

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121222\
 Data File : VX033378.D
 Acq On : 12 Dec 2022 16:58
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2022
 Supervised By : Mahesh Dadoda 12/13/2022

Quant Time: Dec 13 07:32:01 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	12565	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	87100	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	98427	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	34248	31.035	ug/l	-0.01
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.433%			
60) 4-Bromofluorobenzene	11.079	95	55533	30.463	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.533%			
63) Toluene-d8	8.647	98	98644	30.128	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.433%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19651	21.414	ug/l	93
3) Chloromethane	1.294	50	19018	20.538	ug/l	95
4) Vinyl Chloride	1.373	62	22679	20.412	ug/l	98
5) Bromomethane	1.611	94	14115	17.373	ug/l	97
6) Chloroethane	1.690	64	17898	21.788	ug/l	96
7) Trichlorofluoromethane	1.886	101	37791	16.684	ug/l	97
8) Diethyl Ether	2.129	74	11159	15.775	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	24797	21.561	ug/l	98
10) 1,1-Dichloroethene	2.325	96	22956	21.201	ug/l	95
11) Methyl Iodide	2.453	142	20554	16.713	ug/l	99
12) Methyl Acetate	2.703	43	31493	20.624	ug/l	100
13) Acrolein	2.239	56	18539	76.744	ug/l	97
14) Acrylonitrile	3.062	53	56064	101.010	ug/l	99
15) Acetone	2.379	58	15995	83.838	ug/l	94
16) Carbon Disulfide	2.514	76	57335	19.654	ug/l	99
17) Allyl chloride	2.666	41	34616	19.476	ug/l	95
18) Methylene Chloride	2.788	84	25935	20.637	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	25506	20.220	ug/l	95
20) Diisopropyl ether	3.757	45	76295	20.399	ug/l	90
21) 1,1-Dichloroethane	3.605	63	45044	20.418	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	30528	20.848	ug/l	96
23) tert-Butyl Alcohol	2.971	59	19503	82.344	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	78510	20.038	ug/l	99
25) Chloroform	5.092	83	51333	20.448	ug/l	100
26) Cyclohexane	5.470	56	39976	20.718	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	35351	20.081	ug/l	97
30) 2-Butanone	4.550	43	78023	94.814	ug/l	99
31) 2,2-Dichloropropane	4.477	77	34864	18.845	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	46137	20.303	ug/l	99
33) Carbon Tetrachloride	5.671	117	42035	20.229	ug/l	94
34) Benzene	6.037	78	103307	20.478	ug/l	98
35) Methacrylonitrile	4.916	41	17434	20.673	ug/l	96
36) 1,2-Dichloroethane	6.086	62	41766	21.538	ug/l #	77
37) Trichloroethene	7.122	130	30029	20.963	ug/l	95
38) Methylcyclohexane	7.378	83	42492	20.485	ug/l	99
39) 1,2-Dichloropropane	7.427	63	26041	20.702	ug/l	98
40) Dibromomethane	7.574	93	20173	20.959	ug/l	98
41) Bromodichloromethane	7.817	83	40158	20.361	ug/l	96
42) Vinyl Acetate	3.715	43	291576	102.342	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	31513	21.298	ug/l	98
44) Isopropyl Acetate	6.336	43	50493	20.102	ug/l	99
45) 1,4-Dioxane	7.677	88	9360	318.156	ug/l #	90
46) Methyl methacrylate	7.689	41	26333	21.047	ug/l	99
47) n-amyl Acetate	10.841	43	45192	21.439	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	38845	19.635	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	42352	19.945	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	29150	21.901	ug/l	97
51) Ethyl methacrylate	9.116	69	40066	21.068	ug/l	99
52) 1,3-Dichloropropane	9.305	76	46033	21.180	ug/l	98
53) Dibromochloromethane	9.518	129	32756	20.478	ug/l	99
54) 1,2-Dibromoethane	9.610	107	31156	21.384	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	92768	103.894	ug/l	99
56) Bromoform	10.799	173	22894	19.829	ug/l	99
58) 4-Methyl-2-Pentanone	8.567	43	164908	103.608	ug/l	100
59) 2-Hexanone	9.427	43	123083	101.128	ug/l	99
61) Tetrachloroethene	9.274	164	27108	20.567	ug/l	99
62) Toluene	8.714	91	121289	20.301	ug/l	98
64) Chlorobenzene	10.079	112	77668	20.550	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	29673	19.881	ug/l	99
66) Ethyl Benzene	10.195	91	139840	20.772	ug/l	98
67) m/p-Xylenes	10.299	106	109239	41.513	ug/l	97
68) o-Xylene	10.640	106	52646	20.533	ug/l	100
69) Styrene	10.652	104	87914	20.640	ug/l	99
70) Isopropylbenzene	10.963	105	142836	20.994	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	42092	20.919	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	36502m	20.371	ug/l	
73) Bromobenzene	11.195	156	35095	20.848	ug/l	99
74) n-propylbenzene	11.305	91	161792	20.752	ug/l	99
75) 2-Chlorotoluene	11.366	91	97586	20.823	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	119868	20.956	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	9360	15.710	ug/l	95
78) 4-Chlorotoluene	11.451	91	112547	20.957	ug/l	99
79) tert-butylbenzene	11.713	119	119050	20.996	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	119468	21.249	ug/l	99
81) sec-Butylbenzene	11.890	105	144173	21.156	ug/l	99
82) p-Isopropyltoluene	12.012	119	123130	21.187	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	65390	21.105	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	64018	20.528	ug/l	98
85) n-Butylbenzene	12.335	91	100451	20.707	ug/l	99
86) Hexachloroethane	12.536	117	18098	17.545	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	64488	21.123	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.938	75	8094	18.463	ug/l	94
89) 1,2,4-Trichlorobenzene	13.591	180	39301	20.839	ug/l	97
90) Hexachlorobutadiene	13.725	225	16881	21.095	ug/l	98
91) Naphthalene	13.774	128	126019	20.646	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	39137	20.722	ug/l	97

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

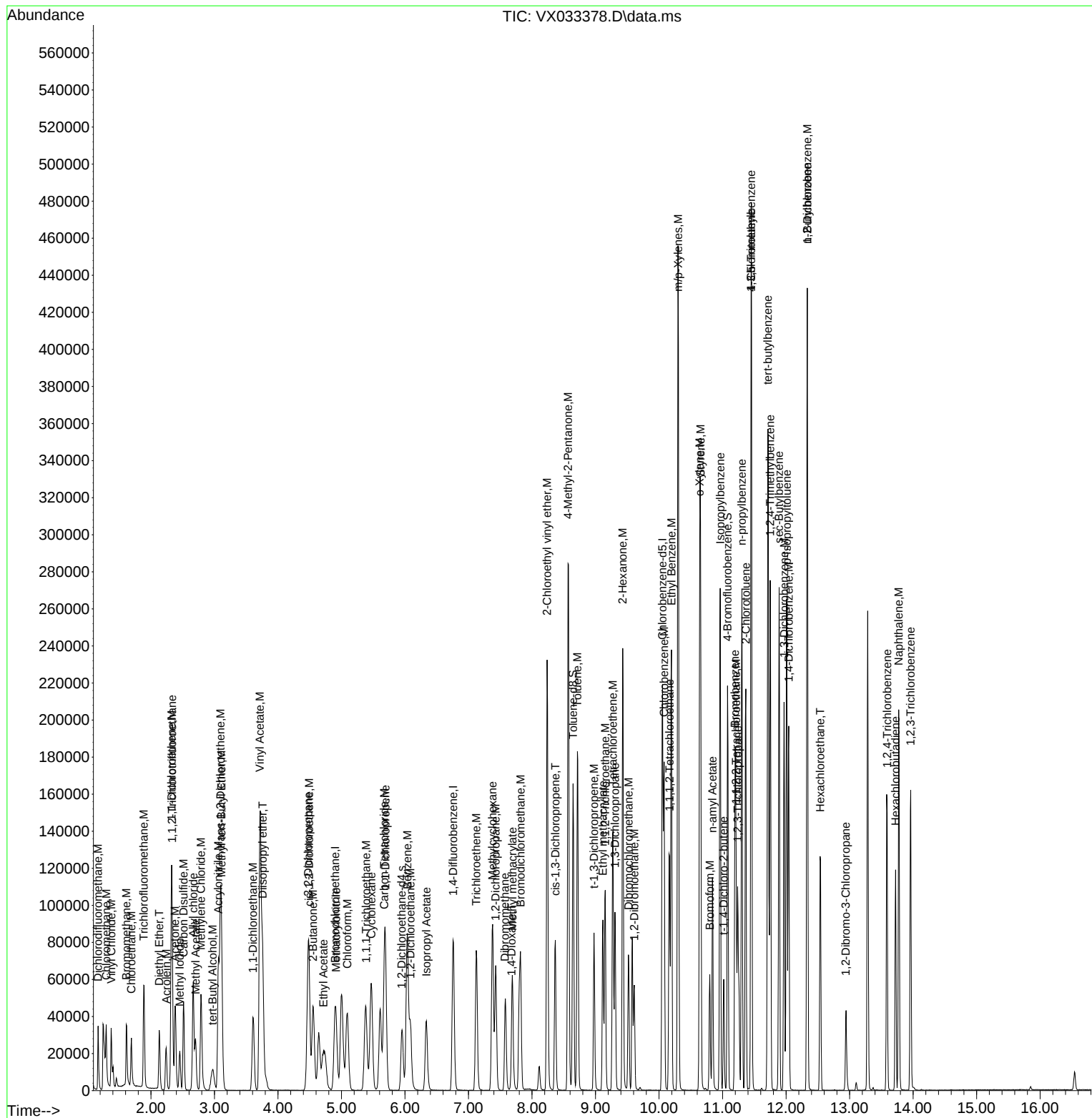
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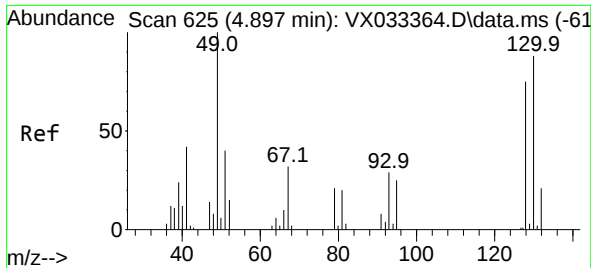
Instrument :
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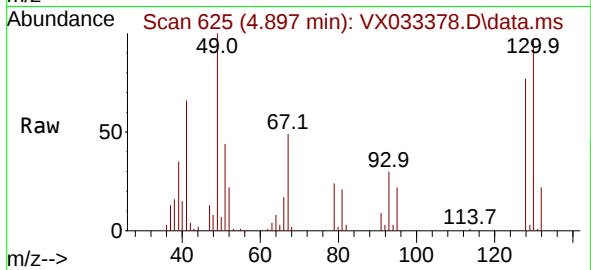
Reviewed By : John Carlone 12/13/2022
 Supervised By : Mahesh Dadoda 12/13/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

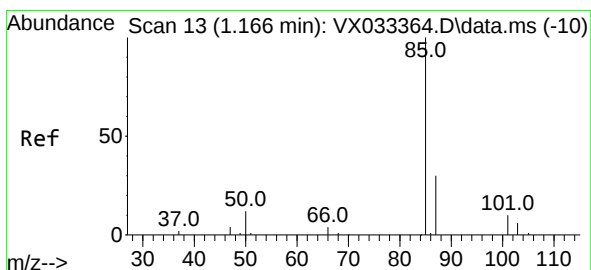
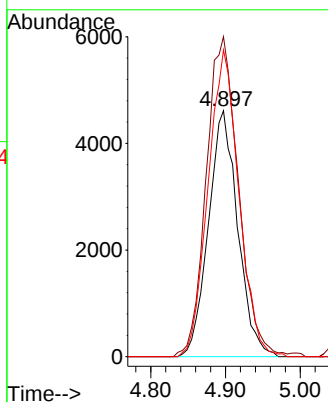
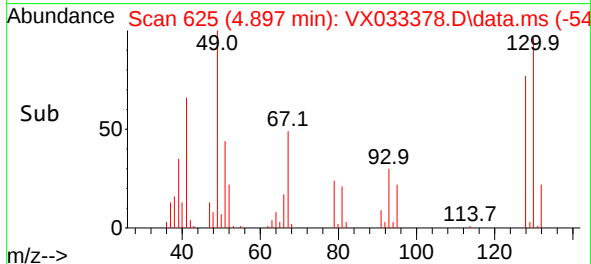
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 1256
Ion Ratio Lower Upper
128 100
49 142.7 0.0 339.5
130 130.8 0.0 318.0

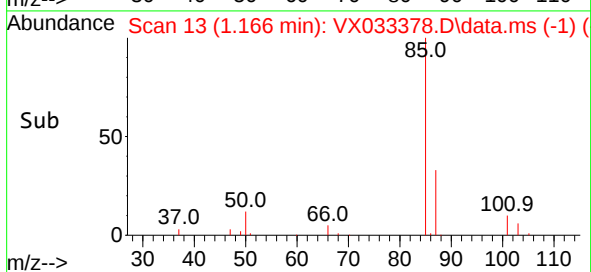
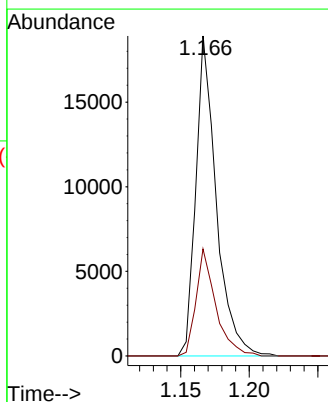
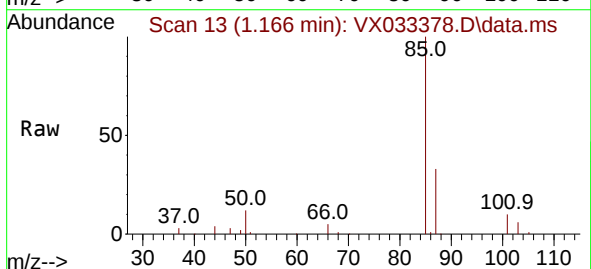
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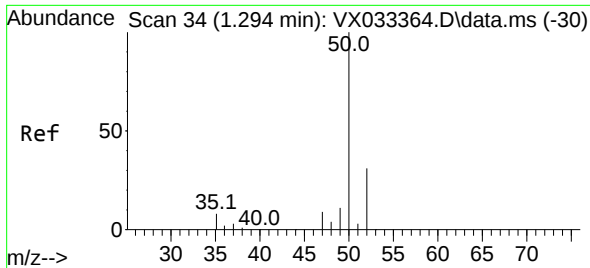
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#2
Dichlorodifluoromethane
Concen: 21.414 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Tgt Ion: 85 Resp: 19651
Ion Ratio Lower Upper
85 100
87 33.4 14.9 44.7





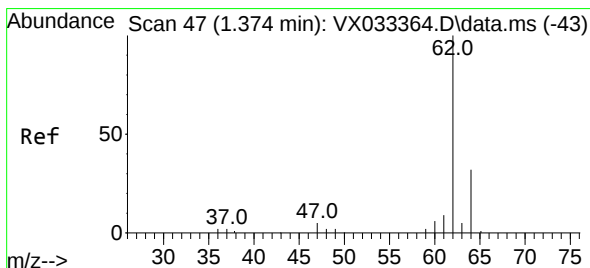
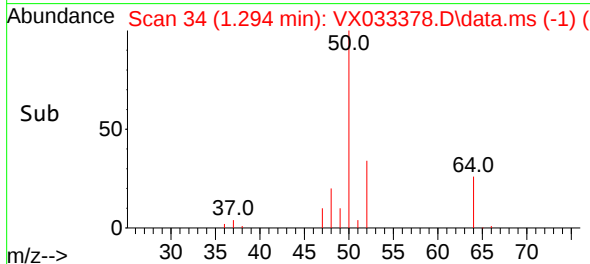
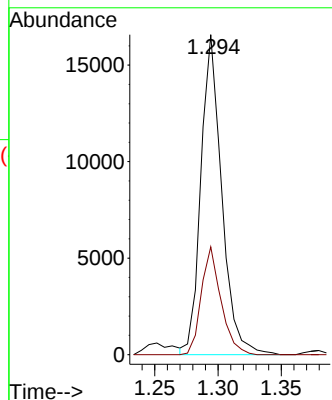
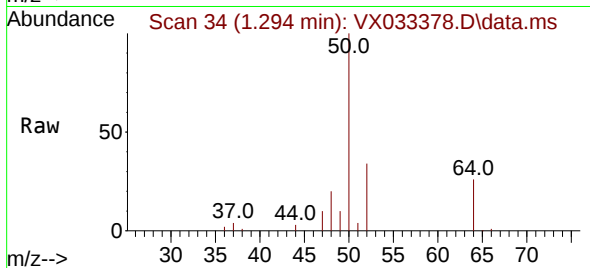
#3
Chloromethane
Concen: 20.538 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 19018
Ion Ratio Lower Upper
50 100
52 33.7 24.6 36.8

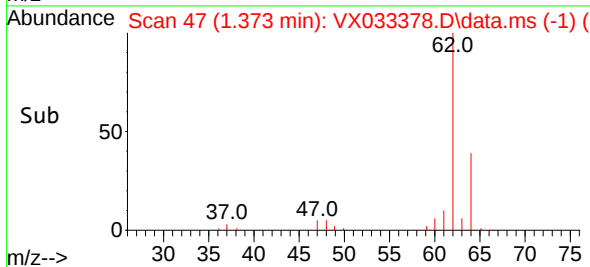
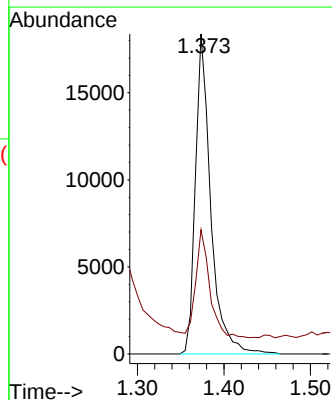
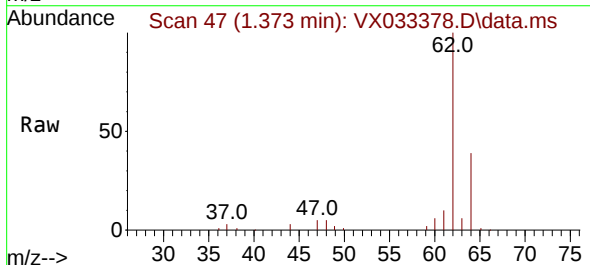
Manual Integrations
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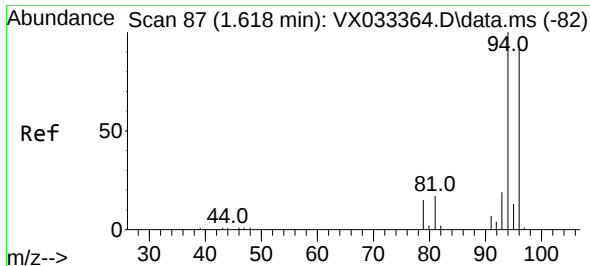
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#4
Vinyl Chloride
Concen: 20.412 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Tgt Ion: 62 Resp: 22679
Ion Ratio Lower Upper
62 100
64 33.3 25.9 38.9





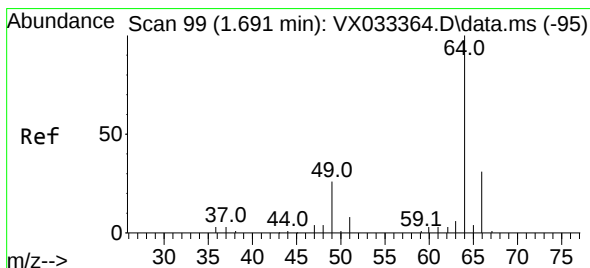
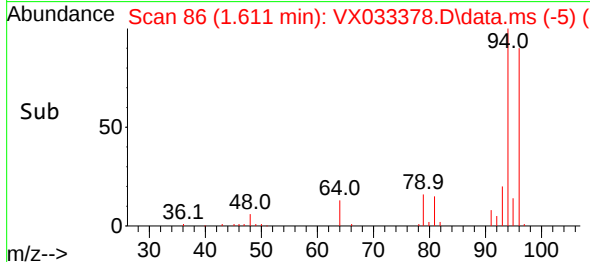
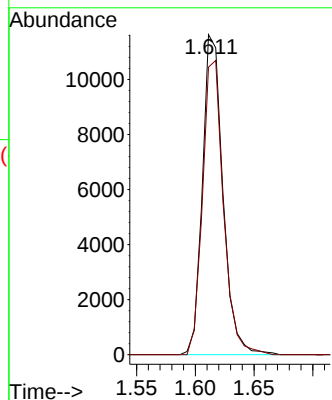
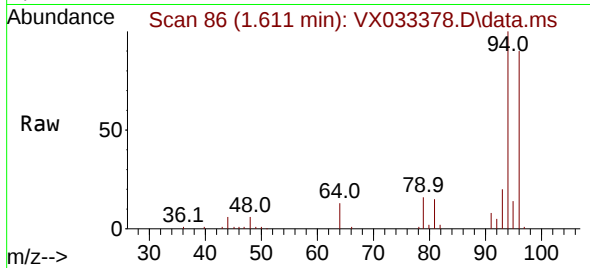
#5
Bromomethane
Concen: 17.373 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 94 Resp: 1411
Ion Ratio Lower Upper
94 100
96 89.9 74.2 111.2

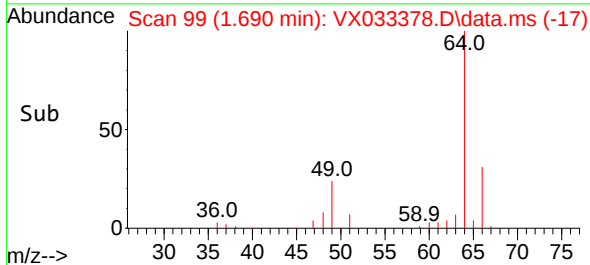
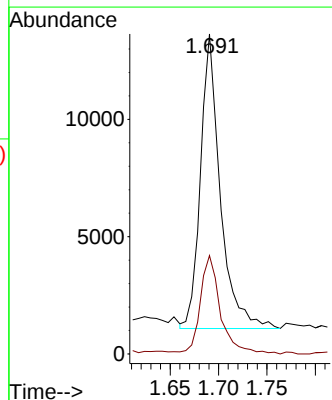
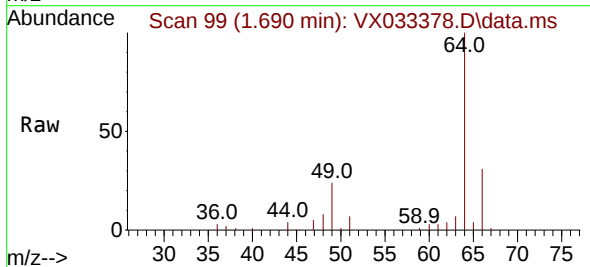
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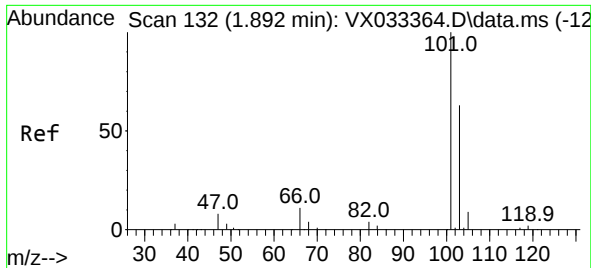
Reviewed By :John Carlone 12/13/2022
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#6
Chloroethane
Concen: 21.788 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Tgt Ion: 64 Resp: 17898
Ion Ratio Lower Upper
64 100
66 33.4 24.8 37.2





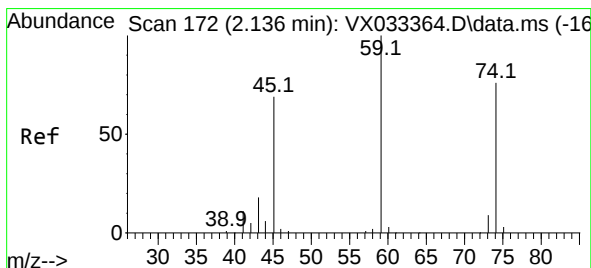
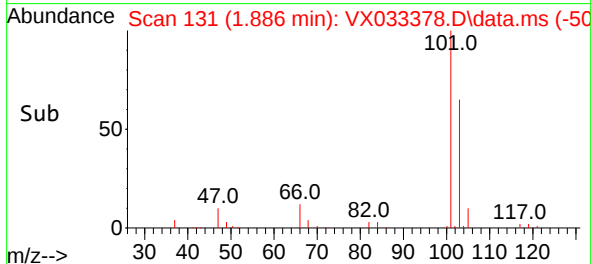
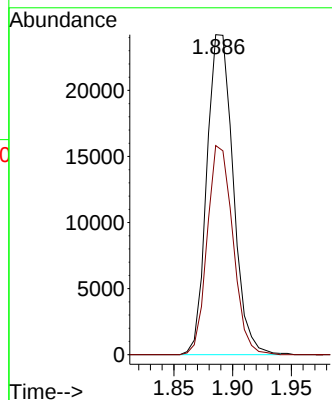
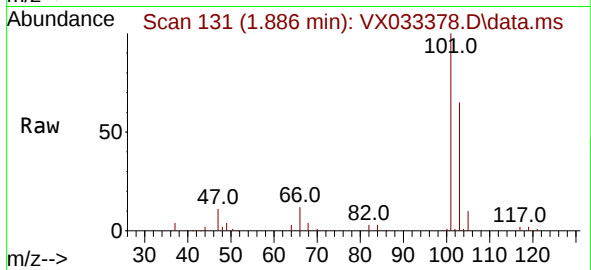
#7
 Trichlorofluoromethane
 Concen: 16.684 ug/l
 RT: 1.886 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: VX033378.D
 Acq: 12 Dec 2022 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:101 Resp: 3779
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.3 75.5

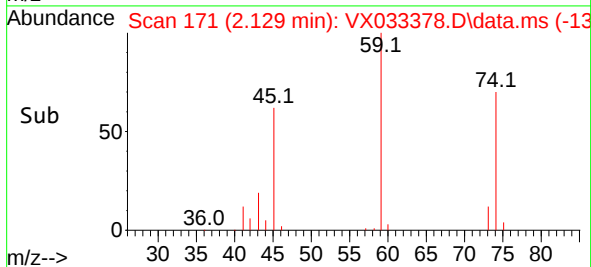
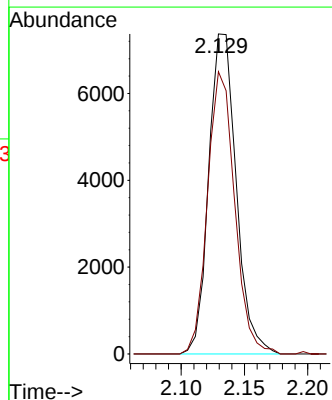
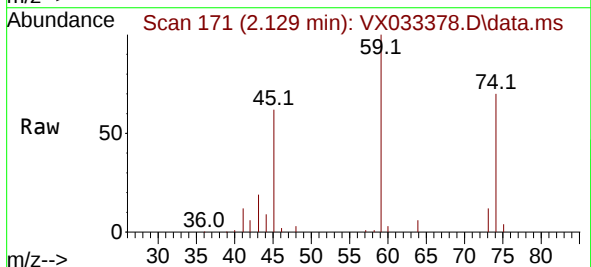
Manual Integrations
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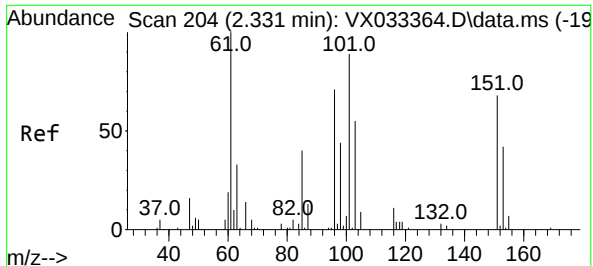
Reviewed By :John Carlone 12/13/2022
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#8
 Diethyl Ether
 Concen: 15.775 ug/l
 RT: 2.129 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX033378.D
 Acq: 12 Dec 2022 16:58

Tgt Ion: 74 Resp: 11159
 Ion Ratio Lower Upper
 74 100
 45 87.0 18.0 161.8





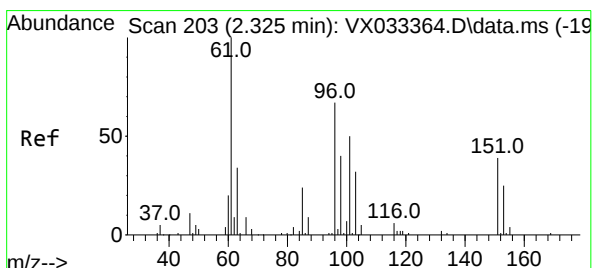
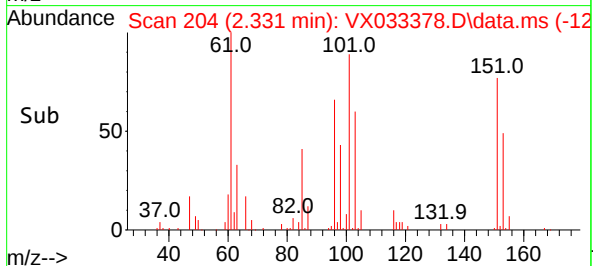
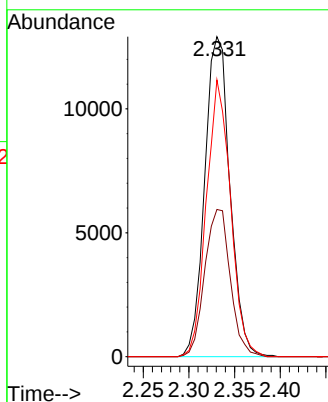
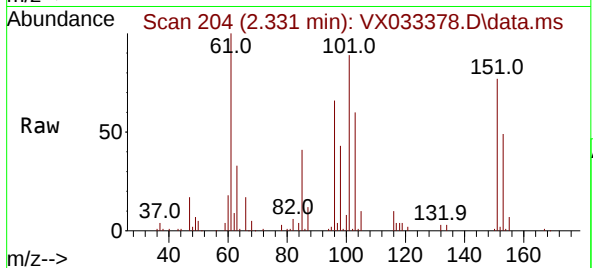
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.561 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

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ClientSampleId :
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Tgt Ion:101 Resp: 2479
Ion Ratio Lower Upper
101 100
85 46.6 0.0 88.8
151 82.8 0.0 162.2

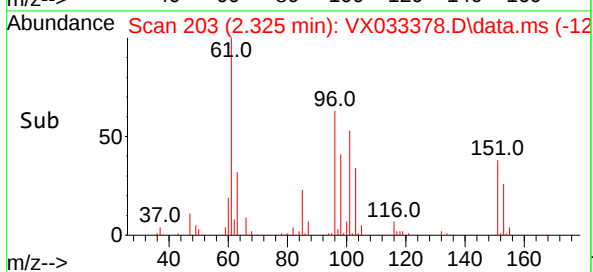
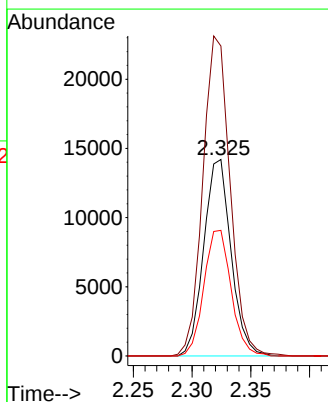
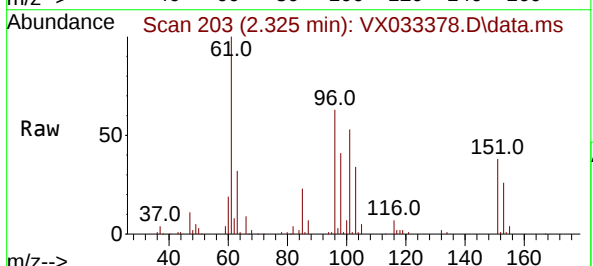
Manual Integrations
APPROVED

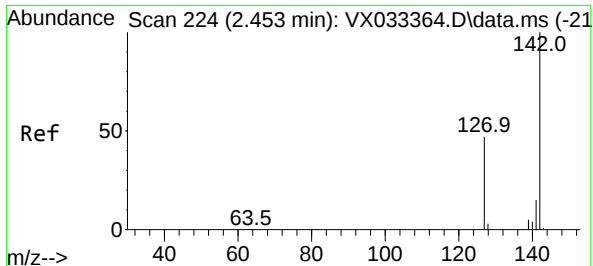
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#10
1,1-Dichloroethene
Concen: 21.201 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Tgt Ion: 96 Resp: 22956
Ion Ratio Lower Upper
96 100
61 156.9 120.5 180.7
98 63.9 47.8 71.6





#11

Methyl Iodide

Concen: 16.713 ug/l

RT: 2.453 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

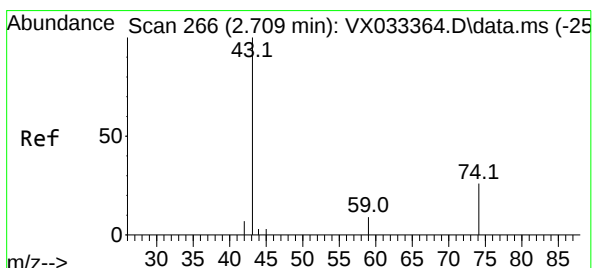
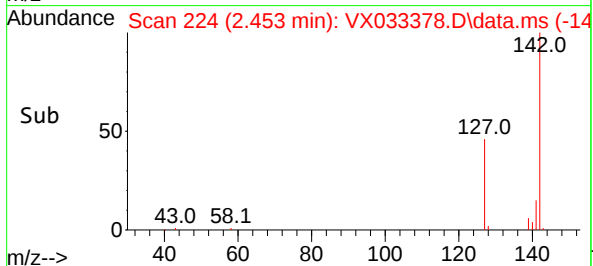
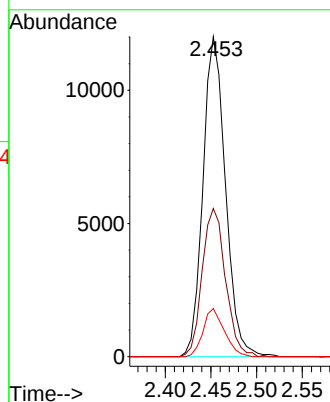
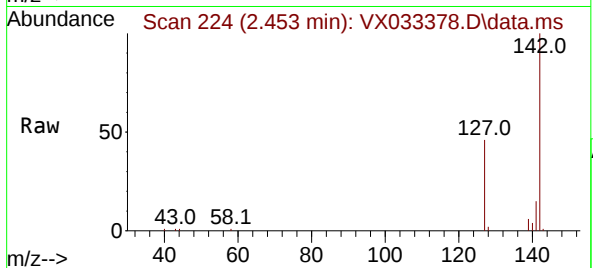
Tgt Ion:142 Resp: 20554
 Ion Ratio Lower Upper
 142 100
 127 46.3 23.4 70.3
 141 15.0 7.8 23.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#12

Methyl Acetate

Concen: 20.624 ug/l

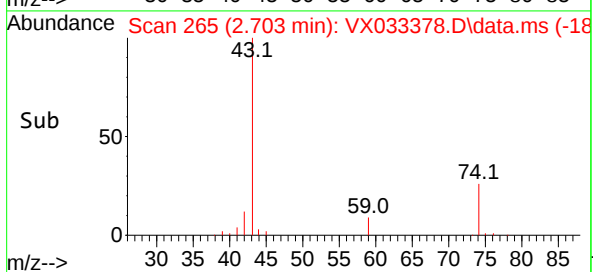
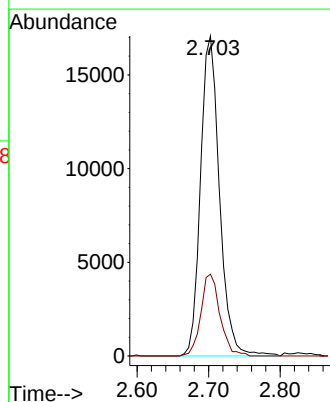
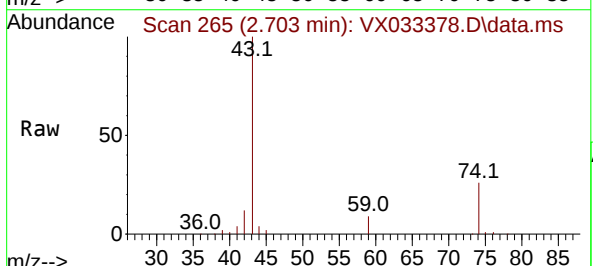
RT: 2.703 min Scan# 265

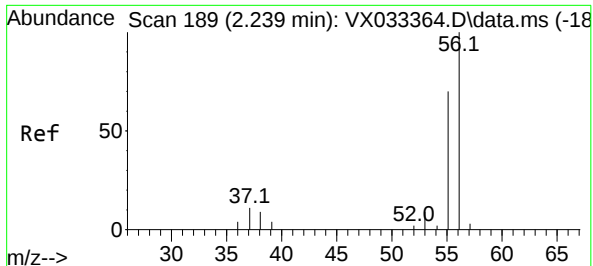
Delta R.T. -0.006 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

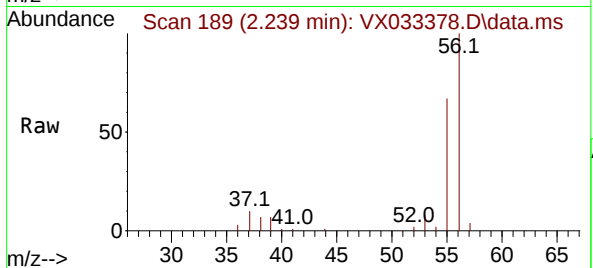
Tgt Ion: 43 Resp: 31493
 Ion Ratio Lower Upper
 43 100
 74 25.6 20.6 31.0





#13
Acrolein
Concen: 76.744 ug/l
RT: 2.239 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

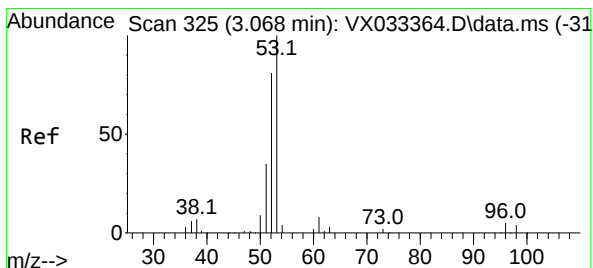
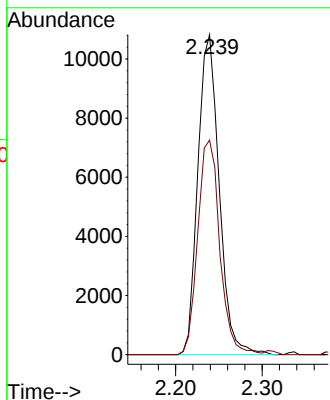
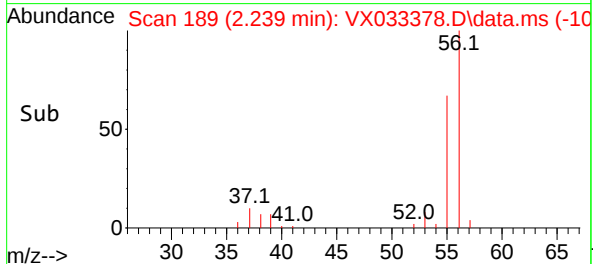
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



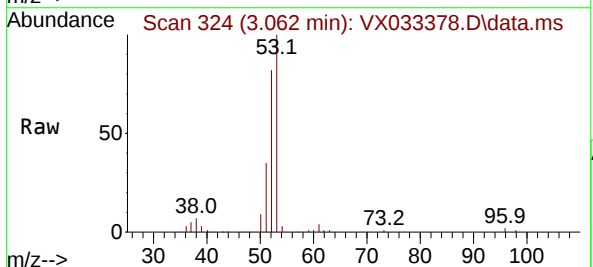
Tgt Ion: 56 Resp: 1853
Ion Ratio Lower Upper
56 100
55 69.1 57.2 85.8

Manual Integrations
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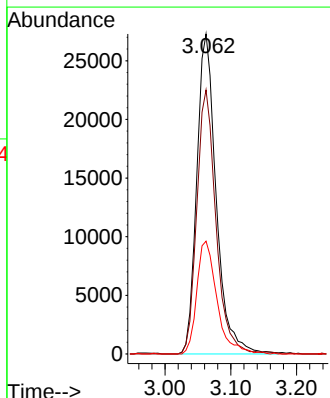
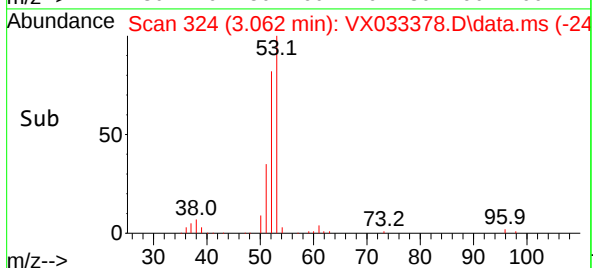
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

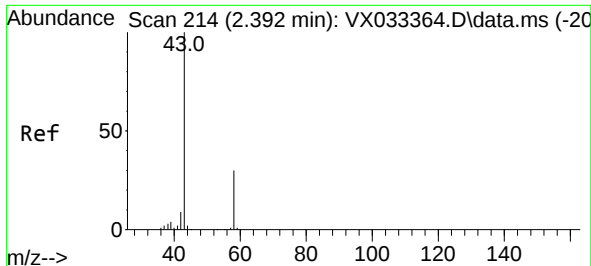


#14
Acrylonitrile
Concen: 101.010 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58



Tgt Ion: 53 Resp: 56064
Ion Ratio Lower Upper
53 100
52 80.9 40.3 120.8
51 36.4 18.4 55.4





#15

Acetone

Concen: 83.838 ug/l

RT: 2.379 min Scan# 214

Delta R.T. -0.012 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 1599

Ion Ratio Lower Upper

58 100

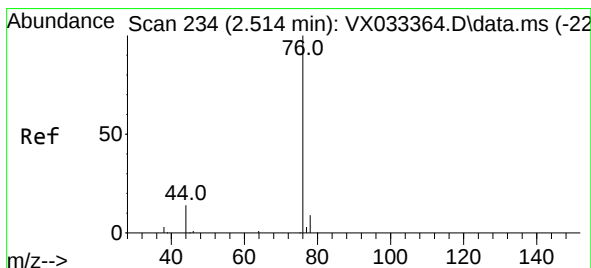
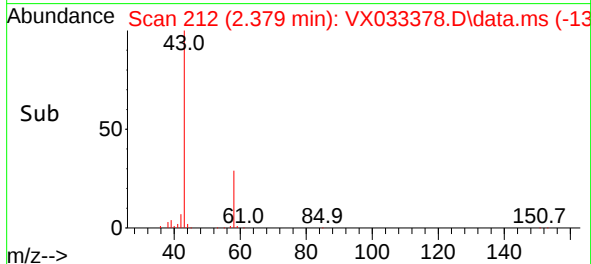
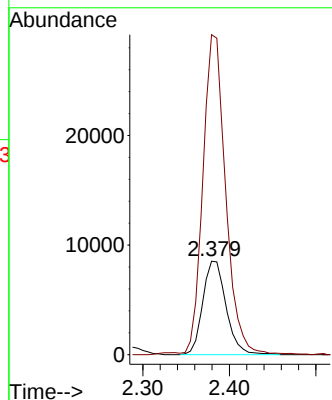
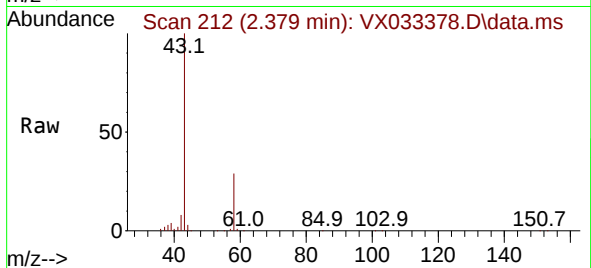
43 341.1 262.9 394.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#16

Carbon Disulfide

Concen: 19.654 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX033378.D

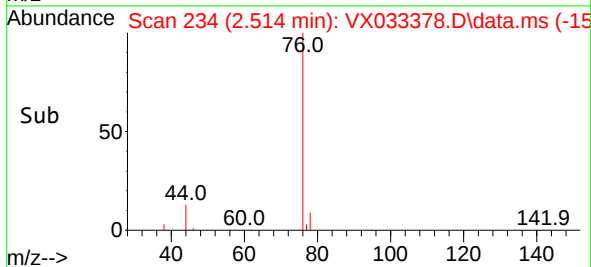
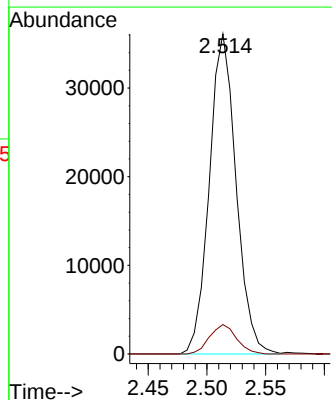
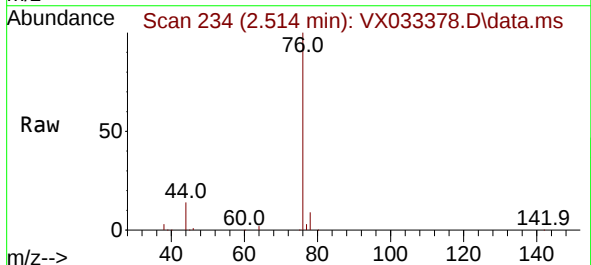
Acq: 12 Dec 2022 16:58

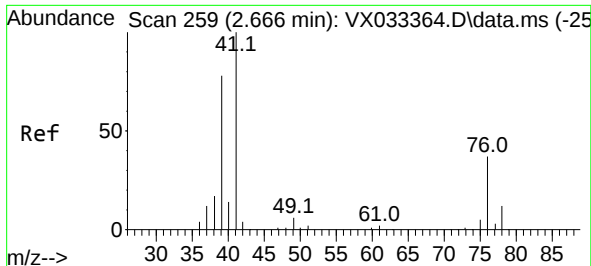
Tgt Ion: 76 Resp: 57335

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4





#17

Allyl chloride

Concen: 19.476 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

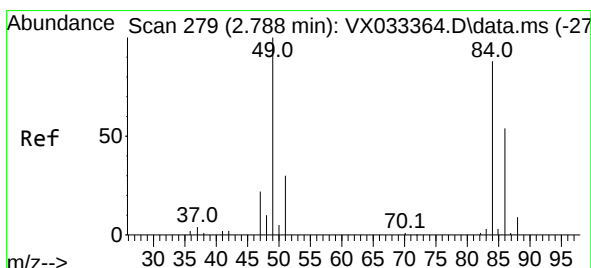
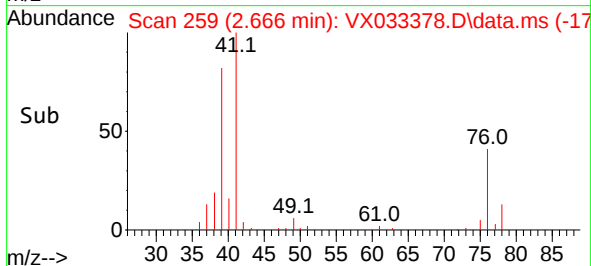
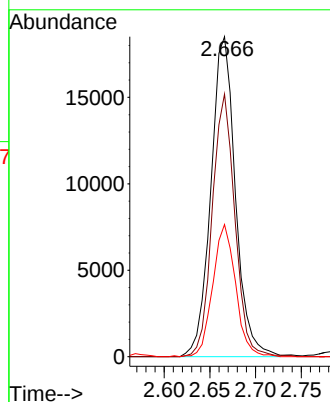
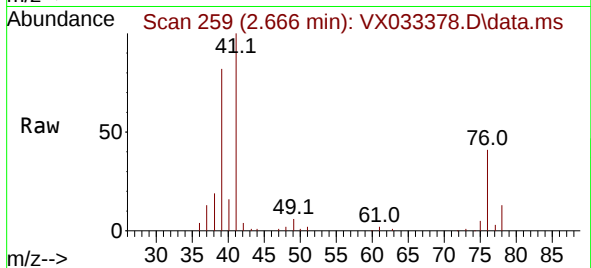
Tgt Ion:	41	Resp:	34610
Ion	Ratio	Lower	Upper
41	100		
39	82.0	39.1	117.2
76	41.3	18.6	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#18

Methylene Chloride

Concen: 20.637 ug/l

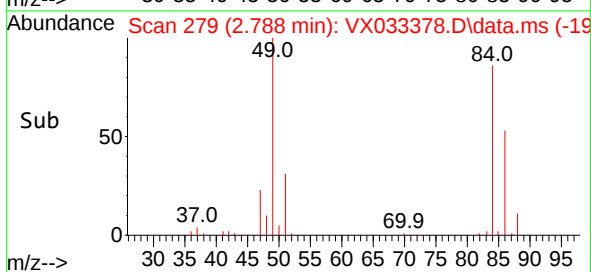
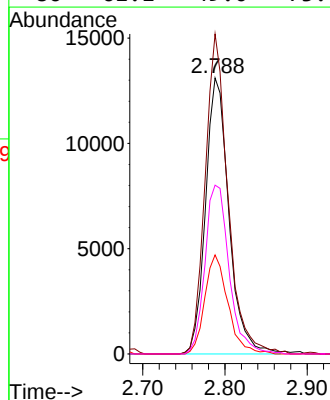
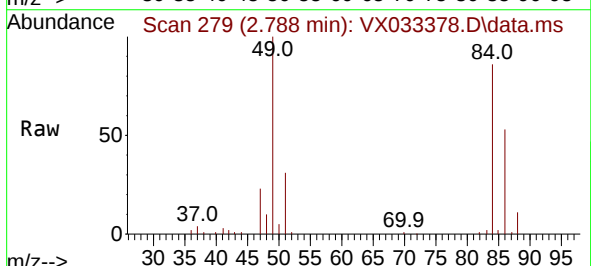
RT: 2.788 min Scan# 279

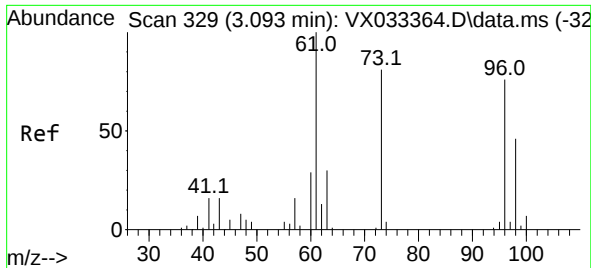
Delta R.T. -0.000 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Tgt Ion:	84	Resp:	25935
Ion	Ratio	Lower	Upper
84	100		
49	115.9	91.2	136.8
51	35.9	27.3	40.9
86	61.1	49.0	73.4





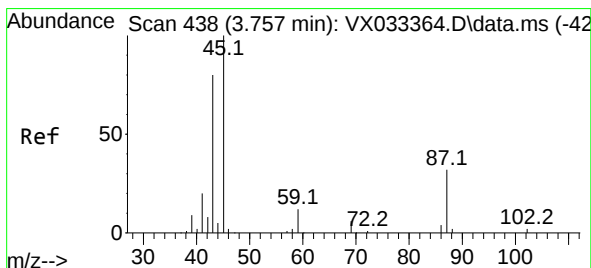
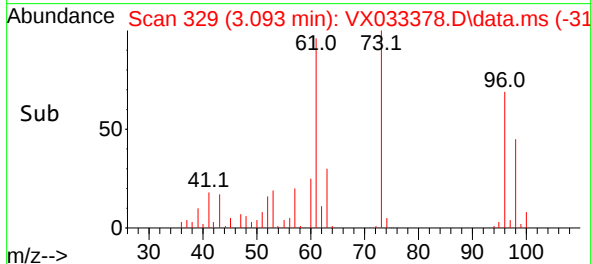
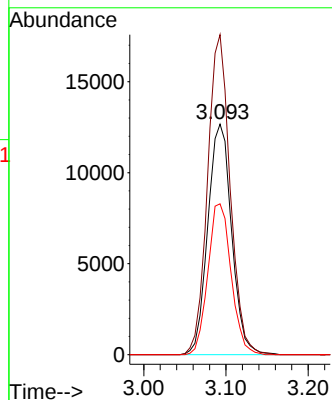
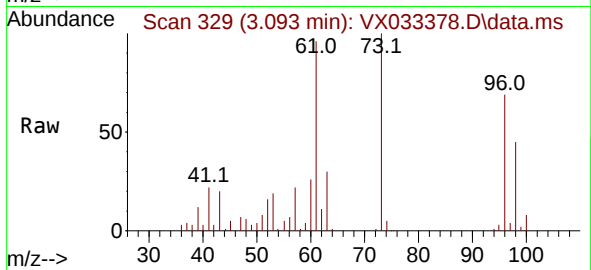
#19
trans-1,2-Dichloroethene
Concen: 20.220 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 96 Resp: 25500
Ion Ratio Lower Upper
96 100
61 138.8 105.8 158.8
98 65.4 49.1 73.7

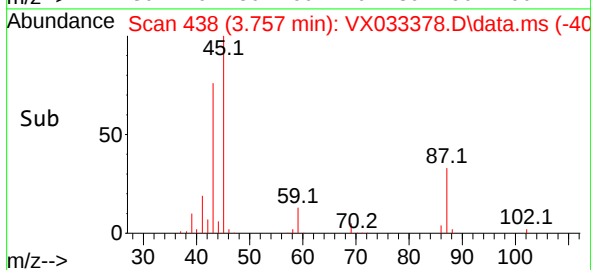
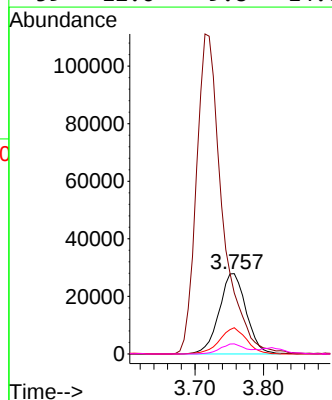
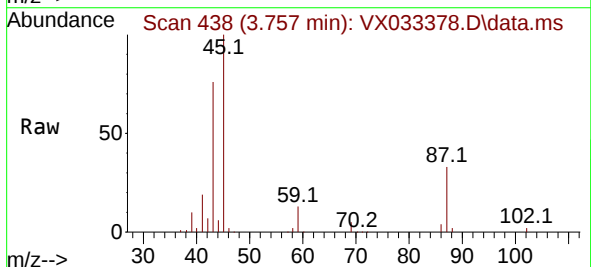
Manual Integrations
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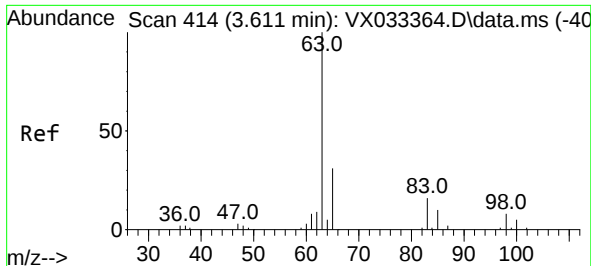
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#20
Diisopropyl ether
Concen: 20.399 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Tgt Ion: 45 Resp: 76295
Ion Ratio Lower Upper
45 100
43 72.0 68.2 102.2
87 32.6 25.5 38.3
59 12.6 9.8 14.6





#21

1,1-Dichloroethane

Concen: 20.418 ug/l

RT: 3.605 min Scan# 414

Delta R.T. -0.006 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 4504

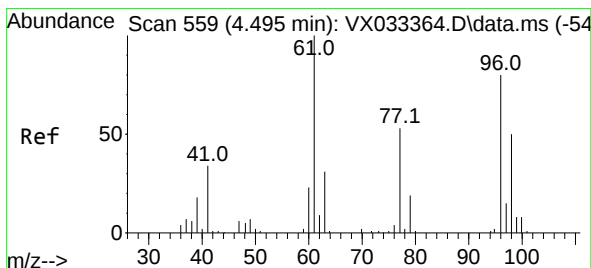
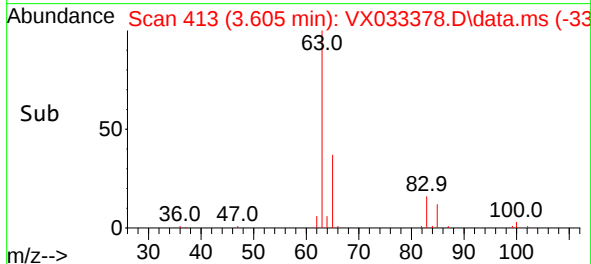
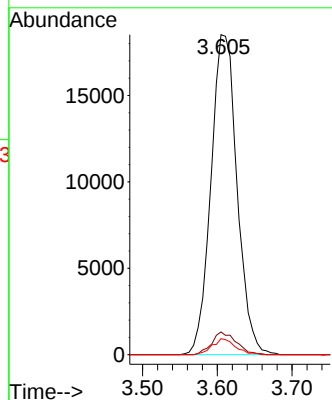
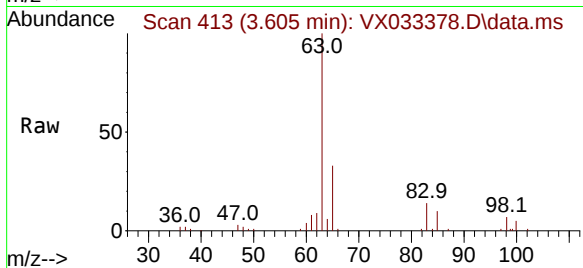
Ion	Ratio	Lower	Upper
63	100		
98	7.1	4.0	11.9
100	5.0	2.8	8.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#22

cis-1,2-Dichloroethene

Concen: 20.848 ug/l

RT: 4.489 min Scan# 558

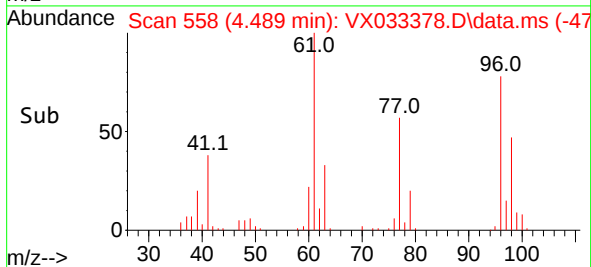
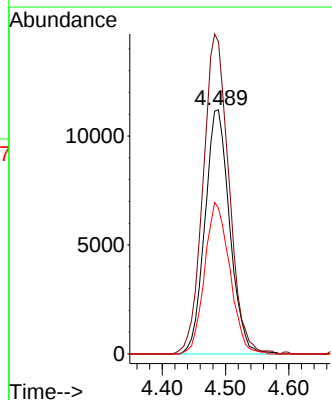
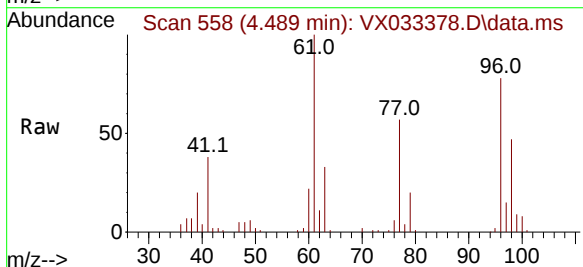
Delta R.T. -0.006 min

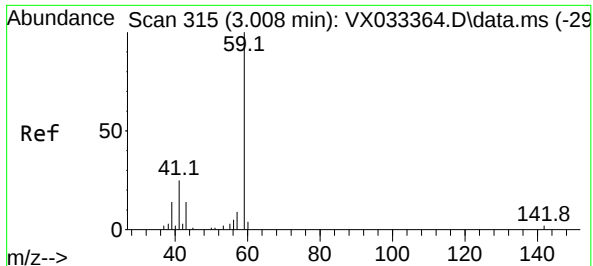
Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Tgt Ion: 96 Resp: 30528

Ion	Ratio	Lower	Upper
96	100		
61	136.0	113.5	170.3
98	62.9	51.9	77.9





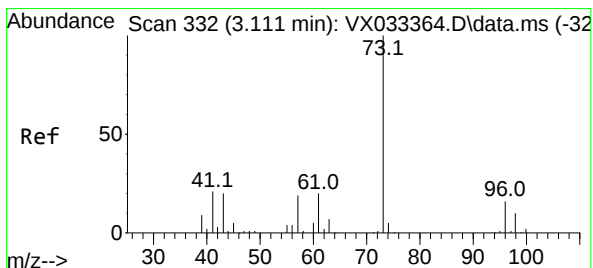
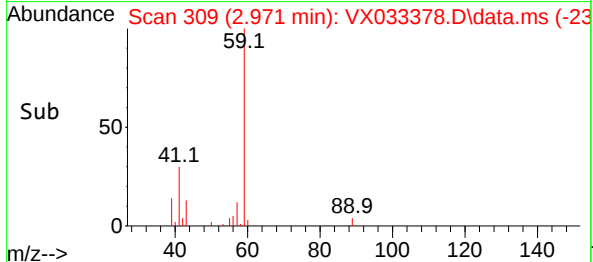
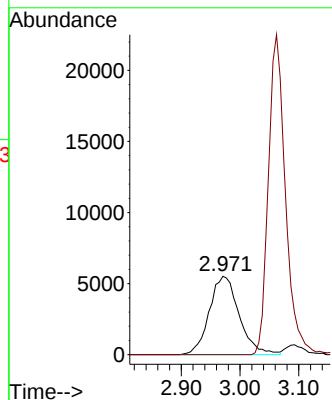
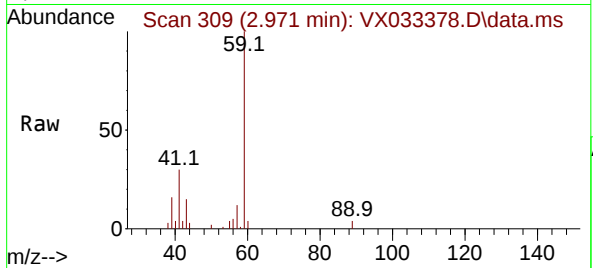
#23
tert-Butyl Alcohol
Concen: 82.344 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.037 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 1950
Ion Ratio Lower Upper
59 100
52 0.0 149.0 223.6

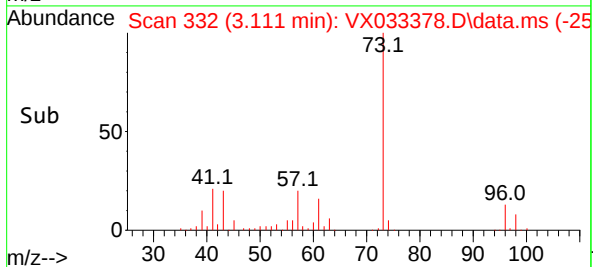
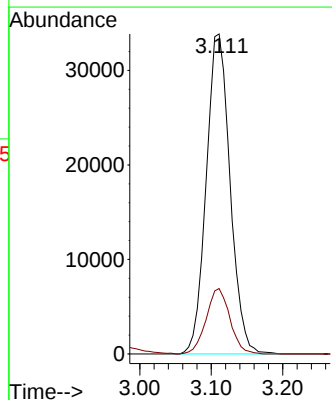
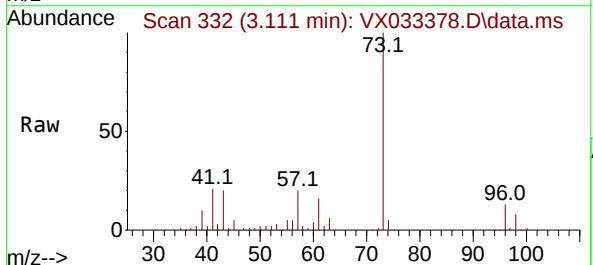
Manual Integrations
APPROVED

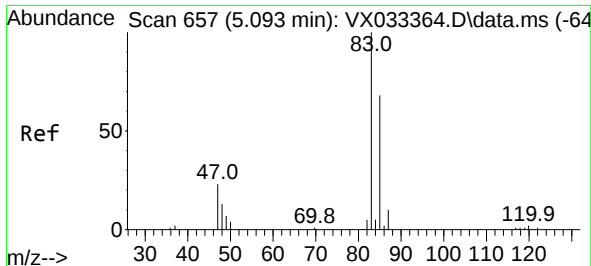
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#24
Methyl tert-Butyl Ether
Concen: 20.038 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Tgt Ion: 73 Resp: 78510
Ion Ratio Lower Upper
73 100
43 20.3 16.8 25.2





#25

Chloroform

Concen: 20.448 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 5133

Ion Ratio Lower Upper

83 100

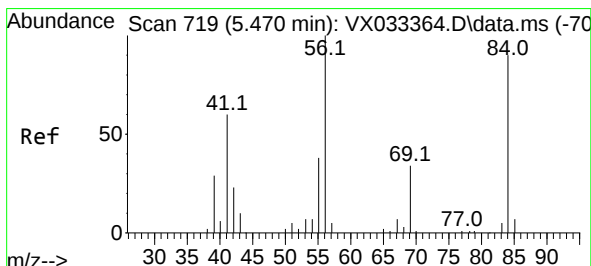
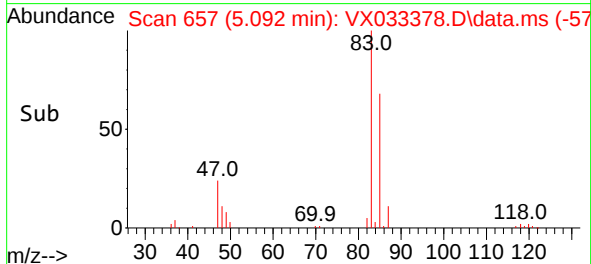
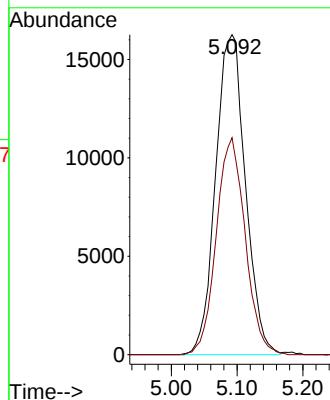
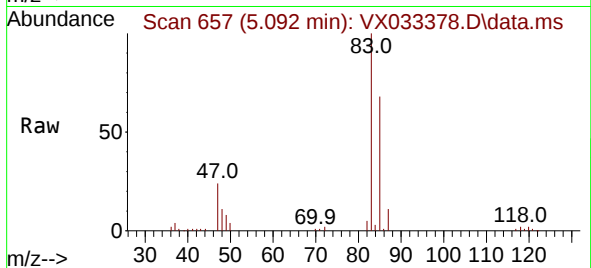
85 67.8 54.2 81.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#26

Cyclohexane

Concen: 20.718 ug/l

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

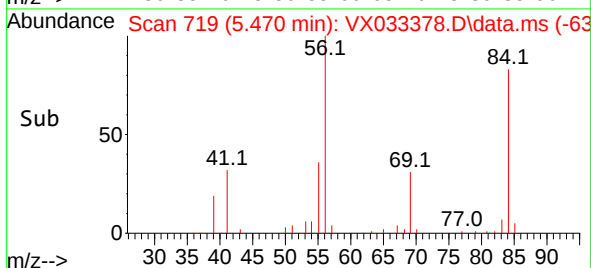
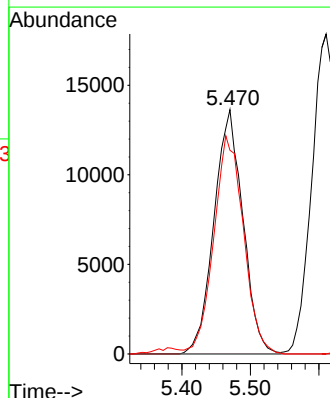
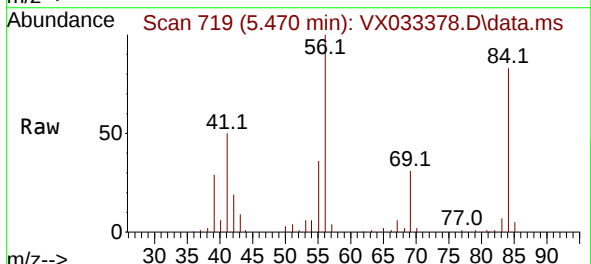
Tgt Ion: 56 Resp: 39976

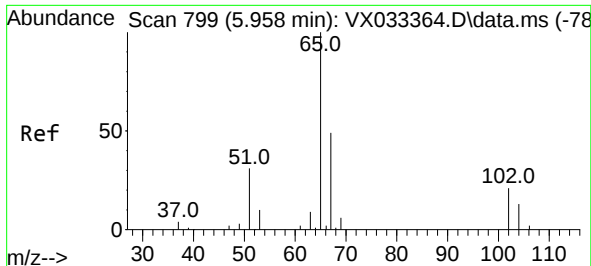
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.7 74.7 112.1





#27

1,2-Dichloroethane-d4

Concen: 31.035 ug/l

RT: 5.946 min Scan# 799

Delta R.T. -0.012 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 3424

Ion Ratio Lower Upper

65 100

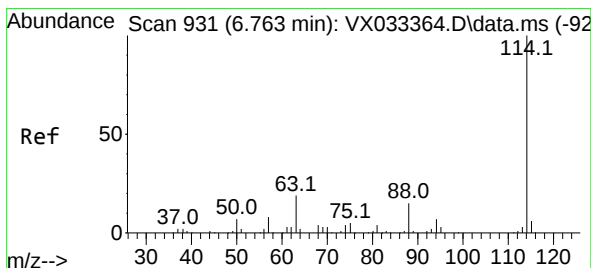
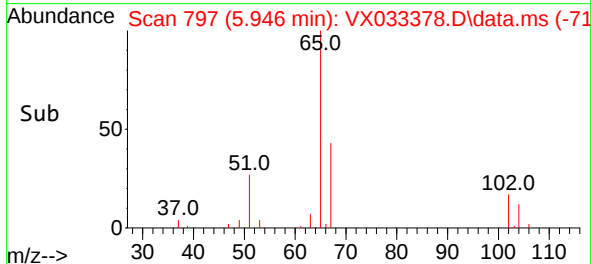
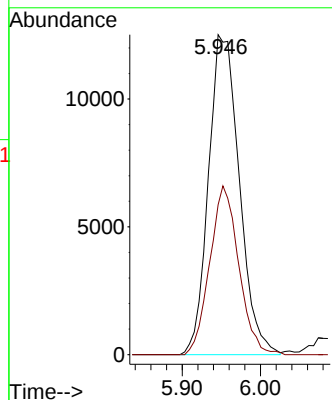
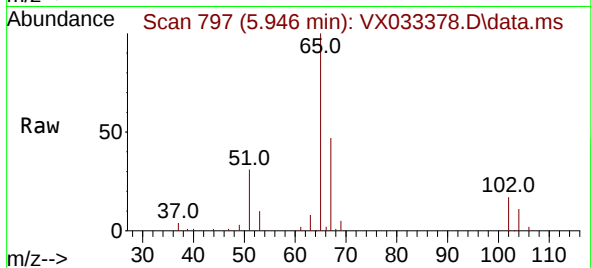
67 49.6 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

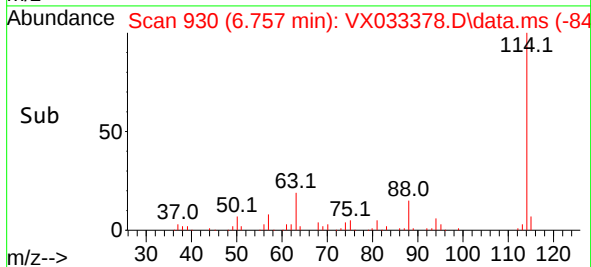
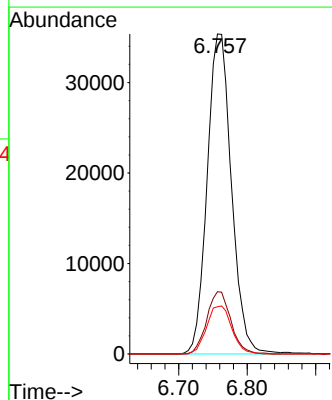
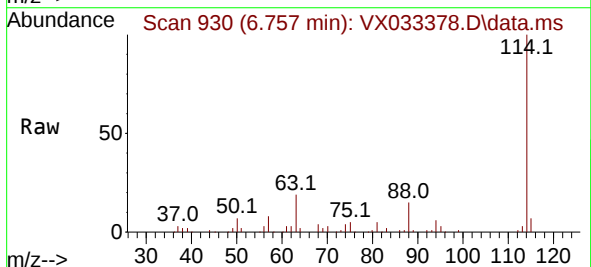
Tgt Ion:114 Resp: 87100

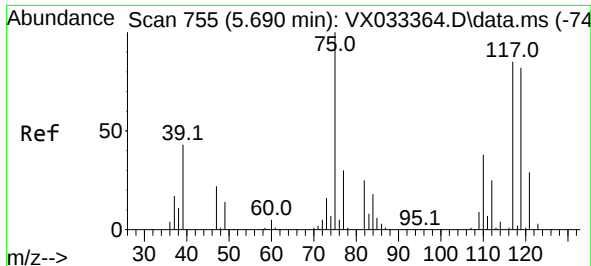
Ion Ratio Lower Upper

114 100

63 19.2 15.2 22.8

88 15.5 12.2 18.4





#29

1,1-Dichloropropene

Concen: 20.081 ug/l

RT: 5.690 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

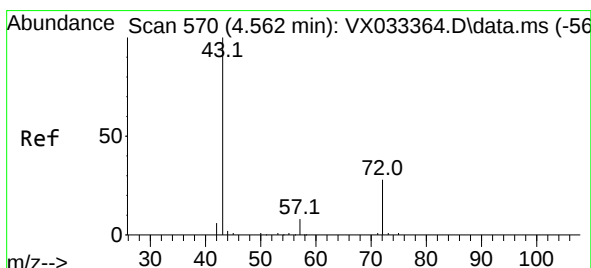
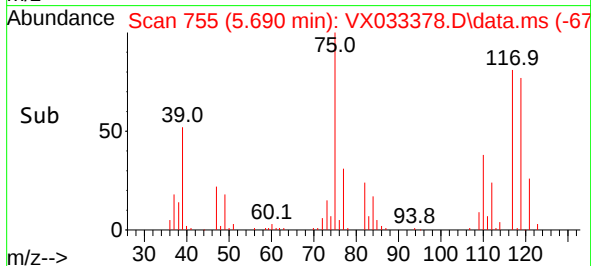
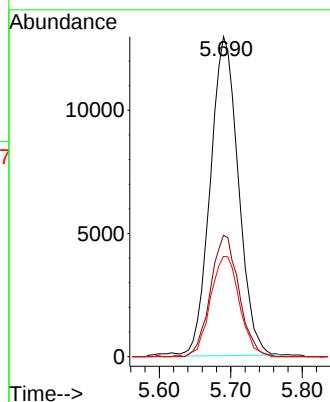
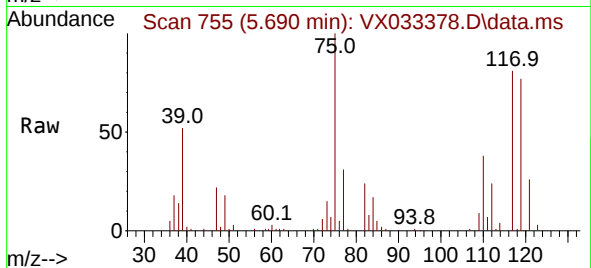
Tgt Ion: 75	Resp: 3535
Ion Ratio	Lower Upper
75 100	
110 38.4	0.0 73.6
77 32.5	0.0 62.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#30

2-Butanone

Concen: 94.814 ug/l

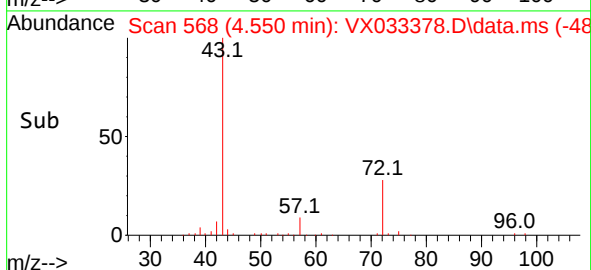
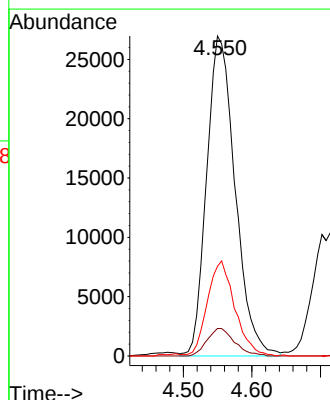
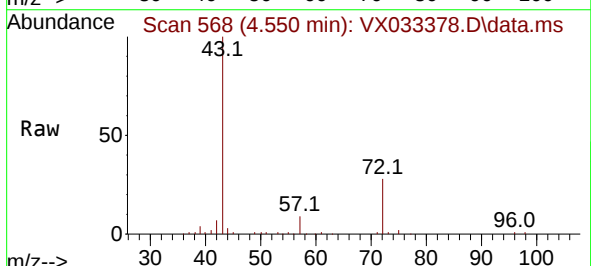
RT: 4.550 min Scan# 568

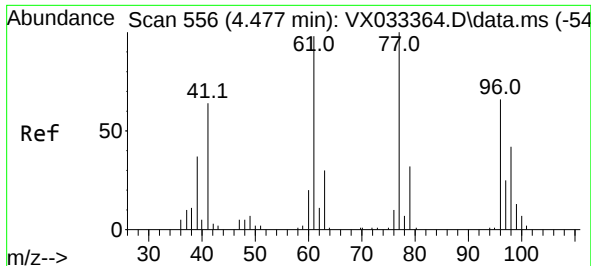
Delta R.T. -0.012 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Tgt Ion: 43	Resp: 78023
Ion Ratio	Lower Upper
43 100	
57 8.3	6.6 9.8
72 28.4	22.5 33.7





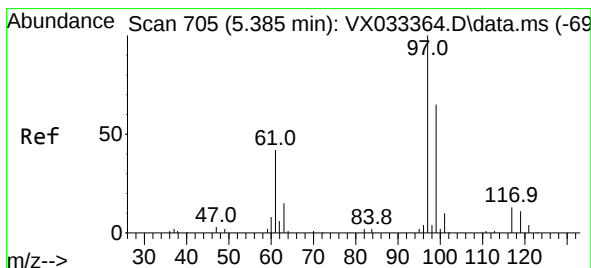
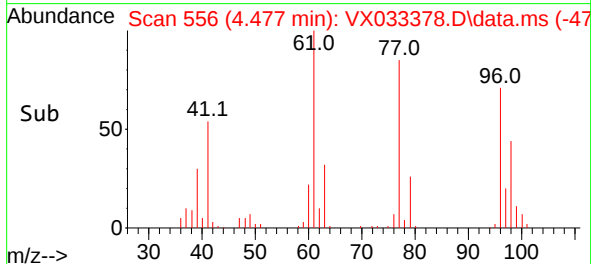
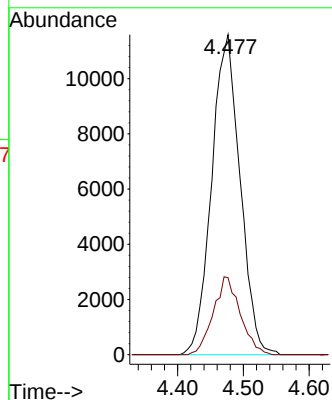
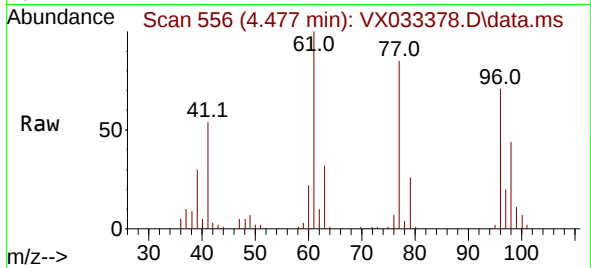
#31
2,2-Dichloropropane
Concen: 18.845 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 3486
Ion Ratio Lower Upper
77 100
97 23.1 18.1 27.1

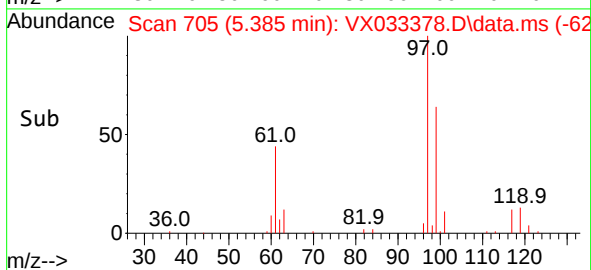
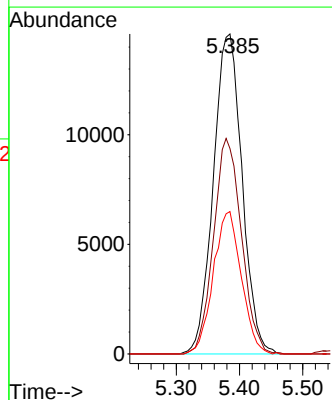
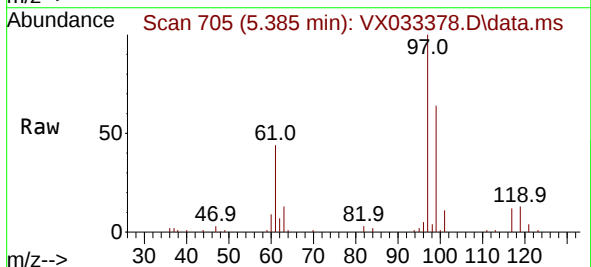
Manual Integrations
APPROVED

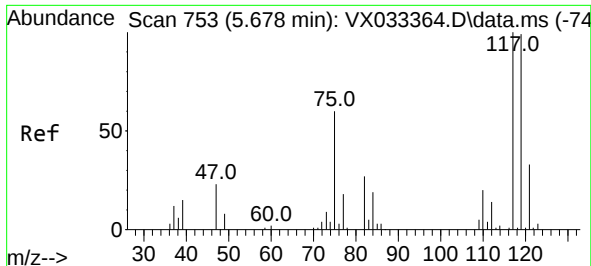
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#32
1,1,1-Trichloroethane
Concen: 20.303 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

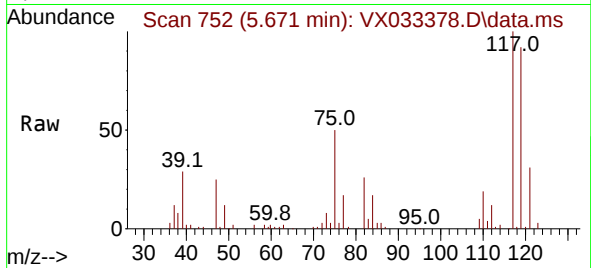
Tgt Ion: 97 Resp: 46137
Ion Ratio Lower Upper
97 100
99 65.3 51.0 76.4
61 43.3 34.3 51.5





#33
Carbon Tetrachloride
Concen: 20.229 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

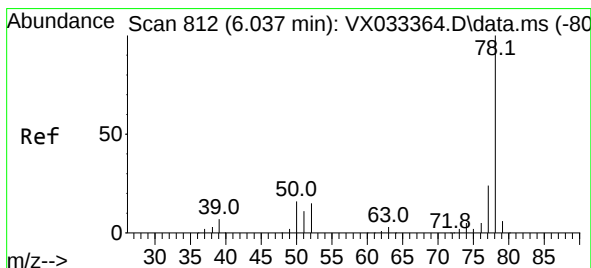
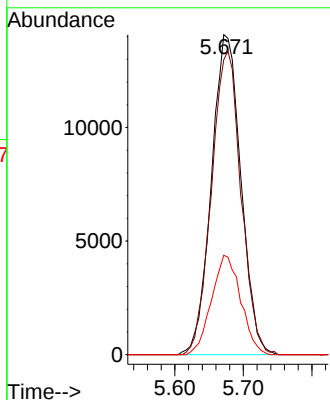
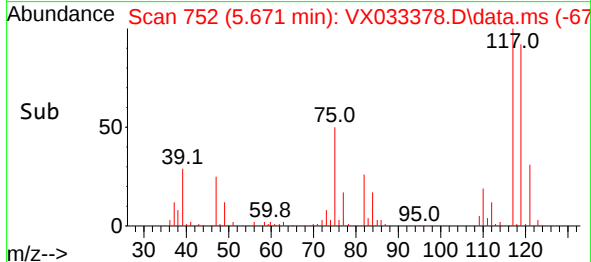
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 42035
Ion Ratio Lower Upper
117 100
119 92.2 79.5 119.3
121 31.1 26.2 39.2

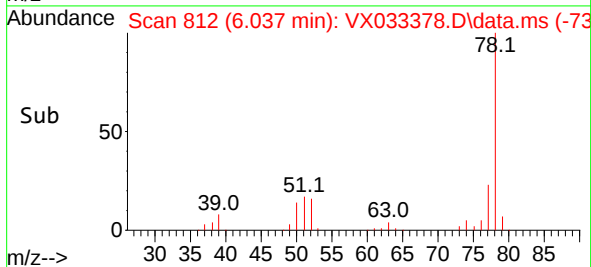
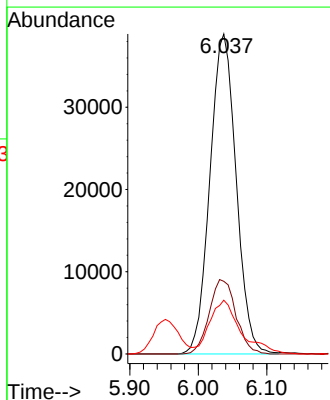
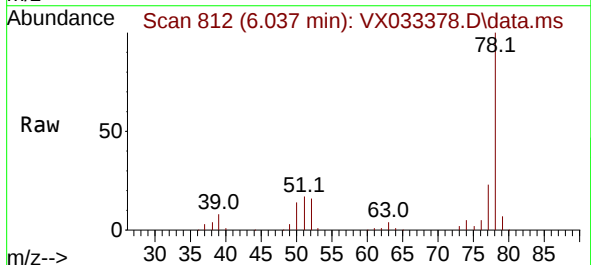
Manual Integrations
APPROVED

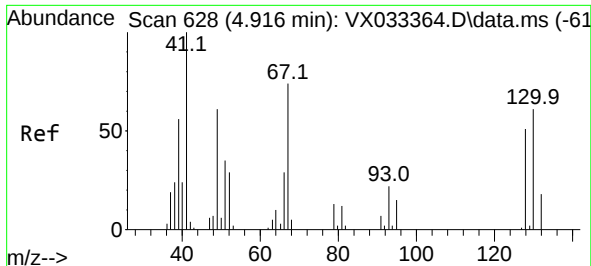
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#34
Benzene
Concen: 20.478 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Tgt Ion: 78 Resp: 103307
Ion Ratio Lower Upper
78 100
77 22.7 19.2 28.8
51 15.9 12.6 18.8





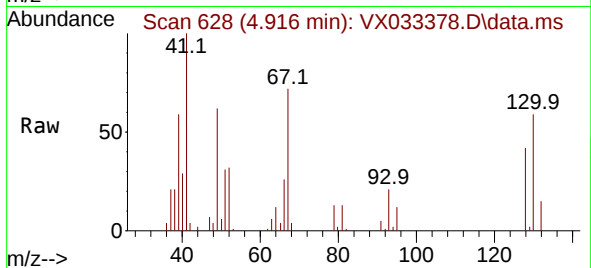
#35
Methacrylonitrile
Concen: 20.673 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



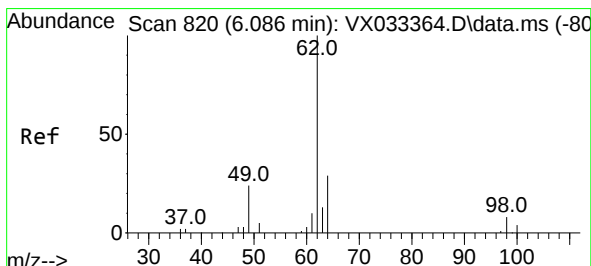
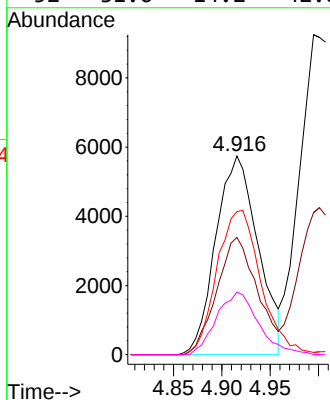
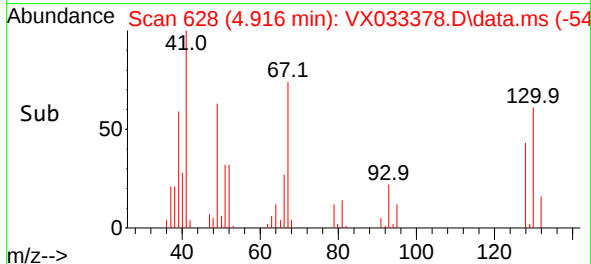
Tgt Ion: 41 Resp: 17434
Ion Ratio Lower Upper
41 100
39 59.0 27.8 83.3
67 72.0 37.0 110.9
52 31.6 14.2 42.8

Manual Integrations

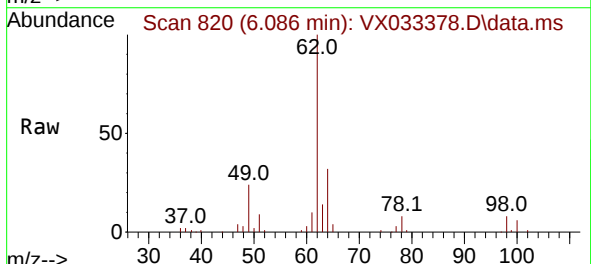
APPROVED

Reviewed By :John Carlone 12/13/2022

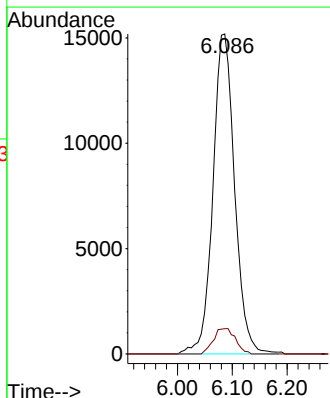
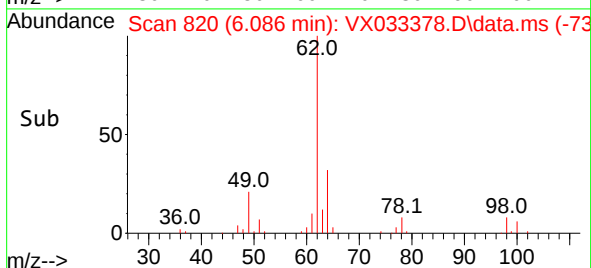
Supervised By :Mahesh Dadoda 12/13/2022

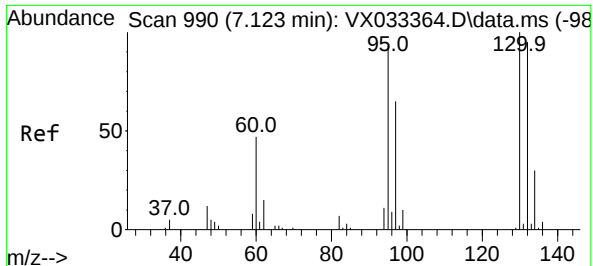


#36
1,2-Dichloroethane
Concen: 21.538 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58



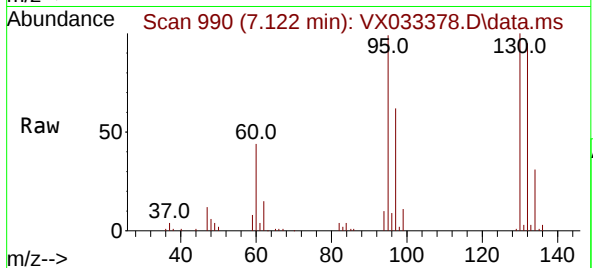
Tgt Ion: 62 Resp: 41766
Ion Ratio Lower Upper
62 100
98 0.0 6.4 9.6#





#37
Trichloroethene
Concen: 20.963 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

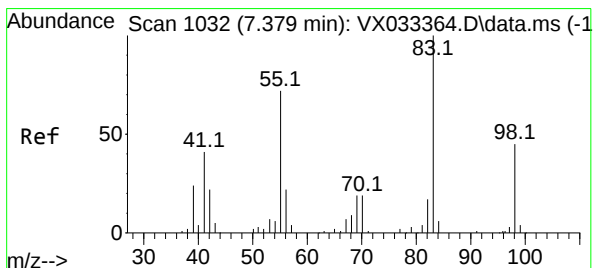
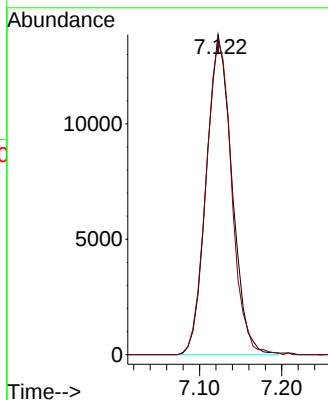
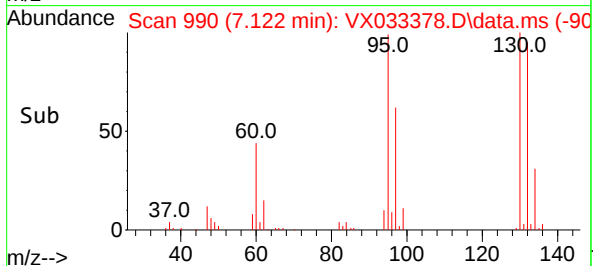
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



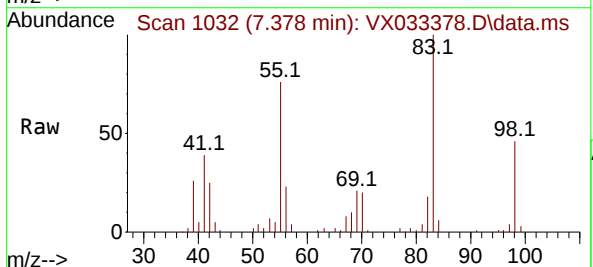
Tgt Ion:130 Resp: 30029
Ion Ratio Lower Upper
130 100
95 98.6 74.6 112.0

Manual Integrations
APPROVED

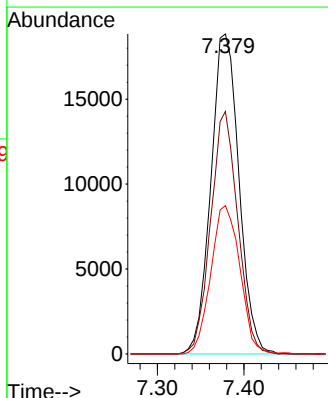
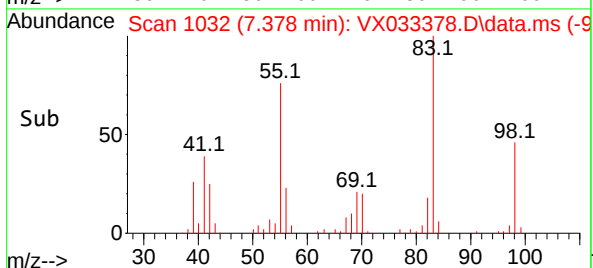
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

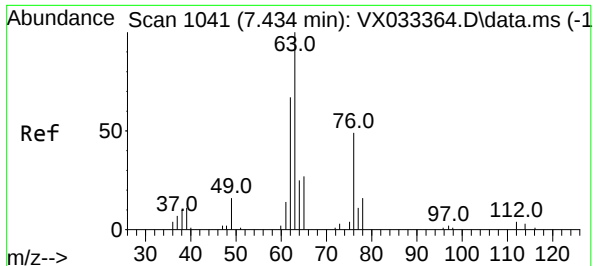


#38
Methylcyclohexane
Concen: 20.485 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58



Tgt Ion: 83 Resp: 42492
Ion Ratio Lower Upper
83 100
55 73.0 36.2 108.6
98 47.9 23.4 70.2





#39

1,2-Dichloropropane

Concen: 20.702 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 2604

Ion Ratio Lower Upper

63 100

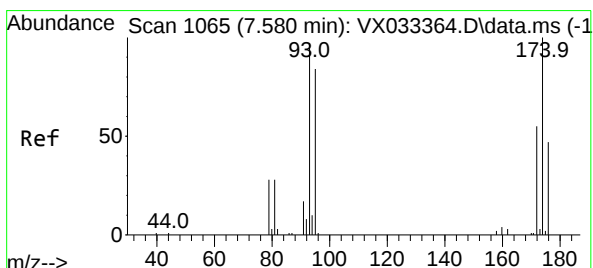
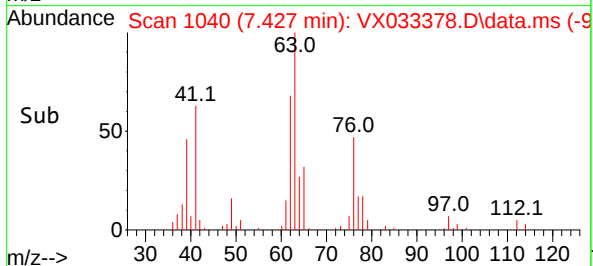
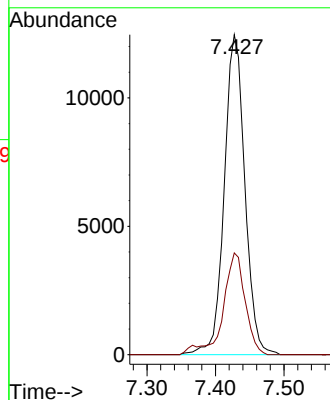
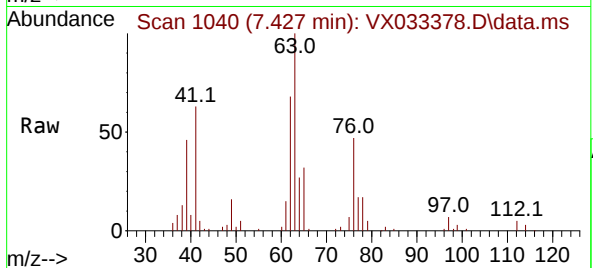
65 31.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#40

Dibromomethane

Concen: 20.959 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

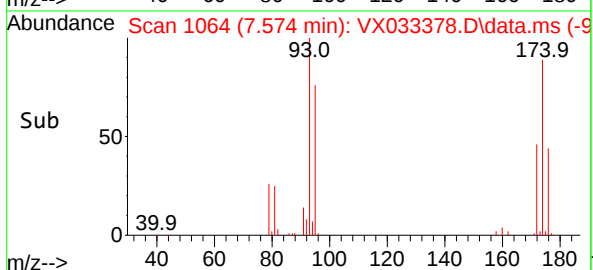
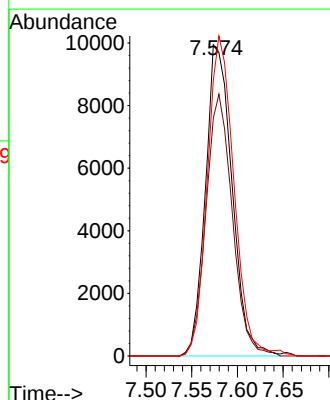
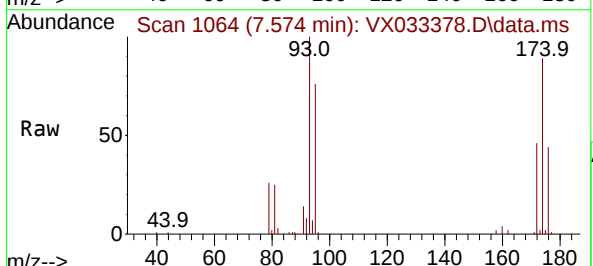
Tgt Ion: 93 Resp: 20173

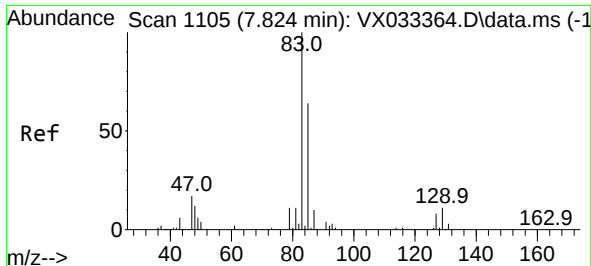
Ion Ratio Lower Upper

93 100

95 83.0 0.0 170.2

174 101.6 0.0 206.8





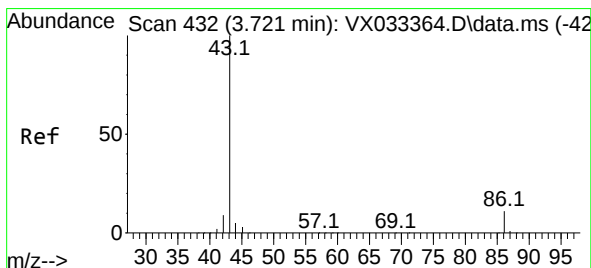
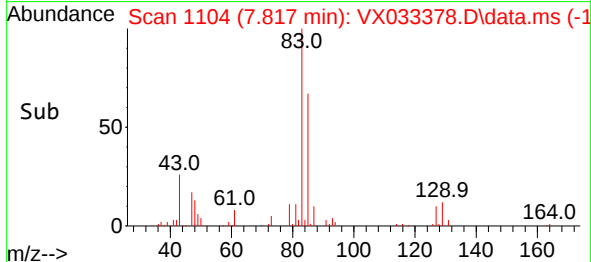
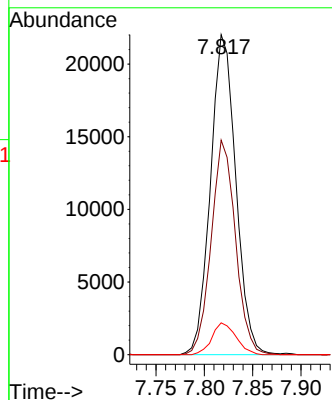
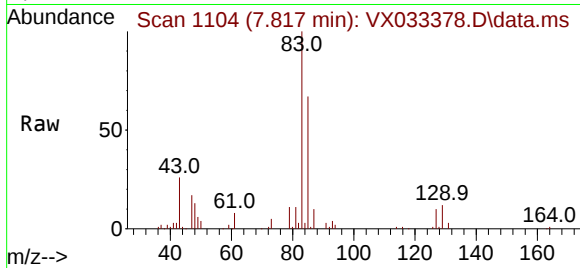
#41
Bromodichloromethane
Concen: 20.361 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 40158
Ion Ratio Lower Upper
83 100
85 67.0 50.9 76.3
127 10.0 6.8 10.2

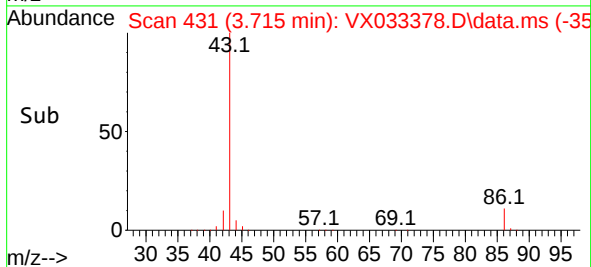
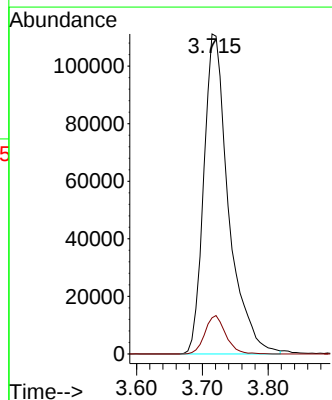
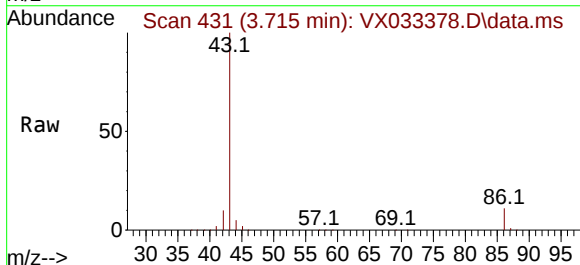
Manual Integrations
APPROVED

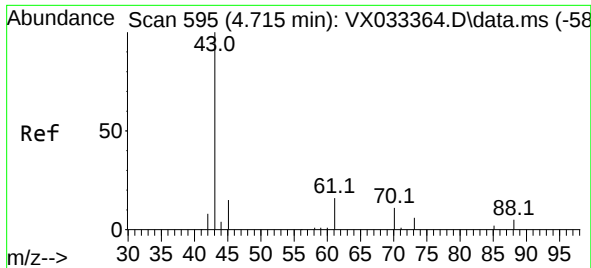
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#42
Vinyl Acetate
Concen: 102.342 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Tgt Ion: 43 Resp: 291576
Ion Ratio Lower Upper
43 100
86 10.0 7.8 11.8





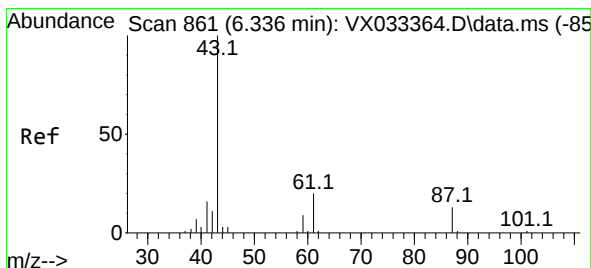
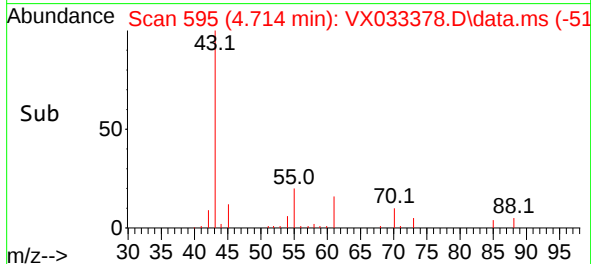
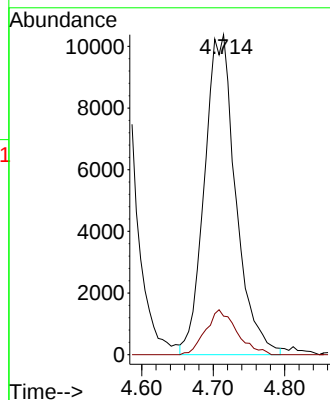
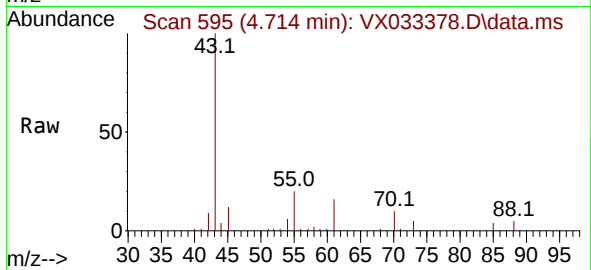
#43
Ethyl Acetate
Concen: 21.298 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 3151
Ion Ratio Lower Upper
43 100
45 14.0 12.0 18.0

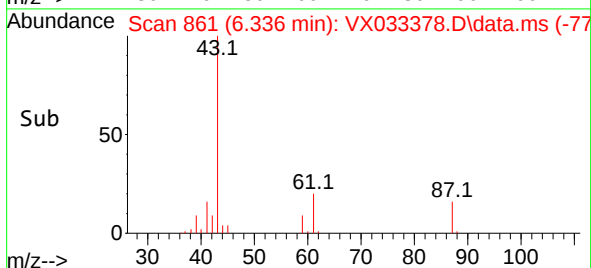
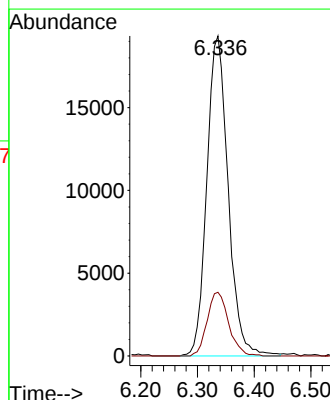
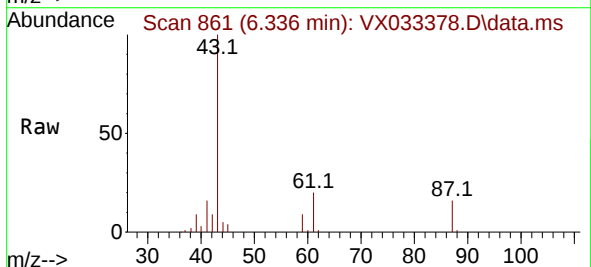
Manual Integrations
APPROVED

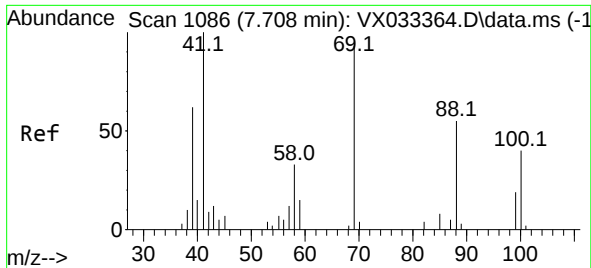
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#44
Isopropyl Acetate
Concen: 20.102 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

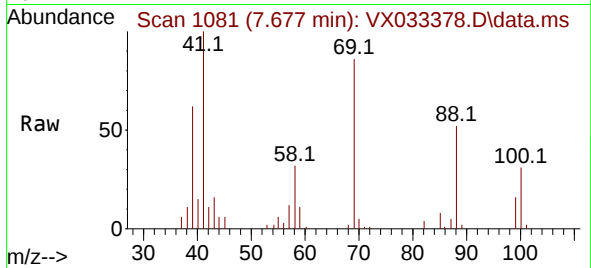
Tgt Ion: 43 Resp: 50493
Ion Ratio Lower Upper
43 100
61 20.0 15.7 23.5





#45
1,4-Dioxane
Concen: 318.156 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.031 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

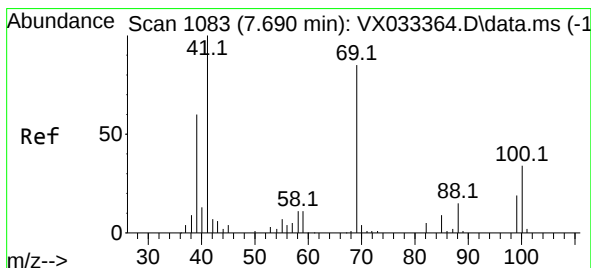
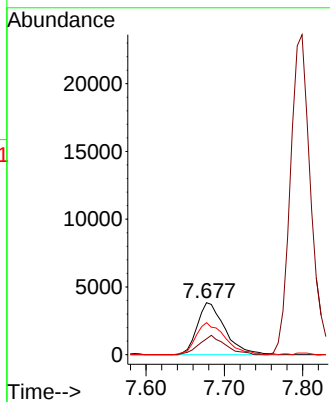
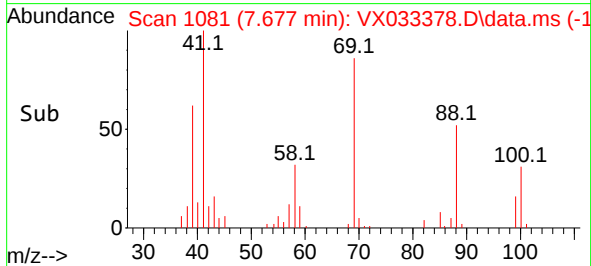
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



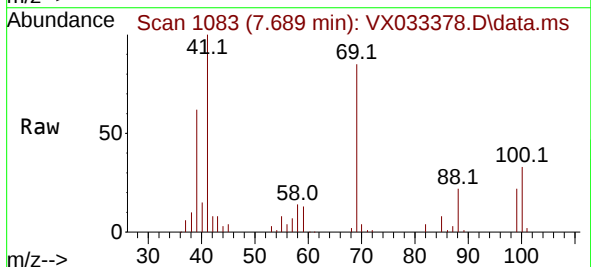
Tgt Ion: 88 Resp: 9360
Ion Ratio Lower Upper
88 100
43 34.7 12.4 18.6
58 64.9 51.1 76.7

Manual Integrations
APPROVED

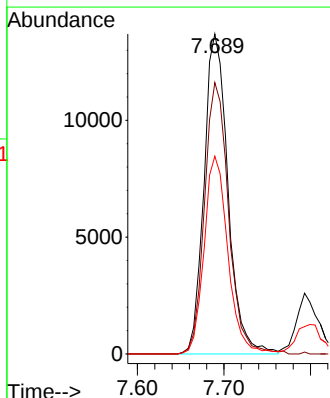
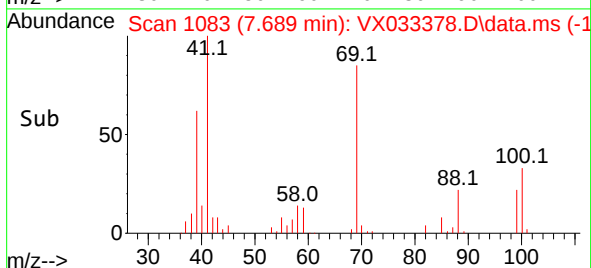
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

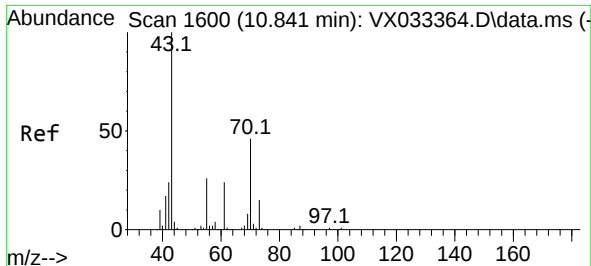


#46
Methyl methacrylate
Concen: 21.047 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58



Tgt Ion: 41 Resp: 26333
Ion Ratio Lower Upper
41 100
69 84.8 42.3 126.9
39 61.8 30.1 90.5





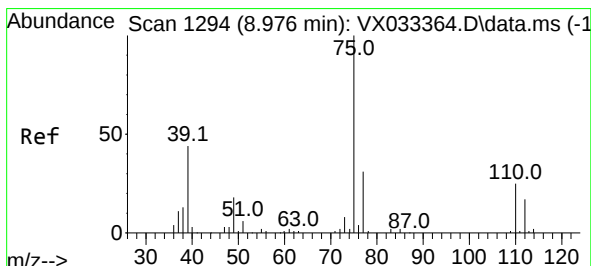
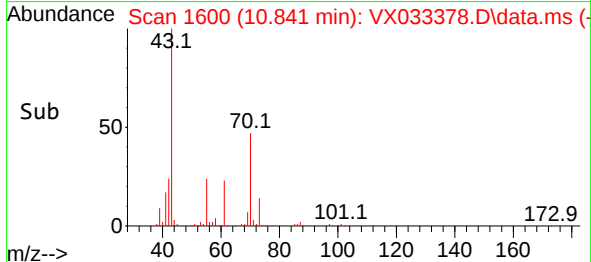
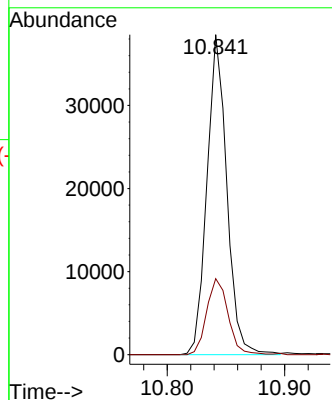
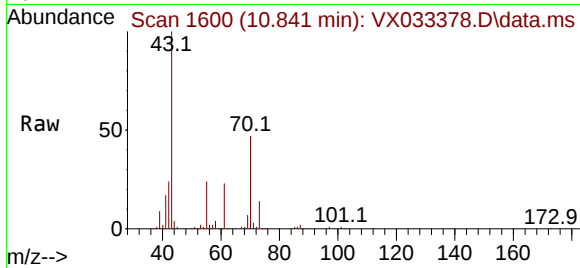
#47
n-amy1 Acetate
Concen: 21.439 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 45192
Ion Ratio Lower Upper
43 100
55 25.6 20.6 30.8

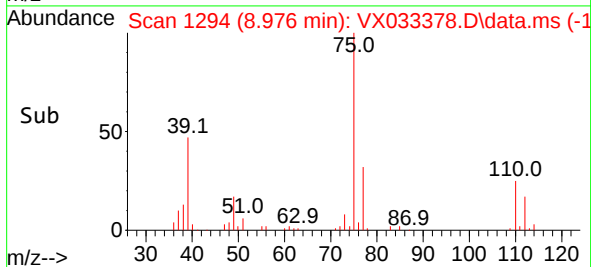
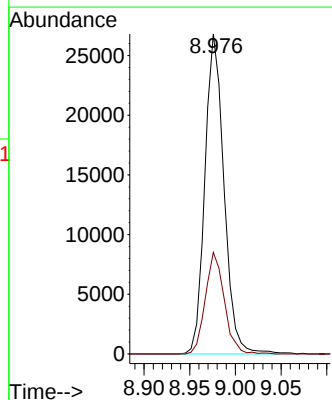
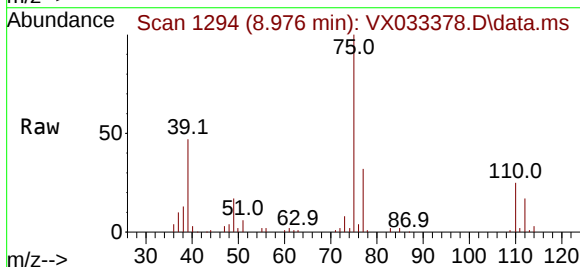
Manual Integrations
APPROVED

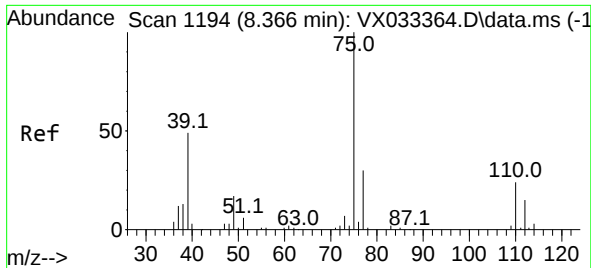
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#48
t-1,3-Dichloropropene
Concen: 19.635 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Tgt Ion: 75 Resp: 38845
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4





#49

cis-1,3-Dichloropropene

Concen: 19.945 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 4235

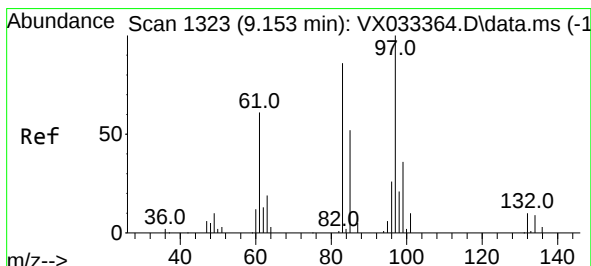
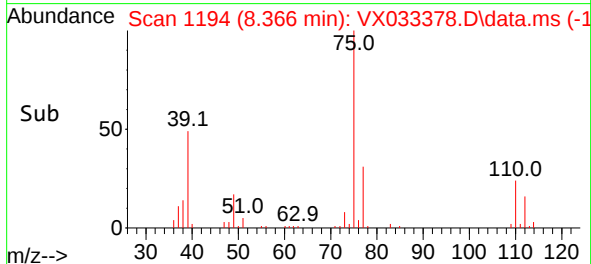
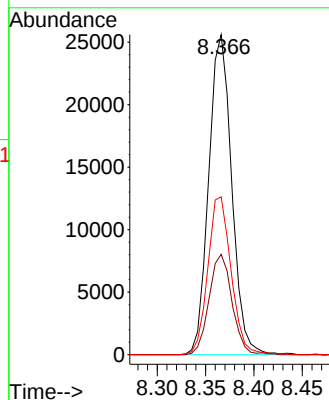
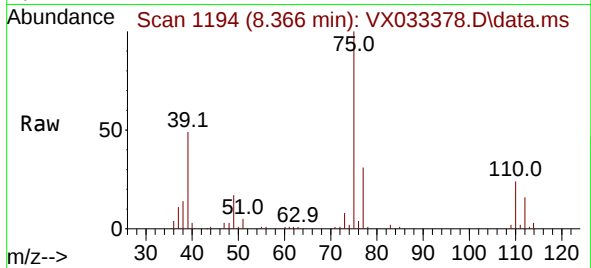
Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.2	36.4
39	49.4	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#50

1,1,2-Trichloroethane

Concen: 21.901 ug/l

RT: 9.153 min Scan# 1323

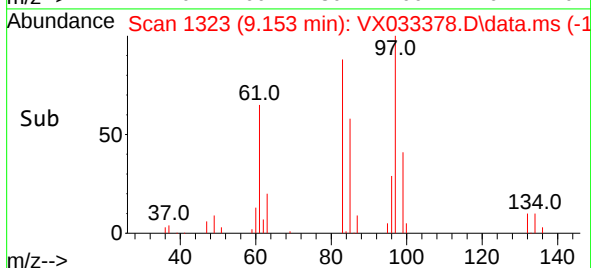
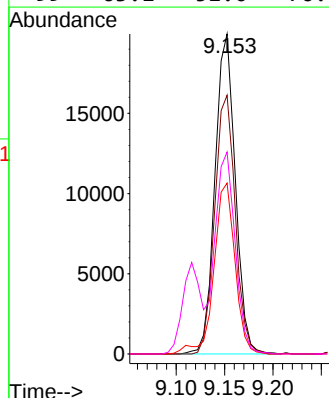
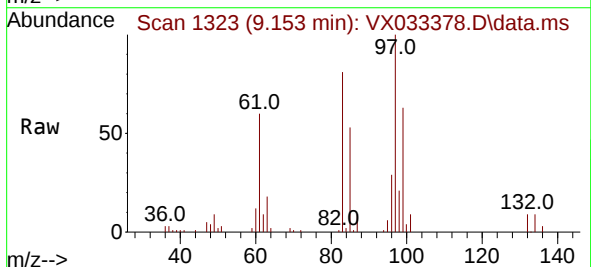
Delta R.T. -0.000 min

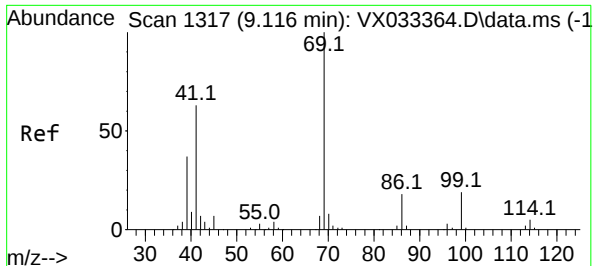
Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Tgt Ion: 97 Resp: 29150

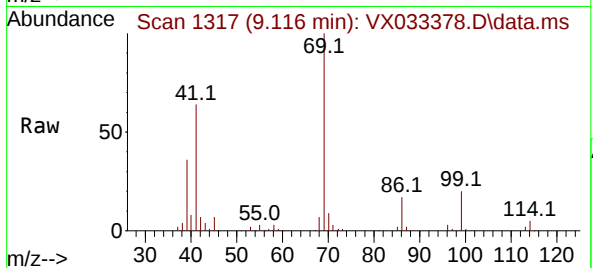
Ion	Ratio	Lower	Upper
97	100		
83	80.9	68.1	102.1
85	53.4	43.8	65.6
99	63.1	51.0	76.6





#51
Ethyl methacrylate
Concen: 21.068 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

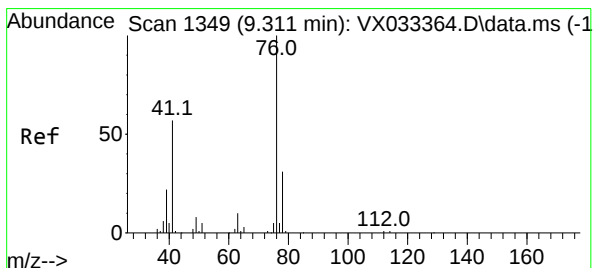
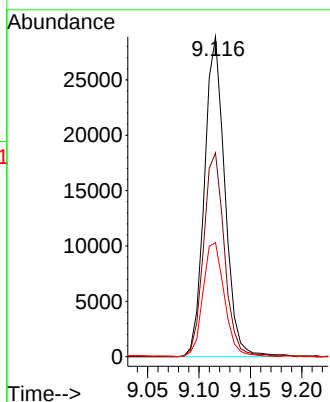
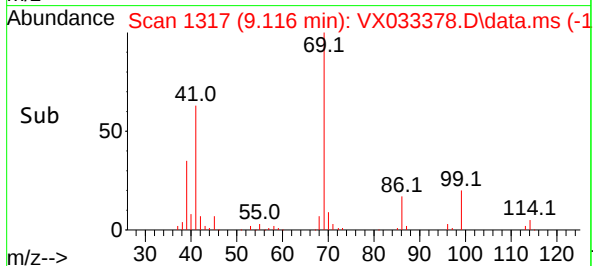
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 40060
Ion Ratio Lower Upper
69 100
41 63.7 31.4 94.2
39 35.7 18.4 55.2

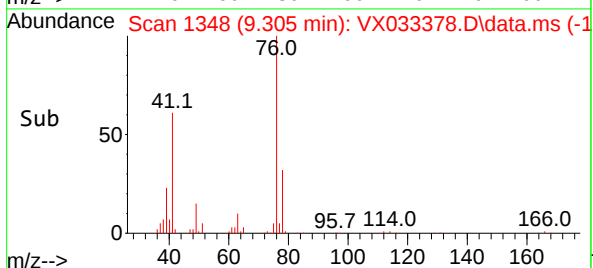
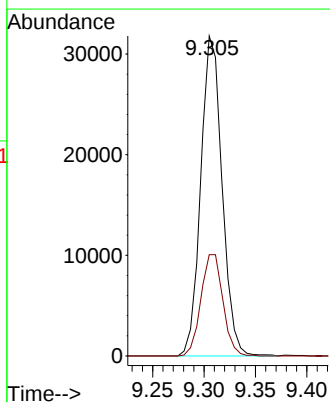
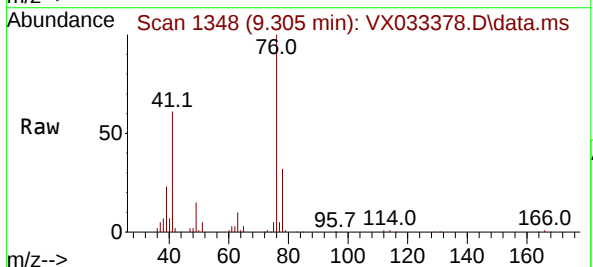
Manual Integrations
APPROVED

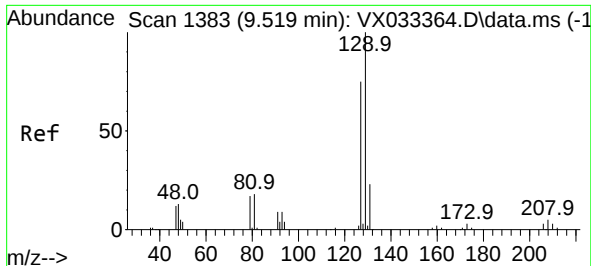
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#52
1,3-Dichloropropane
Concen: 21.180 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

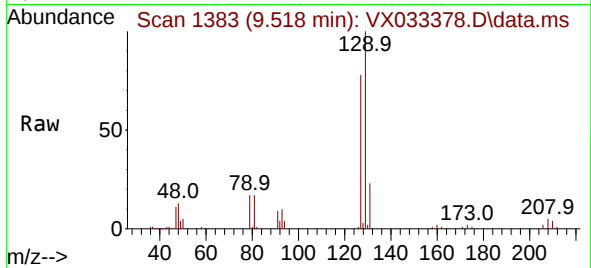
Tgt Ion: 76 Resp: 46033
Ion Ratio Lower Upper
76 100
78 32.6 0.0 63.4





#53
Dibromochloromethane
Concen: 20.478 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

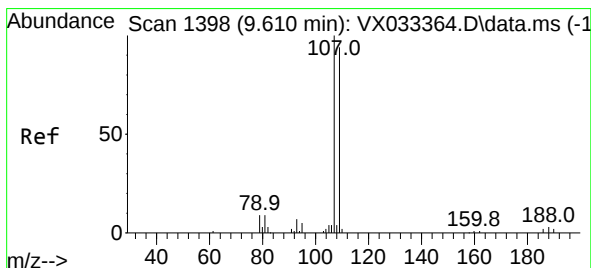
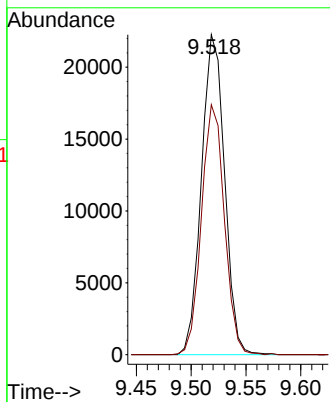
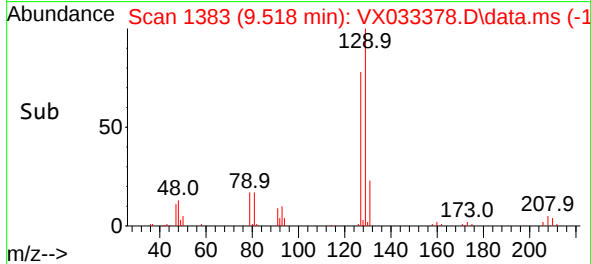
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



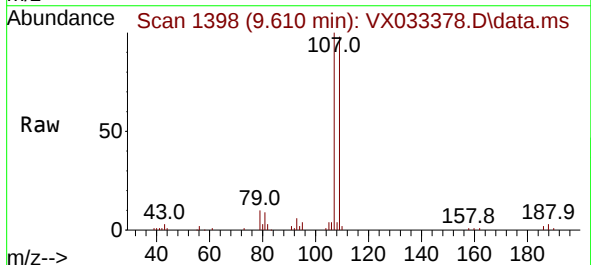
Tgt Ion:129 Resp: 32750
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.3

Manual Integrations
APPROVED

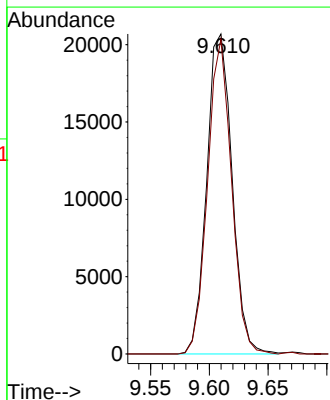
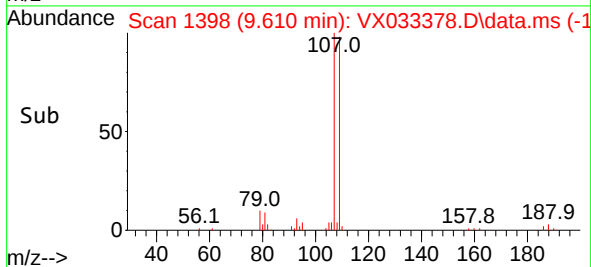
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

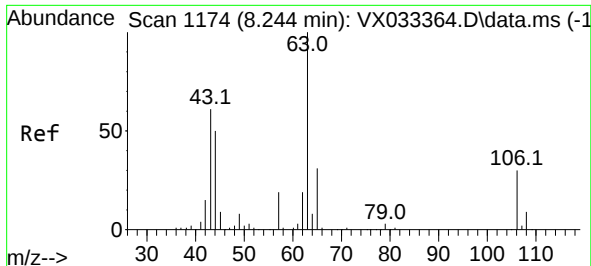


#54
1,2-Dibromoethane
Concen: 21.384 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58



Tgt Ion:107 Resp: 31156
Ion Ratio Lower Upper
107 100
109 92.6 74.2 111.2





#55

2-Chloroethyl vinyl ether

Concen: 103.894 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 9276

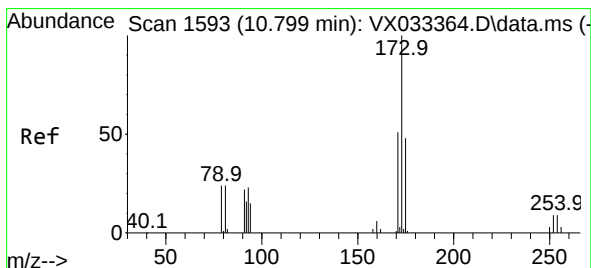
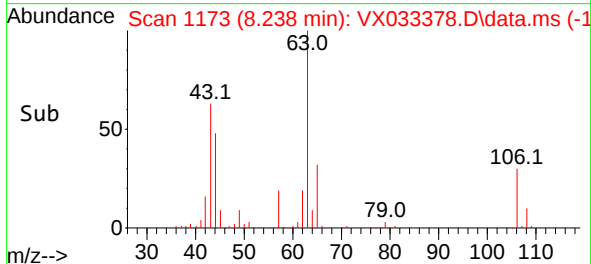
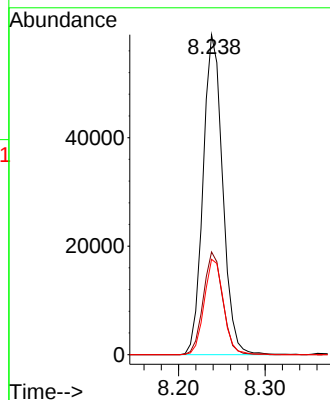
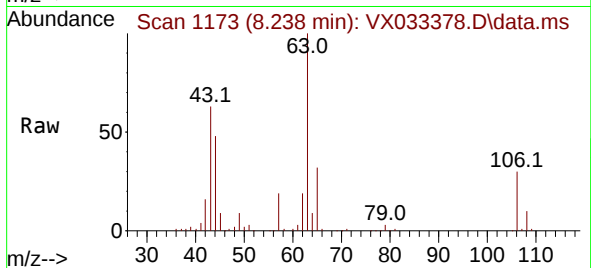
Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.8	38.8
106	29.3	24.2	36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#56

Bromoform

Concen: 19.829 ug/l

RT: 10.799 min Scan# 1593

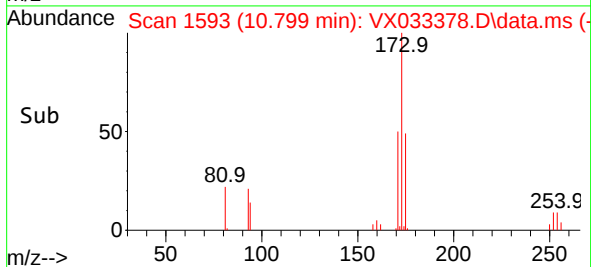
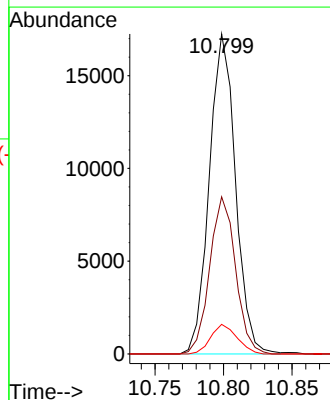
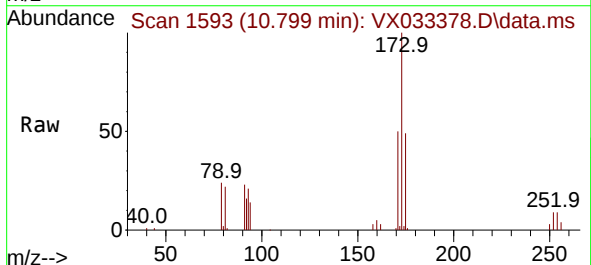
Delta R.T. -0.000 min

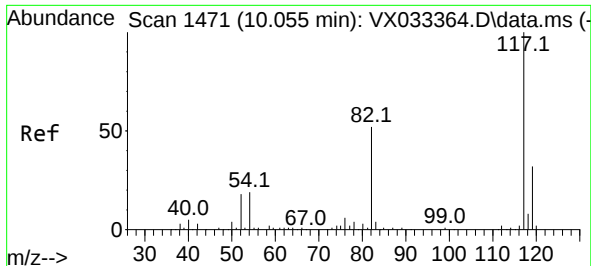
Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Tgt Ion:173 Resp: 22894

Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.6	59.4
254	9.3	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: VX033378.D

Acq: 12 Dec 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 117 Resp: 9842

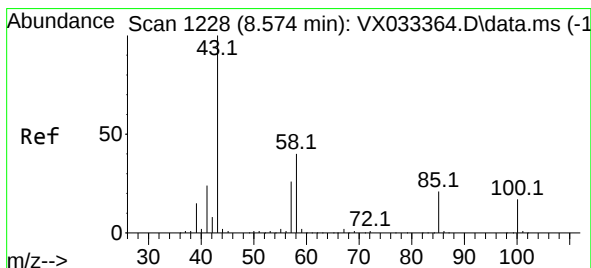
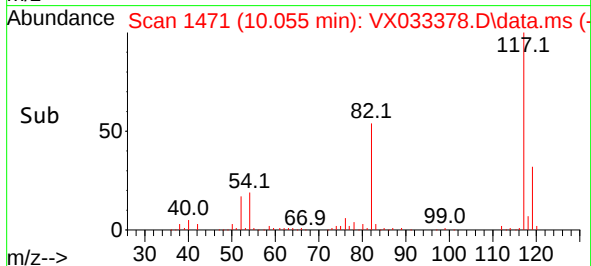
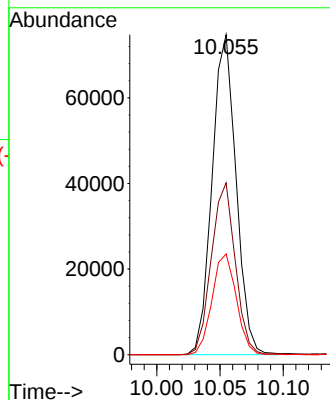
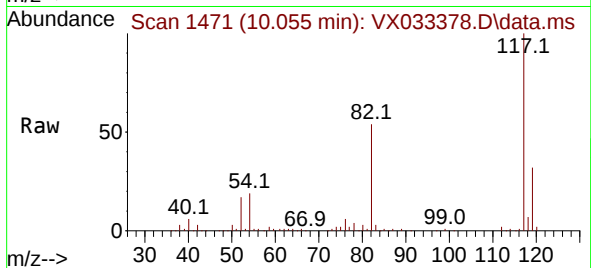
Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.7	65.5
119	31.9	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#58

4-Methyl-2-Pentanone

Concen: 103.608 ug/l

RT: 8.567 min Scan# 1227

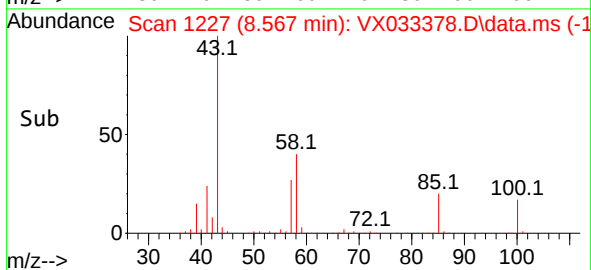
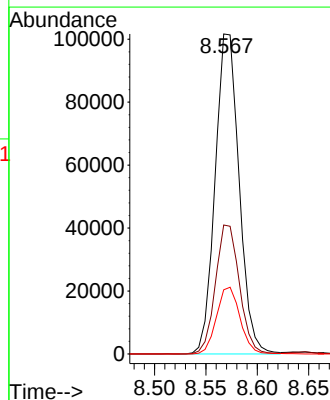
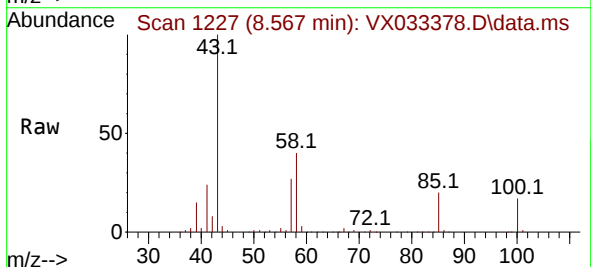
Delta R.T. -0.006 min

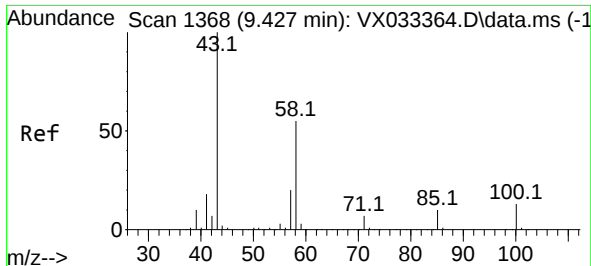
Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Tgt Ion: 43 Resp: 164908

Ion	Ratio	Lower	Upper
43	100		
58	40.3	32.3	48.5
85	20.5	16.6	24.8





#59

2-Hexanone

Concen: 101.128 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 12308

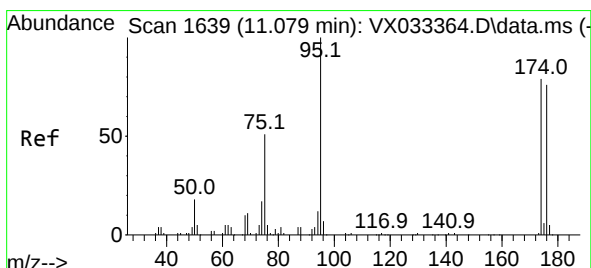
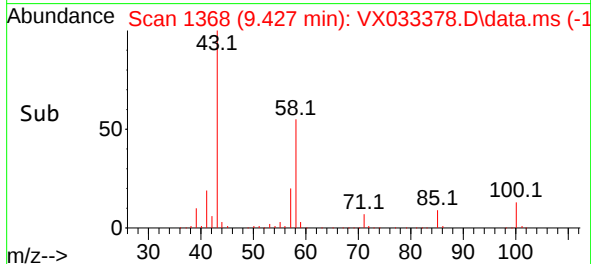
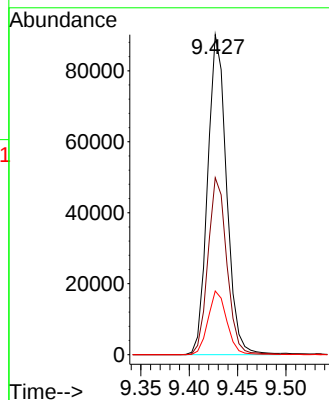
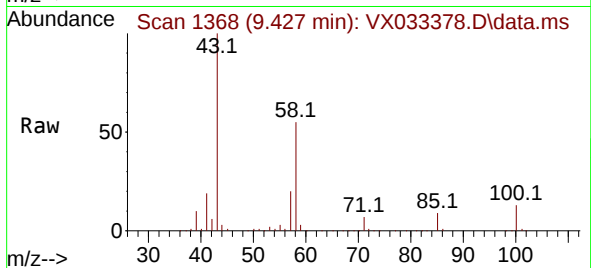
Ion	Ratio	Lower	Upper
43	100		
58	55.0	44.4	66.6
57	19.9	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#60

4-Bromofluorobenzene

Concen: 30.463 ug/l

RT: 11.079 min Scan# 1639

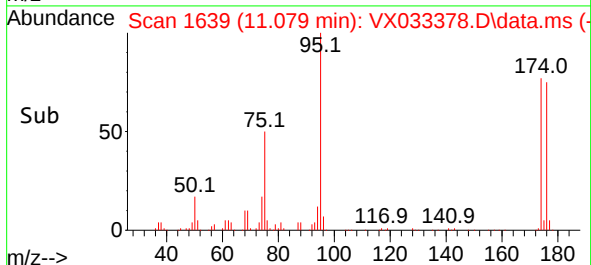
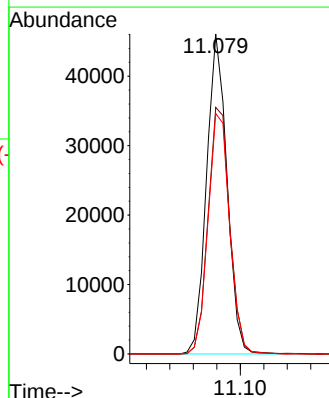
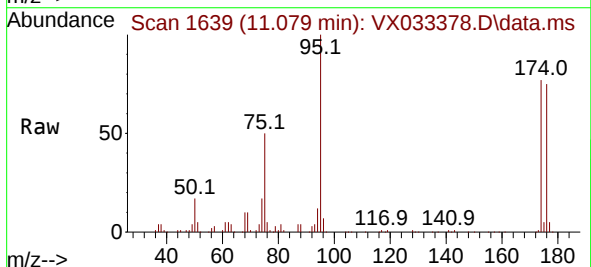
Delta R.T. -0.000 min

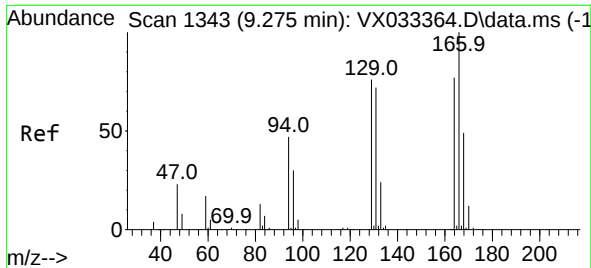
Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Tgt Ion: 95 Resp: 55533

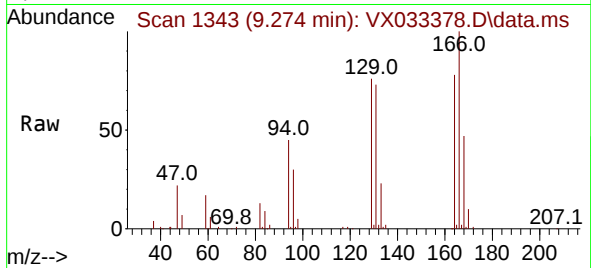
Ion	Ratio	Lower	Upper
95	100		
174	81.7	65.9	98.9
176	79.6	63.3	94.9





#61
Tetrachloroethene
Concen: 20.567 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

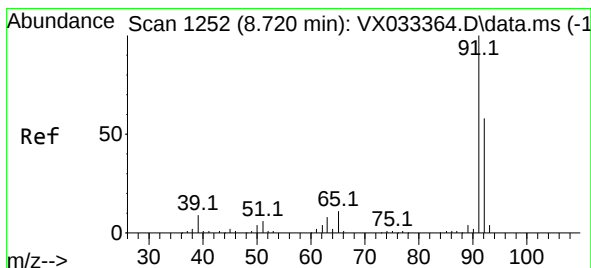
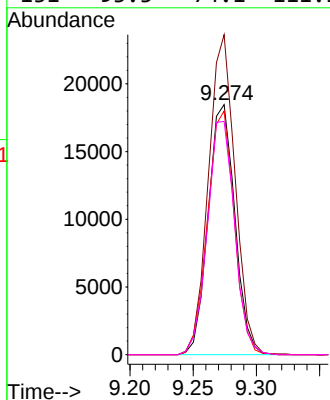
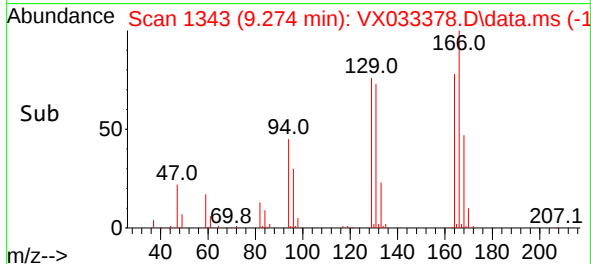
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 27108
Ion Ratio Lower Upper
164 100
166 128.0 103.3 154.9
129 97.5 78.3 117.5
131 93.3 74.1 111.1

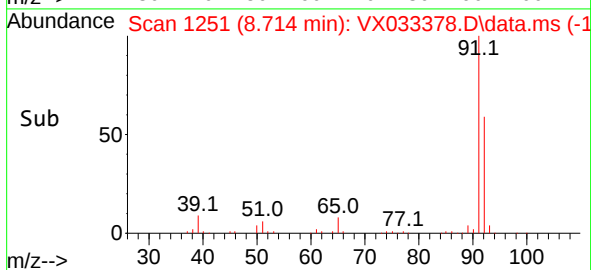
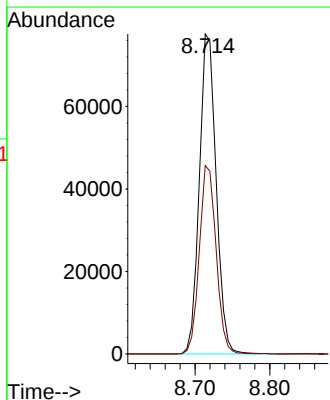
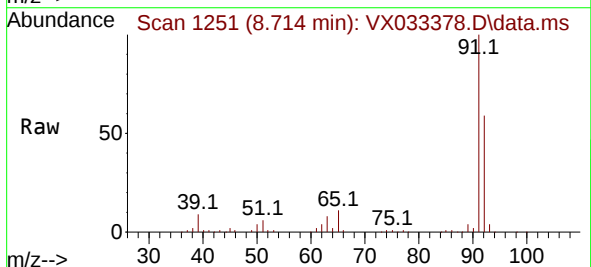
Manual Integrations
APPROVED

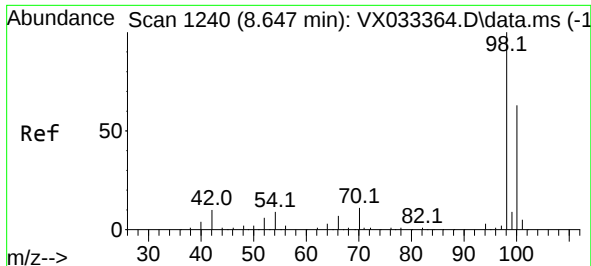
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#62
Toluene
Concen: 20.301 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

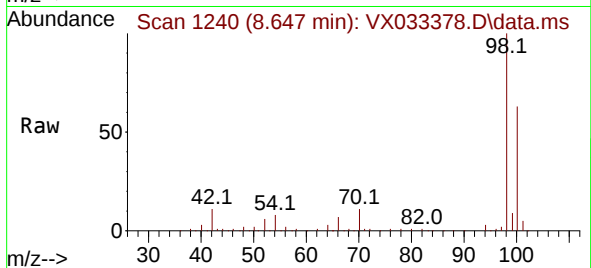
Tgt Ion: 91 Resp: 121289
Ion Ratio Lower Upper
91 100
92 58.9 46.2 69.2





#63
Toluene-d8
Concen: 30.128 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

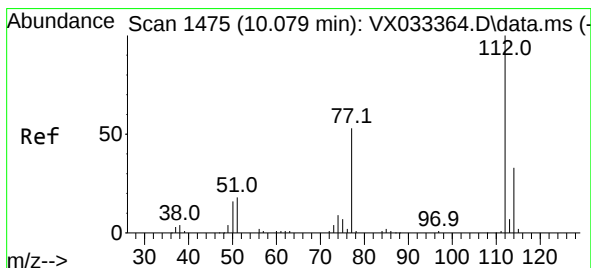
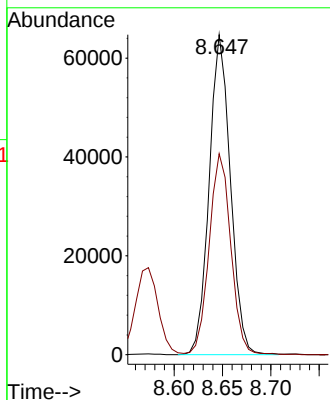
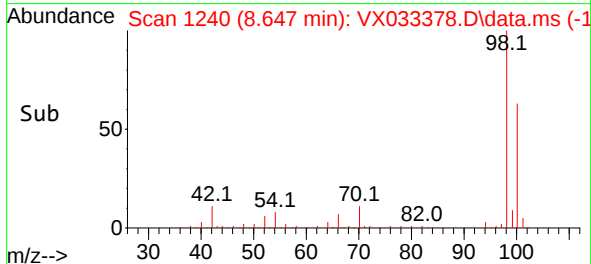
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



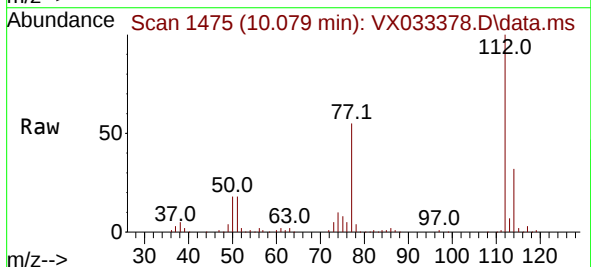
Tgt Ion: 98 Resp: 98644
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.2

Manual Integrations
APPROVED

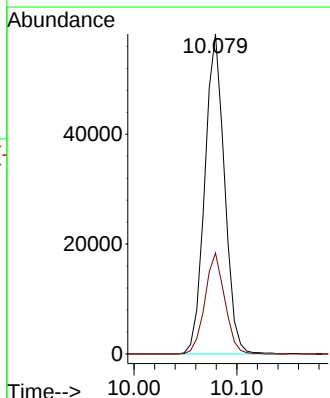
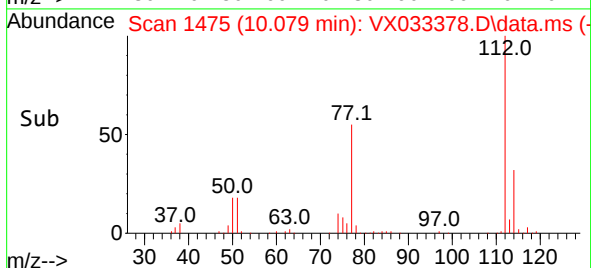
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

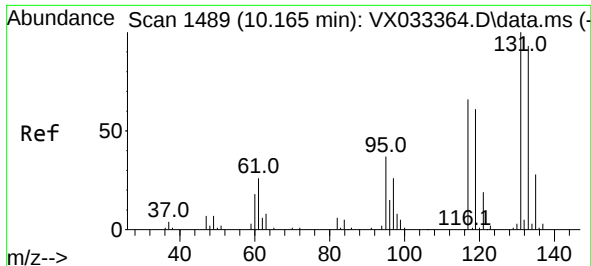


#64
Chlorobenzene
Concen: 20.550 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58



Tgt Ion:112 Resp: 77668
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.2





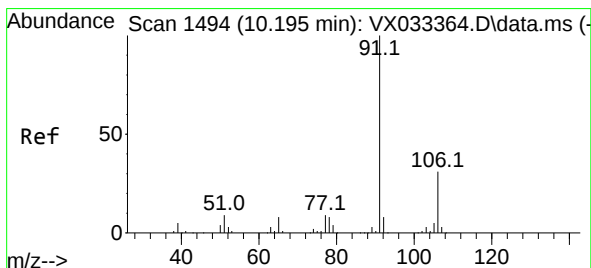
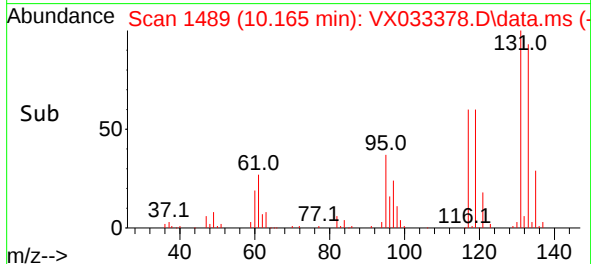
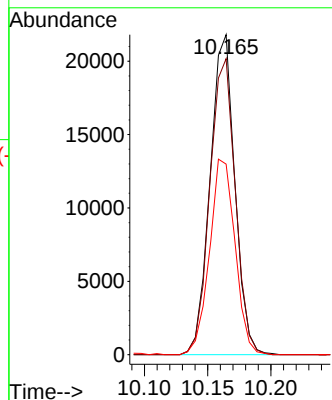
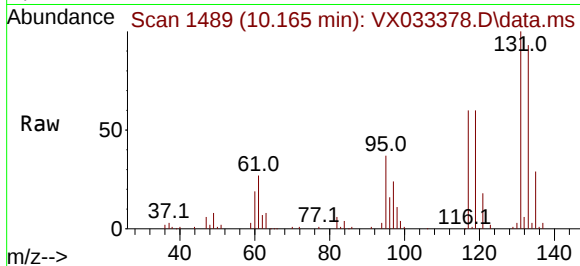
#65
1,1,1,2-Tetrachloroethane
Concen: 19.881 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 2967
Ion Ratio Lower Upper
131 100
133 95.2 0.0 187.6
119 63.1 0.0 124.2

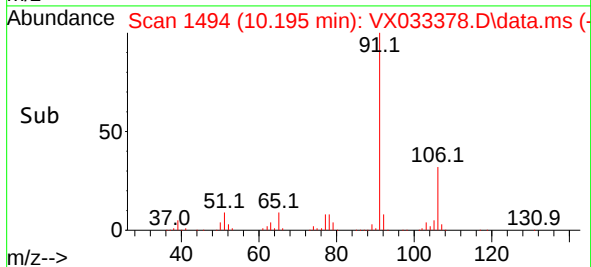
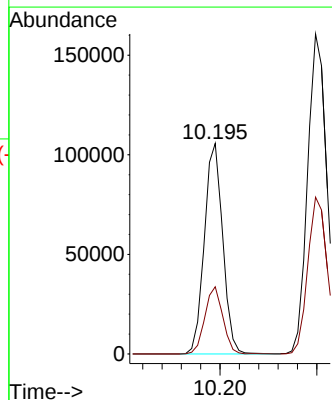
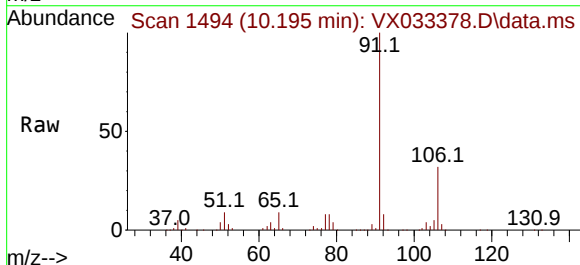
Manual Integrations
APPROVED

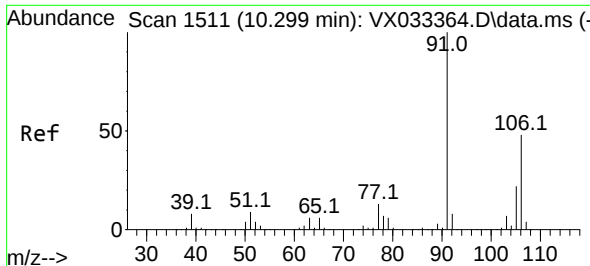
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#66
Ethyl Benzene
Concen: 20.772 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Tgt Ion: 91 Resp: 139840
Ion Ratio Lower Upper
91 100
106 31.9 24.8 37.2





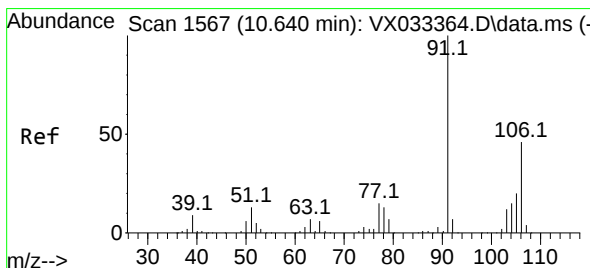
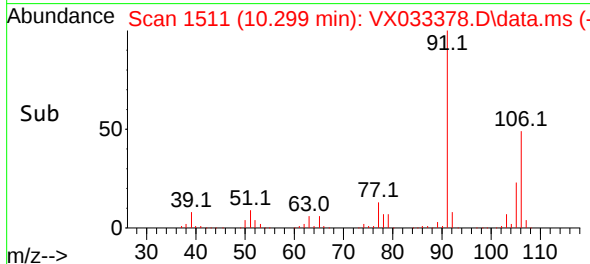
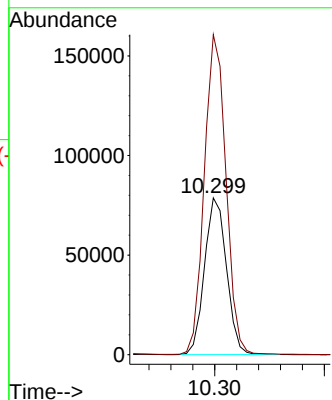
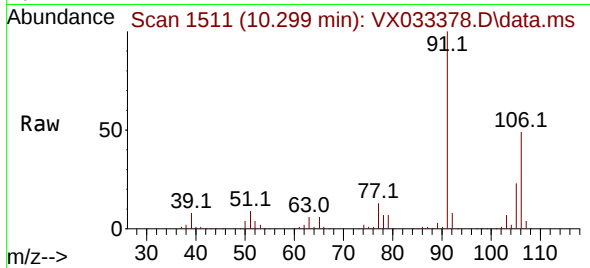
#67
m/p-Xylenes
Concen: 41.513 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 109239
Ion Ratio Lower Upper
106 100
91 202.3 165.4 248.2

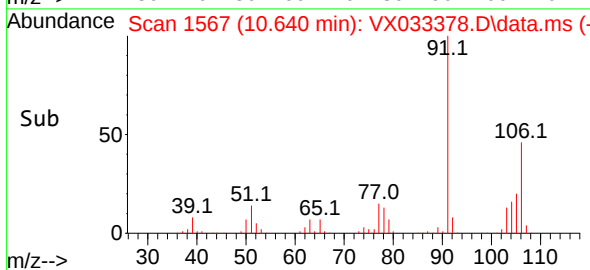
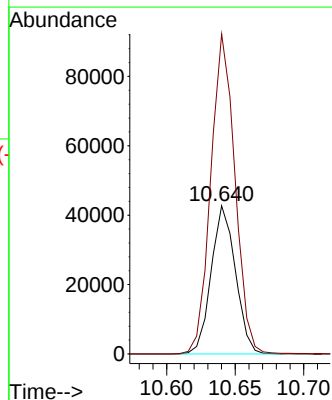
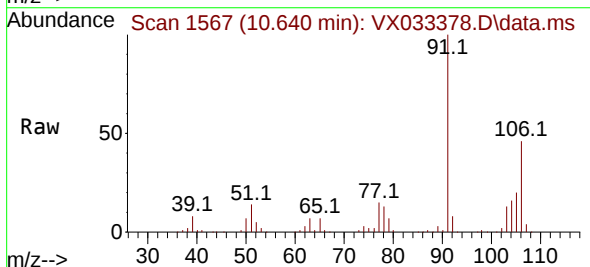
Manual Integrations
APPROVED

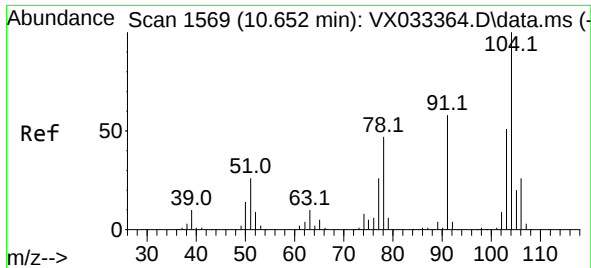
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#68
o-Xylene
Concen: 20.533 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Tgt Ion:106 Resp: 52646
Ion Ratio Lower Upper
106 100
91 215.5 108.0 324.0





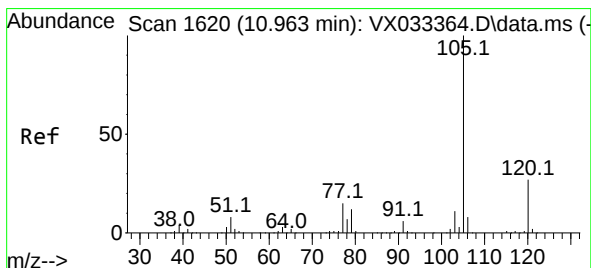
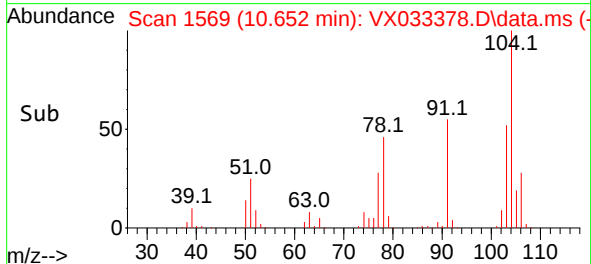
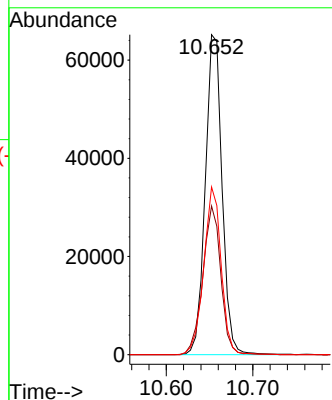
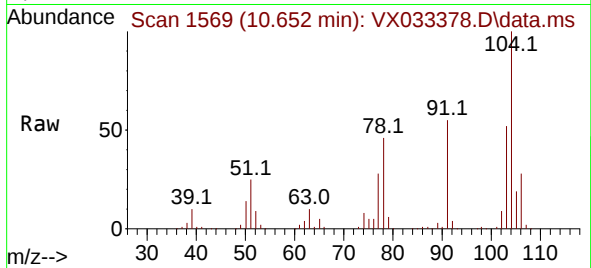
#69
Styrene
Concen: 20.640 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 87914
Ion Ratio Lower Upper
104 100
78 49.8 40.0 60.0
103 54.0 43.9 65.9

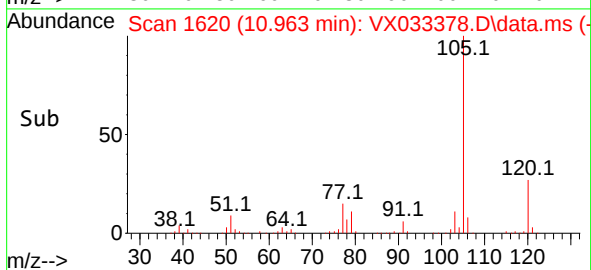
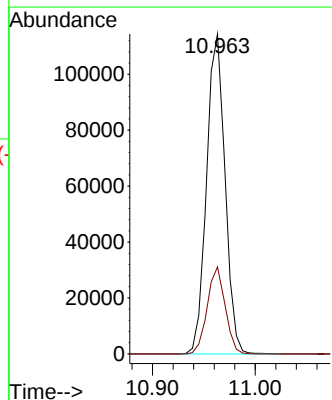
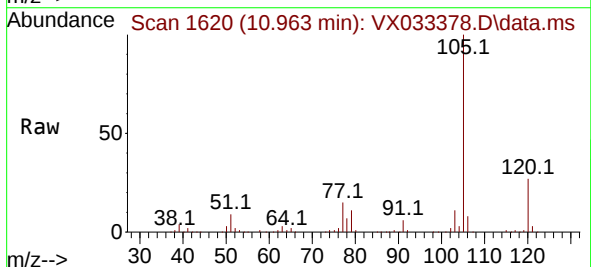
Manual Integrations
APPROVED

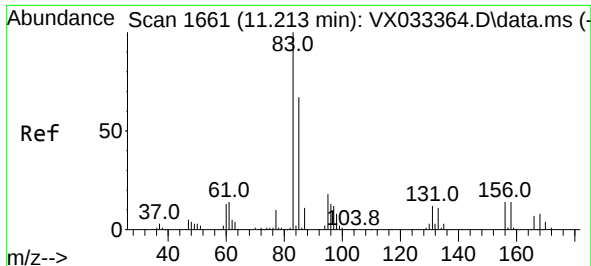
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#70
Isopropylbenzene
Concen: 20.994 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

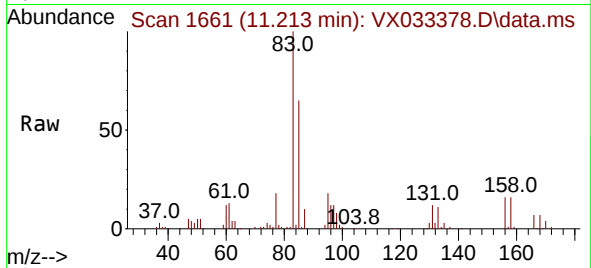
Tgt Ion:105 Resp: 142836
Ion Ratio Lower Upper
105 100
120 26.4 18.1 33.7





#71
1,1,2,2-Tetrachloroethane
Concen: 20.919 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

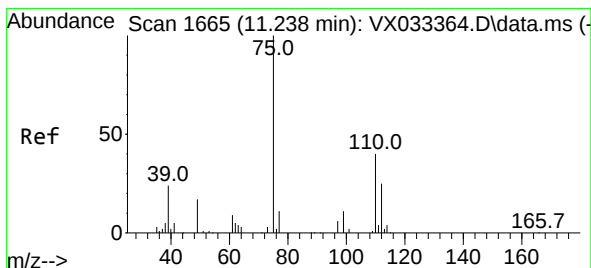
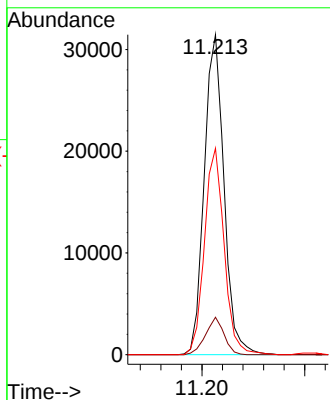
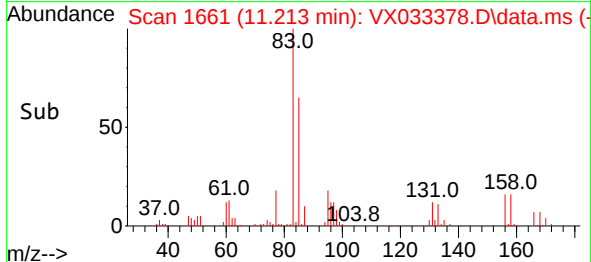
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



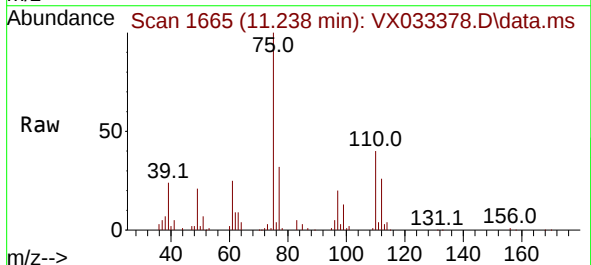
Tgt Ion: 83 Resp: 42092
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 64.4 32.6 97.7

Manual Integrations
APPROVED

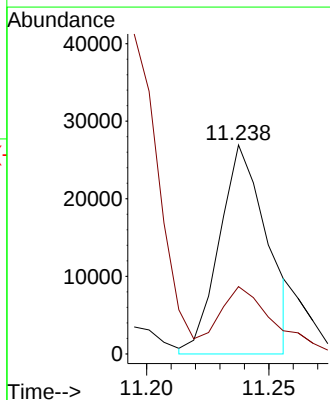
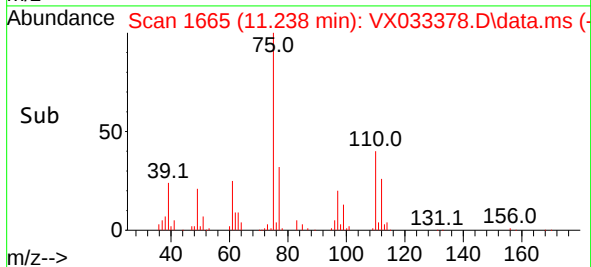
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

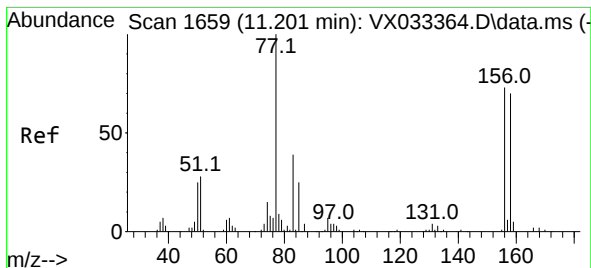


#72
1,2,3-Trichloropropane
Concen: 20.371 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58



Tgt Ion: 75 Resp: 36502
Ion Ratio Lower Upper
75 100
77 37.5 0.0 74.4





#73

Bromobenzene

Concen: 20.848 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

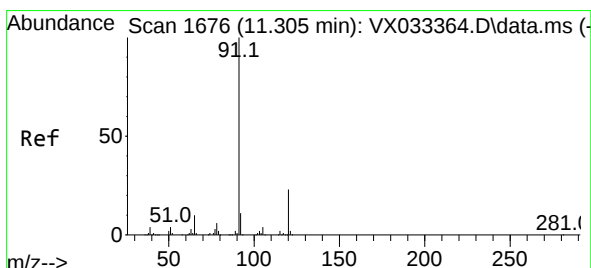
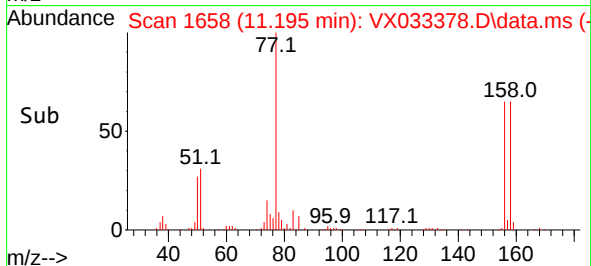
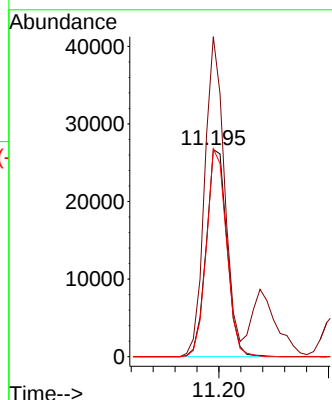
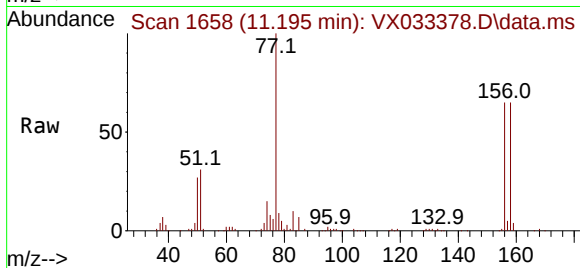
Tgt Ion:	156	Resp:	3509
Ion Ratio	Lower	Upper	
156	100		
77	146.9	0.0	298.6
158	97.2	0.0	193.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#74

n-propylbenzene

Concen: 20.752 ug/l

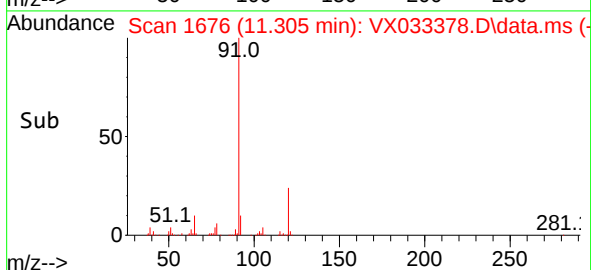
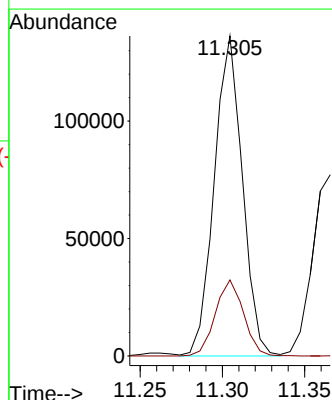
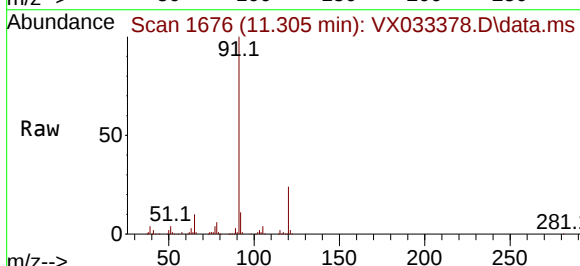
RT: 11.305 min Scan# 1676

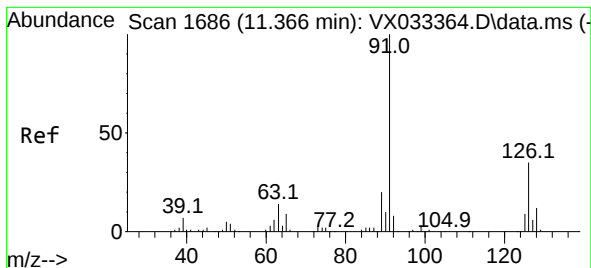
Delta R.T. -0.000 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Tgt Ion:	91	Resp:	161792
Ion Ratio	Lower	Upper	
91	100		
120	23.8	0.0	46.4





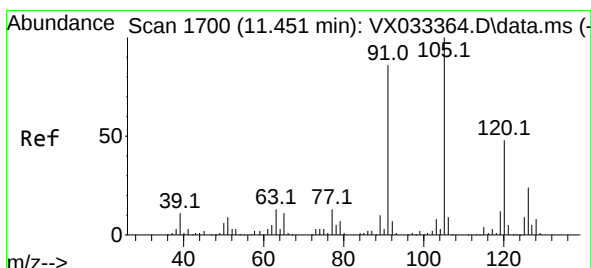
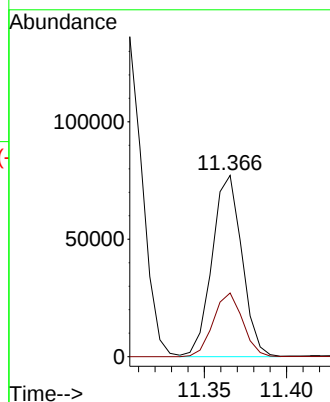
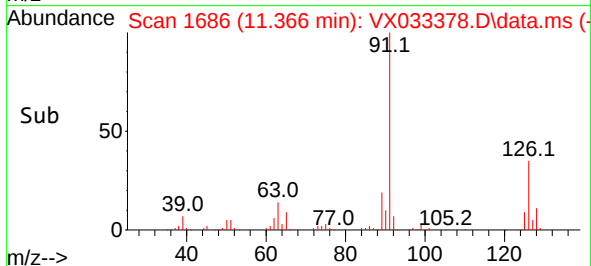
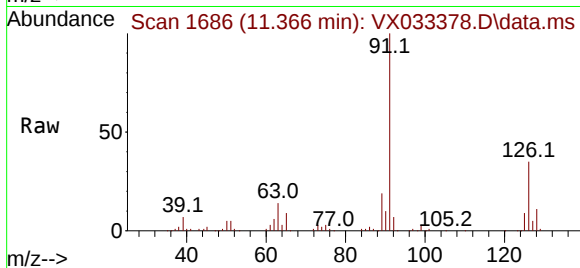
#75
2-Chlorotoluene
Concen: 20.823 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 97586
Ion Ratio Lower Upper
91 100
126 34.5 0.0 68.6

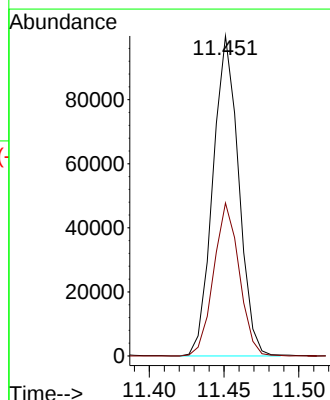
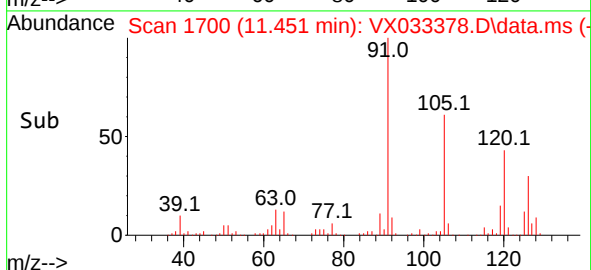
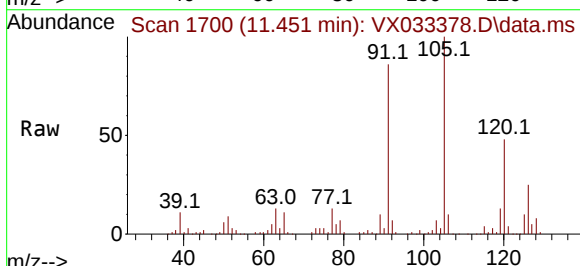
Manual Integrations
APPROVED

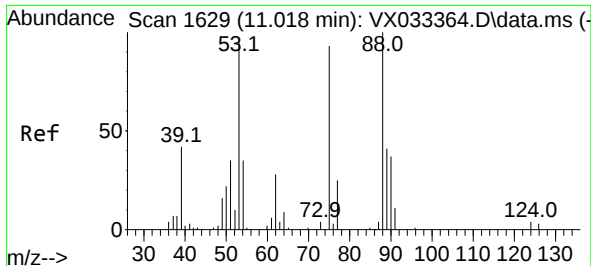
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.956 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

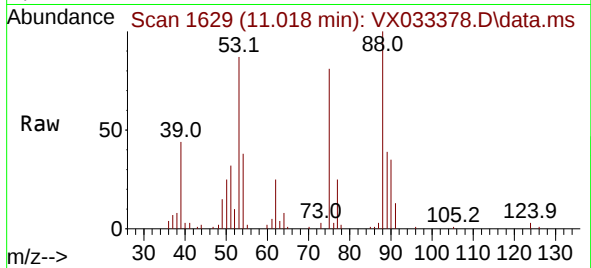
Tgt Ion:105 Resp: 119868
Ion Ratio Lower Upper
105 100
120 47.2 0.0 96.2





#77
t-1,4-Dichloro-2-butene
Concen: 15.710 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

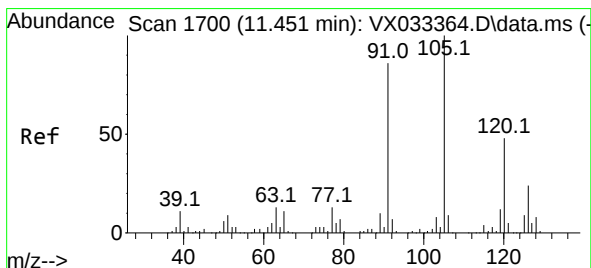
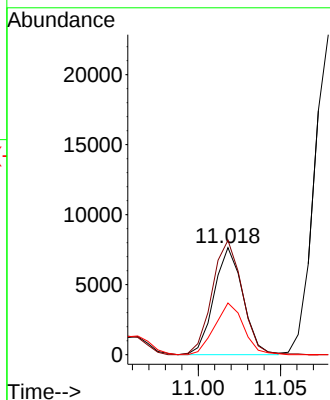
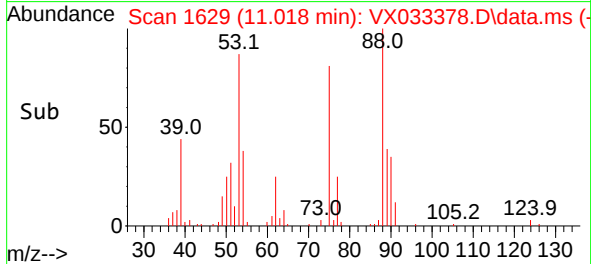
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 9360
Ion Ratio Lower Upper
75 100
53 106.9 51.4 154.3
89 48.2 22.2 66.6

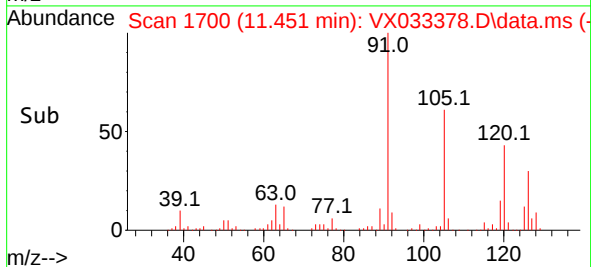
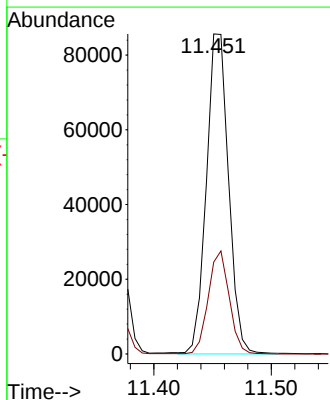
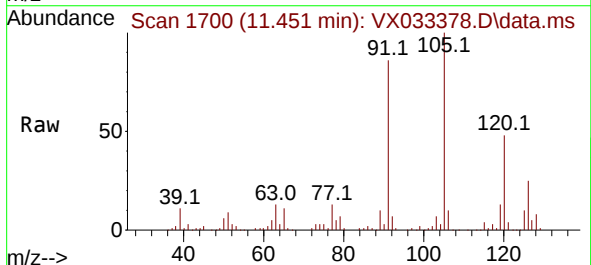
Manual Integrations
APPROVED

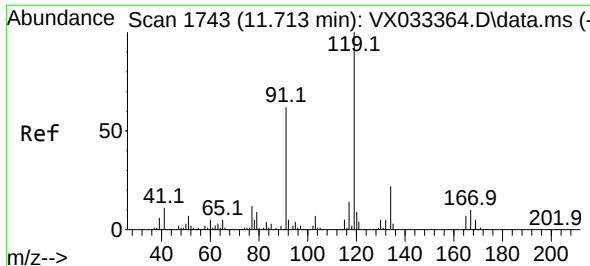
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#78
4-Chlorotoluene
Concen: 20.957 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

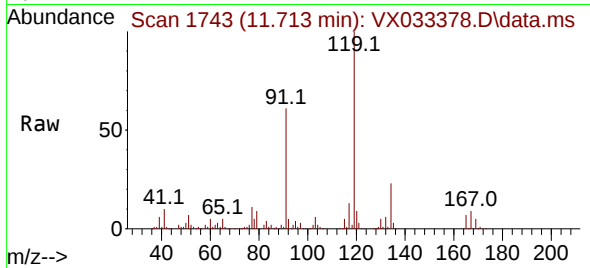
Tgt Ion: 91 Resp: 112547
Ion Ratio Lower Upper
91 100
126 30.4 0.0 59.4





#79
tert-butylbenzene
Concen: 20.996 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

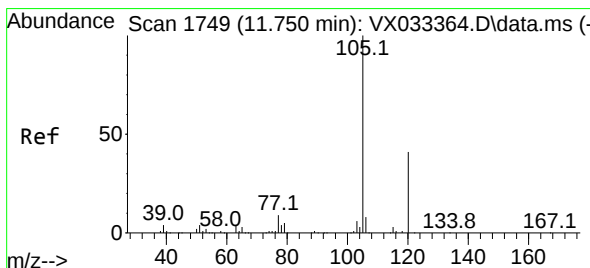
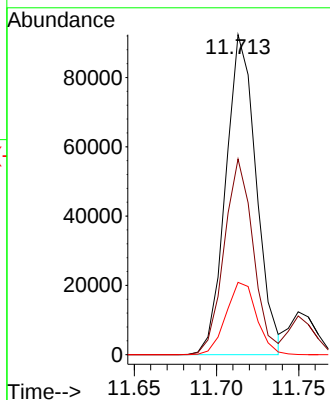
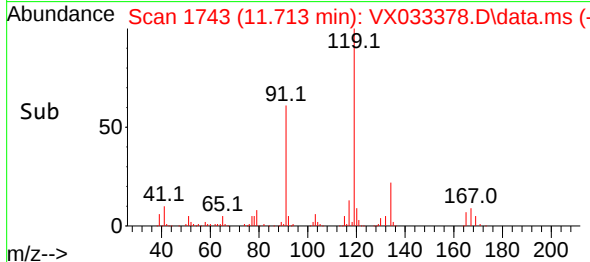
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:119 Resp: 119050
Ion Ratio Lower Upper
119 100
91 58.6 0.0 117.0
134 22.8 0.0 44.4

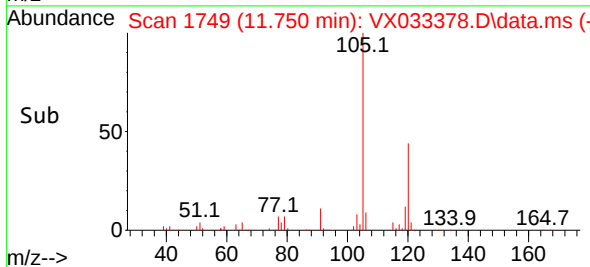
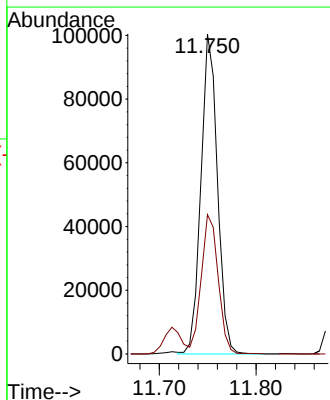
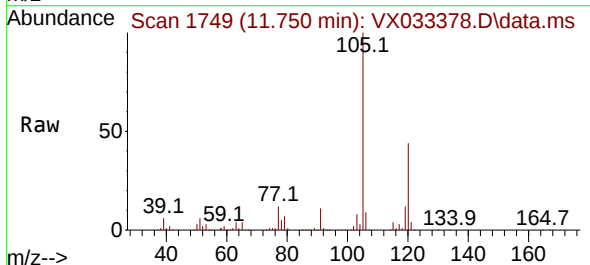
Manual Integrations
APPROVED

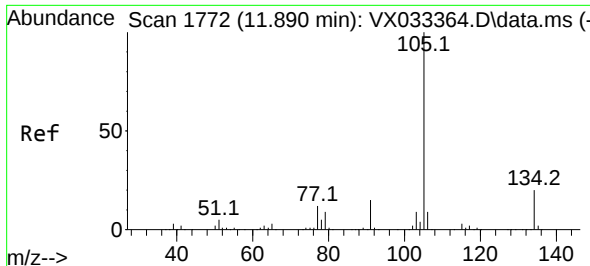
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#80
1,2,4-Trimethylbenzene
Concen: 21.249 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

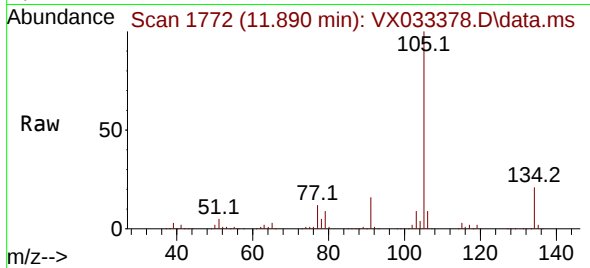
Tgt Ion:105 Resp: 119468
Ion Ratio Lower Upper
105 100
120 44.1 0.0 86.8





#81
sec-Butylbenzene
Concen: 21.156 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

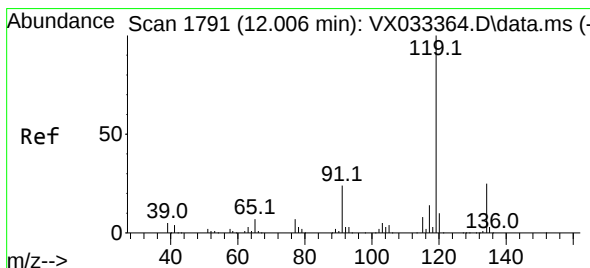
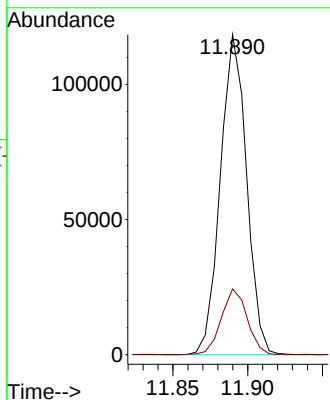
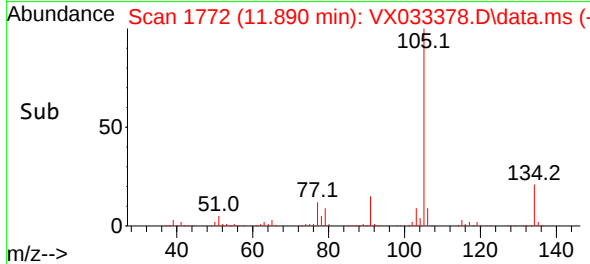
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



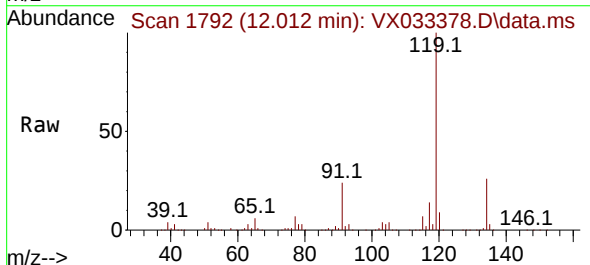
Tgt Ion:105 Resp: 14417
Ion Ratio Lower Upper
105 100
134 20.3 0.0 39.8

Manual Integrations
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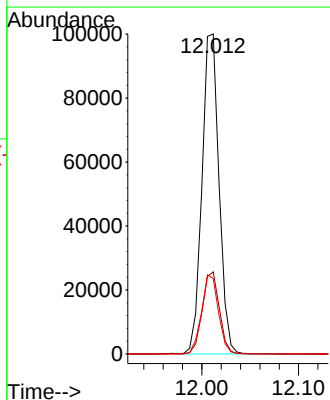
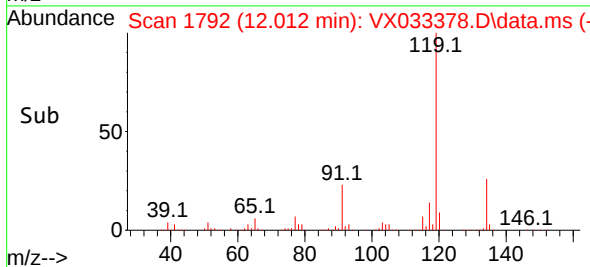
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

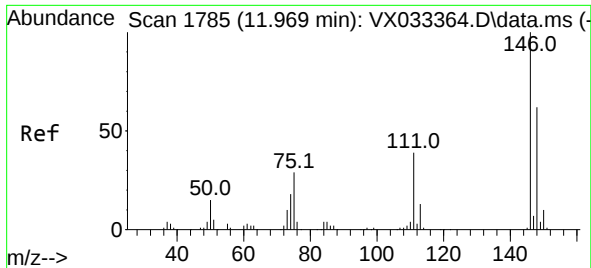


#82
p-Isopropyltoluene
Concen: 21.187 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58



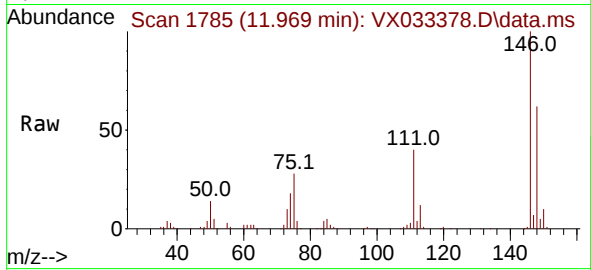
Tgt Ion:119 Resp: 123130
Ion Ratio Lower Upper
119 100
134 25.5 0.0 52.6
91 24.4 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 21.105 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

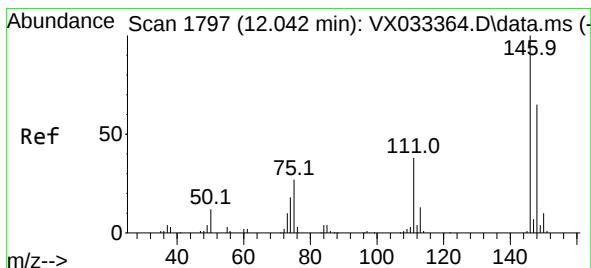
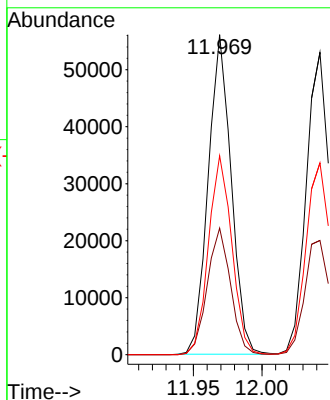
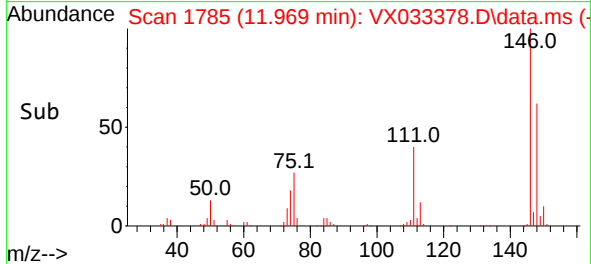
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



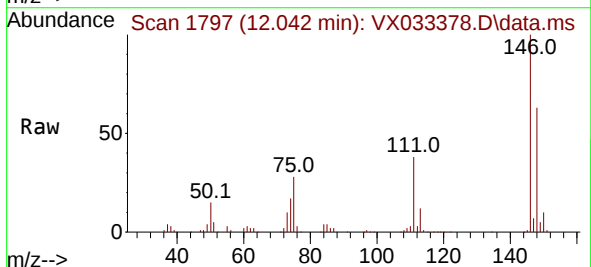
Tgt Ion:146 Resp: 65390
Ion Ratio Lower Upper
146 100
111 40.2 20.1 60.3
148 63.3 31.3 93.9

Manual Integrations
APPROVED

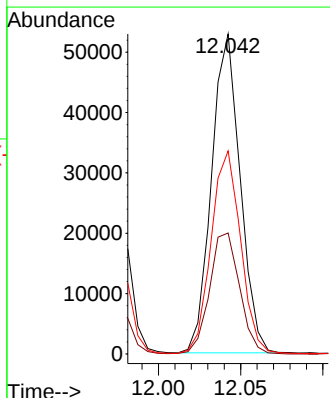
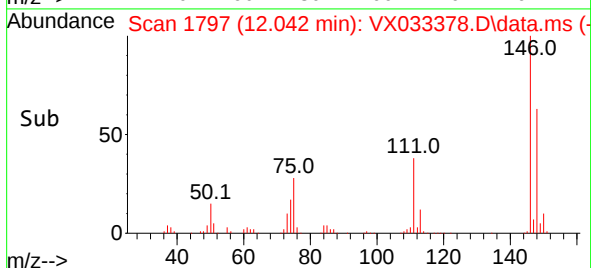
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

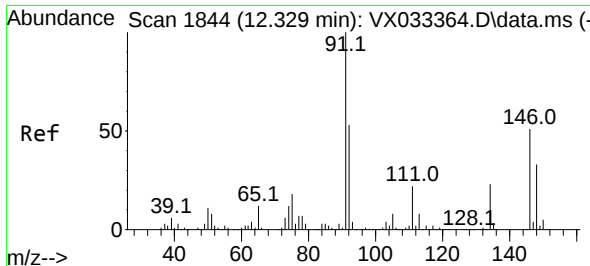


#84
1,4-Dichlorobenzene
Concen: 20.528 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58



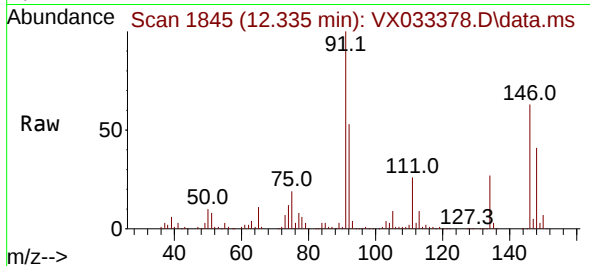
Tgt Ion:146 Resp: 64018
Ion Ratio Lower Upper
146 100
111 39.8 19.1 57.1
148 65.9 32.2 96.6





#85
n-Butylbenzene
Concen: 20.707 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

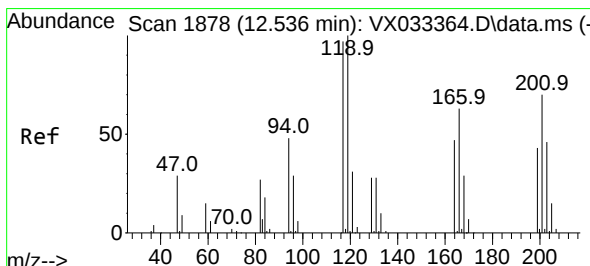
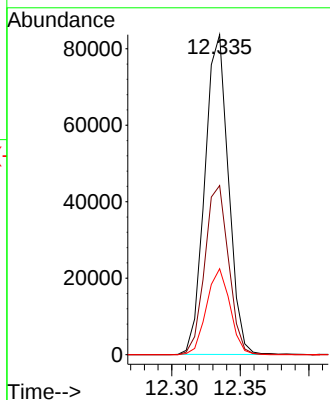
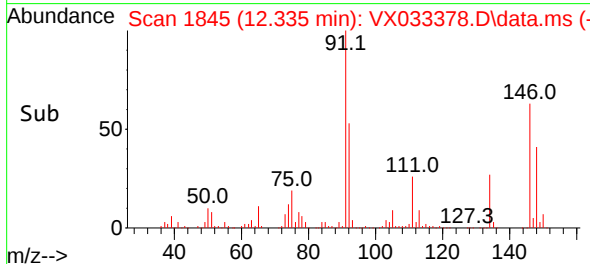
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 10045
Ion Ratio Lower Upper
91 100
92 53.4 0.0 106.8
134 26.7 0.0 51.8

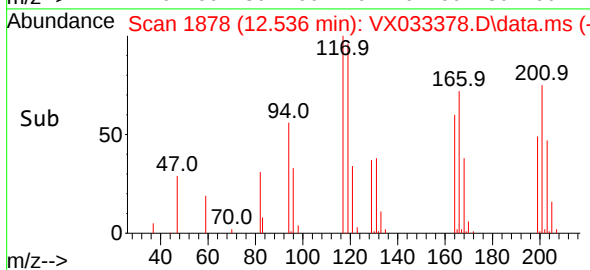
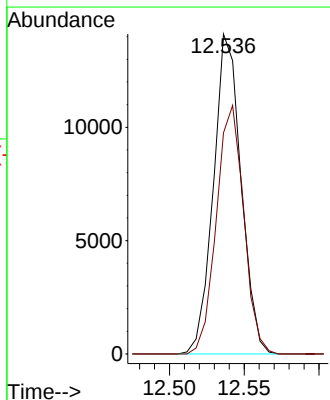
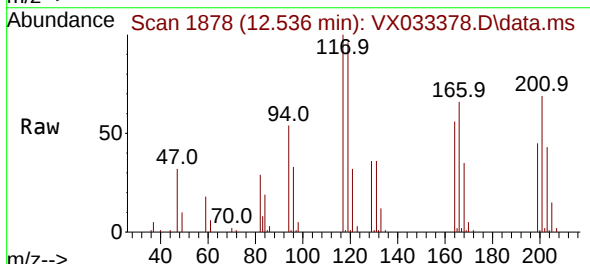
Manual Integrations
APPROVED

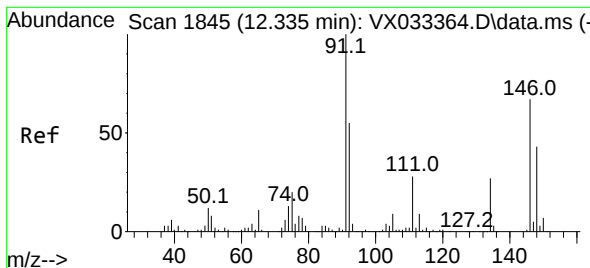
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#86
Hexachloroethane
Concen: 17.545 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Tgt Ion:117 Resp: 18098
Ion Ratio Lower Upper
117 100
201 77.1 40.4 121.2





#87

1,2-Dichlorobenzene

Concen: 21.123 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

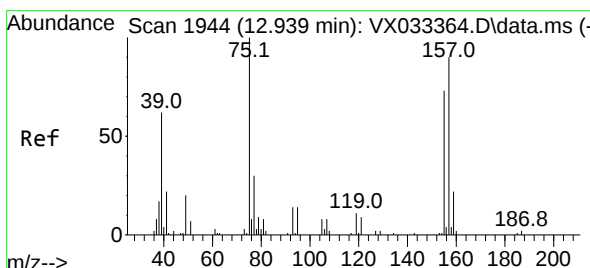
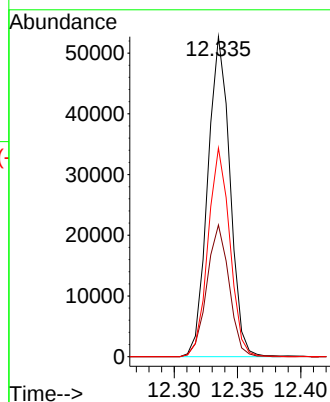
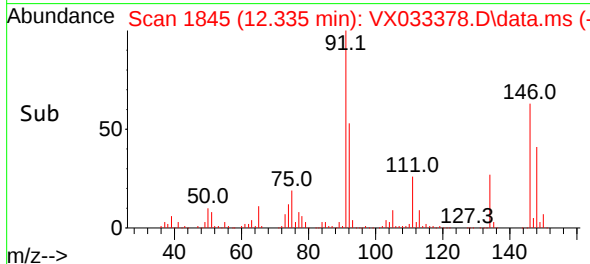
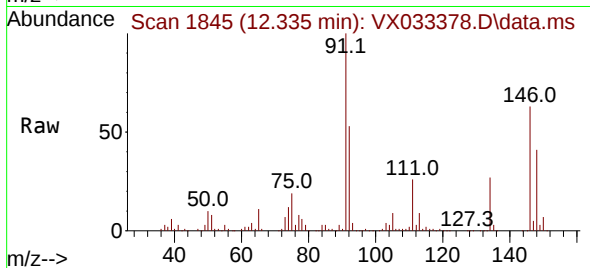
Tgt Ion:146 Resp: 6448
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.9 62.8
 148 63.9 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.463 ug/l

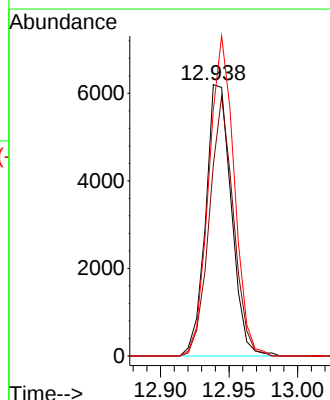
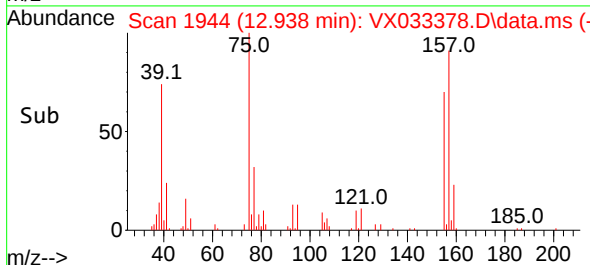
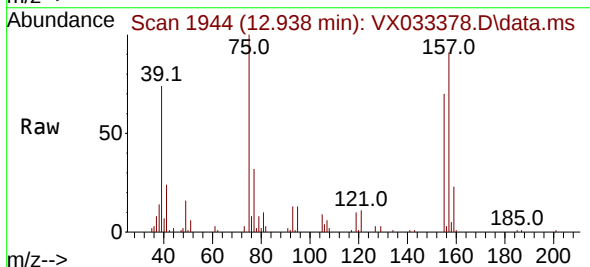
RT: 12.938 min Scan# 1944

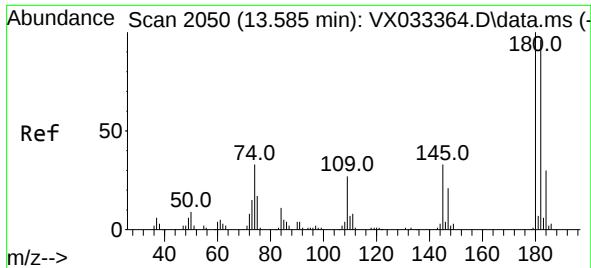
Delta R.T. -0.000 min

Lab File: VX033378.D

Acq: 12 Dec 2022 16:58

Tgt Ion: 75 Resp: 8094
 Ion Ratio Lower Upper
 75 100
 155 89.2 69.6 104.4
 157 115.8 84.8 127.2





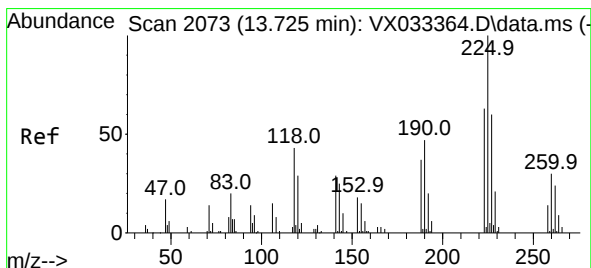
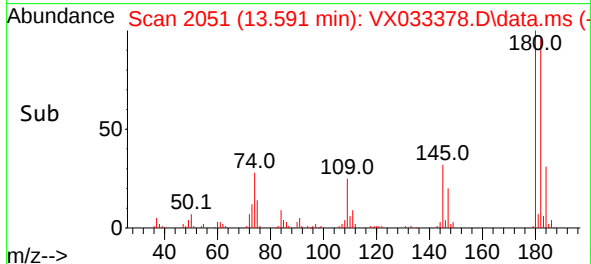
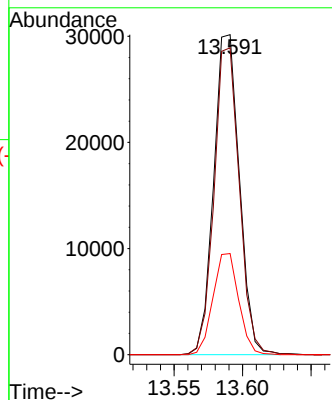
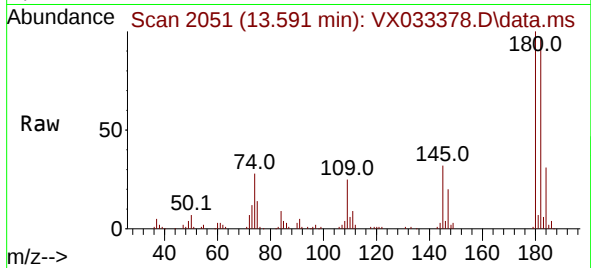
#89
1,2,4-Trichlorobenzene
Concen: 20.839 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:180 Resp: 3930
Ion Ratio Lower Upper
180 100
182 94.4 78.4 117.6
145 31.6 25.4 38.2

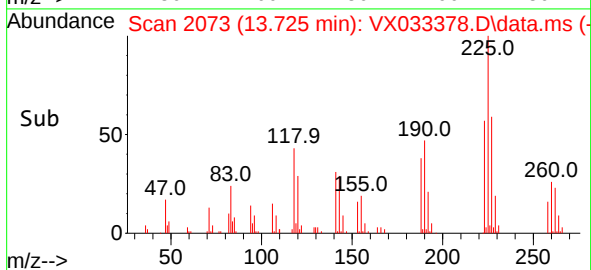
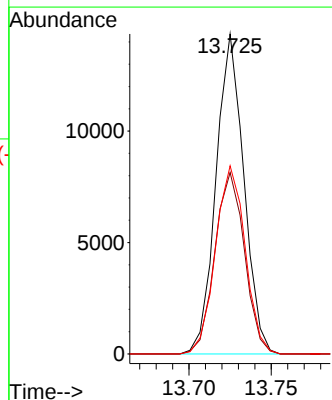
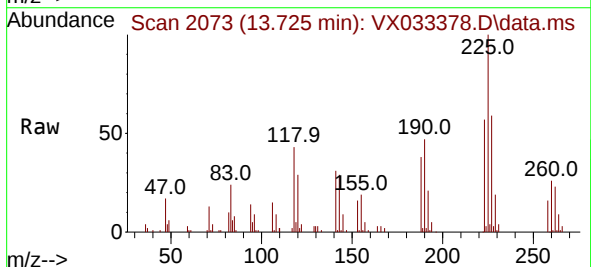
Manual Integrations
APPROVED

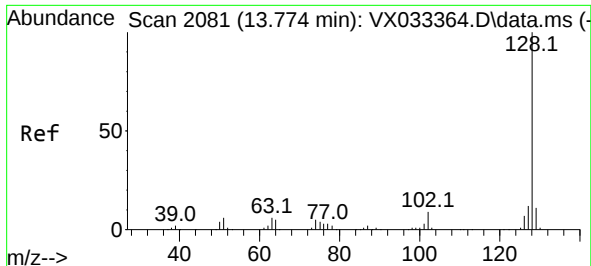
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#90
Hexachlorobutadiene
Concen: 21.095 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

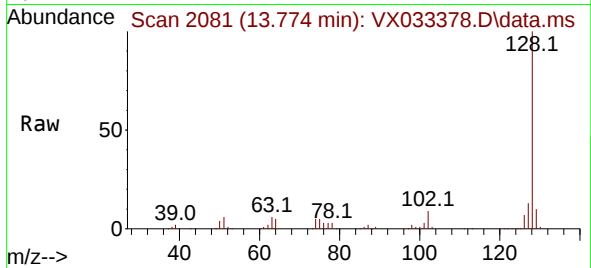
Tgt Ion:225 Resp: 16881
Ion Ratio Lower Upper
225 100
223 60.5 0.0 125.6
227 62.8 0.0 125.4





#91
Naphthalene
Concen: 20.646 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58

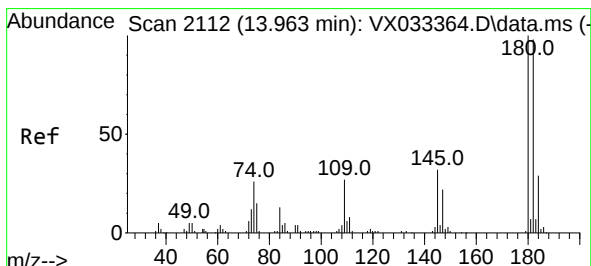
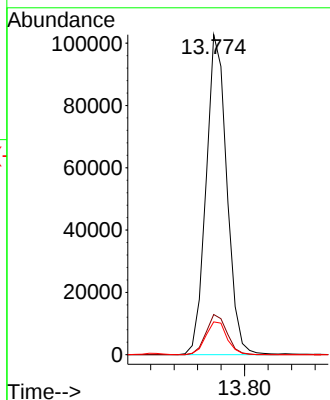
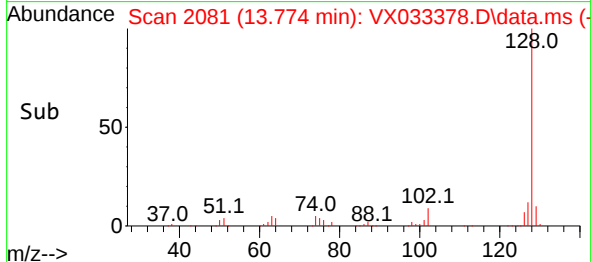
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



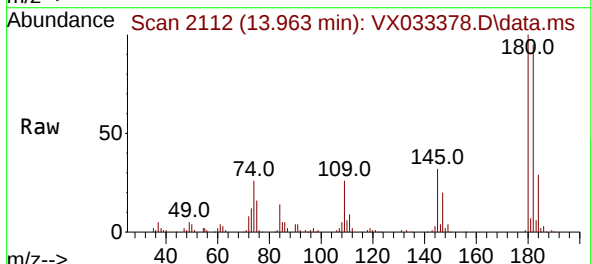
Tgt Ion:128 Resp: 126019
Ion Ratio Lower Upper
128 100
127 12.7 9.9 14.9
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#92
1,2,3-Trichlorobenzene
Concen: 20.722 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033378.D
Acq: 12 Dec 2022 16:58



Tgt Ion:180 Resp: 39137
Ion Ratio Lower Upper
180 100
182 93.2 0.0 194.2
145 32.9 0.0 68.0

