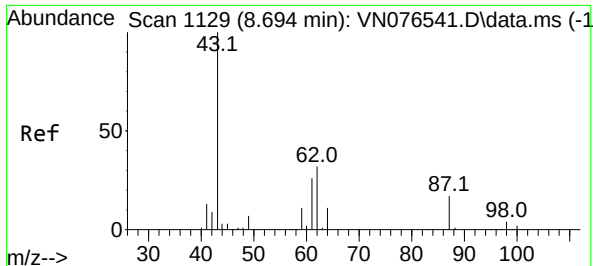


#42
1,2-Dichloroethane
Concen: 5.319 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46



Tgt Ion: 62 Resp: 44172
Ion Ratio Lower Upper
62 100
98 9.1 0.0 21.0





#43

Isopropyl Acetate

Concen: 4.906 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076538.D

Acq: 06 Feb 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

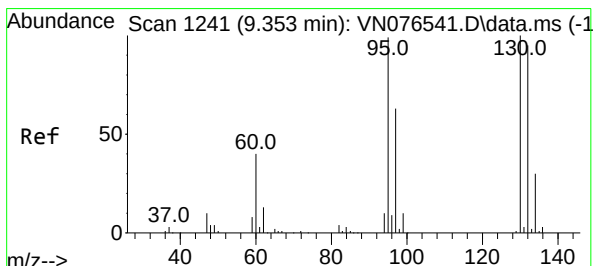
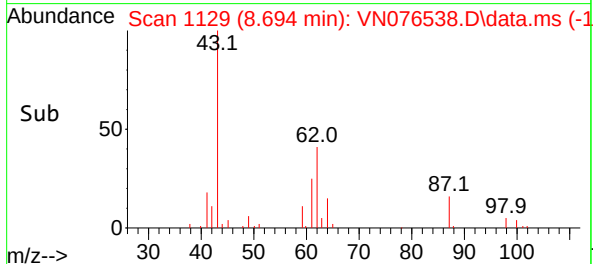
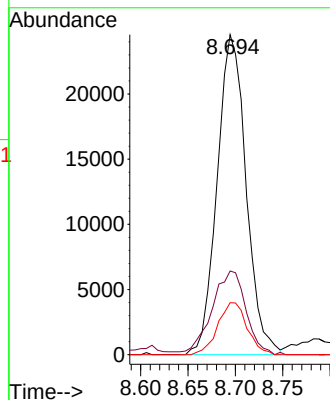
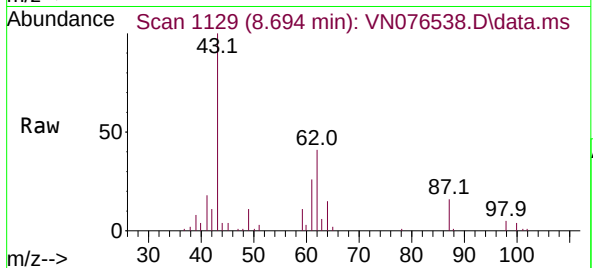
Tgt Ion: 43	Resp: 5223
Ion Ratio	Lower Upper
43	100
61	30.9 24.6 36.8
87	16.4 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#44

Trichloroethene

Concen: 5.099 ug/l

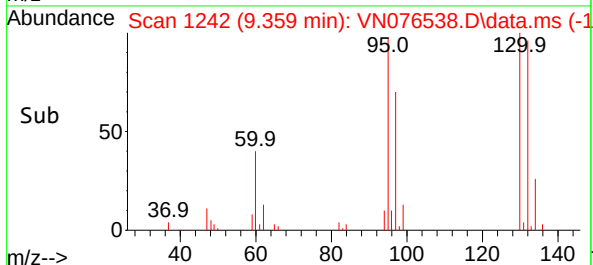
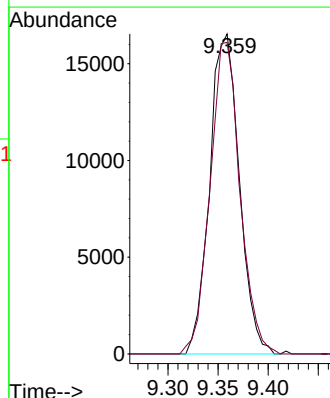
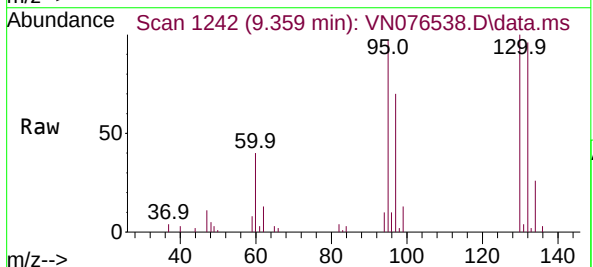
RT: 9.359 min Scan# 1242

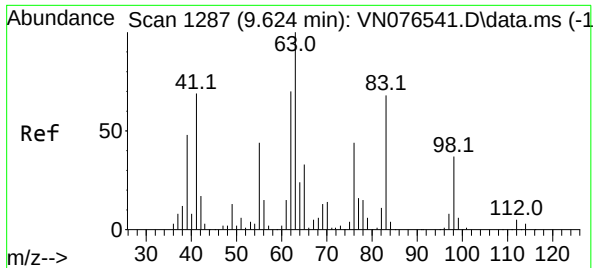
Delta R.T. 0.006 min

Lab File: VN076538.D

Acq: 06 Feb 2023 12:46

Tgt Ion:130	Resp: 34063
Ion Ratio	Lower Upper
130	100
95	97.3 0.0 197.6





#45

1,2-Dichloropropane

Concen: 5.013 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN076538.D

Acq: 06 Feb 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 30390

Ion Ratio Lower Upper

63 100

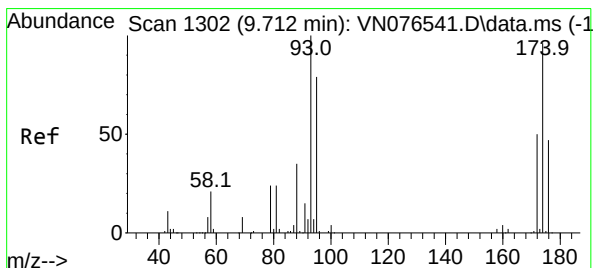
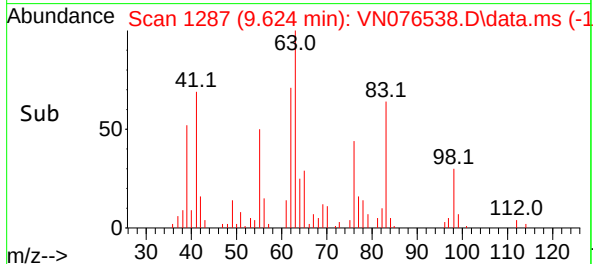
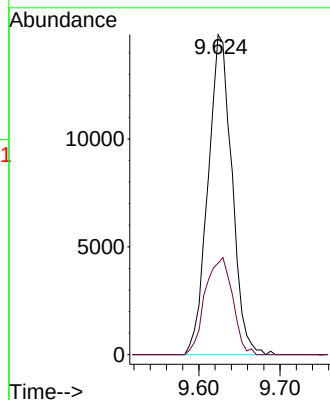
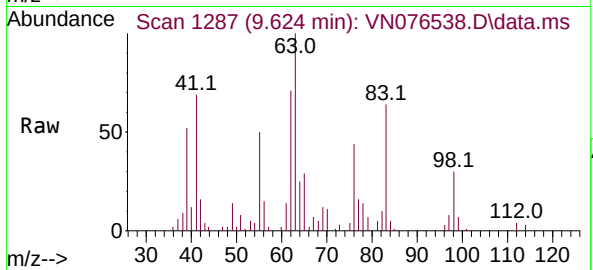
65 28.6 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#46

Dibromomethane

Concen: 5.008 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN076538.D

Acq: 06 Feb 2023 12:46

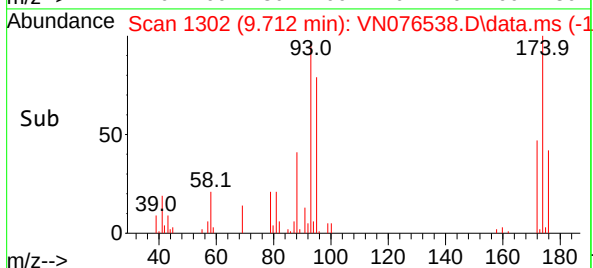
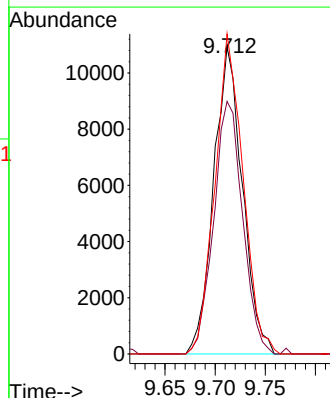
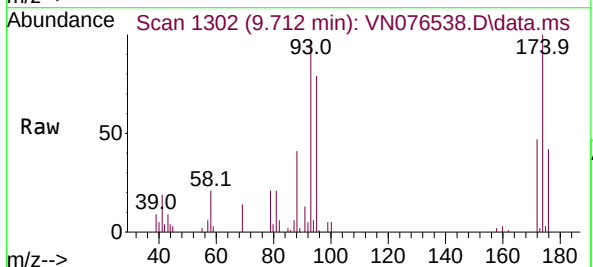
Tgt Ion: 93 Resp: 21771

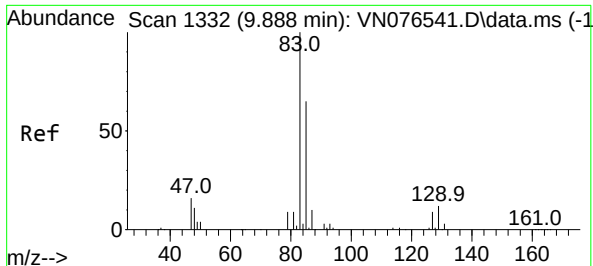
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.2

174 101.9 78.4 117.6





#47

Bromodichloromethane

Concen: 5.042 ug/l

RT: 9.894 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VN076538.D

Acq: 06 Feb 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

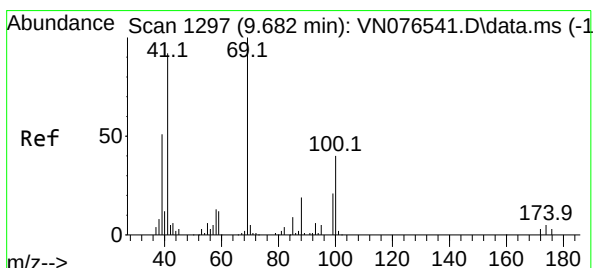
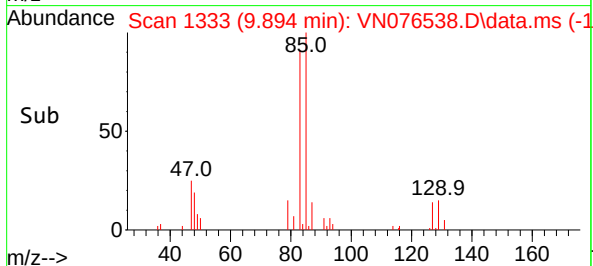
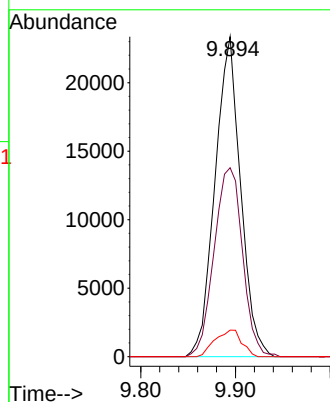
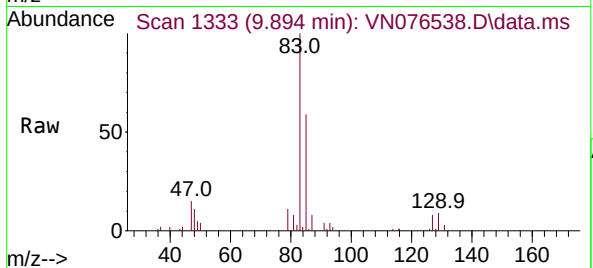
Tgt Ion:	83	Resp:	4386
Ion	Ratio	Lower	Upper
83	100		
85	59.0	52.0	78.0
127	8.3	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#48

Methyl methacrylate

Concen: 5.012 ug/l

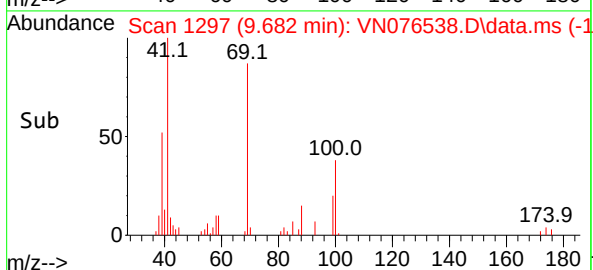
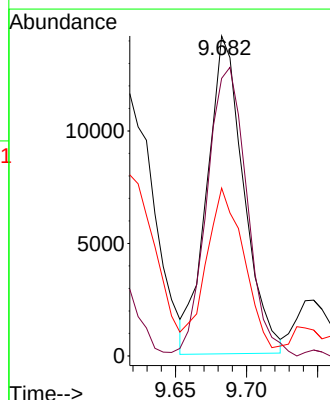
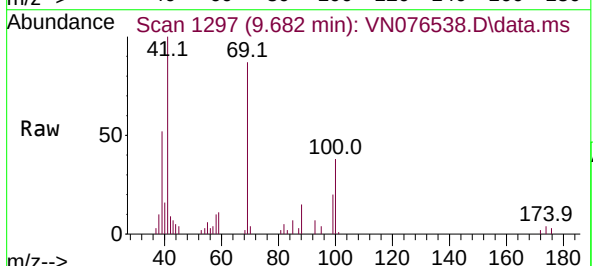
RT: 9.682 min Scan# 1297

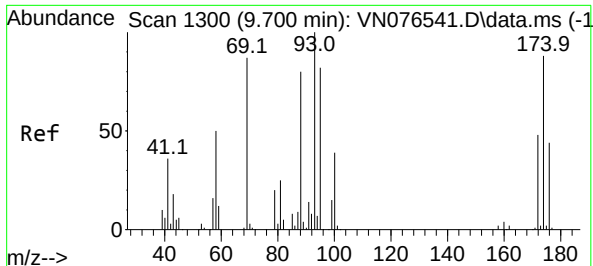
Delta R.T. 0.000 min

Lab File: VN076538.D

Acq: 06 Feb 2023 12:46

Tgt Ion:	41	Resp:	25489
Ion	Ratio	Lower	Upper
41	100		
69	98.2	82.0	123.0
39	55.7	45.0	67.4





#49

1,4-Dioxane

Concen: 99.783 ug/l

RT: 9.700 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VN076538.D

Acq: 06 Feb 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 1195

Ion Ratio Lower Upper

88 100

43 26.4 0.0 0.0

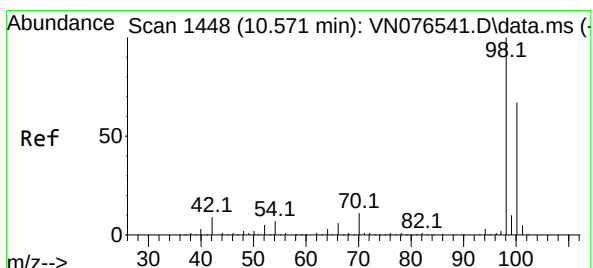
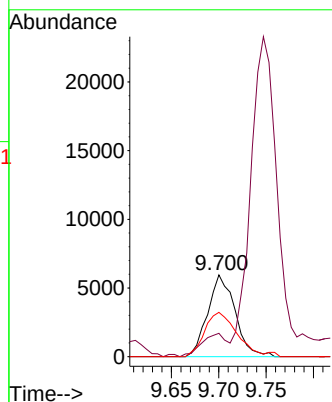
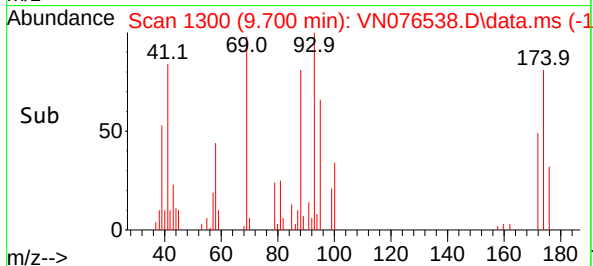
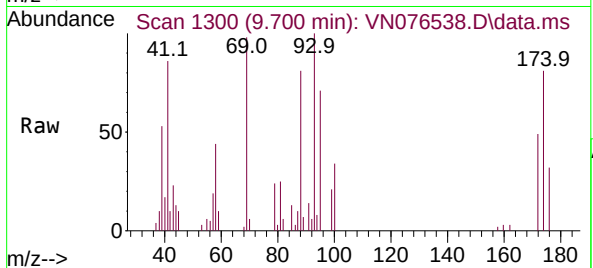
58 65.1 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#50

Toluene-d8

Concen: 3.879 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076538.D

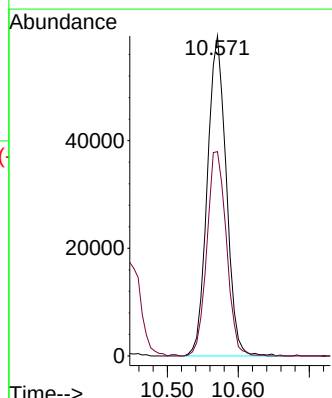
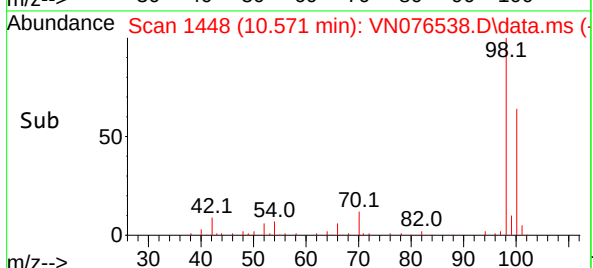
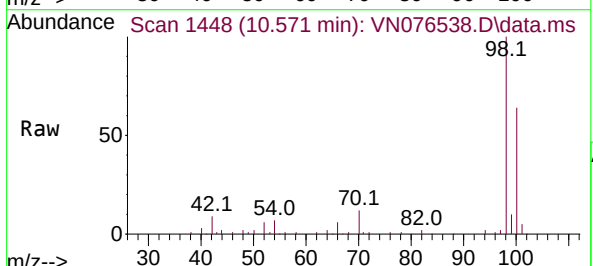
Acq: 06 Feb 2023 12:46

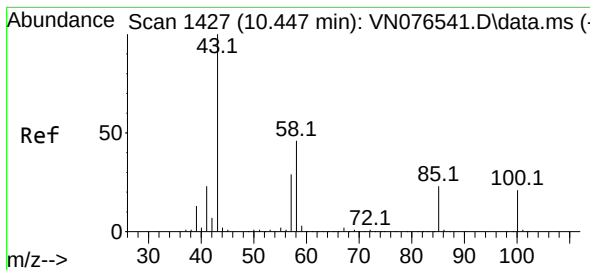
Tgt Ion: 98 Resp: 109844

Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1





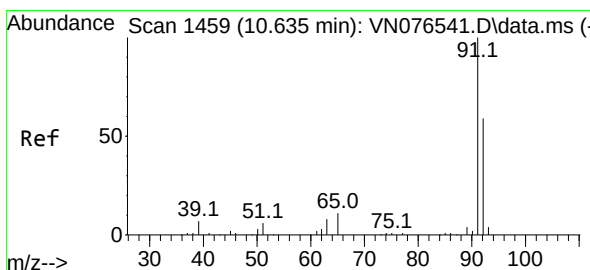
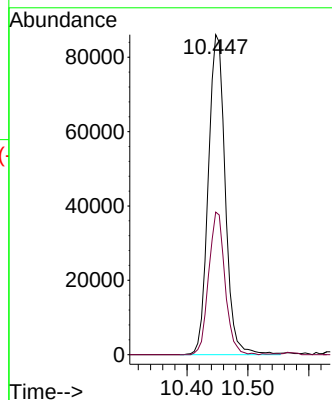
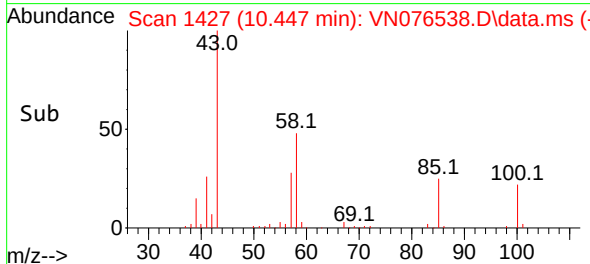
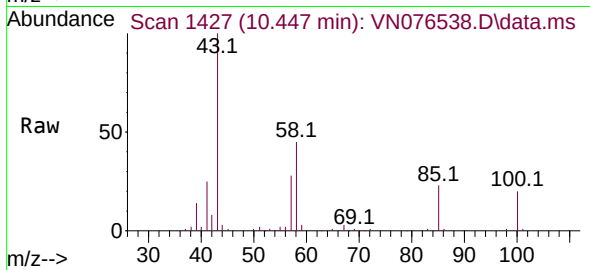
#51
4-Methyl-2-Pentanone
Concen: 26.088 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 16647
Ion Ratio Lower Upper
43 100
58 43.0 36.4 54.6

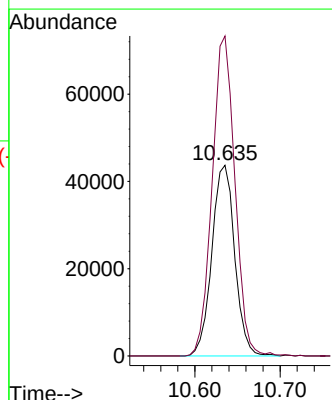
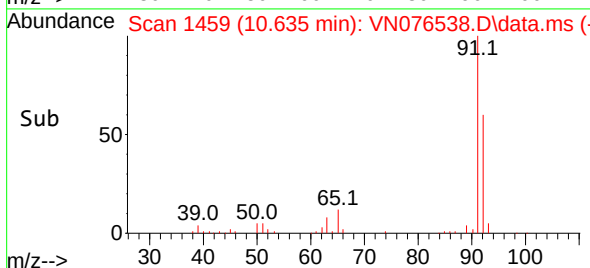
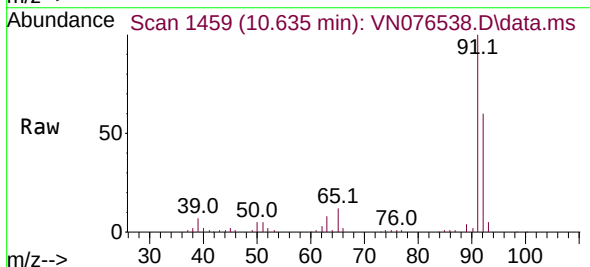
Manual Integrations
APPROVED

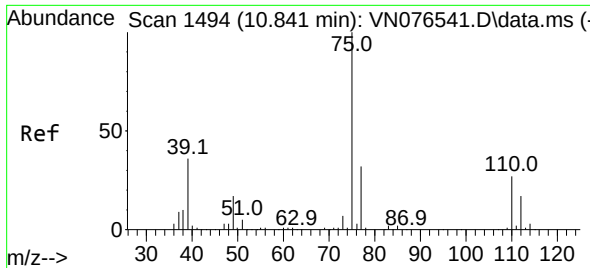
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#52
Toluene
Concen: 5.112 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

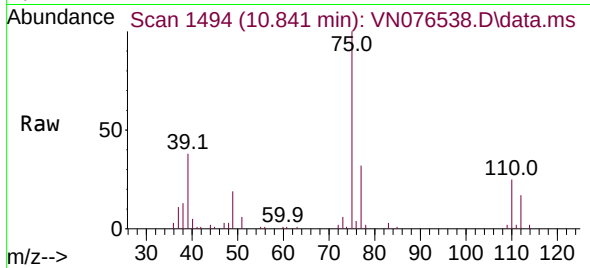
Tgt Ion: 92 Resp: 81521
Ion Ratio Lower Upper
92 100
91 167.0 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 4.662 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

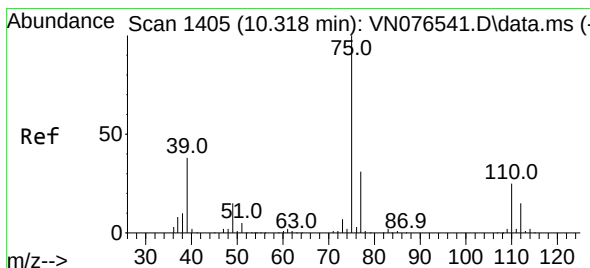
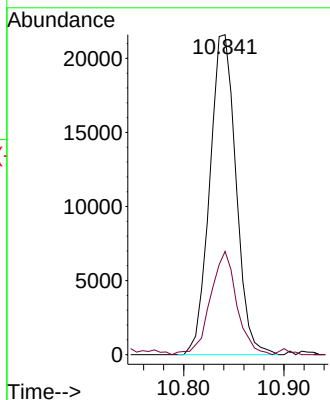
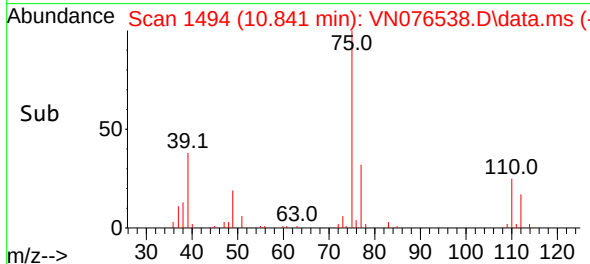
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



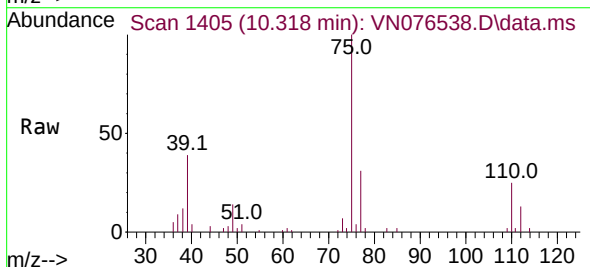
Tgt Ion: 75 Resp: 39254
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

Manual Integrations
APPROVED

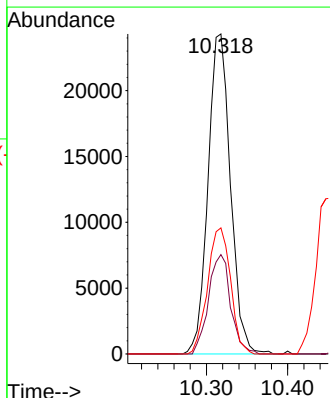
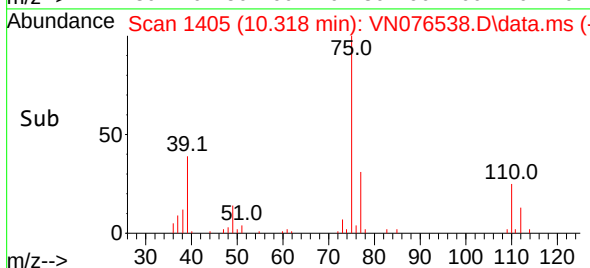
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

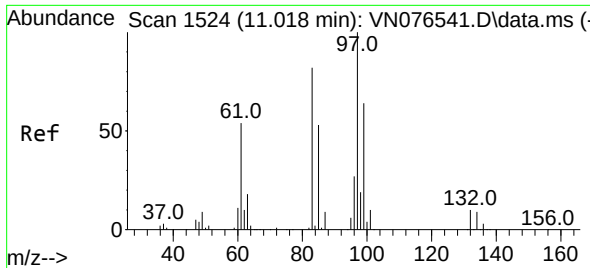


#54
cis-1,3-Dichloropropene
Concen: 4.910 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46



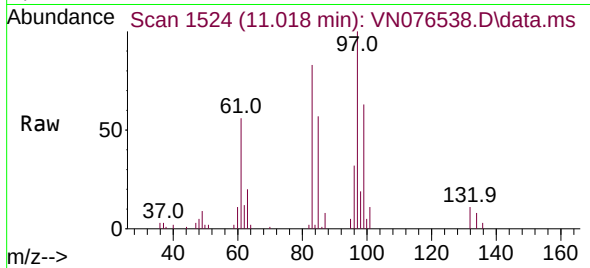
Tgt Ion: 75 Resp: 46645
Ion Ratio Lower Upper
75 100
77 31.0 25.1 37.7
39 39.4 30.6 45.8





#55
1,1,2-Trichloroethane
Concen: 5.152 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

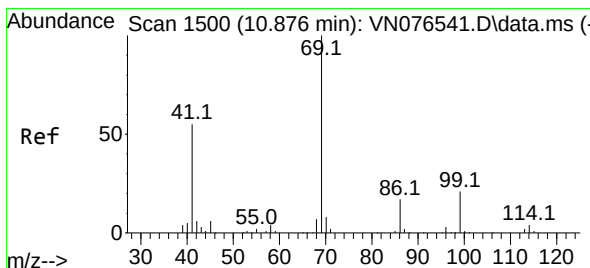
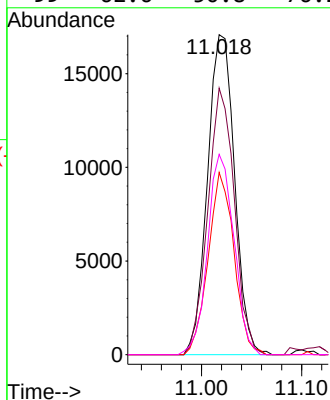
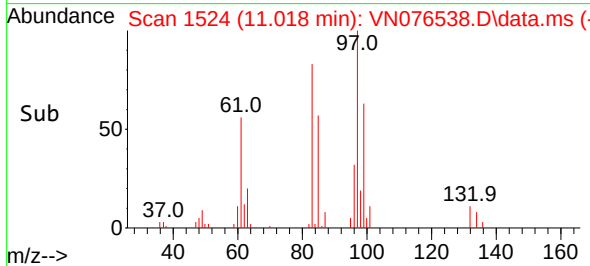


Tgt Ion: 97 Resp: 3216

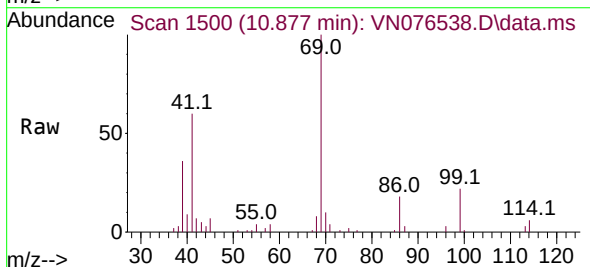
Ion	Ratio	Lower	Upper
97	100		
83	83.3	65.8	98.6
85	57.0	42.3	63.5
99	62.6	50.8	76.2

Manual Integrations
APPROVED

Reviewed By :John Carbone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

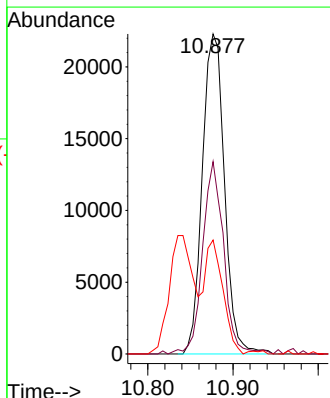
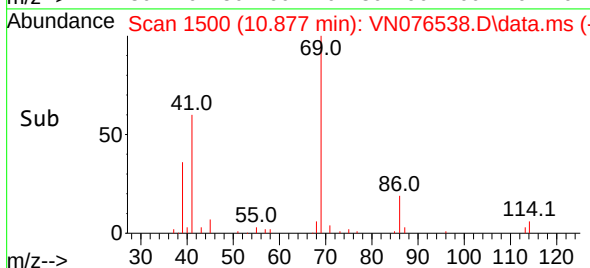


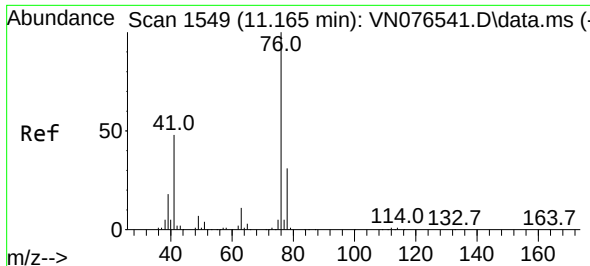
#56
Ethyl methacrylate
Concen: 4.810 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46



Tgt Ion: 69 Resp: 40300

Ion	Ratio	Lower	Upper
69	100		
41	57.3	43.8	65.6
39	29.1	21.4	32.2





#57

1,3-Dichloropropane

Concen: 5.282 ug/l

RT: 11.171 min Scan# 111

Delta R.T. 0.006 min

Lab File: VN076538.D

Acq: 06 Feb 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 54424

Ion Ratio Lower Upper

76 100

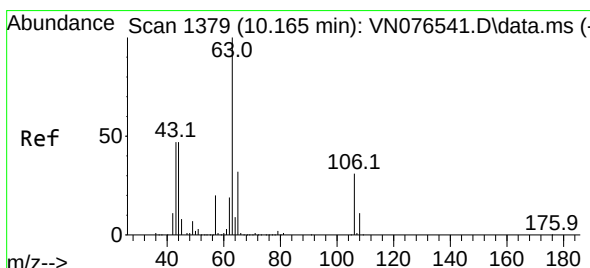
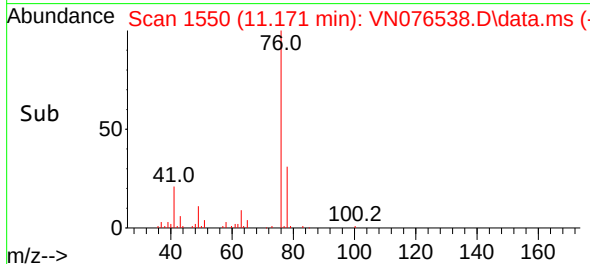
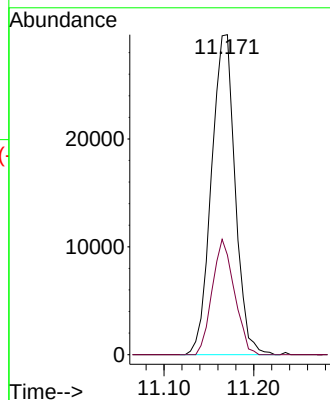
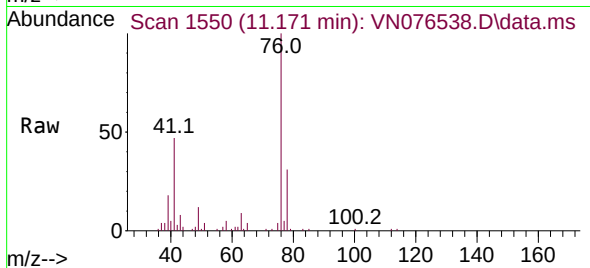
78 33.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#58

2-Chloroethyl Vinyl ether

Concen: 26.407 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076538.D

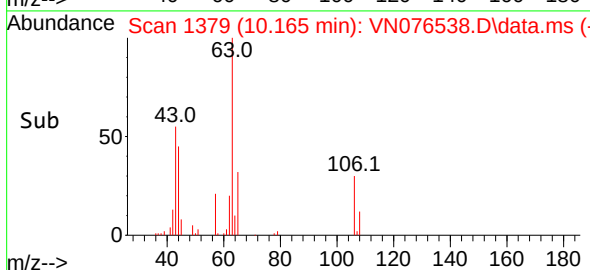
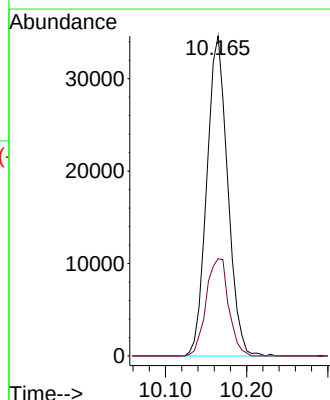
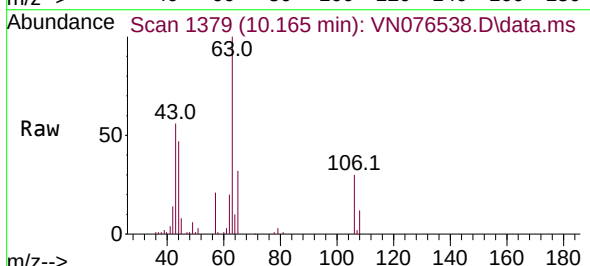
Acq: 06 Feb 2023 12:46

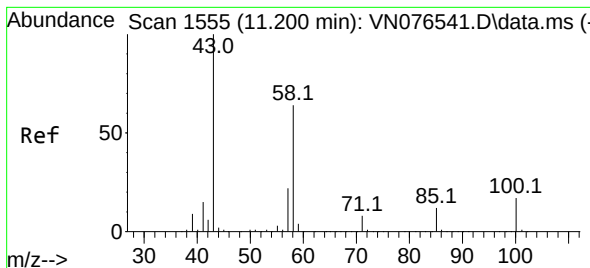
Tgt Ion: 63 Resp: 61744

Ion Ratio Lower Upper

63 100

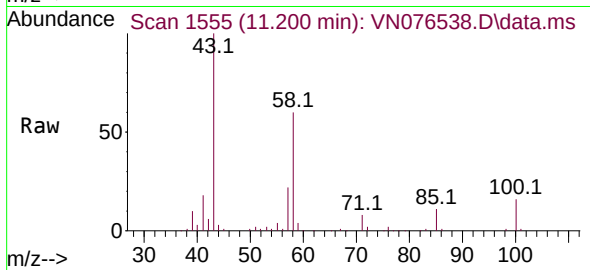
106 32.8 25.0 37.6





#59
2-Hexanone
Concen: 26.626 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

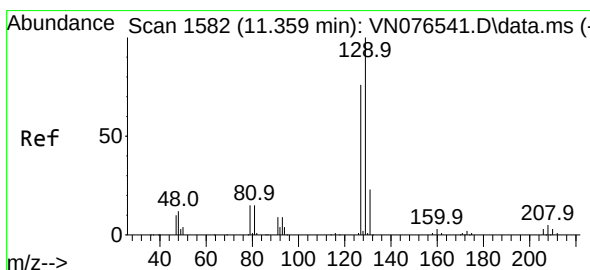
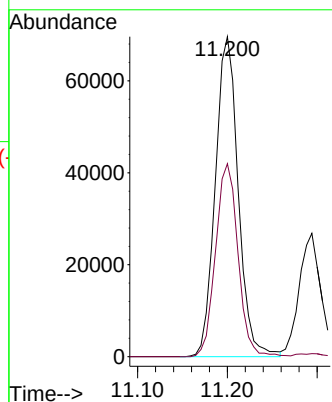
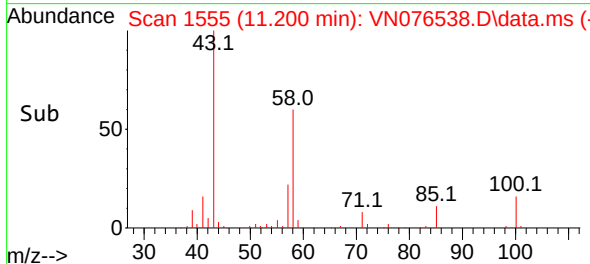
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 123430
Ion Ratio Lower Upper
43 100
58 59.0 31.9 95.7

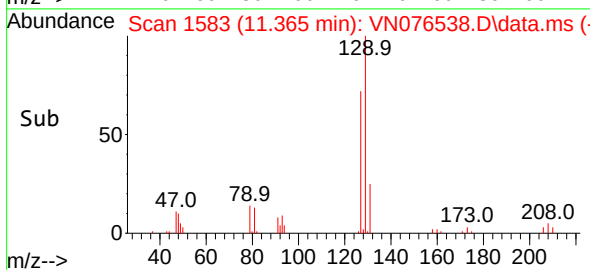
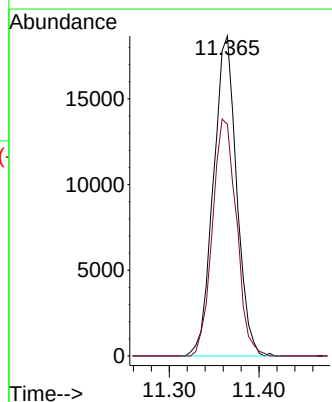
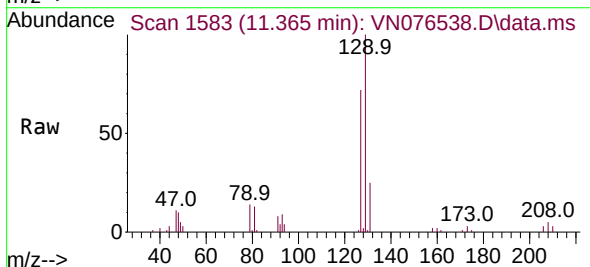
Manual Integrations
APPROVED

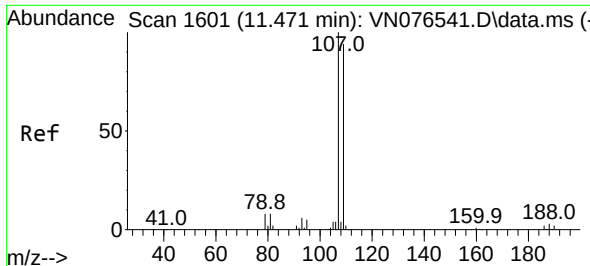
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#60
Dibromochloromethane
Concen: 5.053 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Tgt Ion:129 Resp: 33521
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3





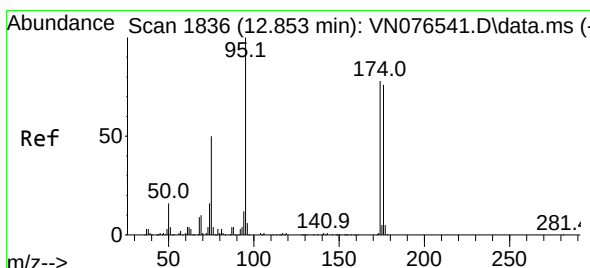
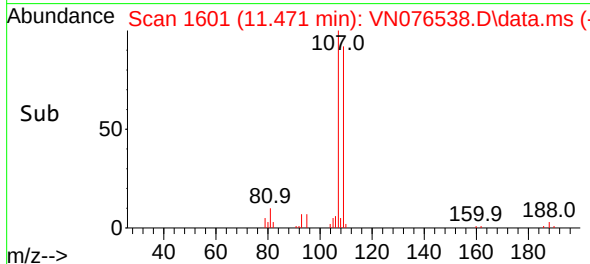
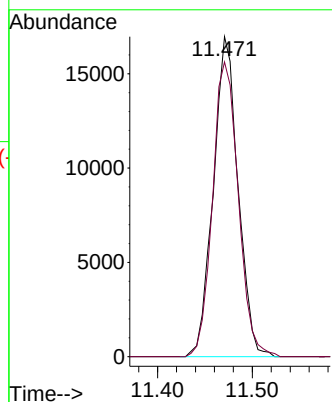
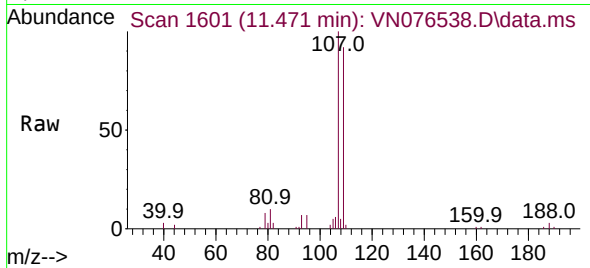
#61
1,2-Dibromoethane
Concen: 4.940 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 3080
Ion Ratio Lower Upper
107 100
109 95.9 74.9 112.3

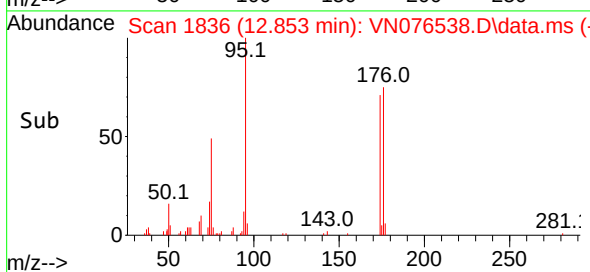
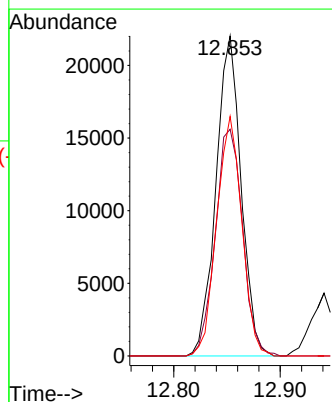
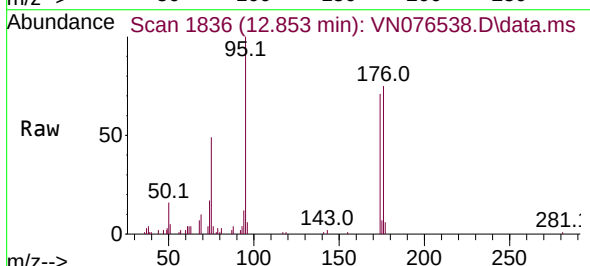
Manual Integrations
APPROVED

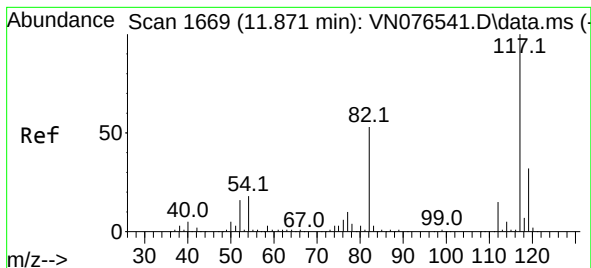
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#62
4-Bromofluorobenzene
Concen: 3.891 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

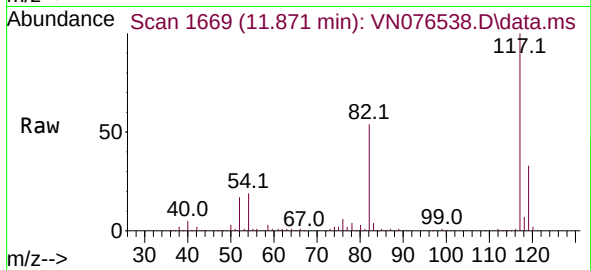
Tgt Ion: 95 Resp: 36164
Ion Ratio Lower Upper
95 100
174 76.7 0.0 153.4
176 75.0 0.0 149.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

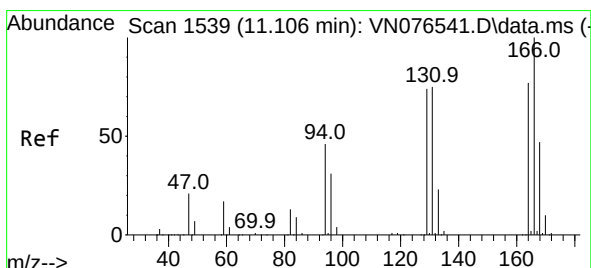
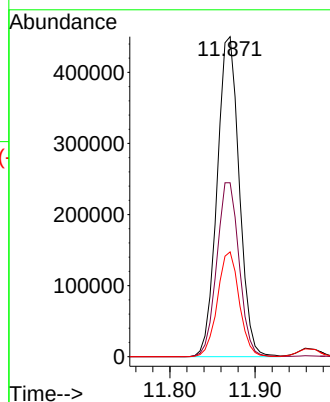
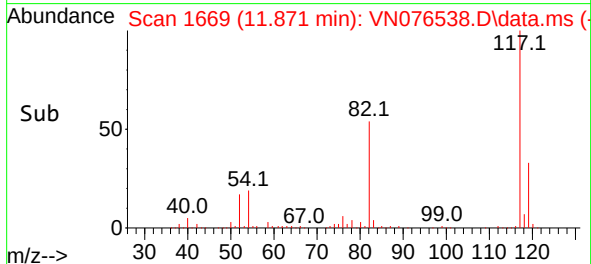
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



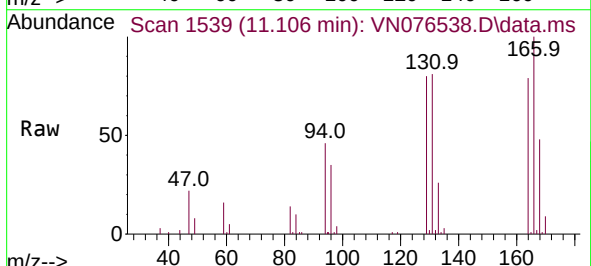
Tgt Ion:117 Resp: 813500
Ion Ratio Lower Upper
117 100
82 54.4 42.4 63.6
119 32.8 25.8 38.8

Manual Integrations
APPROVED

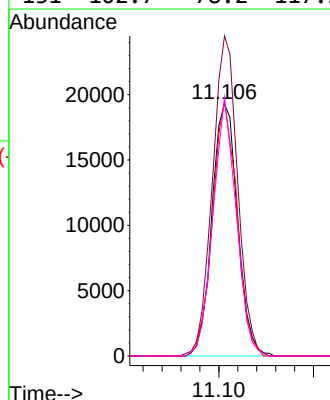
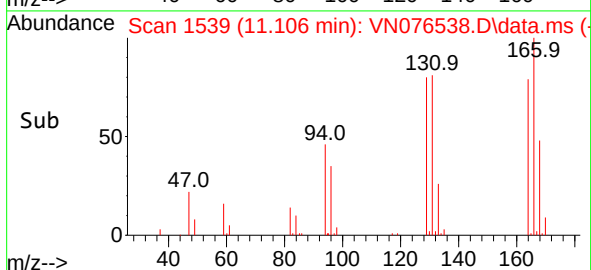
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

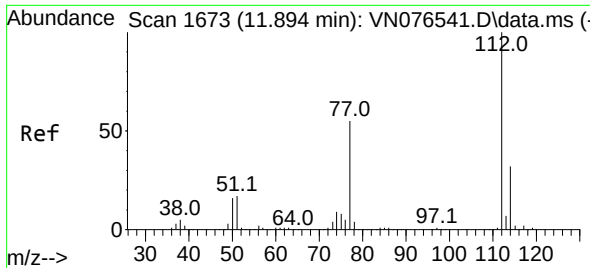


#64
Tetrachloroethene
Concen: 5.287 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46



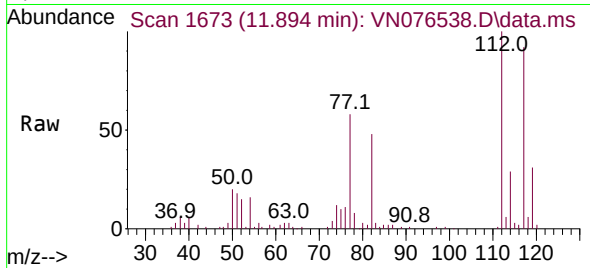
Tgt Ion:164 Resp: 36308
Ion Ratio Lower Upper
164 100
166 126.9 104.3 156.5
129 101.1 77.7 116.5
131 102.7 78.2 117.2





#65
Chlorobenzene
Concen: 5.098 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

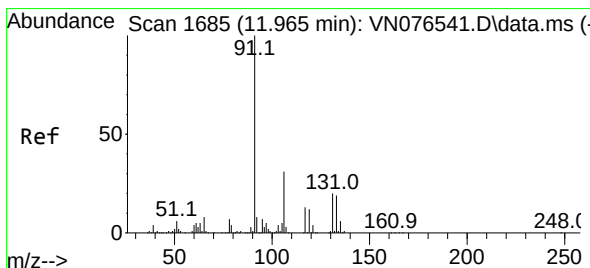
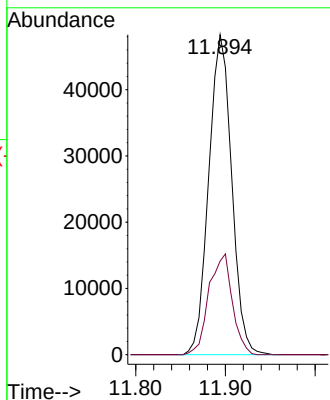
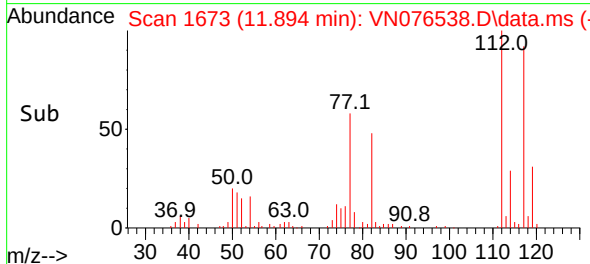
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



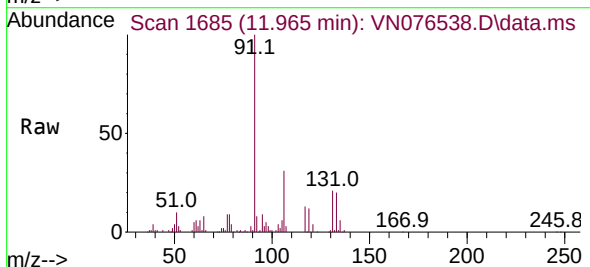
Tgt Ion:112 Resp: 85768
Ion Ratio Lower Upper
112 100
114 29.3 25.8 38.8

Manual Integrations
APPROVED

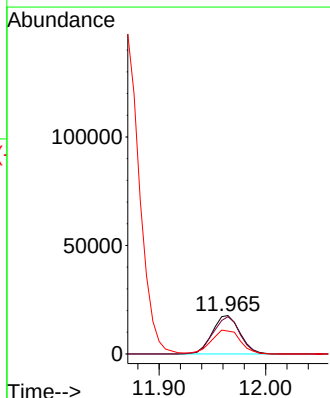
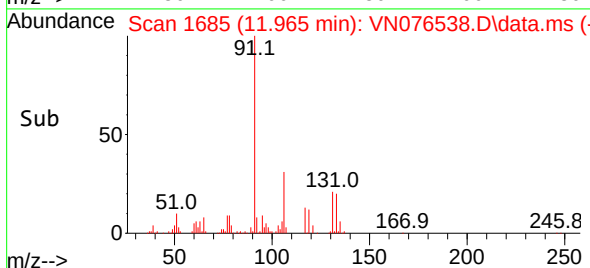
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

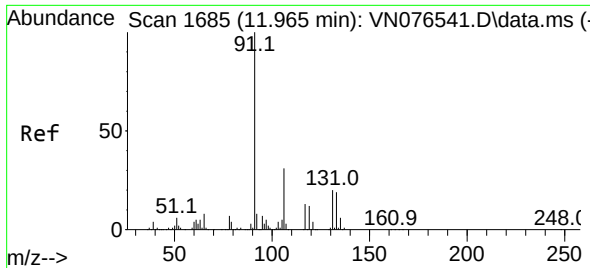


#66
1,1,1,2-Tetrachloroethane
Concen: 5.183 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46



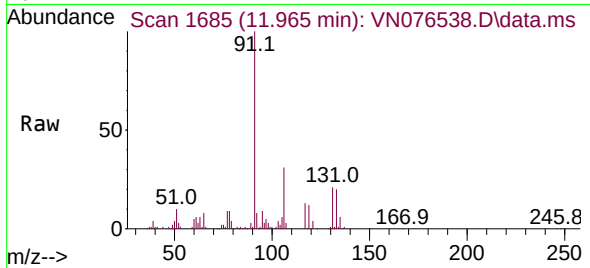
Tgt Ion:131 Resp: 31957
Ion Ratio Lower Upper
131 100
133 94.0 47.5 142.5
119 65.1 31.6 94.7





#67
Ethyl Benzene
Concen: 4.939 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

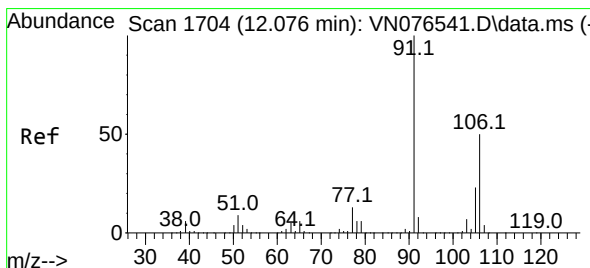
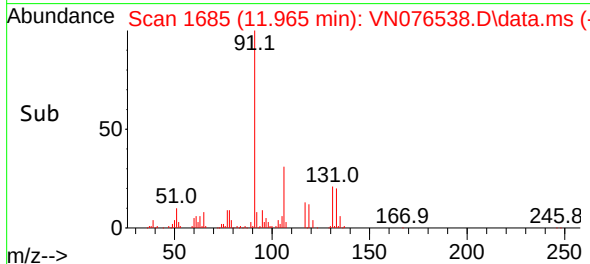
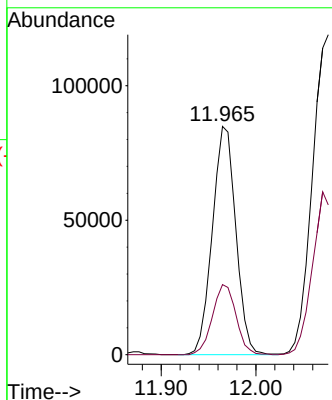
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 146258
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6

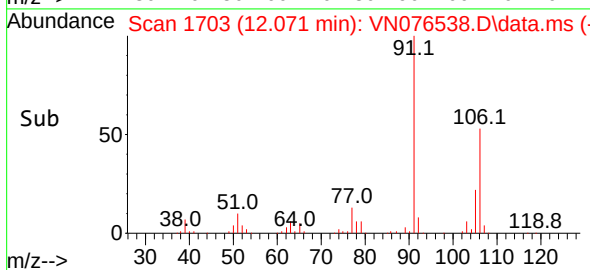
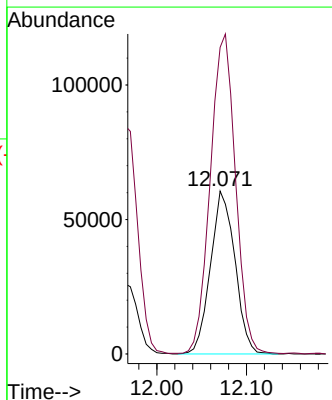
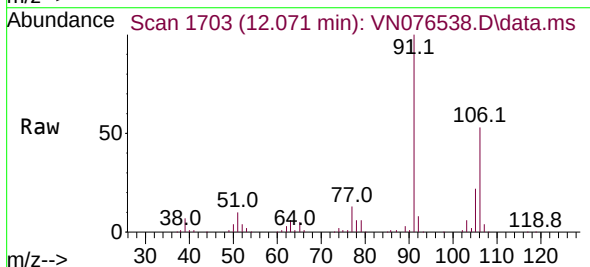
Manual Integrations
APPROVED

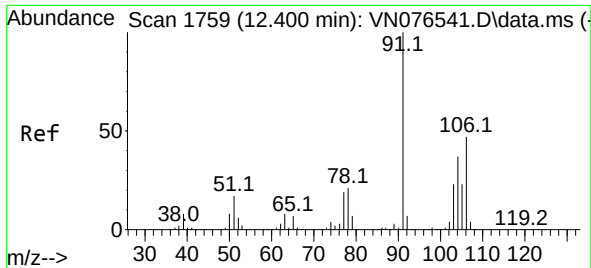
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#68
m/p-Xylenes
Concen: 9.985 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Tgt Ion:106 Resp: 114670
Ion Ratio Lower Upper
106 100
91 201.8 160.2 240.4





#69

o-Xylene

Concen: 4.959 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN076538.D

Acq: 06 Feb 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:106 Resp: 5596

Ion Ratio Lower Upper

106 100

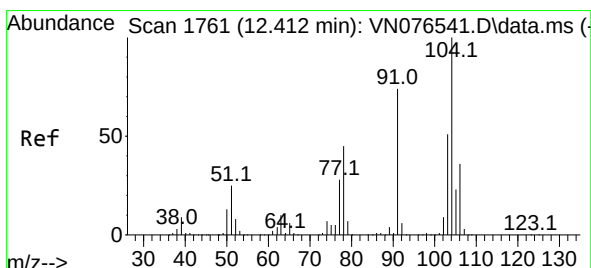
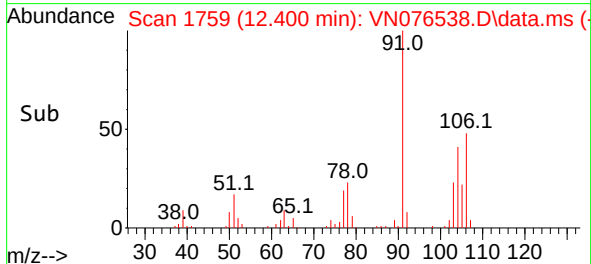
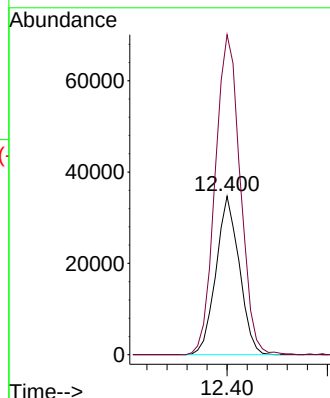
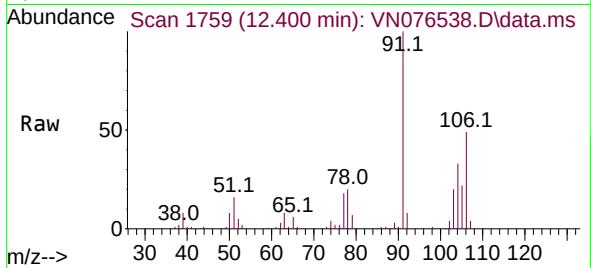
91 217.3 105.7 317.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#70

Styrene

Concen: 4.798 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VN076538.D

Acq: 06 Feb 2023 12:46

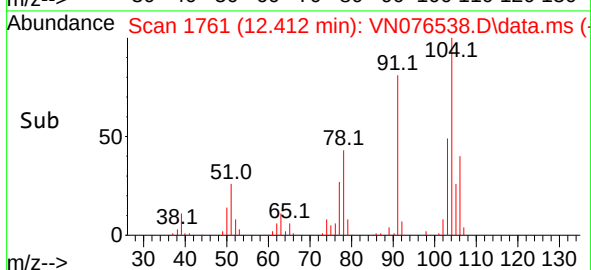
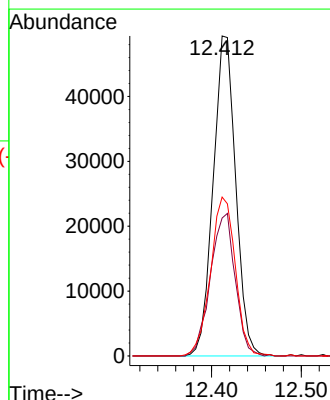
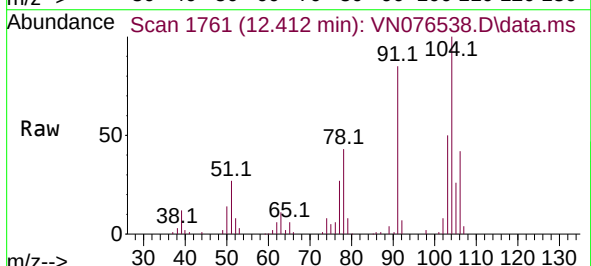
Tgt Ion:104 Resp: 86137

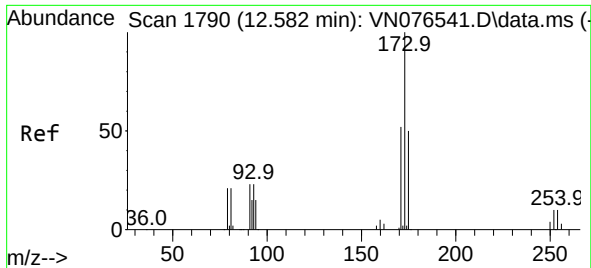
Ion Ratio Lower Upper

104 100

78 48.9 38.6 58.0

103 54.5 43.6 65.4





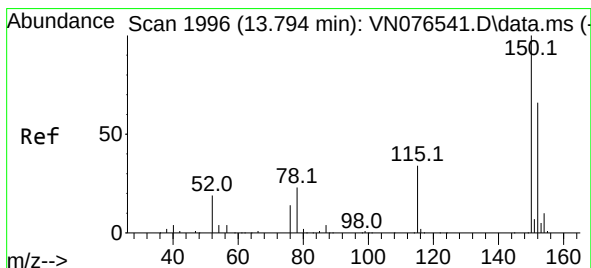
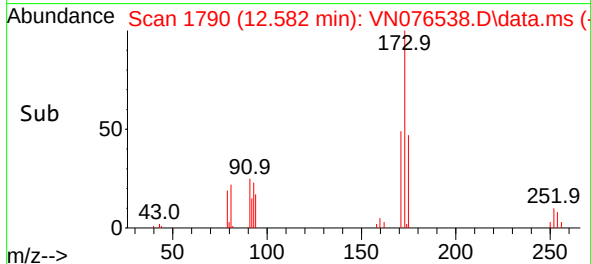
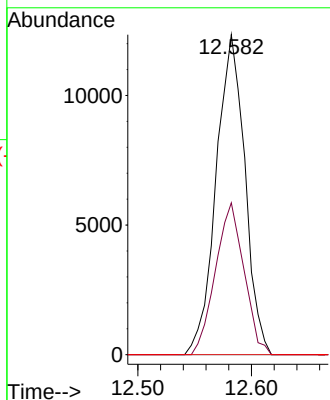
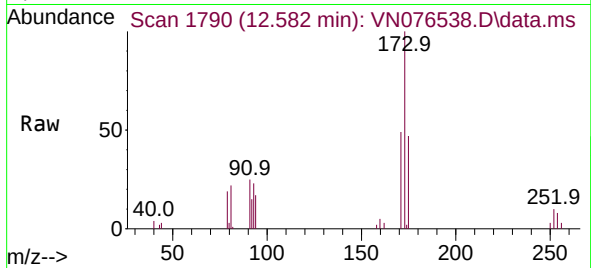
#71
Bromoform
Concen: 4.929 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 2168
Ion Ratio Lower Upper
173 100
175 47.2 24.6 74.0
254 0.0 0.0 0.0

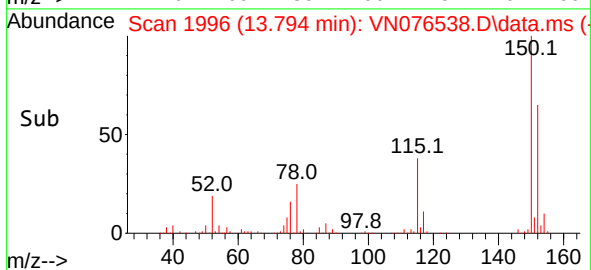
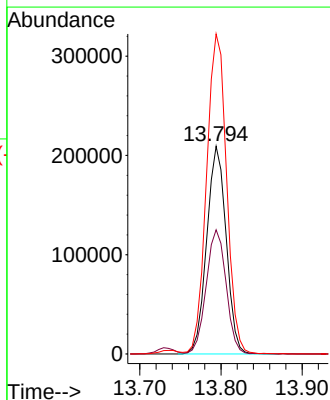
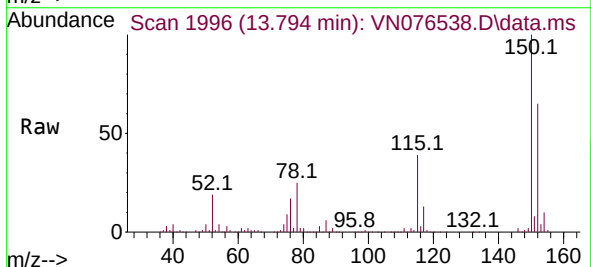
Manual Integrations
APPROVED

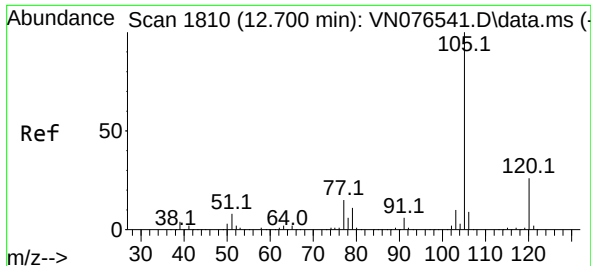
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Tgt Ion:152 Resp: 347469
Ion Ratio Lower Upper
152 100
115 61.4 30.5 91.5
150 158.9 0.0 352.0





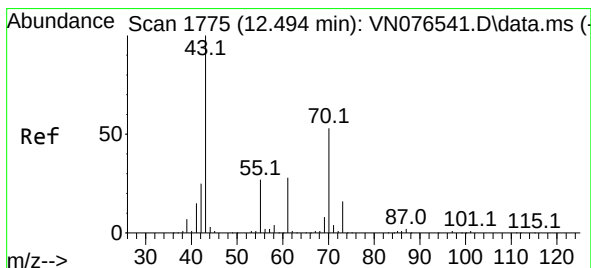
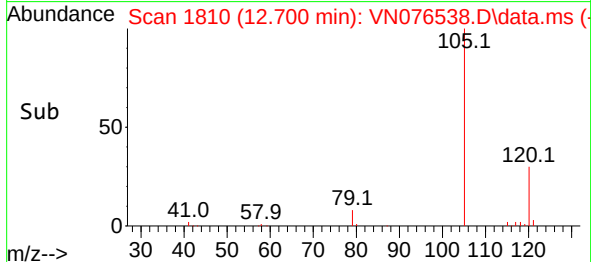
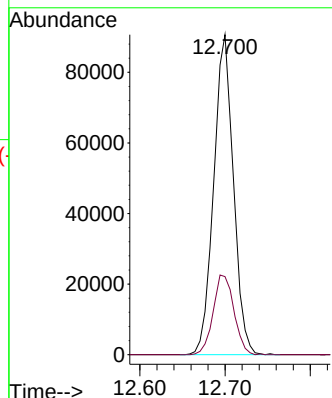
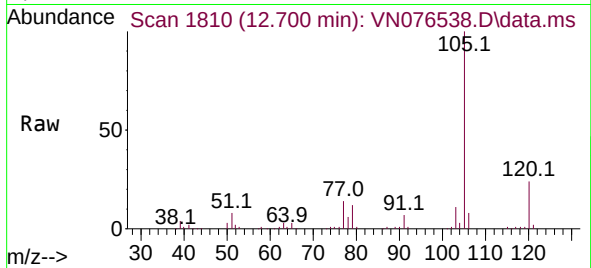
#73
Isopropylbenzene
Concen: 5.249 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 145378
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0

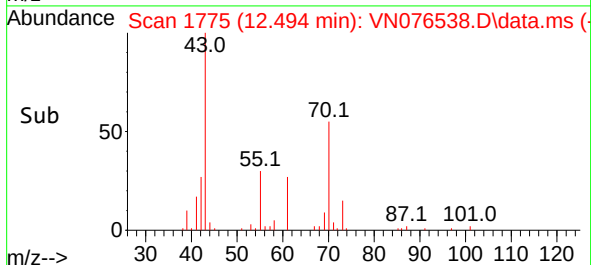
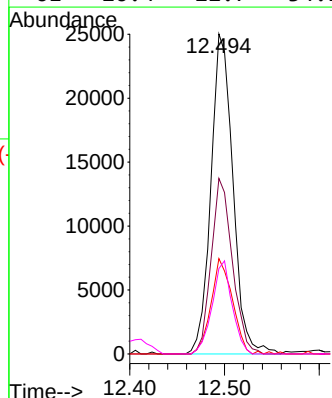
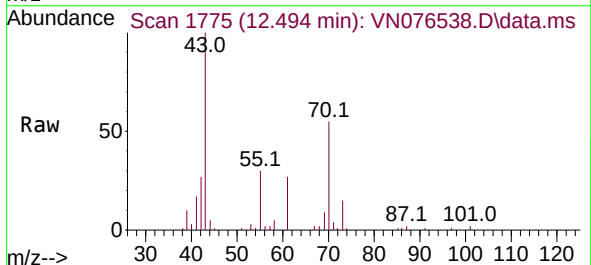
Manual Integrations
APPROVED

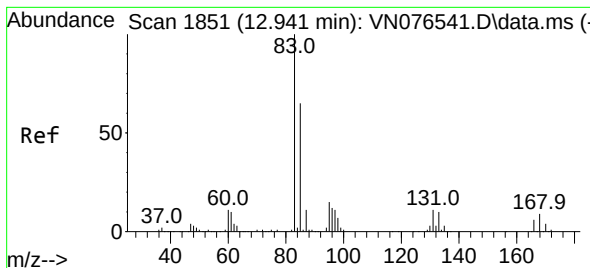
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#74
N-ethyl acetate
Concen: 5.002 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

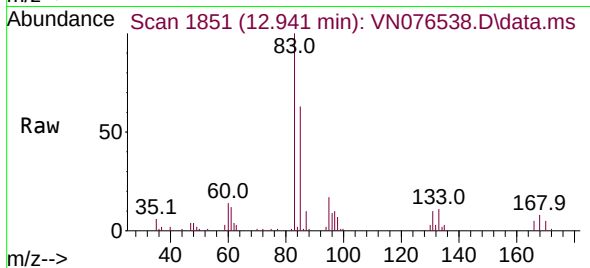
Tgt Ion: 43 Resp: 40382
Ion Ratio Lower Upper
43 100
70 52.8 42.6 64.0
55 28.9 22.3 33.5
61 26.4 22.7 34.1





#75
1,1,2,2-Tetrachloroethane
Concen: 5.490 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

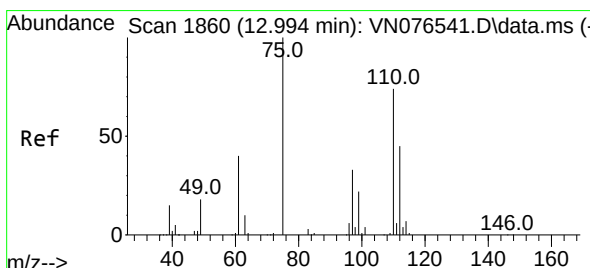
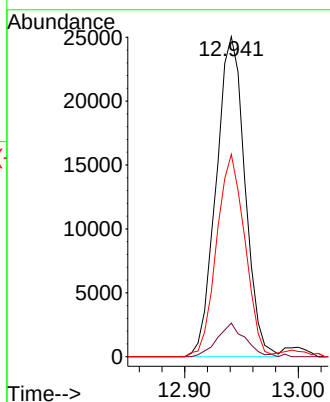
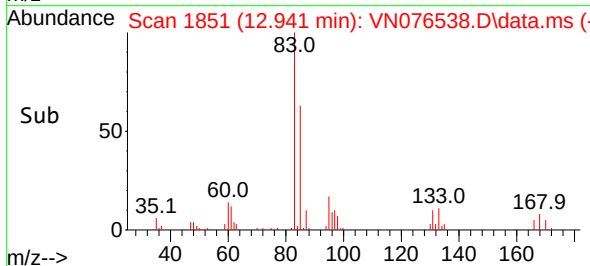
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



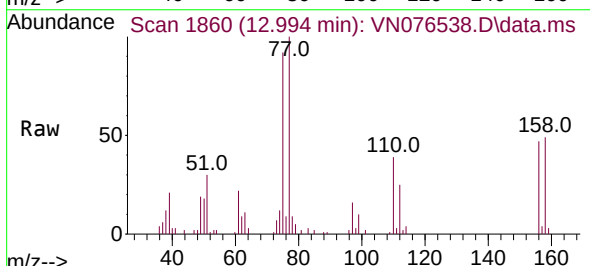
Tgt Ion: 83 Resp: 44070
Ion Ratio Lower Upper
83 100
131 10.3 5.5 16.7
85 62.1 32.3 96.8

Manual Integrations
APPROVED

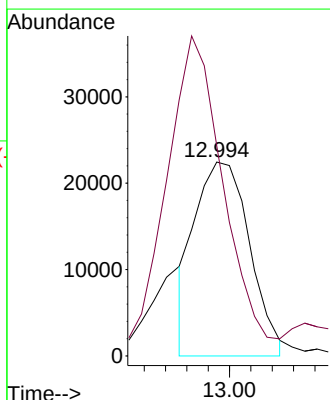
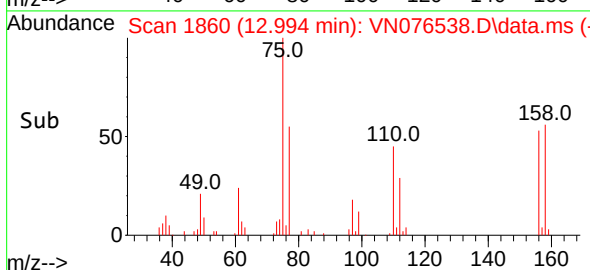
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

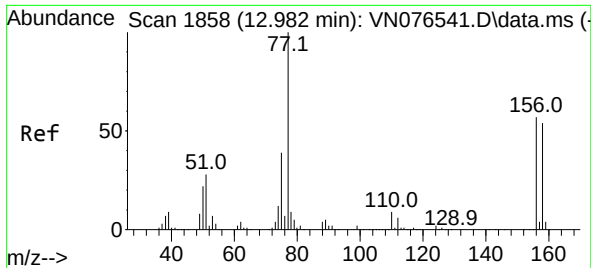


#76
1,2,3-Trichloropropane
Concen: 5.300 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46



Tgt Ion: 75 Resp: 39951
Ion Ratio Lower Upper
75 100
77 174.9 86.8 260.3





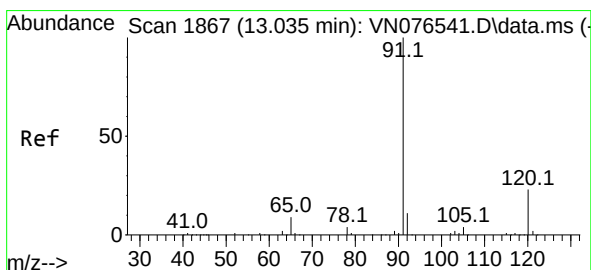
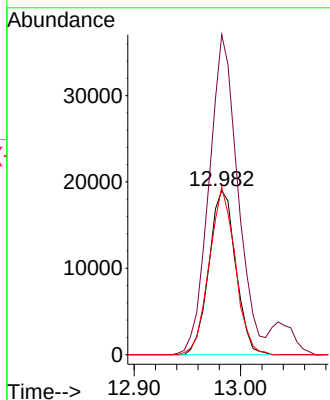
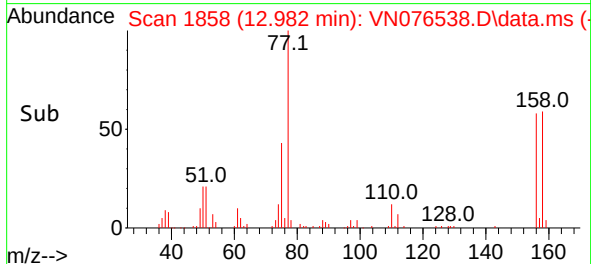
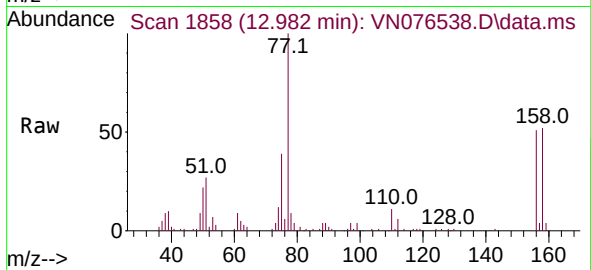
#77
Bromobenzene
Concen: 5.086 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 156 Resp: 3314
Ion Ratio Lower Upper
156 100
77 210.8 101.2 303.6
158 98.9 48.5 145.6

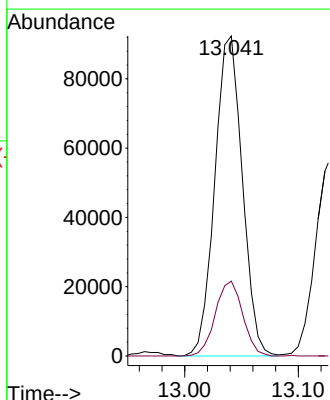
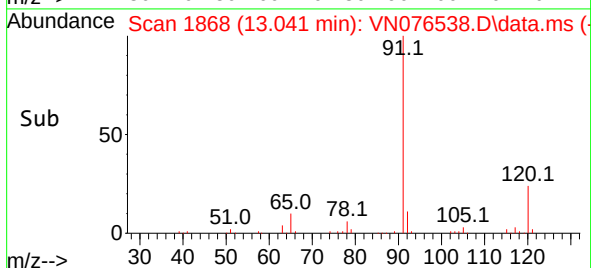
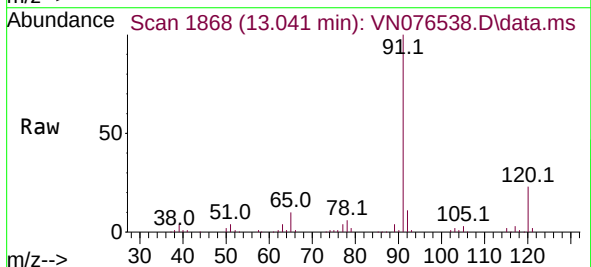
Manual Integrations
APPROVED

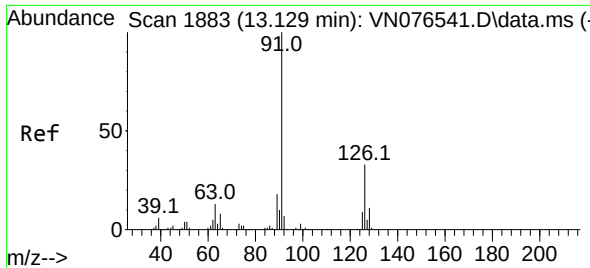
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#78
n-propylbenzene
Concen: 5.050 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Tgt Ion: 91 Resp: 155627
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5





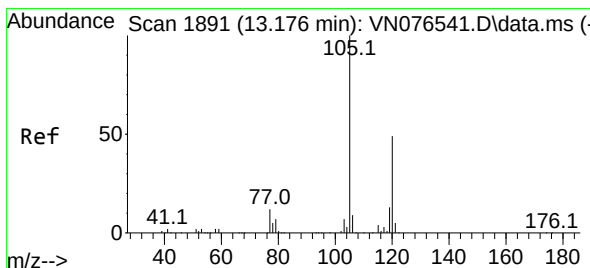
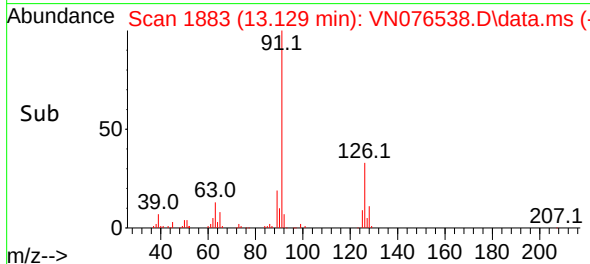
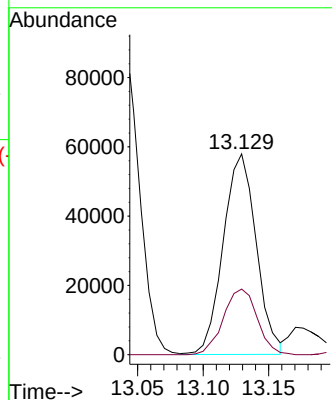
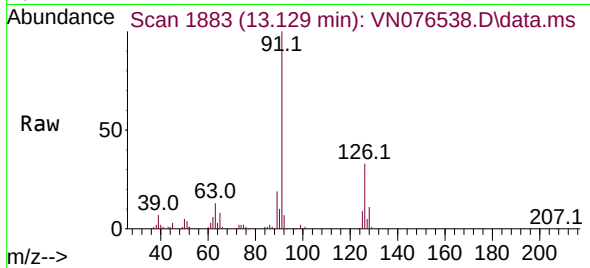
#79
2-Chlorotoluene
Concen: 5.180 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 101330
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.3

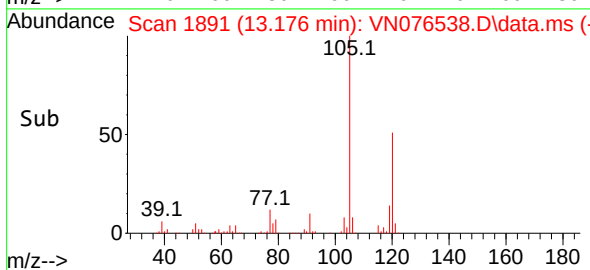
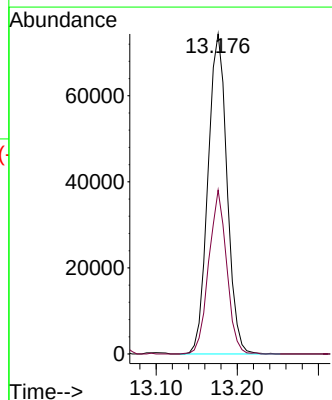
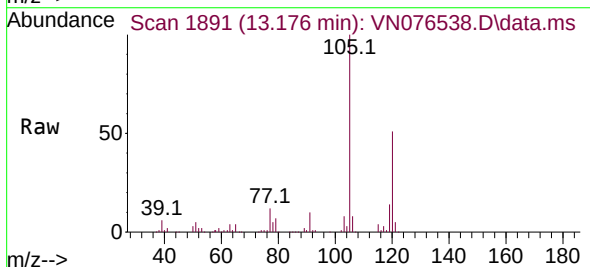
Manual Integrations
APPROVED

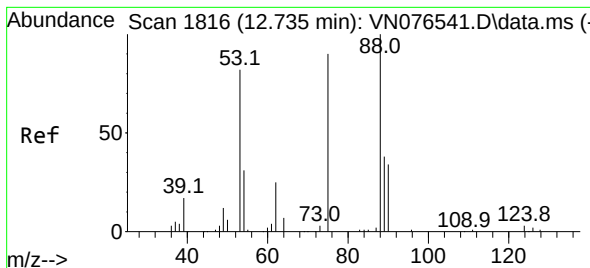
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 5.159 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Tgt Ion:105 Resp: 121117
Ion Ratio Lower Upper
105 100
120 48.1 24.2 72.6





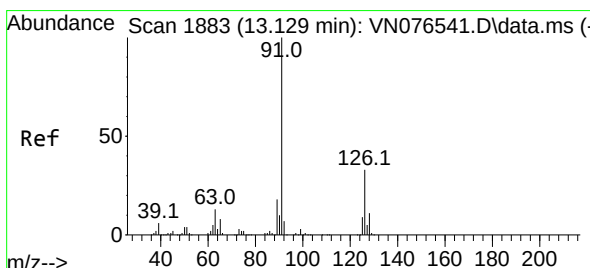
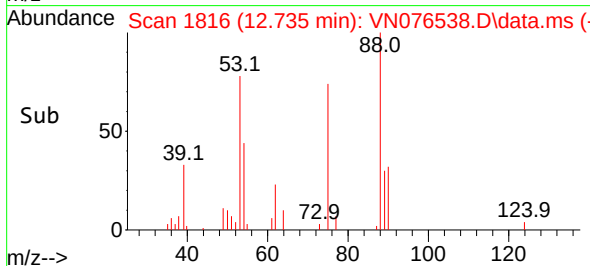
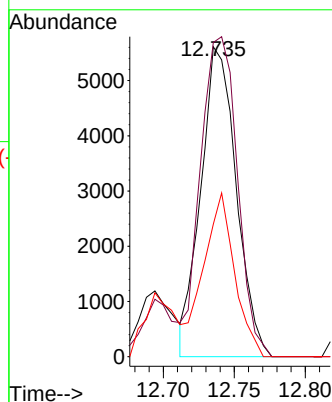
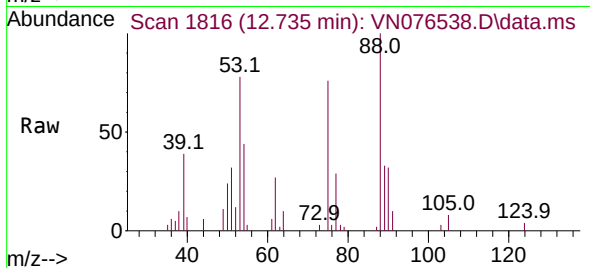
#81
trans-1,4-Dichloro-2-butene
Concen: 4.581 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 973
Ion Ratio Lower Upper
75 100
53 107.3 72.7 109.1
89 46.7 38.4 57.6

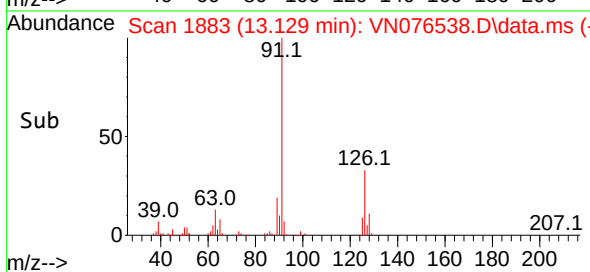
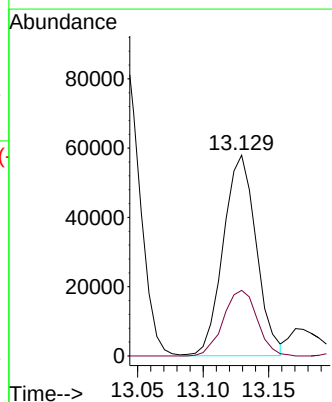
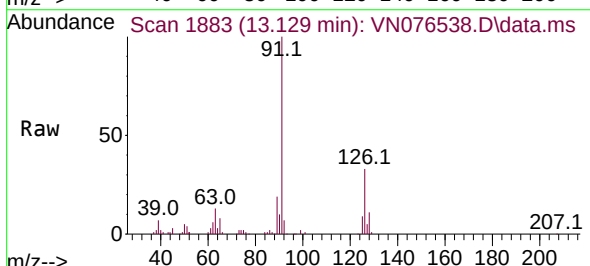
Manual Integrations
APPROVED

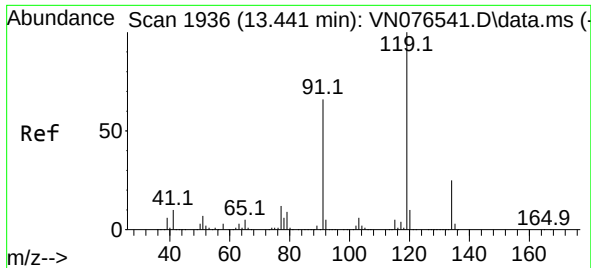
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#82
4-Chlorotoluene
Concen: 5.180 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

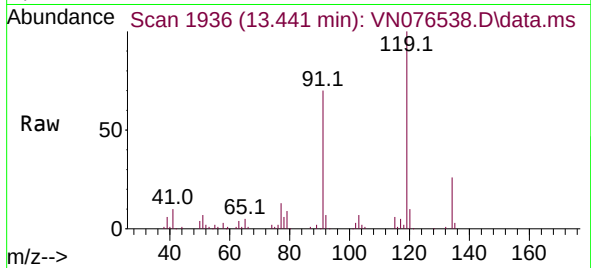
Tgt Ion: 91 Resp: 101330
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.3





#83
tert-Butylbenzene
Concen: 5.208 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

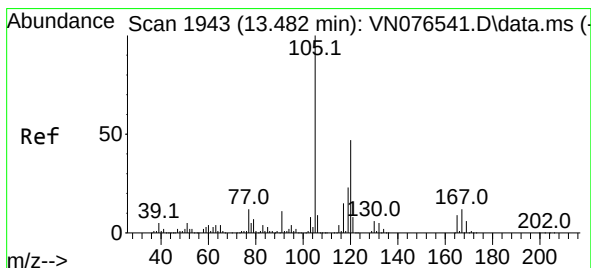
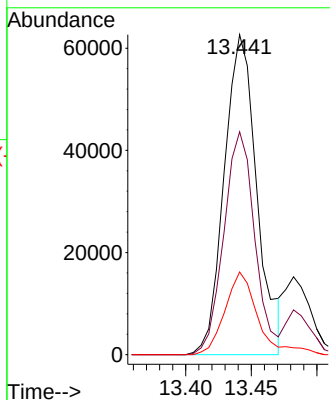
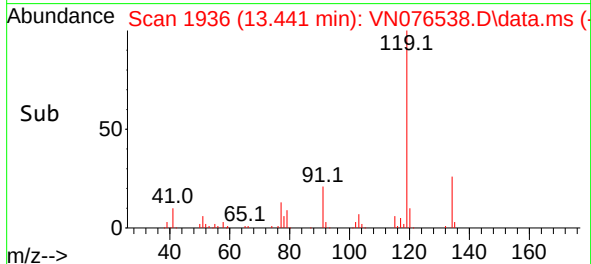
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



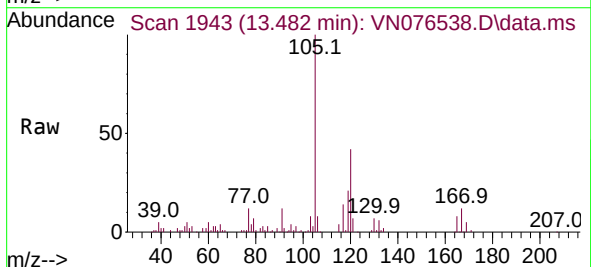
Tgt Ion:119 Resp: 10872
Ion Ratio Lower Upper
119 100
91 66.0 32.1 96.3
134 26.1 12.9 38.6

Manual Integrations
APPROVED

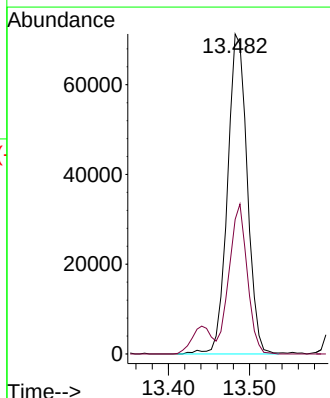
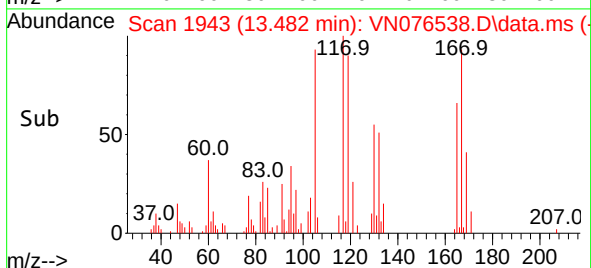
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

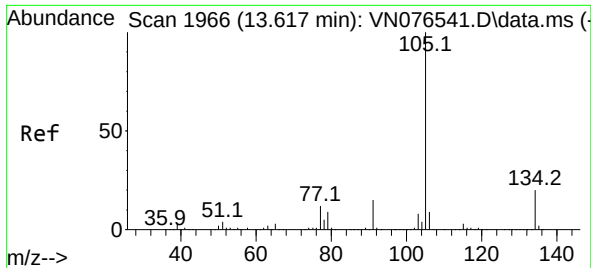


#84
1,2,4-Trimethylbenzene
Concen: 5.160 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46



Tgt Ion:105 Resp: 120175
Ion Ratio Lower Upper
105 100
120 42.9 22.5 67.5





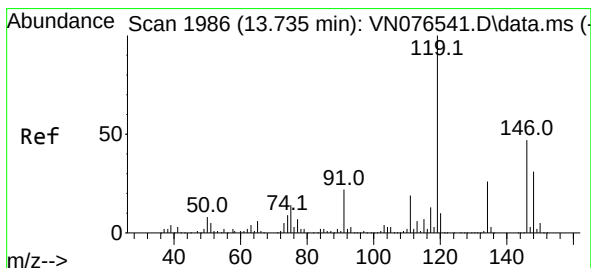
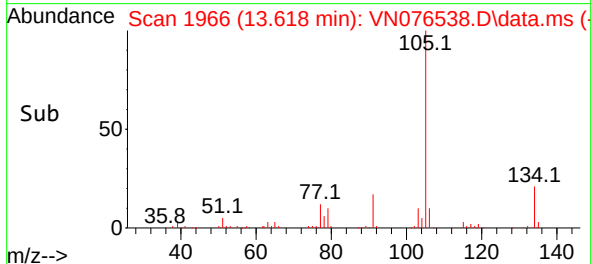
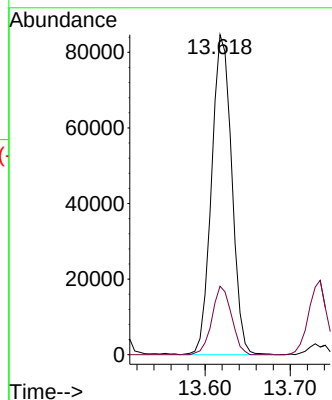
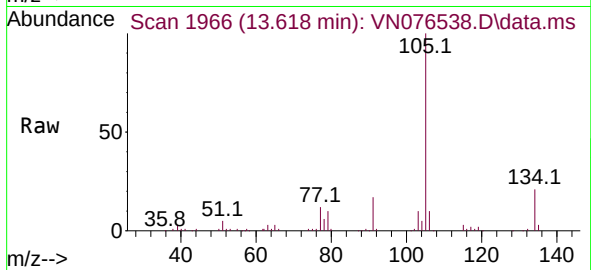
#85
 sec-Butylbenzene
 Concen: 4.947 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076538.D
 Acq: 06 Feb 2023 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 13923
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.0 30.0

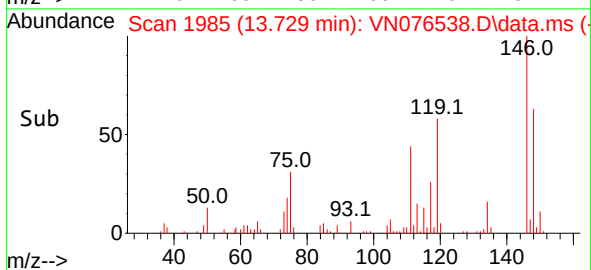
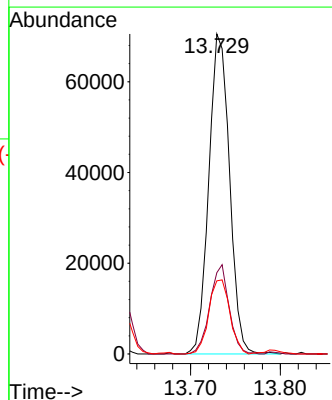
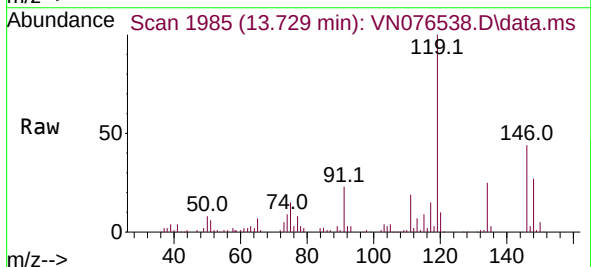
Manual Integrations
 APPROVED

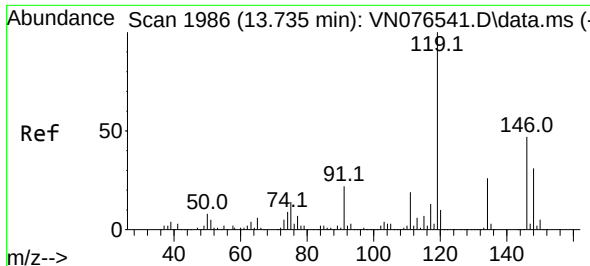
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023



#86
 p-Isopropyltoluene
 Concen: 4.934 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN076538.D
 Acq: 06 Feb 2023 12:46

Tgt Ion:119 Resp: 113075
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.6
 91 23.6 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 5.081 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076538.D

Acq: 06 Feb 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 61329

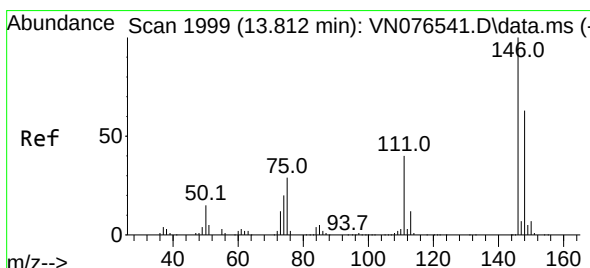
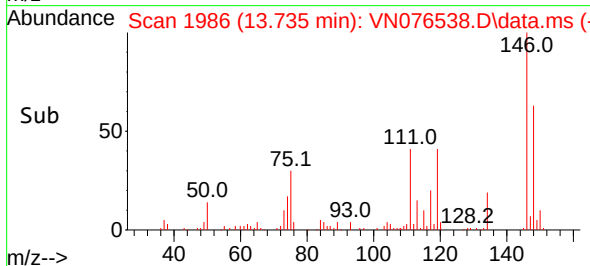
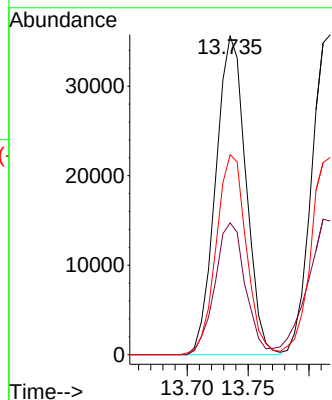
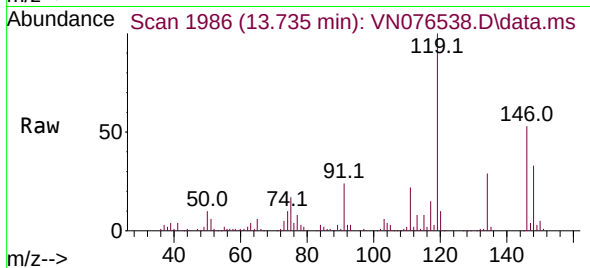
Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.5	61.5
148	62.7	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#88

1,4-Dichlorobenzene

Concen: 5.043 ug/l

RT: 13.818 min Scan# 2000

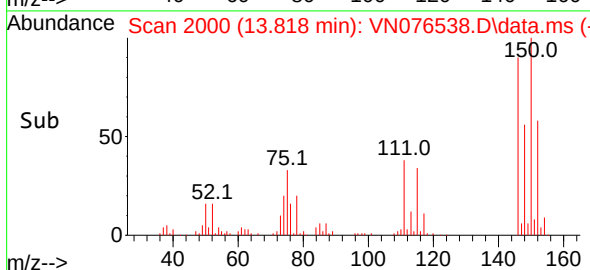
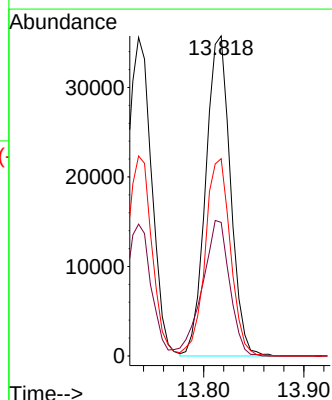
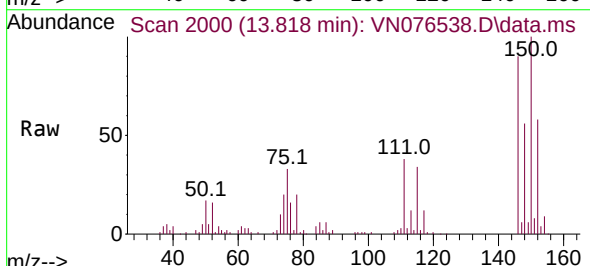
Delta R.T. 0.006 min

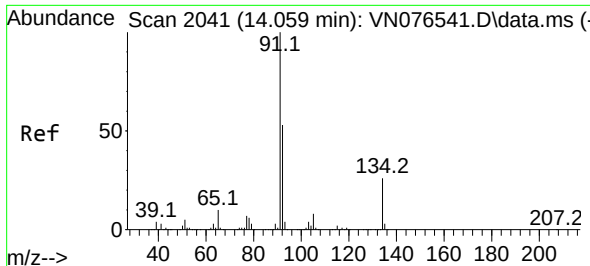
Lab File: VN076538.D

Acq: 06 Feb 2023 12:46

Tgt Ion:146 Resp: 61406

Ion	Ratio	Lower	Upper
146	100		
111	46.6	20.1	60.2
148	62.9	31.6	95.0





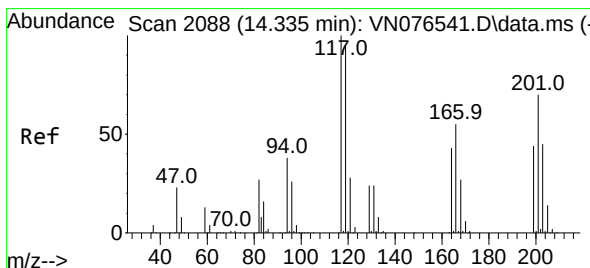
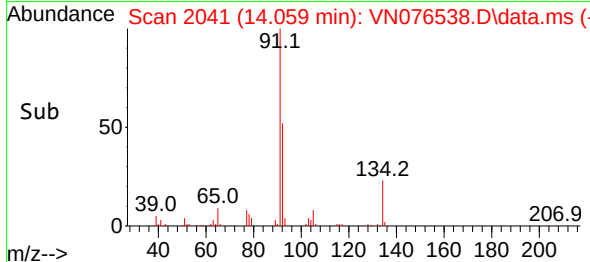
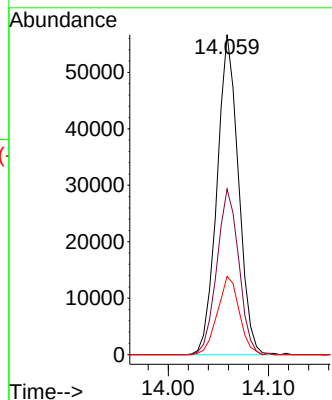
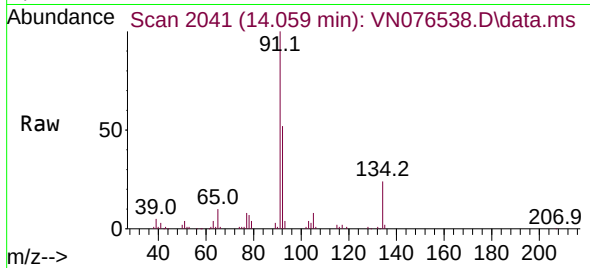
#89
n-Butylbenzene
Concen: 4.636 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 8428
Ion Ratio Lower Upper
91 100
92 52.8 26.9 80.7
134 25.0 13.0 39.0

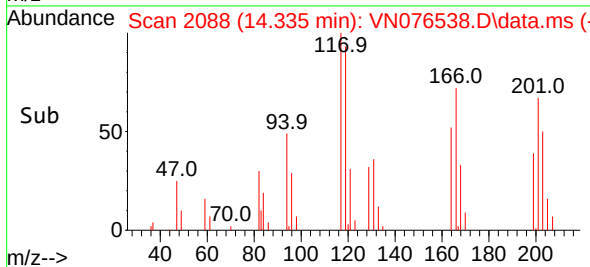
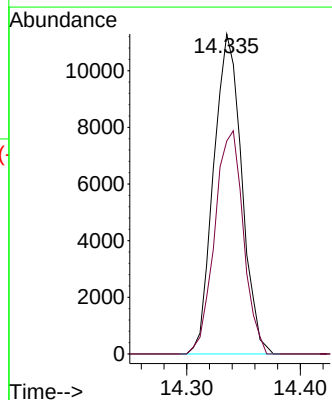
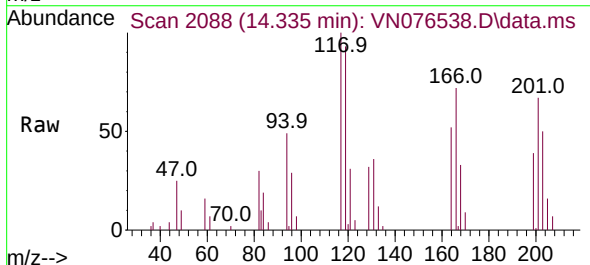
Manual Integrations
APPROVED

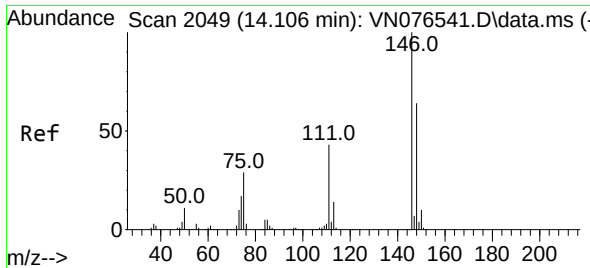
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#90
Hexachloroethane
Concen: 4.960 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Tgt Ion:117 Resp: 19411
Ion Ratio Lower Upper
117 100
201 71.2 36.5 109.7





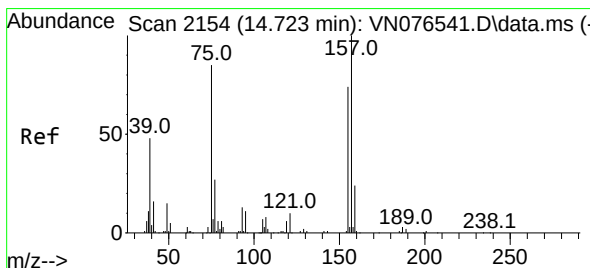
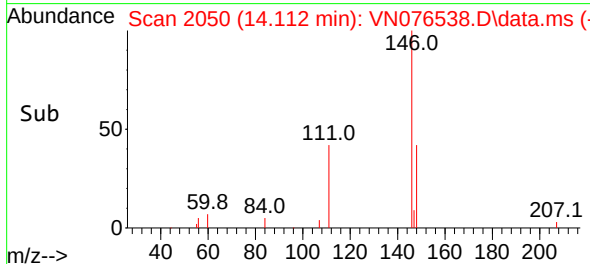
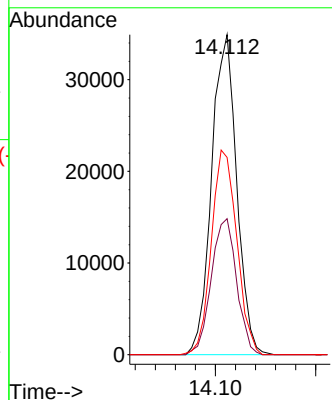
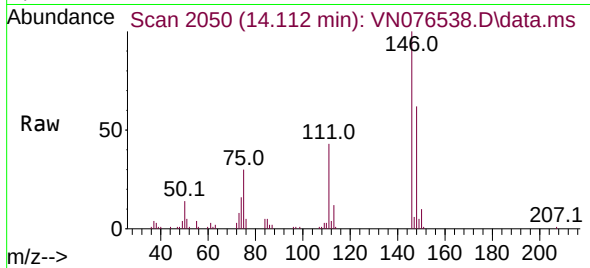
#91
1,2-Dichlorobenzene
Concen: 5.121 ug/l
RT: 14.112 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 6066
Ion Ratio Lower Upper
146 100
111 43.0 21.3 63.9
148 65.0 32.3 96.9

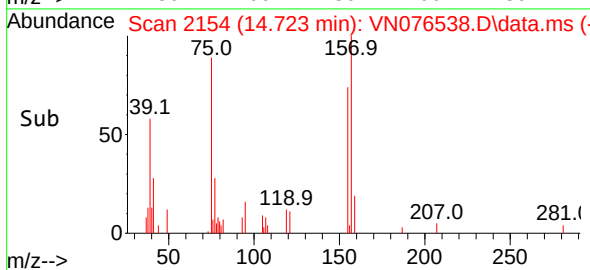
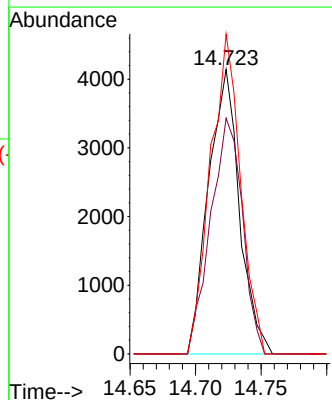
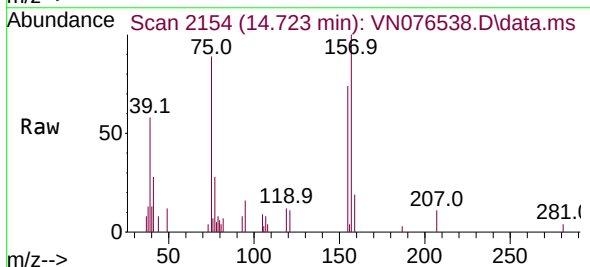
Manual Integrations
APPROVED

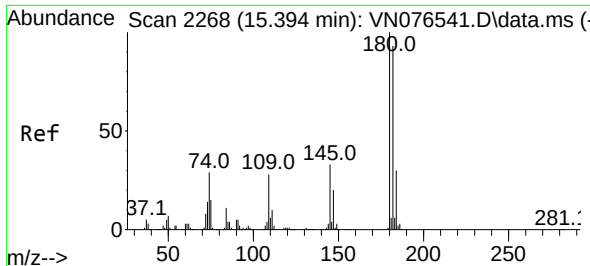
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.902 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Tgt Ion: 75 Resp: 6782
Ion Ratio Lower Upper
75 100
155 85.1 45.0 135.0
157 109.5 57.6 173.0





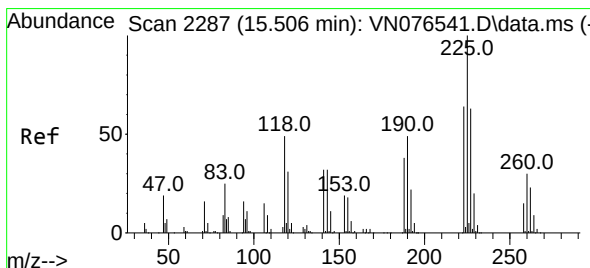
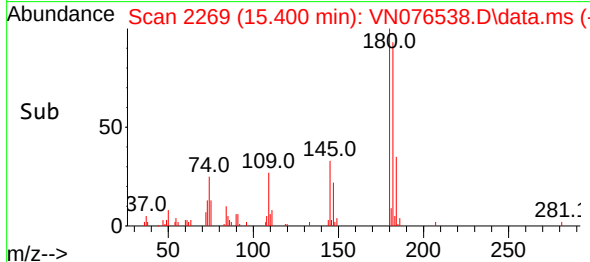
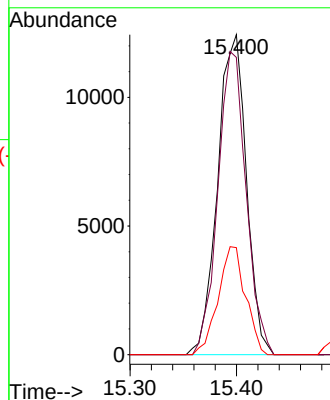
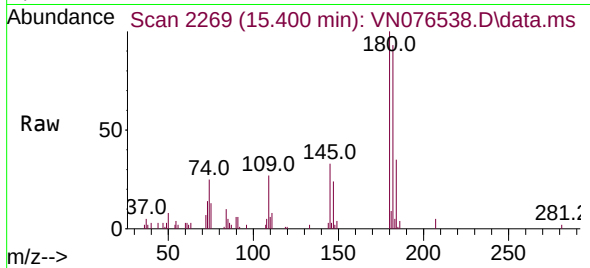
#93
1,2,4-Trichlorobenzene
Concen: 4.464 ug/l
RT: 15.400 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 2330
Ion Ratio Lower Upper
180 100
182 93.1 47.2 141.6
145 32.2 16.1 48.2

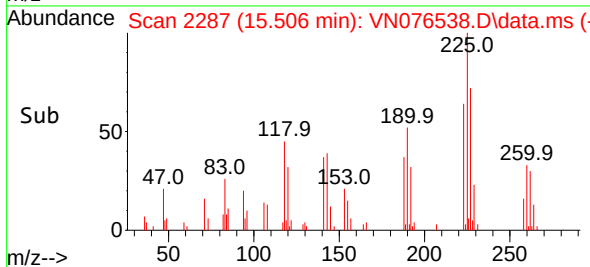
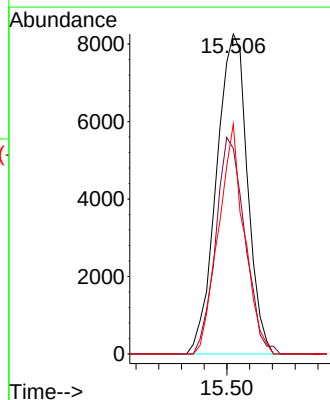
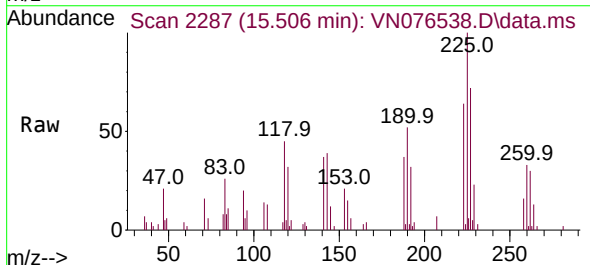
Manual Integrations
APPROVED

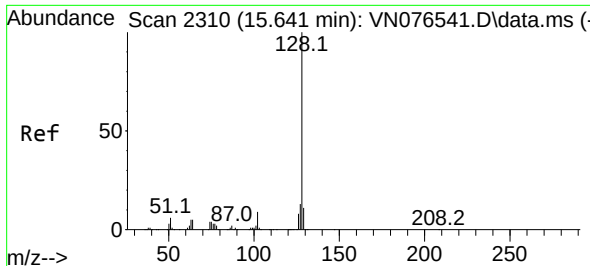
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#94
Hexachlorobutadiene
Concen: 5.208 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

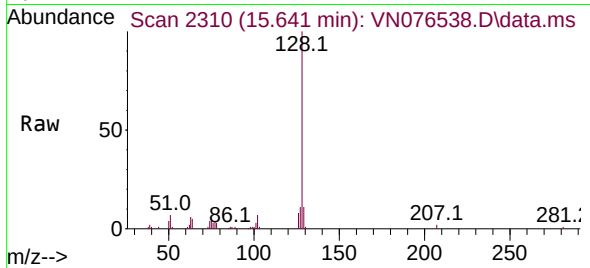
Tgt Ion:225 Resp: 15611
Ion Ratio Lower Upper
225 100
223 63.9 31.3 93.9
227 60.1 31.6 95.0





#95
Naphthalene
Concen: 4.284 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46

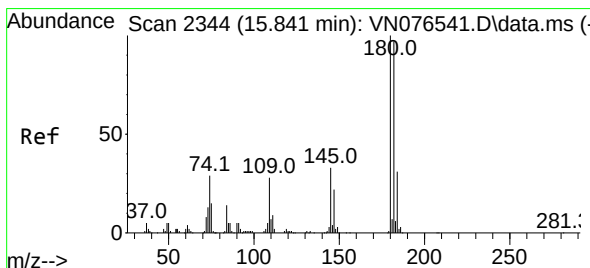
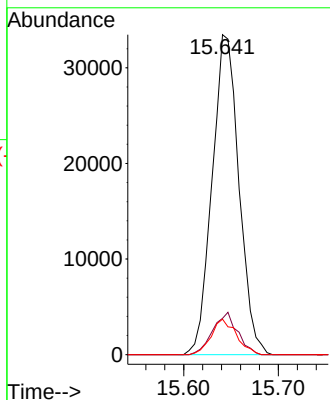
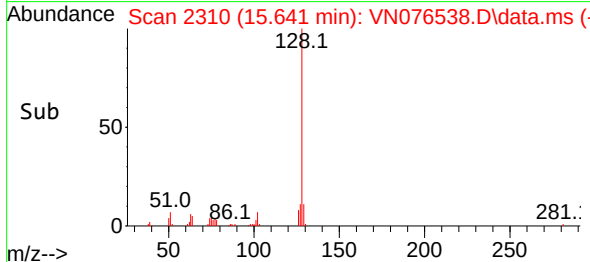
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



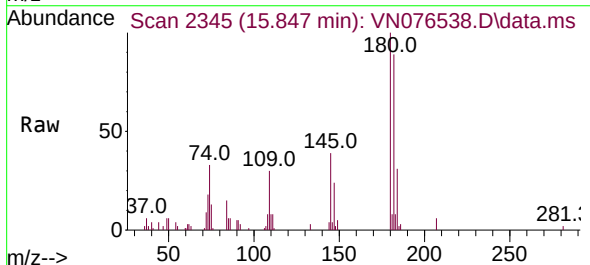
Tgt Ion:128 Resp: 65874
Ion Ratio Lower Upper
128 100
127 12.3 10.4 15.6
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#96
1,2,3-Trichlorobenzene
Concen: 4.581 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN076538.D
Acq: 06 Feb 2023 12:46



Tgt Ion:180 Resp: 22992
Ion Ratio Lower Upper
180 100
182 94.2 47.6 142.8
145 34.2 16.8 50.3

