

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075075.D
 Acq On : 28 Oct 2022 21:00
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 31 01:51:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 10:19:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	13945	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	84401	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	76761	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	42494	33.327	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 111.100%#			
60) 4-Bromofluorobenzene	12.847	95	42465	28.156	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.867%			
63) Toluene-d8	10.571	98	128853	30.013	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.033%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	15400	22.685	ug/l	98
3) Chloromethane	2.371	50	19241	21.547	ug/l	91
4) Vinyl Chloride	2.524	62	28987	21.467	ug/l	92
5) Bromomethane	2.912	94	23413	21.932	ug/l	97
6) Chloroethane	3.089	64	21917	21.043	ug/l	99
7) Trichlorofluoromethane	3.489	101	34375	23.657	ug/l	91
8) Diethyl Ether	3.971	74	13680	22.897	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	19705	23.134	ug/l	99
10) 1,1-Dichloroethene	4.336	96	18041m	22.581	ug/l	
11) Methyl Iodide	4.589	142	28652	22.988	ug/l	92
12) Methyl Acetate	5.036	43	31246	23.087	ug/l	96
13) Acrolein	4.189	56	19538	117.865	ug/l #	65
14) Acrylonitrile	5.730	53	61441	109.883	ug/l	99
15) Acetone	4.448	58	18070	115.671	ug/l	76
16) Carbon Disulfide	4.718	76	37916	21.558	ug/l	98
17) Allyl chloride	5.030	41	23950	22.372	ug/l	83
18) Methylene Chloride	5.283	84	23204	23.183	ug/l	97
19) trans-1,2-Dichloroethene	5.795	96	19604	22.071	ug/l	99
20) Diisopropyl ether	6.677	45	61895	22.276	ug/l #	96
21) 1,1-Dichloroethane	6.577	63	39538	22.911	ug/l	96
22) cis-1,2-Dichloroethene	7.494	96	24781	22.081	ug/l	92
23) tert-Butyl Alcohol	5.547	59	27174m	104.984	ug/l	
24) Methyl tert-Butyl Ether	5.806	73	74871	22.913	ug/l #	77
25) Chloroform	7.971	83	42541	22.314	ug/l	95
26) Cyclohexane	8.259	56	29927	21.588	ug/l #	90
29) 1,1-Dichloropropene	8.371	75	29221	20.184	ug/l	96
30) 2-Butanone	7.489	43	81996	98.251	ug/l #	94
31) 2,2-Dichloropropane	7.500	77	30872	17.457	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	37863	20.194	ug/l	98
33) Carbon Tetrachloride	8.365	117	31762	19.239	ug/l	96
34) Benzene	8.612	78	92793	20.966	ug/l	95
35) Methacrylonitrile	7.789	41	16297	20.374	ug/l	94
36) 1,2-Dichloroethane	8.677	62	34107	20.797	ug/l #	92
37) Trichloroethene	9.353	130	23093	20.997	ug/l	100
38) Methylcyclohexane	9.606	83	33757	18.806	ug/l	97
39) 1,2-Dichloropropane	9.624	63	23427	21.026	ug/l	98
40) Dibromomethane	9.712	93	16756	19.822	ug/l	100
41) Bromodichloromethane	9.888	83	33647	20.445	ug/l	95
42) Vinyl Acetate	6.612	43	266910m	113.544	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075075.D
 Acq On : 28 Oct 2022 21:00
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

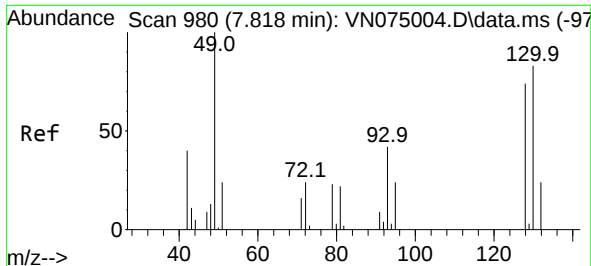
Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 31 01:51:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 10:19:47 2022
 Response via : Initial Calibration

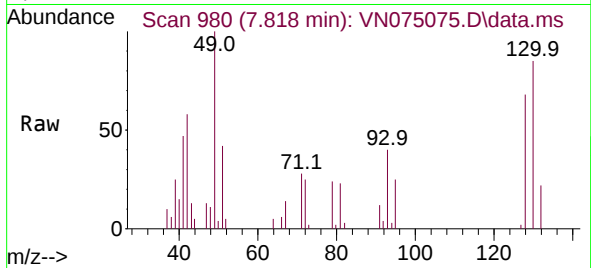
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	34455	20.890	ug/l	98
44) Isopropyl Acetate	8.694	43	51930	19.629	ug/l	95
45) 1,4-Dioxane	9.706	88	12634	387.984	ug/l #	94
46) Methyl methacrylate	9.682	41	23323	19.652	ug/l	87
47) n-amyl Acetate	12.494	43	46502	20.461	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	33415	18.585	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	36684	19.412	ug/l	89
50) 1,1,2-Trichloroethane	11.018	97	25509	20.598	ug/l	97
51) Ethyl methacrylate	10.877	69	37456	19.412	ug/l	85
52) 1,3-Dichloropropane	11.165	76	40834	19.715	ug/l	99
53) Dibromochloromethane	11.359	129	25094	18.734	ug/l	100
54) 1,2-Dibromoethane	11.471	107	25077	19.572	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	81929	103.929	ug/l	99
56) Bromoform	12.582	173	16933	17.219	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	174043	105.116	ug/l	95
59) 2-Hexanone	11.200	43	132301	104.162	ug/l	94
61) Tetrachloroethene	11.106	164	17516	20.518	ug/l	96
62) Toluene	10.635	91	102154	20.555	ug/l	98
64) Chlorobenzene	11.894	112	60996	19.805	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	24155	20.531	ug/l	98
66) Ethyl Benzene	11.965	91	112302	20.050	ug/l	98
67) m/p-Xylenes	12.071	106	88688	39.481	ug/l	98
68) o-Xylene	12.400	106	44993	19.926	ug/l	100
69) Styrene	12.412	104	70802	19.174	ug/l	98
70) Isopropylbenzene	12.694	105	117334	19.944	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	40073	20.910	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	35061m	20.148	ug/l	
73) Bromobenzene	12.982	156	25470	19.450	ug/l	92
74) n-propylbenzene	13.035	91	129411	19.643	ug/l	99
75) 2-Chlorotoluene	13.129	91	82032	20.460	ug/l	95
76) 1,3,5-Trimethylbenzene	13.176	105	99000	19.865	ug/l	97
77) t-1,4-Dichloro-2-butene	12.741	75	11202	18.429	ug/l	78
78) 4-Chlorotoluene	13.223	91	77708	19.954	ug/l	98
79) tert-butylbenzene	13.441	119	86033	19.334	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	99370	19.601	ug/l #	81
81) sec-Butylbenzene	13.618	105	122051	19.510	ug/l	99
82) p-Isopropyltoluene	13.729	119	99300	18.816	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	47649	18.400	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	47660	19.077	ug/l	99
85) n-Butylbenzene	14.059	91	78930	18.647	ug/l	97
86) Hexachloroethane	14.335	117	17411	17.803	ug/l	94
87) 1,2-Dichlorobenzene	14.106	146	49154	19.190	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	7755	19.252	ug/l	96
89) 1,2,4-Trichlorobenzene	15.394	180	21177	18.718	ug/l	99
90) Hexachlorobutadiene	15.500	225	10106	19.422	ug/l	96
91) Naphthalene	15.641	128	83419	18.604	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	21583	18.845	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

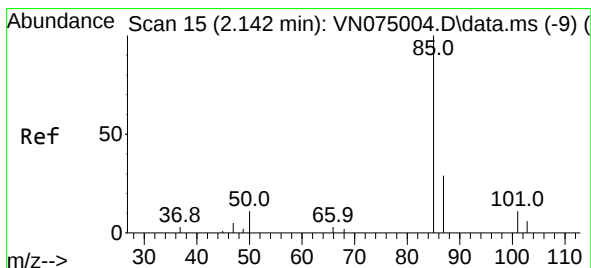
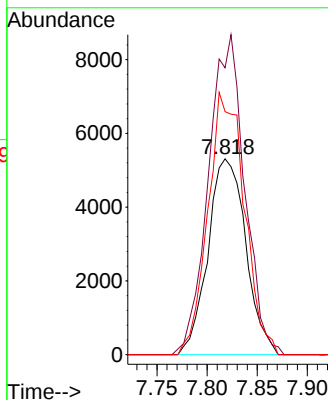
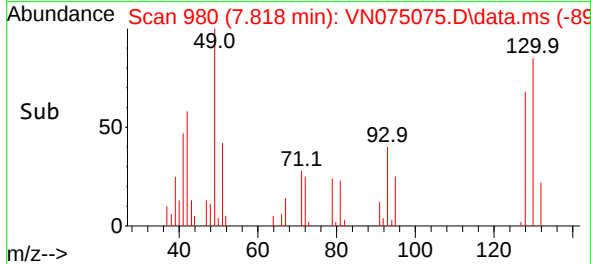
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



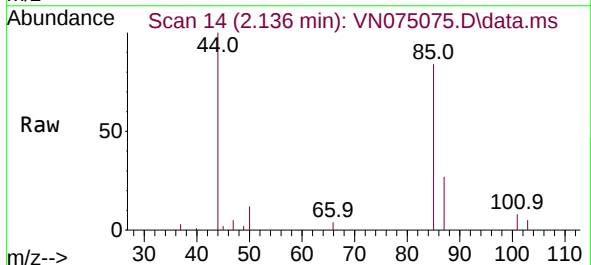
Tgt Ion:128 Resp: 1394
Ion Ratio Lower Upper
128 100
49 156.1 0.0 392.3
130 84.9 0.0 320.2

Manual Integrations
APPROVED

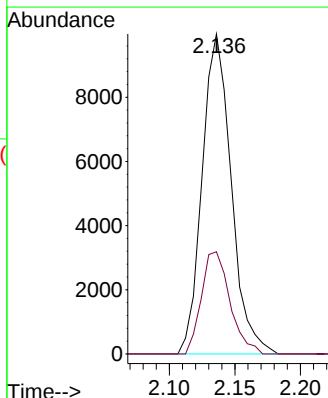
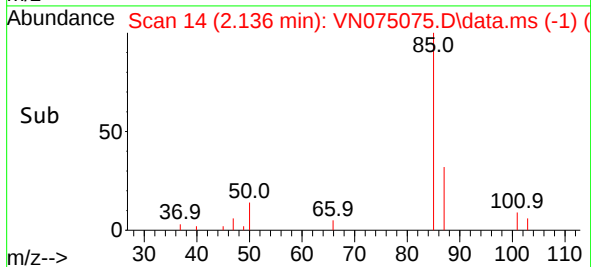
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

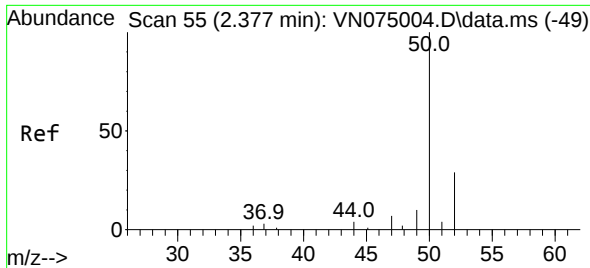


#2
Dichlorodifluoromethane
Concen: 22.685 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00



Tgt Ion: 85 Resp: 15400
Ion Ratio Lower Upper
85 100
87 32.0 16.6 49.7





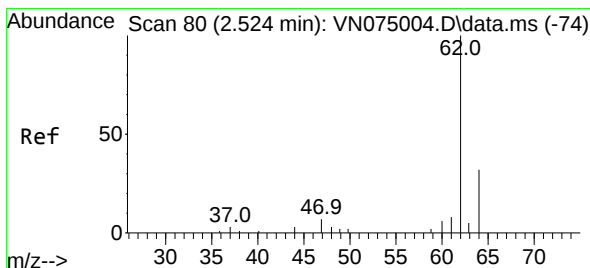
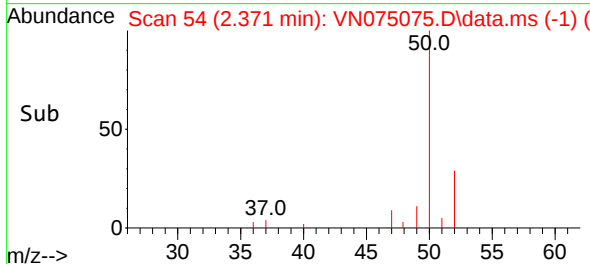
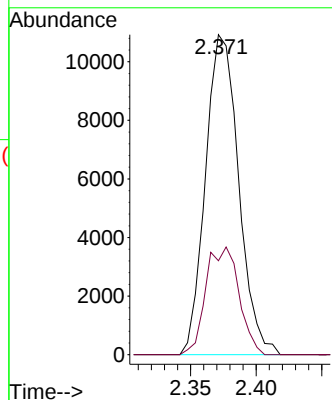
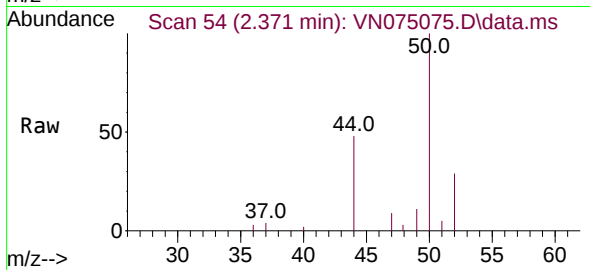
#3
Chloromethane
Concen: 21.547 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 1924
Ion Ratio Lower Upper
50 100
52 29.4 27.8 41.6

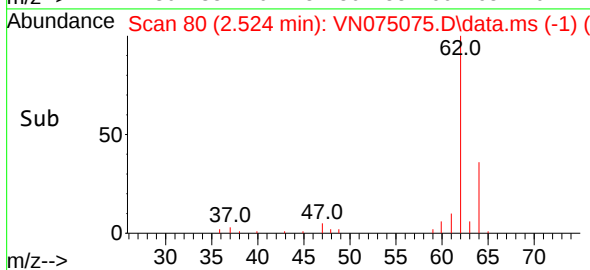
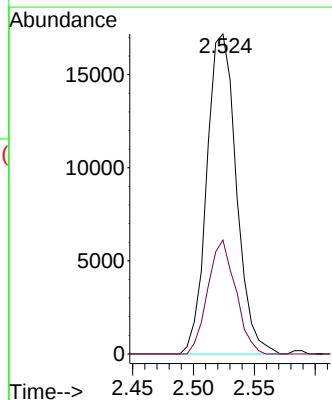
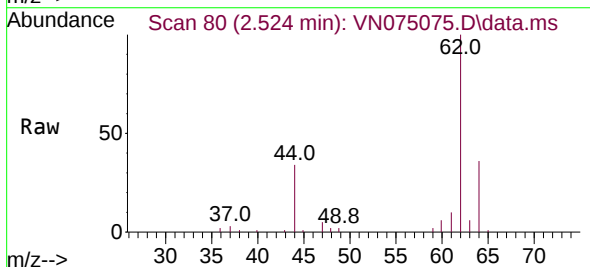
Manual Integrations
APPROVED

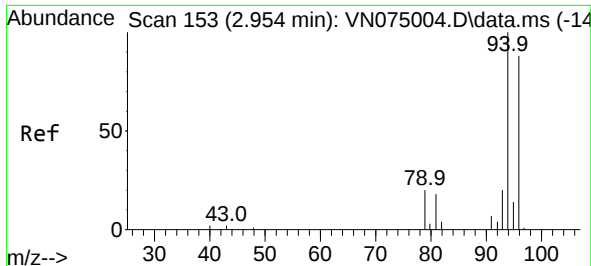
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#4
Vinyl Chloride
Concen: 21.467 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

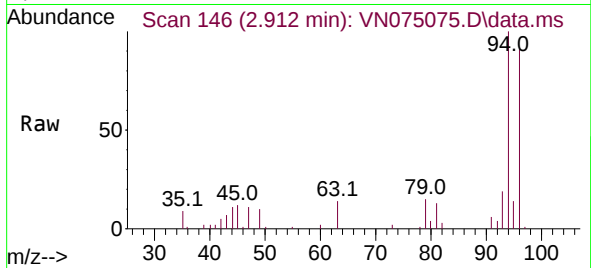
Tgt Ion: 62 Resp: 28987
Ion Ratio Lower Upper
62 100
64 35.6 25.1 37.7





#5
Bromomethane
Concen: 21.932 ug/l
RT: 2.912 min Scan# 146
Delta R.T. -0.041 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

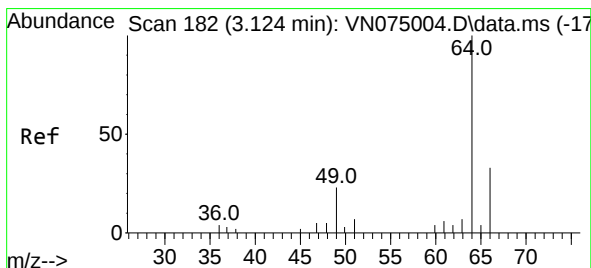
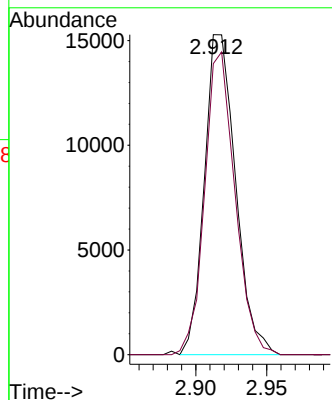
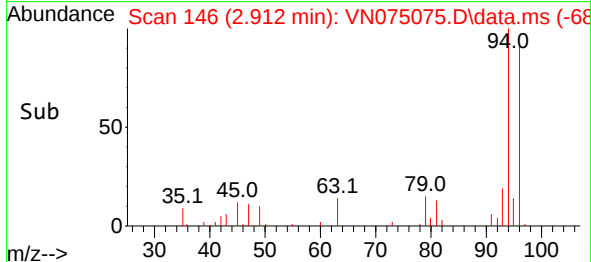
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 2341
Ion Ratio Lower Upper
94 100
96 90.9 75.2 112.8

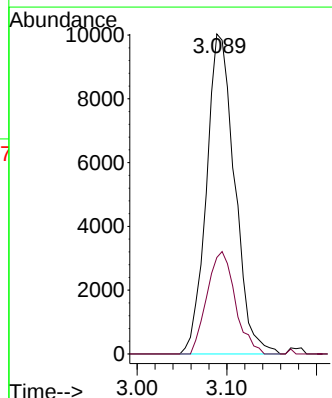
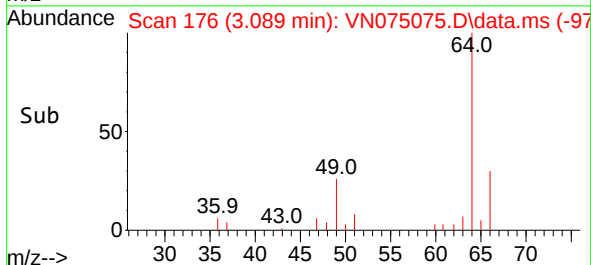
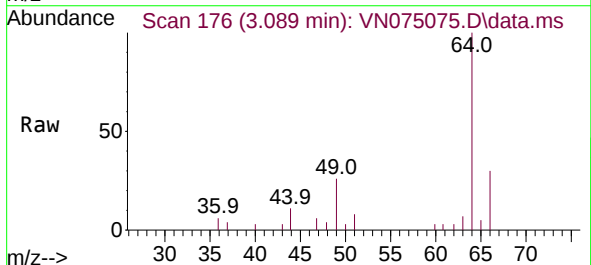
Manual Integrations
APPROVED

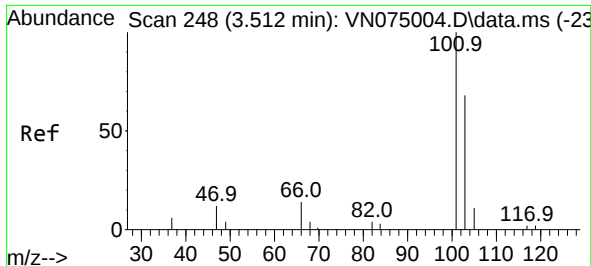
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#6
Chloroethane
Concen: 21.043 ug/l
RT: 3.089 min Scan# 176
Delta R.T. -0.035 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

Tgt Ion: 64 Resp: 21917
Ion Ratio Lower Upper
64 100
66 30.2 24.6 36.8





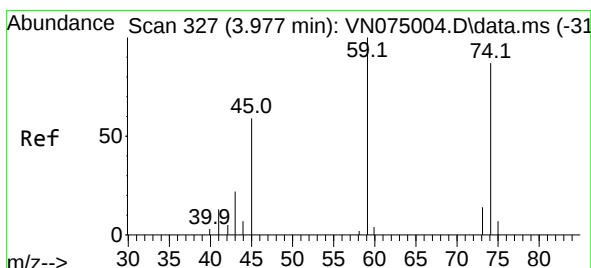
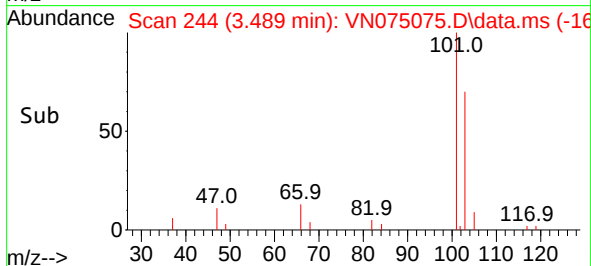
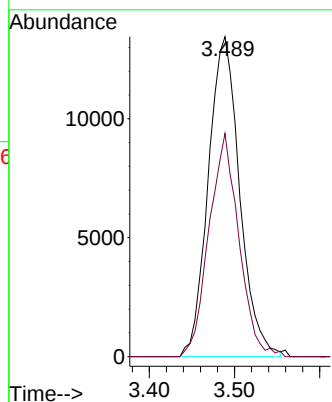
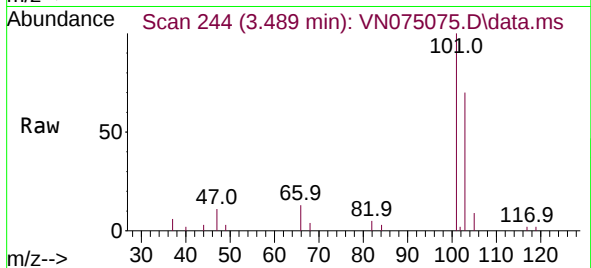
#7
Trichlorofluoromethane
Concen: 23.657 ug/l
RT: 3.489 min Scan# 248
Delta R.T. -0.024 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 34375
Ion Ratio Lower Upper
101 100
103 69.7 50.1 75.1

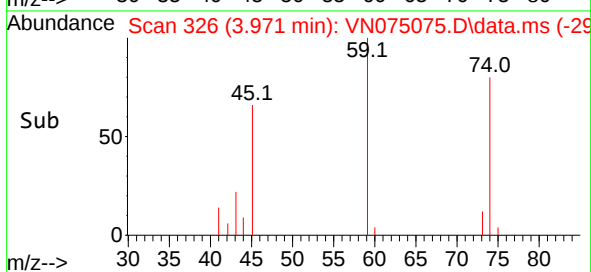
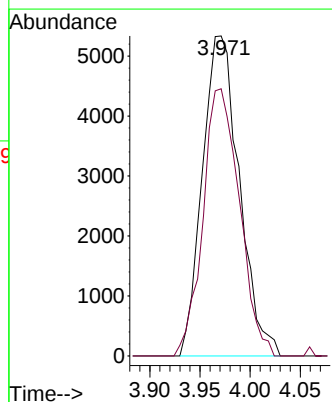
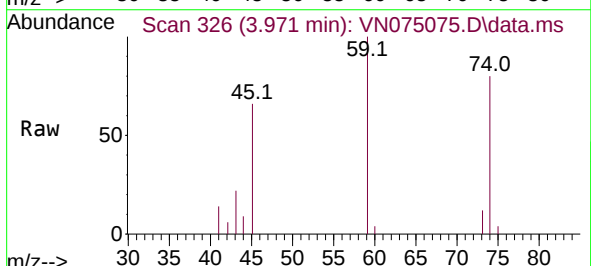
Manual Integrations
APPROVED

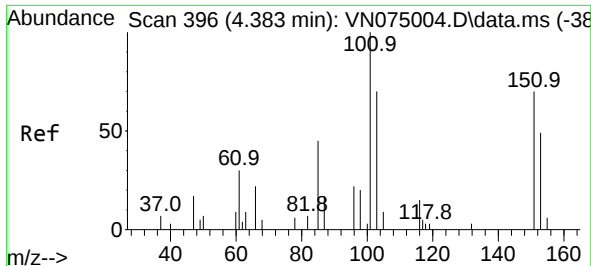
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#8
Diethyl Ether
Concen: 22.897 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

Tgt Ion: 74 Resp: 13680
Ion Ratio Lower Upper
74 100
45 82.3 17.6 158.8





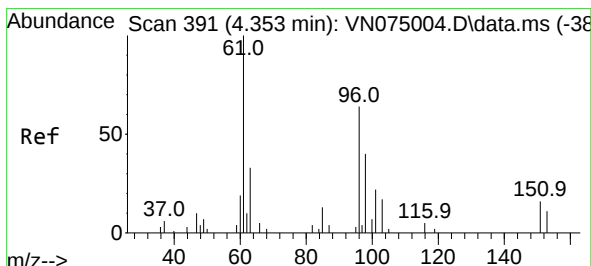
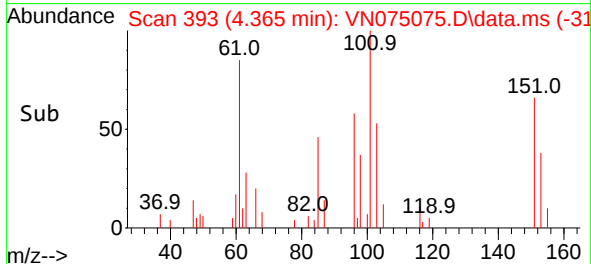
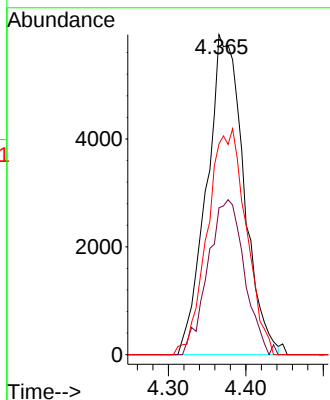
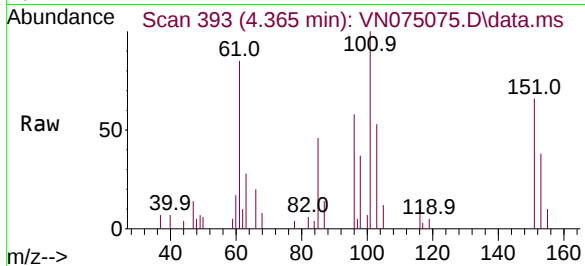
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 23.134 ug/l
 RT: 4.365 min Scan# 396
 Delta R.T. -0.018 min
 Lab File: VN075075.D
 Acq: 28 Oct 2022 21:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 101 Resp: 1970
 Ion Ratio Lower Upper
 101 100
 85 47.5 0.0 94.0
 151 38.1 0.0 74.6

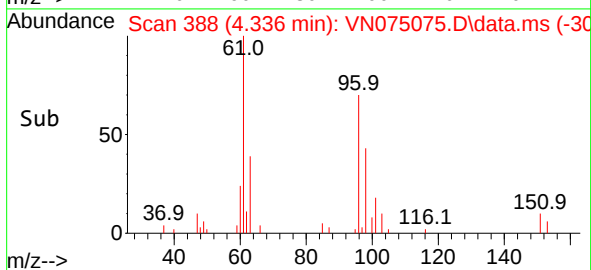
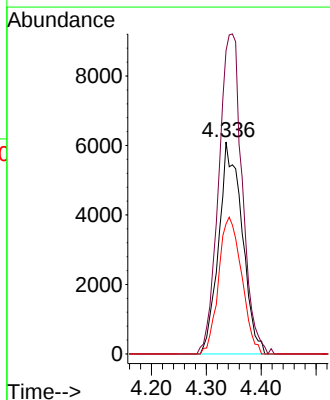
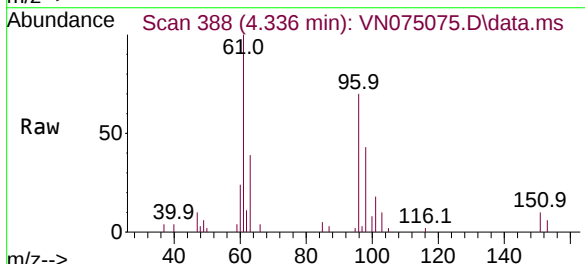
Manual Integrations
 APPROVED

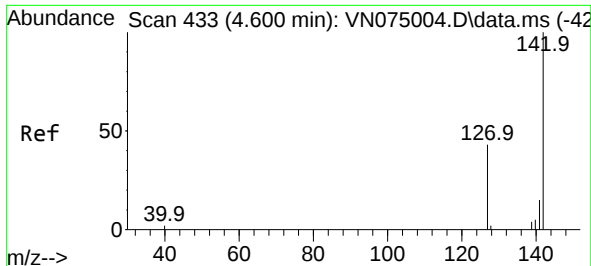
Reviewed By : John Carlone 10/31/2022
 Supervised By : Mahesh Dadoda 10/31/2022



#10
 1,1-Dichloroethene
 Concen: 22.581 ug/l m
 RT: 4.336 min Scan# 388
 Delta R.T. -0.018 min
 Lab File: VN075075.D
 Acq: 28 Oct 2022 21:00

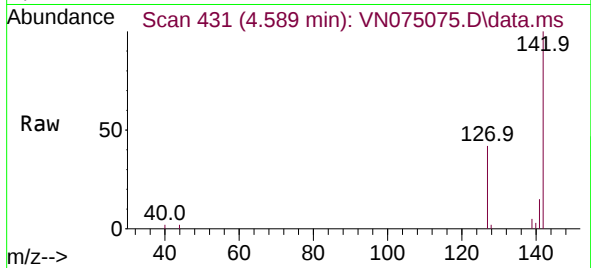
Tgt Ion: 96 Resp: 18041
 Ion Ratio Lower Upper
 96 100
 61 143.1 126.2 189.4
 98 61.3 50.9 76.3





#11
Methyl Iodide
Concen: 22.988 ug/l
RT: 4.589 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

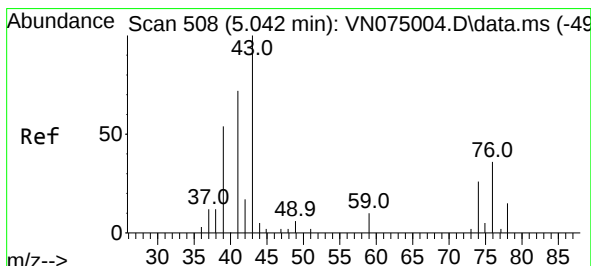
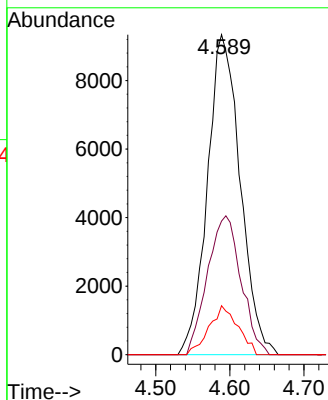
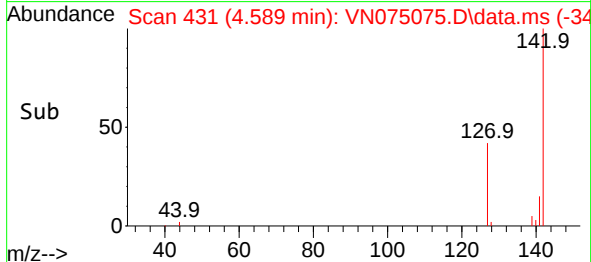
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 28652
Ion Ratio Lower Upper
142 100
127 41.8 24.0 72.0
141 15.3 8.4 25.2

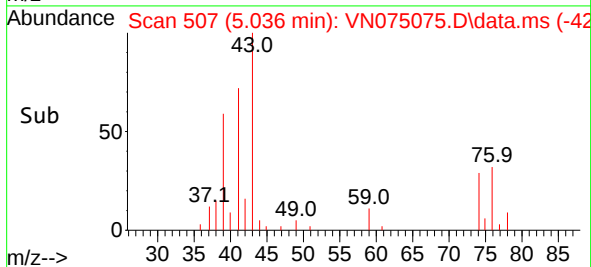
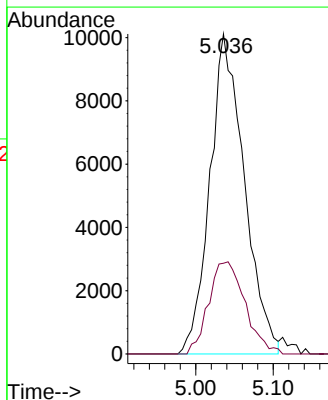
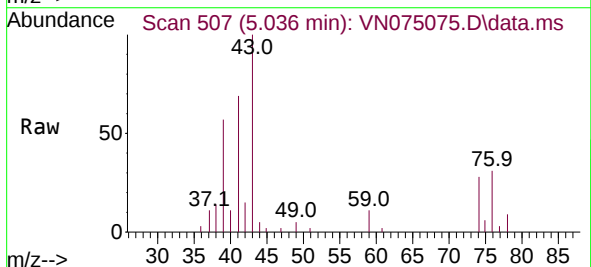
Manual Integrations
APPROVED

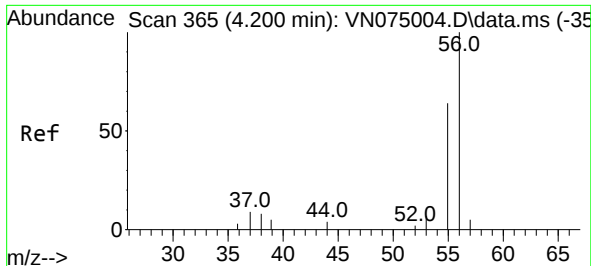
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
Methyl Acetate
Concen: 23.087 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

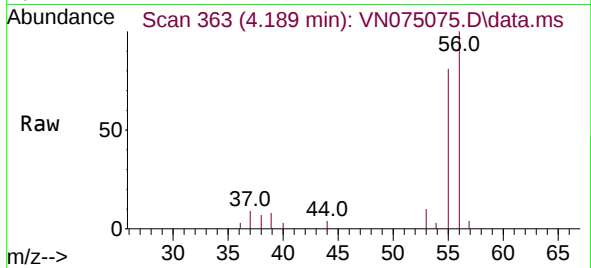
Tgt Ion: 43 Resp: 31246
Ion Ratio Lower Upper
43 100
74 28.1 20.8 31.2





#13
Acrolein
Concen: 117.865 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.012 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

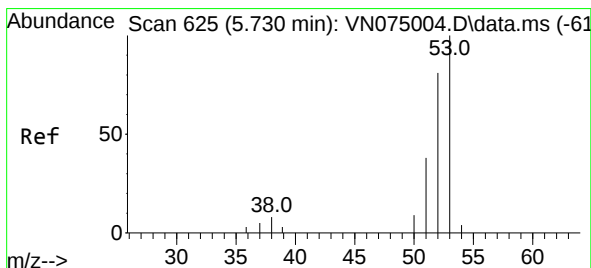
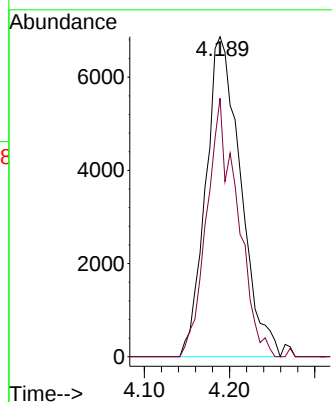
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 19538
Ion Ratio Lower Upper
56 100
55 42.8 57.6 86.4

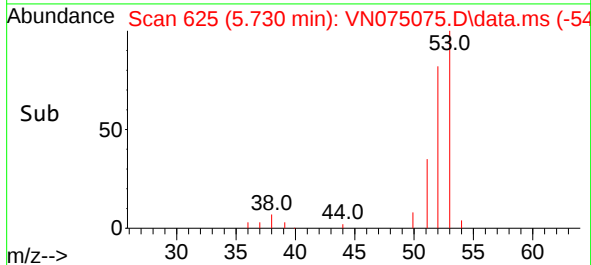
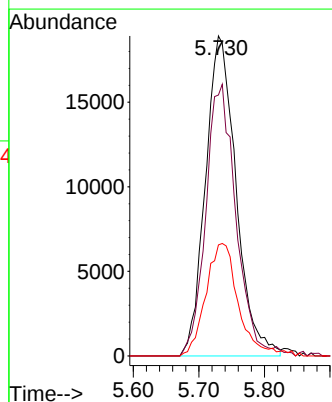
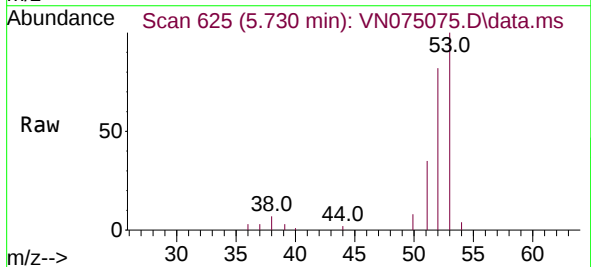
Manual Integrations
APPROVED

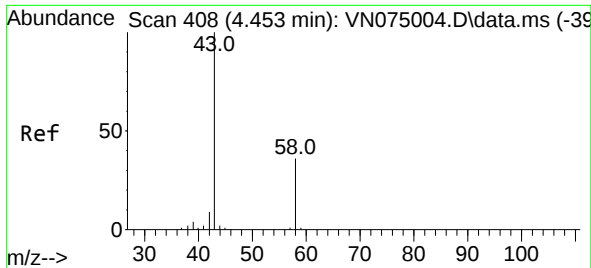
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Acrylonitrile
Concen: 109.883 ug/l
RT: 5.730 min Scan# 625
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

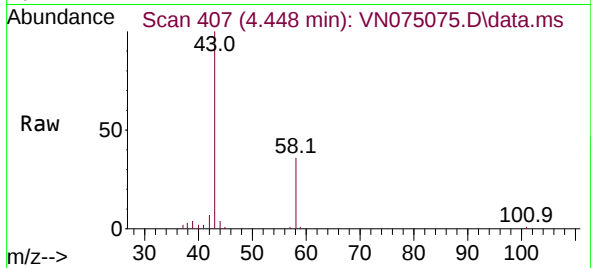
Tgt Ion: 53 Resp: 61441
Ion Ratio Lower Upper
53 100
52 82.9 41.8 125.4
51 36.4 19.0 57.0





#15
Acetone
Concen: 115.671 ug/l
RT: 4.448 min Scan# 407
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

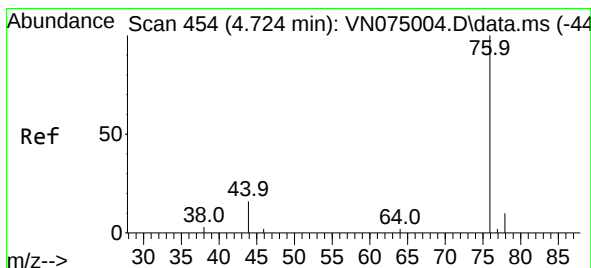
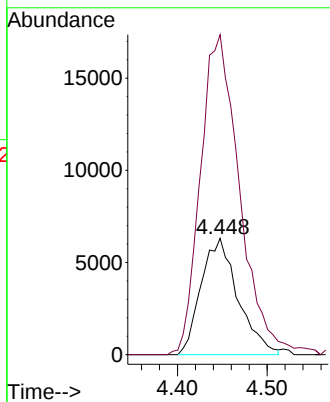
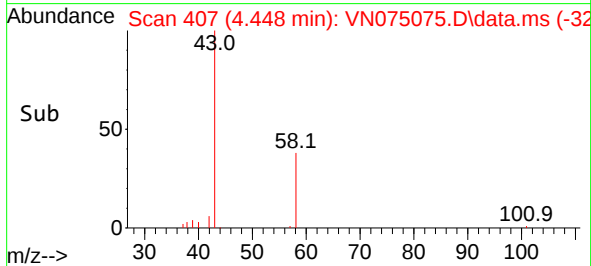
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



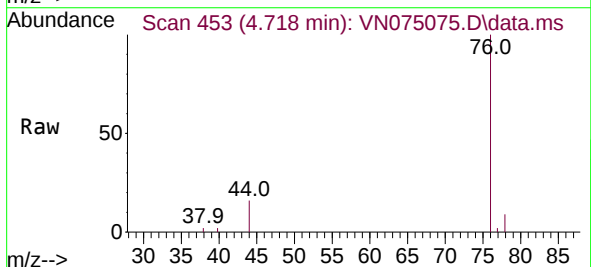
Tgt Ion: 58 Resp: 18070
Ion Ratio Lower Upper
58 100
43 271.2 256.6 384.8

Manual Integrations
APPROVED

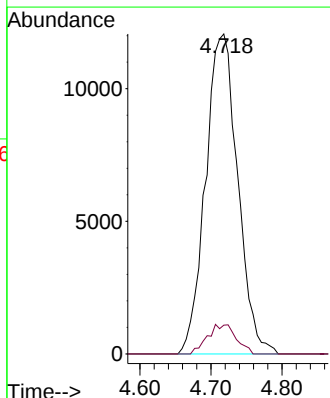
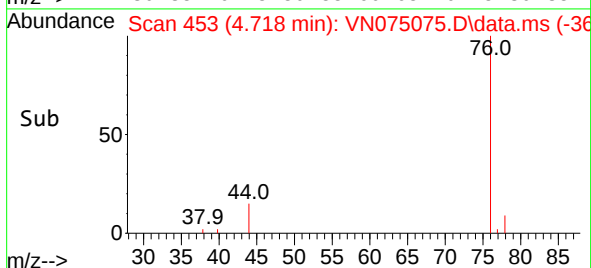
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

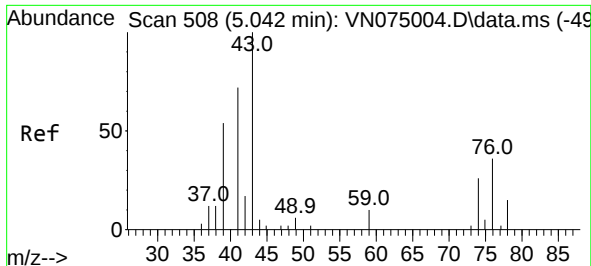


#16
Carbon Disulfide
Concen: 21.558 ug/l
RT: 4.718 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00



Tgt Ion: 76 Resp: 37916
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8





#17

Allyl chloride

Concen: 22.372 ug/l

RT: 5.030 min Scan# 508

Delta R.T. -0.012 min

Lab File: VN075075.D

Acq: 28 Oct 2022 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

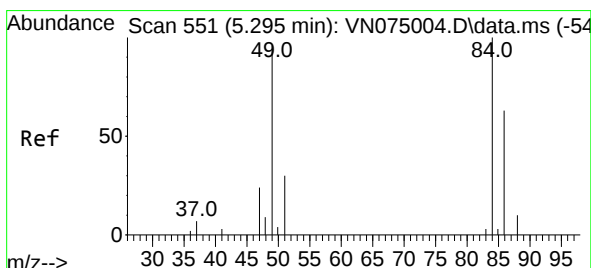
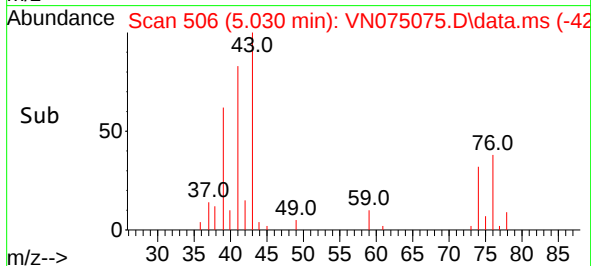
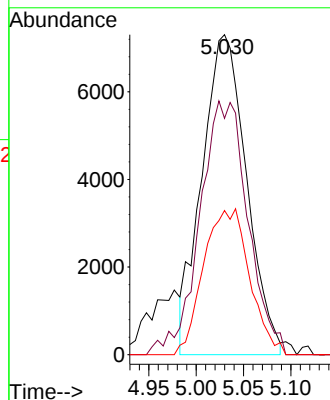
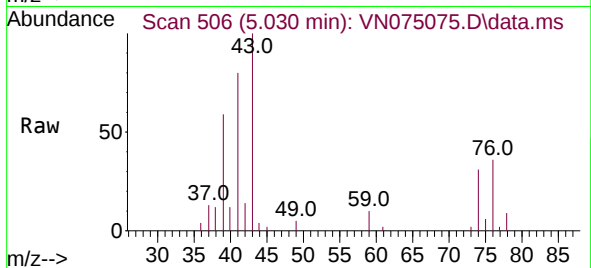
Tgt Ion:	41	Resp:	23950
Ion	Ratio	Lower	Upper
41	100		
39	69.5	44.6	134.0
76	43.7	19.6	58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#18

Methylene Chloride

Concen: 23.183 ug/l

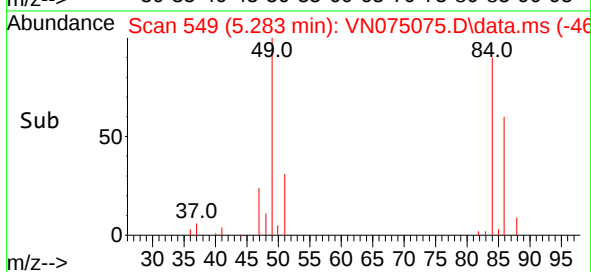
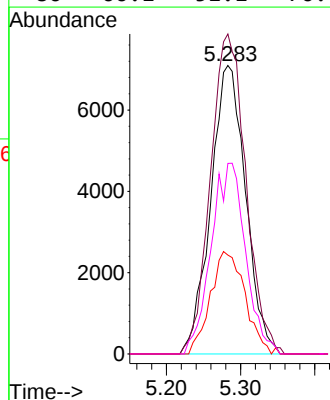
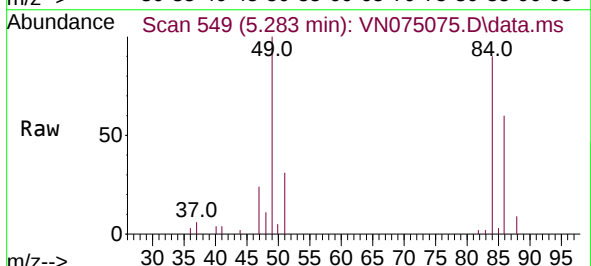
RT: 5.283 min Scan# 549

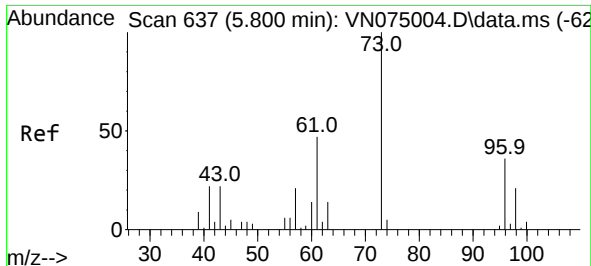
Delta R.T. -0.012 min

Lab File: VN075075.D

Acq: 28 Oct 2022 21:00

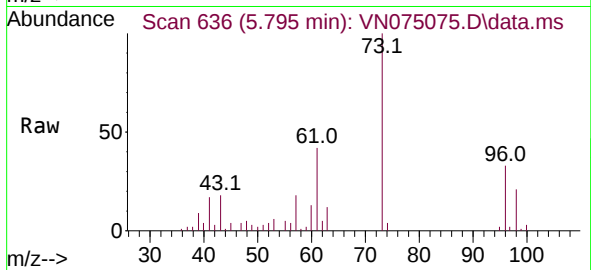
Tgt Ion:	84	Resp:	23204
Ion	Ratio	Lower	Upper
84	100		
49	111.0	91.4	137.0
51	34.3	29.4	44.0
86	66.1	51.1	76.7





#19
trans-1,2-Dichloroethene
Concen: 22.071 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

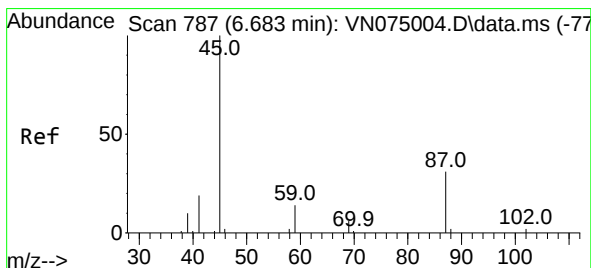
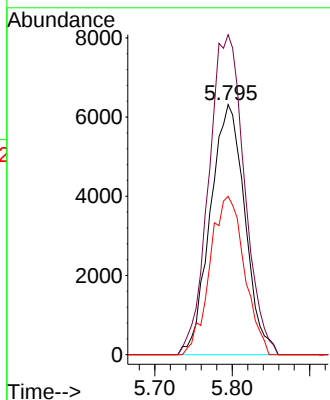
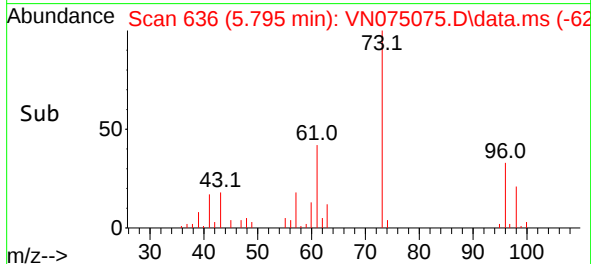
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



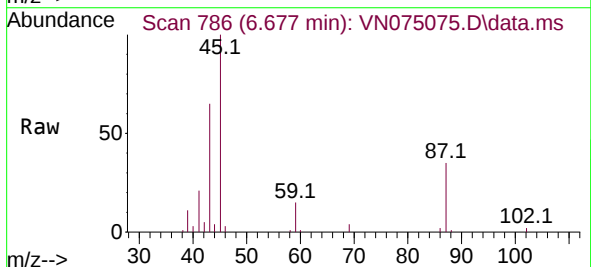
Tgt Ion: 96 Resp: 19604
Ion Ratio Lower Upper
96 100
61 127.9 102.8 154.2
98 63.3 49.3 73.9

Manual Integrations
APPROVED

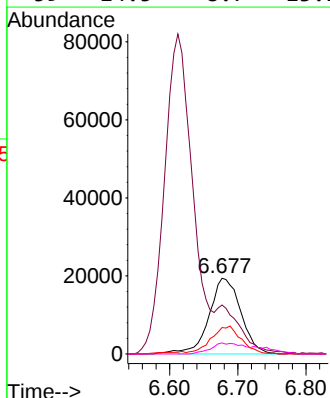
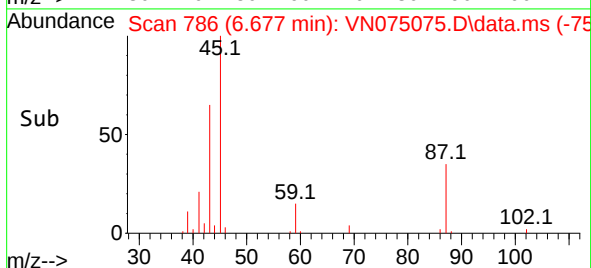
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

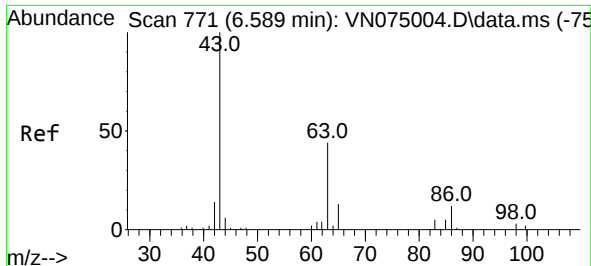


#20
Diisopropyl ether
Concen: 22.276 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00



Tgt Ion: 45 Resp: 61895
Ion Ratio Lower Upper
45 100
43 61.8 51.0 76.4
87 34.9 25.0 37.4
59 14.5 8.7 13.1#





#21

1,1-Dichloroethane

Concen: 22.911 ug/l

RT: 6.577 min Scan# 70

Delta R.T. -0.012 min

Lab File: VN075075.D

Acq: 28 Oct 2022 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

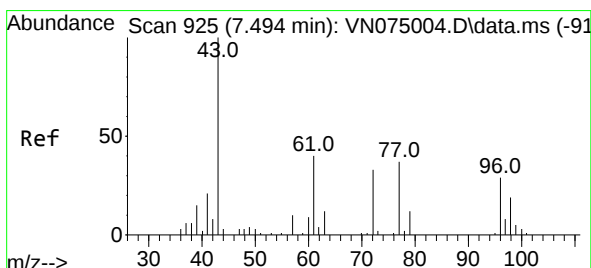
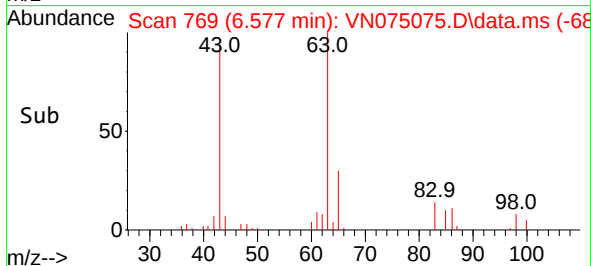
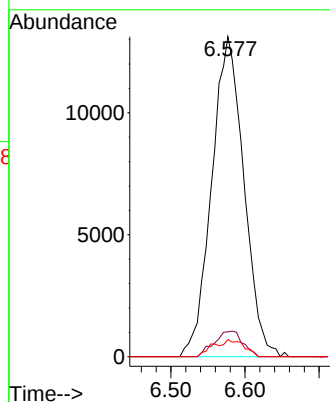
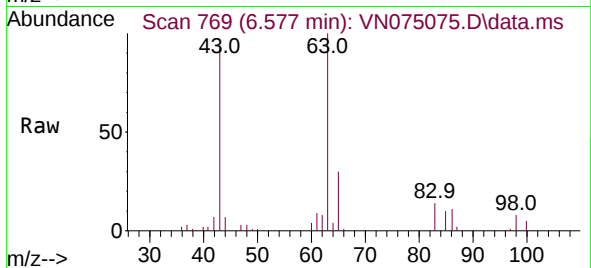
Tgt Ion: 63	Resp: 39538
Ion Ratio	Lower Upper
63 100	
98 7.7	3.2 9.6
100 5.4	2.1 6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#22

cis-1,2-Dichloroethene

Concen: 22.081 ug/l

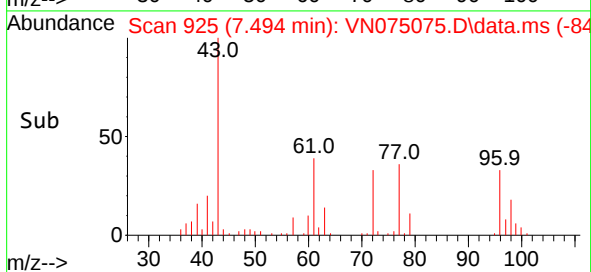
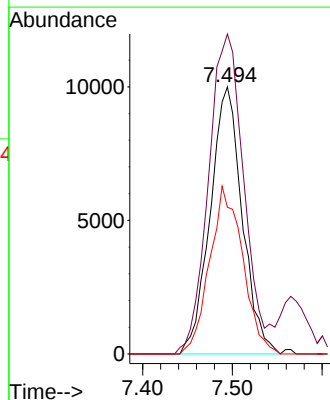
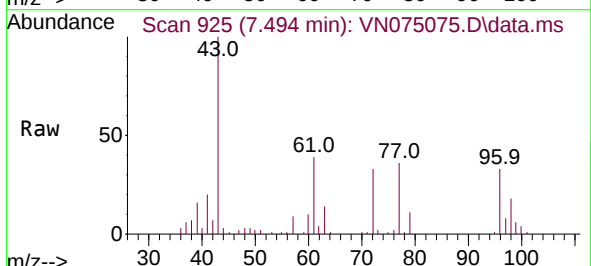
RT: 7.494 min Scan# 925

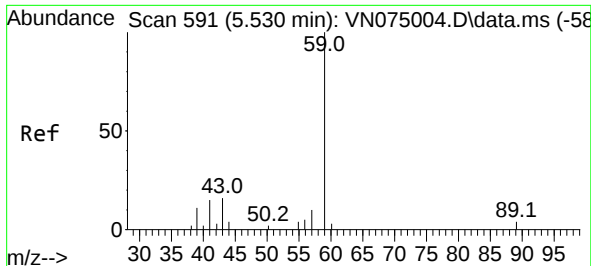
Delta R.T. 0.000 min

Lab File: VN075075.D

Acq: 28 Oct 2022 21:00

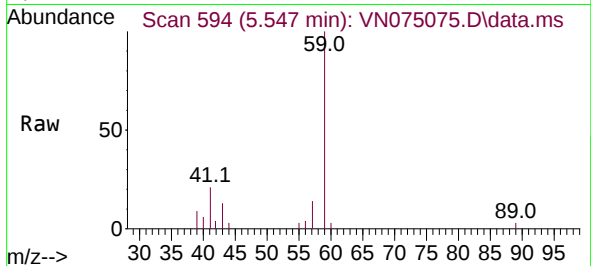
Tgt Ion: 96	Resp: 24781
Ion Ratio	Lower Upper
96 100	
61 130.4	115.7 173.5
98 64.7	51.6 77.4





#23
tert-Butyl Alcohol
Concen: 104.984 ug/l m
RT: 5.547 min Scan# 591
Delta R.T. 0.018 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

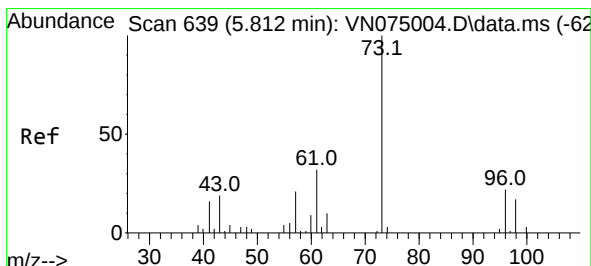
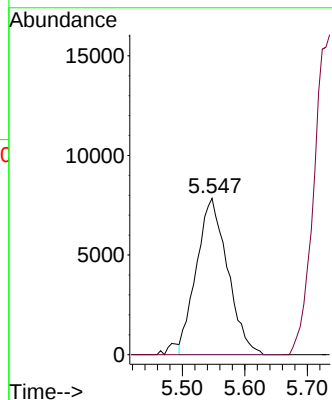
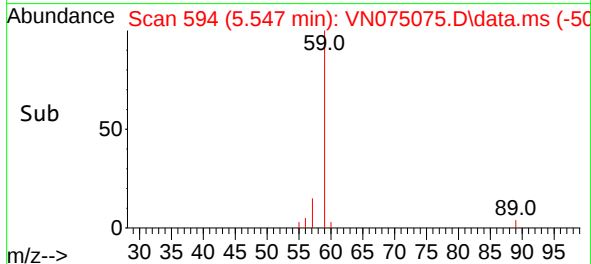
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 27174
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

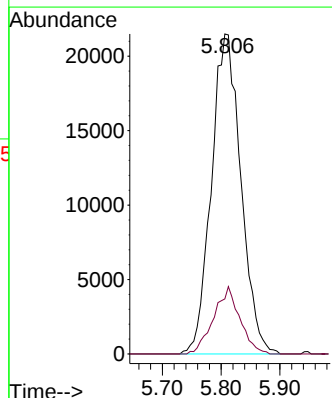
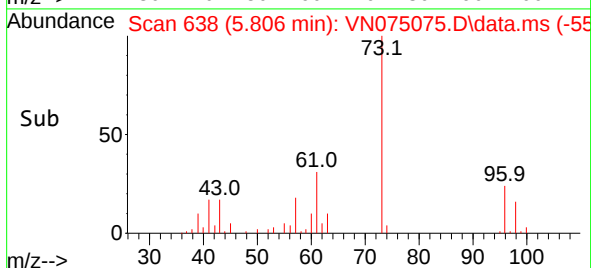
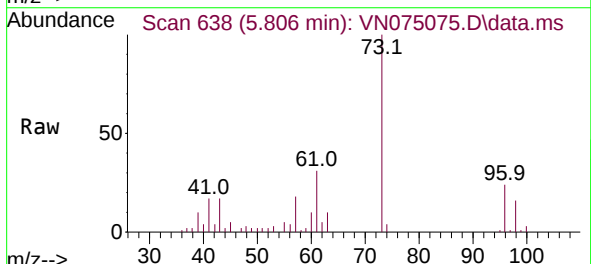
Manual Integrations
APPROVED

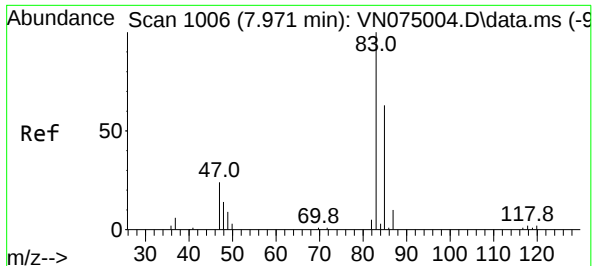
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#24
Methyl tert-Butyl Ether
Concen: 22.913 ug/l
RT: 5.806 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

Tgt Ion: 73 Resp: 74871
Ion Ratio Lower Upper
73 100
43 11.3 18.1 27.1#





#25

Chloroform

Concen: 22.314 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN075075.D

Acq: 28 Oct 2022 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 4254

Ion Ratio Lower Upper

83 100

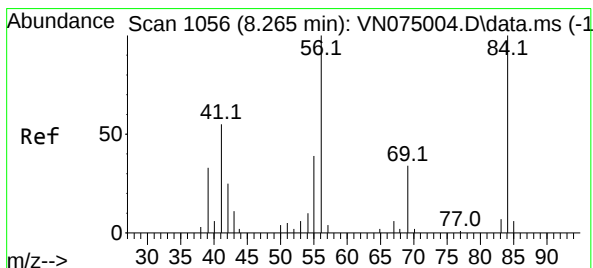
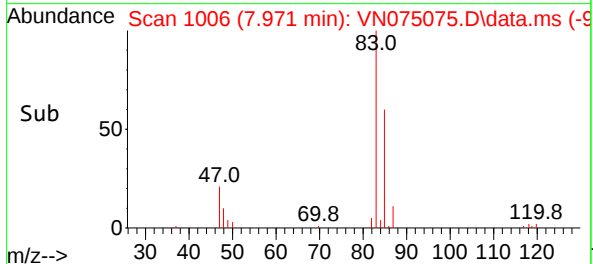
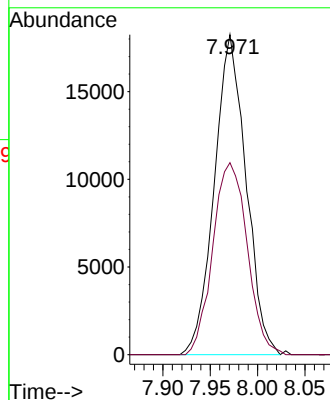
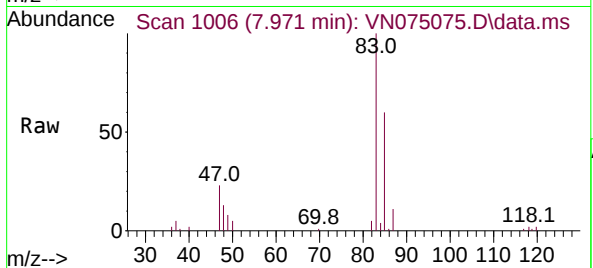
85 60.0 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#26

Cyclohexane

Concen: 21.588 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN075075.D

Acq: 28 Oct 2022 21:00

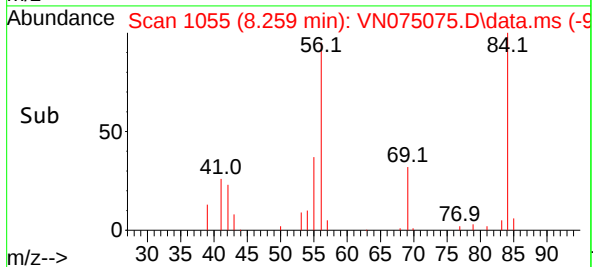
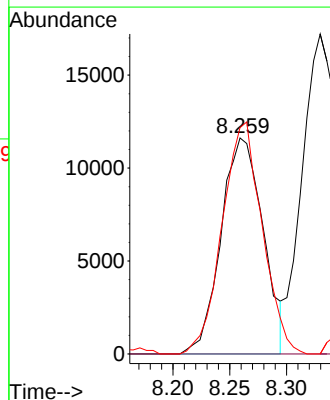
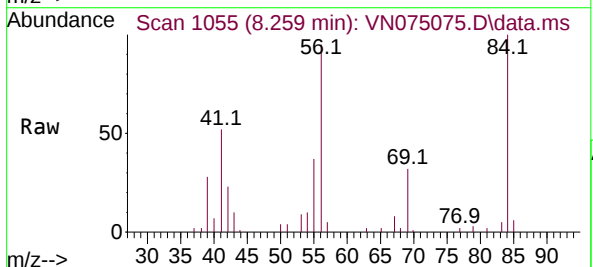
Tgt Ion: 56 Resp: 29927

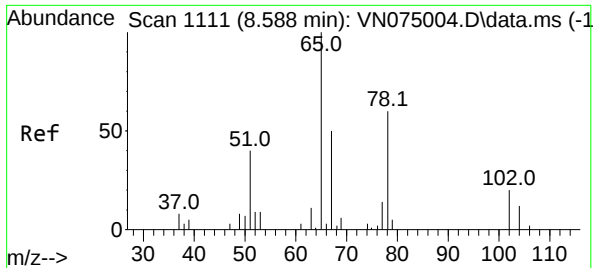
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 102.4 74.6 111.8





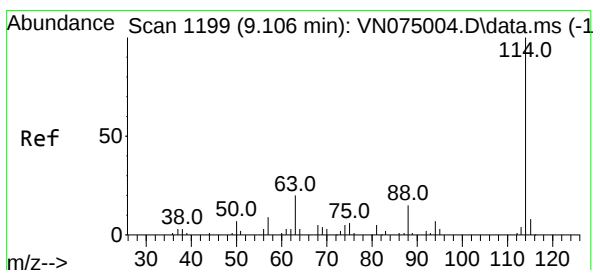
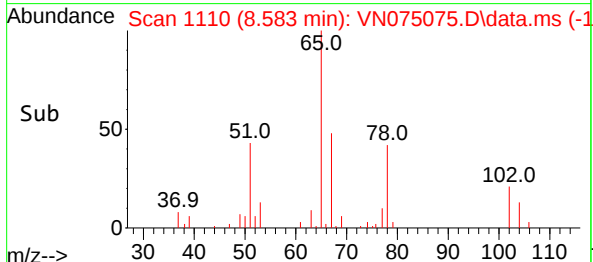
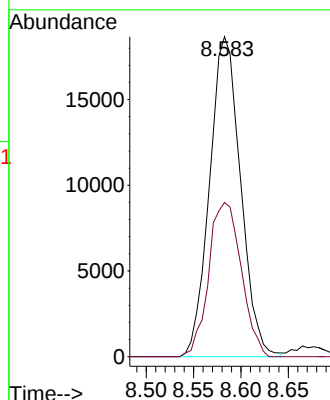
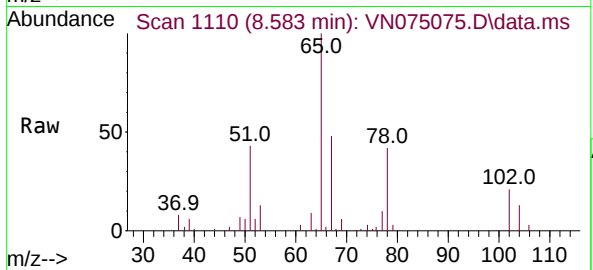
#27
1,2-Dichloroethane-d4
Concen: 33.327 ug/l
RT: 8.583 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 42494
Ion Ratio Lower Upper
65 100
67 50.6 40.2 60.2

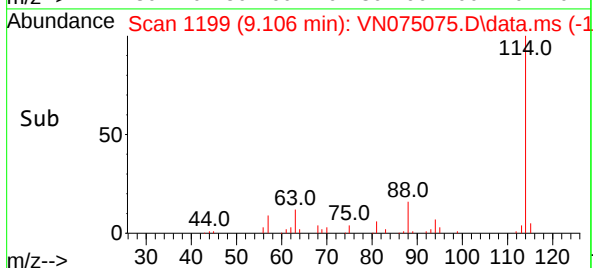
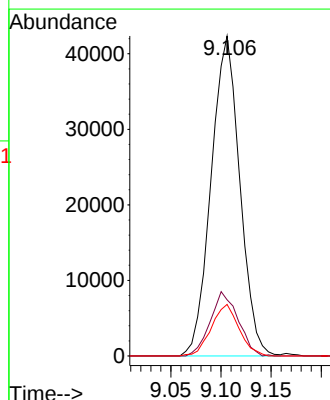
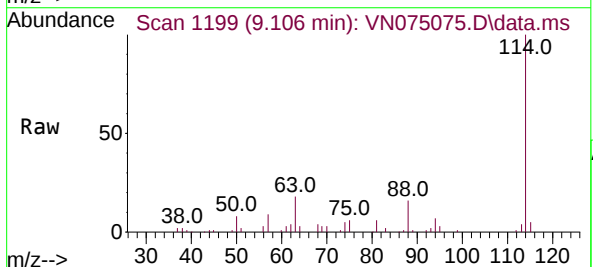
Manual Integrations
APPROVED

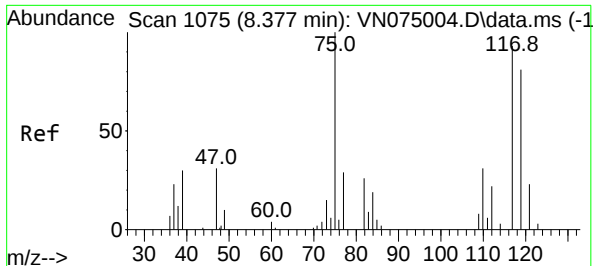
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

Tgt Ion:114 Resp: 84401
Ion Ratio Lower Upper
114 100
63 19.4 15.8 23.6
88 15.6 11.6 17.4





#29

1,1-Dichloropropene

Concen: 20.184 ug/l

RT: 8.371 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VN075075.D

Acq: 28 Oct 2022 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

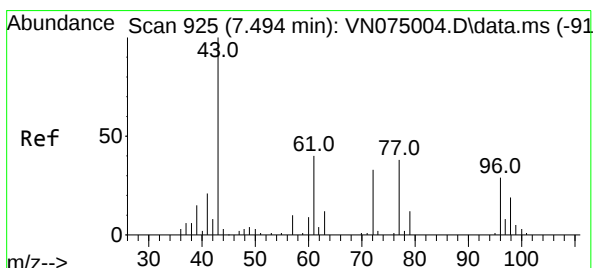
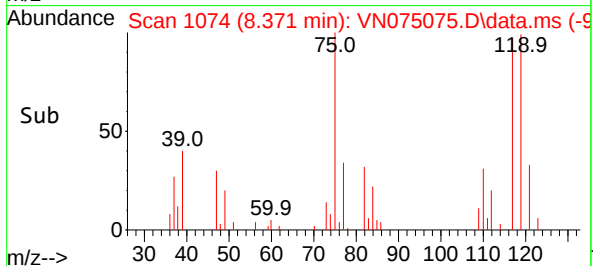
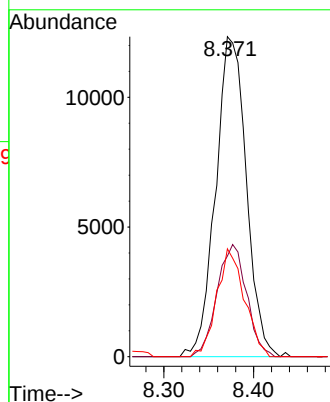
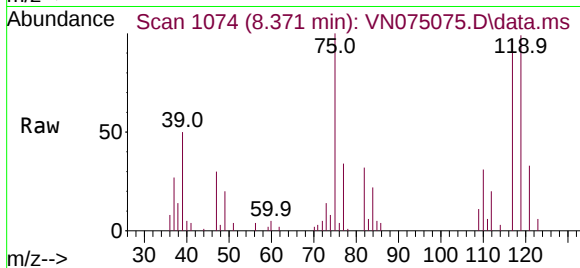
Tgt Ion:	75	Resp:	2922
Ion Ratio	Lower	Upper	
75	100		
110	33.8	0.0	74.2
77	30.6	0.0	63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

2-Butanone

Concen: 98.251 ug/l

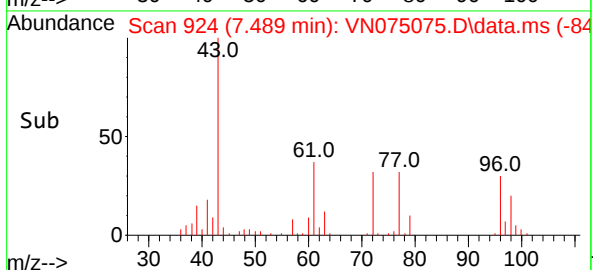
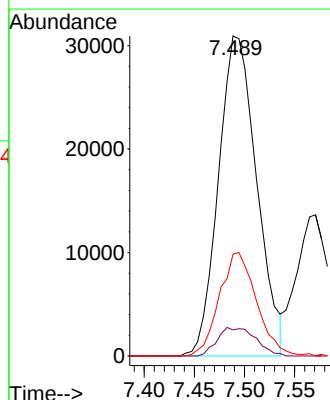
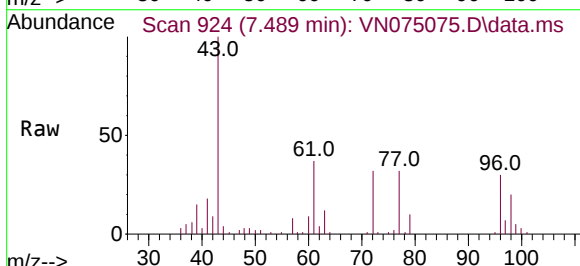
RT: 7.489 min Scan# 924

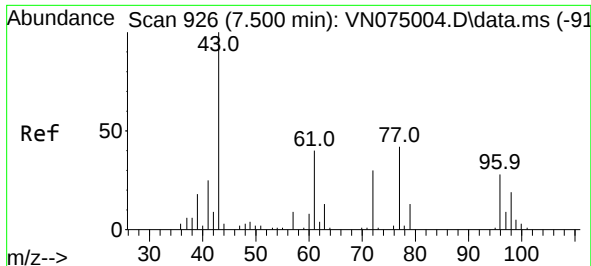
Delta R.T. -0.006 min

Lab File: VN075075.D

Acq: 28 Oct 2022 21:00

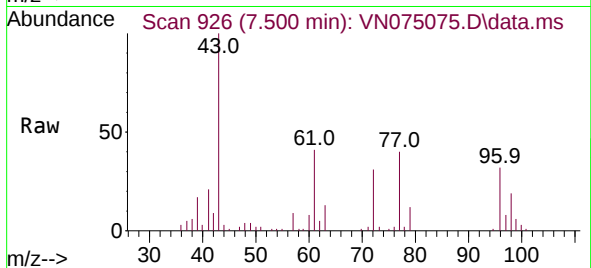
Tgt Ion:	43	Resp:	81996
Ion Ratio	Lower	Upper	
43	100		
57	4.1	6.7	10.1#
72	31.3	23.2	34.8





#31
2,2-Dichloropropane
Concen: 17.457 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

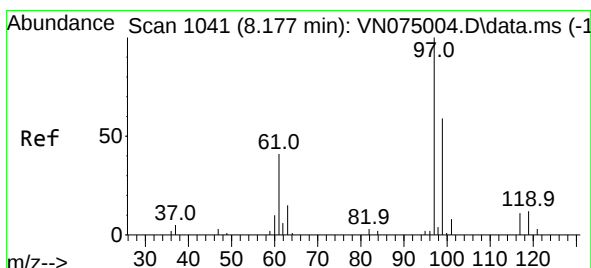
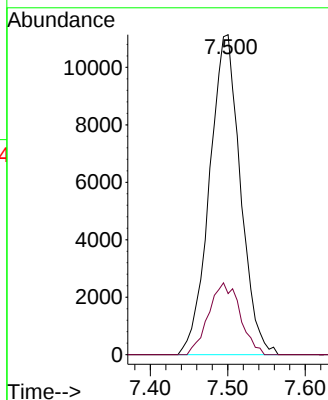
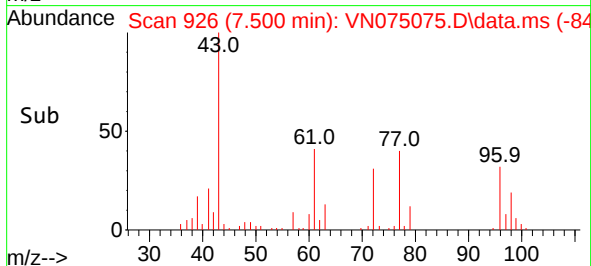
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



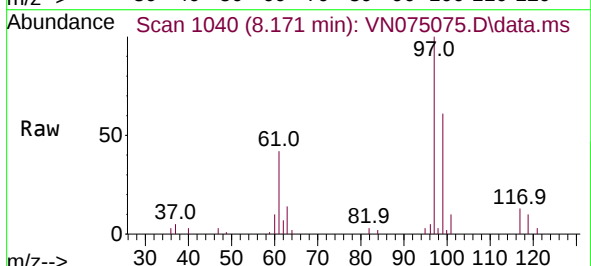
Tgt Ion: 77 Resp: 30872
Ion Ratio Lower Upper
77 100
97 22.9 18.3 27.5

Manual Integrations
APPROVED

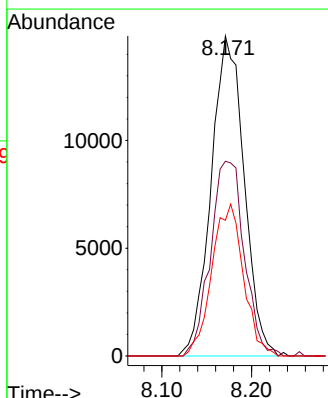
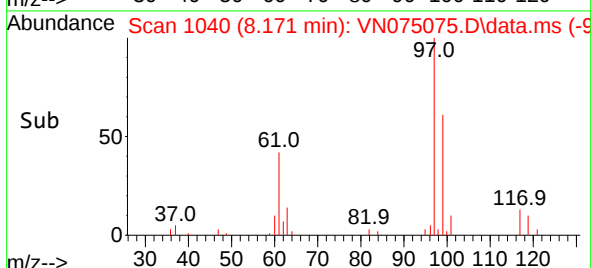
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

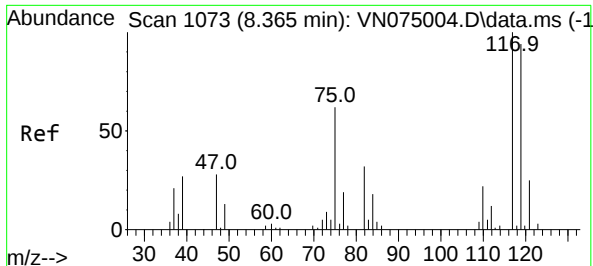


#32
1,1,1-Trichloroethane
Concen: 20.194 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00



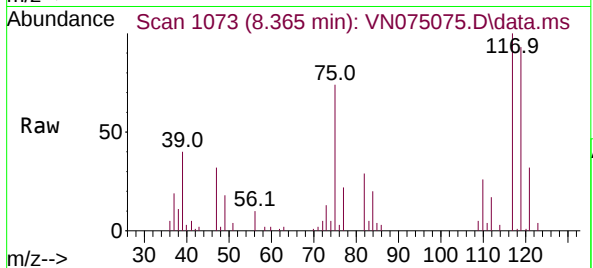
Tgt Ion: 97 Resp: 37863
Ion Ratio Lower Upper
97 100
99 62.1 50.4 75.6
61 45.6 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.239 ug/l
RT: 8.365 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

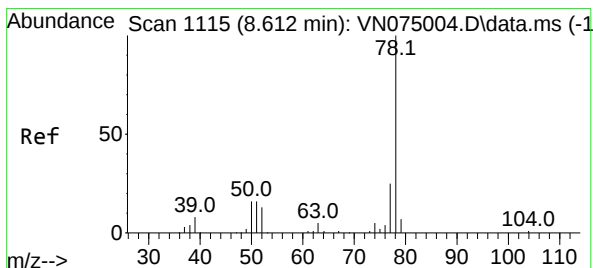
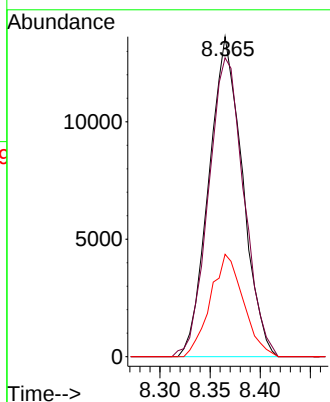
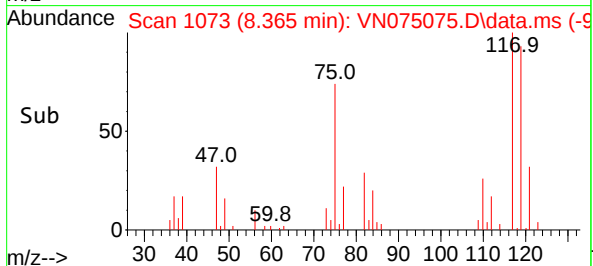
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



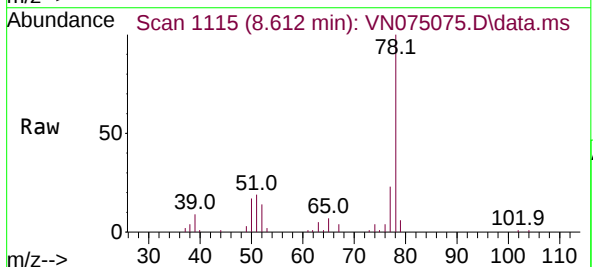
Tgt Ion:117 Resp: 31762
Ion Ratio Lower Upper
117 100
119 93.4 77.5 116.3
121 32.0 23.5 35.3

Manual Integrations
APPROVED

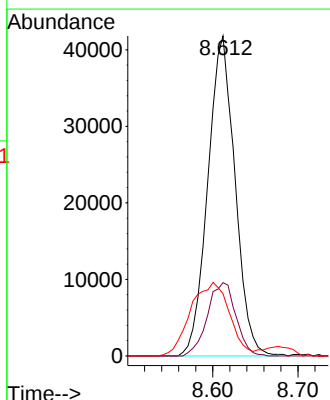
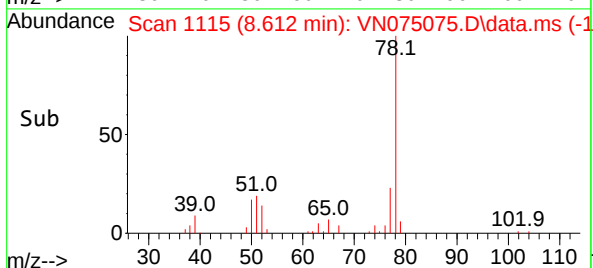
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

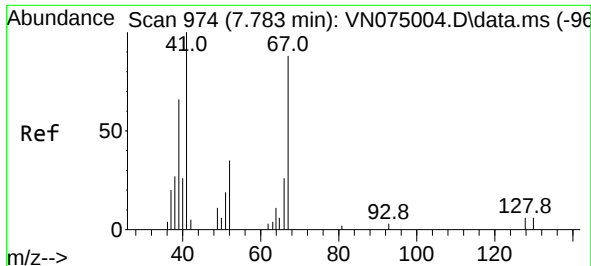


#34
Benzene
Concen: 20.966 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00



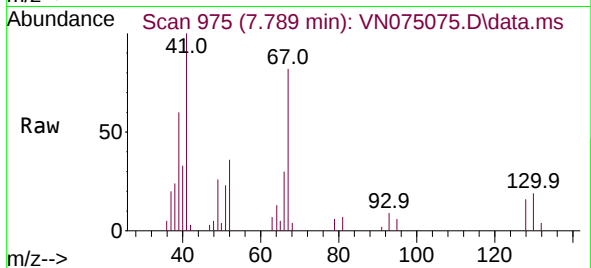
Tgt Ion: 78 Resp: 92793
Ion Ratio Lower Upper
78 100
77 22.9 19.1 28.7
51 16.4 16.0 24.0





#35
Methacrylonitrile
Concen: 20.374 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

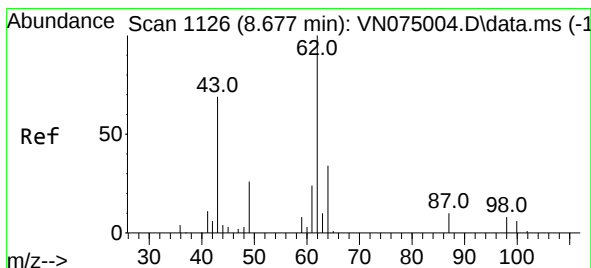
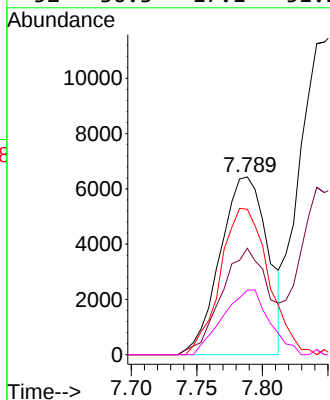
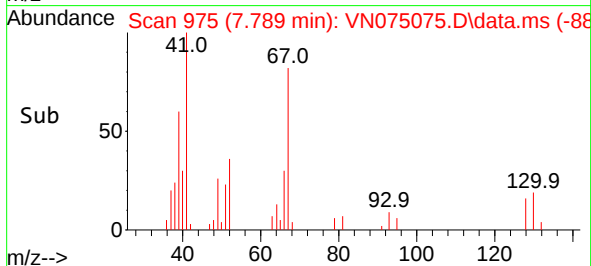
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



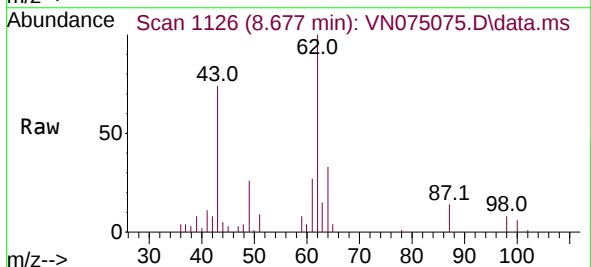
Tgt Ion: 41 Resp: 1629
Ion Ratio Lower Upper
41 100
39 59.9 28.0 83.9
67 81.8 37.7 113.1
52 36.3 17.1 51.2

Manual Integrations
APPROVED

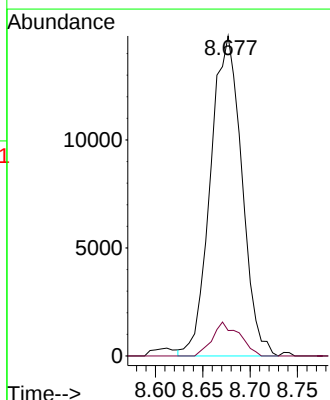
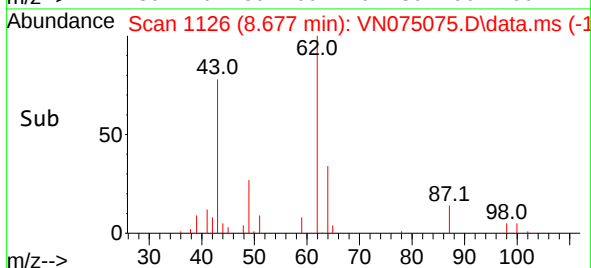
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

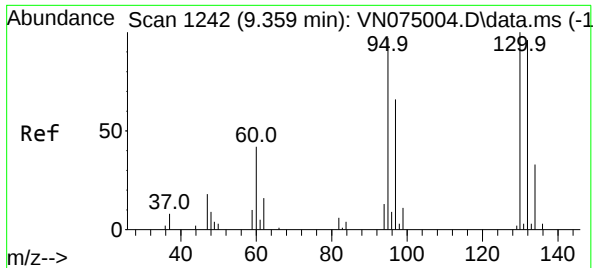


#36
1,2-Dichloroethane
Concen: 20.797 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00



Tgt Ion: 62 Resp: 34107
Ion Ratio Lower Upper
62 100
98 5.5 6.6 10.0#





#37

Trichloroethene

Concen: 20.997 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. -0.006 min

Lab File: VN075075.D

Acq: 28 Oct 2022 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 2309

Ion Ratio Lower Upper

130 100

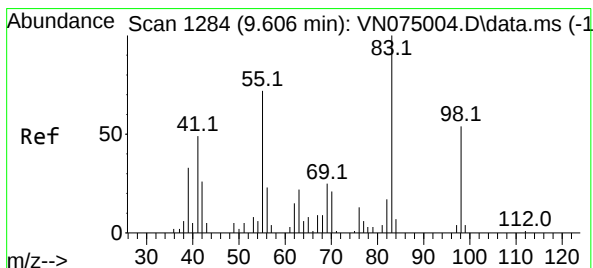
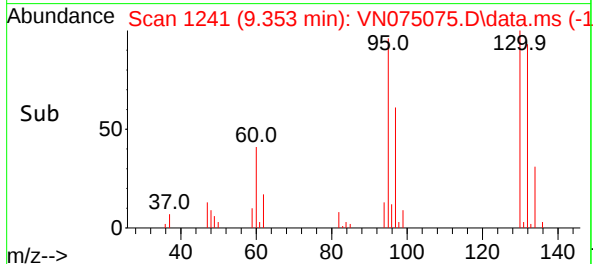
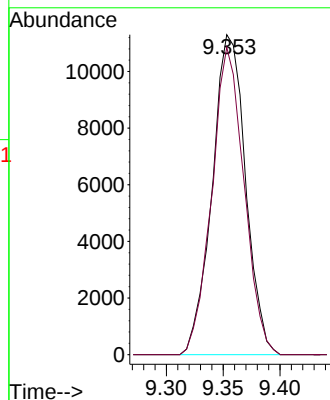
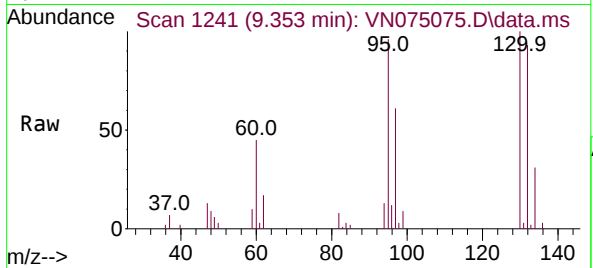
95 96.0 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#38

Methylcyclohexane

Concen: 18.806 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VN075075.D

Acq: 28 Oct 2022 21:00

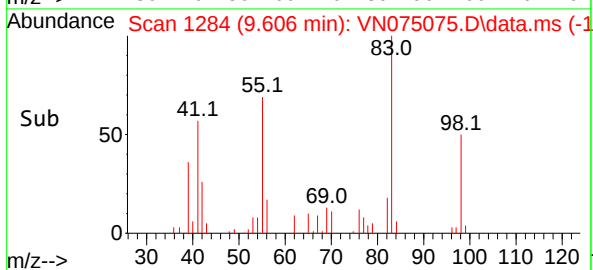
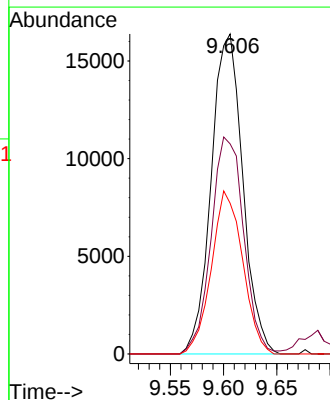
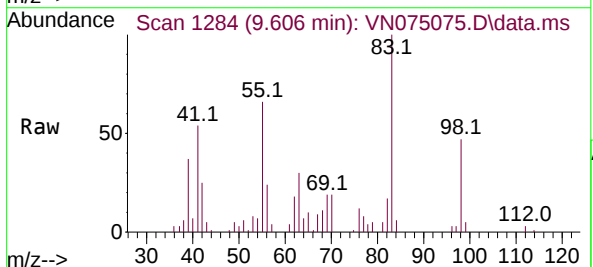
Tgt Ion: 83 Resp: 33757

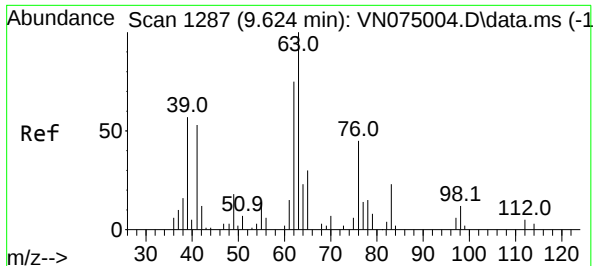
Ion Ratio Lower Upper

83 100

55 69.8 35.1 105.3

98 50.5 23.4 70.2





#39

1,2-Dichloropropane

Concen: 21.026 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075075.D

Acq: 28 Oct 2022 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 2342

Ion Ratio Lower Upper

63 100

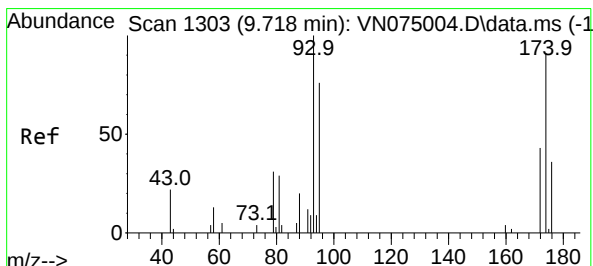
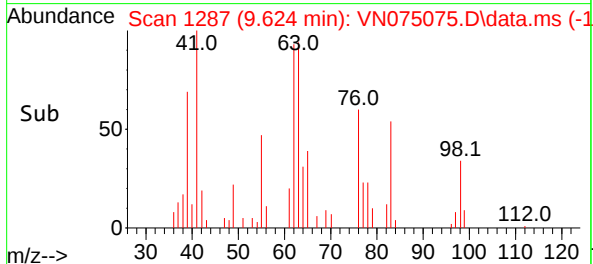
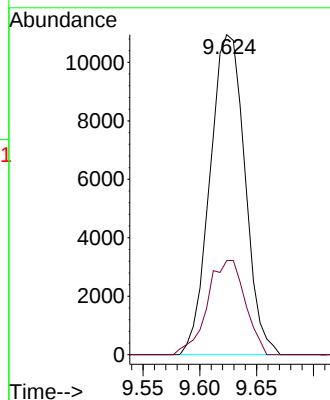
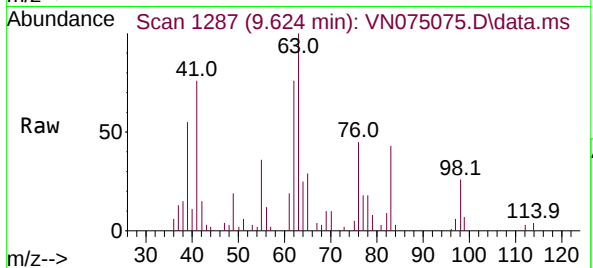
65 29.4 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Dibromomethane

Concen: 19.822 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.006 min

Lab File: VN075075.D

Acq: 28 Oct 2022 21:00

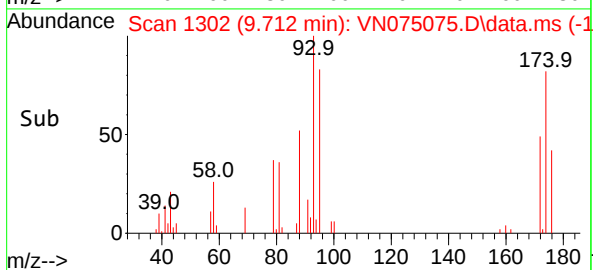
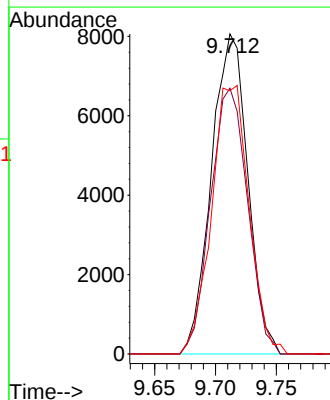
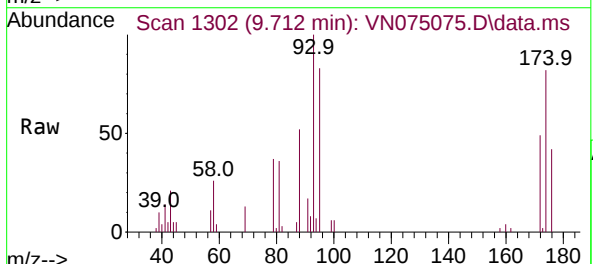
Tgt Ion: 93 Resp: 16756

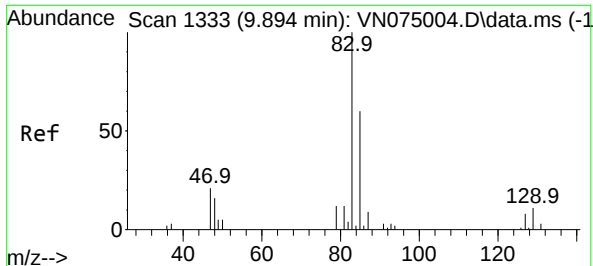
Ion Ratio Lower Upper

93 100

95 84.9 0.0 168.8

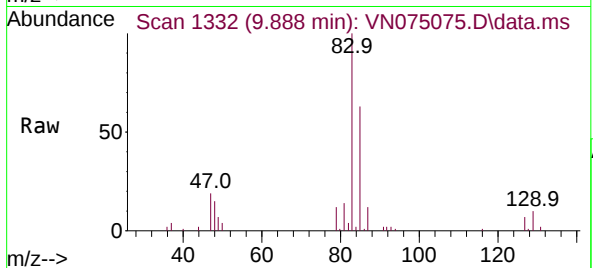
174 86.7 0.0 173.6





#41
Bromodichloromethane
Concen: 20.445 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

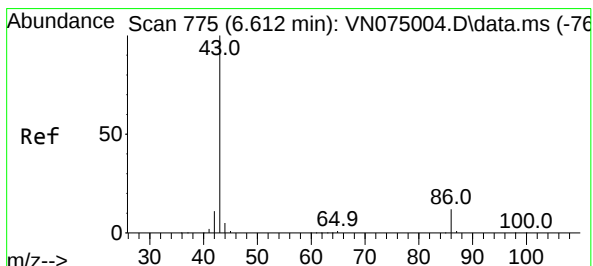
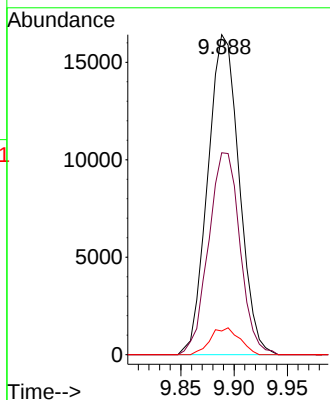
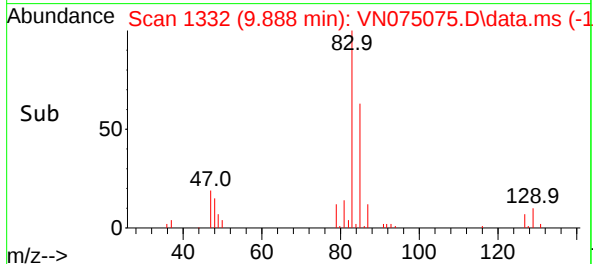
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 3364
Ion Ratio Lower Upper
83 100
85 63.1 54.1 81.1
127 8.4 7.6 11.4

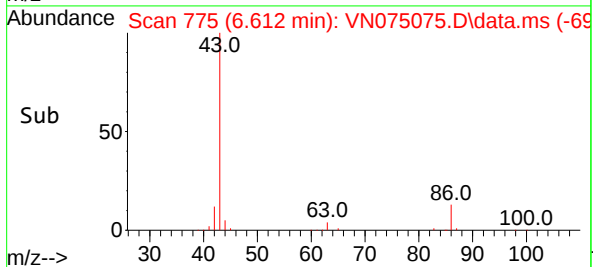
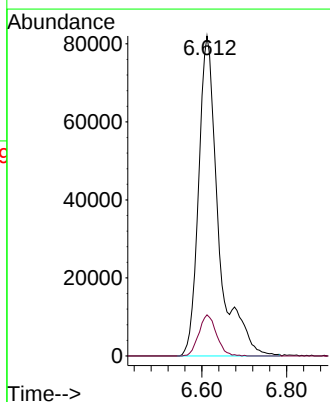
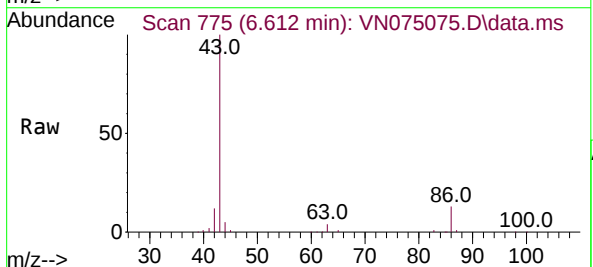
Manual Integrations
APPROVED

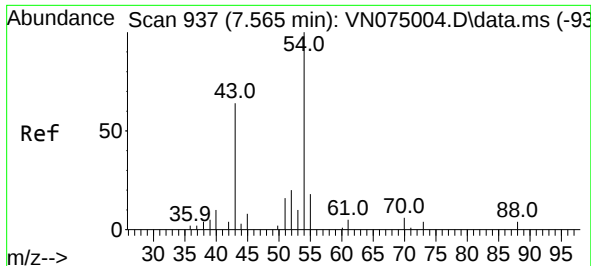
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#42
Vinyl Acetate
Concen: 113.544 ug/l m
RT: 6.612 min Scan# 775
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

Tgt Ion: 43 Resp: 266910
Ion Ratio Lower Upper
43 100
86 11.4 7.5 11.3#





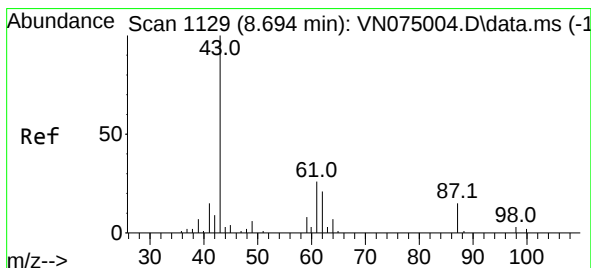
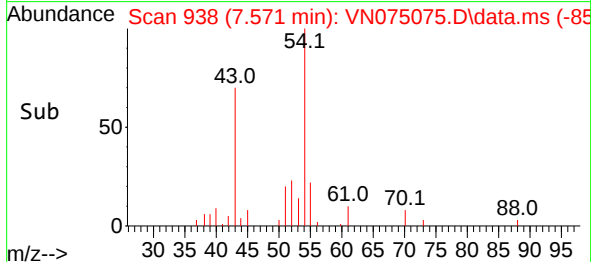
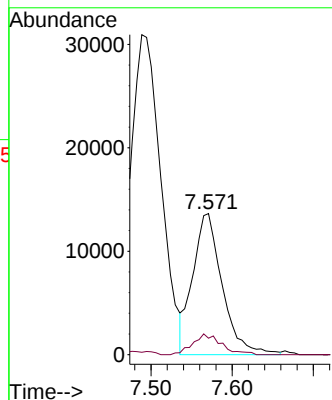
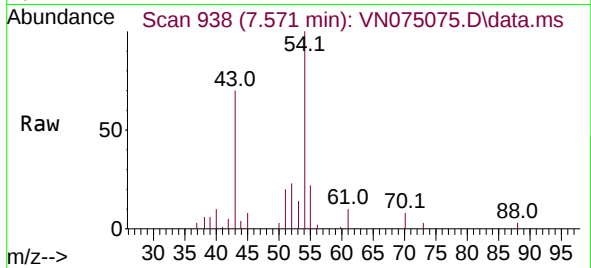
#43
Ethyl Acetate
Concen: 20.890 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 3445
Ion Ratio Lower Upper
43 100
45 14.3 10.6 16.0

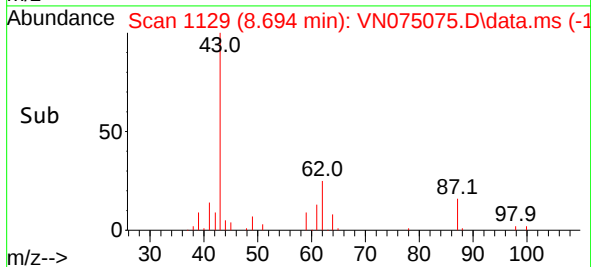
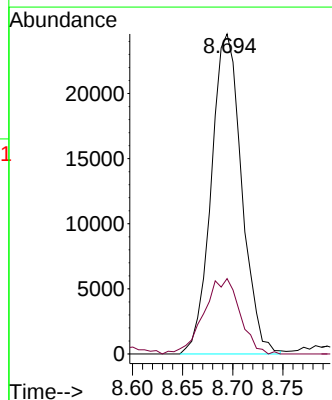
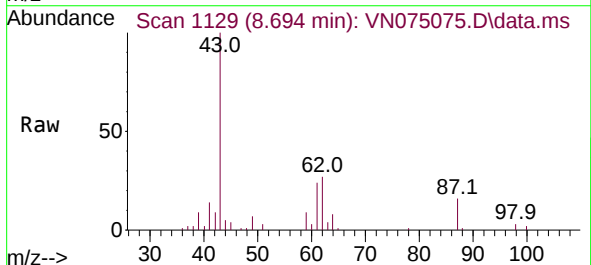
Manual Integrations
APPROVED

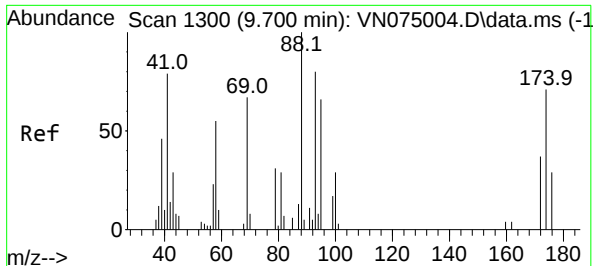
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
Isopropyl Acetate
Concen: 19.629 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

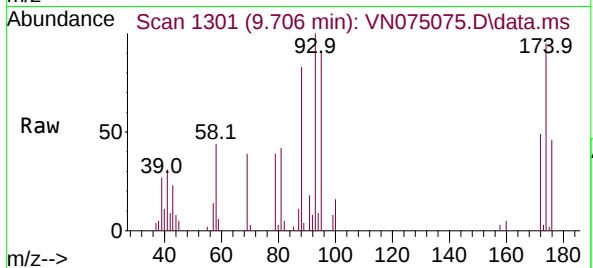
Tgt Ion: 43 Resp: 51930
Ion Ratio Lower Upper
43 100
61 27.8 20.1 30.1





#45
1,4-Dioxane
Concen: 387.984 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

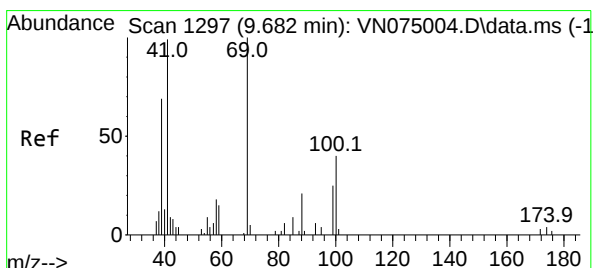
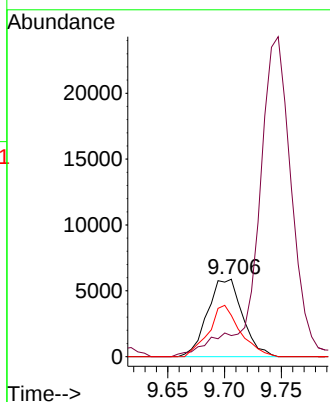
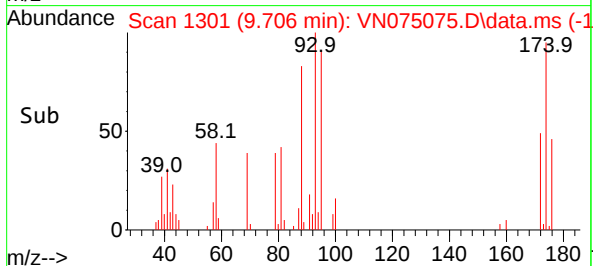
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



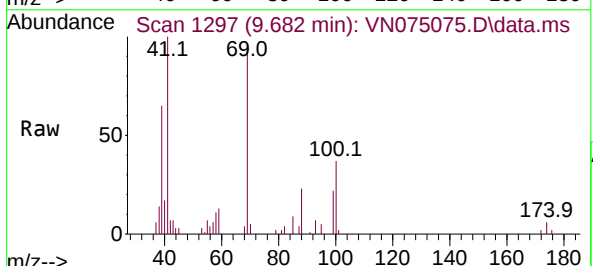
Tgt Ion: 88 Resp: 12634
Ion Ratio Lower Upper
88 100
43 24.3 25.0 37.6
58 59.3 49.4 74.2

Manual Integrations
APPROVED

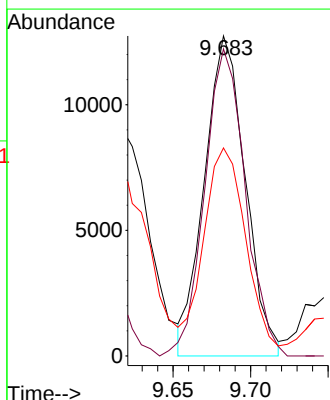
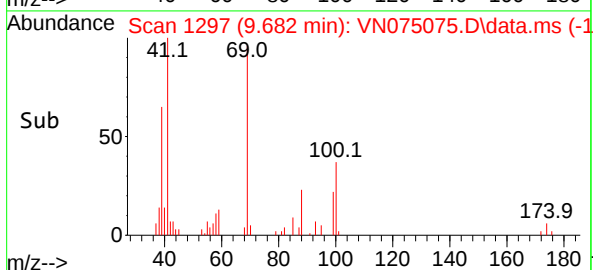
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

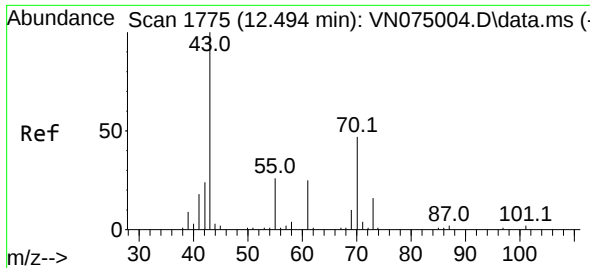


#46
Methyl methacrylate
Concen: 19.652 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00



Tgt Ion: 41 Resp: 23323
Ion Ratio Lower Upper
41 100
69 97.3 44.4 133.2
39 64.8 39.9 119.6





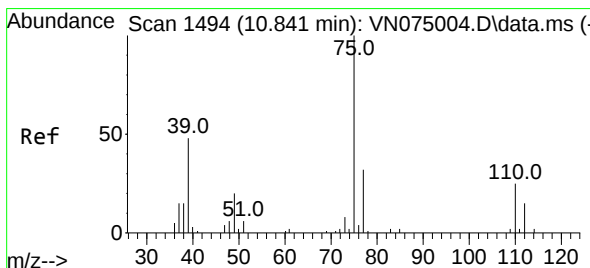
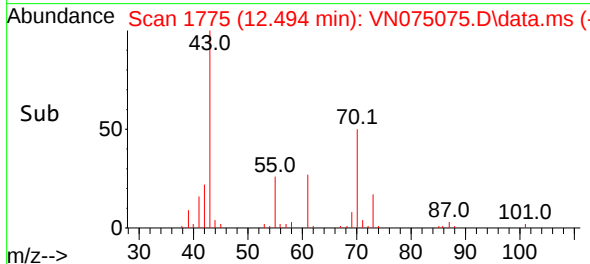
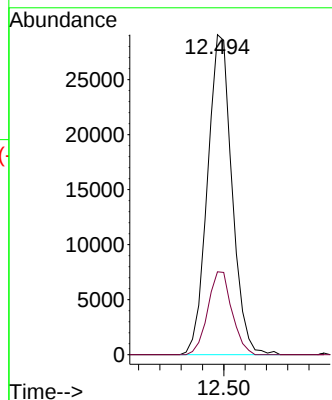
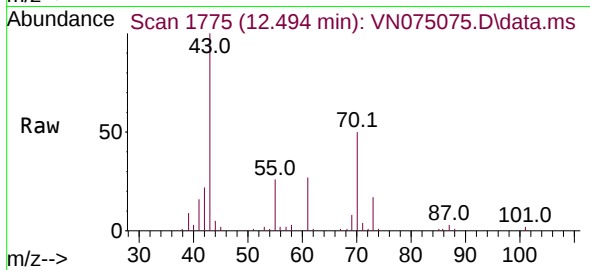
#47
n-amy1 Acetate
Concen: 20.461 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 46502
Ion Ratio Lower Upper
43 100
55 25.4 19.0 28.6

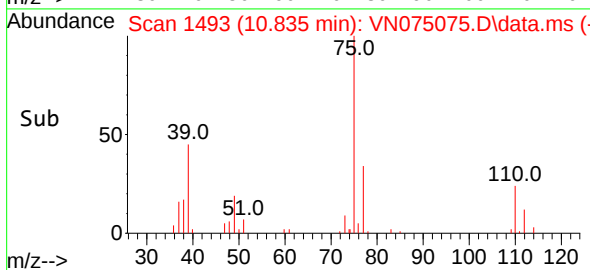
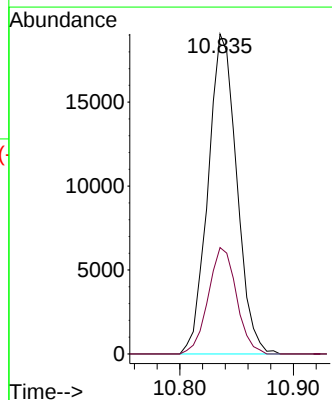
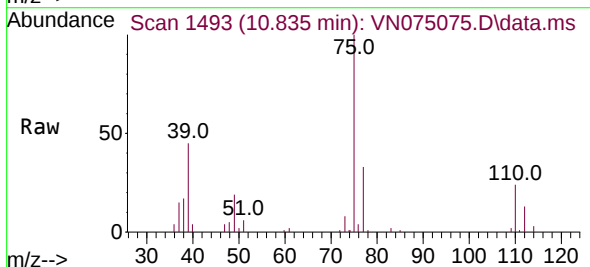
Manual Integrations
APPROVED

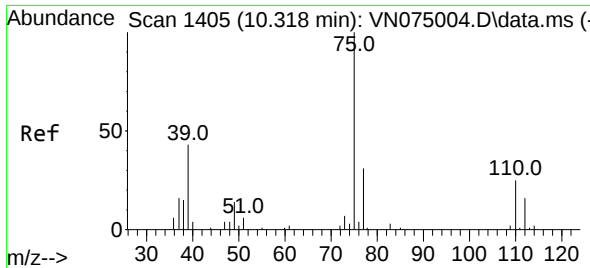
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#48
t-1,3-Dichloropropene
Concen: 18.585 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

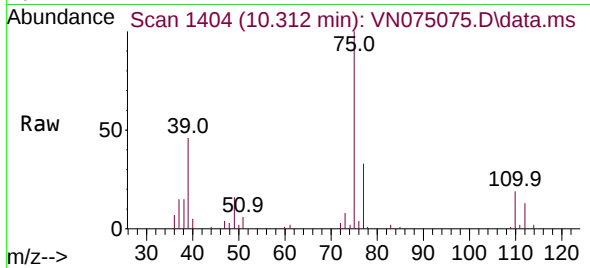
Tgt Ion: 75 Resp: 33415
Ion Ratio Lower Upper
75 100
77 33.3 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 19.412 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075075.D
 Acq: 28 Oct 2022 21:00

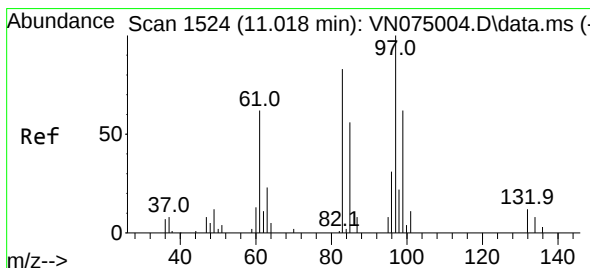
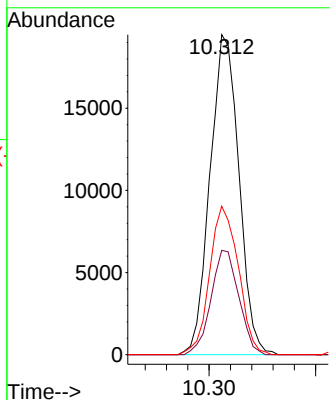
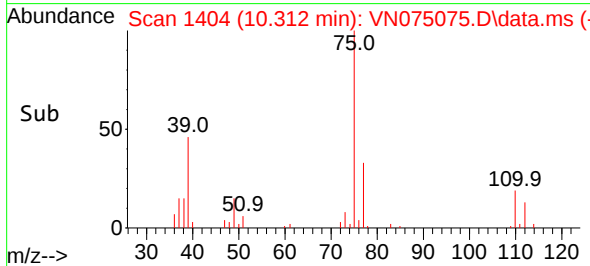
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 75 Resp: 36684
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.3 37.9
 39 46.4 46.2 69.4

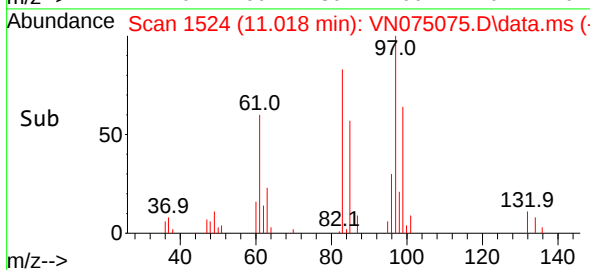
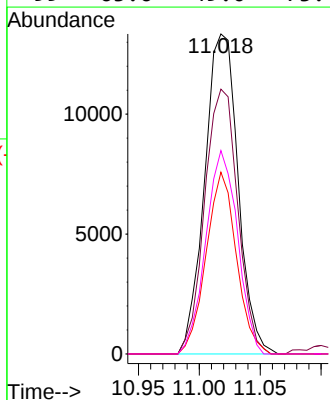
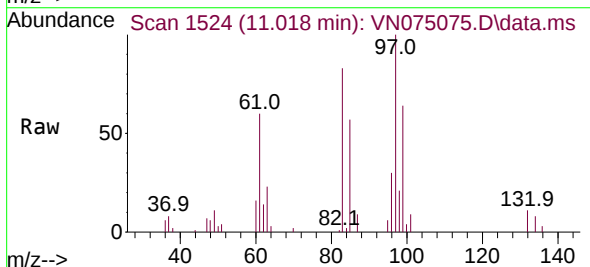
Manual Integrations
 APPROVED

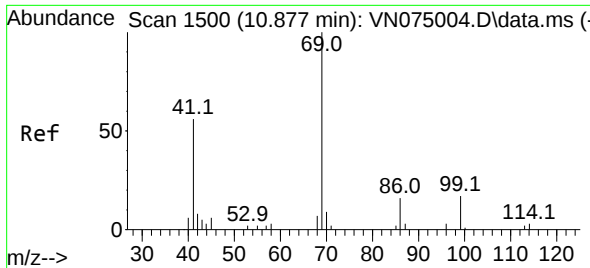
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#50
 1,1,2-Trichloroethane
 Concen: 20.598 ug/l
 RT: 11.018 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VN075075.D
 Acq: 28 Oct 2022 21:00

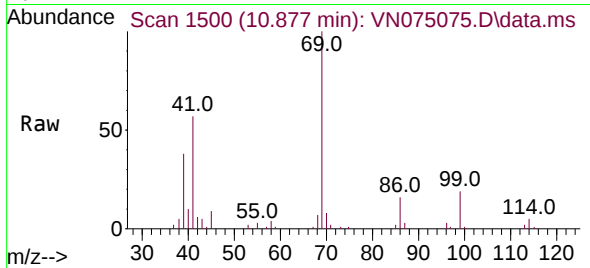
Tgt Ion: 97 Resp: 25509
 Ion Ratio Lower Upper
 97 100
 83 82.7 67.2 100.8
 85 56.8 43.0 64.4
 99 63.6 49.0 73.4





#51
Ethyl methacrylate
Concen: 19.412 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

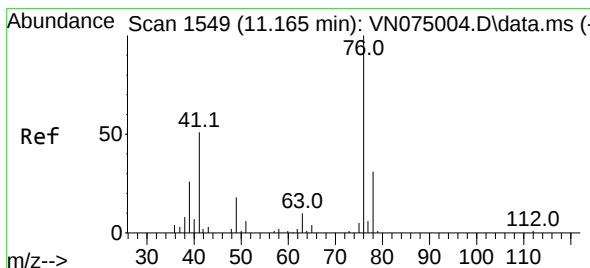
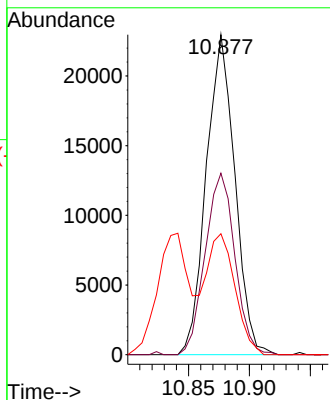
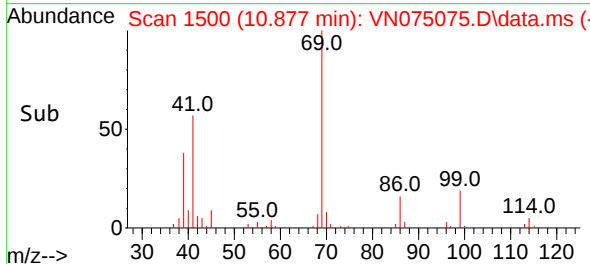
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 37450
Ion Ratio Lower Upper
69 100
41 56.7 33.0 98.9
39 37.8 25.4 76.4

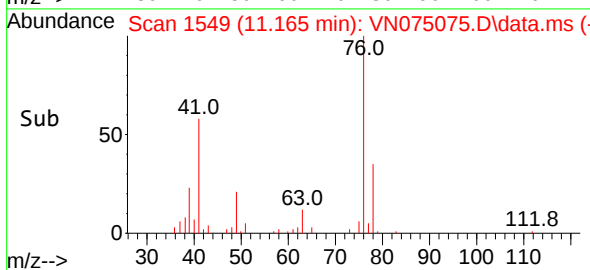
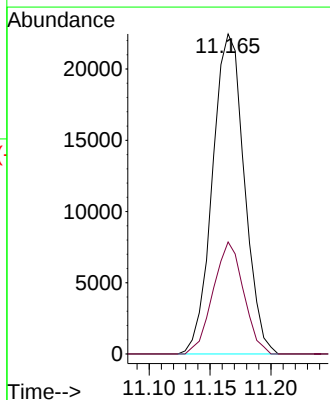
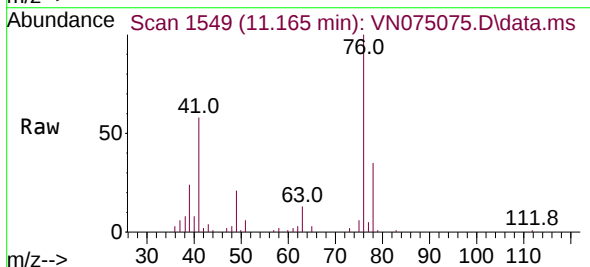
Manual Integrations
APPROVED

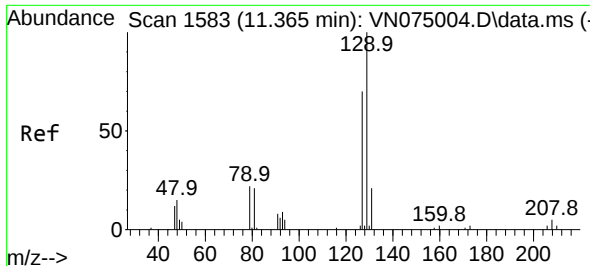
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
1,3-Dichloropropane
Concen: 19.715 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

Tgt Ion: 76 Resp: 40834
Ion Ratio Lower Upper
76 100
78 33.5 0.0 65.4





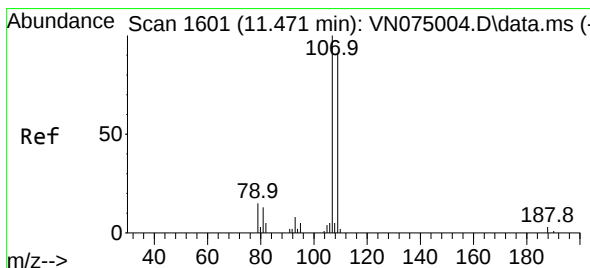
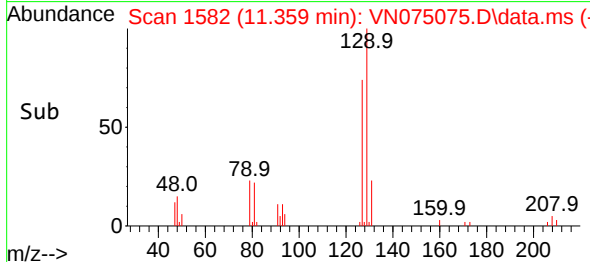
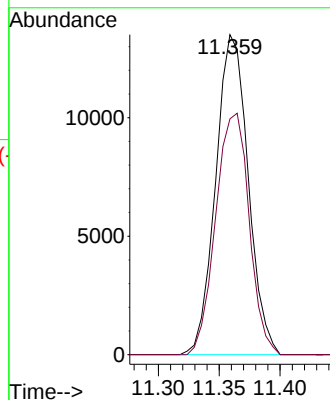
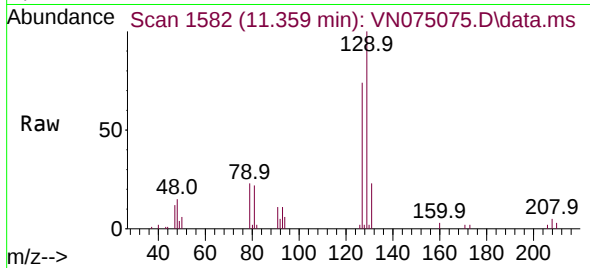
#53
Dibromochloromethane
Concen: 18.734 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 25094
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0

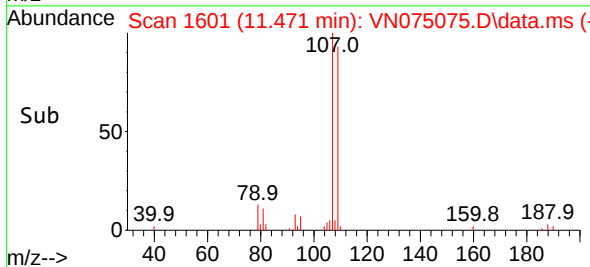
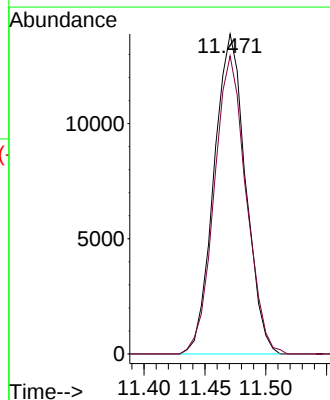
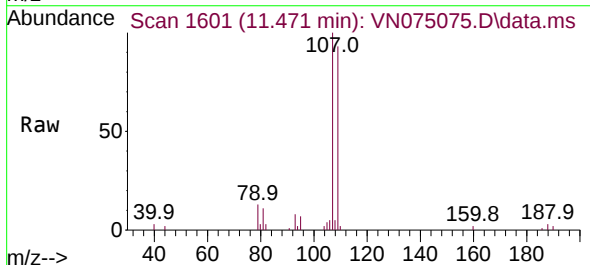
Manual Integrations
APPROVED

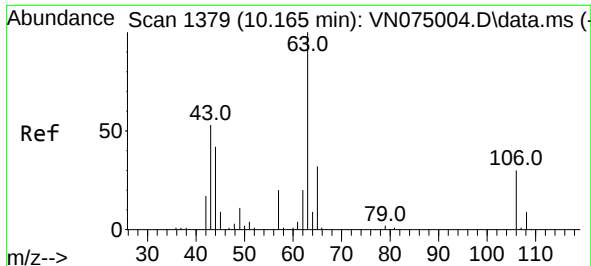
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#54
1,2-Dibromoethane
Concen: 19.572 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

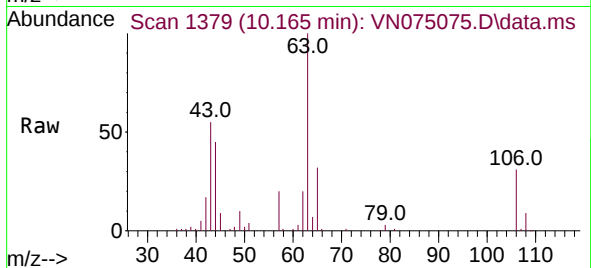
Tgt Ion:107 Resp: 25077
Ion Ratio Lower Upper
107 100
109 93.9 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 103.929 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

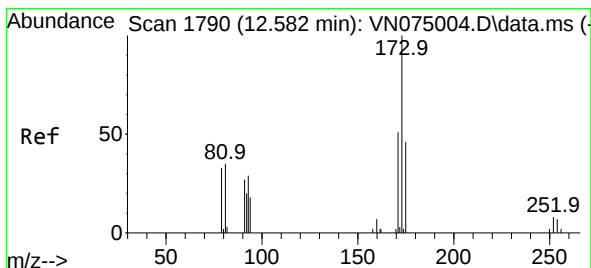
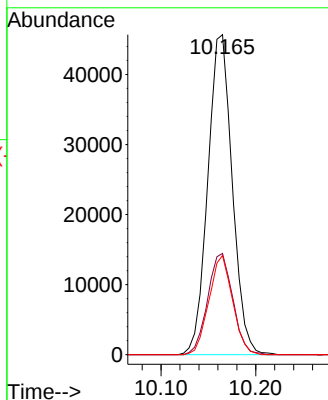
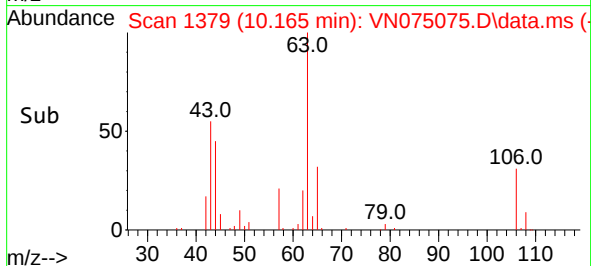
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 81929
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.0
106 29.8 23.2 34.8

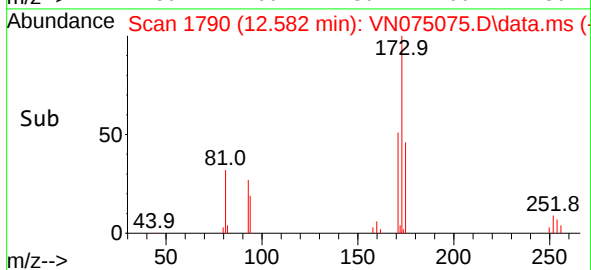
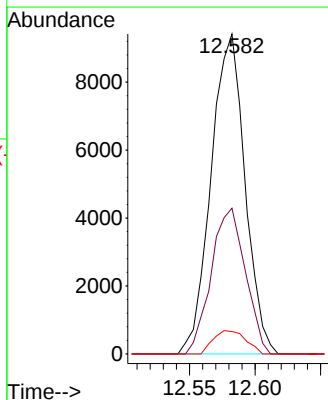
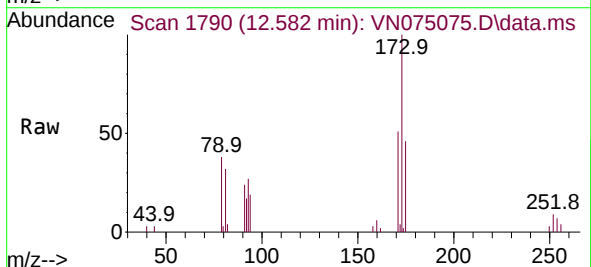
Manual Integrations
APPROVED

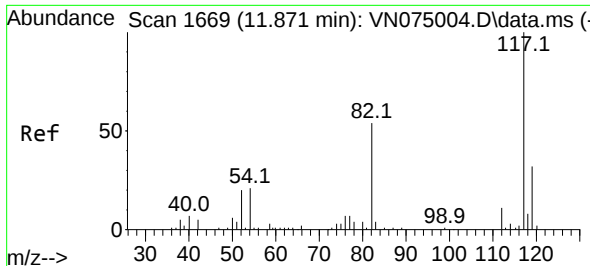
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#56
Bromoform
Concen: 17.219 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

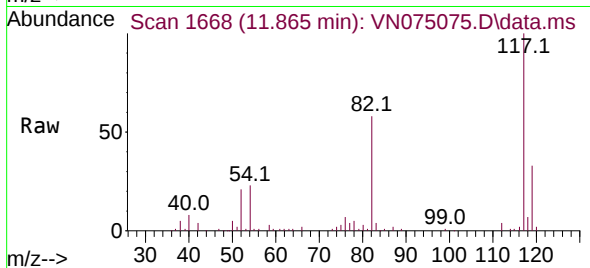
Tgt Ion:173 Resp: 16933
Ion Ratio Lower Upper
173 100
175 45.8 38.6 58.0
254 7.0 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

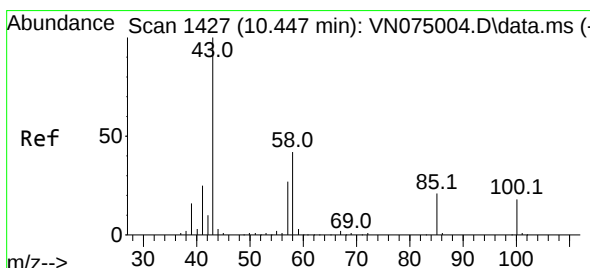
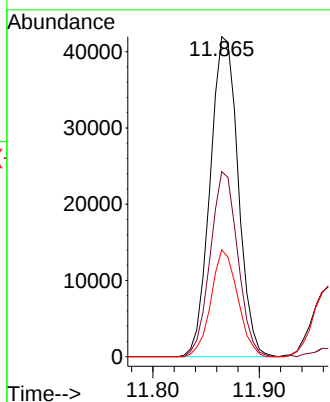
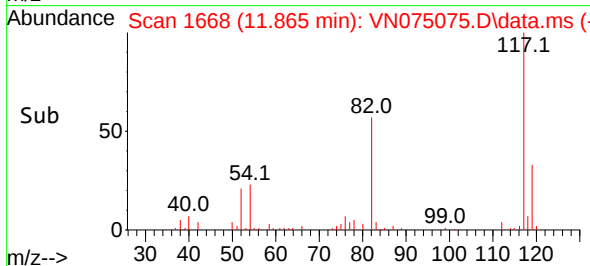
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 7676
Ion Ratio Lower Upper
117 100
82 56.6 43.6 65.4
119 31.8 25.8 38.6

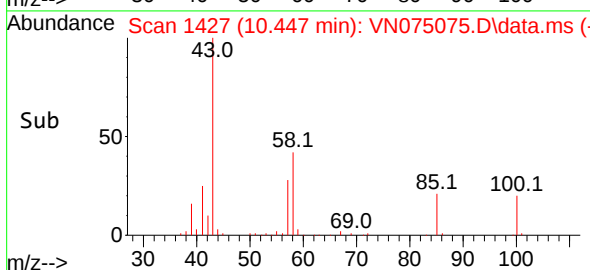
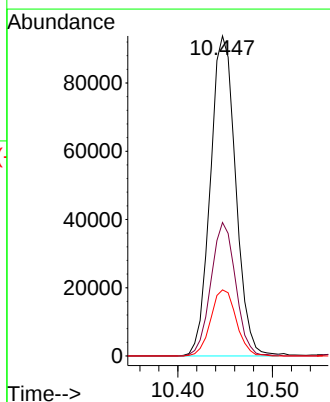
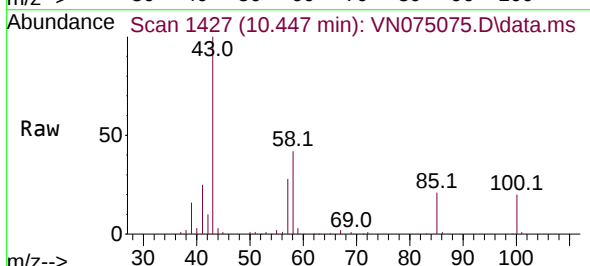
Manual Integrations
APPROVED

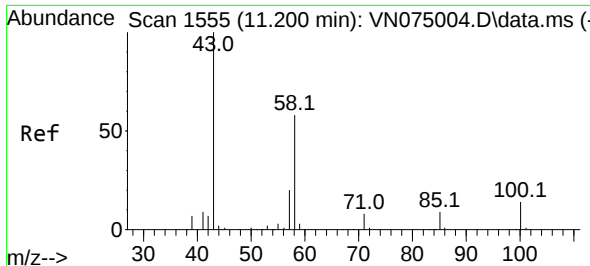
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#58
4-Methyl-2-Pentanone
Concen: 105.116 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

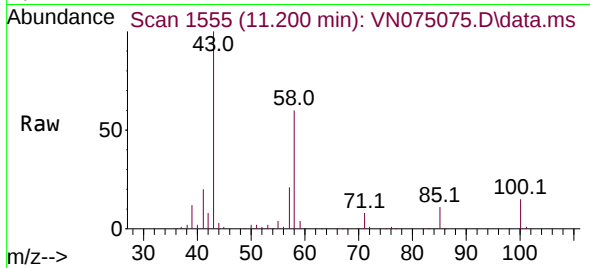
Tgt Ion: 43 Resp: 174043
Ion Ratio Lower Upper
43 100
58 40.8 30.0 45.0
85 20.8 15.0 22.6





#59
2-Hexanone
Concen: 104.162 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

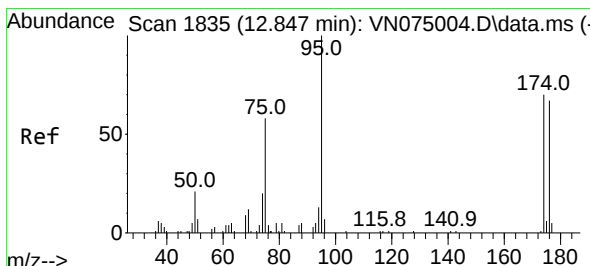
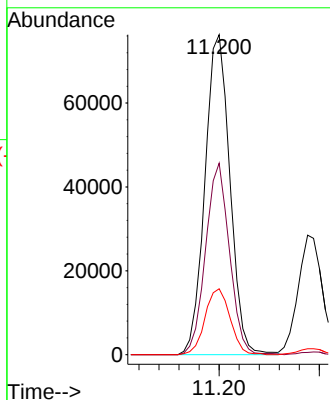
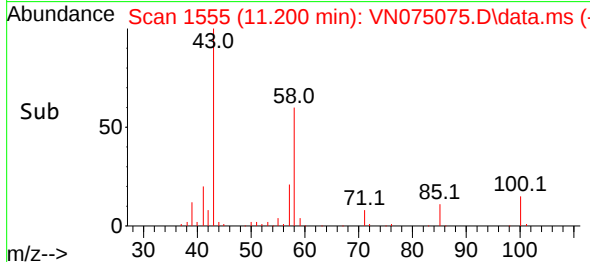
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 13230
Ion Ratio Lower Upper
43 100
58 57.1 42.2 63.2
57 20.5 15.0 22.4

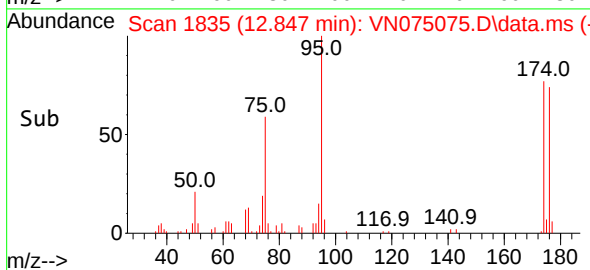
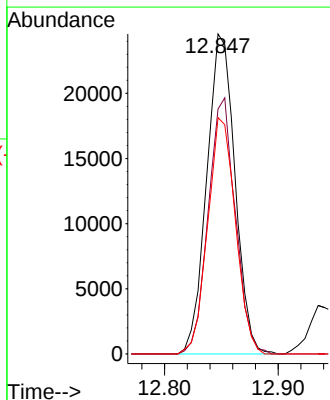
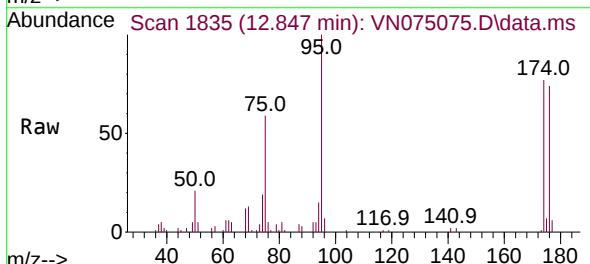
Manual Integrations
APPROVED

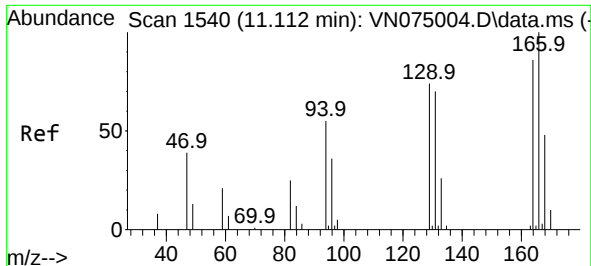
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
4-Bromofluorobenzene
Concen: 28.156 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

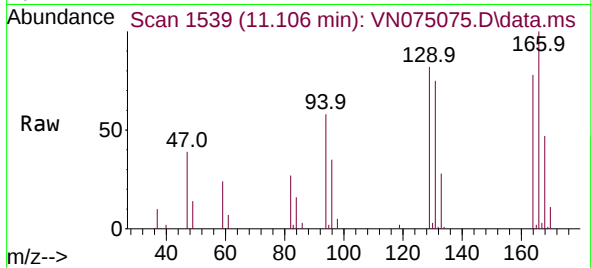
Tgt Ion: 95 Resp: 42465
Ion Ratio Lower Upper
95 100
174 76.8 62.9 94.3
176 72.5 61.0 91.4





#61
Tetrachloroethene
Concen: 20.518 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

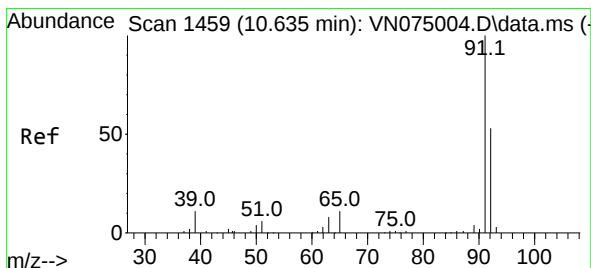
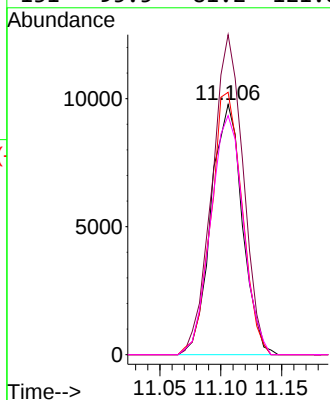
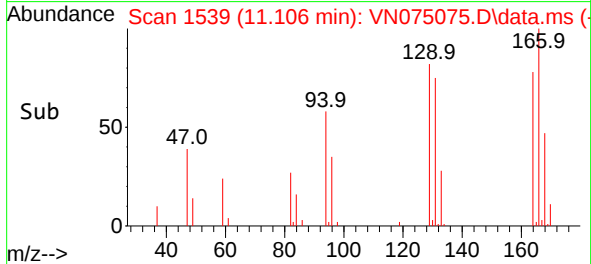
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 17510
Ion Ratio Lower Upper
164 100
166 127.9 105.8 158.8
129 104.9 82.5 123.7
131 95.5 81.2 121.8

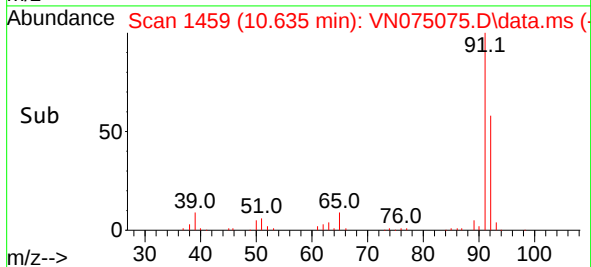
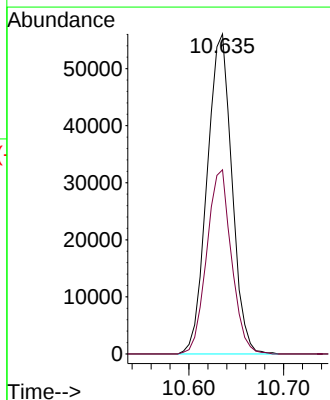
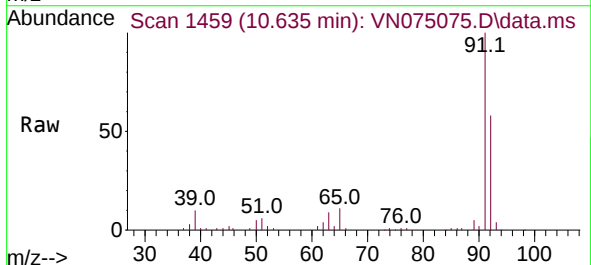
Manual Integrations
APPROVED

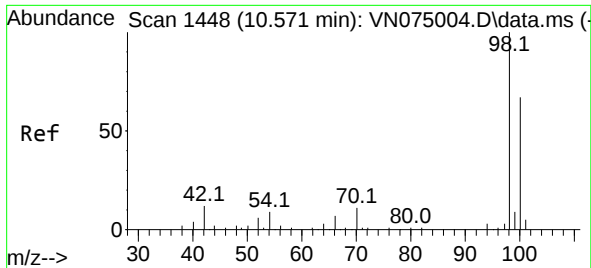
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
Toluene
Concen: 20.555 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

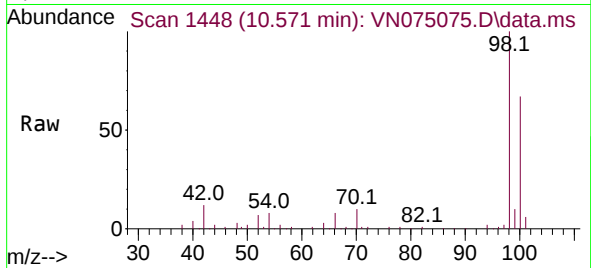
Tgt Ion: 91 Resp: 102154
Ion Ratio Lower Upper
91 100
92 57.3 44.6 67.0





#63
Toluene-d8
Concen: 30.013 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

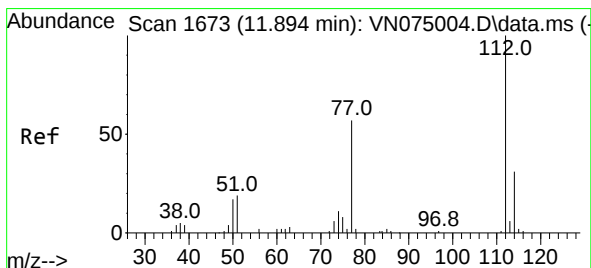
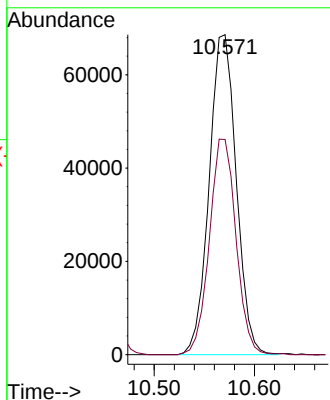
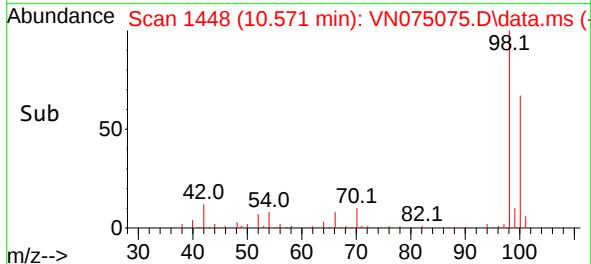
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



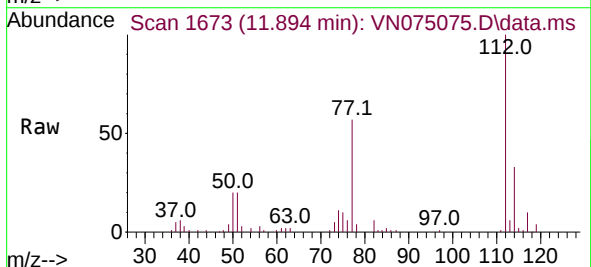
Tgt Ion: 98 Resp: 12885
Ion Ratio Lower Upper
98 100
100 66.1 50.6 76.0

Manual Integrations
APPROVED

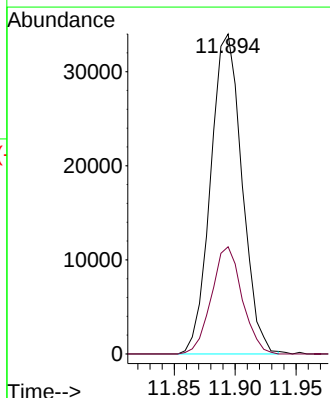
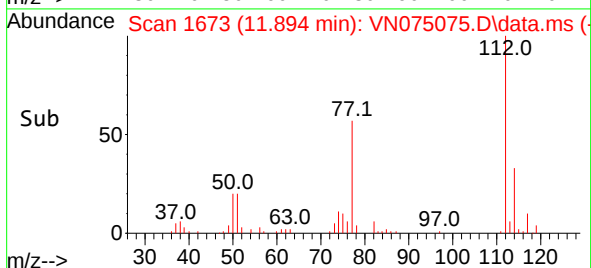
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

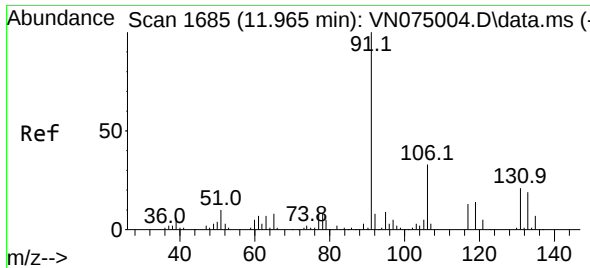


#64
Chlorobenzene
Concen: 19.805 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00



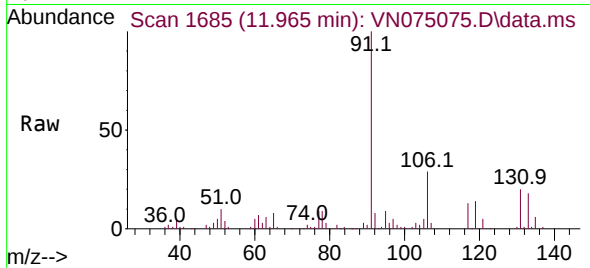
Tgt Ion:112 Resp: 60996
Ion Ratio Lower Upper
112 100
114 33.5 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.531 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

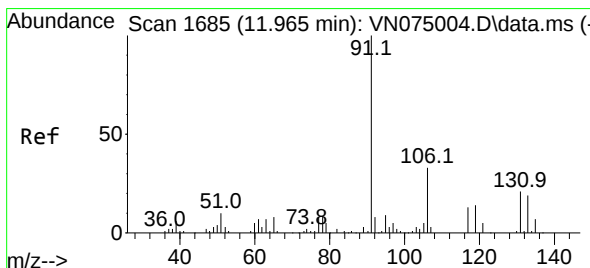
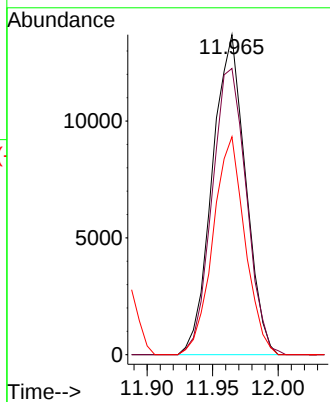
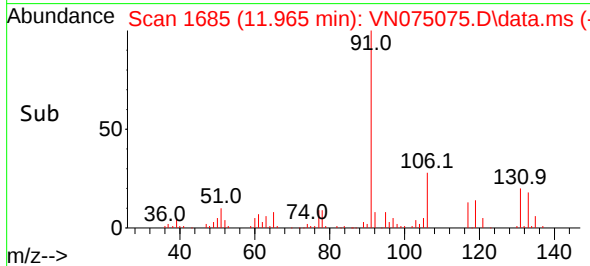
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 2415
Ion Ratio Lower Upper
131 100
133 92.4 0.0 191.2
119 65.4 0.0 128.8

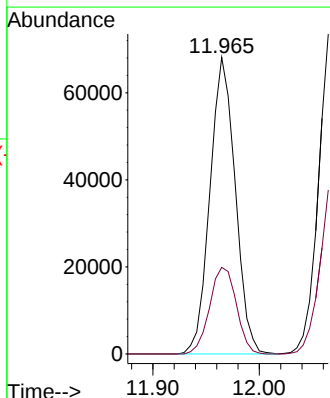
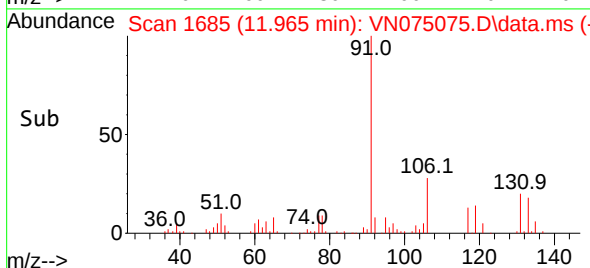
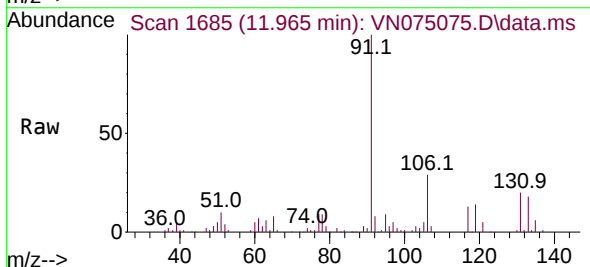
Manual Integrations
APPROVED

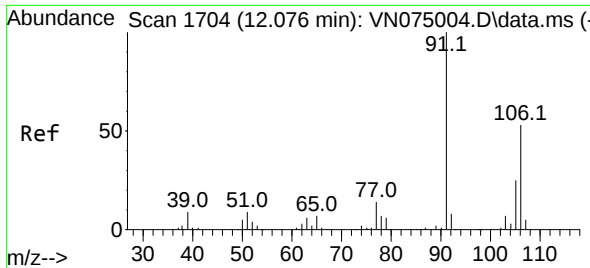
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
Ethyl Benzene
Concen: 20.050 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

Tgt Ion: 91 Resp: 112302
Ion Ratio Lower Upper
91 100
106 29.2 24.0 36.0





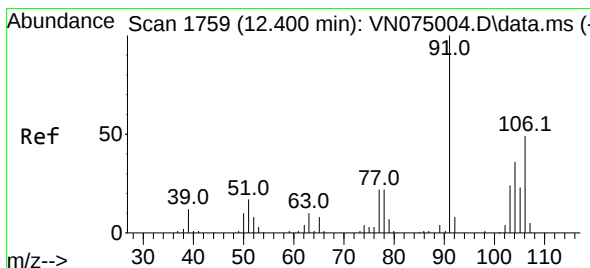
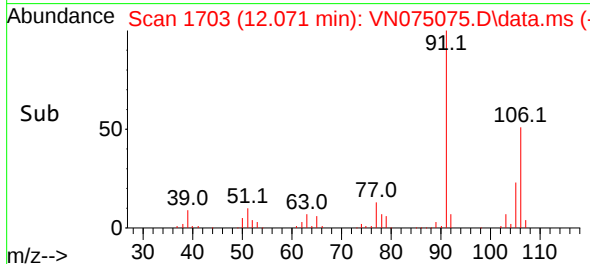
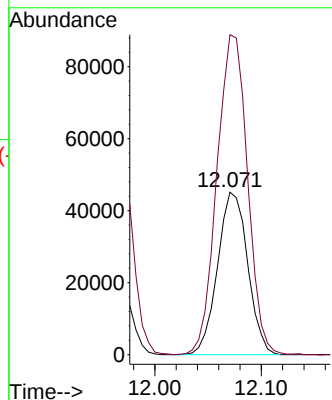
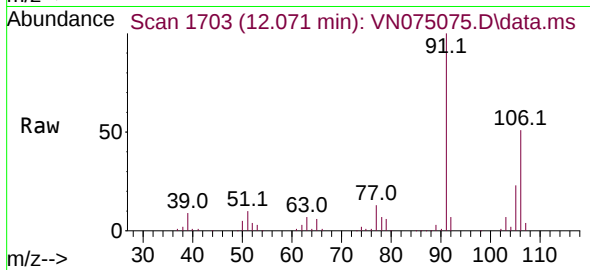
#67
m/p-Xylenes
Concen: 39.481 ug/l
RT: 12.071 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 8868
Ion Ratio Lower Upper
106 100
91 200.0 162.9 244.3

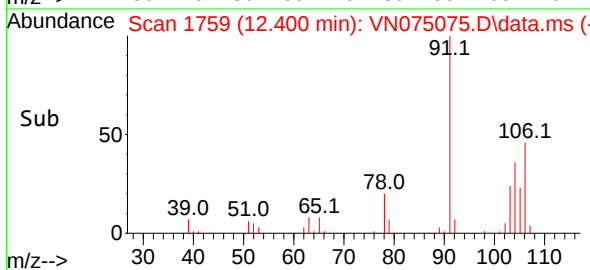
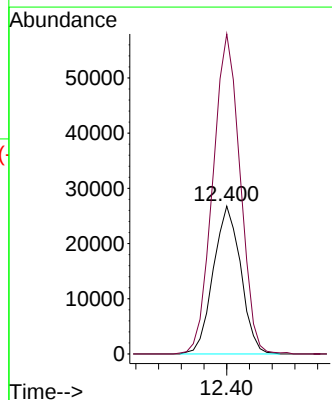
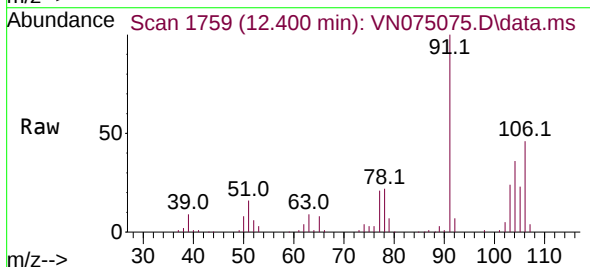
Manual Integrations
APPROVED

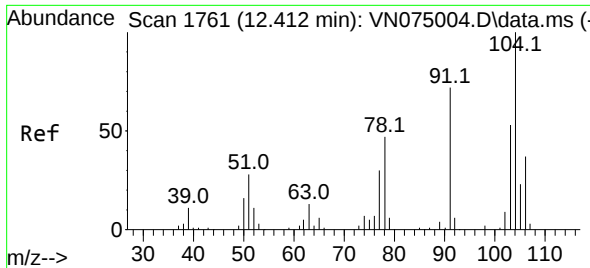
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#68
o-Xylene
Concen: 19.926 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

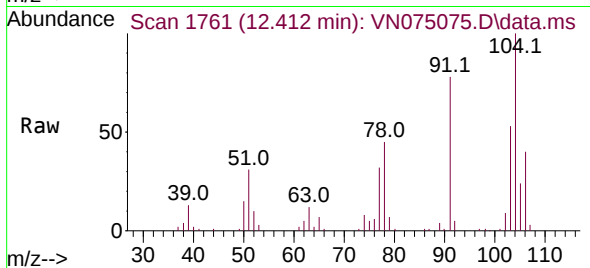
Tgt Ion:106 Resp: 44993
Ion Ratio Lower Upper
106 100
91 215.0 107.7 323.1





#69
Styrene
Concen: 19.174 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

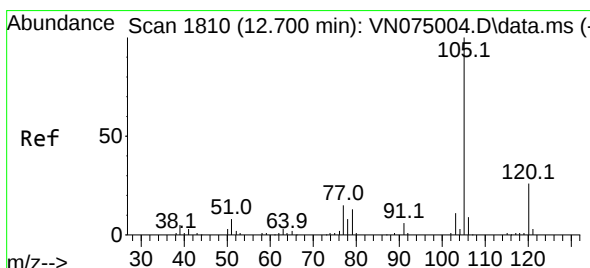
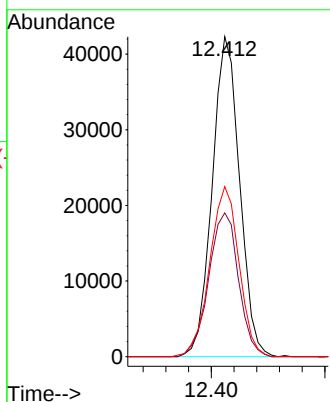
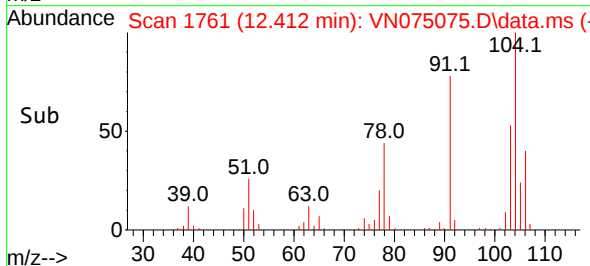
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



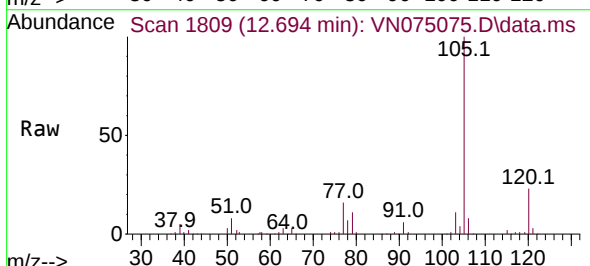
Tgt Ion:104 Resp: 70802
Ion Ratio Lower Upper
104 100
78 48.8 40.7 61.1
103 56.7 45.8 68.8

Manual Integrations
APPROVED

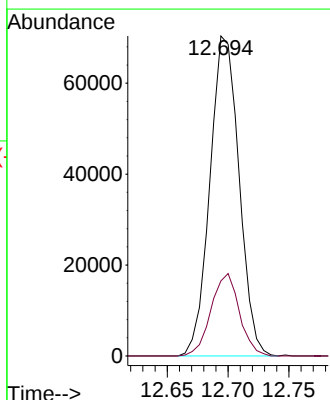
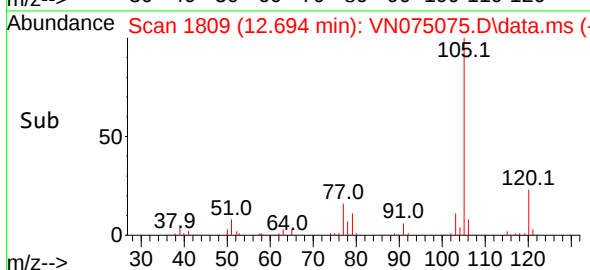
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

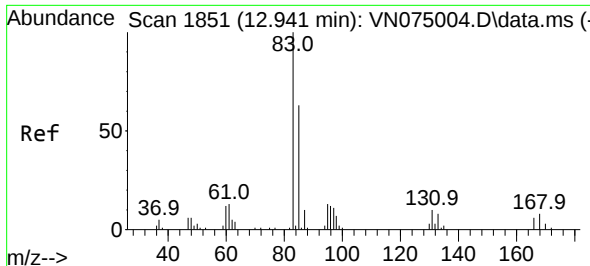


#70
Isopropylbenzene
Concen: 19.944 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00



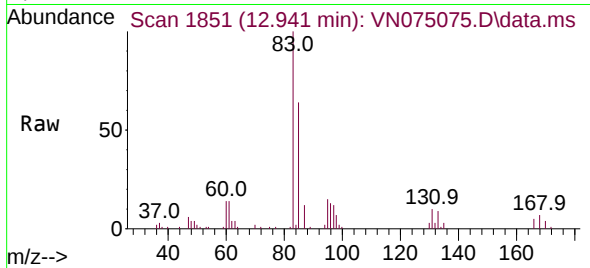
Tgt Ion:105 Resp: 117334
Ion Ratio Lower Upper
105 100
120 25.0 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.910 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

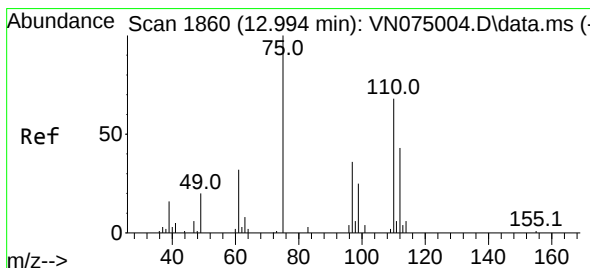
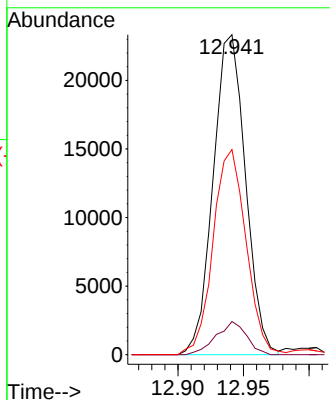
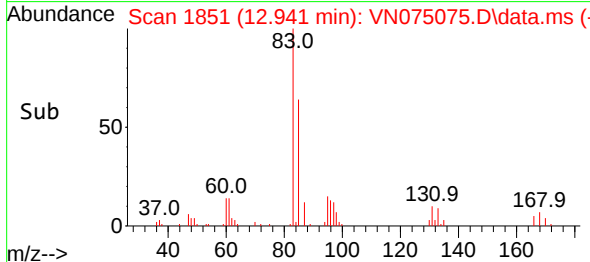
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 4007
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 65.2 33.1 99.2

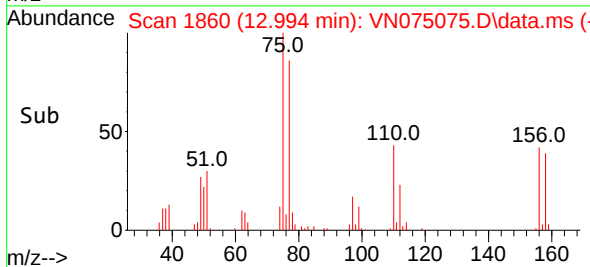
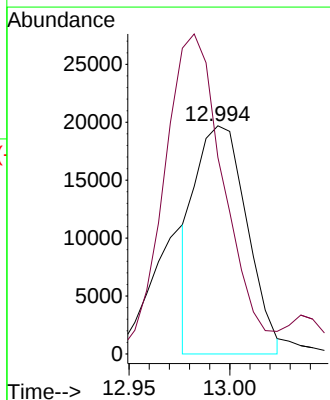
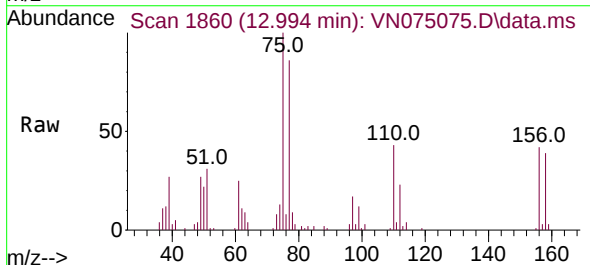
Manual Integrations
APPROVED

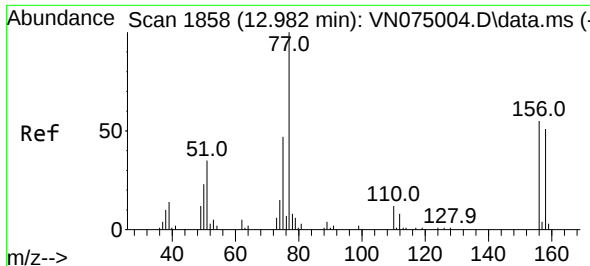
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#72
1,2,3-Trichloropropane
Concen: 20.148 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

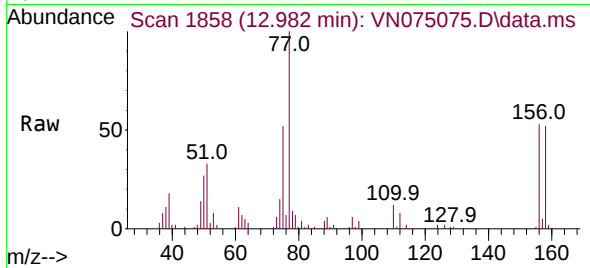
Tgt Ion: 75 Resp: 35061
Ion Ratio Lower Upper
75 100
77 163.9 0.0 378.0





#73
Bromobenzene
Concen: 19.450 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

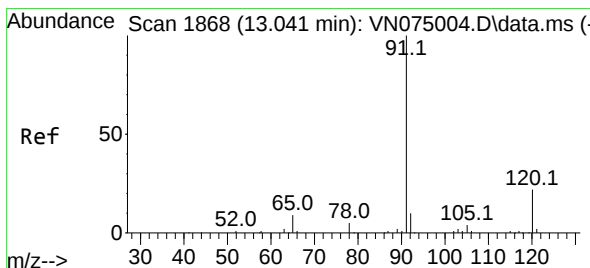
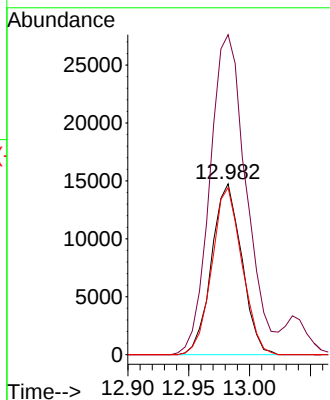
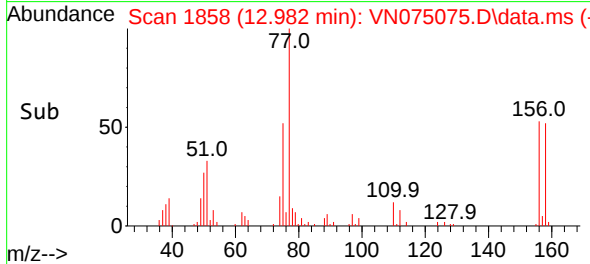
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



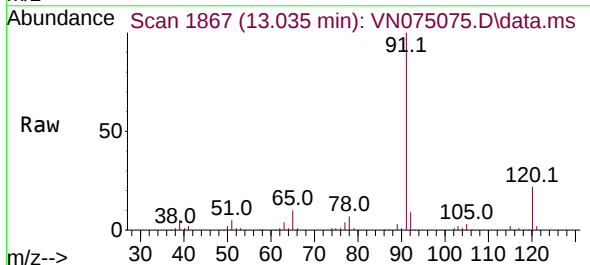
Tgt Ion:156 Resp: 25470
Ion Ratio Lower Upper
156 100
77 225.6 0.0 416.0
158 97.2 0.0 195.4

Manual Integrations
APPROVED

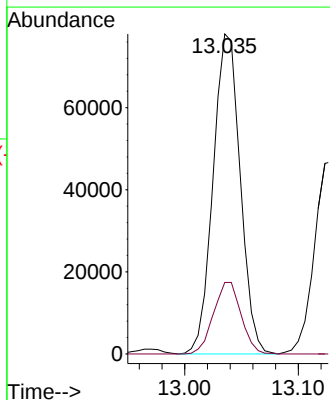
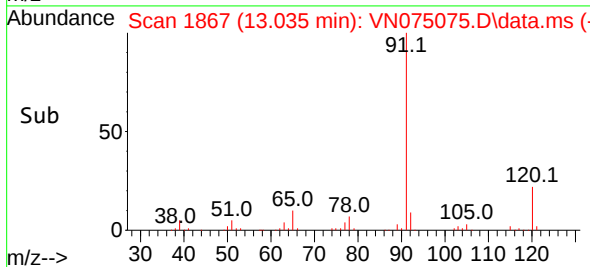
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

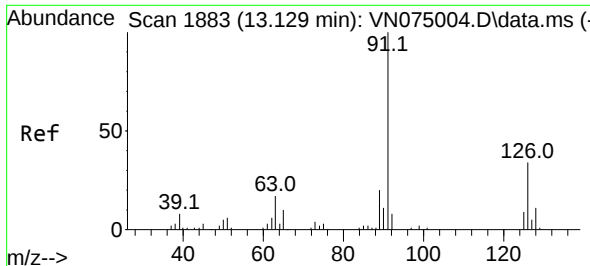


#74
n-propylbenzene
Concen: 19.643 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00



Tgt Ion: 91 Resp: 129411
Ion Ratio Lower Upper
91 100
120 22.7 0.0 45.0





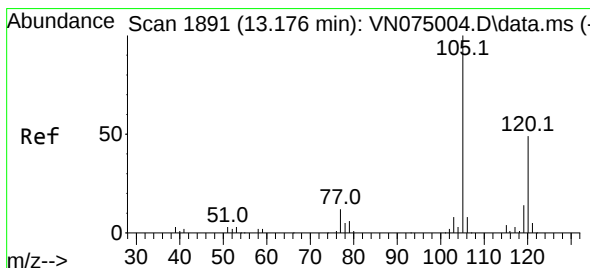
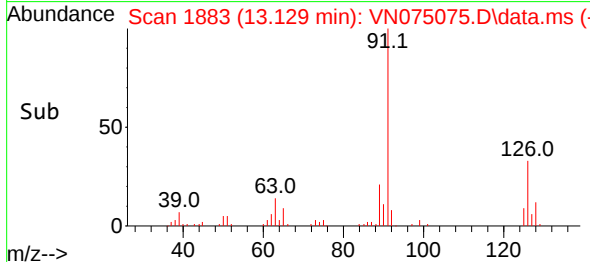
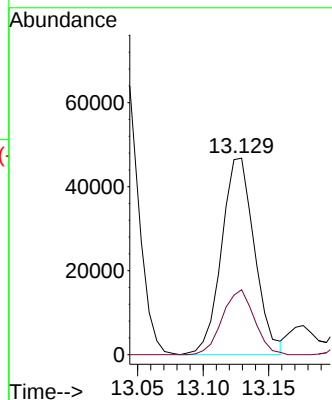
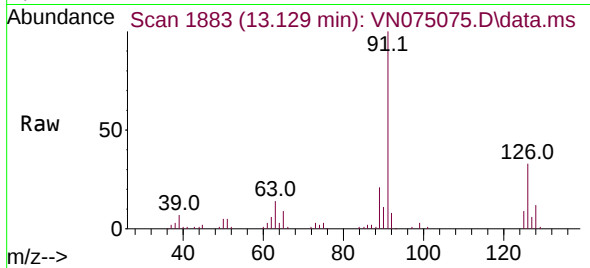
#75
2-Chlorotoluene
Concen: 20.460 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 82032
Ion Ratio Lower Upper
91 100
126 31.9 0.0 69.8

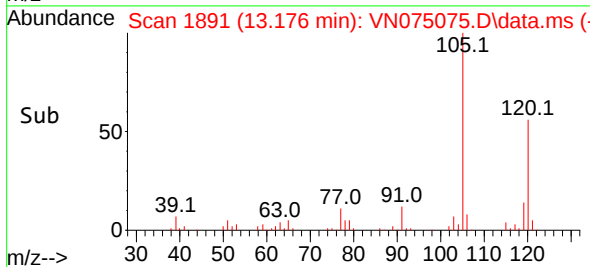
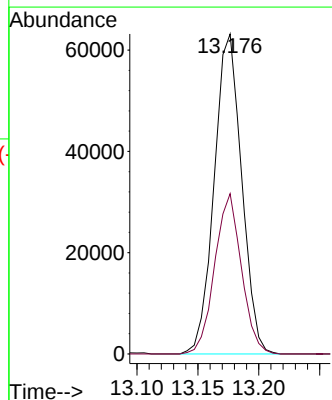
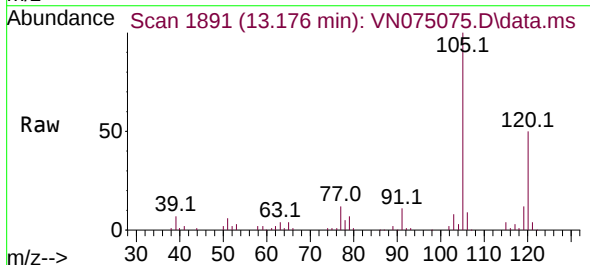
Manual Integrations
APPROVED

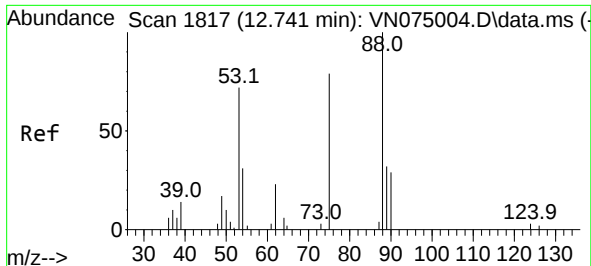
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.865 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

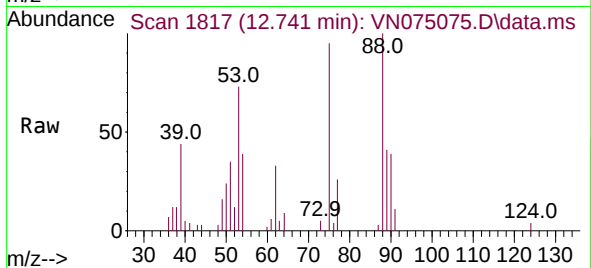
Tgt Ion:105 Resp: 99000
Ion Ratio Lower Upper
105 100
120 48.7 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.429 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

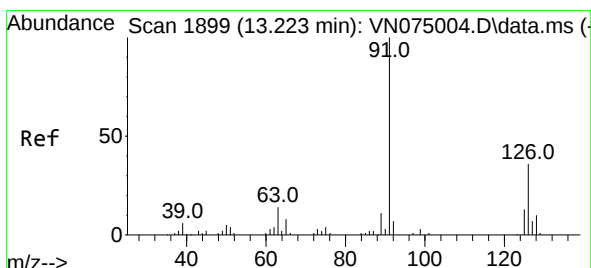
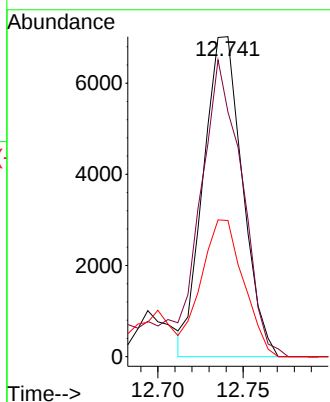
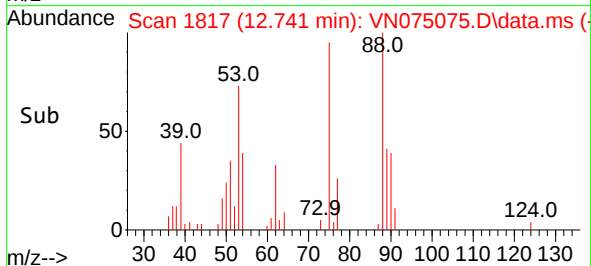
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



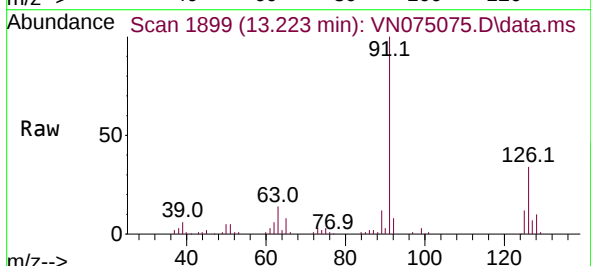
Tgt Ion: 75 Resp: 1120
Ion Ratio Lower Upper
75 100
53 74.0 51.8 155.5
89 42.6 22.9 68.7

Manual Integrations
APPROVED

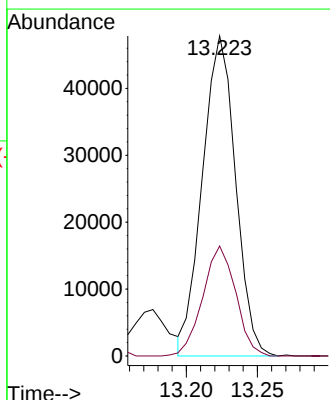
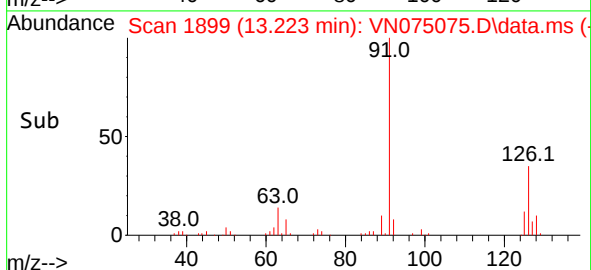
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

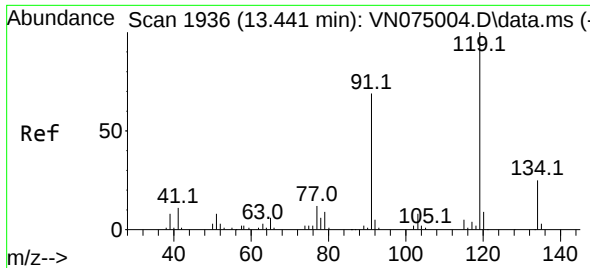


#78
4-Chlorotoluene
Concen: 19.954 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00



Tgt Ion: 91 Resp: 77708
Ion Ratio Lower Upper
91 100
126 34.1 0.0 70.6





#79
tert-butylbenzene
Concen: 19.334 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

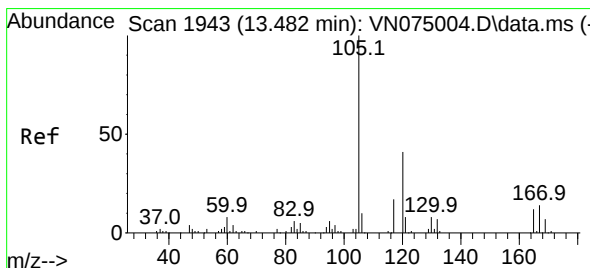
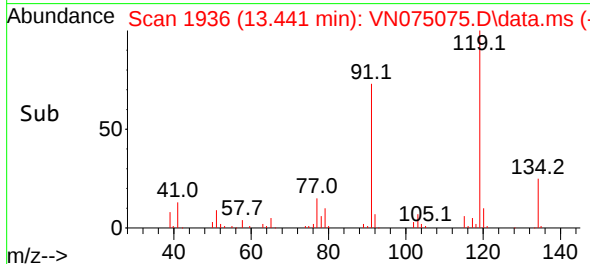
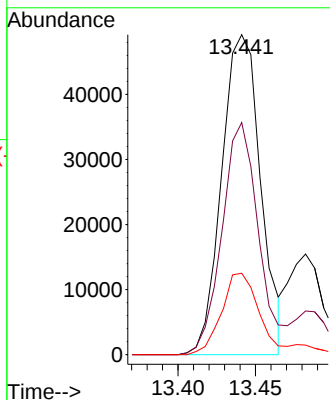
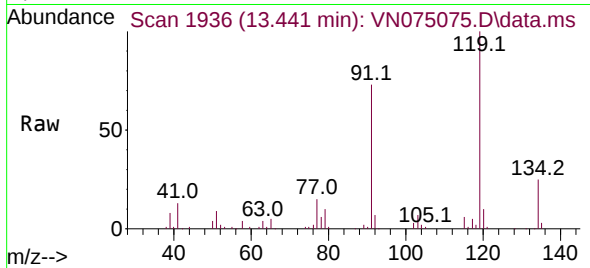
Tgt Ion:119 Resp: 8603
Ion Ratio Lower Upper
119 100
91 68.8 0.0 137.0
134 24.5 0.0 47.6

Manual Integrations

APPROVED

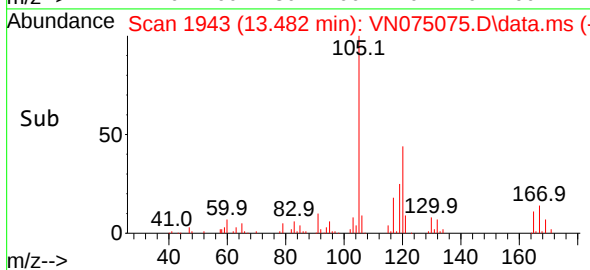
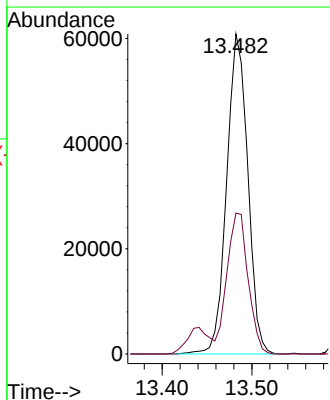
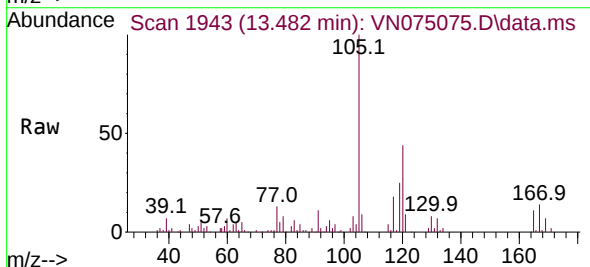
Reviewed By :John Carlone 10/31/2022

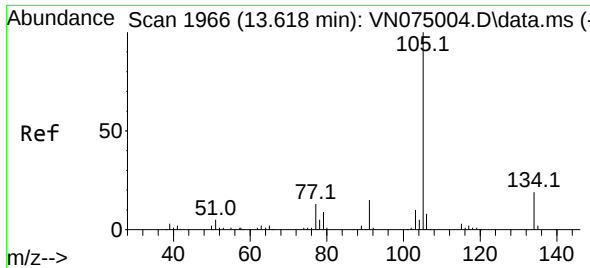
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,2,4-Trimethylbenzene
Concen: 19.601 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

Tgt Ion:105 Resp: 99370
Ion Ratio Lower Upper
105 100
120 44.0 0.0 0.2#





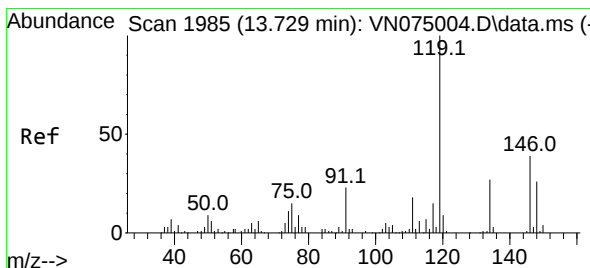
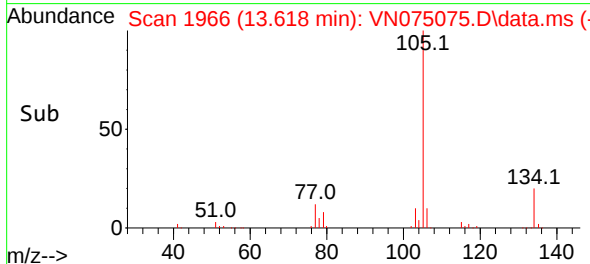
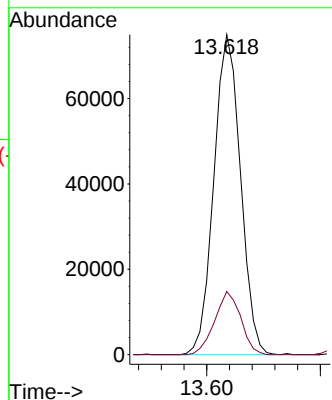
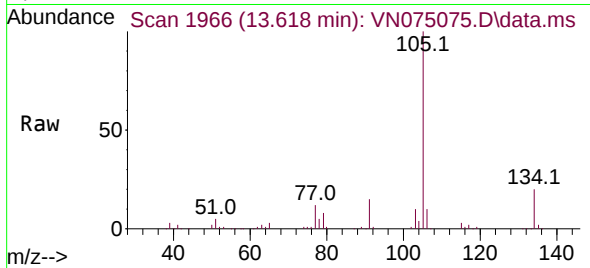
#81
 sec-Butylbenzene
 Concen: 19.510 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075075.D
 Acq: 28 Oct 2022 21:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 12205
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.4

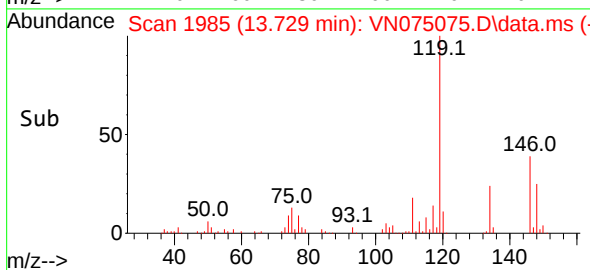
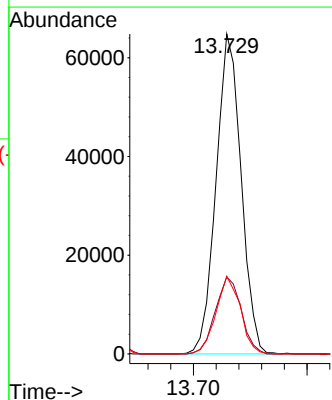
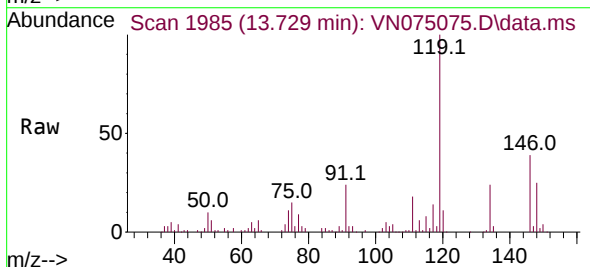
Manual Integrations
 APPROVED

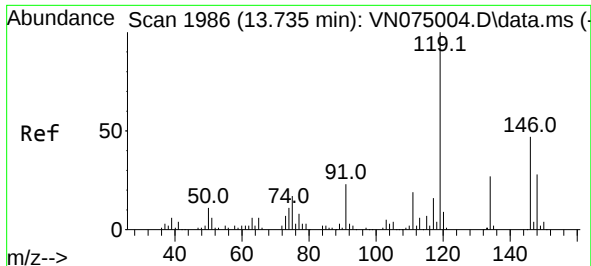
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#82
 p-Isopropyltoluene
 Concen: 18.816 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075075.D
 Acq: 28 Oct 2022 21:00

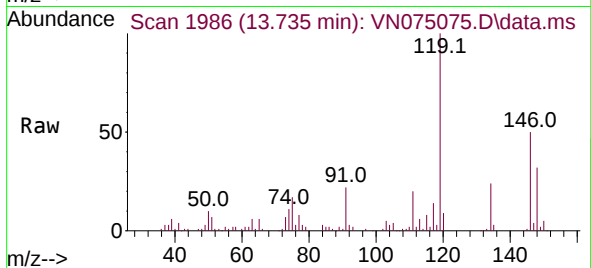
Tgt Ion:119 Resp: 99300
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 51.8
 91 23.7 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 18.400 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

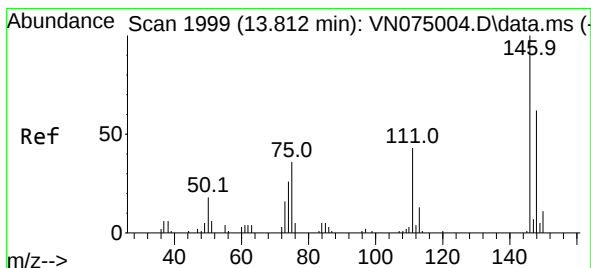
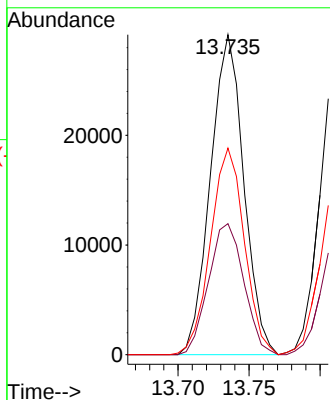
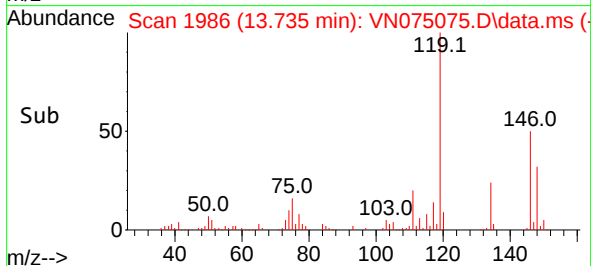
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



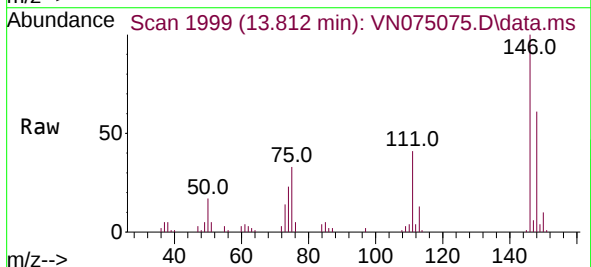
Tgt Ion:146 Resp: 47649
Ion Ratio Lower Upper
146 100
111 43.3 20.8 62.2
148 65.6 31.4 94.3

Manual Integrations
APPROVED

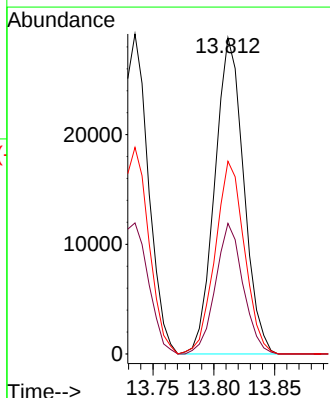
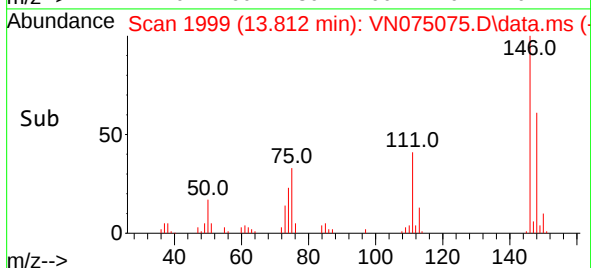
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

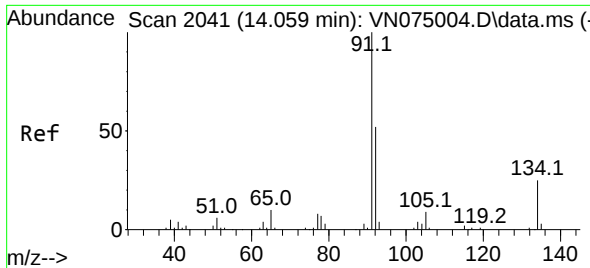


#84
1,4-Dichlorobenzene
Concen: 19.077 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00



Tgt Ion:146 Resp: 47660
Ion Ratio Lower Upper
146 100
111 39.4 19.5 58.5
148 61.7 31.1 93.5





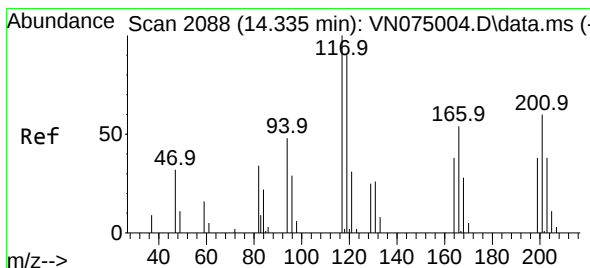
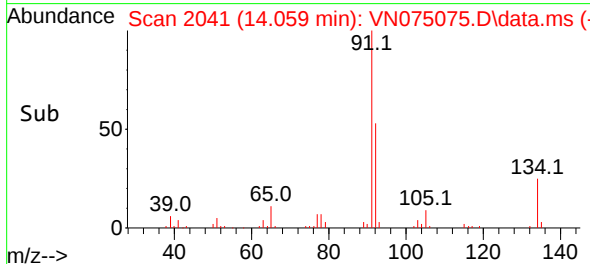
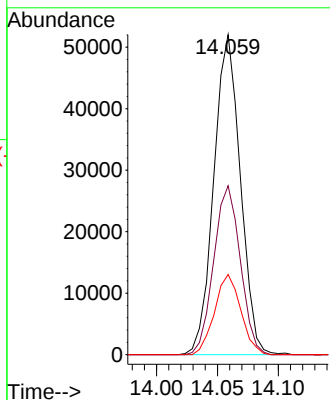
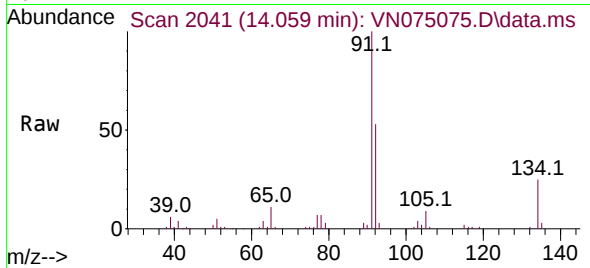
#85
n-Butylbenzene
Concen: 18.647 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 78930
Ion Ratio Lower Upper
91 100
92 52.9 0.0 100.6
134 24.8 0.0 50.2

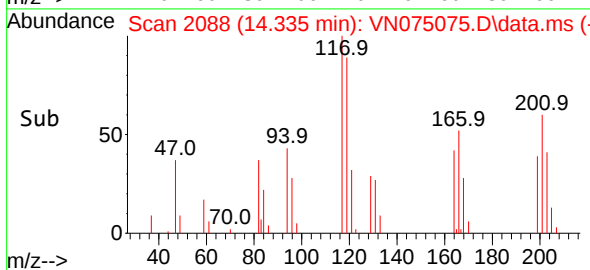
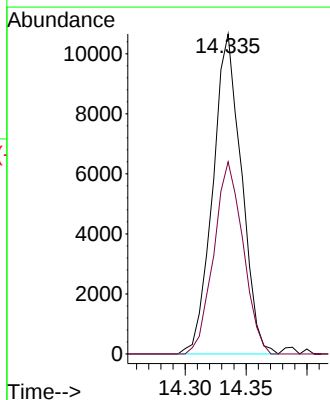
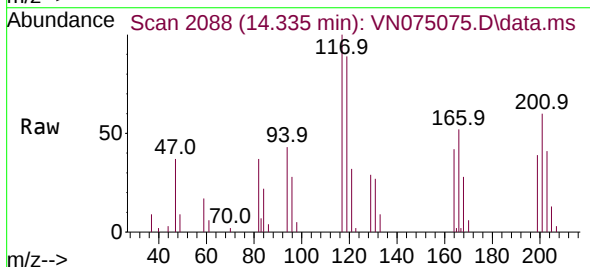
Manual Integrations
APPROVED

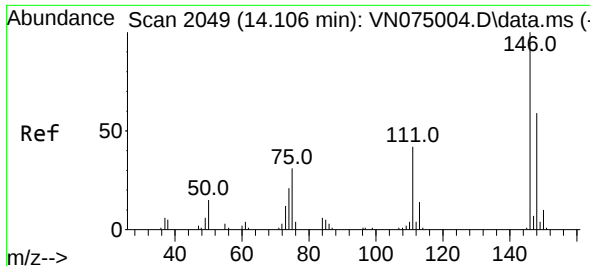
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#86
Hexachloroethane
Concen: 17.803 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

Tgt Ion:117 Resp: 17411
Ion Ratio Lower Upper
117 100
201 61.4 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 19.190 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. 0.000 min

Lab File: VN075075.D

Acq: 28 Oct 2022 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

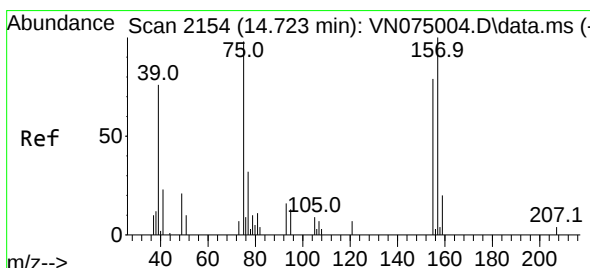
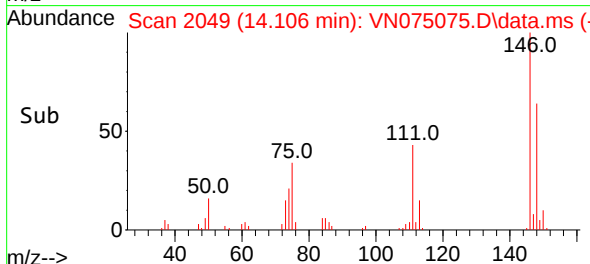
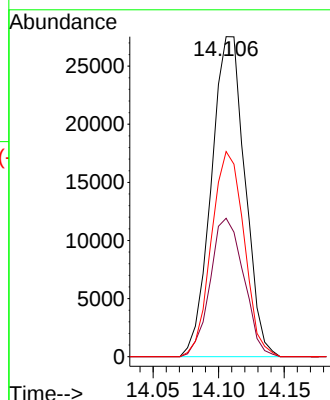
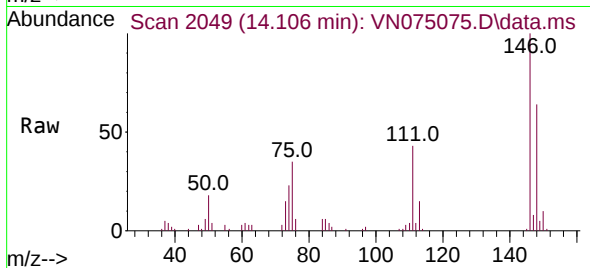
Tgt Ion:146	Resp:	49154
Ion Ratio	Lower	Upper
146	100	
111	43.1	21.4 64.2
148	62.2	32.5 97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.252 ug/l

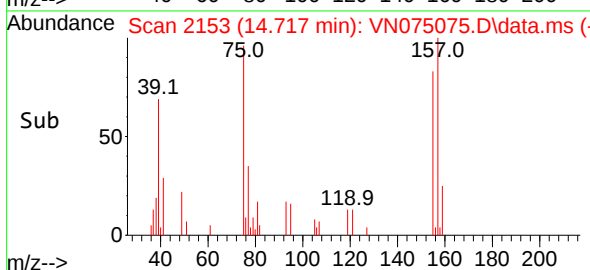
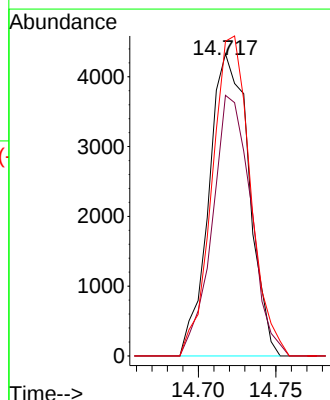
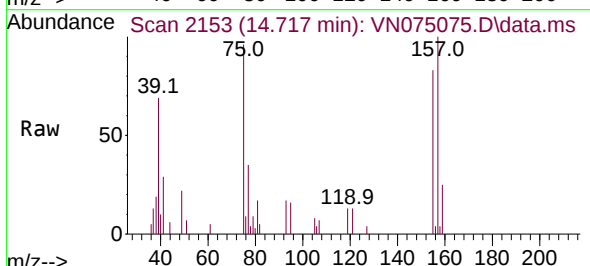
RT: 14.717 min Scan# 2153

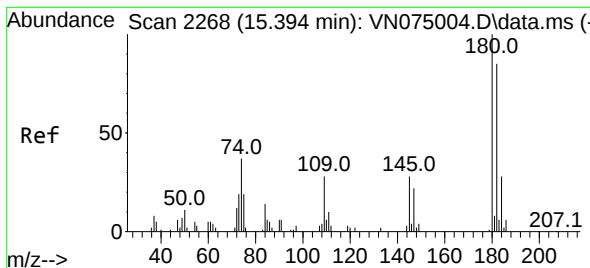
Delta R.T. -0.006 min

Lab File: VN075075.D

Acq: 28 Oct 2022 21:00

Tgt Ion: 75	Resp:	7755
Ion Ratio	Lower	Upper
75	100	
155	83.1	63.8 95.8
157	101.4	77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 18.718 ug/l

RT: 15.394 min Scan# 2117

Delta R.T. 0.000 min

Lab File: VN075075.D

Acq: 28 Oct 2022 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

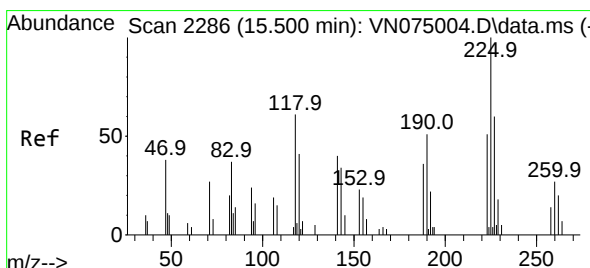
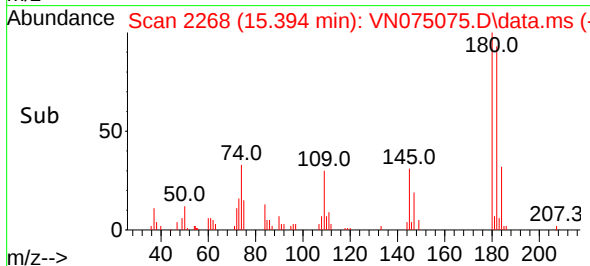
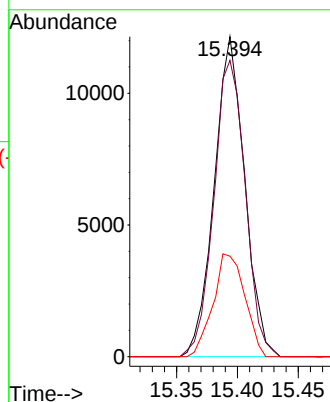
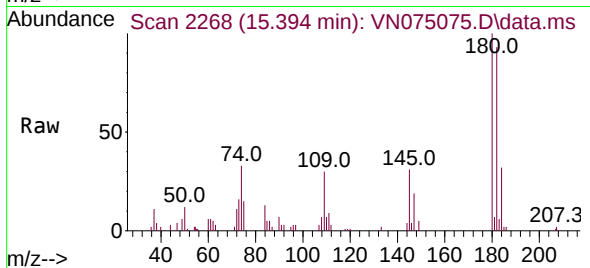
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.7	116.5
145	33.4	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#90

Hexachlorobutadiene

Concen: 19.422 ug/l

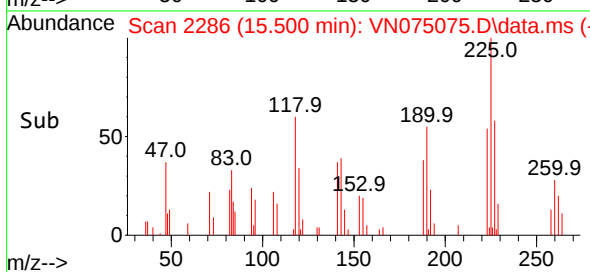
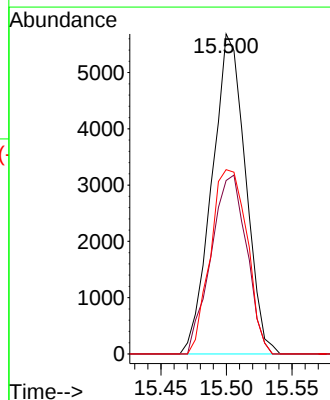
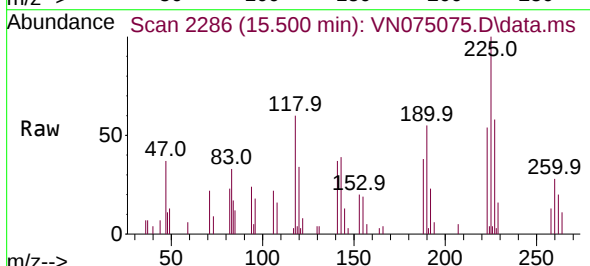
RT: 15.500 min Scan# 2286

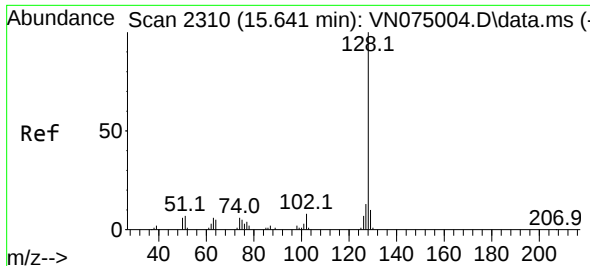
Delta R.T. 0.000 min

Lab File: VN075075.D

Acq: 28 Oct 2022 21:00

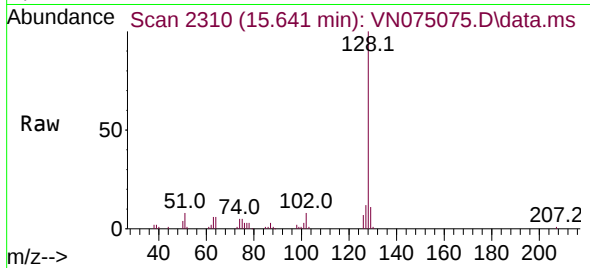
Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.3	0.0	126.8
227	62.8	0.0	123.0





#91
Naphthalene
Concen: 18.604 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00

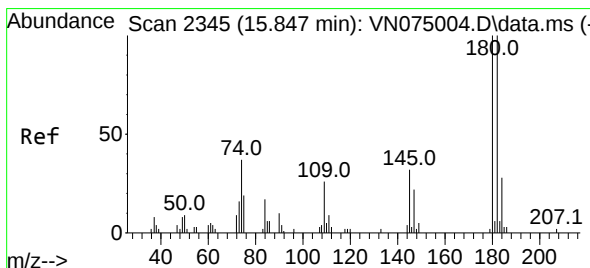
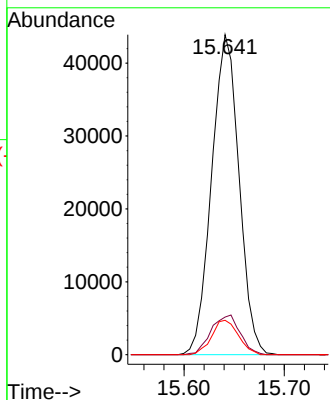
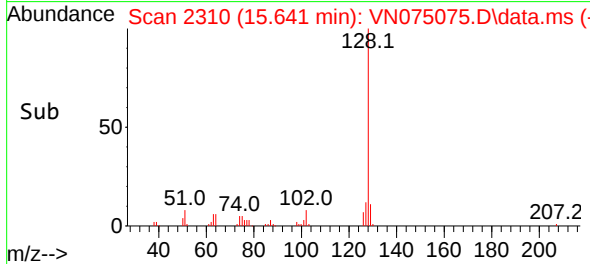
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



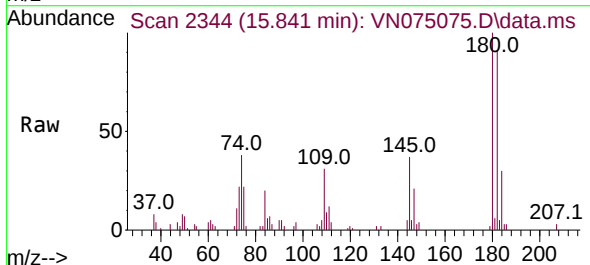
Tgt Ion:128 Resp: 83419
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.5 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.845 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.006 min
Lab File: VN075075.D
Acq: 28 Oct 2022 21:00



Tgt Ion:180 Resp: 21583
Ion Ratio Lower Upper
180 100
182 96.8 0.0 190.0
145 34.3 0.0 67.8

