

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033450.D
 Acq On : 16 Dec 2022 10:17
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/19/2022
 Supervised By : Mahesh Dadoda 12/19/2022

Quant Time: Dec 17 07:40:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 12 12:37:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	12908	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	88482	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	98996	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	35148	31.004	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.333%	
60) 4-Bromofluorobenzene	11.079	95	55035	30.016	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.067%	
63) Toluene-d8	8.647	98	99113	30.097	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.333%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	19222	20.390	ug/l	93
3) Chloromethane	1.294	50	19015	19.989	ug/l	100
4) Vinyl Chloride	1.374	62	21497	18.834	ug/l	100
5) Bromomethane	1.617	94	17294	20.720	ug/l	95
6) Chloroethane	1.691	64	17529	20.772	ug/l	99
7) Trichlorofluoromethane	1.886	101	33825	14.536	ug/l	98
8) Diethyl Ether	2.130	74	11651	16.033	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	19103	16.169	ug/l	99
10) 1,1-Dichloroethene	2.319	96	17521	15.751	ug/l	94
11) Methyl Iodide	2.453	142	19330	15.300	ug/l	95
12) Methyl Acetate	2.703	43	34819	22.197	ug/l	98
13) Acrolein	2.239	56	28988	116.810	ug/l	98
14) Acrylonitrile	3.062	53	59772	104.829	ug/l	97
15) Acetone	2.386	58	15308	78.105	ug/l	88
16) Carbon Disulfide	2.514	76	41915	13.987	ug/l	96
17) Allyl chloride	2.666	41	34962	19.148	ug/l	98
18) Methylene Chloride	2.788	84	25589	19.820	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	25328	19.545	ug/l	97
20) Diisopropyl ether	3.757	45	79932	20.803	ug/l	95
21) 1,1-Dichloroethane	3.611	63	46260	20.412	ug/l	96
22) cis-1,2-Dichloroethene	4.483	96	30706	20.413	ug/l	97
23) tert-Butyl Alcohol	2.995	59	23301m	95.765	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	83288	20.692	ug/l	98
25) Chloroform	5.092	83	52546	20.375	ug/l	95
26) Cyclohexane	5.470	56	39670	20.013	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	36489	20.404	ug/l	100
30) 2-Butanone	4.556	43	88802	106.227	ug/l	99
31) 2,2-Dichloropropane	4.471	77	36496	19.419	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	46929	20.329	ug/l	99
33) Carbon Tetrachloride	5.678	117	41499	19.659	ug/l	98
34) Benzene	6.037	78	106087	20.701	ug/l	99
35) Methacrylonitrile	4.916	41	19113	22.310	ug/l	98
36) 1,2-Dichloroethane	6.086	62	42341	21.494	ug/l	100
37) Trichloroethene	7.123	130	29990	20.609	ug/l	96
38) Methylcyclohexane	7.379	83	43616	20.698	ug/l	99
39) 1,2-Dichloropropane	7.427	63	27402	21.443	ug/l	99
40) Dibromomethane	7.580	93	20905	21.380	ug/l	99
41) Bromodichloromethane	7.818	83	39967	19.947	ug/l	98
42) Vinyl Acetate	3.721	43	310572	107.307	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033450.D
 Acq On : 16 Dec 2022 10:17
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

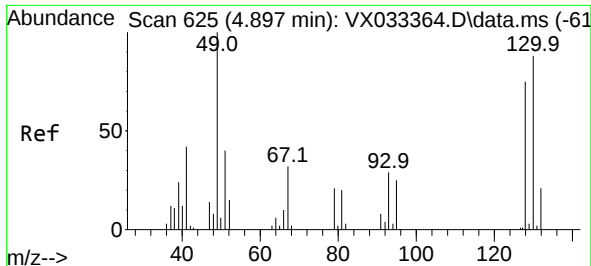
Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/19/2022
 Supervised By : Mahesh Dadoda 12/19/2022

Quant Time: Dec 17 07:40:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 12 12:37:35 2022
 Response via : Initial Calibration

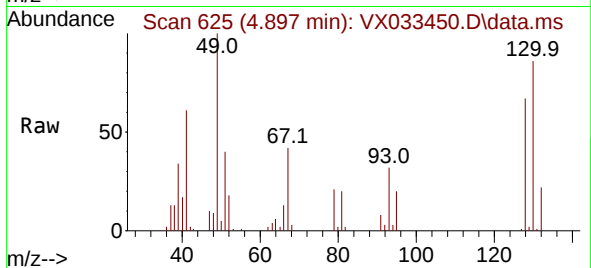
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	32716	21.766	ug/l	99
44) Isopropyl Acetate	6.336	43	53453	20.949	ug/l	99
45) 1,4-Dioxane	7.696	88	12720	425.613	ug/l #	91
46) Methyl methacrylate	7.690	41	27857	21.917	ug/l	99
47) n-amyl Acetate	10.841	43	45802	21.389	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	39598	19.703	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	43993	20.394	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	30088	22.252	ug/l	98
51) Ethyl methacrylate	9.116	69	40815	21.126	ug/l	98
52) 1,3-Dichloropropane	9.305	76	46566	21.090	ug/l	96
53) Dibromochloromethane	9.518	129	32949	20.277	ug/l	100
54) 1,2-Dibromoethane	9.610	107	31422	21.230	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	91537	100.914	ug/l	99
56) Bromoform	10.799	173	22689	19.344	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	174963	109.294	ug/l	100
59) 2-Hexanone	9.427	43	131784	107.654	ug/l	100
61) Tetrachloroethene	9.275	164	26749	20.178	ug/l	100
62) Toluene	8.714	91	122156	20.329	ug/l	99
64) Chlorobenzene	10.079	112	77720	20.446	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	29575	19.702	ug/l	99
66) Ethyl Benzene	10.195	91	138117	20.399	ug/l	100
67) m/p-Xylenes	10.299	106	108900	41.146	ug/l	98
68) o-Xylene	10.640	106	52499	20.358	ug/l	100
69) Styrene	10.652	104	86471	20.185	ug/l	99
70) Isopropylbenzene	10.963	105	139320	20.360	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	43055	21.275	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	39858m	22.116	ug/l	
73) Bromobenzene	11.201	156	34641	20.460	ug/l	99
74) n-propylbenzene	11.305	91	162088	20.671	ug/l	99
75) 2-Chlorotoluene	11.366	91	97883	20.766	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	119233	20.726	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	11160	18.624	ug/l	100
78) 4-Chlorotoluene	11.457	91	112182	20.769	ug/l	99
79) tert-butylbenzene	11.713	119	116910	20.500	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	118342	20.927	ug/l	99
81) sec-Butylbenzene	11.890	105	143681	20.963	ug/l	99
82) p-Isopropyltoluene	12.012	119	121345	20.759	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	65268	20.944	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	65991	21.039	ug/l	99
85) n-Butylbenzene	12.335	91	100081	20.512	ug/l	99
86) Hexachloroethane	12.536	117	19144	18.453	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	63454	20.665	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	8694	19.718	ug/l	95
89) 1,2,4-Trichlorobenzene	13.591	180	39619	20.887	ug/l	96
90) Hexachlorobutadiene	13.725	225	17470	21.705	ug/l	98
91) Naphthalene	13.774	128	127717	20.804	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	39397	20.740	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

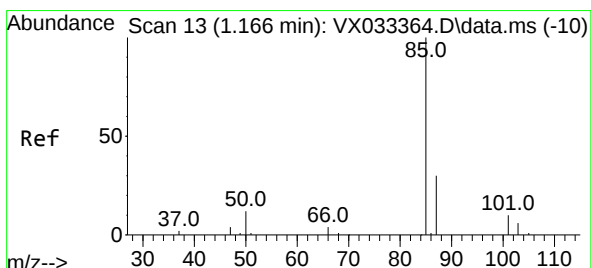
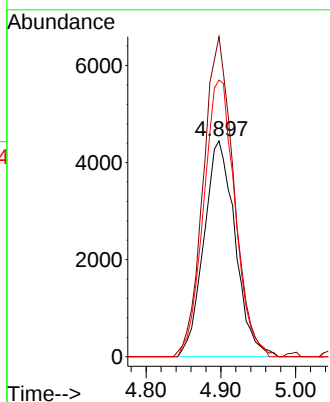
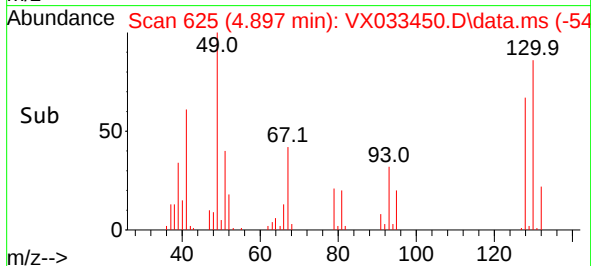
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



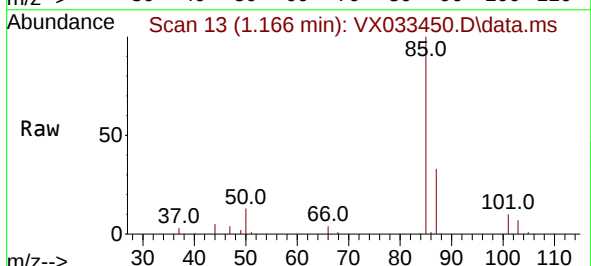
Tgt Ion:128 Resp: 12908
Ion Ratio Lower Upper
128 100
49 144.4 0.0 339.5
130 128.7 0.0 318.0

Manual Integrations
APPROVED

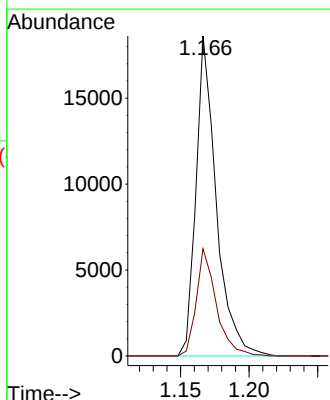
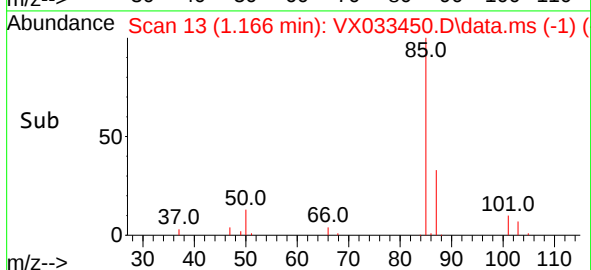
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

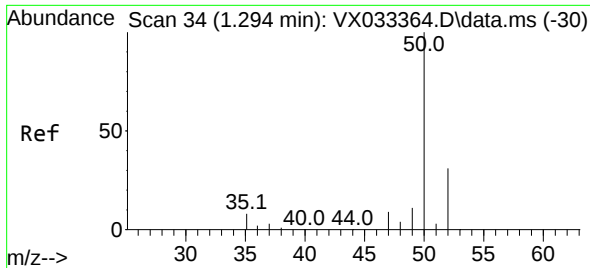


#2
Dichlorodifluoromethane
Concen: 20.390 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17



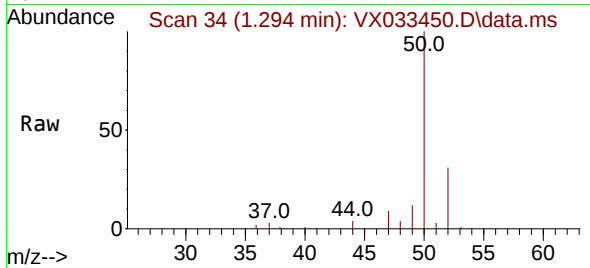
Tgt Ion: 85 Resp: 19222
Ion Ratio Lower Upper
85 100
87 33.5 14.9 44.7





#3
Chloromethane
Concen: 19.989 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

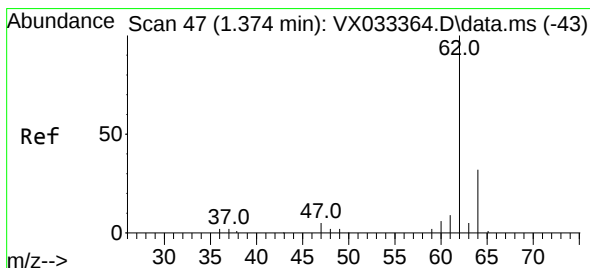
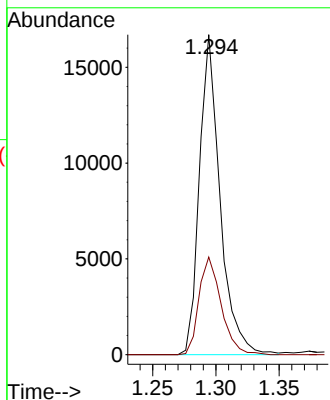
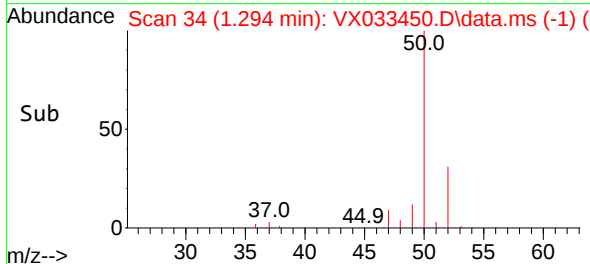
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



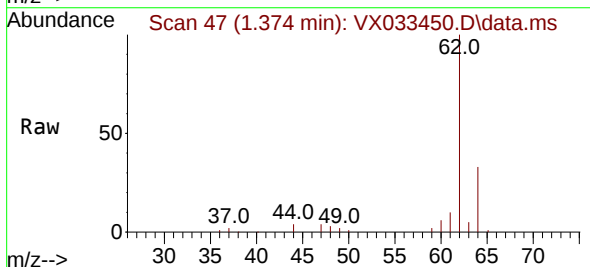
Tgt Ion: 50 Resp: 1901
Ion Ratio Lower Upper
50 100
52 30.5 24.6 36.8

Manual Integrations
APPROVED

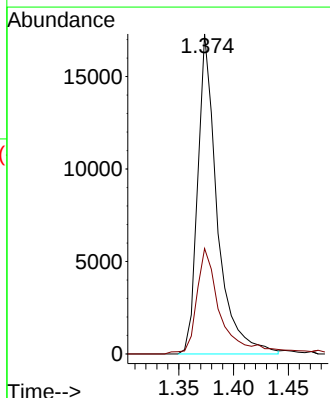
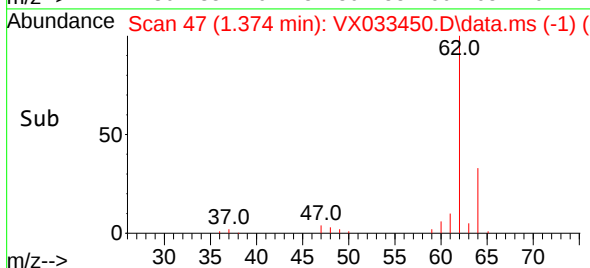
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

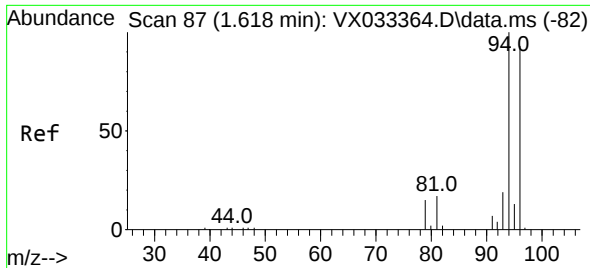


#4
Vinyl Chloride
Concen: 18.834 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17



Tgt Ion: 62 Resp: 21497
Ion Ratio Lower Upper
62 100
64 32.3 25.9 38.9





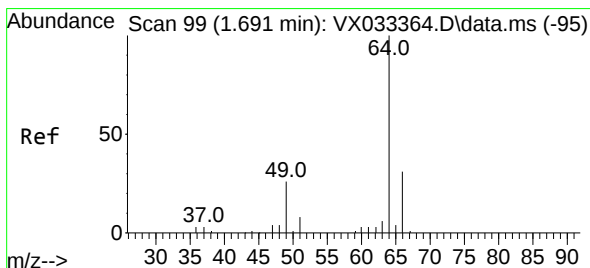
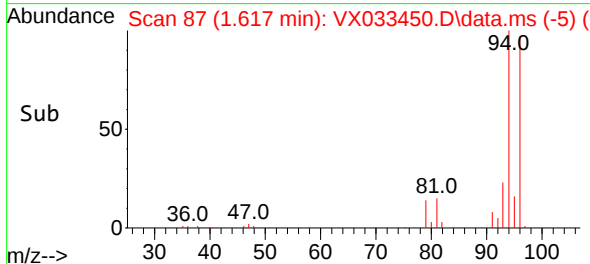
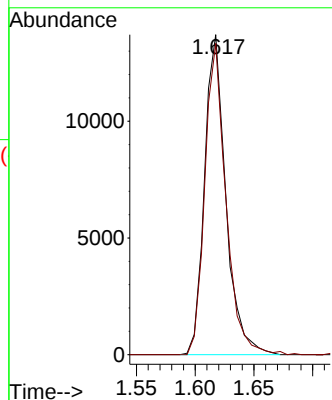
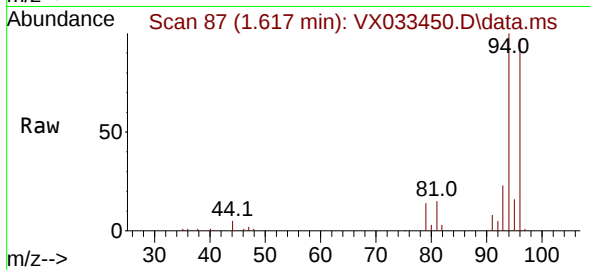
#5
Bromomethane
Concen: 20.720 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 94 Resp: 17294
Ion Ratio Lower Upper
94 100
96 97.2 74.2 111.2

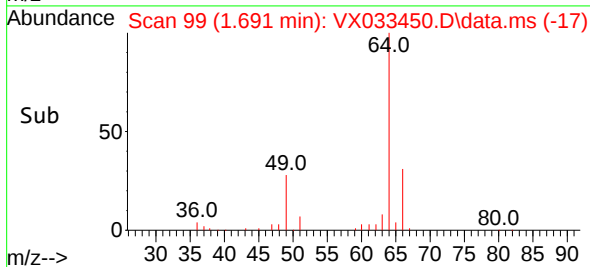
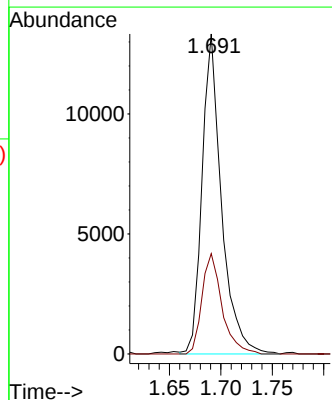
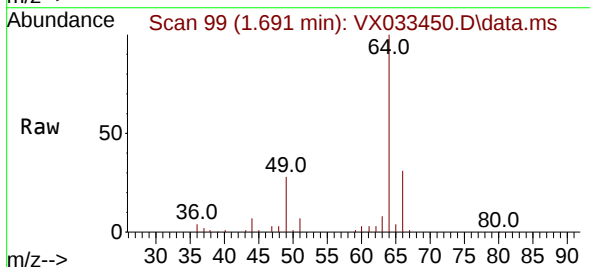
Manual Integrations
APPROVED

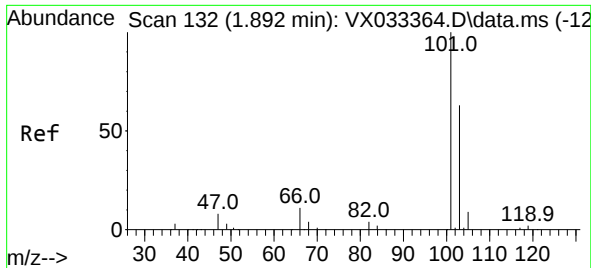
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#6
Chloroethane
Concen: 20.772 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

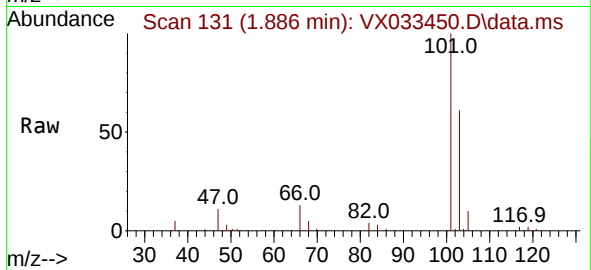
Tgt Ion: 64 Resp: 17529
Ion Ratio Lower Upper
64 100
66 31.3 24.8 37.2





#7
Trichlorofluoromethane
Concen: 14.536 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

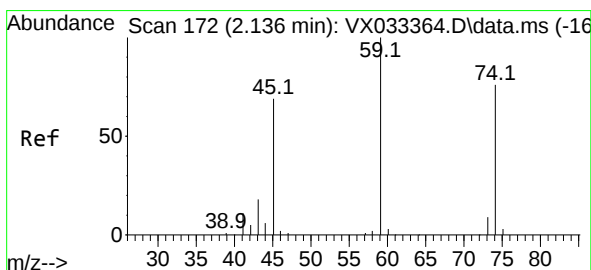
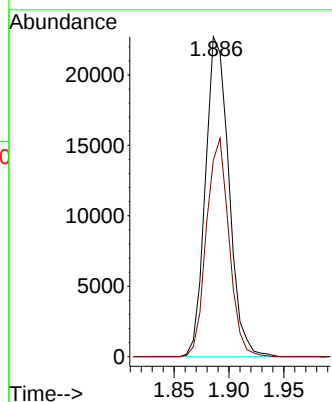
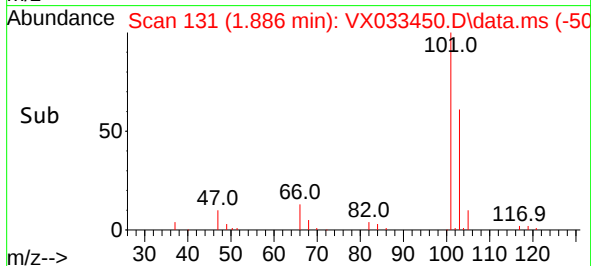
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



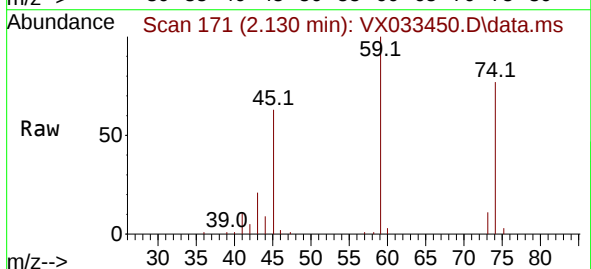
Tgt Ion:101 Resp: 3382
Ion Ratio Lower Upper
101 100
103 61.4 50.3 75.5

Manual Integrations
APPROVED

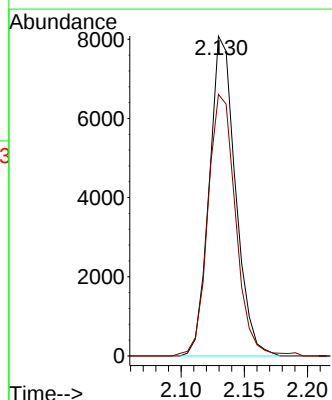
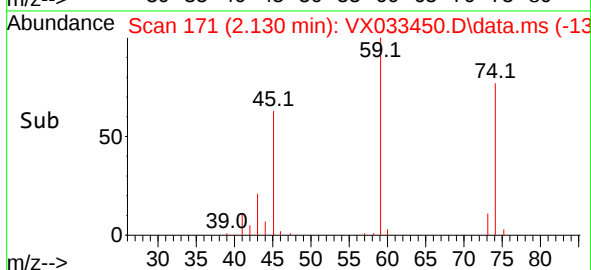
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

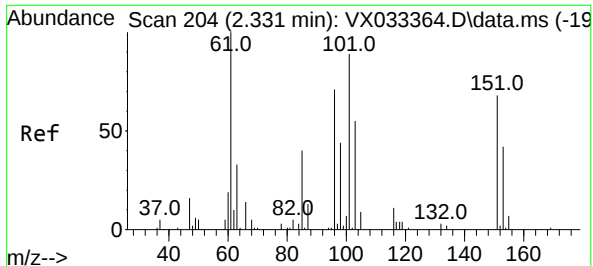


#8
Diethyl Ether
Concen: 16.033 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17



Tgt Ion: 74 Resp: 11651
Ion Ratio Lower Upper
74 100
45 86.1 18.0 161.8





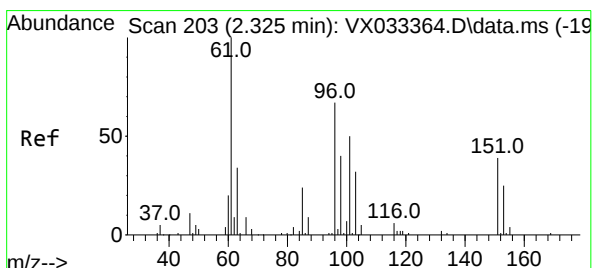
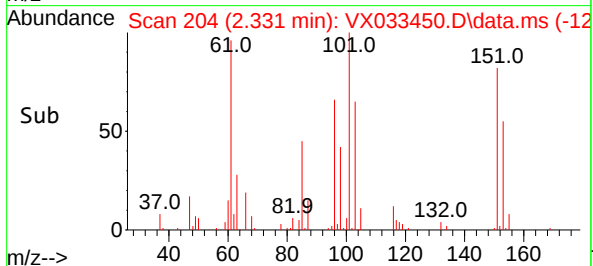
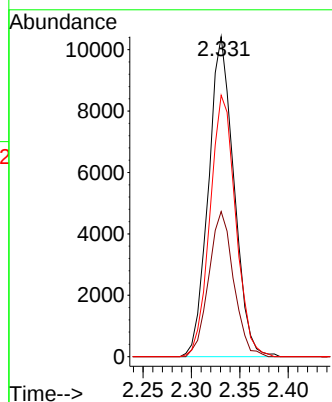
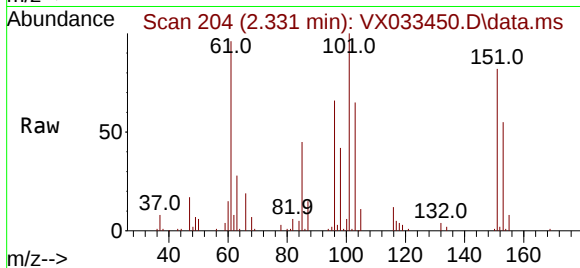
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.169 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 1910
Ion Ratio Lower Upper
101 100
85 44.3 0.0 88.8
151 82.2 0.0 162.2

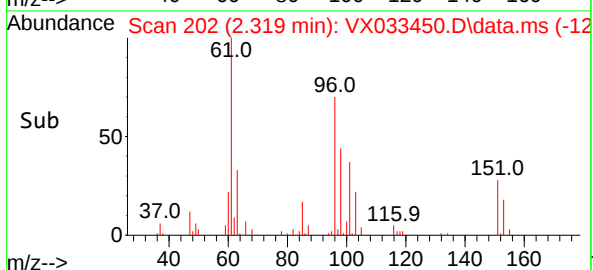
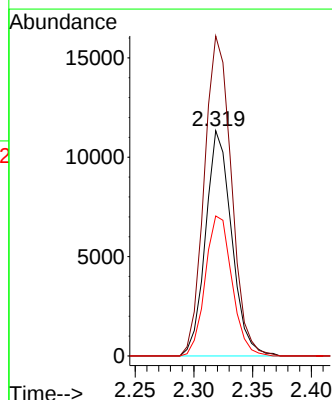
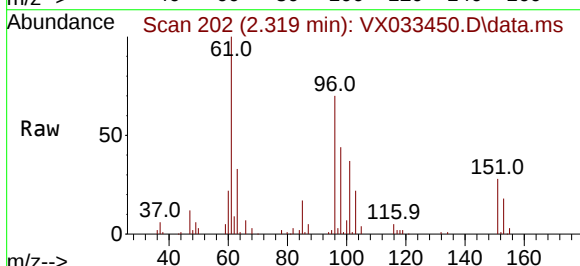
Manual Integrations
APPROVED

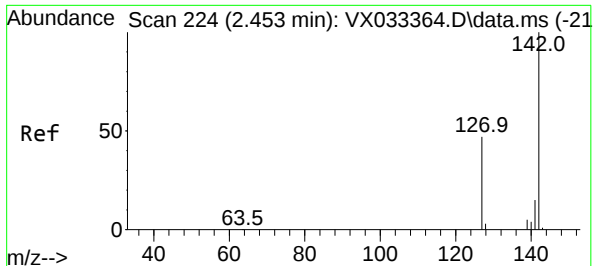
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#10
1,1-Dichloroethene
Concen: 15.751 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Tgt Ion: 96 Resp: 17521
Ion Ratio Lower Upper
96 100
61 142.1 120.5 180.7
98 62.1 47.8 71.6





#11

Methyl Iodide

Concen: 15.300 ug/l

RT: 2.453 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:142 Resp: 19330

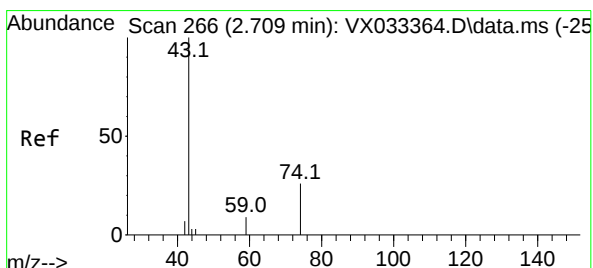
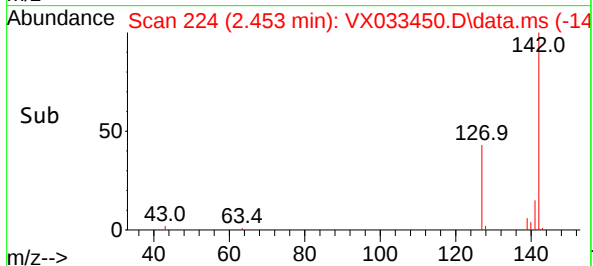
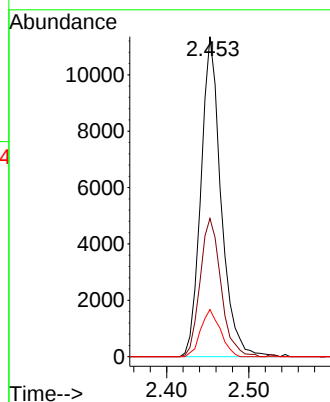
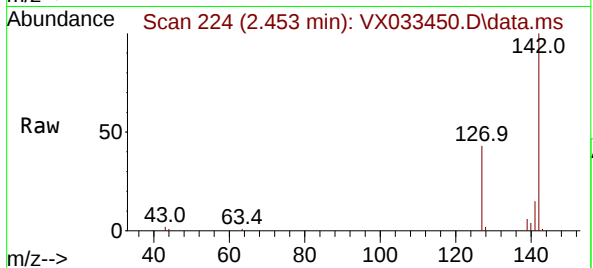
Ion	Ratio	Lower	Upper
142	100		
127	43.2	23.4	70.3
141	14.7	7.8	23.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#12

Methyl Acetate

Concen: 22.197 ug/l

RT: 2.703 min Scan# 265

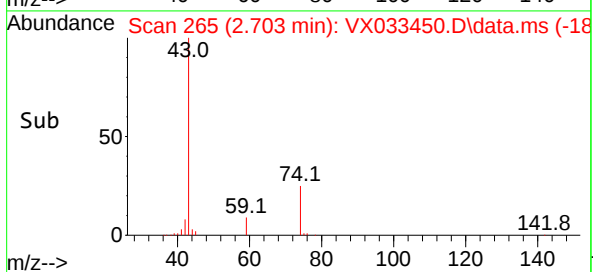
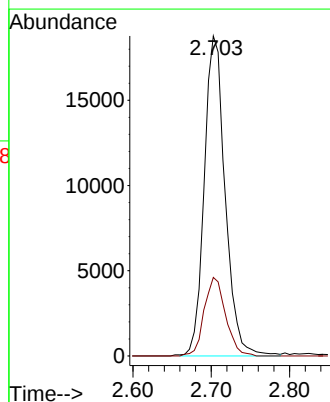
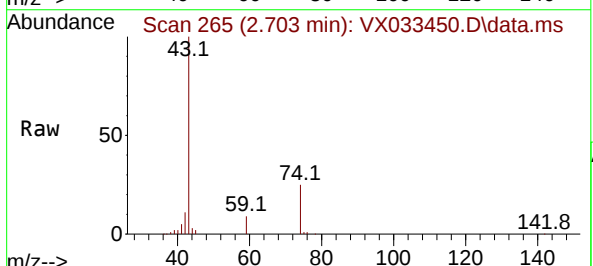
Delta R.T. -0.006 min

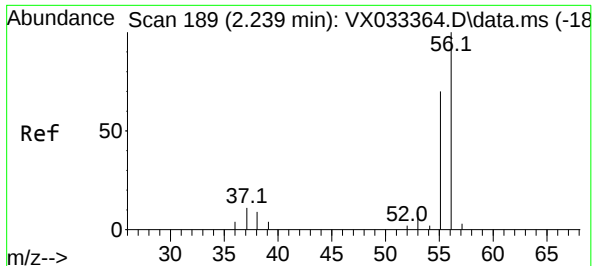
Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

Tgt Ion: 43 Resp: 34819

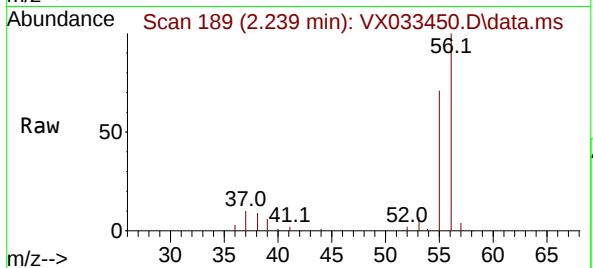
Ion	Ratio	Lower	Upper
43	100		
74	24.6	20.6	31.0





#13
Acrolein
Concen: 116.810 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

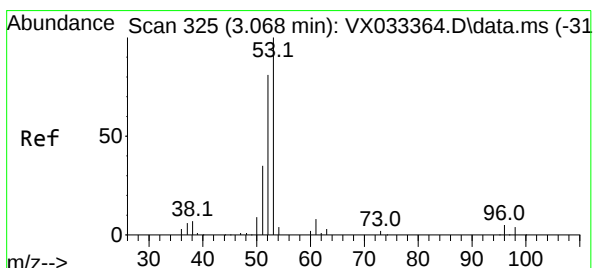
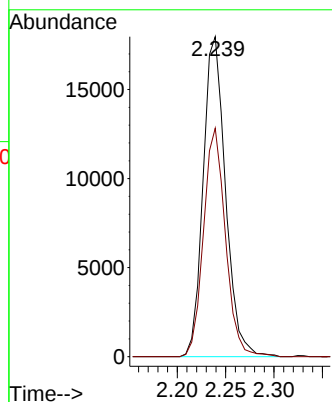
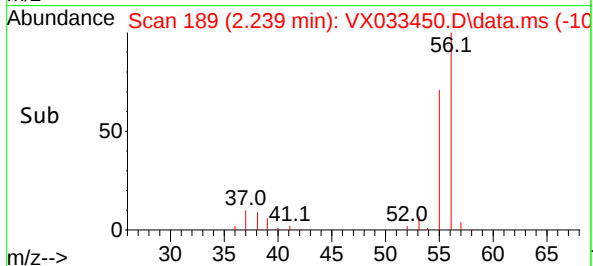
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



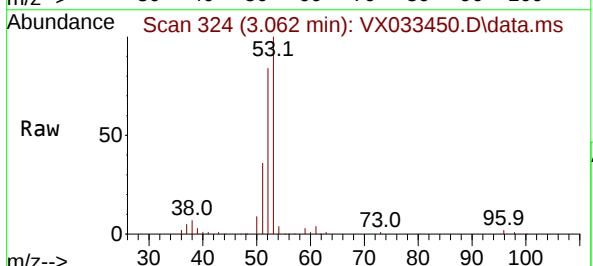
Tgt Ion: 56 Resp: 2898
Ion Ratio Lower Upper
56 100
55 70.0 57.2 85.8

Manual Integrations
APPROVED

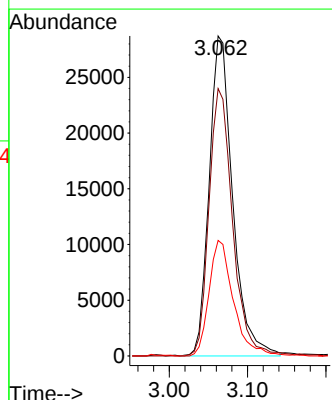
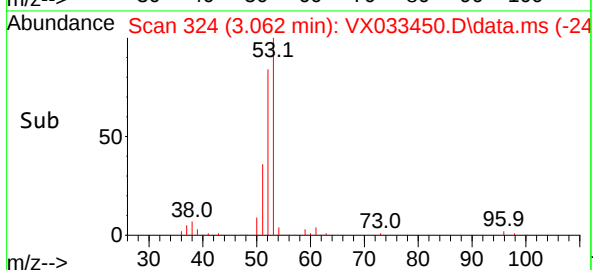
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

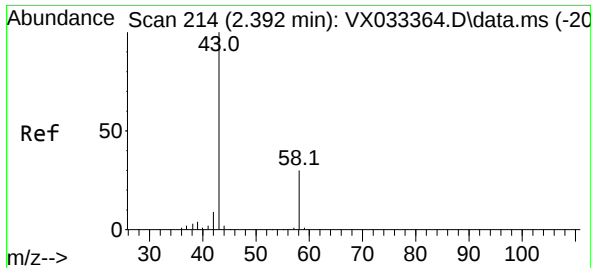


#14
Acrylonitrile
Concen: 104.829 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17



Tgt Ion: 53 Resp: 59772
Ion Ratio Lower Upper
53 100
52 83.5 40.3 120.8
51 37.4 18.4 55.4





#15

Acetone

Concen: 78.105 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 15308

Ion Ratio Lower Upper

58 100

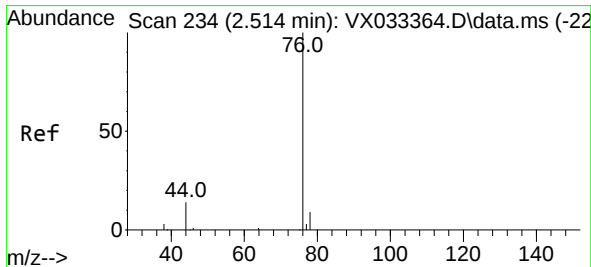
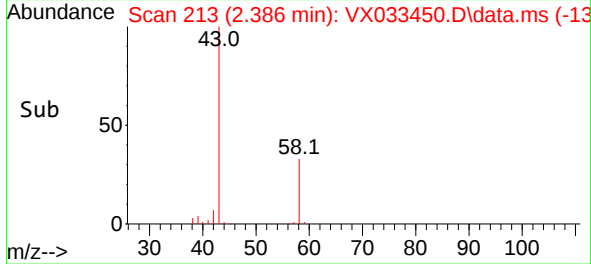
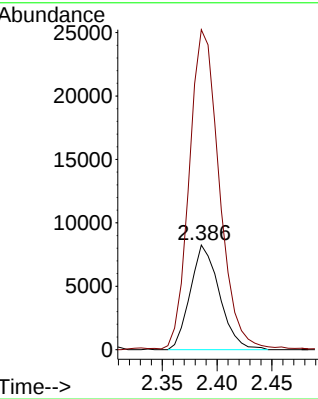
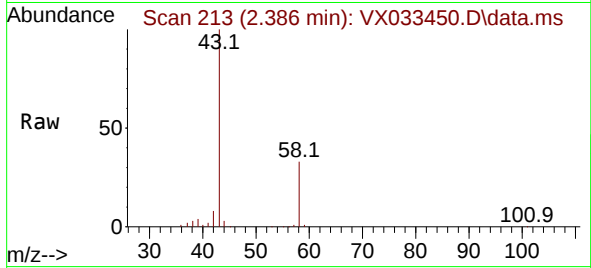
43 303.2 262.9 394.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#16

Carbon Disulfide

Concen: 13.987 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX033450.D

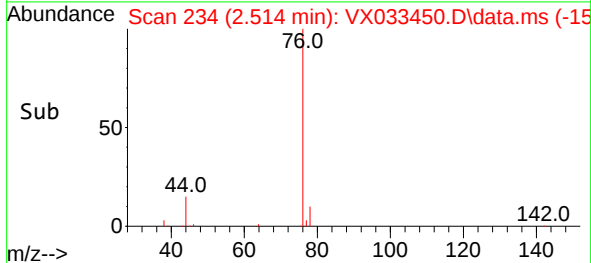
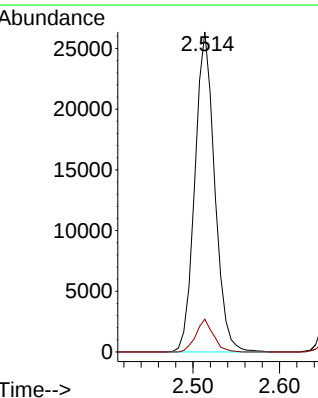
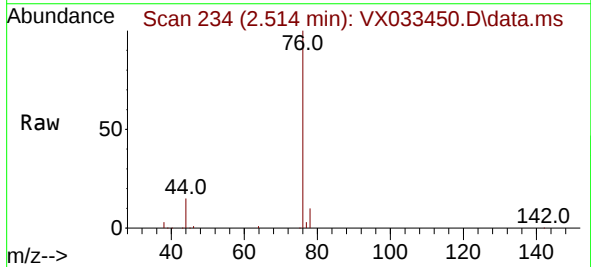
Acq: 16 Dec 2022 10:17

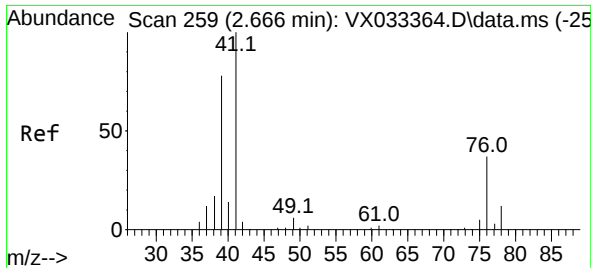
Tgt Ion: 76 Resp: 41915

Ion Ratio Lower Upper

76 100

78 10.2 7.0 10.4





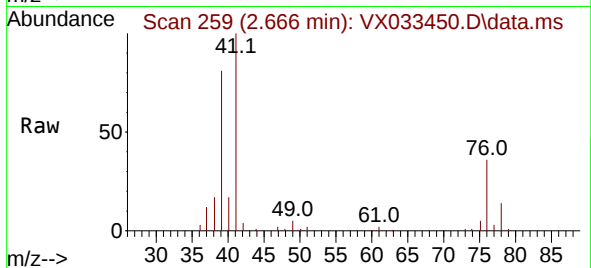
#17
 Allyl chloride
 Concen: 19.148 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX033450.D
 Acq: 16 Dec 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



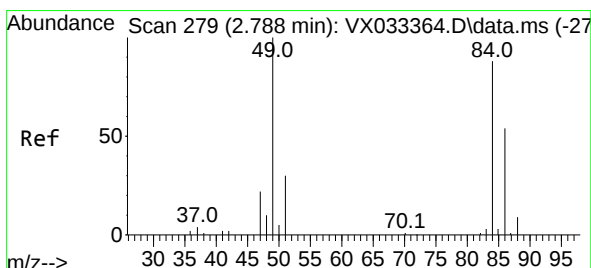
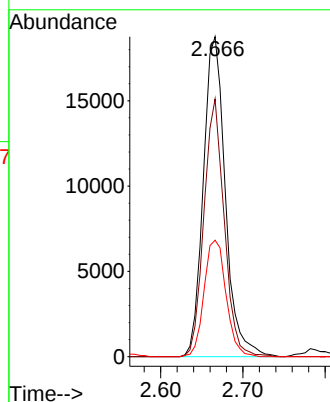
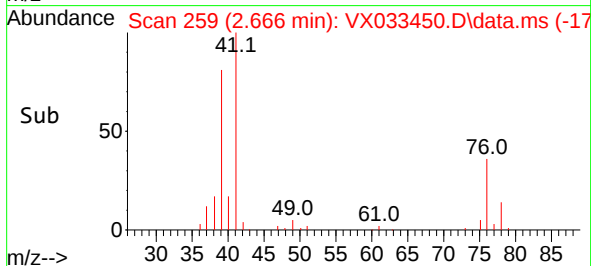
Tgt Ion	Ratio	Lower	Upper
41	100		
39	80.5	39.1	117.2
76	36.4	18.6	55.8

Manual Integrations

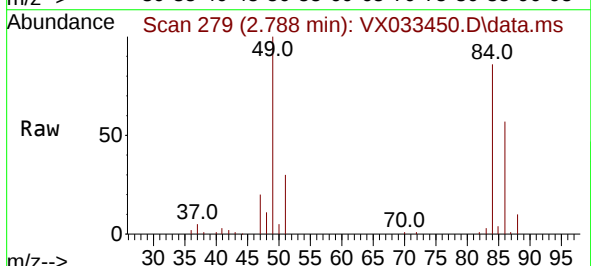
APPROVED

Reviewed By :John Carlone 12/19/2022

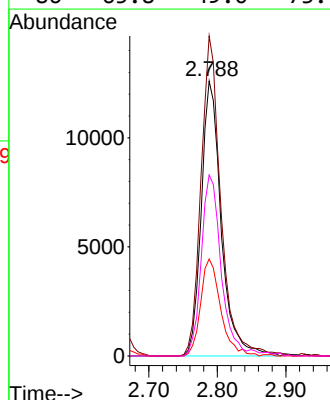
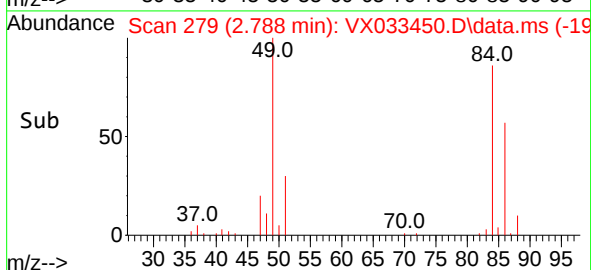
Supervised By :Mahesh Dadoda 12/19/2022

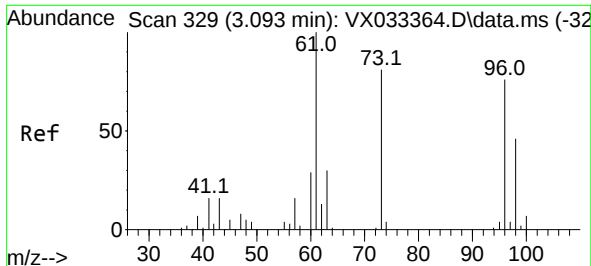


#18
 Methylene Chloride
 Concen: 19.820 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX033450.D
 Acq: 16 Dec 2022 10:17



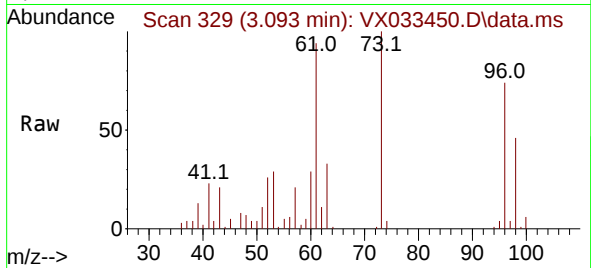
Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.4	91.2	136.8
51	35.3	27.3	40.9
86	65.8	49.0	73.4





#19
trans-1,2-Dichloroethene
Concen: 19.545 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

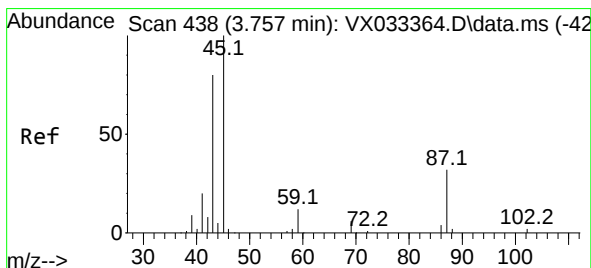
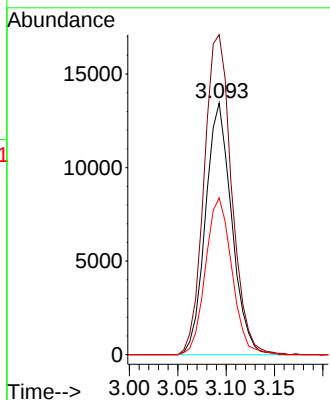
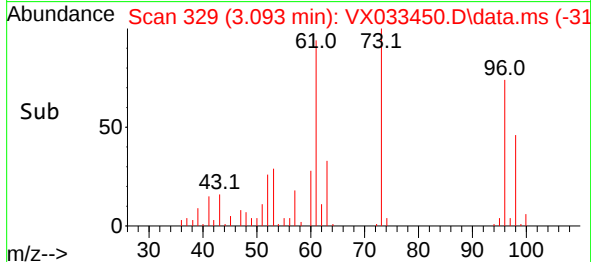
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 25328
Ion Ratio Lower Upper
96 100
61 127.2 105.8 158.8
98 62.3 49.1 73.7

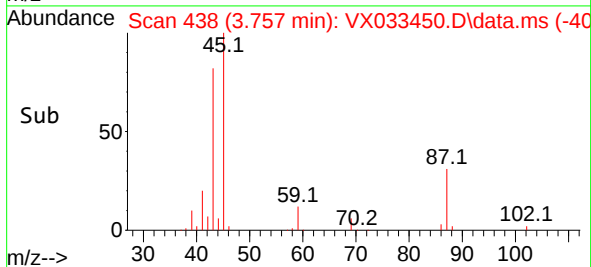
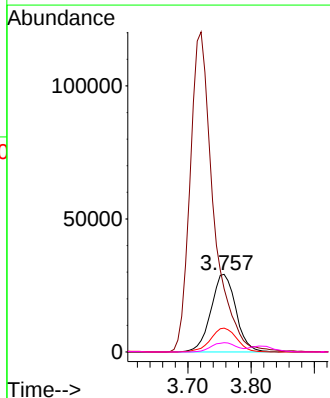
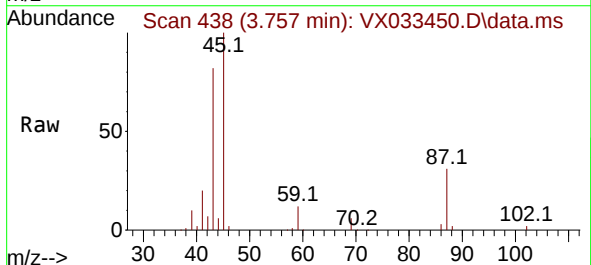
Manual Integrations
APPROVED

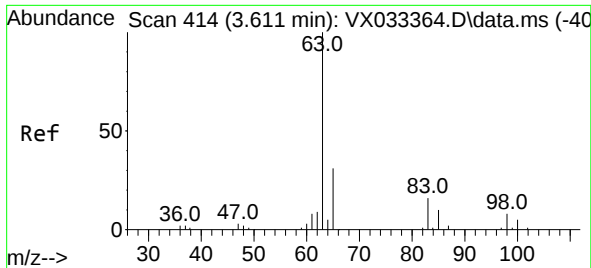
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#20
Diisopropyl ether
Concen: 20.803 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Tgt Ion: 45 Resp: 79932
Ion Ratio Lower Upper
45 100
43 79.4 68.2 102.2
87 30.8 25.5 38.3
59 11.9 9.8 14.6





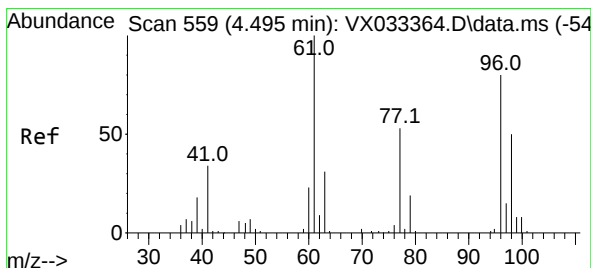
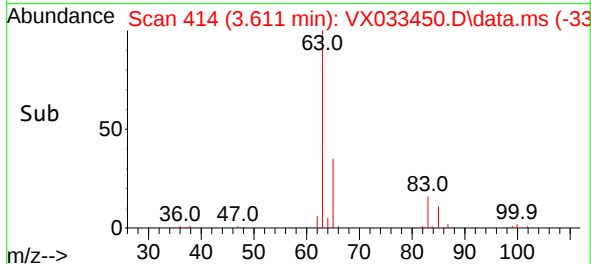
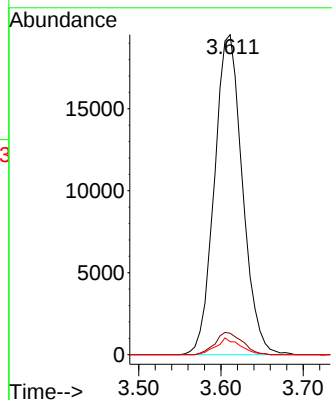
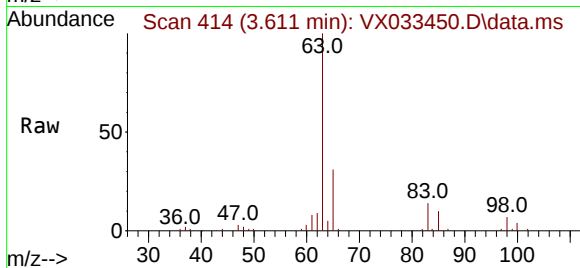
#21
1,1-Dichloroethane
Concen: 20.412 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 46260
Ion Ratio Lower Upper
63 100
98 6.7 4.0 11.9
100 4.1 2.8 8.3

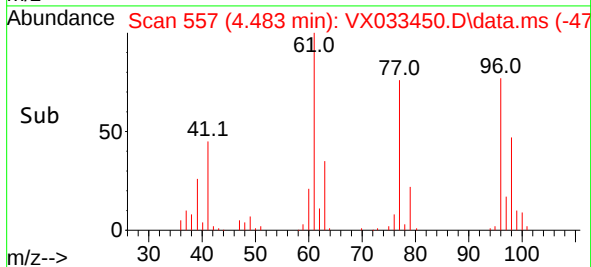
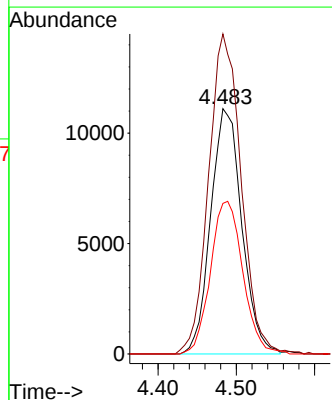
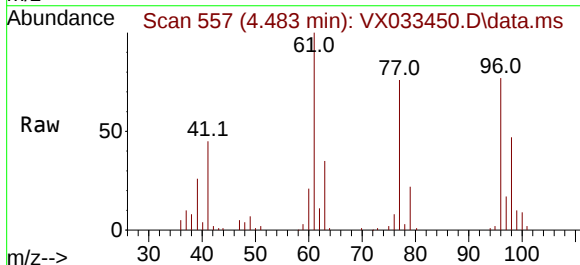
Manual Integrations
APPROVED

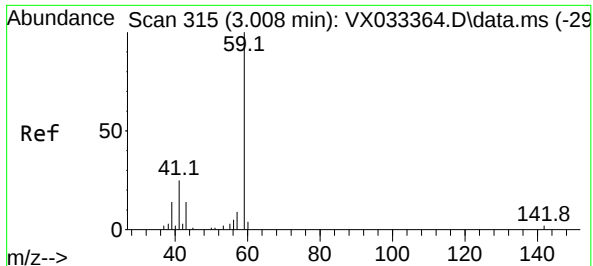
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#22
cis-1,2-Dichloroethene
Concen: 20.413 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Tgt Ion: 96 Resp: 30706
Ion Ratio Lower Upper
96 100
61 136.3 113.5 170.3
98 64.6 51.9 77.9





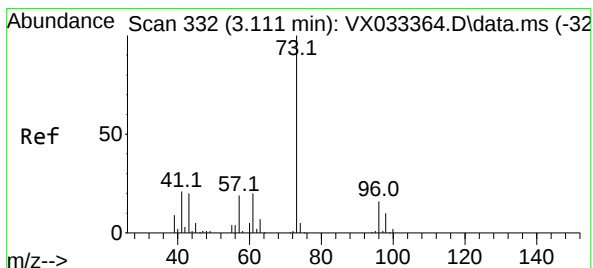
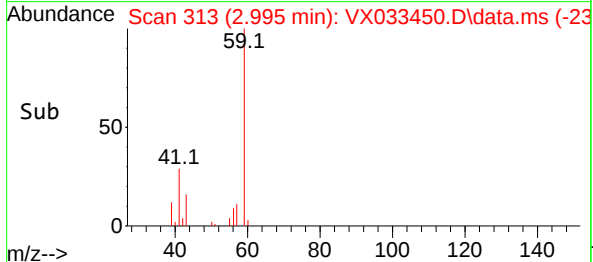
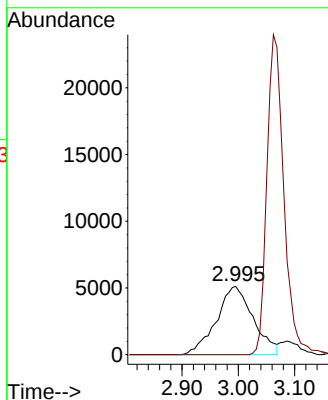
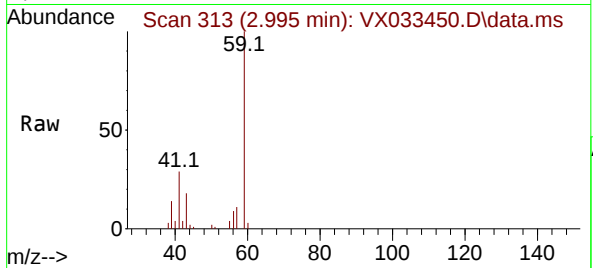
#23
tert-Butyl Alcohol
Concen: 95.765 ug/l m
RT: 2.995 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 2330
Ion Ratio Lower Upper
59 100
52 0.6 149.0 223.6

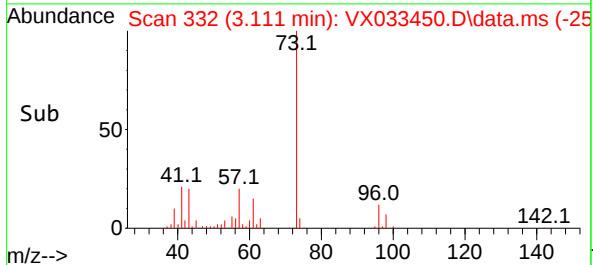
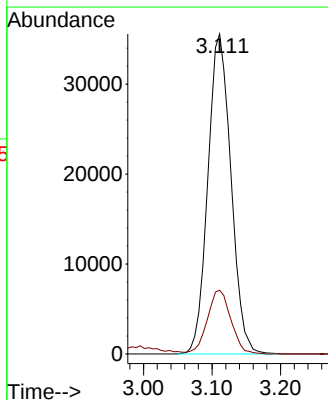
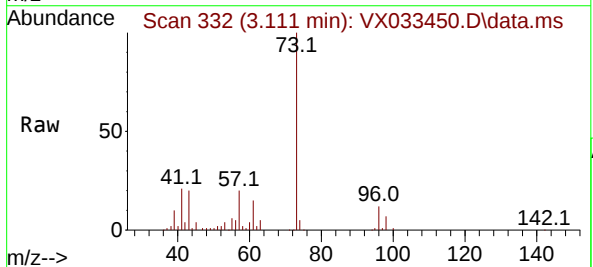
Manual Integrations
APPROVED

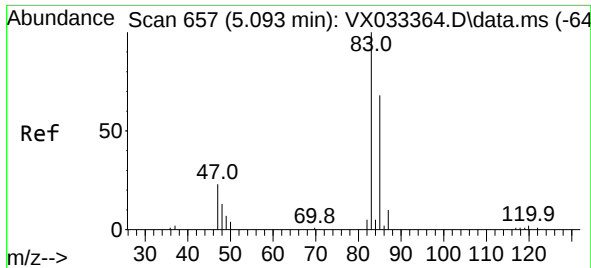
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#24
Methyl tert-Butyl Ether
Concen: 20.692 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Tgt Ion: 73 Resp: 83288
Ion Ratio Lower Upper
73 100
43 20.3 16.8 25.2





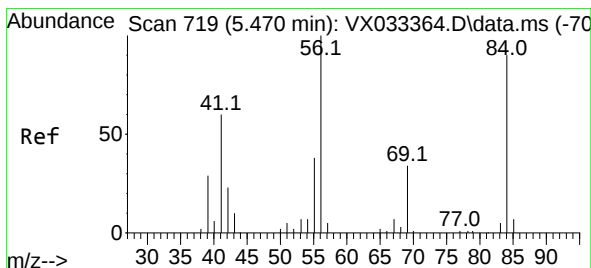
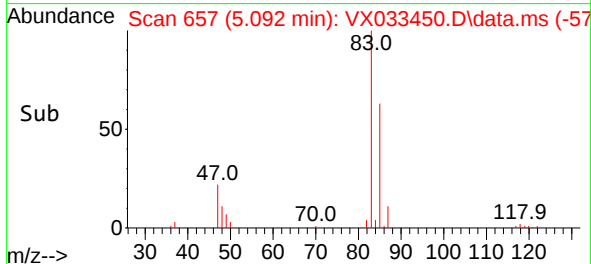
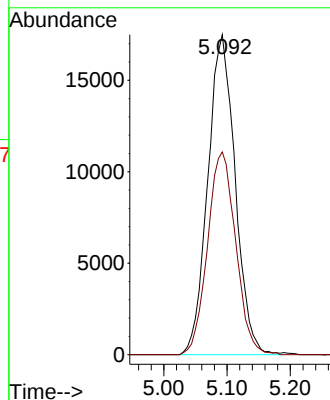
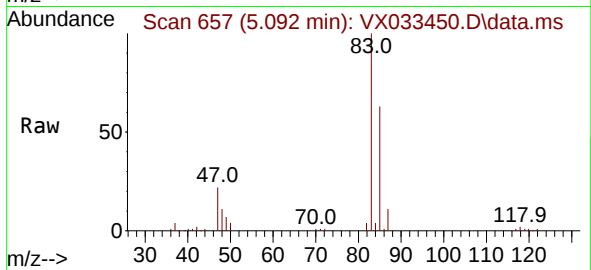
#25
Chloroform
Concen: 20.375 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 52540
Ion Ratio Lower Upper
83 100
85 63.3 54.2 81.2

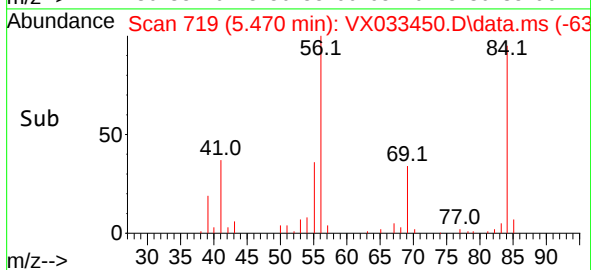
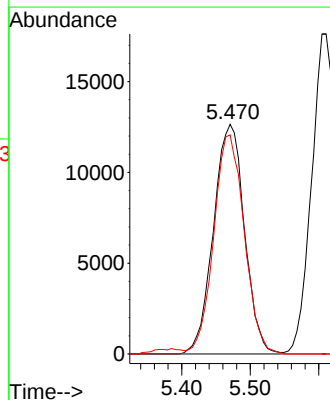
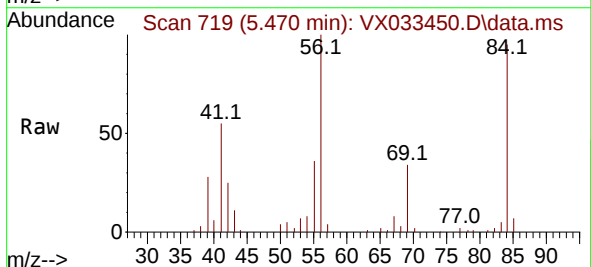
Manual Integrations
APPROVED

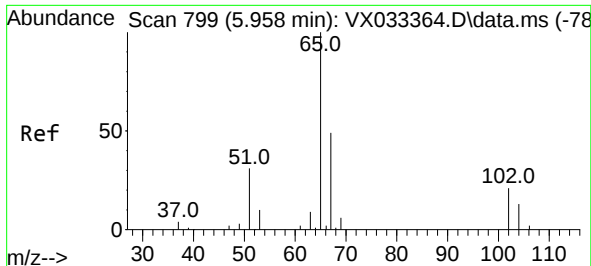
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#26
Cyclohexane
Concen: 20.013 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Tgt Ion: 56 Resp: 39670
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 94.0 74.7 112.1





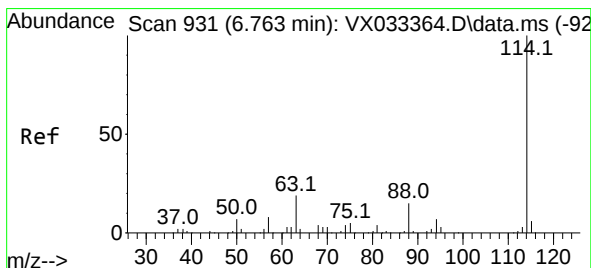
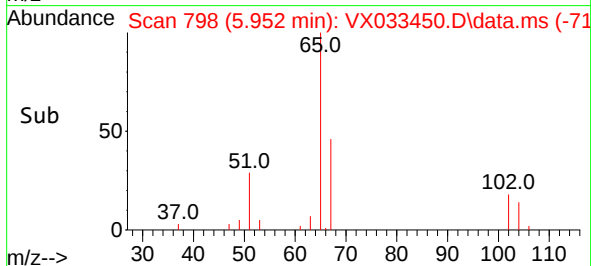
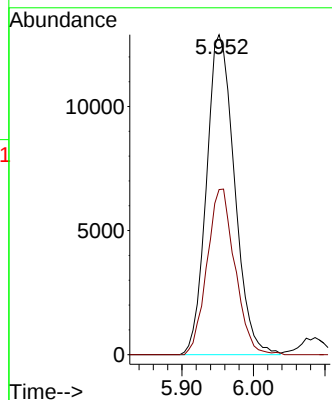
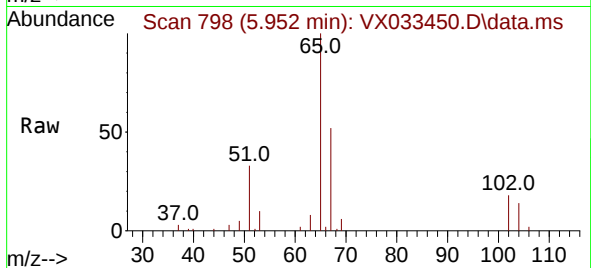
#27
1,2-Dichloroethane-d4
Concen: 31.004 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 35148
Ion Ratio Lower Upper
65 100
67 51.4 39.8 59.8

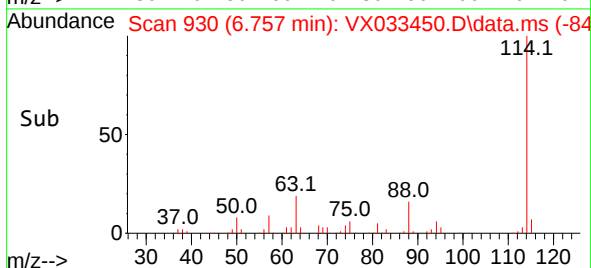
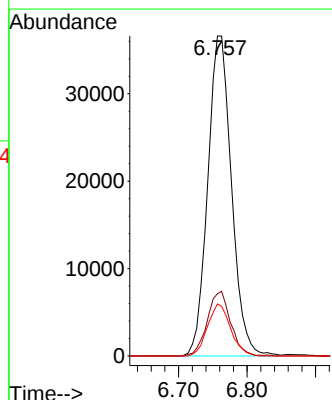
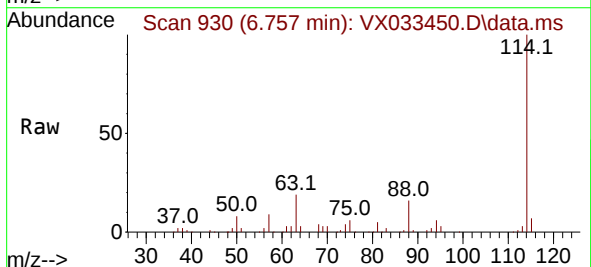
Manual Integrations
APPROVED

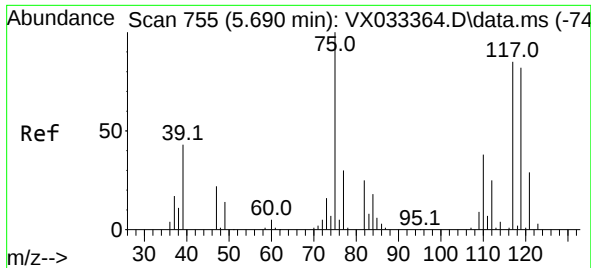
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Tgt Ion:114 Resp: 88482
Ion Ratio Lower Upper
114 100
63 19.7 15.2 22.8
88 15.7 12.2 18.4





#29

1,1-Dichloropropene

Concen: 20.404 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

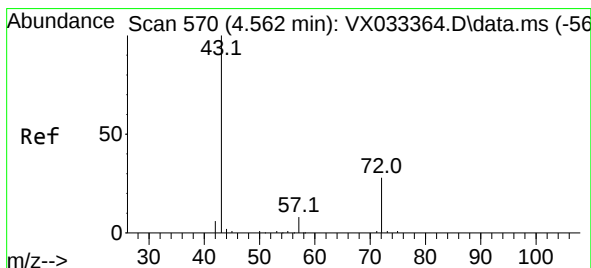
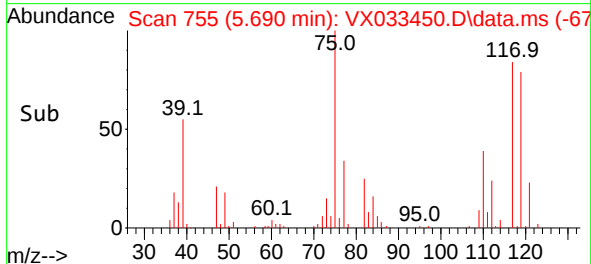
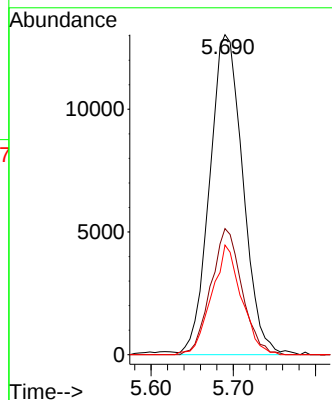
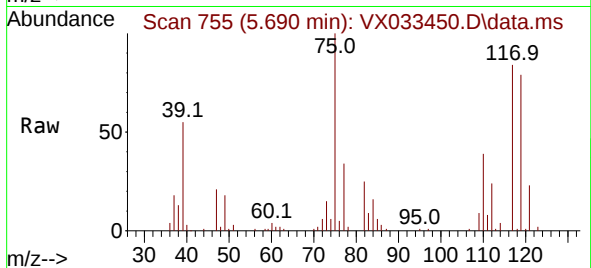
Tgt Ion: 75	Resp: 36489
Ion Ratio	Lower Upper
75 100	
110 36.7	0.0 73.6
77 30.7	0.0 62.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#30

2-Butanone

Concen: 106.227 ug/l

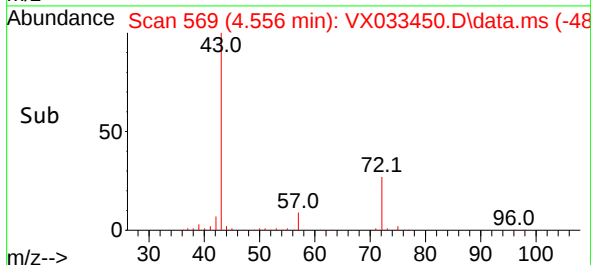
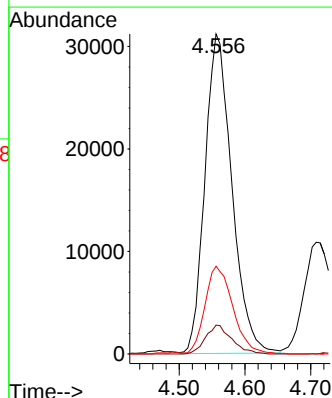
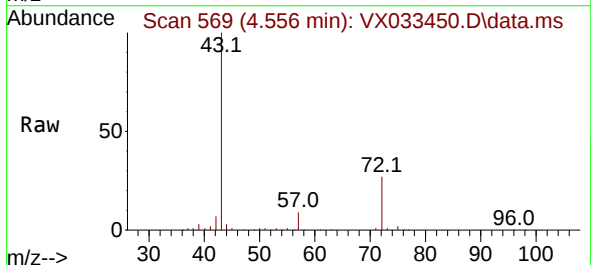
RT: 4.556 min Scan# 569

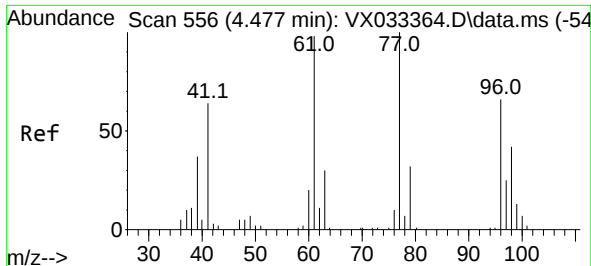
Delta R.T. -0.006 min

Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

Tgt Ion: 43	Resp: 88802
Ion Ratio	Lower Upper
43 100	
57 8.8	6.6 9.8
72 28.4	22.5 33.7





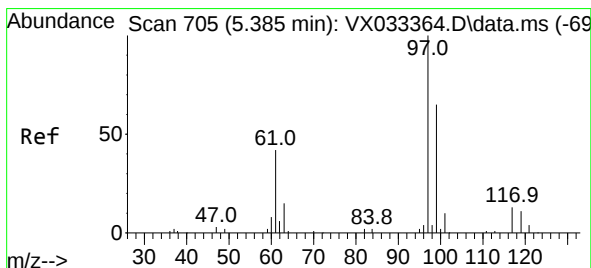
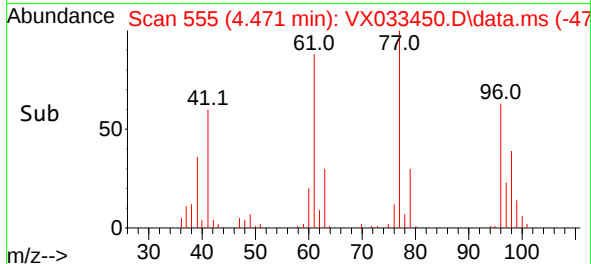
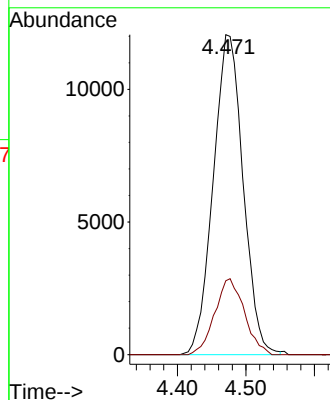
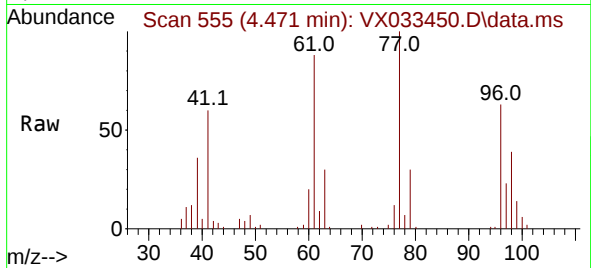
#31
2,2-Dichloropropane
Concen: 19.419 ug/l
RT: 4.471 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 36490
Ion Ratio Lower Upper
77 100
97 23.5 18.1 27.1

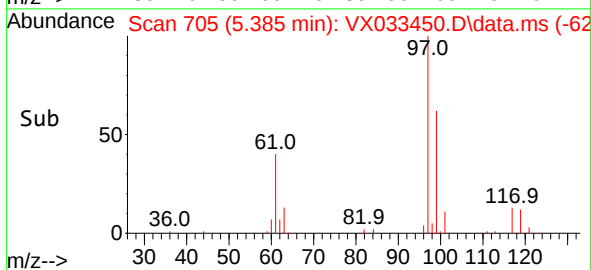
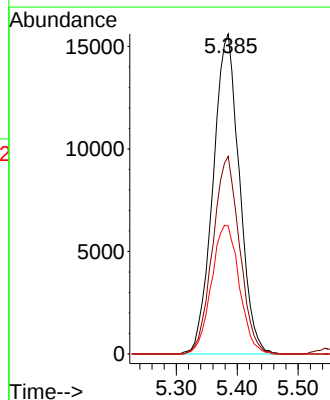
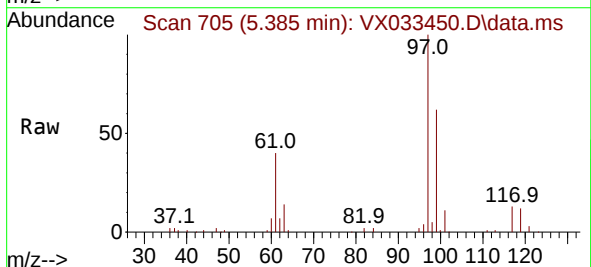
Manual Integrations
APPROVED

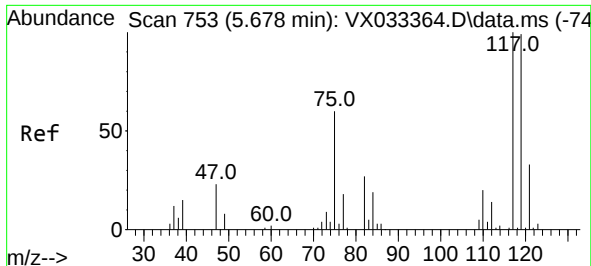
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#32
1,1,1-Trichloroethane
Concen: 20.329 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

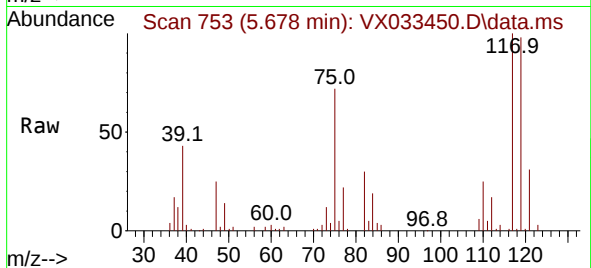
Tgt Ion: 97 Resp: 46929
Ion Ratio Lower Upper
97 100
99 62.6 51.0 76.4
61 42.4 34.3 51.5





#33
Carbon Tetrachloride
Concen: 19.659 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

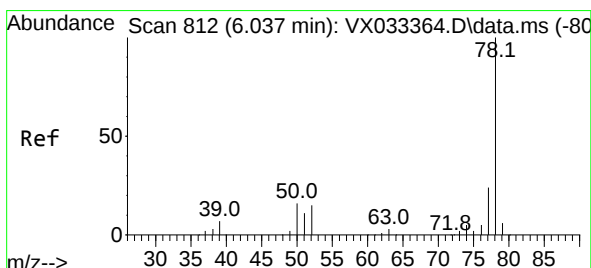
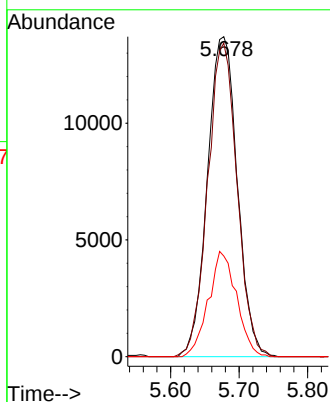
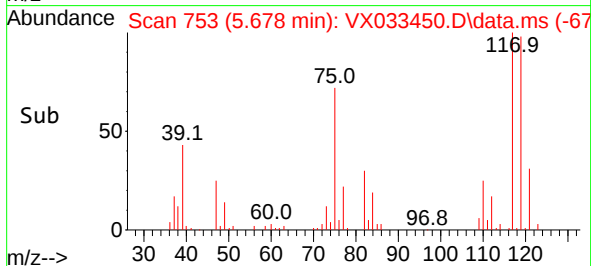
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



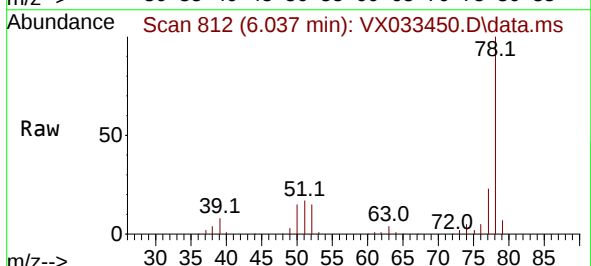
Tgt Ion:117 Resp: 41499
Ion Ratio Lower Upper
117 100
119 98.0 79.5 119.3
121 31.4 26.2 39.2

Manual Integrations
APPROVED

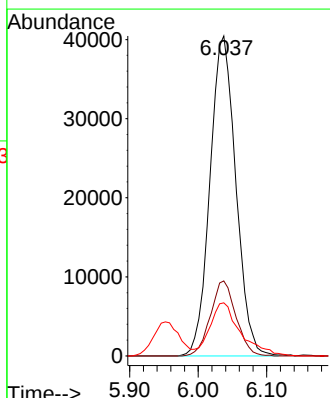
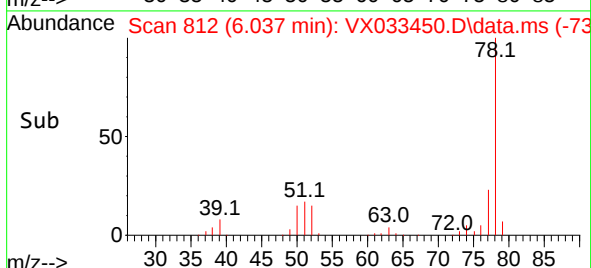
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

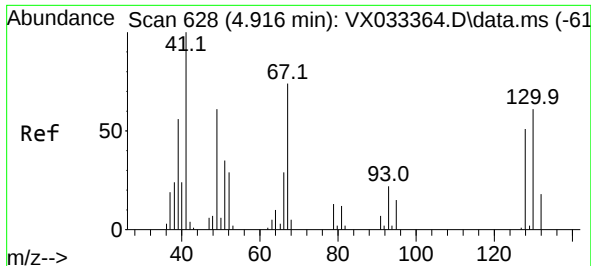


#34
Benzene
Concen: 20.701 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17



Tgt Ion: 78 Resp: 106087
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8
51 15.8 12.6 18.8





#35
Methacrylonitrile
Concen: 22.310 ug/l
RT: 4.916 min Scan# 611
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

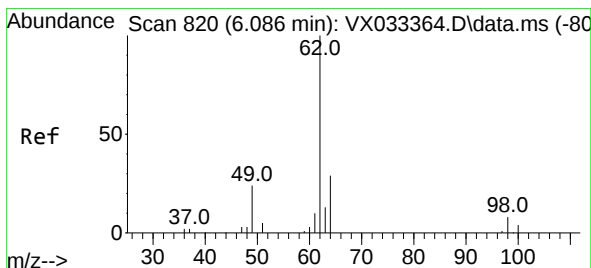
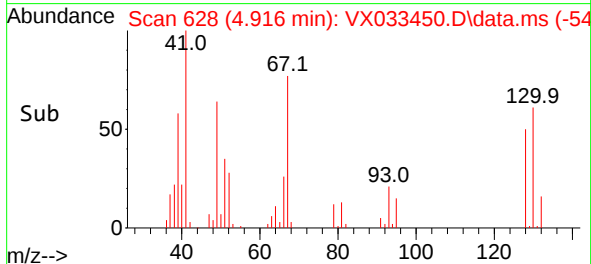
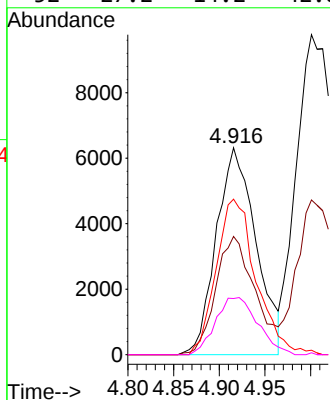
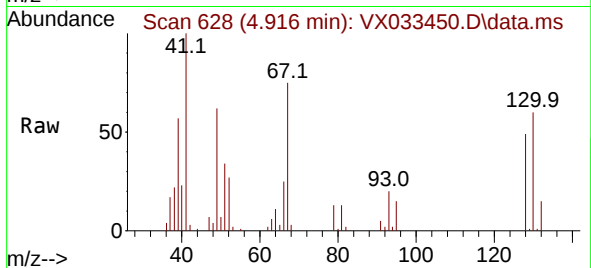
VSTDCCC020

Tgt Ion: 41 Resp: 1911
Ion Ratio Lower Upper
41 100
39 57.1 27.8 83.3
67 75.1 37.0 110.9
52 27.2 14.2 42.8

Manual Integrations

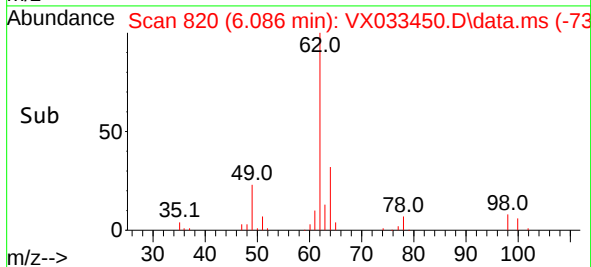
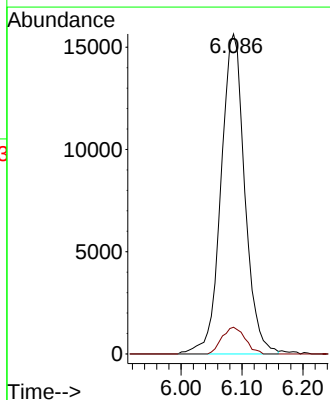
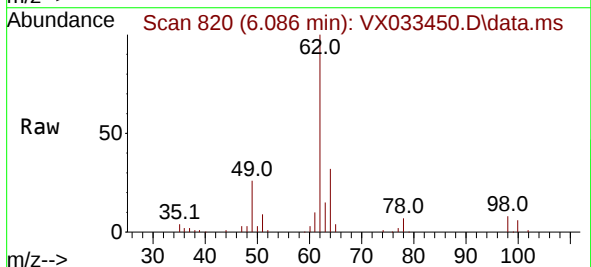
APPROVED

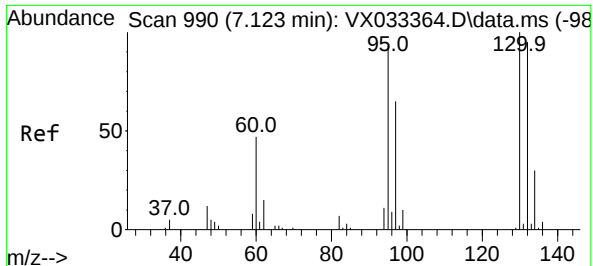
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#36
1,2-Dichloroethane
Concen: 21.494 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

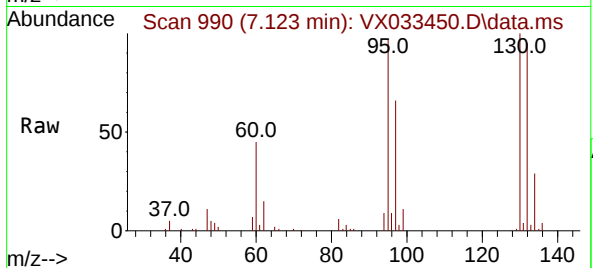
Tgt Ion: 62 Resp: 42341
Ion Ratio Lower Upper
62 100
98 8.1 6.4 9.6





#37
Trichloroethene
Concen: 20.609 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

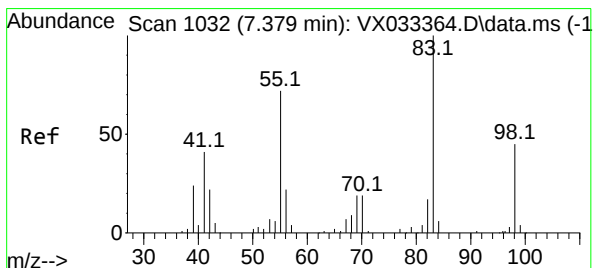
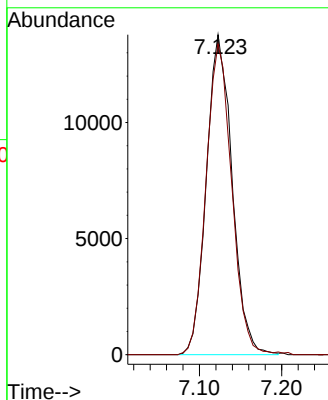
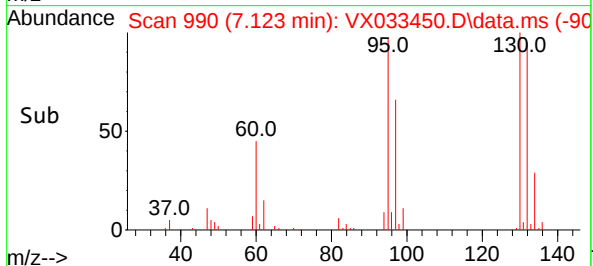
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



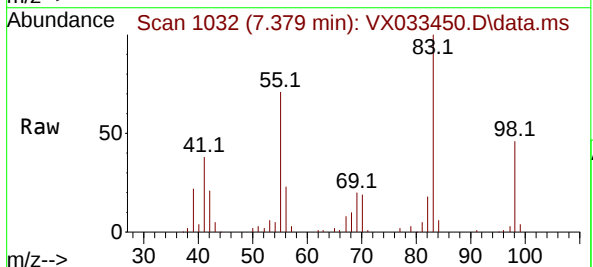
Tgt Ion:130 Resp: 29990
Ion Ratio Lower Upper
130 100
95 97.0 74.6 112.0

Manual Integrations
APPROVED

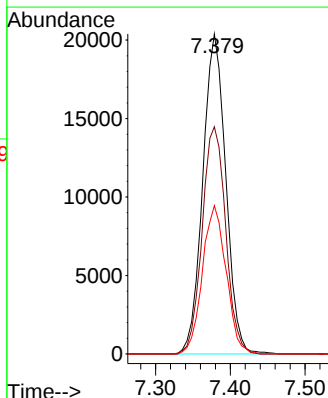
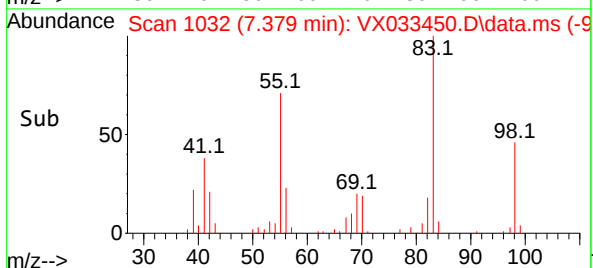
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

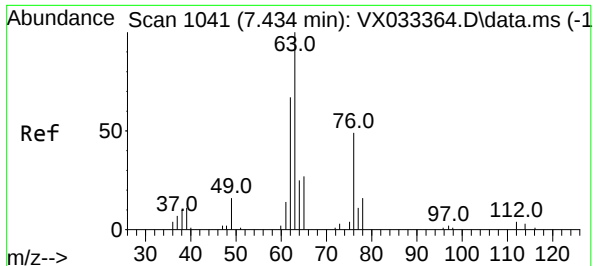


#38
Methylcyclohexane
Concen: 20.698 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17



Tgt Ion: 83 Resp: 43616
Ion Ratio Lower Upper
83 100
55 72.4 36.2 108.6
98 47.8 23.4 70.2





#39

1,2-Dichloropropane

Concen: 21.443 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 2740

Ion Ratio Lower Upper

63 100

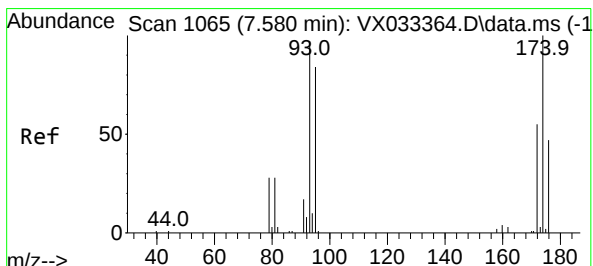
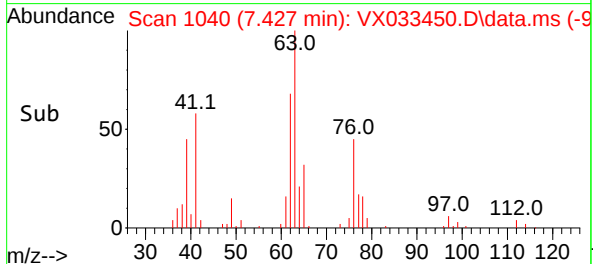
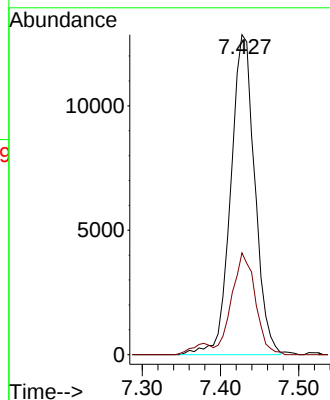
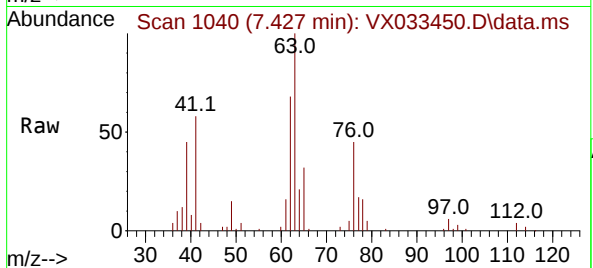
65 31.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#40

Dibromomethane

Concen: 21.380 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

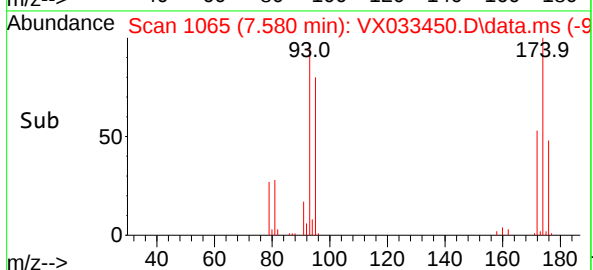
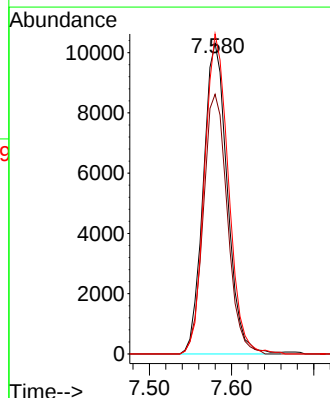
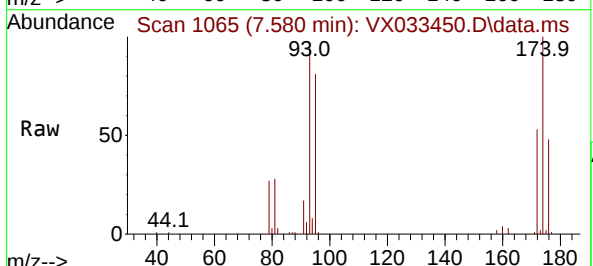
Tgt Ion: 93 Resp: 20905

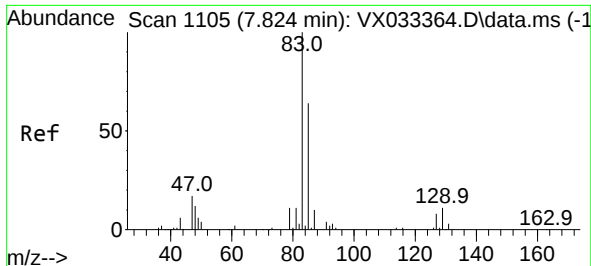
Ion Ratio Lower Upper

93 100

95 83.4 0.0 170.2

174 102.3 0.0 206.8





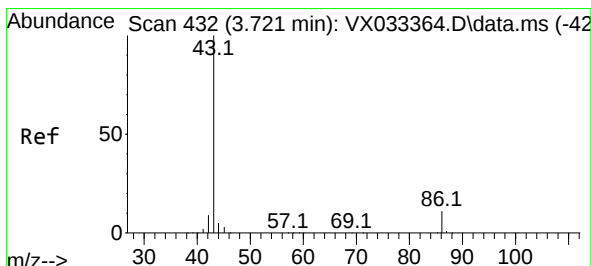
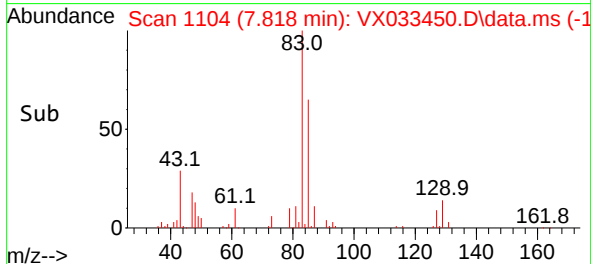
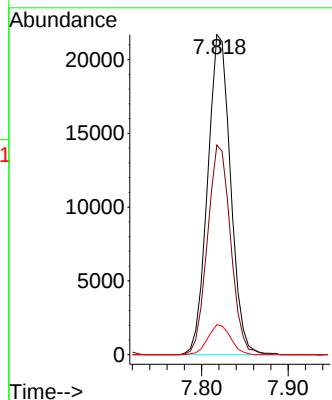
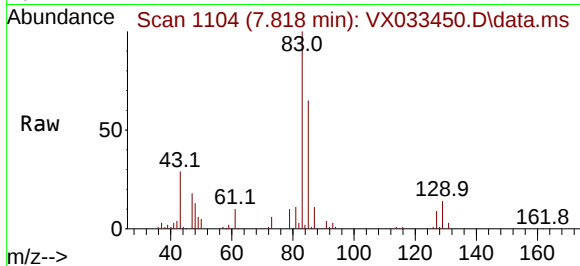
#41
Bromodichloromethane
Concen: 19.947 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 3996
Ion Ratio Lower Upper
83 100
85 65.5 50.9 76.3
127 9.4 6.8 10.2

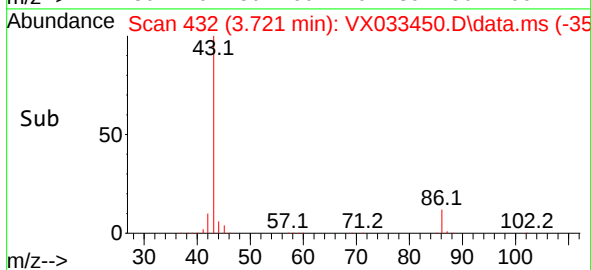
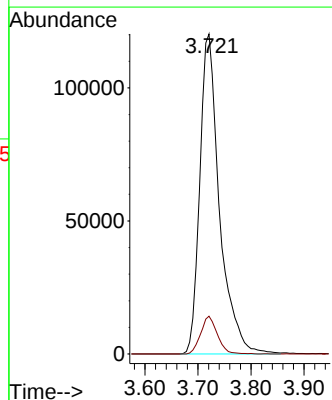
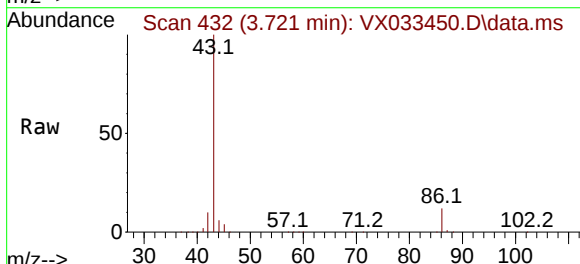
Manual Integrations
APPROVED

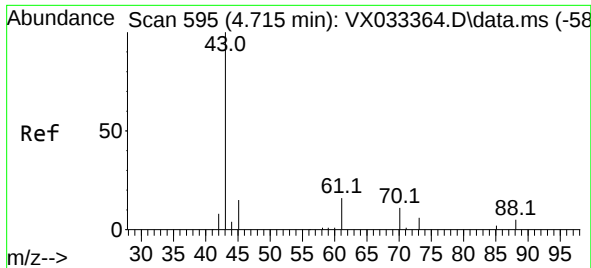
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#42
Vinyl Acetate
Concen: 107.307 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Tgt Ion: 43 Resp: 310572
Ion Ratio Lower Upper
43 100
86 10.0 7.8 11.8





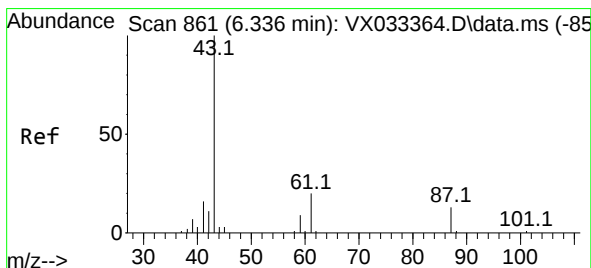
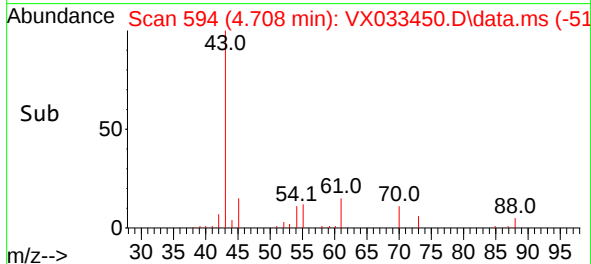
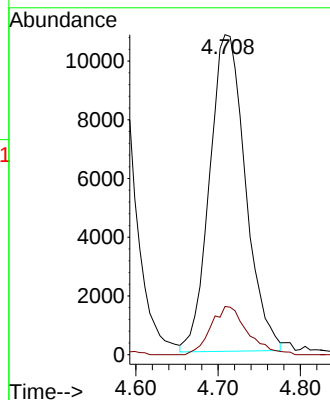
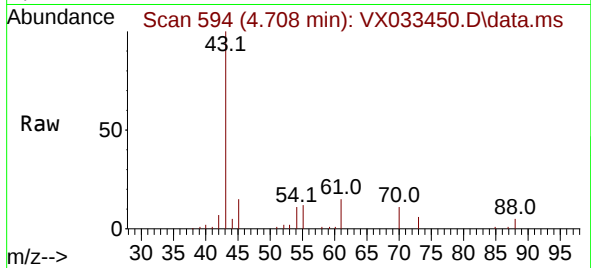
#43
Ethyl Acetate
Concen: 21.766 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 32710
Ion Ratio Lower Upper
43 100
45 15.5 12.0 18.0

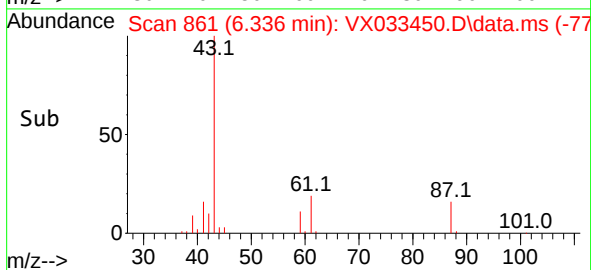
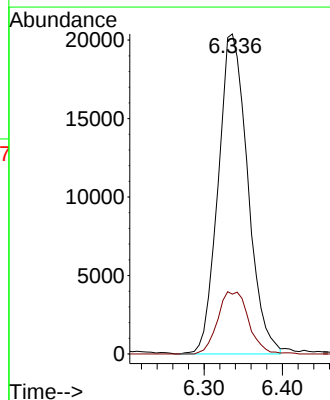
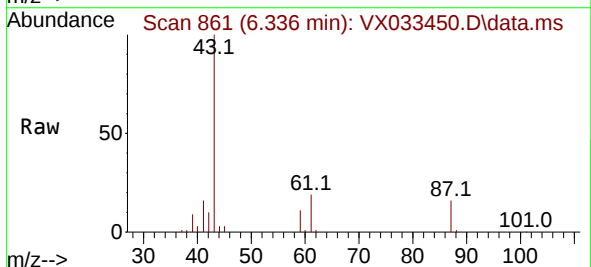
Manual Integrations
APPROVED

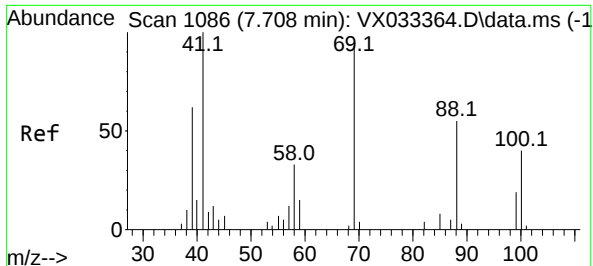
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#44
Isopropyl Acetate
Concen: 20.949 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Tgt Ion: 43 Resp: 53453
Ion Ratio Lower Upper
43 100
61 20.2 15.7 23.5





#45

1,4-Dioxane

Concen: 425.613 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.012 min

Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 88 Resp: 12720

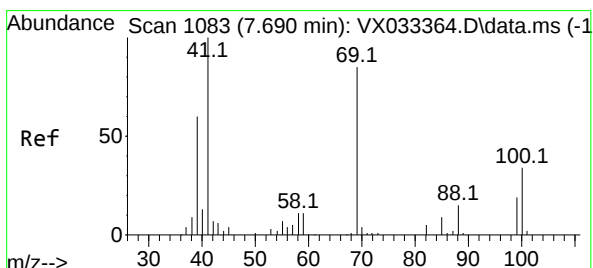
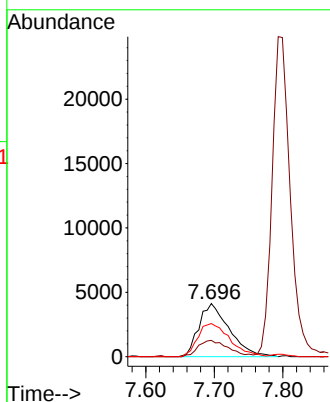
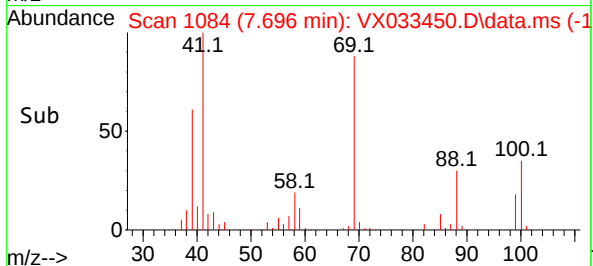
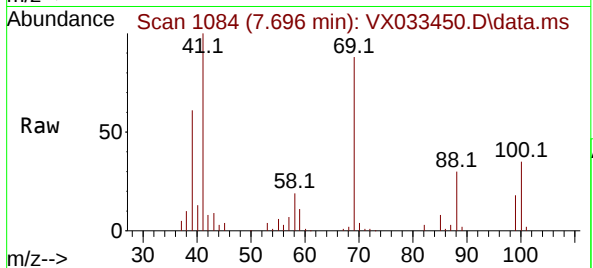
Ion	Ratio	Lower	Upper
88	100		
43	30.4	12.4	18.6
58	65.6	51.1	76.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#46

Methyl methacrylate

Concen: 21.917 ug/l

RT: 7.690 min Scan# 1083

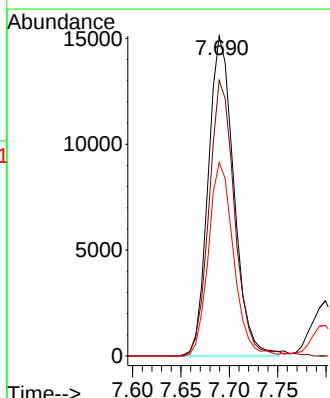
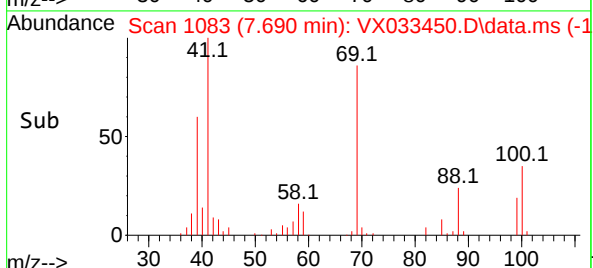
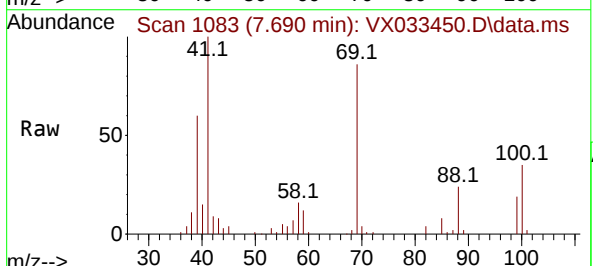
Delta R.T. -0.000 min

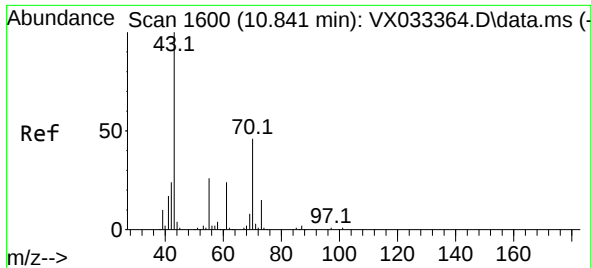
Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

Tgt Ion: 41 Resp: 27857

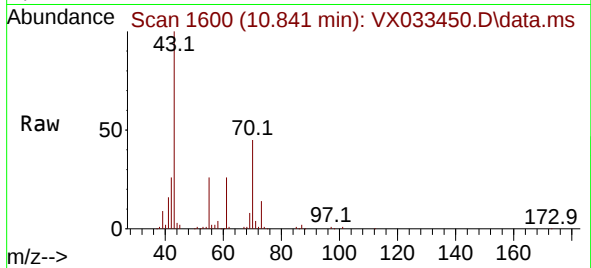
Ion	Ratio	Lower	Upper
41	100		
69	86.1	42.3	126.9
39	60.4	30.1	90.5





#47
n-amy1 Acetate
Concen: 21.389 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

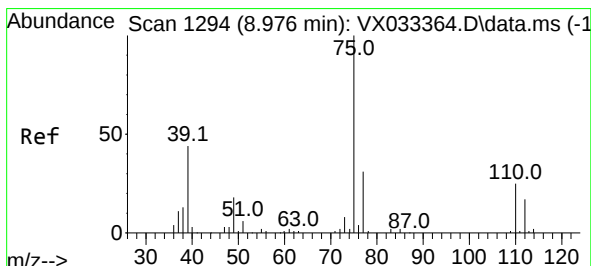
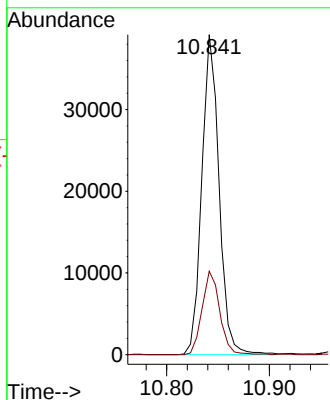
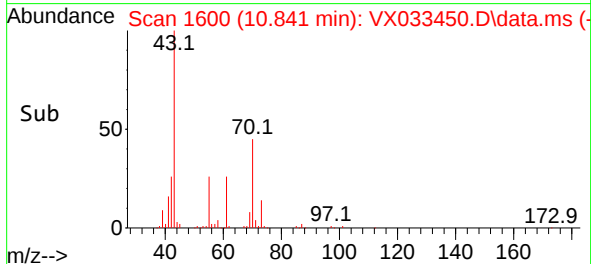
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 45802
Ion Ratio Lower Upper
43 100
55 26.6 20.6 30.8

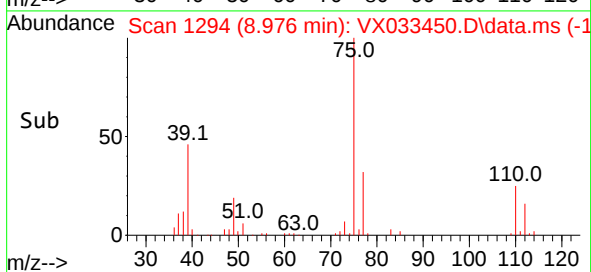
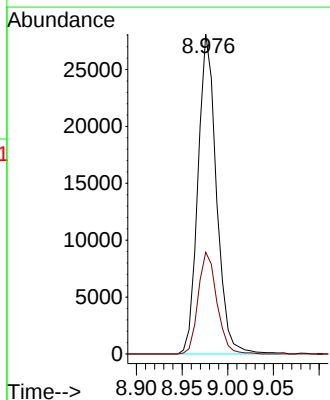
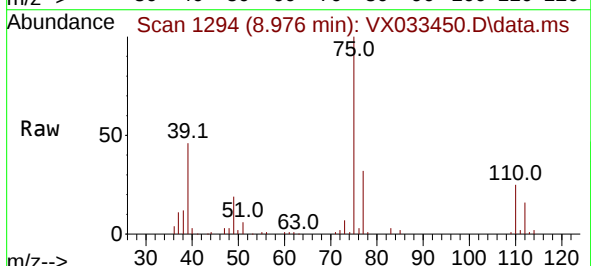
Manual Integrations
APPROVED

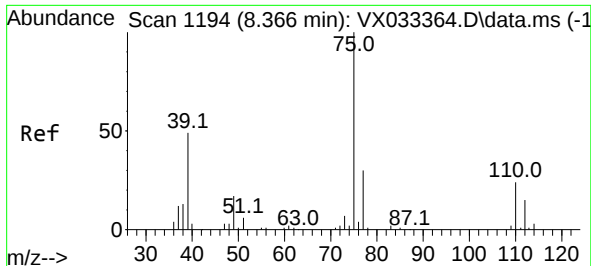
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#48
t-1,3-Dichloropropene
Concen: 19.703 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Tgt Ion: 75 Resp: 39598
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4





#49

cis-1,3-Dichloropropene

Concen: 20.394 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 4399

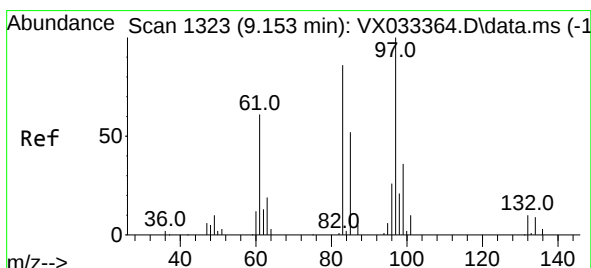
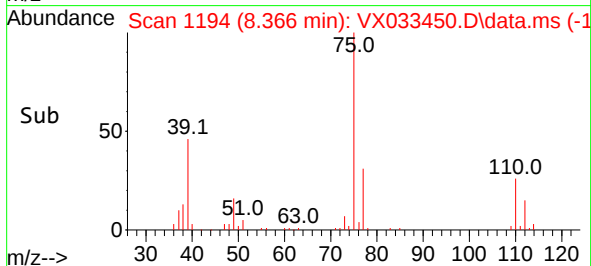
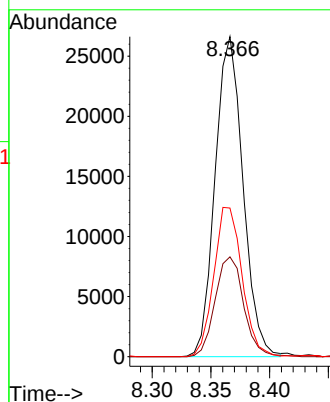
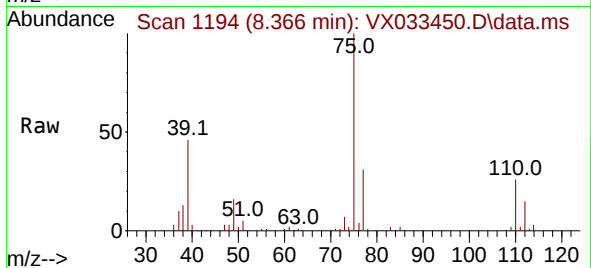
Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.2	36.4
39	46.5	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#50

1,1,2-Trichloroethane

Concen: 22.252 ug/l

RT: 9.153 min Scan# 1323

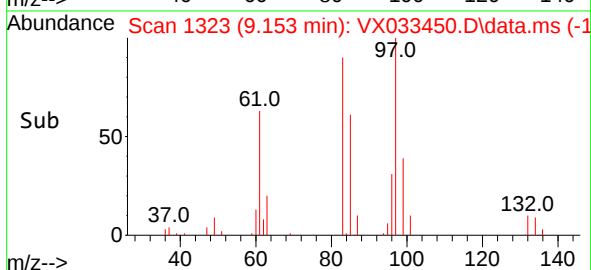
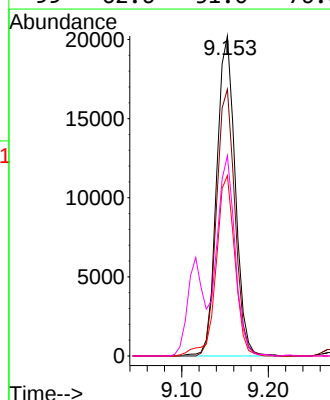
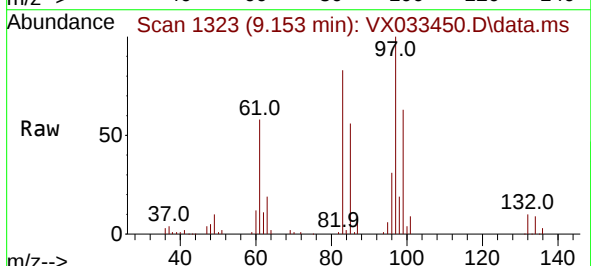
Delta R.T. -0.000 min

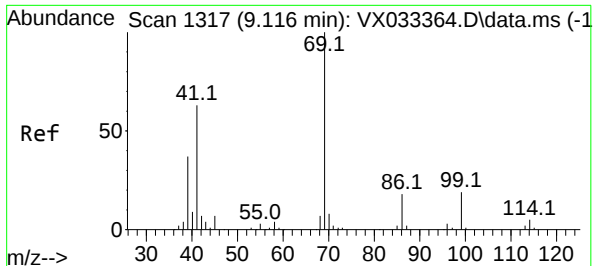
Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

Tgt Ion: 97 Resp: 30088

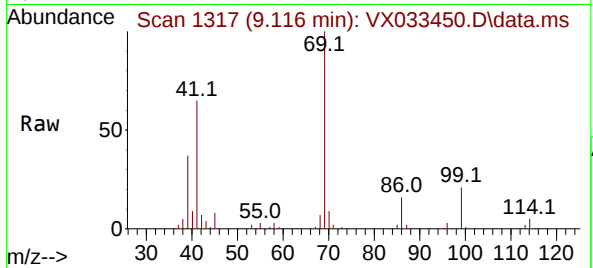
Ion	Ratio	Lower	Upper
97	100		
83	83.3	68.1	102.1
85	56.4	43.8	65.6
99	62.6	51.0	76.6





#51
Ethyl methacrylate
Concen: 21.126 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

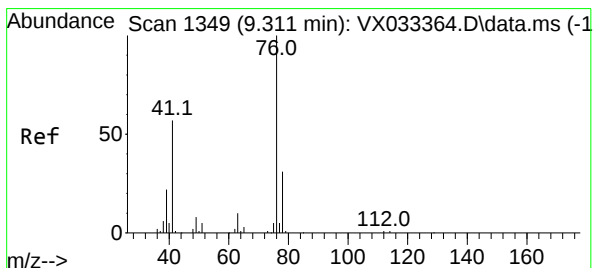
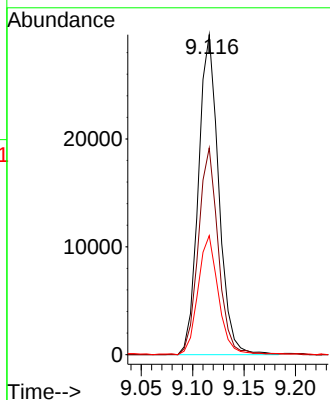
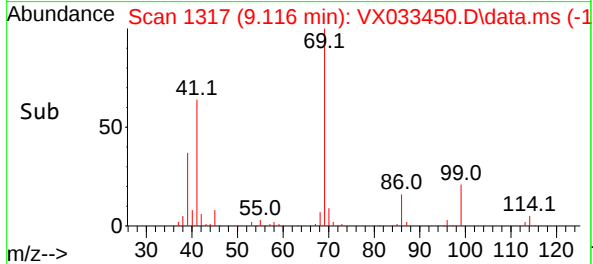
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 69 Resp: 40815
Ion Ratio Lower Upper
69 100
41 64.6 31.4 94.2
39 37.2 18.4 55.2

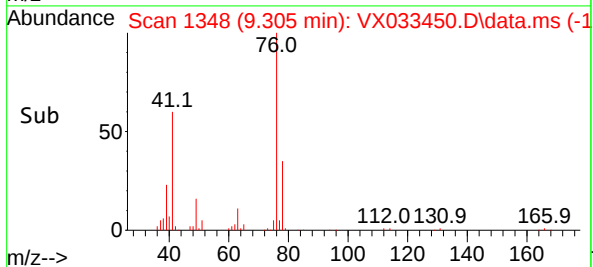
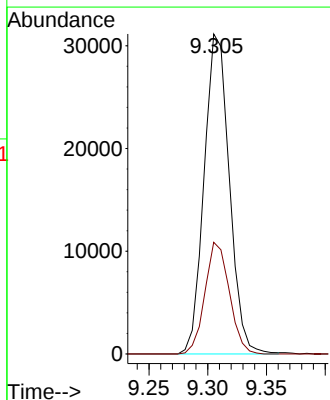
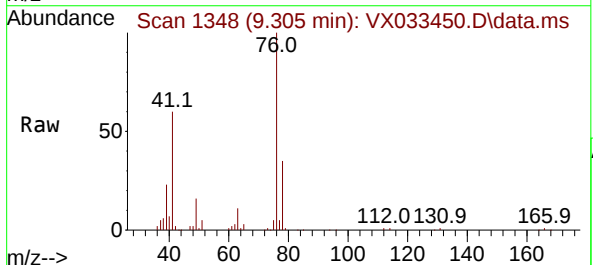
Manual Integrations
APPROVED

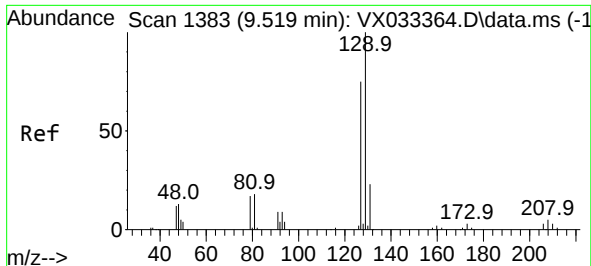
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#52
1,3-Dichloropropane
Concen: 21.090 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Tgt Ion: 76 Resp: 46566
Ion Ratio Lower Upper
76 100
78 33.7 0.0 63.4





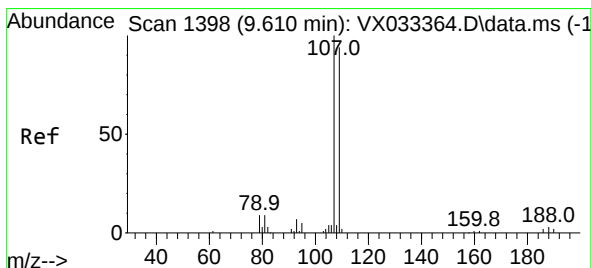
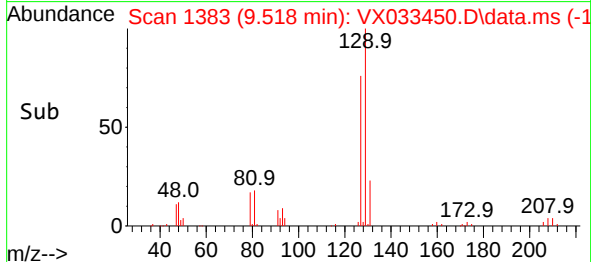
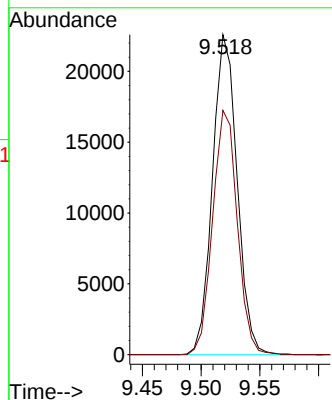
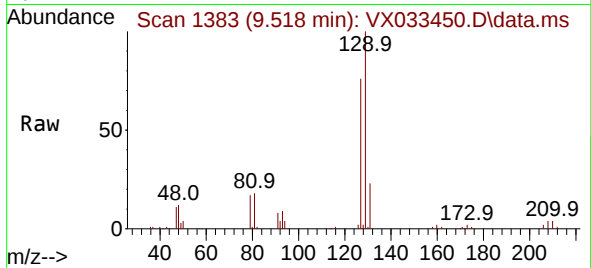
#53
Dibromochloromethane
Concen: 20.277 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 32949
Ion Ratio Lower Upper
129 100
127 76.5 38.1 114.3

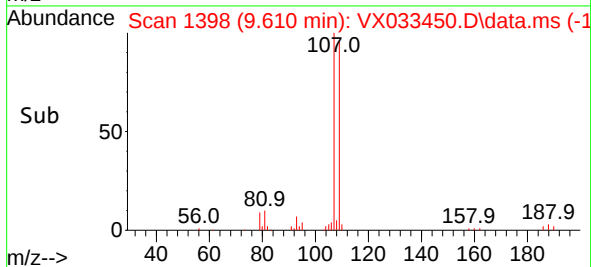
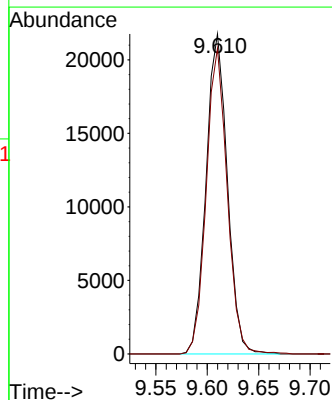
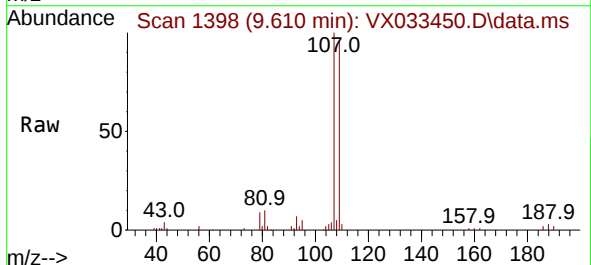
Manual Integrations
APPROVED

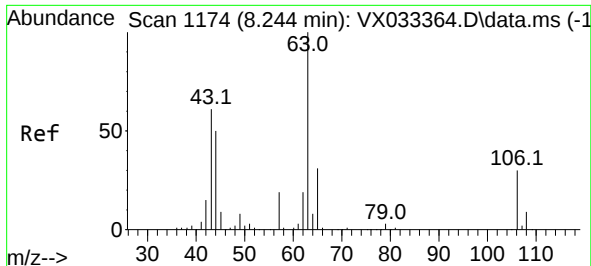
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#54
1,2-Dibromoethane
Concen: 21.230 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Tgt Ion:107 Resp: 31422
Ion Ratio Lower Upper
107 100
109 93.8 74.2 111.2





#55

2-Chloroethyl vinyl ether

Concen: 100.914 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

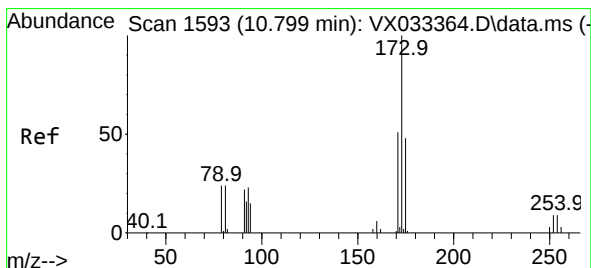
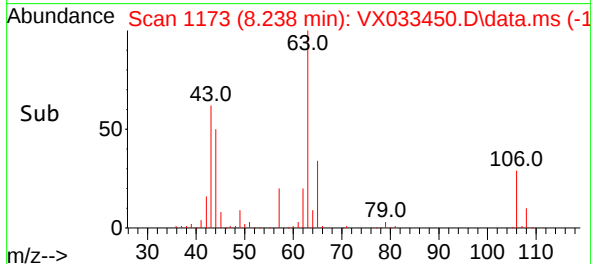
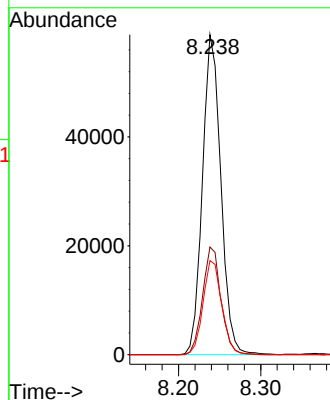
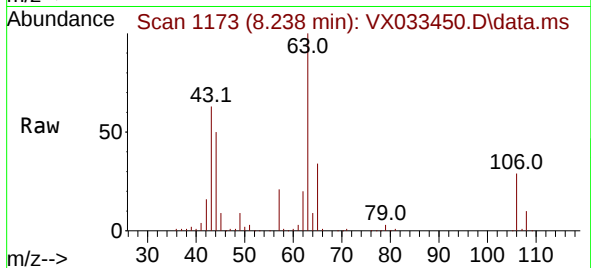
Tgt Ion:	63	Resp:	9153
Ion	Ratio	Lower	Upper
63	100		
65	33.5	25.8	38.8
106	29.9	24.2	36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#56

Bromoform

Concen: 19.344 ug/l

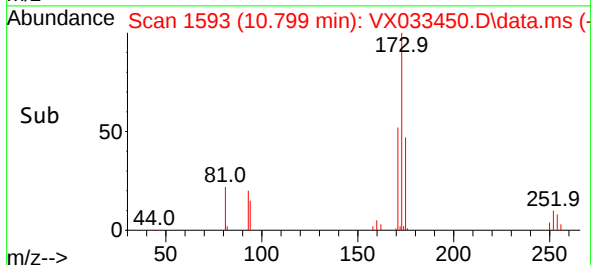
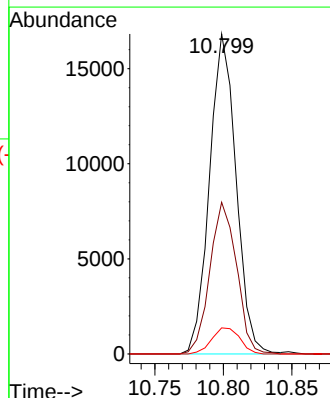
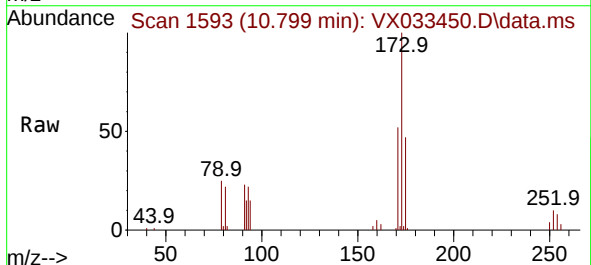
RT: 10.799 min Scan# 1593

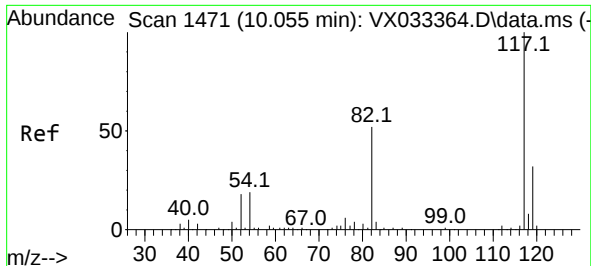
Delta R.T. -0.000 min

Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

Tgt Ion:	173	Resp:	22689
Ion	Ratio	Lower	Upper
173	100		
175	47.6	39.6	59.4
254	8.6	7.1	10.7





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 117 Resp: 98990

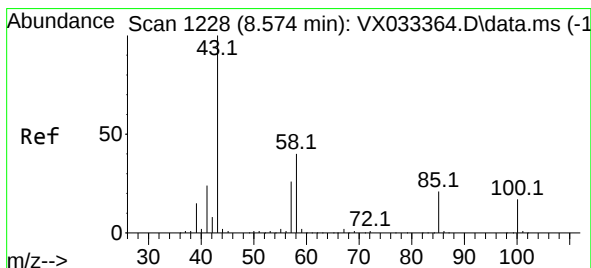
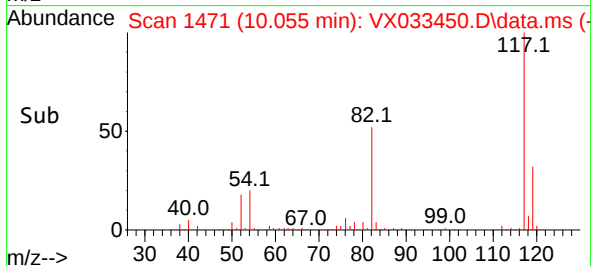
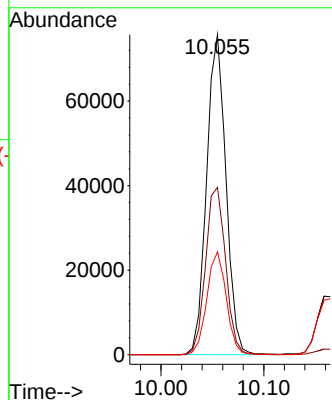
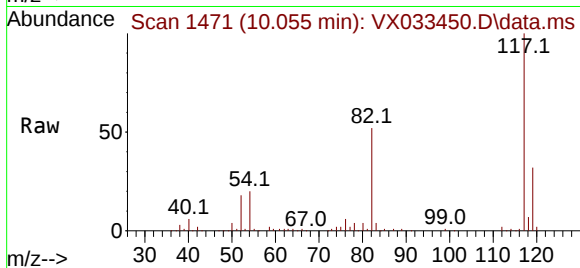
Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.7	65.5
119	32.4	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#58

4-Methyl-2-Pentanone

Concen: 109.294 ug/l

RT: 8.574 min Scan# 1228

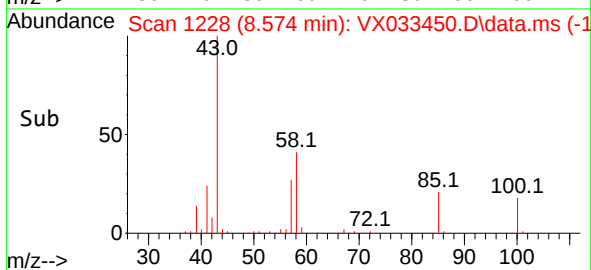
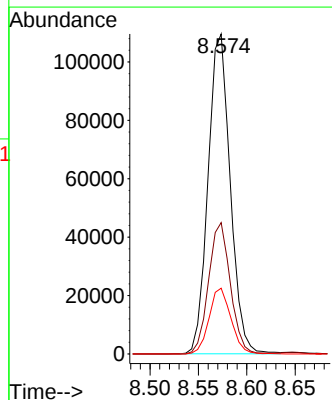
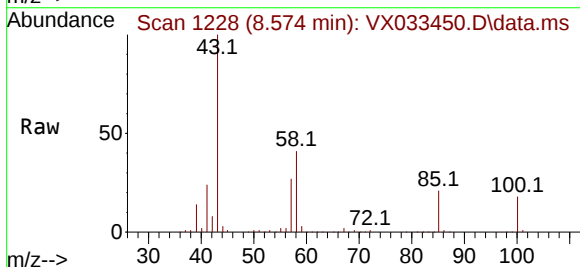
Delta R.T. -0.000 min

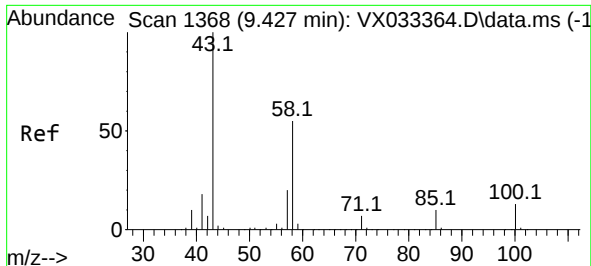
Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

Tgt Ion: 43 Resp: 174963

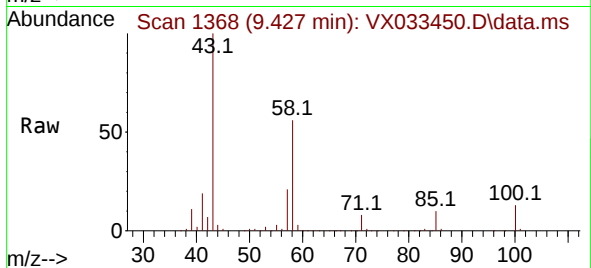
Ion	Ratio	Lower	Upper
43	100		
58	40.3	32.3	48.5
85	20.3	16.6	24.8





#59
2-Hexanone
Concen: 107.654 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

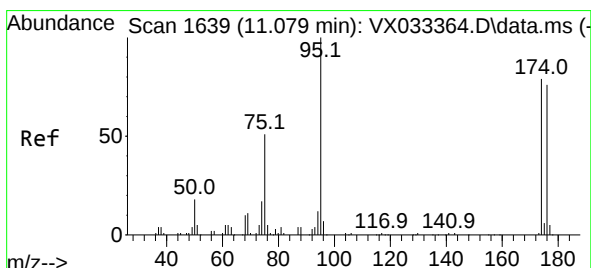
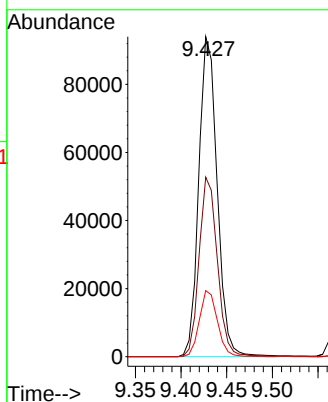
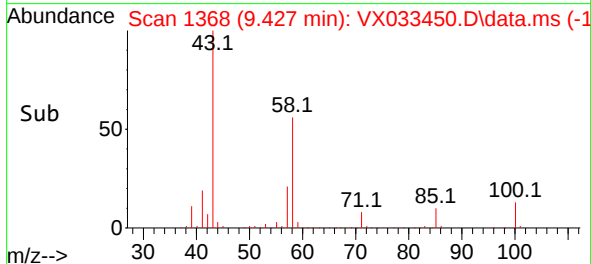
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 131784
Ion Ratio Lower Upper
43 100
58 55.8 44.4 66.6
57 20.2 16.2 24.2

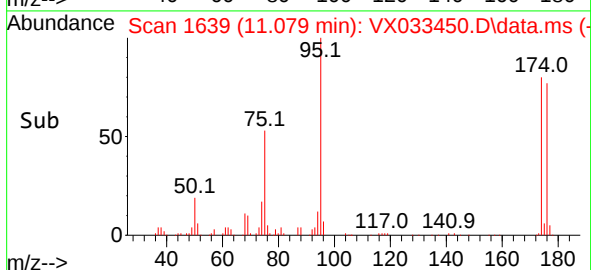
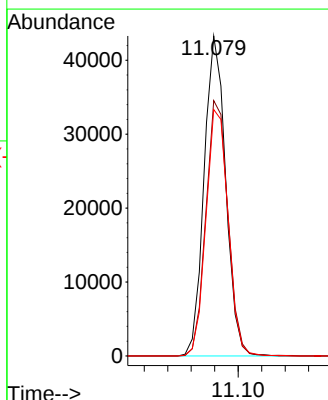
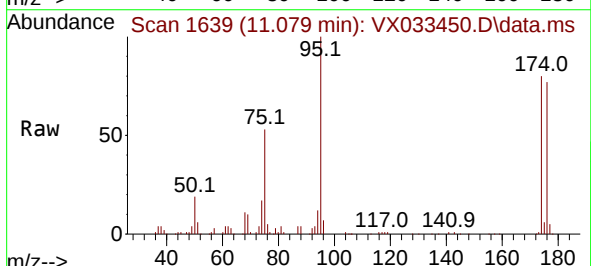
Manual Integrations
APPROVED

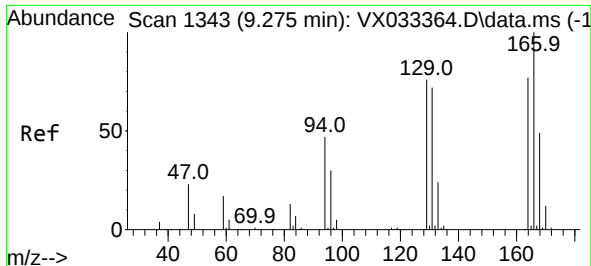
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#60
4-Bromofluorobenzene
Concen: 30.016 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

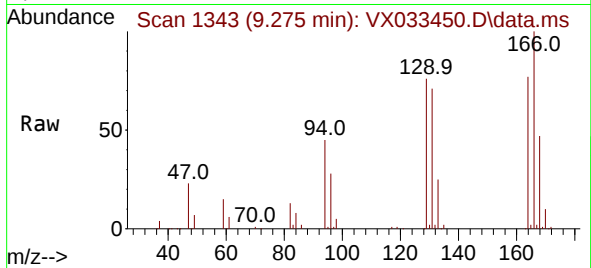
Tgt Ion: 95 Resp: 55035
Ion Ratio Lower Upper
95 100
174 81.7 65.9 98.9
176 79.2 63.3 94.9





#61
Tetrachloroethene
Concen: 20.178 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

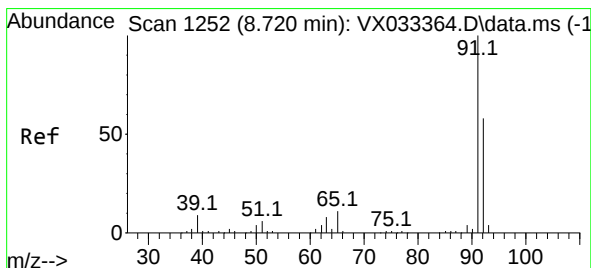
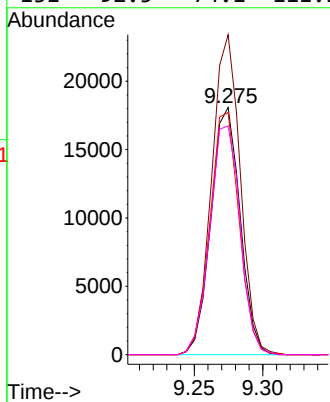
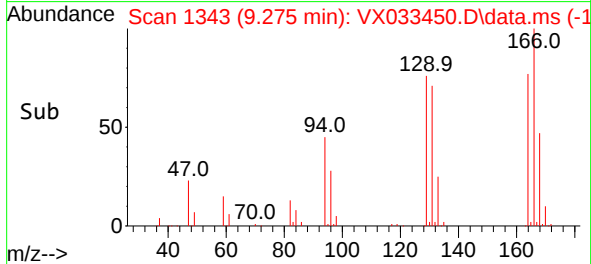
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



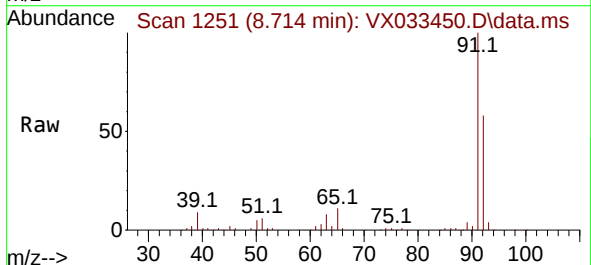
Tgt Ion:164 Resp: 26749
Ion Ratio Lower Upper
164 100
166 129.4 103.3 154.9
129 97.9 78.3 117.5
131 92.5 74.1 111.1

Manual Integrations
APPROVED

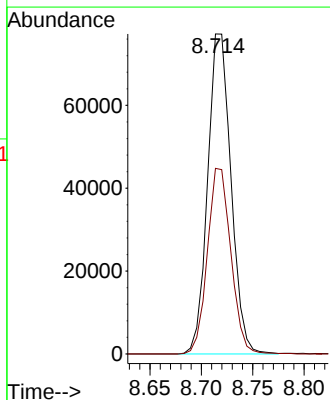
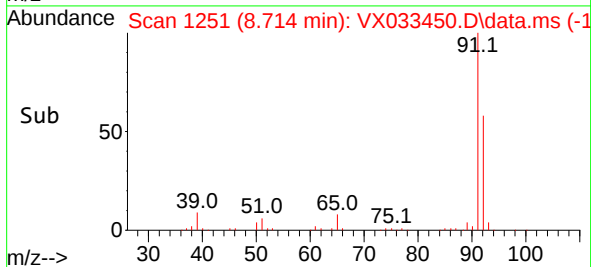
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

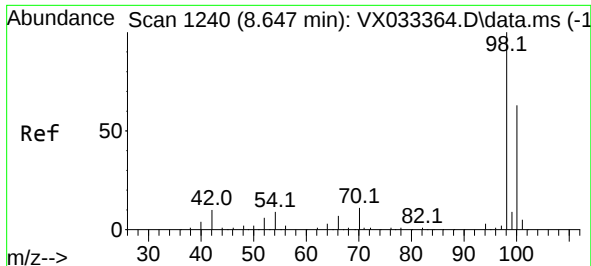


#62
Toluene
Concen: 20.329 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17



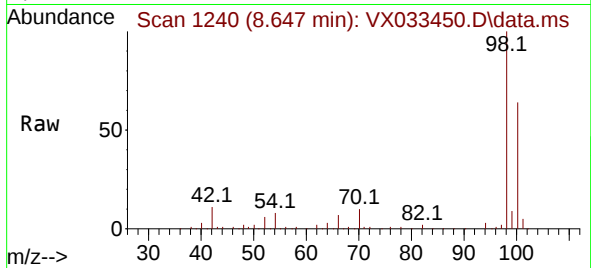
Tgt Ion: 91 Resp: 122156
Ion Ratio Lower Upper
91 100
92 58.3 46.2 69.2





#63
Toluene-d8
Concen: 30.097 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

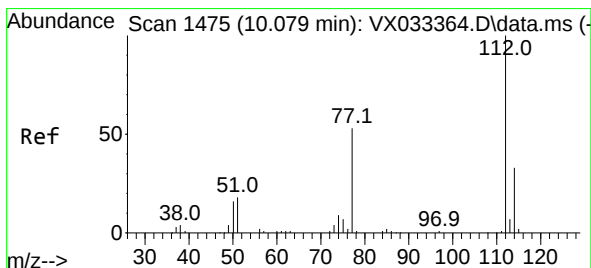
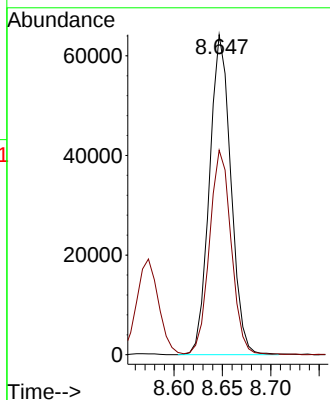
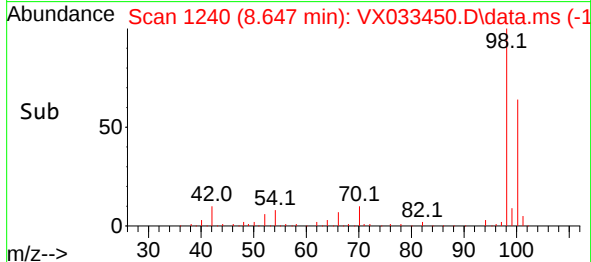
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



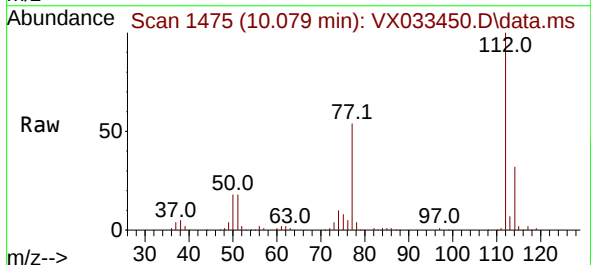
Tgt Ion: 98 Resp: 9911
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.2

Manual Integrations
APPROVED

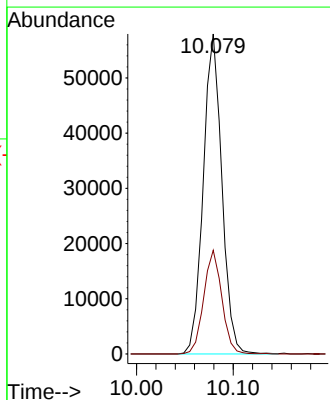
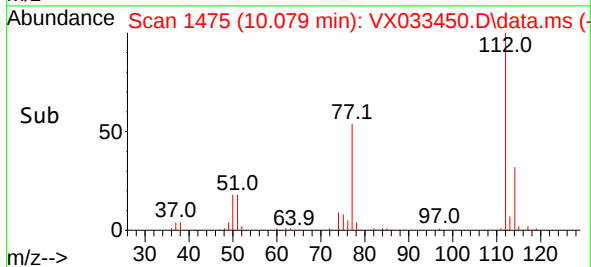
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

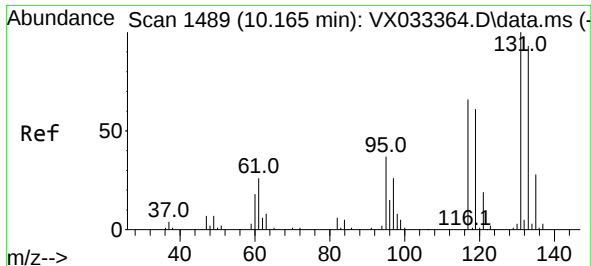


#64
Chlorobenzene
Concen: 20.446 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17



Tgt Ion:112 Resp: 77720
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.2





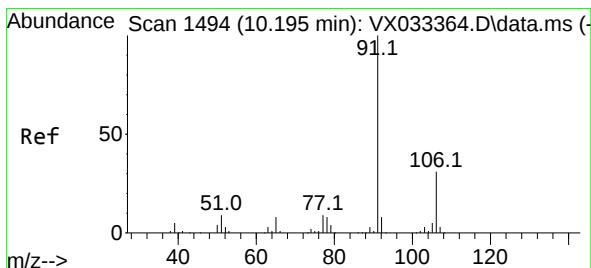
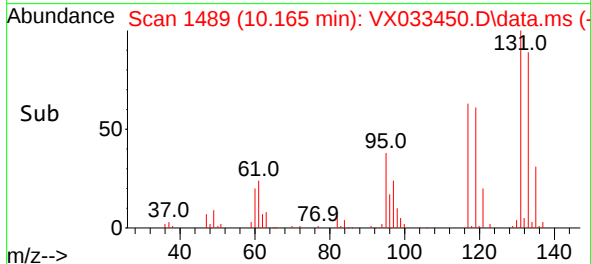
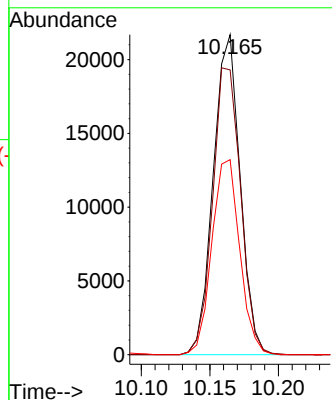
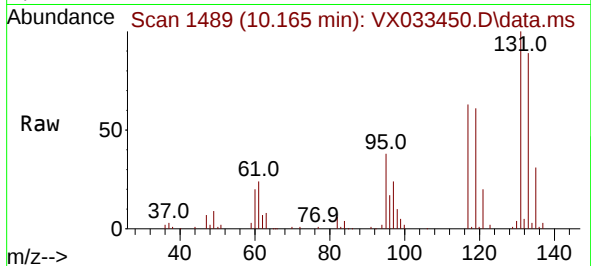
#65
1,1,1,2-Tetrachloroethane
Concen: 19.702 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 2957
Ion Ratio Lower Upper
131 100
133 93.7 0.0 187.6
119 63.3 0.0 124.2

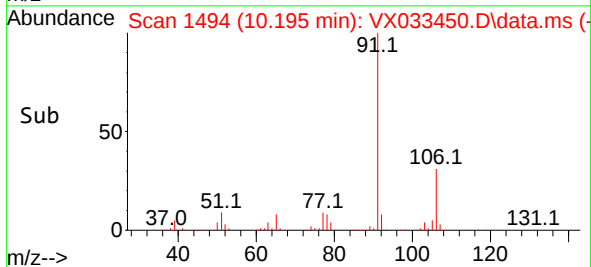
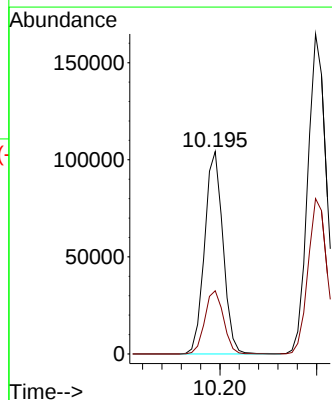
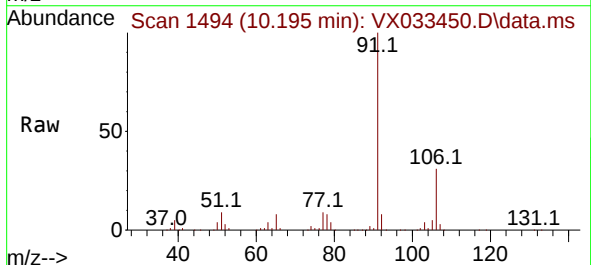
Manual Integrations
APPROVED

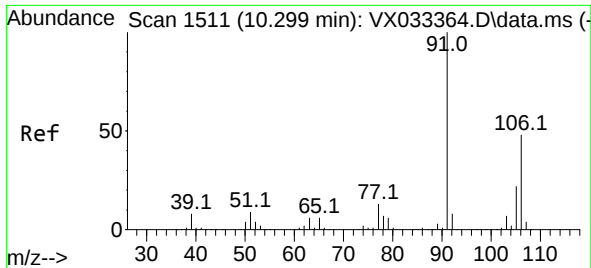
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#66
Ethyl Benzene
Concen: 20.399 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Tgt Ion: 91 Resp: 138117
Ion Ratio Lower Upper
91 100
106 31.2 24.8 37.2





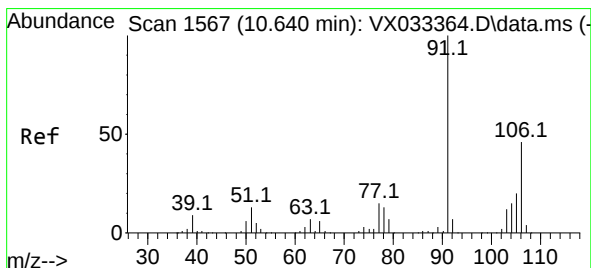
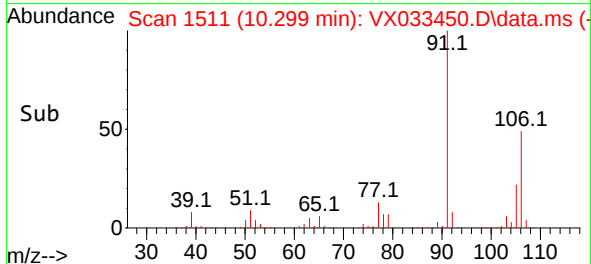
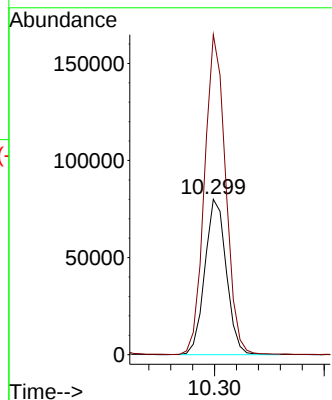
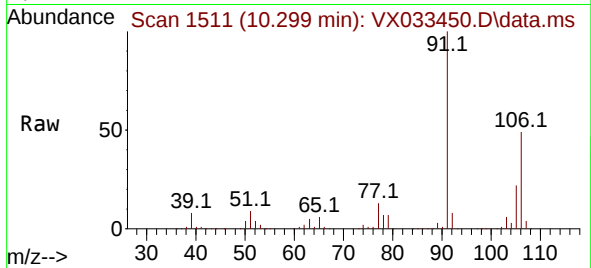
#67
m/p-Xylenes
Concen: 41.146 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 108900
Ion Ratio Lower Upper
106 100
91 203.2 165.4 248.2

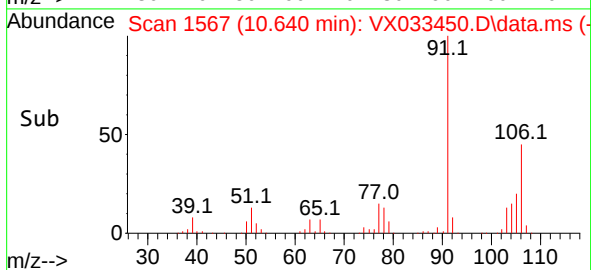
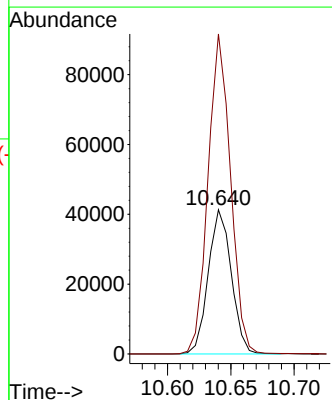
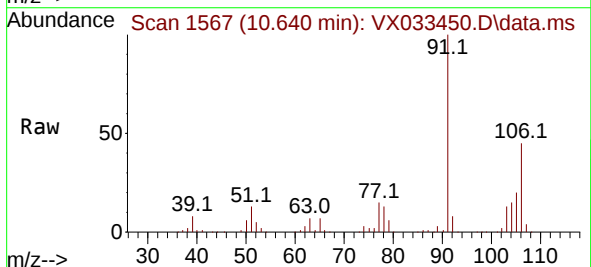
Manual Integrations
APPROVED

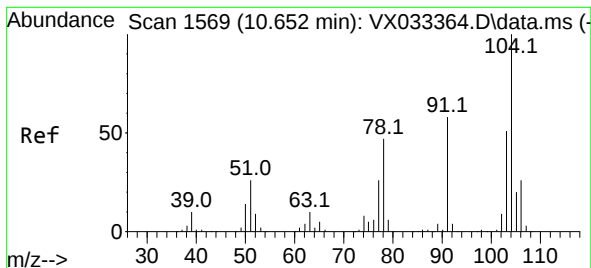
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#68
o-Xylene
Concen: 20.358 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Tgt Ion:106 Resp: 52499
Ion Ratio Lower Upper
106 100
91 216.6 108.0 324.0





#69

Styrene

Concen: 20.185 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

Instrument :

MSVOA_X

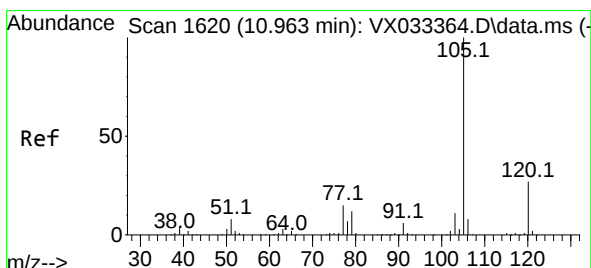
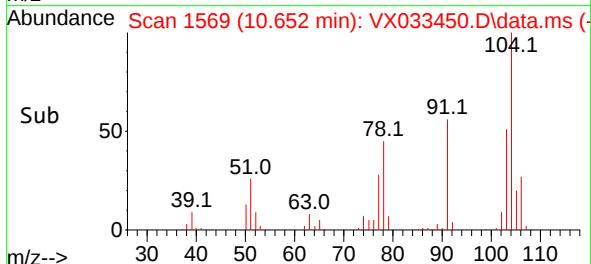
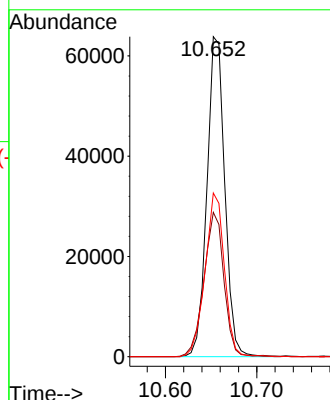
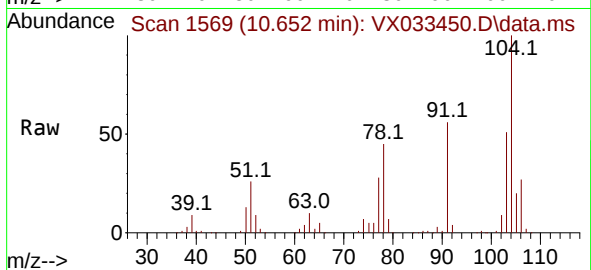
ClientSampleId :

VSTDCCC020

Tgt Ion:104 Resp: 8647
 Ion Ratio Lower Upper
 104 100
 78 50.5 40.0 60.0
 103 55.1 43.9 65.9

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022



#70

Isopropylbenzene

Concen: 20.360 ug/l

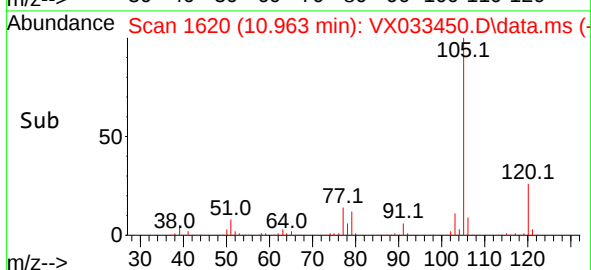
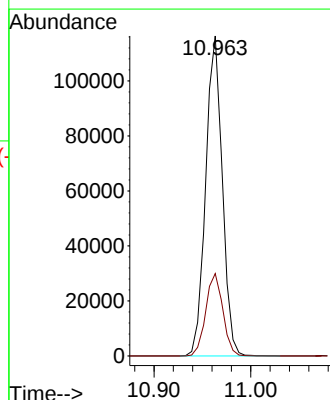
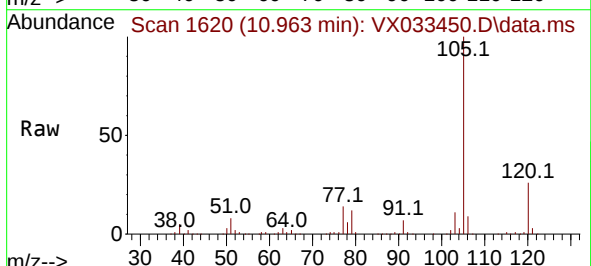
RT: 10.963 min Scan# 1620

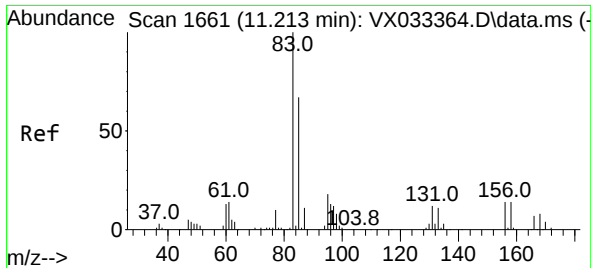
Delta R.T. -0.000 min

Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

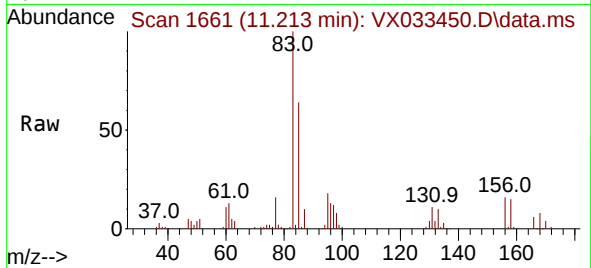
Tgt Ion:105 Resp: 139320
 Ion Ratio Lower Upper
 105 100
 120 26.4 18.1 33.7





#71
1,1,2,2-Tetrachloroethane
Concen: 21.275 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

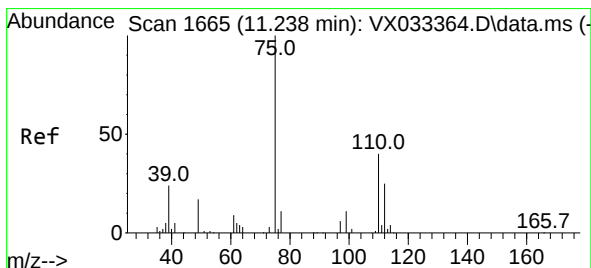
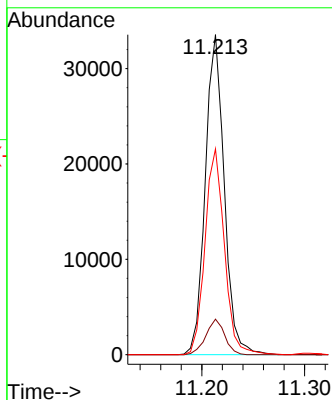
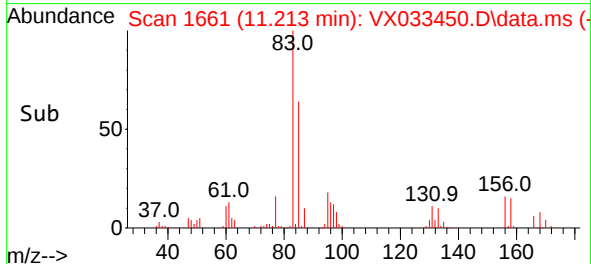
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



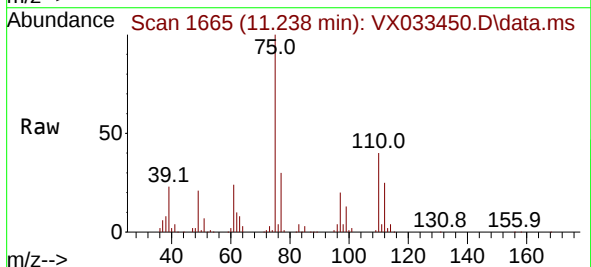
Tgt Ion: 83 Resp: 43058
Ion Ratio Lower Upper
83 100
131 11.0 5.4 16.2
85 65.8 32.6 97.7

Manual Integrations
APPROVED

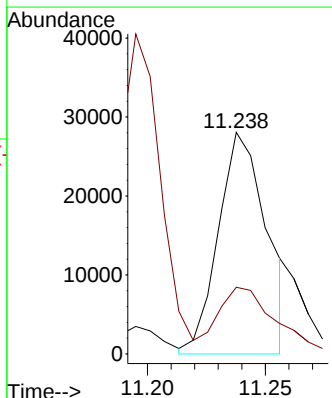
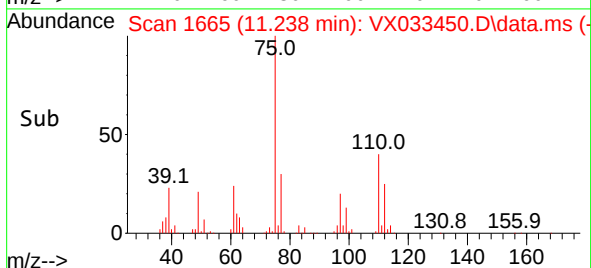
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

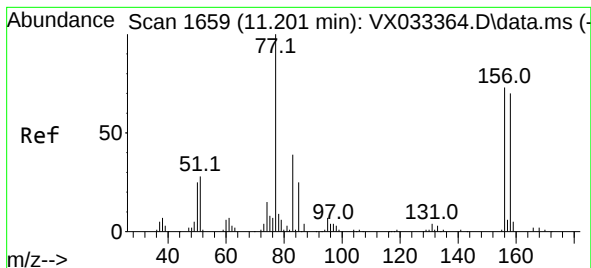


#72
1,2,3-Trichloropropane
Concen: 22.116 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17



Tgt Ion: 75 Resp: 39858
Ion Ratio Lower Upper
75 100
77 36.6 0.0 74.4





#73

Bromobenzene

Concen: 20.460 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

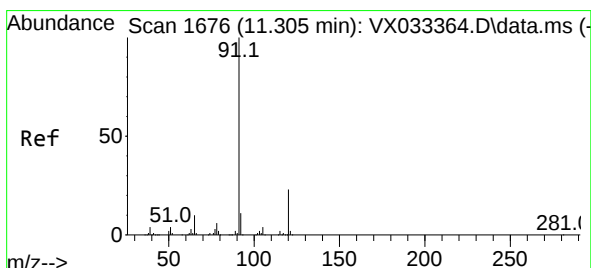
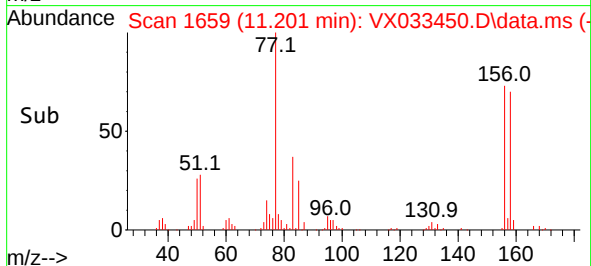
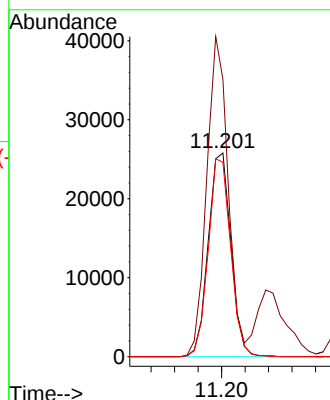
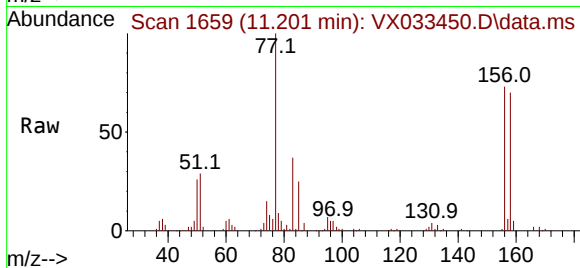
Tgt Ion:	156	Resp:	3464
Ion Ratio	Lower	Upper	
156	100		
77	147.2	0.0	298.6
158	95.7	0.0	193.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#74

n-propylbenzene

Concen: 20.671 ug/l

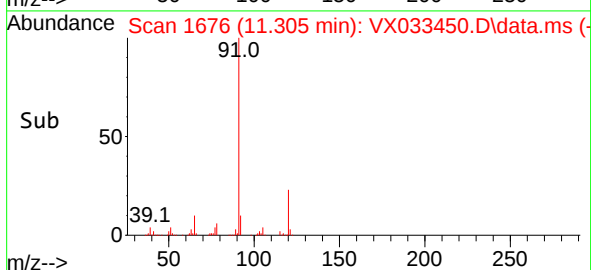
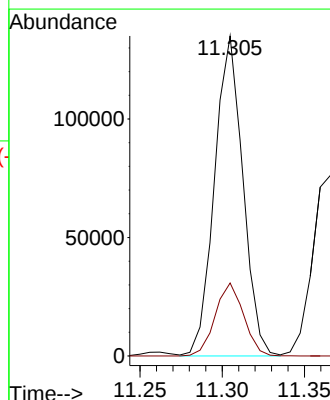
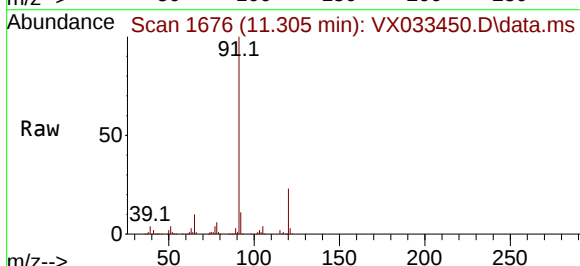
RT: 11.305 min Scan# 1676

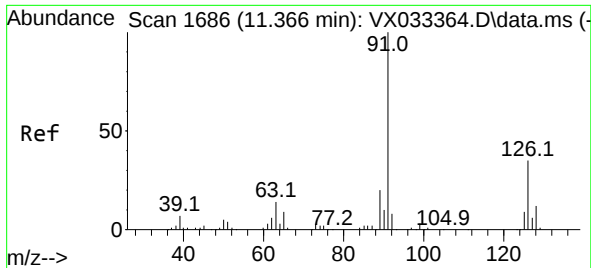
Delta R.T. -0.000 min

Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

Tgt Ion:	91	Resp:	162088
Ion Ratio	Lower	Upper	
91	100		
120	22.8	0.0	46.4





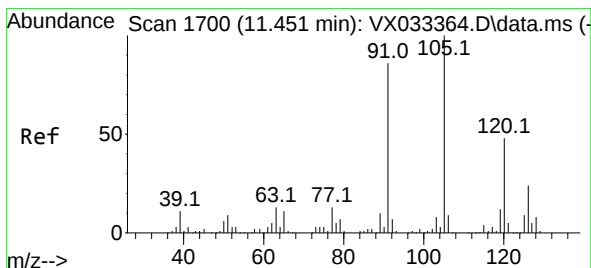
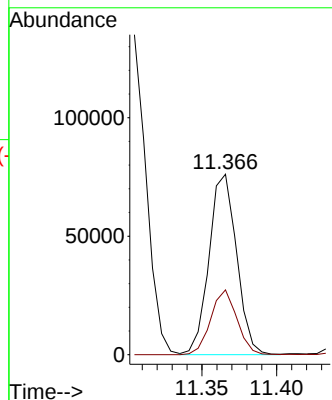
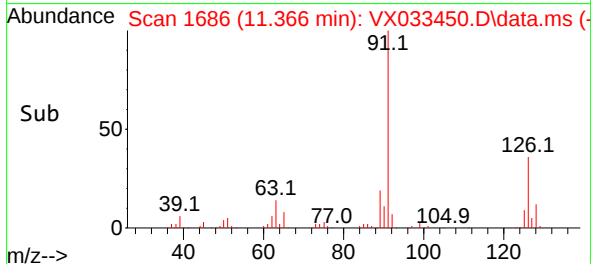
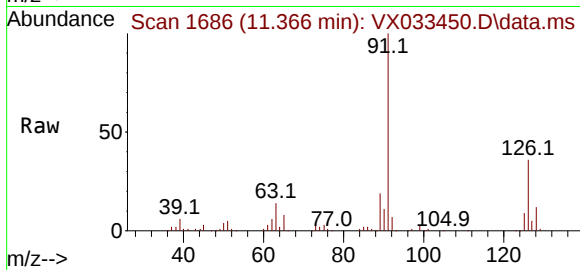
#75
2-Chlorotoluene
Concen: 20.766 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 9788
Ion Ratio Lower Upper
91 100
126 34.1 0.0 68.6

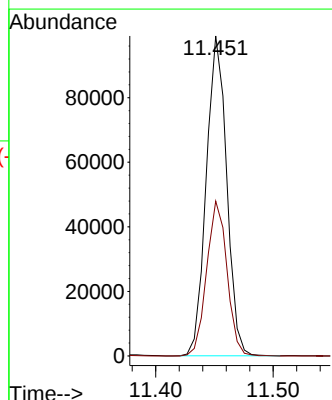
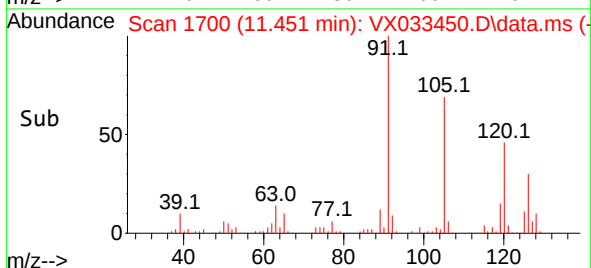
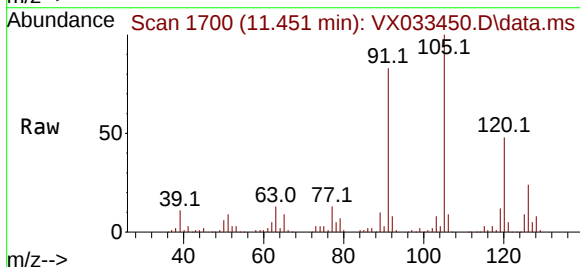
Manual Integrations
APPROVED

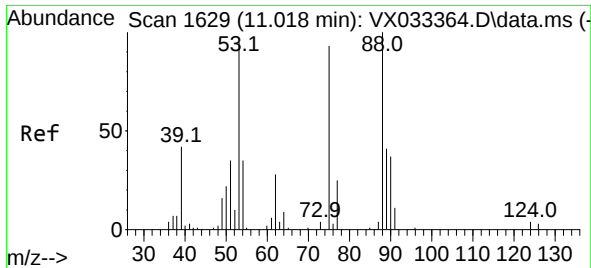
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.726 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Tgt Ion:105 Resp: 119233
Ion Ratio Lower Upper
105 100
120 48.2 0.0 96.2





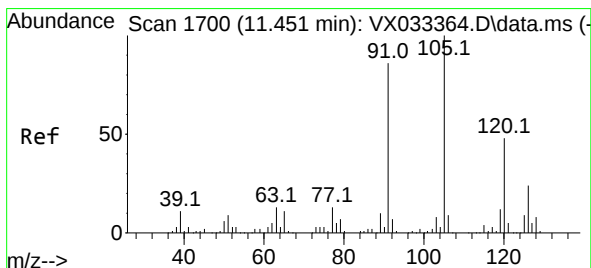
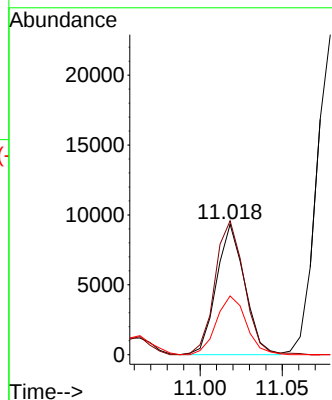
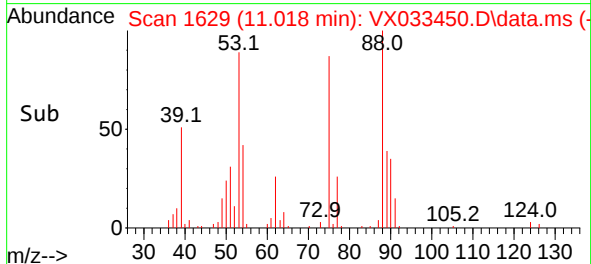
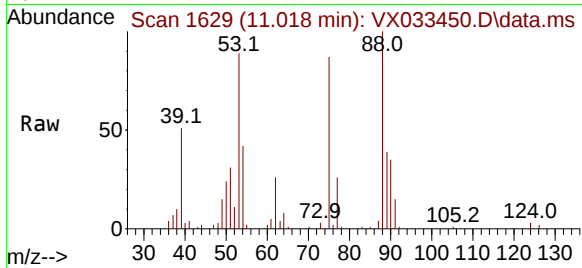
#77
t-1,4-Dichloro-2-butene
Concen: 18.624 ug/l
RT: 11.018 min Scan# 1116
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 1116
Ion Ratio Lower Upper
75 100
53 102.8 51.4 154.3
89 45.1 22.2 66.6

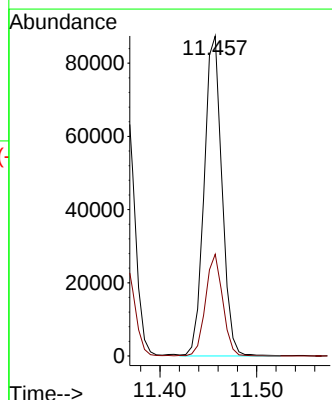
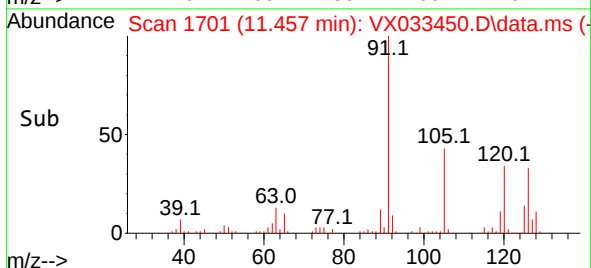
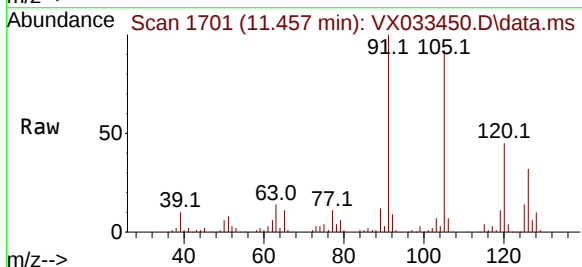
Manual Integrations
APPROVED

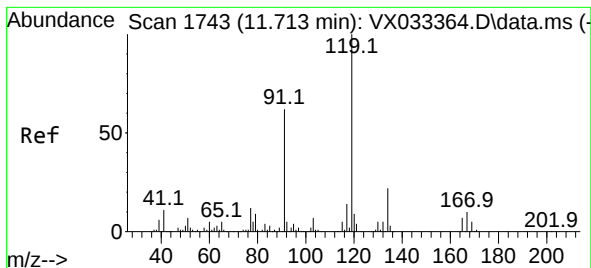
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#78
4-Chlorotoluene
Concen: 20.769 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

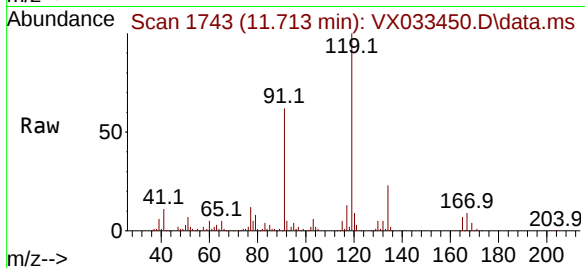
Tgt Ion: 91 Resp: 112182
Ion Ratio Lower Upper
91 100
126 30.3 0.0 59.4





#79
tert-butylbenzene
Concen: 20.500 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

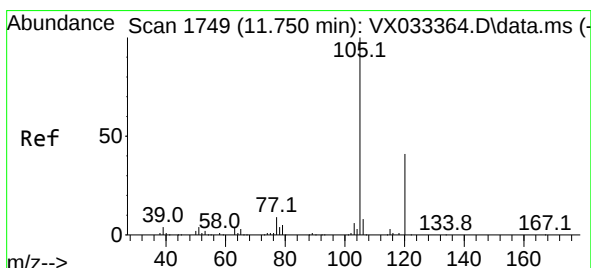
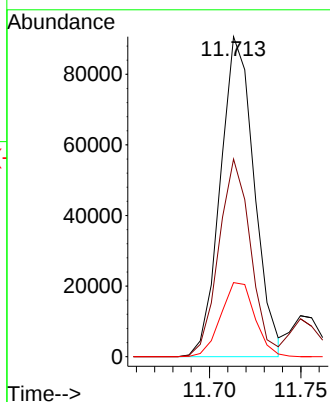
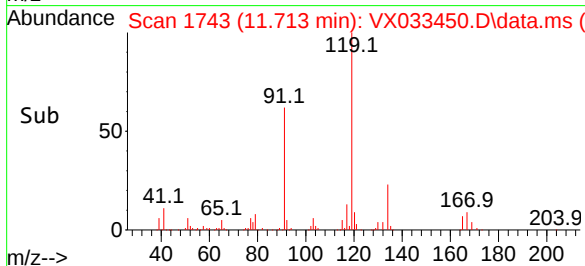
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



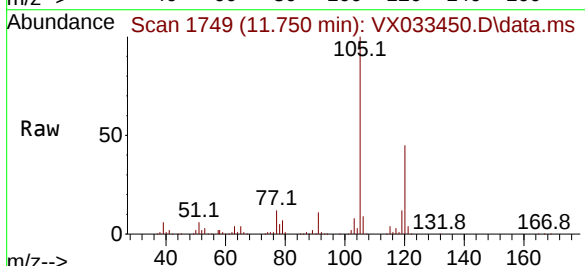
Tgt Ion:119 Resp: 116910
Ion Ratio Lower Upper
119 100
91 58.3 0.0 117.0
134 23.3 0.0 44.4

Manual Integrations
APPROVED

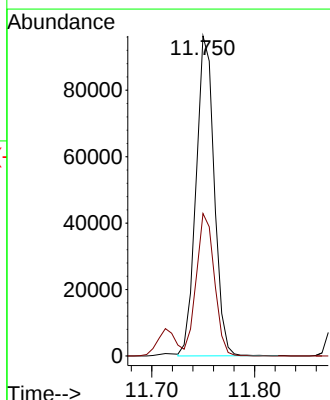
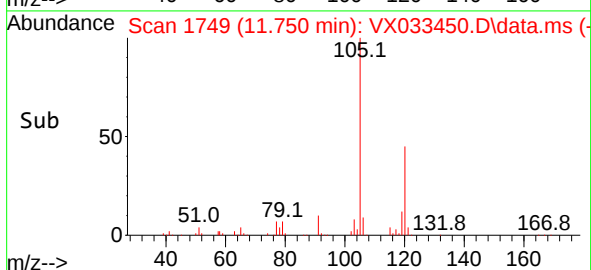
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

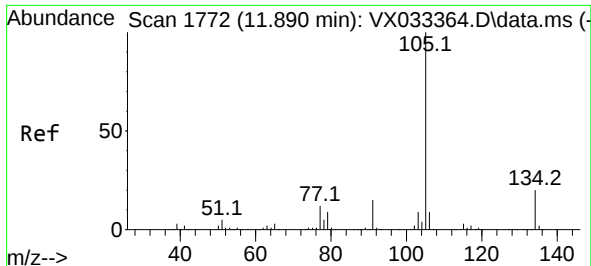


#80
1,2,4-Trimethylbenzene
Concen: 20.927 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17



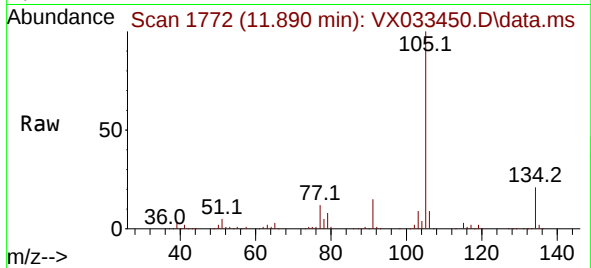
Tgt Ion:105 Resp: 118342
Ion Ratio Lower Upper
105 100
120 44.2 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 20.963 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033450.D
 Acq: 16 Dec 2022 10:17

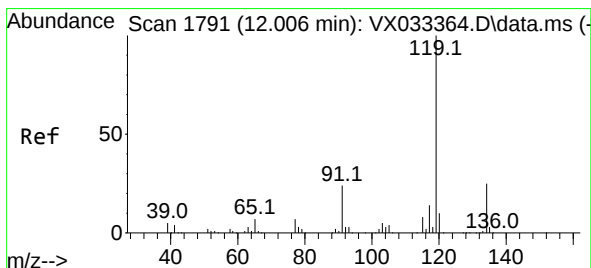
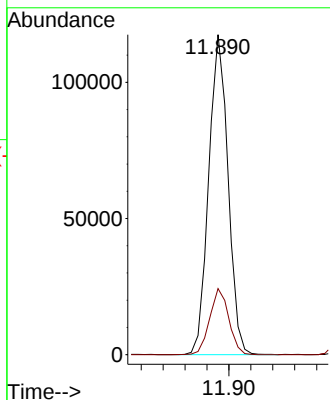
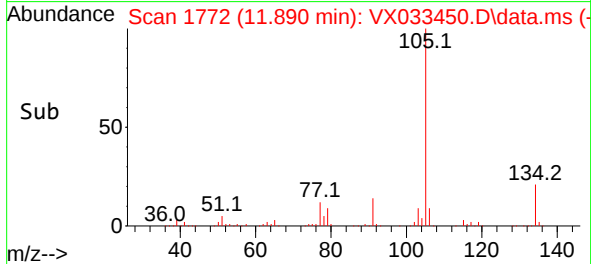
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



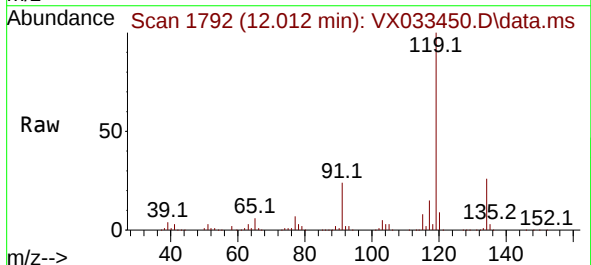
Tgt Ion:105 Resp: 14368
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 39.8

Manual Integrations
 APPROVED

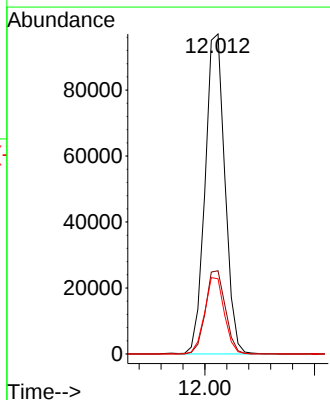
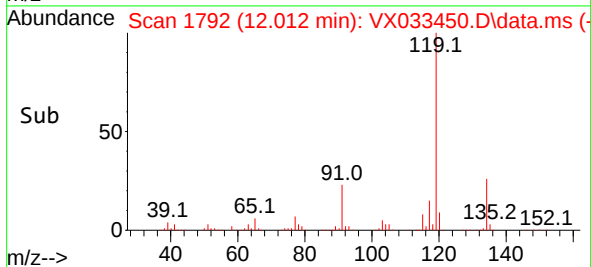
Reviewed By :John Carlone 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022

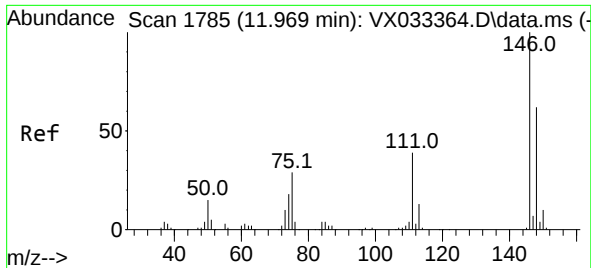


#82
 p-Isopropyltoluene
 Concen: 20.759 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX033450.D
 Acq: 16 Dec 2022 10:17



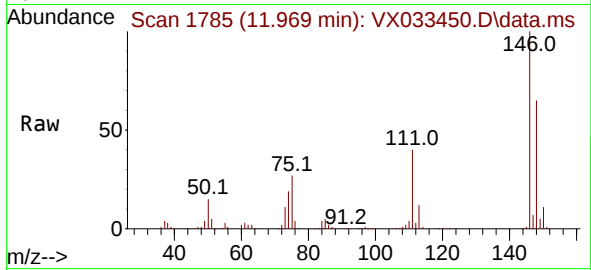
Tgt Ion:119 Resp: 121345
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.6
 91 23.8 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 20.944 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

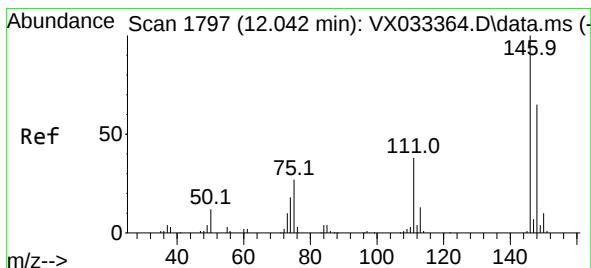
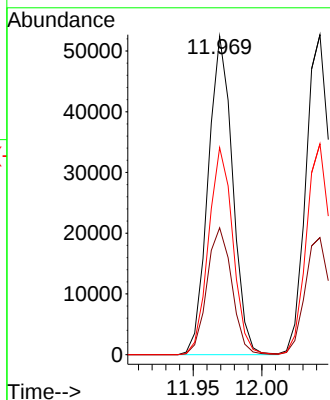
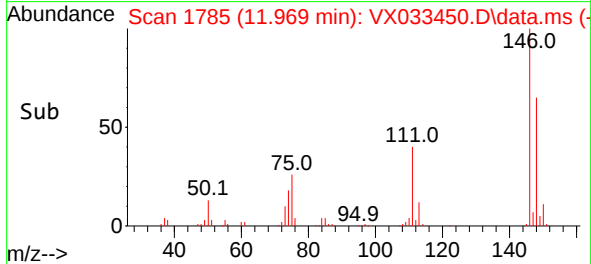
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



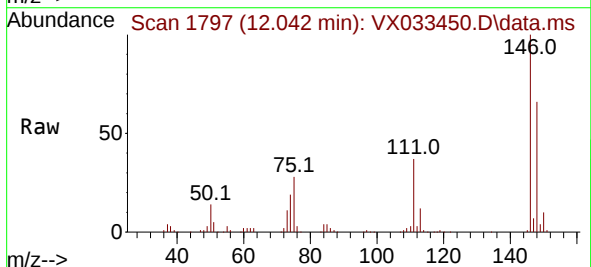
Tgt Ion:146 Resp: 65268
Ion Ratio Lower Upper
146 100
111 40.3 20.1 60.3
148 64.5 31.3 93.9

Manual Integrations
APPROVED

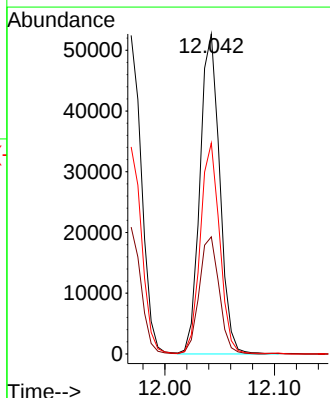
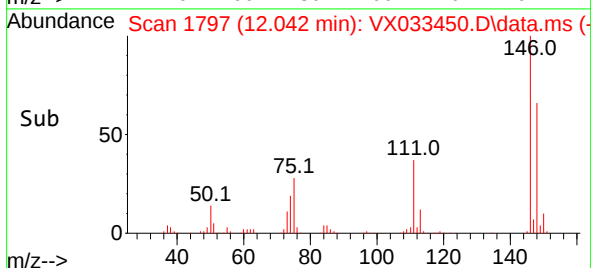
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

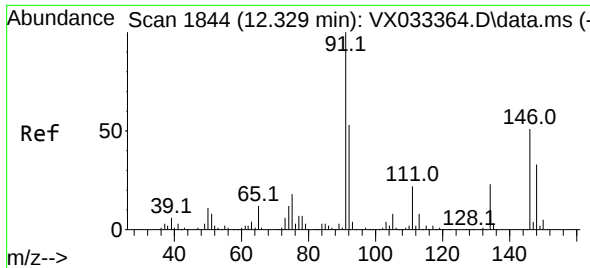


#84
1,4-Dichlorobenzene
Concen: 21.039 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17



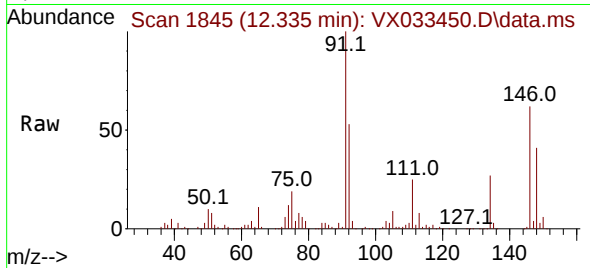
Tgt Ion:146 Resp: 65991
Ion Ratio Lower Upper
146 100
111 36.9 19.1 57.1
148 64.6 32.2 96.6





#85
n-Butylbenzene
Concen: 20.512 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

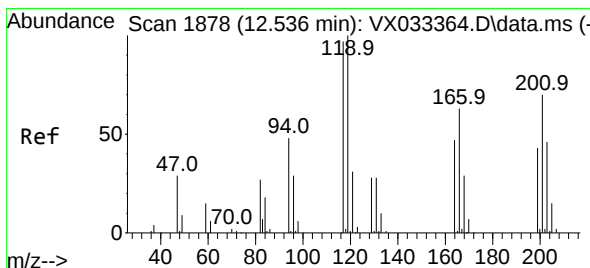
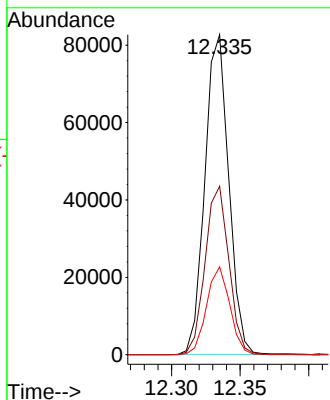
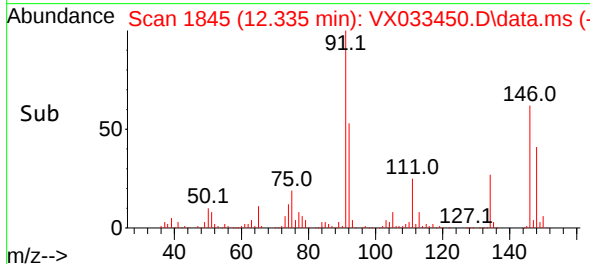
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 10008
Ion Ratio Lower Upper
91 100
92 52.6 0.0 106.8
134 26.7 0.0 51.8

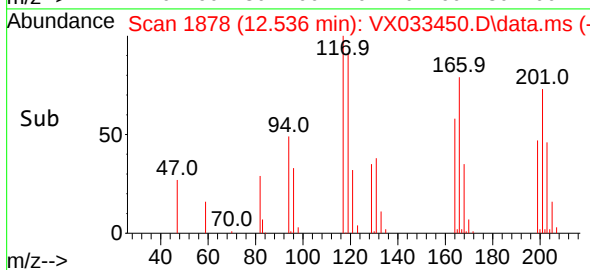
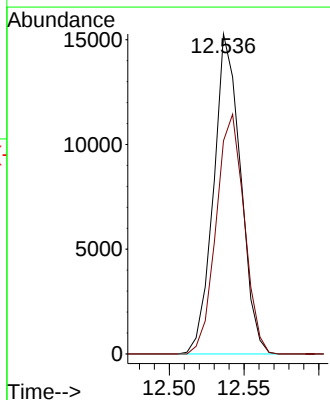
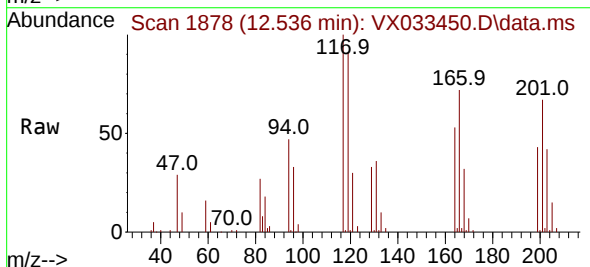
Manual Integrations
APPROVED

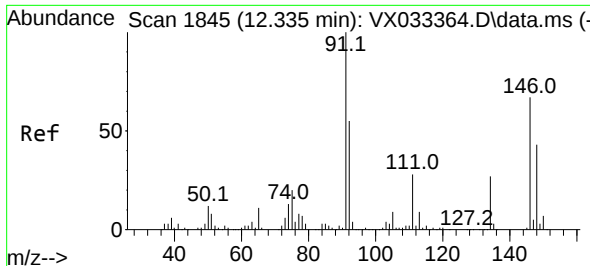
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#86
Hexachloroethane
Concen: 18.453 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

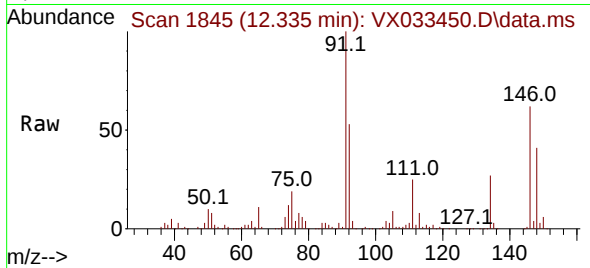
Tgt Ion:117 Resp: 19144
Ion Ratio Lower Upper
117 100
201 78.0 40.4 121.2





#87
1,2-Dichlorobenzene
Concen: 20.665 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

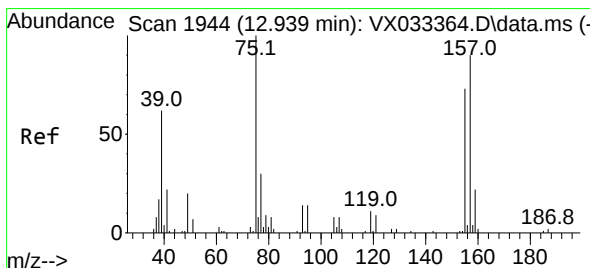
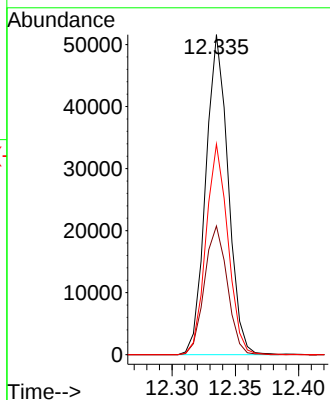
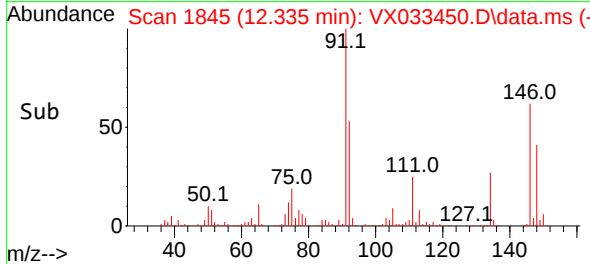
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



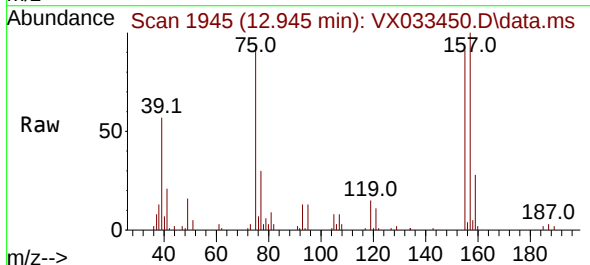
Tgt Ion:146 Resp: 63454
Ion Ratio Lower Upper
146 100
111 41.0 20.9 62.8
148 64.7 31.9 95.5

Manual Integrations
APPROVED

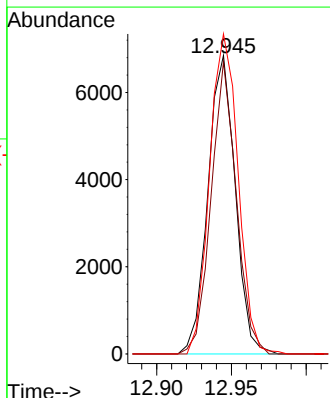
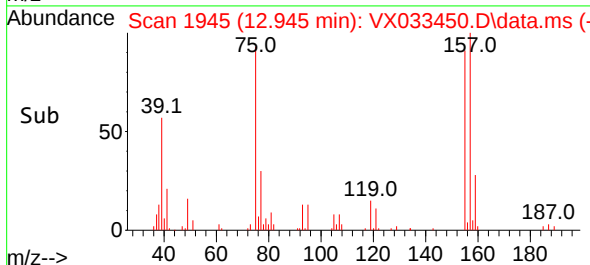
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

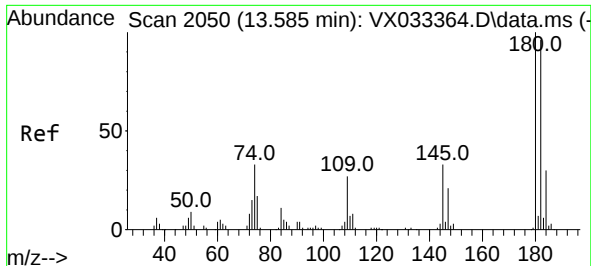


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.718 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17



Tgt Ion: 75 Resp: 8694
Ion Ratio Lower Upper
75 100
155 90.5 69.6 104.4
157 111.8 84.8 127.2





#89

1,2,4-Trichlorobenzene

Concen: 20.887 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

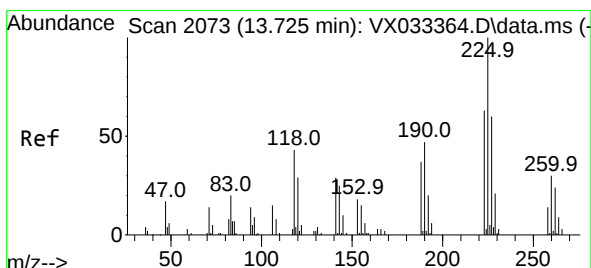
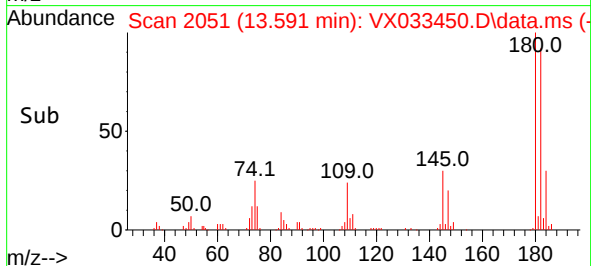
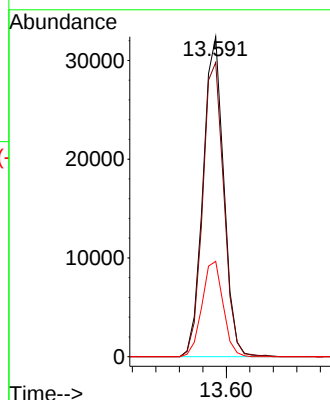
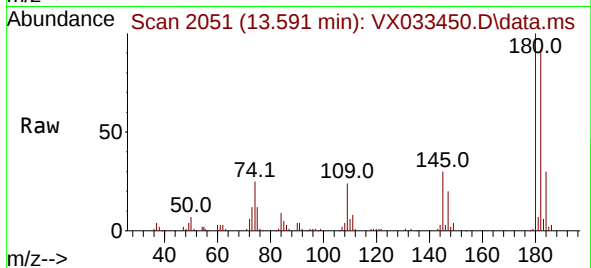
Tgt Ion:180	Resp:	39619
Ion Ratio	Lower	Upper
180	100	
182	93.7	78.4 117.6
145	30.4	25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#90

Hexachlorobutadiene

Concen: 21.705 ug/l

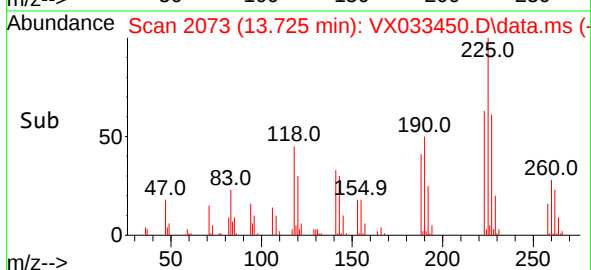
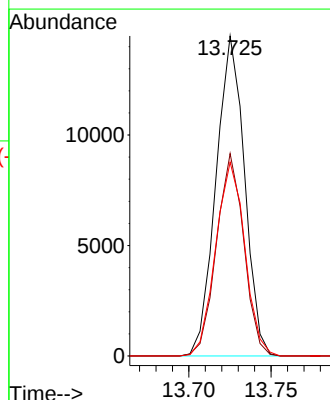
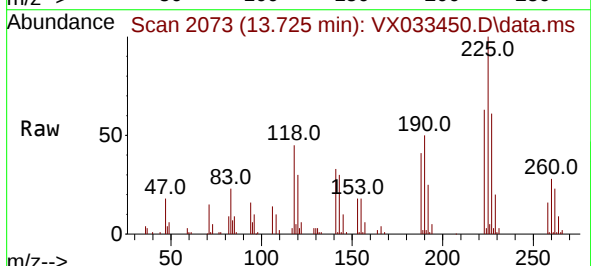
RT: 13.725 min Scan# 2073

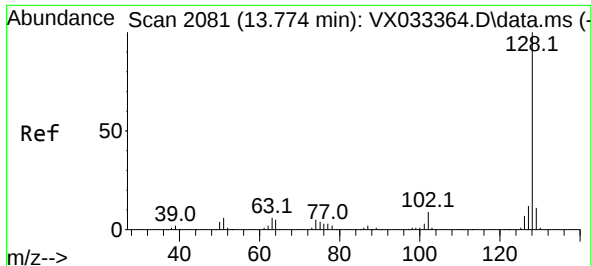
Delta R.T. -0.000 min

Lab File: VX033450.D

Acq: 16 Dec 2022 10:17

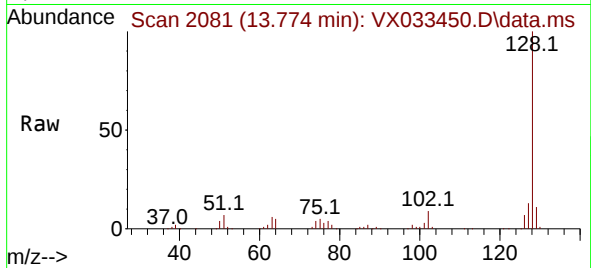
Tgt Ion:225	Resp:	17470
Ion Ratio	Lower	Upper
225	100	
223	60.6	0.0 125.6
227	61.9	0.0 125.4





#91
Naphthalene
Concen: 20.804 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

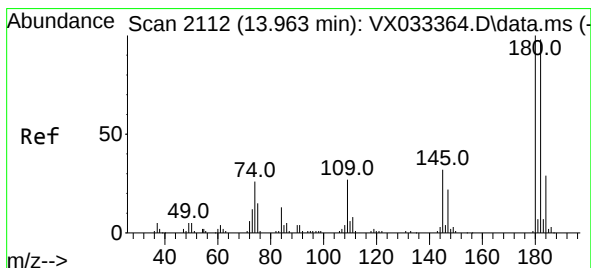
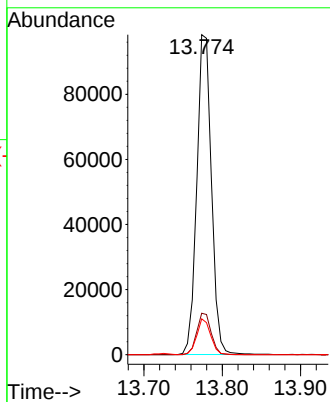
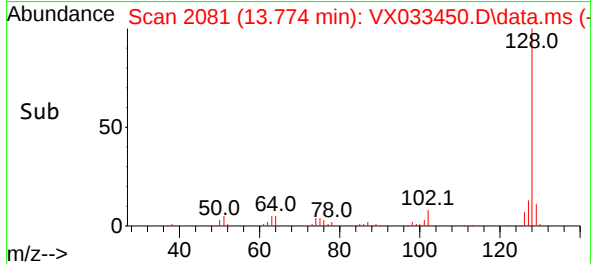
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 12771
Ion Ratio Lower Upper
128 100
127 12.7 9.9 14.9
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#92
1,2,3-Trichlorobenzene
Concen: 20.740 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033450.D
Acq: 16 Dec 2022 10:17

Tgt Ion:180 Resp: 39397
Ion Ratio Lower Upper
180 100
182 93.7 0.0 194.2
145 33.2 0.0 68.0

