

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022723\
 Data File : VX034271.D
 Acq On : 27 Feb 2023 11:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 28 04:07:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/28/2023
 Supervised By : Mahesh Dadoda 02/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	326877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	530191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	486284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	246583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	185660	42.174	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.340%		
35) Dibromofluoromethane	5.379	113	155744	45.116	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.240%		
50) Toluene-d8	8.647	98	585111	47.209	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.420%		
62) 4-Bromofluorobenzene	11.079	95	238861	50.384	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	135559	47.993	ug/l	98
3) Chloromethane	1.301	50	189305	46.573	ug/l	100
4) Vinyl Chloride	1.374	62	188544	50.933	ug/l	100
5) Bromomethane	1.599	94	84697	61.930	ug/l	99
6) Chloroethane	1.679	64	106268	57.103	ug/l	98
7) Trichlorofluoromethane	1.886	101	281768	56.262	ug/l	99
8) Diethyl Ether	2.130	74	103895	51.493	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	166894	47.320	ug/l	95
10) Methyl Iodide	2.453	142	193849	45.141	ug/l	94
11) Tert butyl alcohol	2.953	59	207848	211.094	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	158483	44.826	ug/l	96
13) Acrolein	2.233	56	115219	256.349	ug/l	98
14) Allyl chloride	2.660	41	327822	43.711	ug/l	89
15) Acrylonitrile	3.056	53	507166	236.113	ug/l	99
16) Acetone	2.374	43	518174	228.180	ug/l	94
17) Carbon Disulfide	2.508	76	413428	40.672	ug/l	99
18) Methyl Acetate	2.697	43	336132	47.836	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	601525	48.206	ug/l	97
20) Methylene Chloride	2.788	84	183541	44.856	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	175687	47.422	ug/l	98
22) Diisopropyl ether	3.757	45	675593	51.383	ug/l	92
23) Vinyl Acetate	3.715	43	2605997	247.387	ug/l	99
24) 1,1-Dichloroethane	3.605	63	341601	47.326	ug/l	99
25) 2-Butanone	4.550	43	772471	235.094	ug/l	99
26) 2,2-Dichloropropane	4.471	77	305364	46.701	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	211521	48.215	ug/l	94
28) Bromochloromethane	4.891	49	139919	43.454	ug/l	87
29) Tetrahydrofuran	4.995	42	473766	236.354	ug/l	99
30) Chloroform	5.086	83	347464	50.132	ug/l	98
31) Cyclohexane	5.464	56	307433	46.775	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	303697	48.880	ug/l	99
36) 1,1-Dichloropropene	5.690	75	252860	49.529	ug/l	99
37) Ethyl Acetate	4.708	43	287769	50.436	ug/l	99
38) Carbon Tetrachloride	5.672	117	265963	50.627	ug/l	99
39) Methylcyclohexane	7.373	83	321167	48.885	ug/l	99
40) Benzene	6.031	78	759352	50.191	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	164208	51.655	ug/l	99
42) 1,2-Dichloroethane	6.086	62	270236	50.786	ug/l	99
43) Isopropyl Acetate	6.330	43	504134	50.071	ug/l	99
44) Trichloroethene	7.123	130	197809	50.949	ug/l	92
45) 1,2-Dichloropropane	7.428	63	201545	50.042	ug/l	97
46) Dibromomethane	7.580	93	133976	50.545	ug/l	88
47) Bromodichloromethane	7.818	83	273265	50.236	ug/l	97
48) Methyl methacrylate	7.690	41	236514	49.492	ug/l	98
49) 1,4-Dioxane	7.659	88	91233	957.130	ug/l #	100
51) 4-Methyl-2-Pentanone	8.568	43	1481172	267.385	ug/l	99
52) Toluene	8.714	92	487880	53.220	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	325233	51.943	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	340343	50.774	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	198672	53.691	ug/l	99
56) Ethyl methacrylate	9.116	69	332013	53.040	ug/l	96
57) 1,3-Dichloropropane	9.305	76	340199	52.843	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	694639	256.171	ug/l	95
59) 2-Hexanone	9.427	43	1147529	271.819	ug/l	98
60) Dibromochloromethane	9.519	129	220936	54.037	ug/l	100
61) 1,2-Dibromoethane	9.610	107	209701	53.585	ug/l	99
64) Tetrachloroethene	9.269	164	166767	48.591	ug/l	93
65) Chlorobenzene	10.079	112	520181	51.317	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	200056	50.981	ug/l	98
67) Ethyl Benzene	10.195	91	950412	52.189	ug/l	99
68) m/p-Xylenes	10.299	106	730490	104.819	ug/l	95
69) o-Xylene	10.640	106	365110	52.624	ug/l	95
70) Styrene	10.653	104	606433	53.743	ug/l	95
71) Bromoform	10.799	173	167329	52.240	ug/l #	99
73) Isopropylbenzene	10.963	105	948062	50.448	ug/l	100
74) N-amyl acetate	10.842	43	466452	49.406	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	316801	49.287	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	269093m	43.369	ug/l	
77) Bromobenzene	11.195	156	227082	50.212	ug/l	82
78) n-propylbenzene	11.305	91	1135821	51.968	ug/l	97
79) 2-Chlorotoluene	11.366	91	684407	51.068	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	804385	50.910	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	116603	48.277	ug/l	93
82) 4-Chlorotoluene	11.451	91	784439	51.390	ug/l	95
83) tert-Butylbenzene	11.713	119	822462	50.826	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	810359	50.725	ug/l	97
85) sec-Butylbenzene	11.890	105	1029676	52.398	ug/l	98
86) p-Isopropyltoluene	12.006	119	849650	52.244	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	436633	51.481	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	437774	51.173	ug/l	96
89) n-Butylbenzene	12.329	91	775645	53.548	ug/l	98
90) Hexachloroethane	12.536	117	171652	50.480	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	424785	51.189	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	72384	47.225	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	280025	52.560	ug/l	97
94) Hexachlorobutadiene	13.725	225	117639	53.264	ug/l	98
95) Naphthalene	13.774	128	899606	50.124	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	268863	50.832	ug/l	97

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MSVOA_X
ClientSampleId :
VSTDCCC050

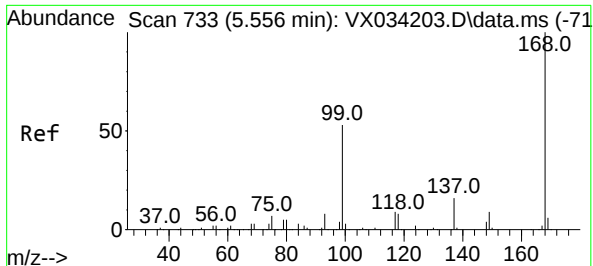
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/28/2023

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Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

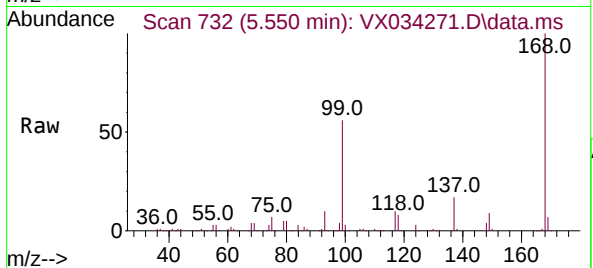
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

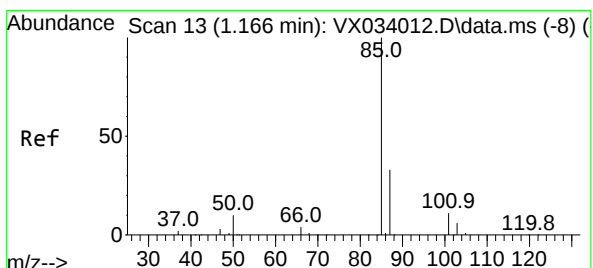
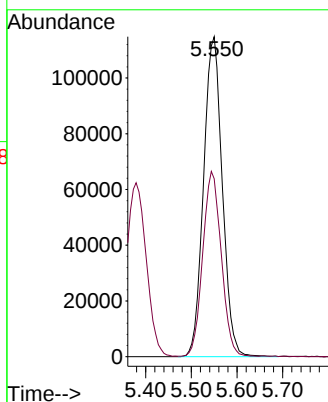
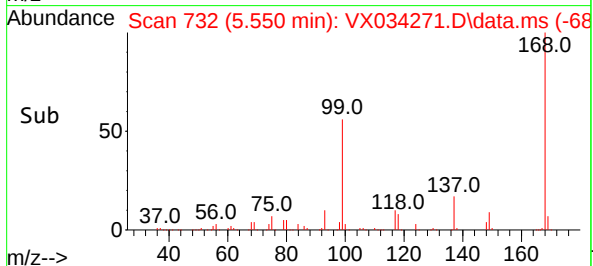
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 32687
Ion Ratio Lower Upper
168 100
99 55.6 39.6 59.4

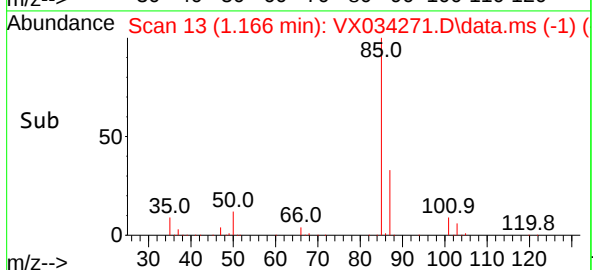
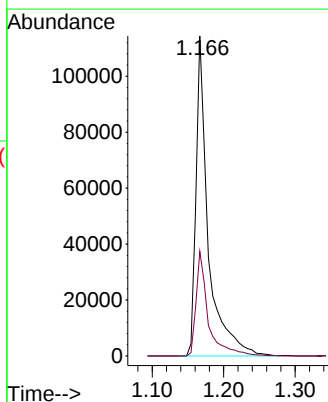
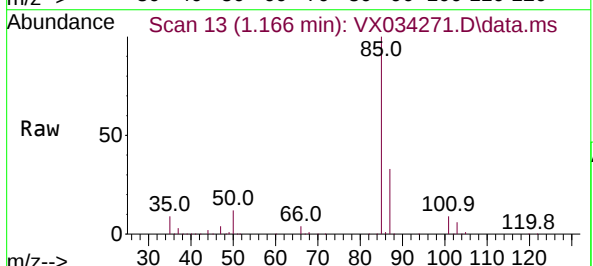
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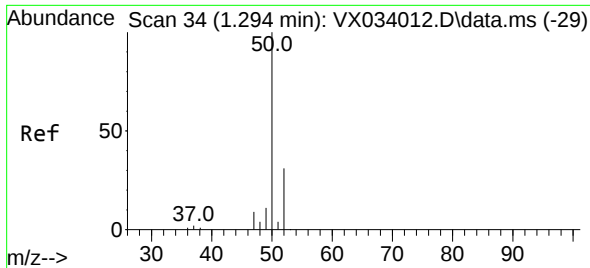
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#2
Dichlorodifluoromethane
Concen: 47.993 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

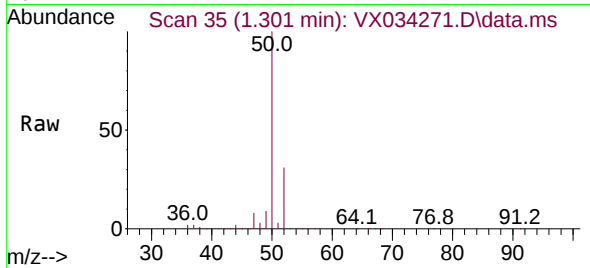
Tgt Ion: 85 Resp: 135559
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.4





#3
Chloromethane
Concen: 46.573 ug/l
RT: 1.301 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

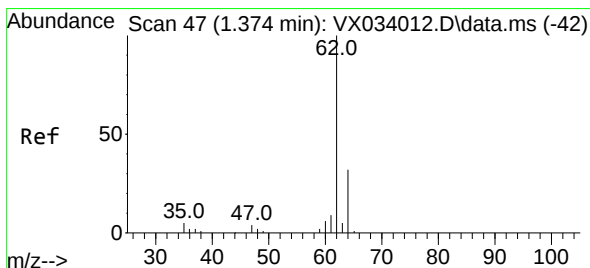
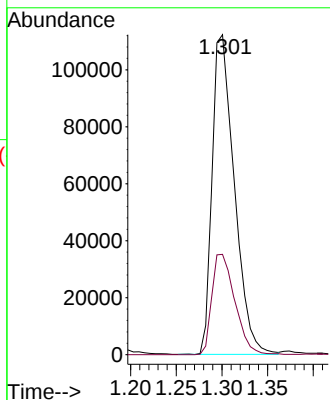
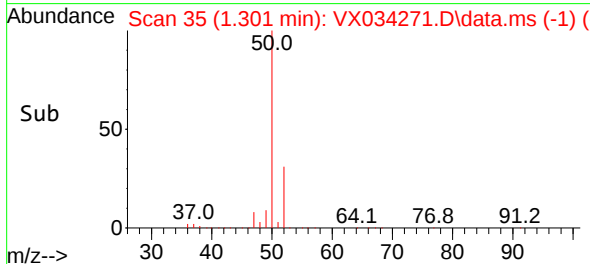
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 189305
Ion Ratio Lower Upper
50 100
52 31.4 25.2 37.8

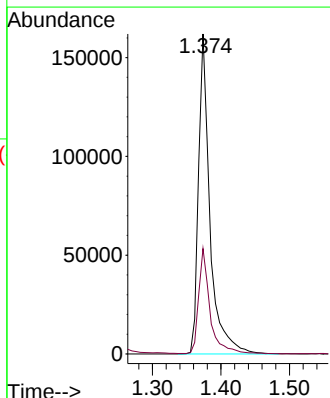
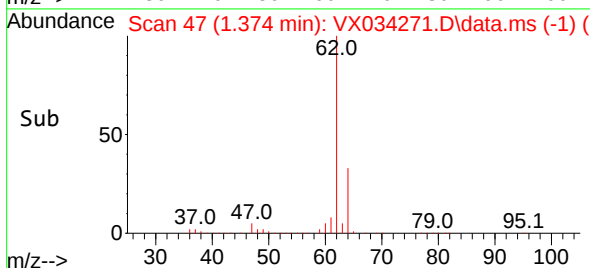
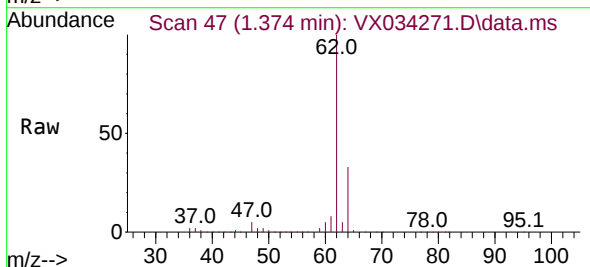
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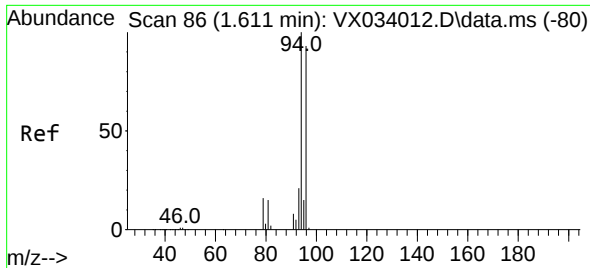
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#4
Vinyl Chloride
Concen: 50.933 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

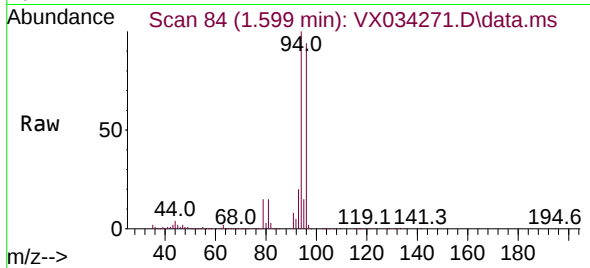
Tgt Ion: 62 Resp: 188544
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.4





#5
Bromomethane
Concen: 61.930 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

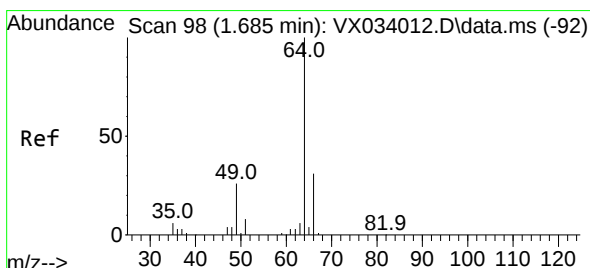
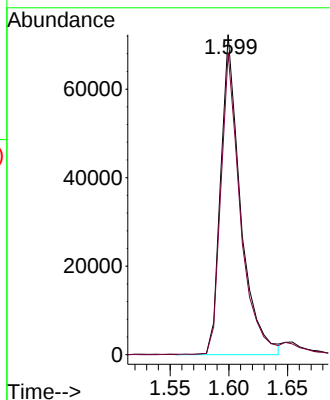
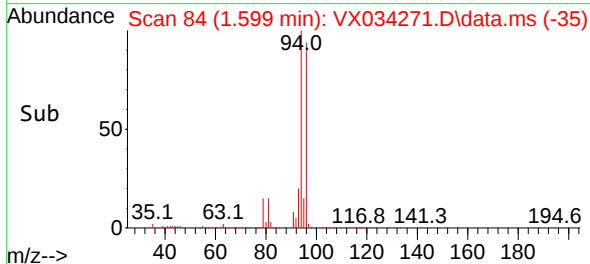
Instrument :
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Tgt Ion: 94 Resp: 8469
Ion Ratio Lower Upper
94 100
96 94.1 74.3 111.5

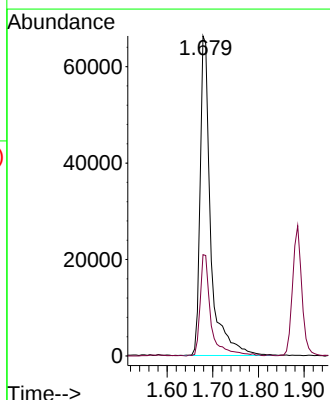
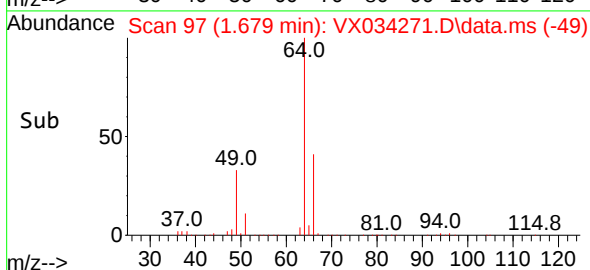
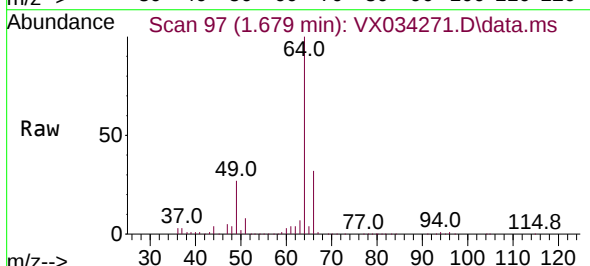
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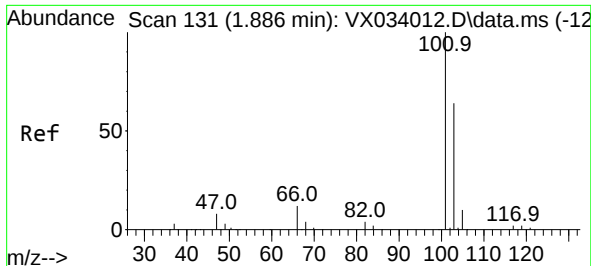
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#6
Chloroethane
Concen: 57.103 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

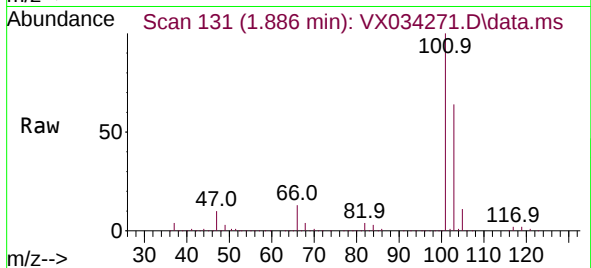
Tgt Ion: 64 Resp: 106268
Ion Ratio Lower Upper
64 100
66 31.6 26.1 39.1





#7
Trichlorofluoromethane
Concen: 56.262 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

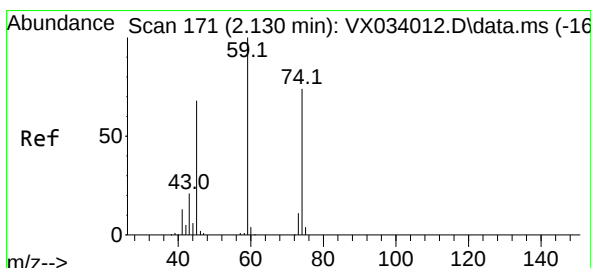
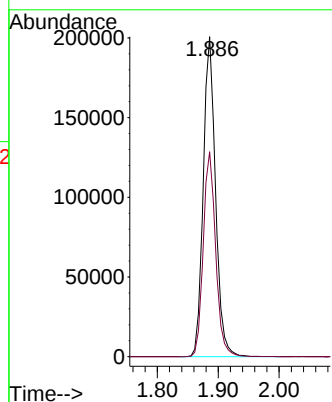
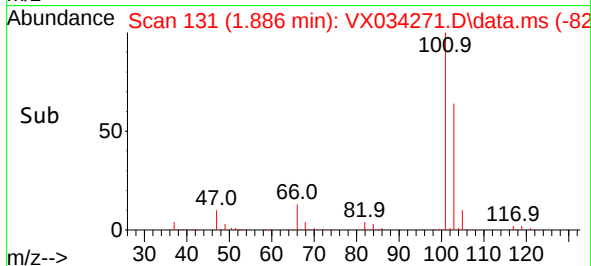
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 281768
Ion Ratio Lower Upper
101 100
103 64.1 50.6 75.8

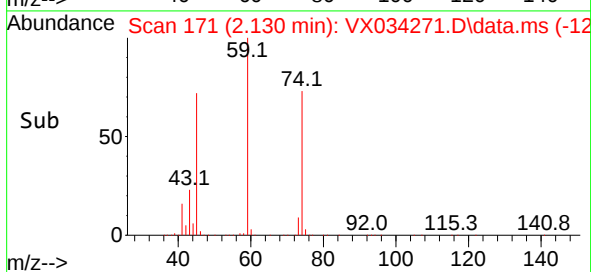
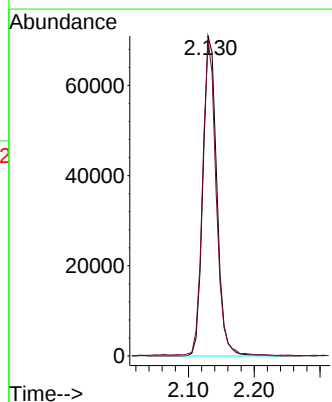
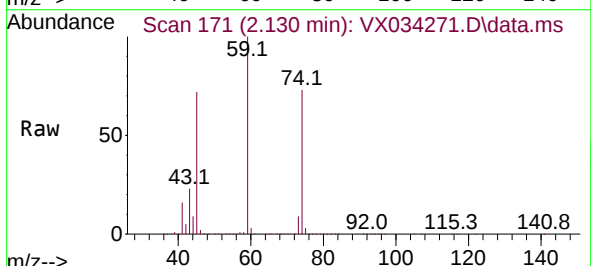
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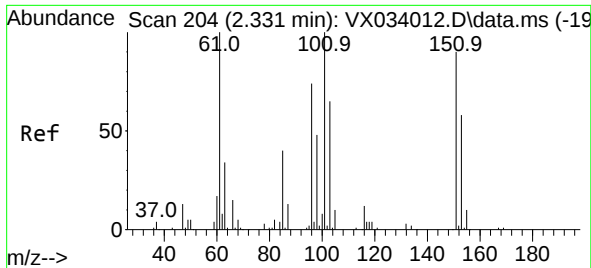
Reviewed By :John Carlone 02/28/2023
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#8
Diethyl Ether
Concen: 51.493 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX034271.D
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Tgt Ion: 74 Resp: 103895
Ion Ratio Lower Upper
74 100
45 97.2 51.5 154.5





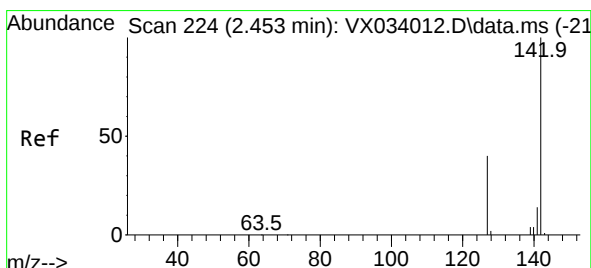
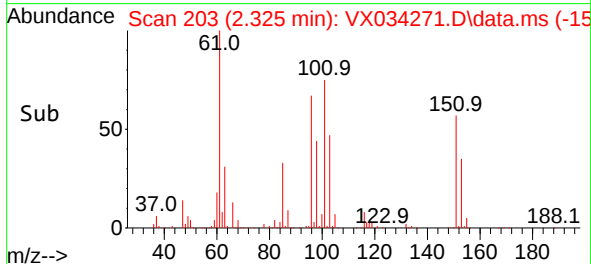
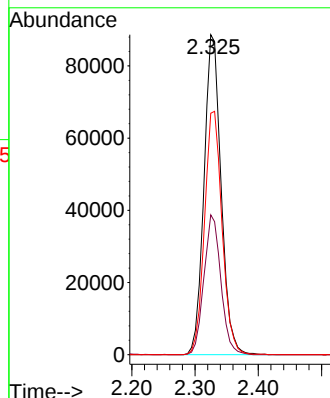
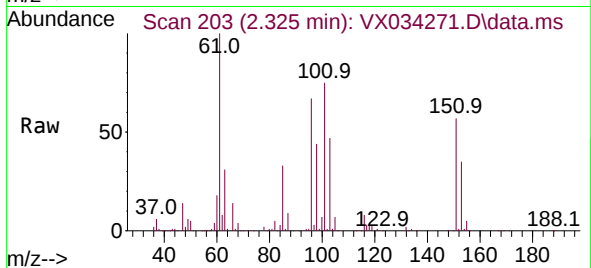
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.320 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 166894
Ion Ratio Lower Upper
101 100
85 43.3 36.7 55.1
151 78.2 66.5 99.7

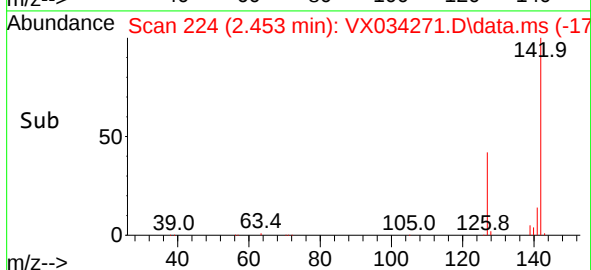
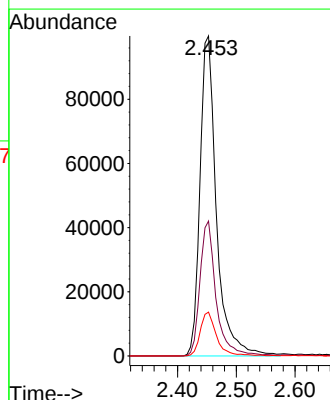
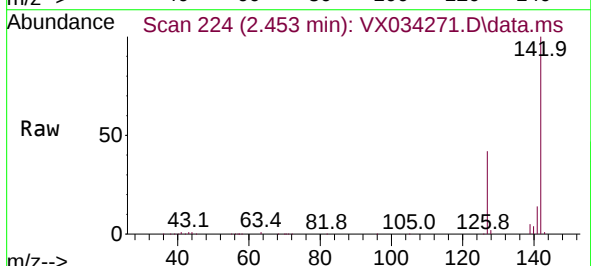
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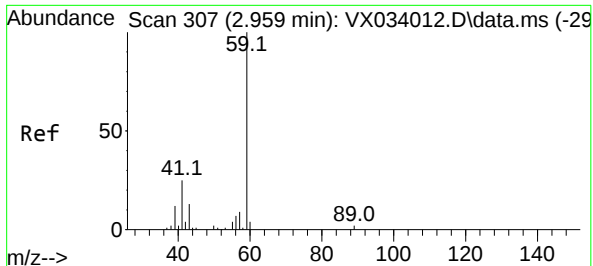
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#10
Methyl Iodide
Concen: 45.141 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Tgt Ion:142 Resp: 193849
Ion Ratio Lower Upper
142 100
127 41.3 37.3 55.9
141 13.6 11.5 17.3





#11

Tert butyl alcohol

Concen: 211.094 ug/l

RT: 2.953 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 20784

Ion Ratio Lower Upper

59 100

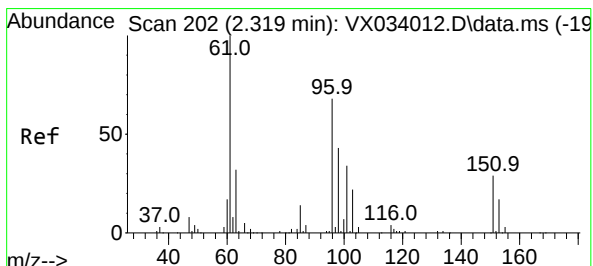
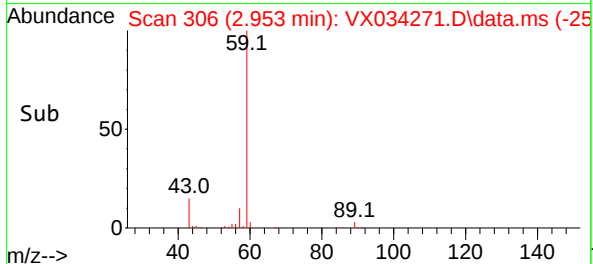
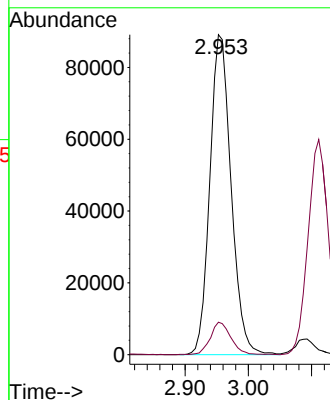
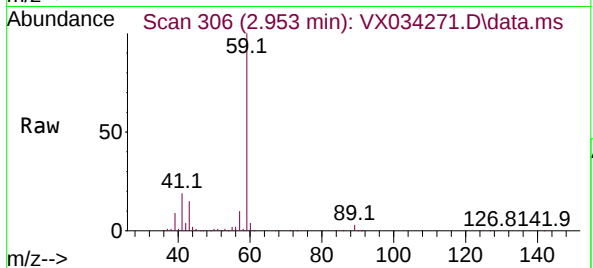
57 9.9 3.7 5.5

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Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#12

1,1-Dichloroethene

Concen: 44.826 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

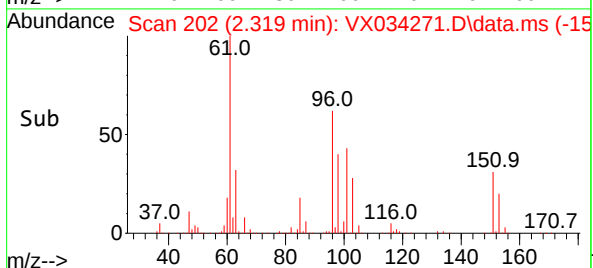
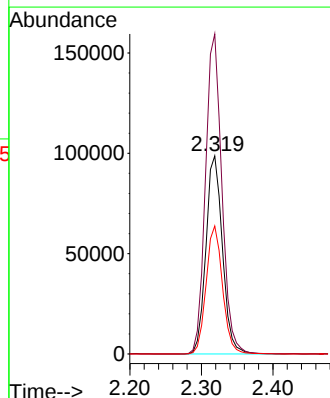
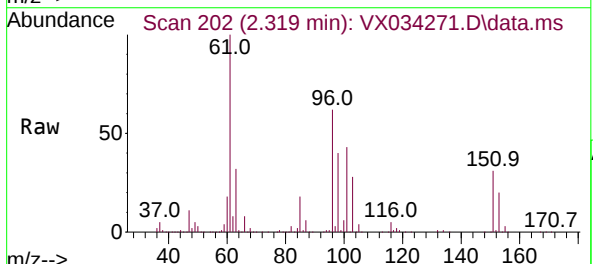
Tgt Ion: 96 Resp: 158483

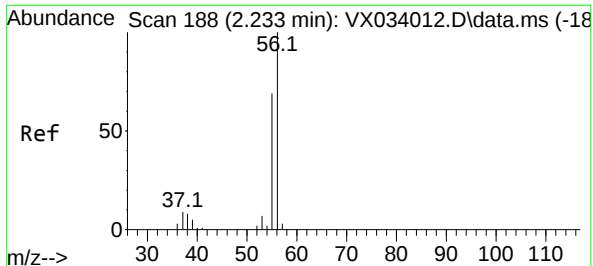
Ion Ratio Lower Upper

96 100

61 161.5 134.2 201.4

98 64.6 50.2 75.2





#13

Acrolein

Concen: 256.349 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 115219

Ion Ratio Lower Upper

56 100

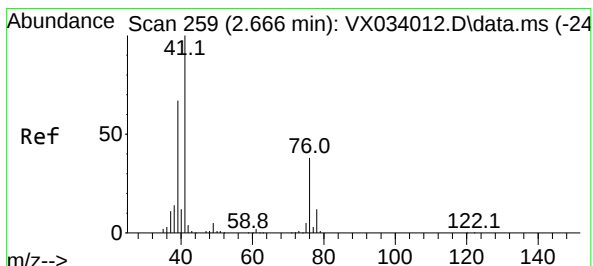
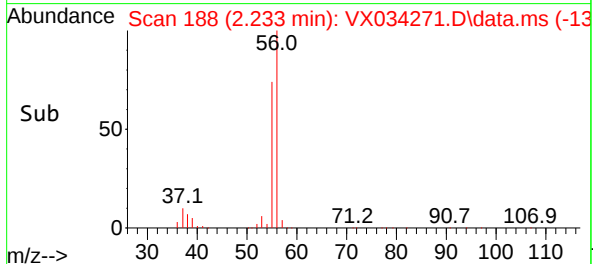
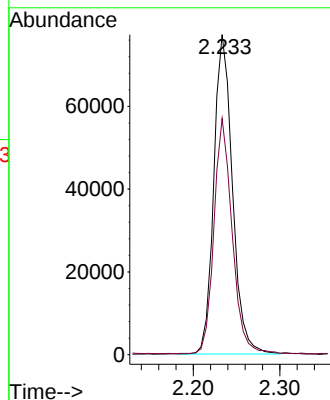
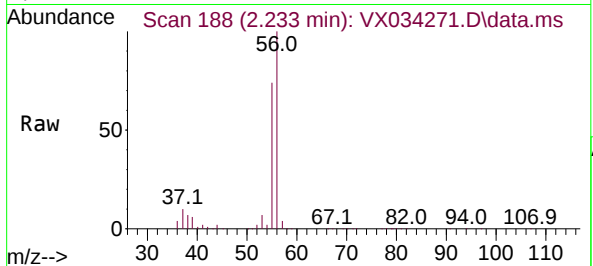
55 72.0 56.3 84.5

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Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#14

Allyl chloride

Concen: 43.711 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

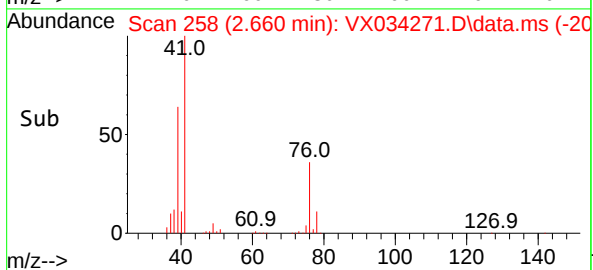
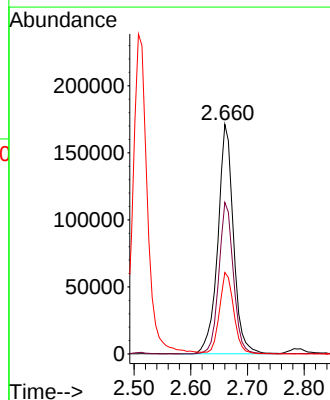
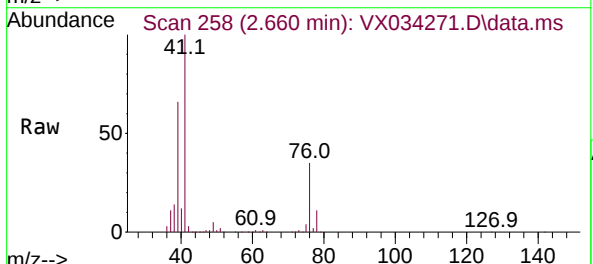
Tgt Ion: 41 Resp: 327822

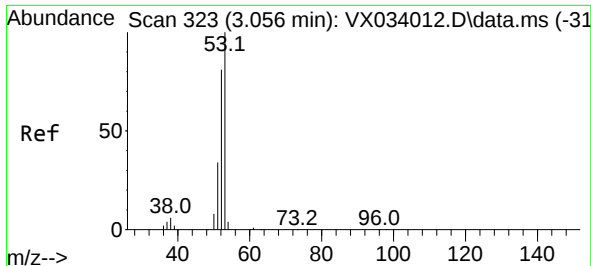
Ion Ratio Lower Upper

41 100

39 61.2 59.0 88.4

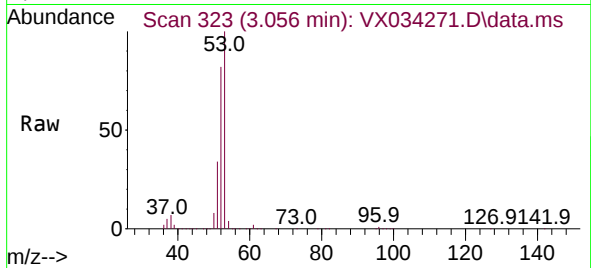
76 32.6 24.6 37.0





#15
Acrylonitrile
Concen: 236.113 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

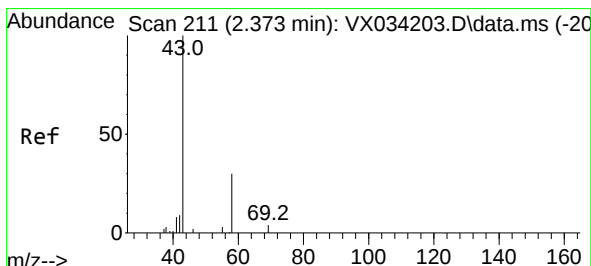
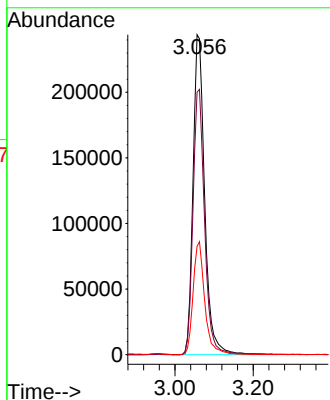
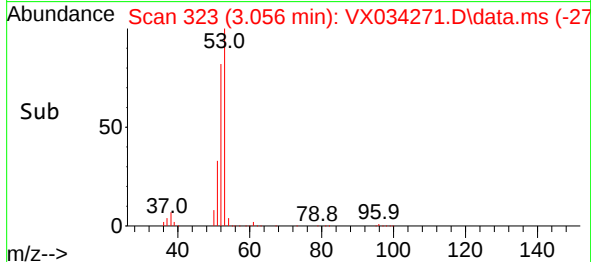
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



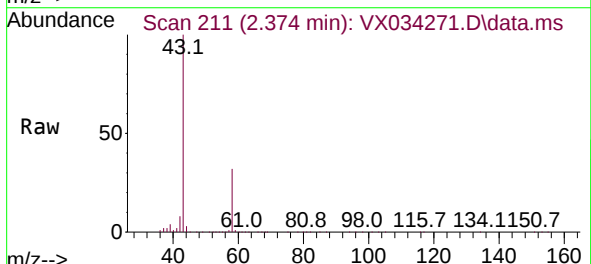
Tgt Ion: 53 Resp: 507160
Ion Ratio Lower Upper
53 100
52 82.6 65.7 98.5
51 35.3 29.0 43.4

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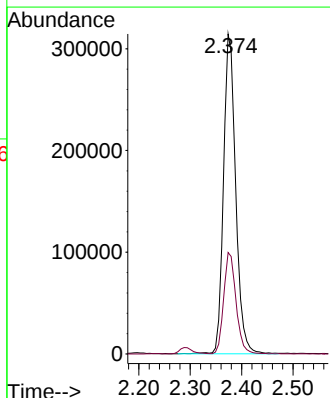
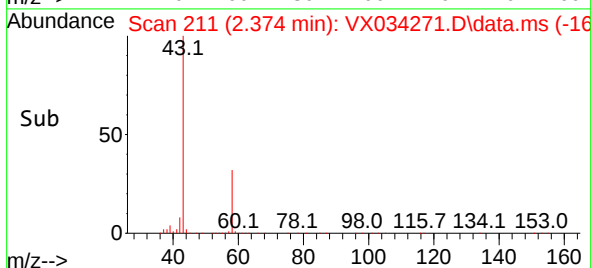
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

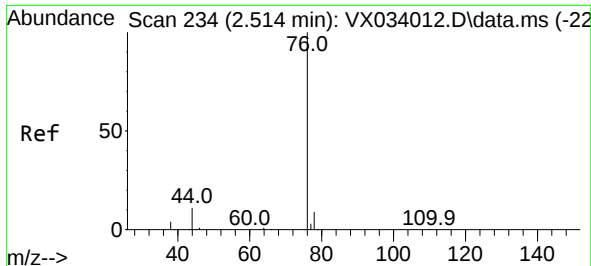


#16
Acetone
Concen: 228.180 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00



Tgt Ion: 43 Resp: 518174
Ion Ratio Lower Upper
43 100
58 31.6 22.6 33.8





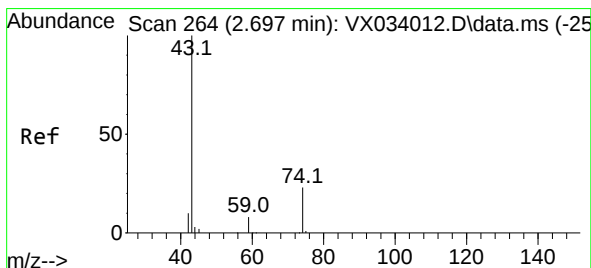
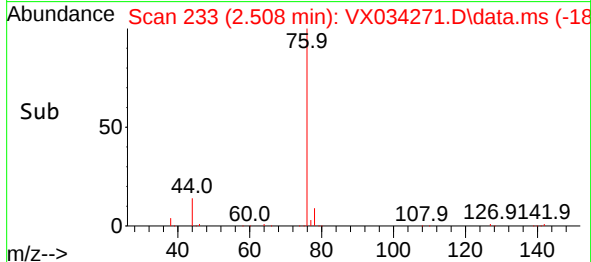
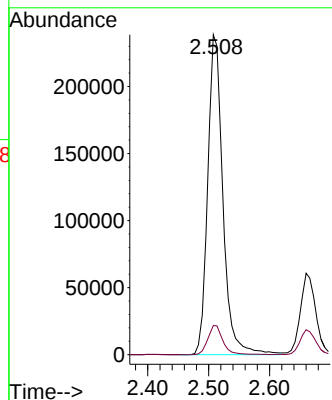
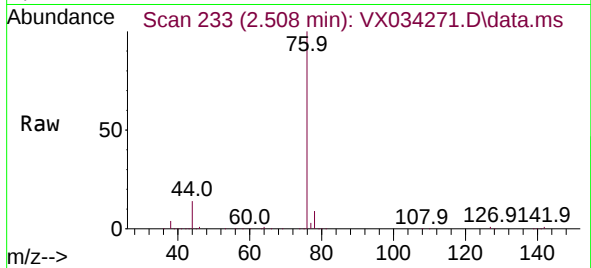
#17
Carbon Disulfide
Concen: 40.672 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 413428
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

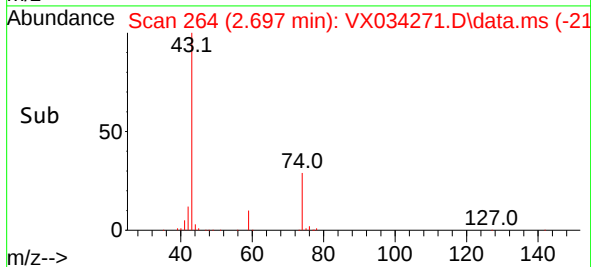
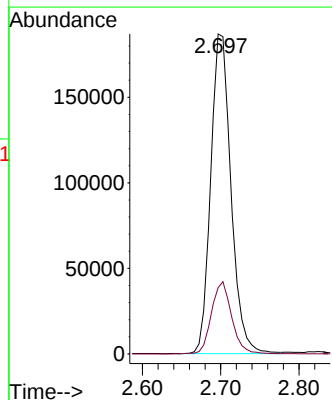
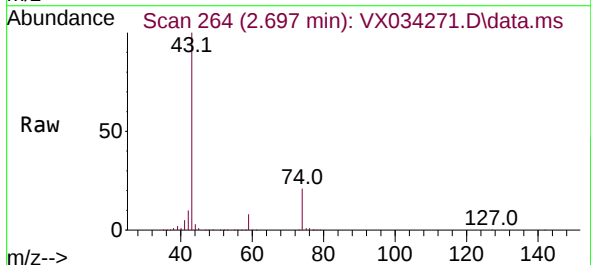
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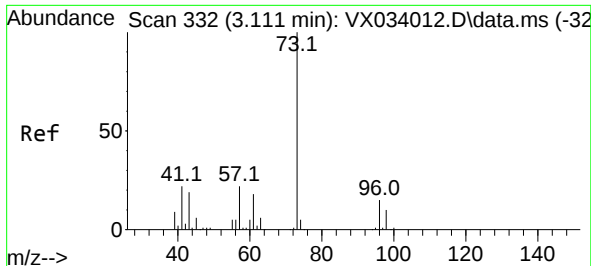
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#18
Methyl Acetate
Concen: 47.836 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Tgt Ion: 43 Resp: 336132
Ion Ratio Lower Upper
43 100
74 22.6 18.2 27.4





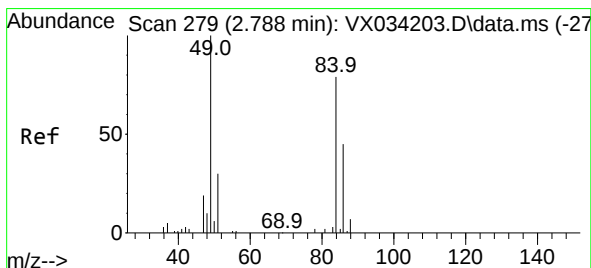
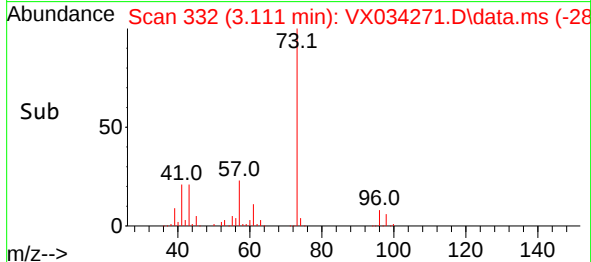
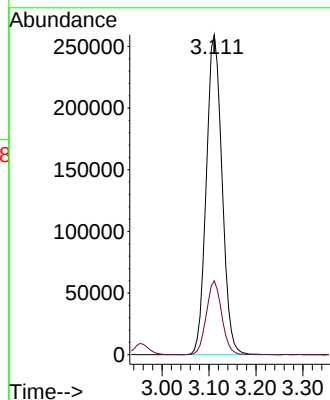
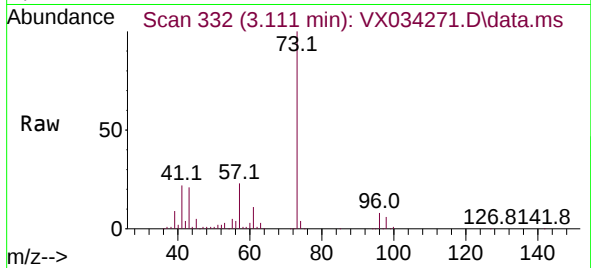
#19
Methyl tert-butyl Ether
Concen: 48.206 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 60152
Ion Ratio Lower Upper
73 100
57 23.1 17.4 26.0

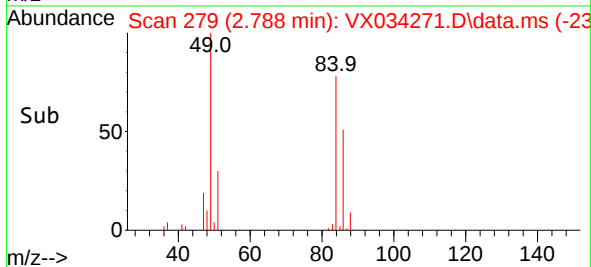
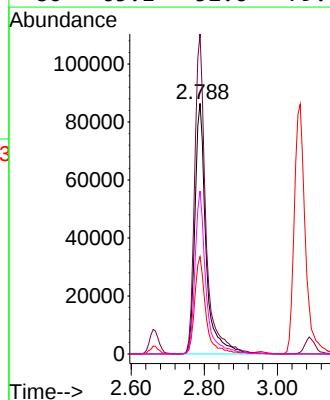
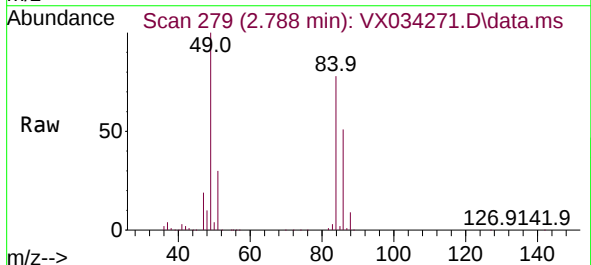
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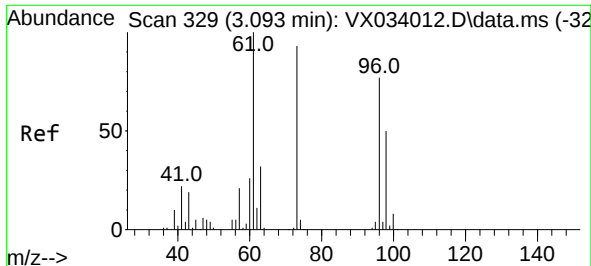
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#20
Methylene Chloride
Concen: 44.856 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

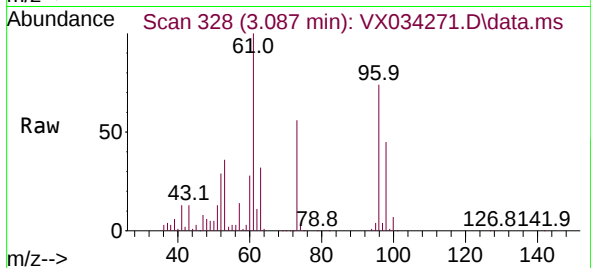
Tgt Ion: 84 Resp: 183541
Ion Ratio Lower Upper
84 100
49 127.7 101.1 151.7
51 38.8 31.0 46.6
86 65.1 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 47.422 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

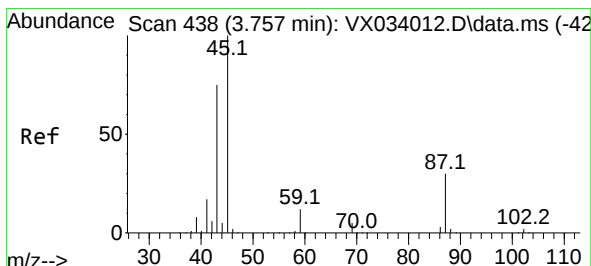
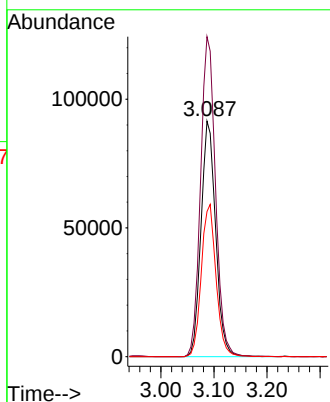
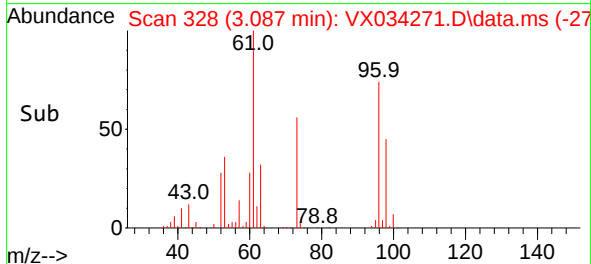
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 17568
Ion Ratio Lower Upper
96 100
61 135.9 106.7 160.1
98 61.7 50.0 75.0

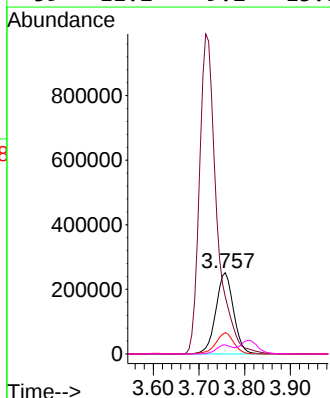
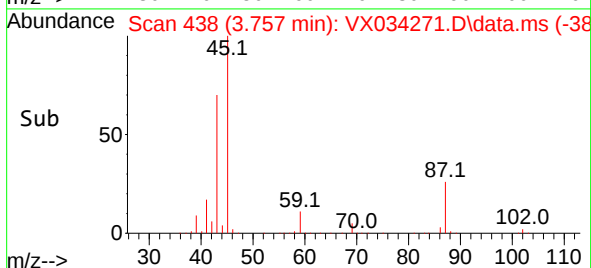
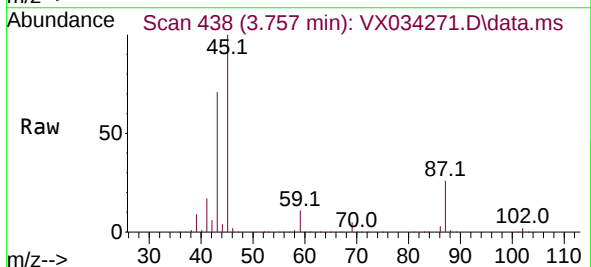
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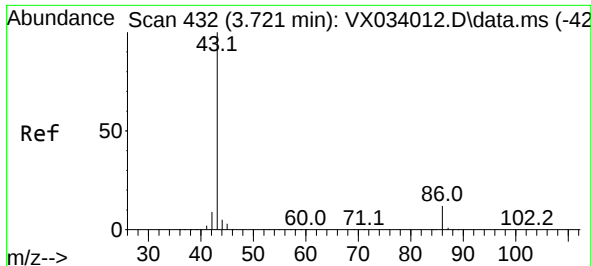
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#22
Diisopropyl ether
Concen: 51.383 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Tgt Ion: 45 Resp: 675593
Ion Ratio Lower Upper
45 100
43 70.5 64.6 97.0
87 26.1 21.9 32.9
59 11.2 9.2 13.8





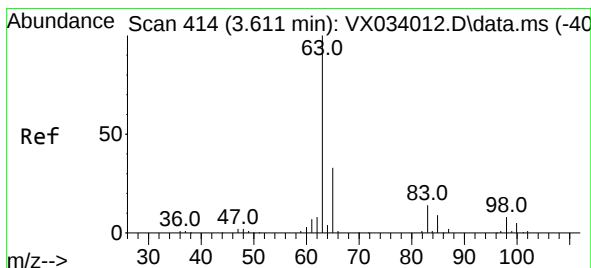
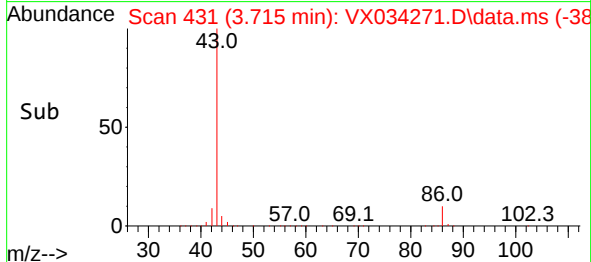
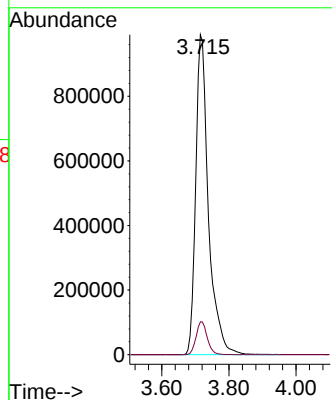
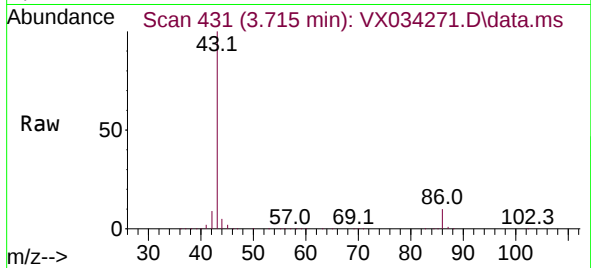
#23
 Vinyl Acetate
 Concen: 247.387 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034271.D
 Acq: 27 Feb 2023 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 260599
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.4 12.6

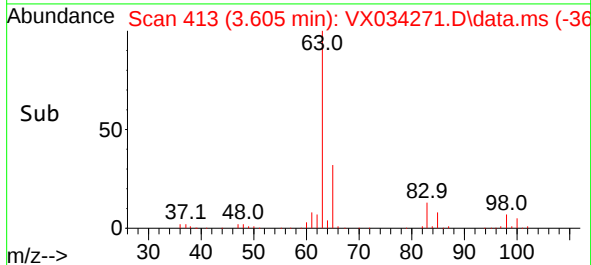
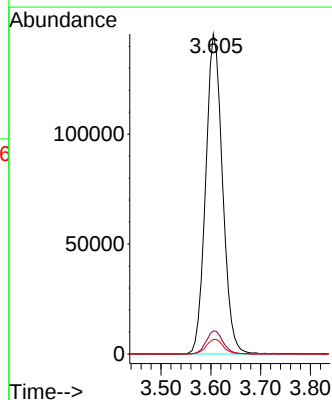
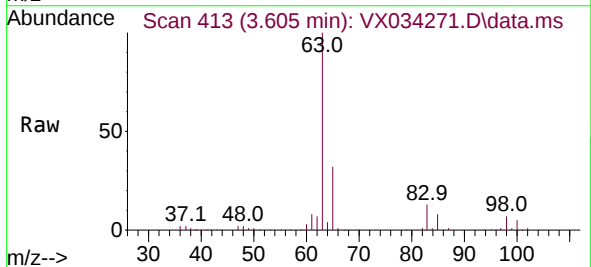
Manual Integrations
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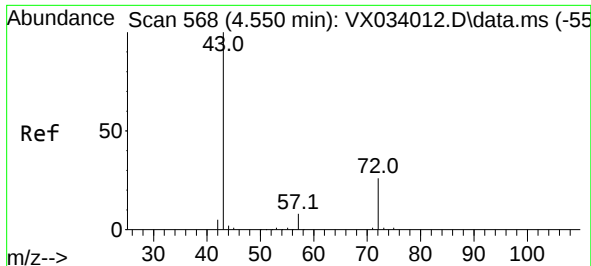
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#24
 1,1-Dichloroethane
 Concen: 47.326 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034271.D
 Acq: 27 Feb 2023 11:00

Tgt Ion: 63 Resp: 341601
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.2
 100 4.5 2.4 7.2





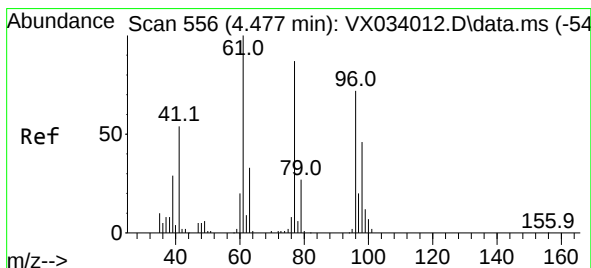
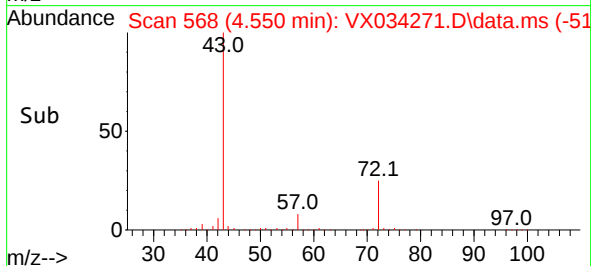
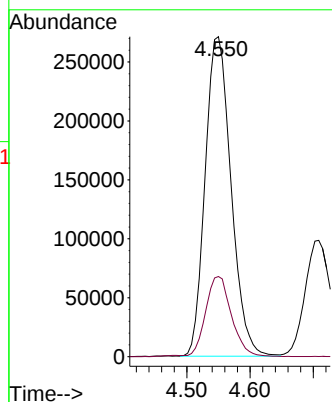
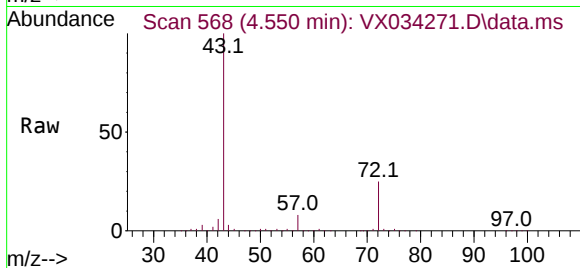
#25
2-Butanone
Concen: 235.094 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 77247
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2

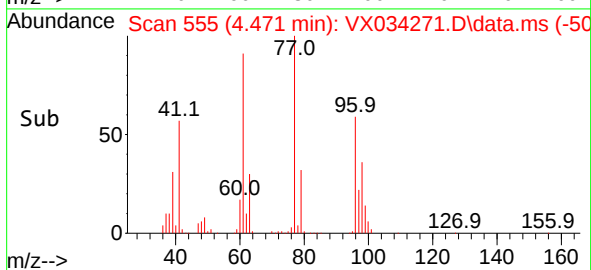
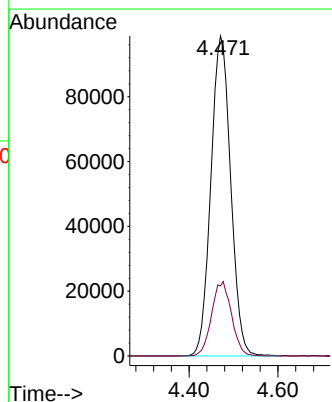
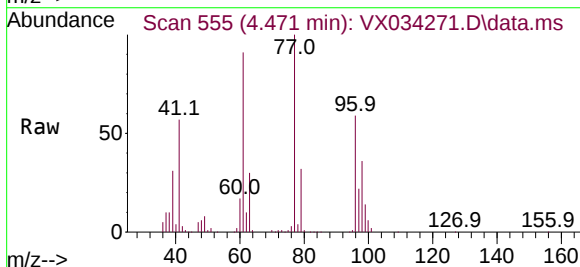
Manual Integrations
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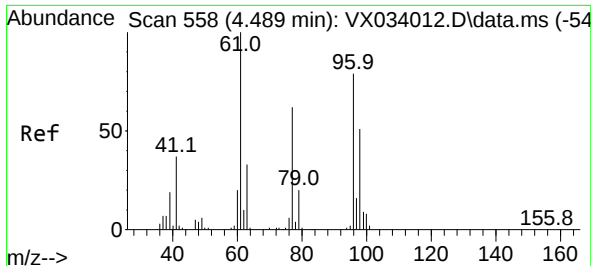
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#26
2,2-Dichloropropane
Concen: 46.701 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Tgt Ion: 77 Resp: 305364
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 48.215 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 21152

Ion Ratio Lower Upper

96 100

61 147.9 0.0 277.6

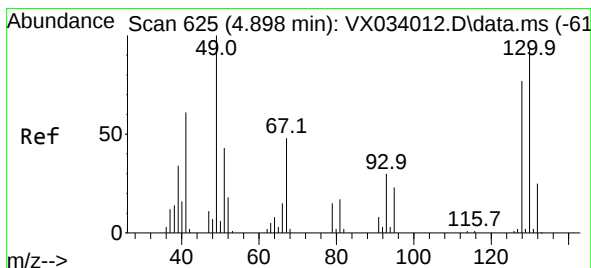
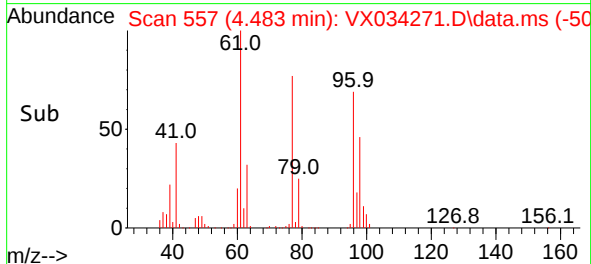
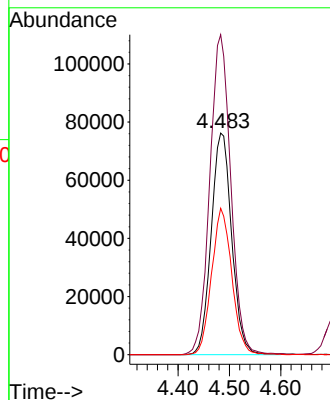
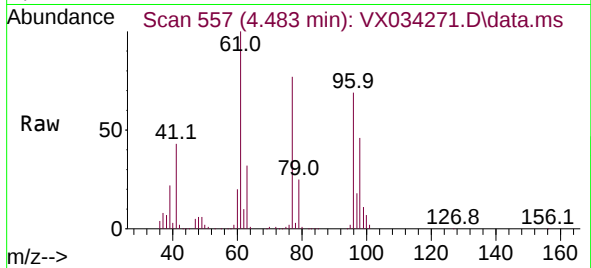
98 65.0 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#28

Bromochloromethane

Concen: 43.454 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

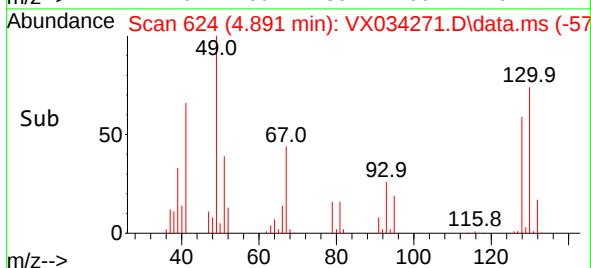
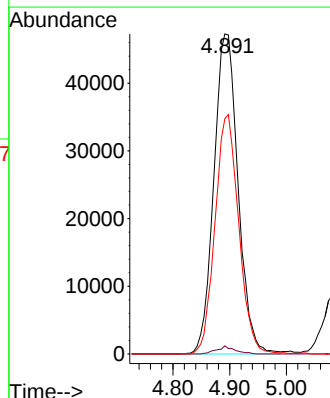
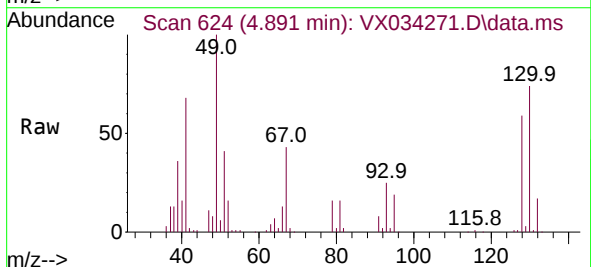
Tgt Ion: 49 Resp: 139919

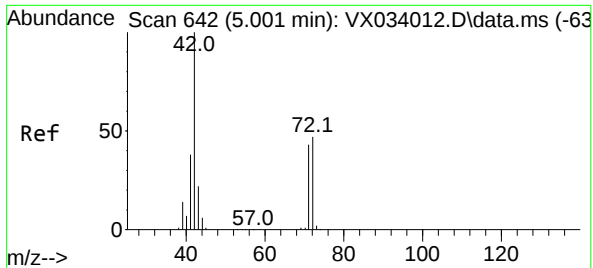
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 73.3 68.5 102.7





#29

Tetrahydrofuran

Concen: 236.354 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 473760

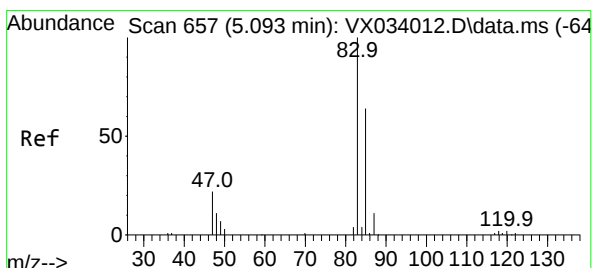
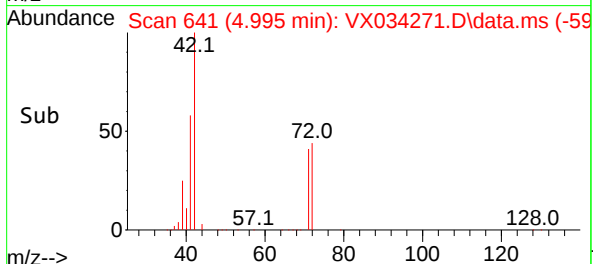
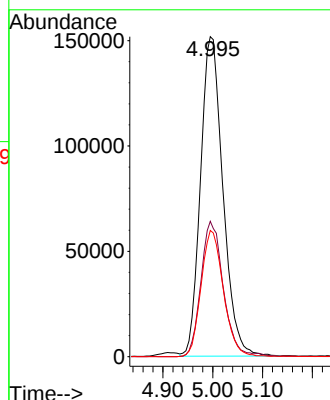
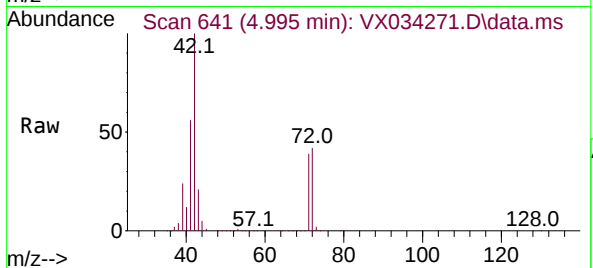
Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.8	52.2
71	39.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#30

Chloroform

Concen: 50.132 ug/l

RT: 5.086 min Scan# 656

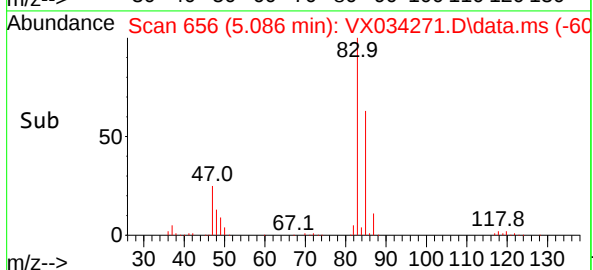
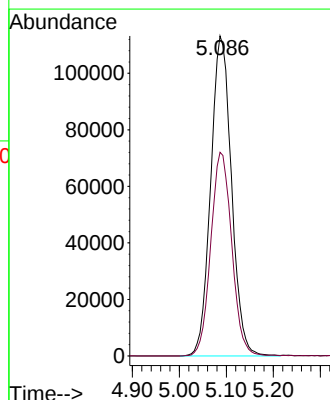
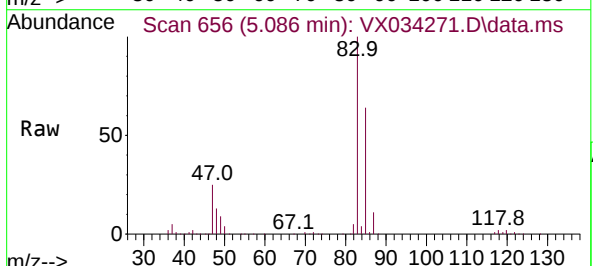
Delta R.T. -0.006 min

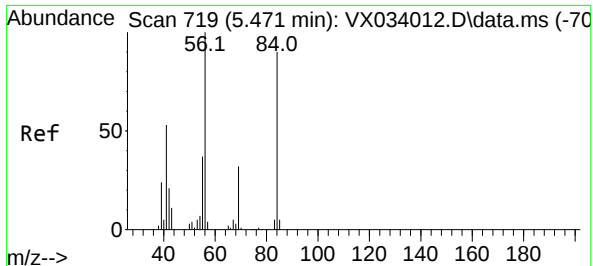
Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Tgt Ion: 83 Resp: 347464

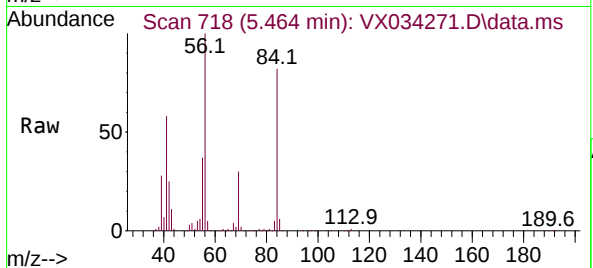
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.1	78.1





#31
Cyclohexane
Concen: 46.775 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

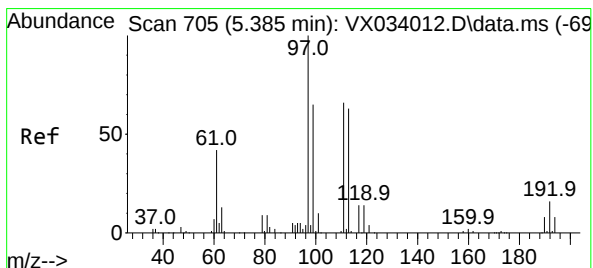
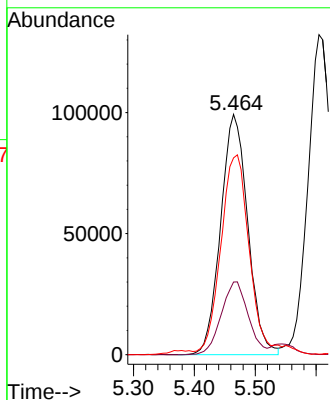
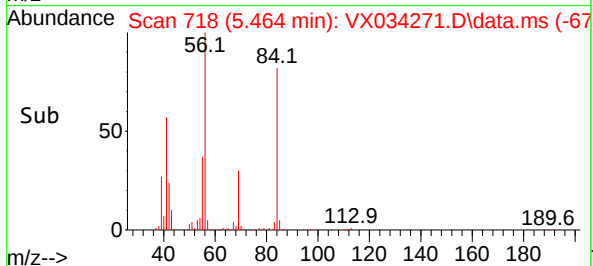
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 30743
Ion Ratio Lower Upper
56 100
69 30.3 24.6 37.0
84 80.3 71.0 106.6

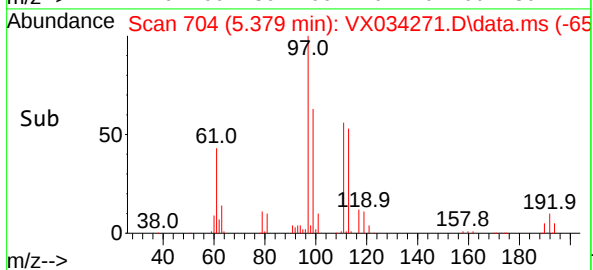
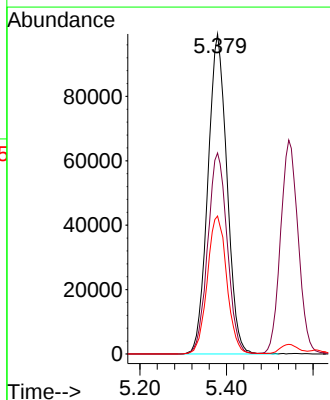
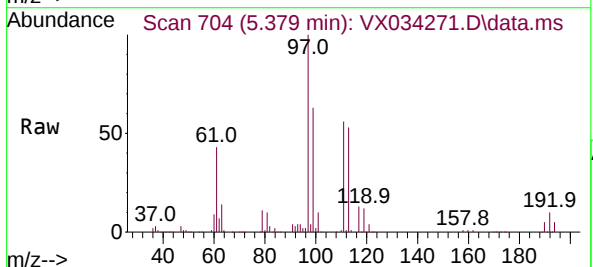
Manual Integrations
APPROVED

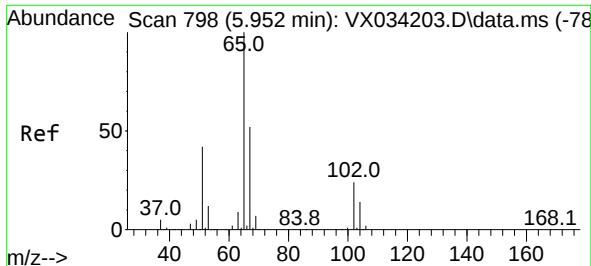
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#32
1,1,1-Trichloroethane
Concen: 48.880 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Tgt Ion: 97 Resp: 303697
Ion Ratio Lower Upper
97 100
99 64.1 52.3 78.5
61 44.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 42.174 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 185660

Ion Ratio Lower Upper

65 100

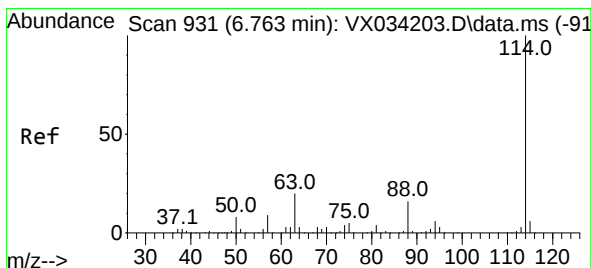
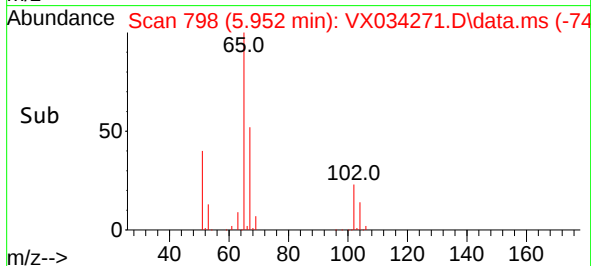
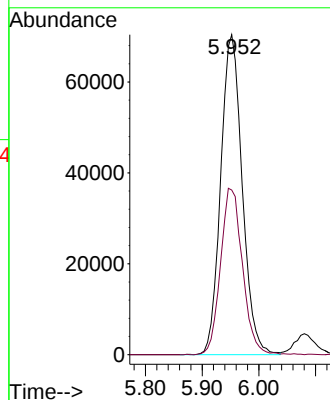
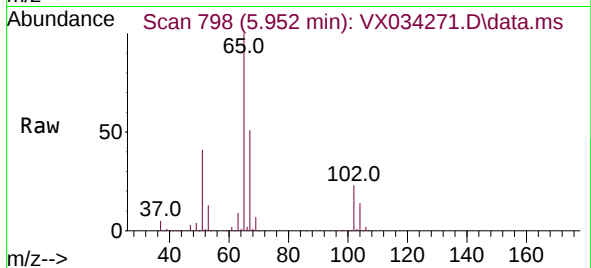
67 53.0 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

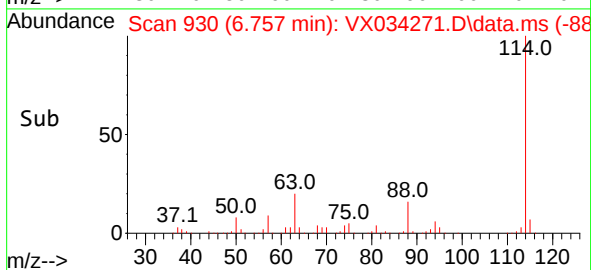
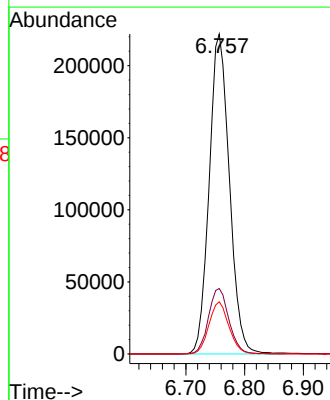
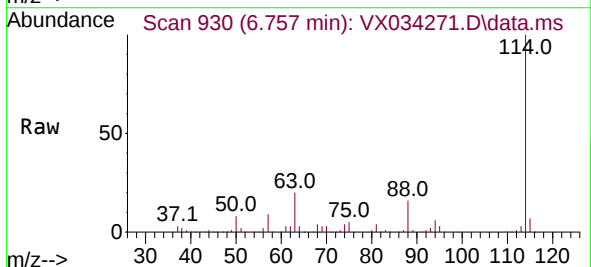
Tgt Ion:114 Resp: 530191

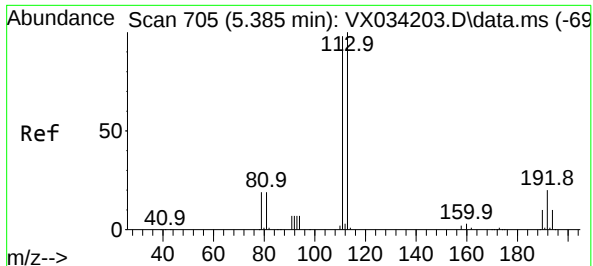
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 45.116 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

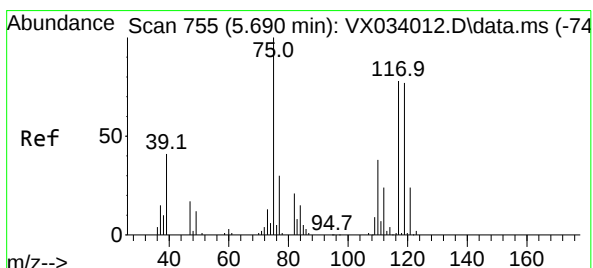
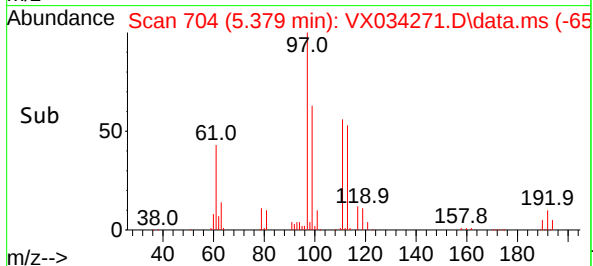
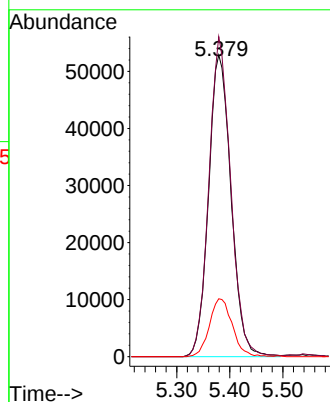
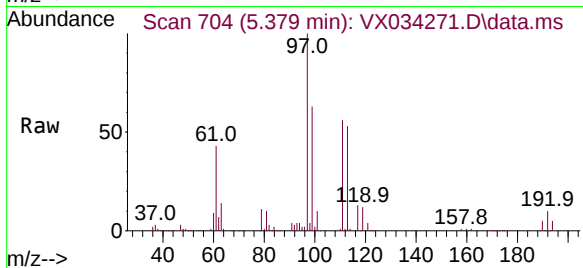
Tgt Ion:113 Resp: 155744
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.0 124.6
 192 19.5 19.0 28.4

Manual Integrations

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Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#36

1,1-Dichloropropene

Concen: 49.529 ug/l

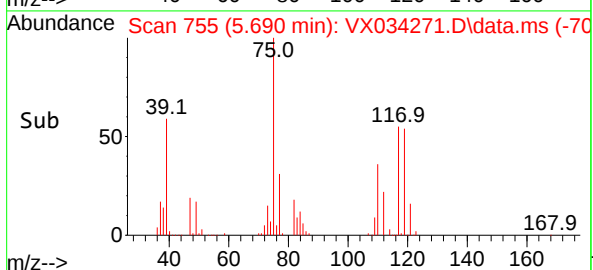
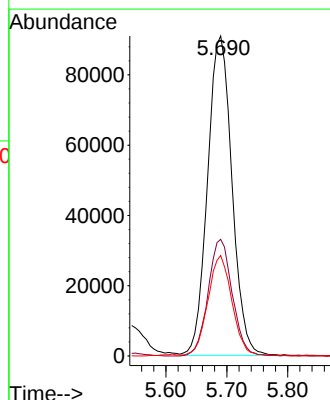
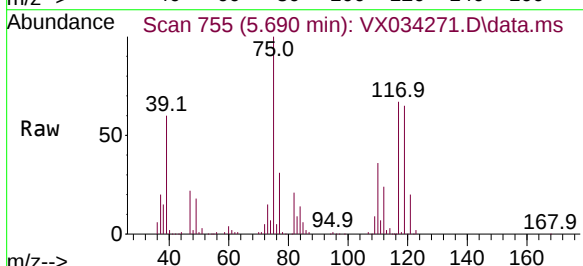
RT: 5.690 min Scan# 755

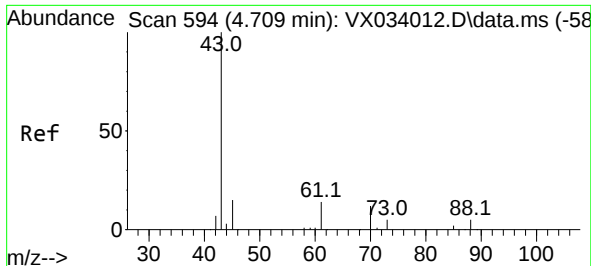
Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Tgt Ion: 75 Resp: 252860
 Ion Ratio Lower Upper
 75 100
 110 36.2 18.8 56.4
 77 31.2 25.1 37.7





#37

Ethyl Acetate

Concen: 50.436 ug/l

RT: 4.708 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 287769

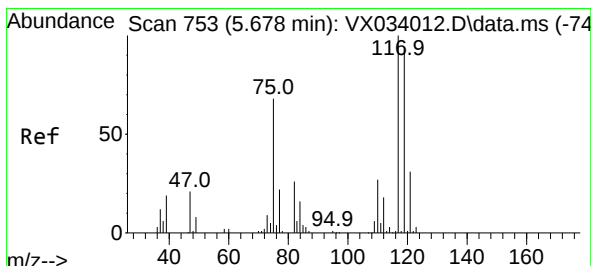
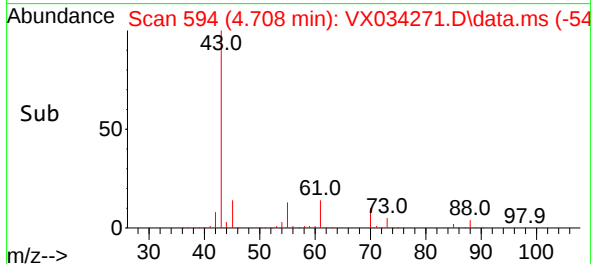
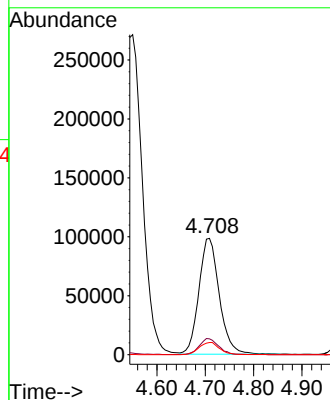
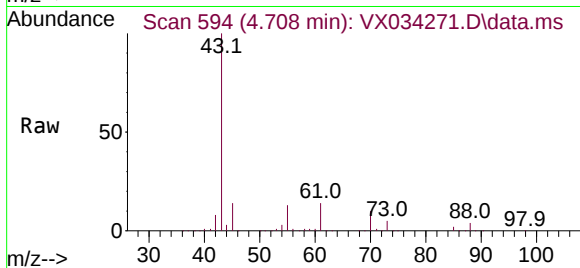
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.1	16.7
70	10.5	8.5	12.7

Manual Integrations

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Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#38

Carbon Tetrachloride

Concen: 50.627 ug/l

RT: 5.672 min Scan# 752

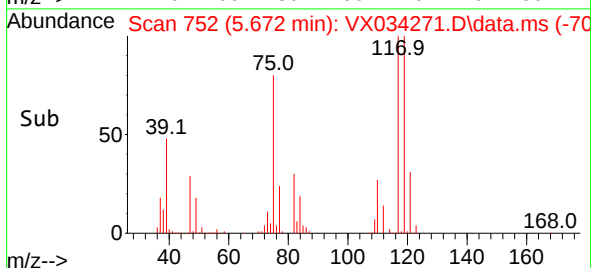
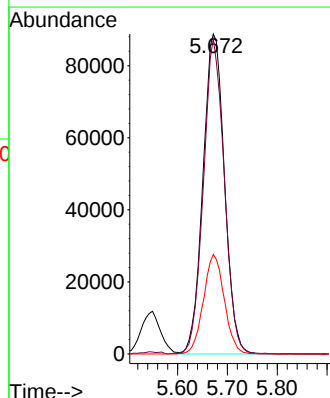
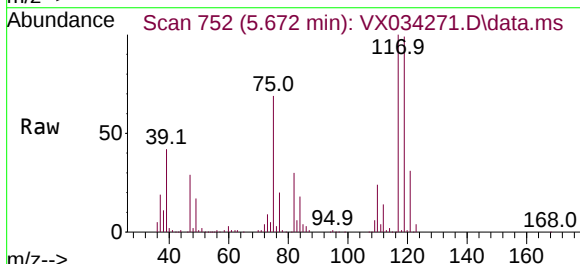
Delta R.T. 0.000 min

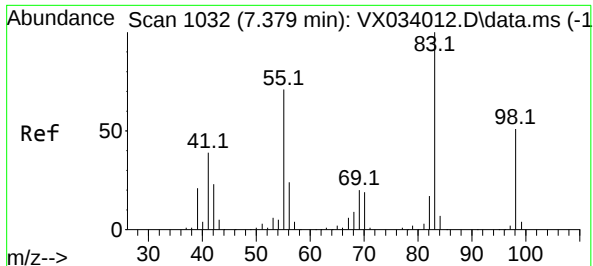
Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Tgt Ion:117 Resp: 265963

Ion	Ratio	Lower	Upper
117	100		
119	98.6	78.0	117.0
121	31.1	24.4	36.6





#39

Methylcyclohexane

Concen: 48.885 ug/l

RT: 7.373 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 32116

Ion Ratio Lower Upper

83 100

55 77.9 61.8 92.6

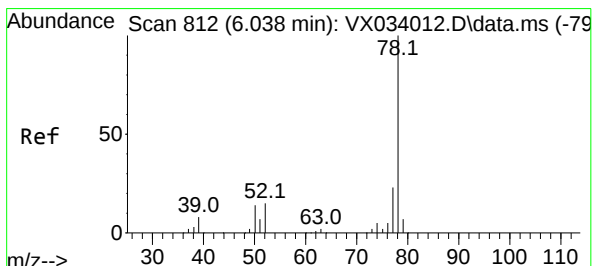
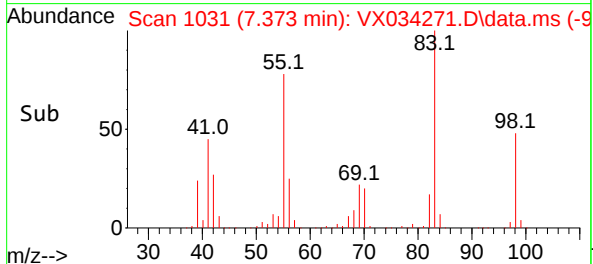
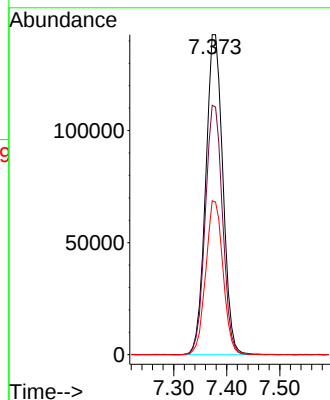
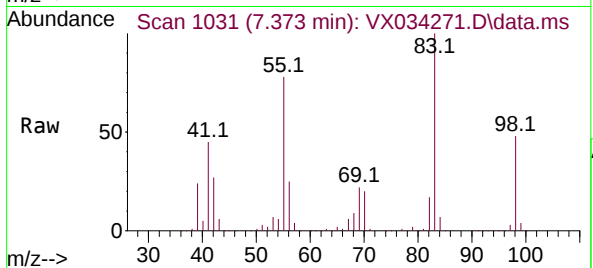
98 48.1 39.3 58.9

Manual Integrations

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Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#40

Benzene

Concen: 50.191 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX034271.D

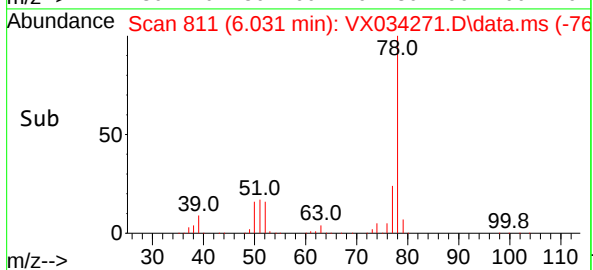
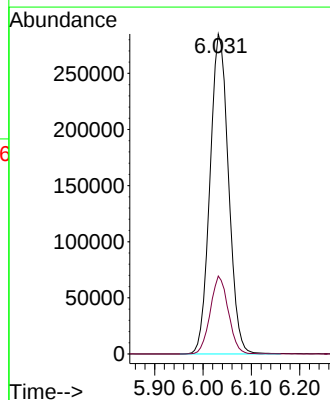
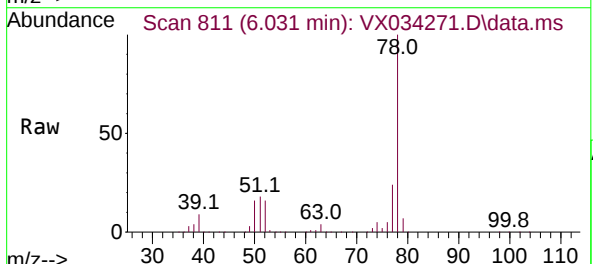
Acq: 27 Feb 2023 11:00

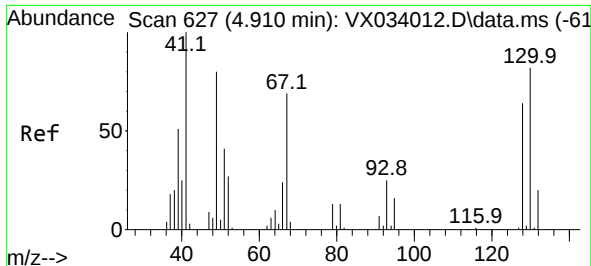
Tgt Ion: 78 Resp: 759352

Ion Ratio Lower Upper

78 100

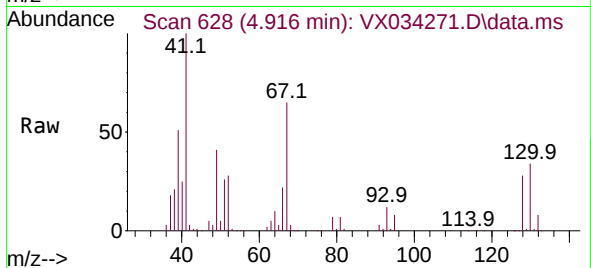
77 24.3 19.0 28.4





#41
Methacrylonitrile
Concen: 51.655 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

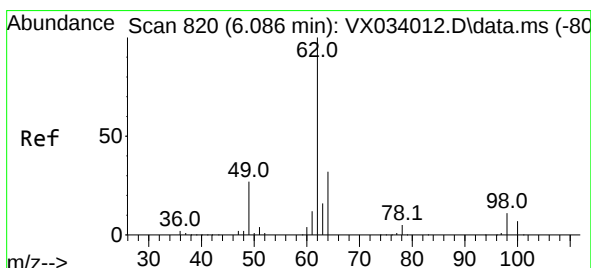
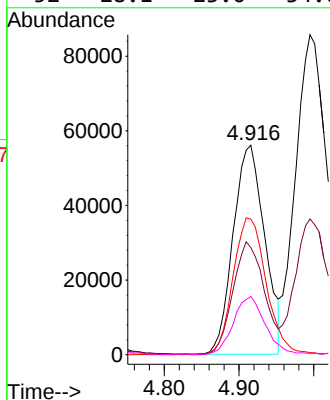
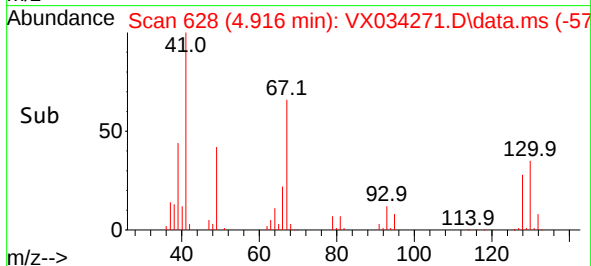
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 164208
Ion Ratio Lower Upper
41 100
39 53.5 43.8 65.6
67 69.1 54.8 82.2
52 28.1 23.0 34.6

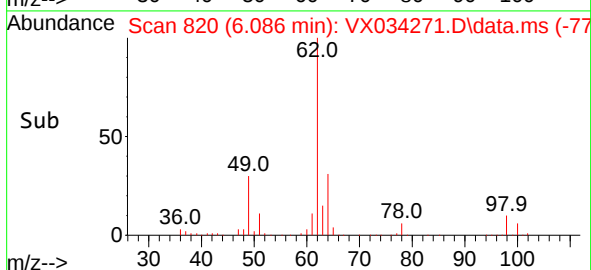
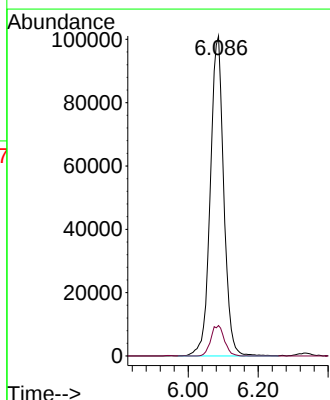
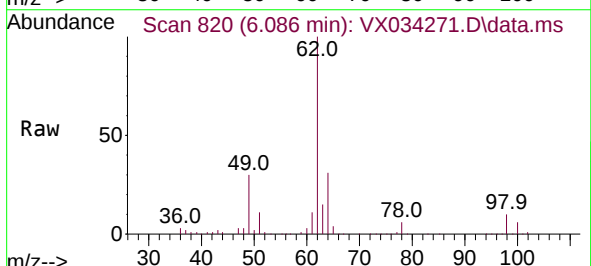
Manual Integrations
APPROVED

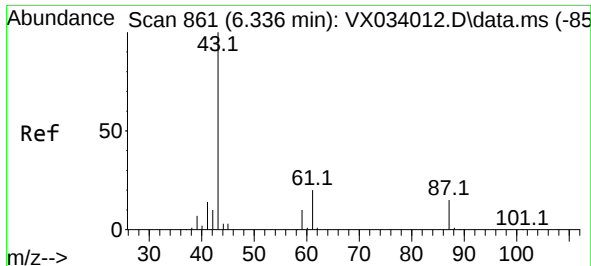
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#42
1,2-Dichloroethane
Concen: 50.786 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

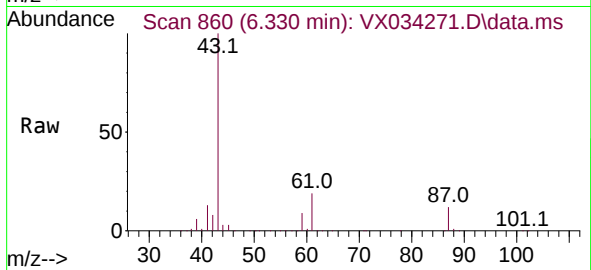
Tgt Ion: 62 Resp: 270236
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.2





#43
Isopropyl Acetate
Concen: 50.071 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

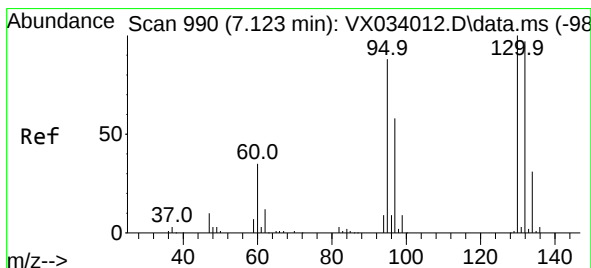
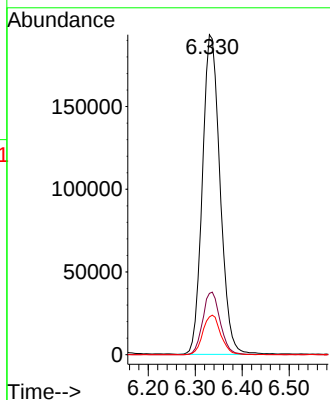
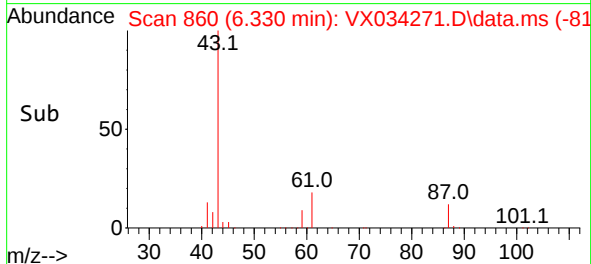
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 504134
Ion Ratio Lower Upper
43 100
61 19.5 15.7 23.5
87 12.5 10.6 15.8

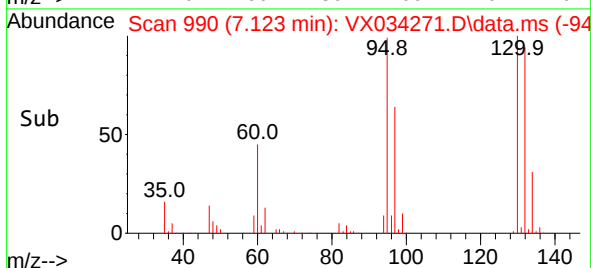
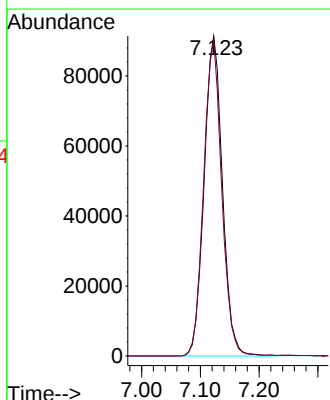
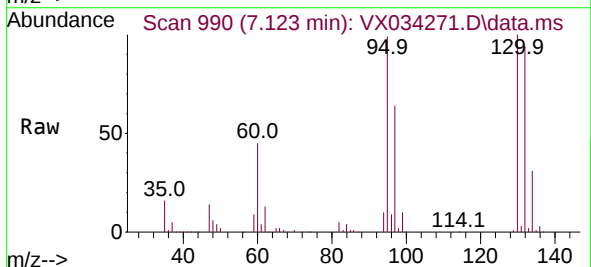
Manual Integrations
APPROVED

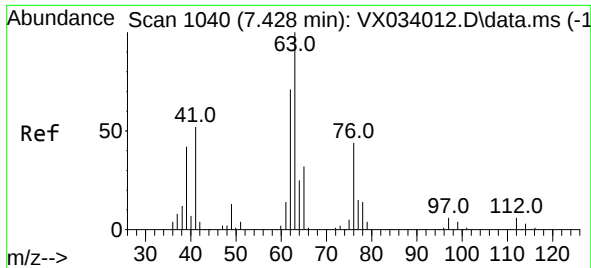
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#44
Trichloroethene
Concen: 50.949 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Tgt Ion:130 Resp: 197809
Ion Ratio Lower Upper
130 100
95 98.8 0.0 182.6





#45
1,2-Dichloropropane
Concen: 50.042 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

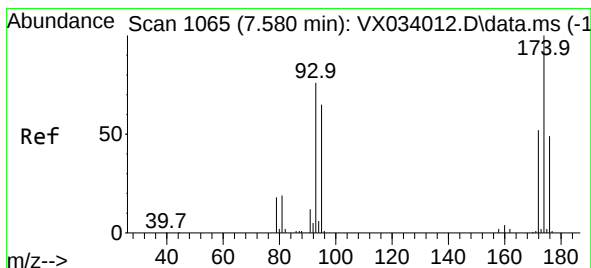
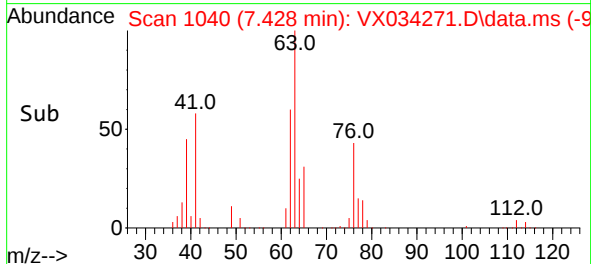
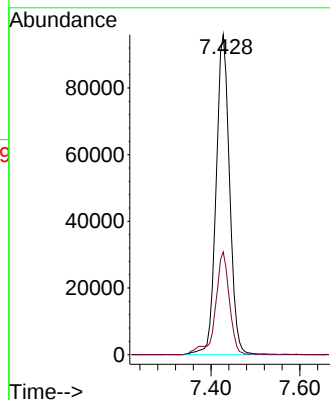
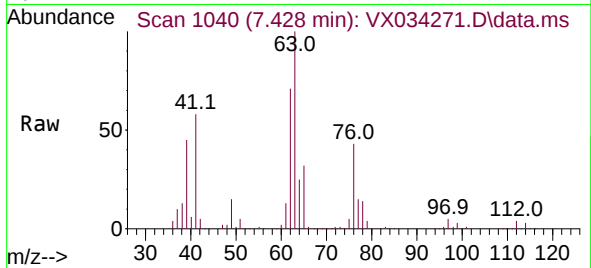
VSTDCCC050

Tgt Ion: 63 Resp: 20154
Ion Ratio Lower Upper
63 100
65 32.1 24.2 36.2

Manual Integrations

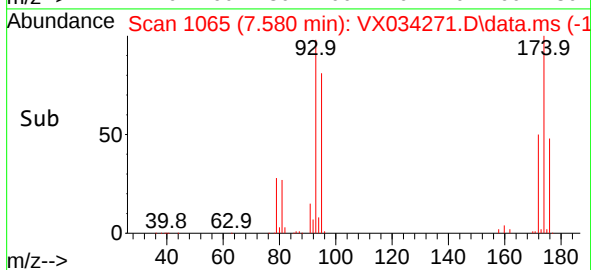
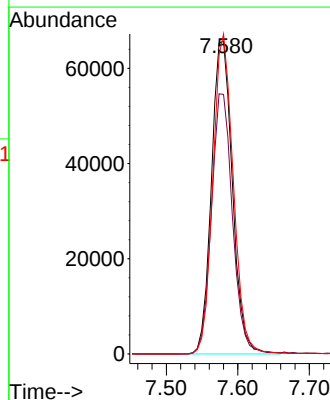
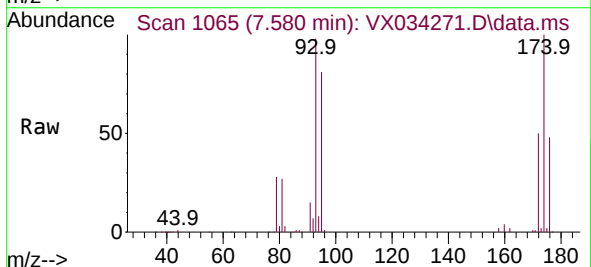
APPROVED

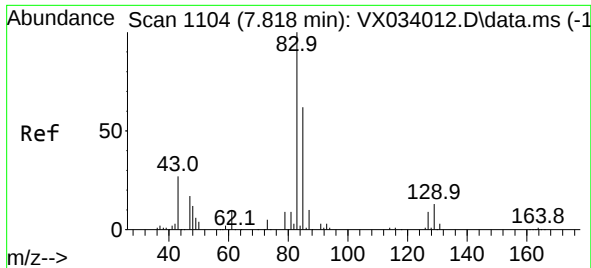
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#46
Dibromomethane
Concen: 50.545 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

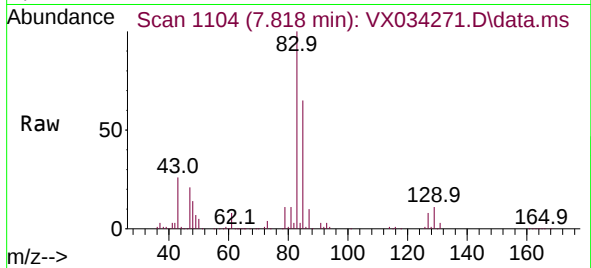
Tgt Ion: 93 Resp: 133976
Ion Ratio Lower Upper
93 100
95 83.4 67.6 101.4
174 99.1 97.4 146.0





#47
Bromodichloromethane
Concen: 50.236 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

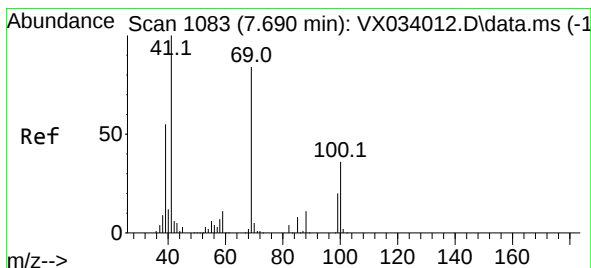
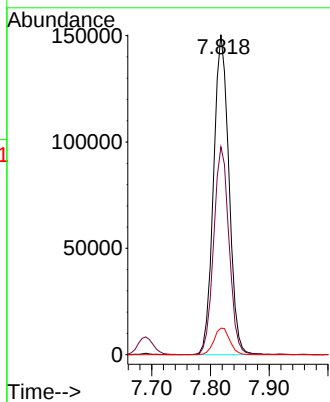
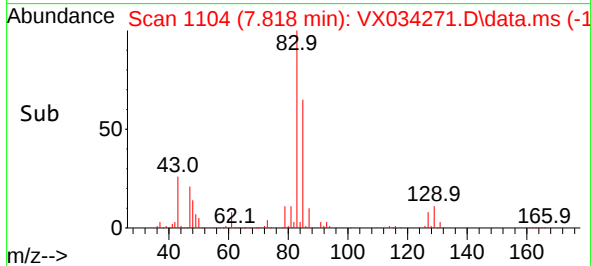
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 27326
Ion Ratio Lower Upper
83 100
85 64.9 49.8 74.6
127 8.3 7.0 10.4

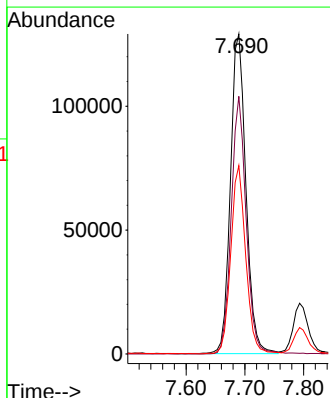
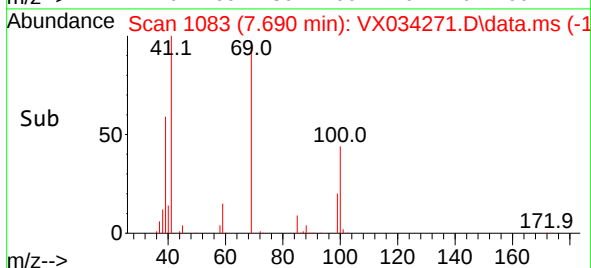
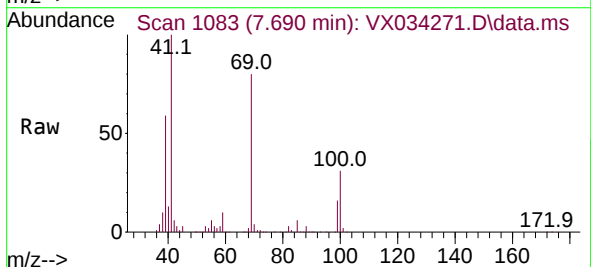
Manual Integrations
APPROVED

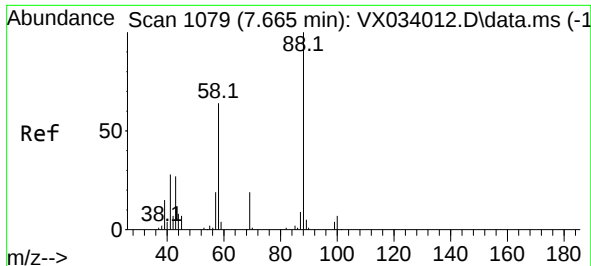
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#48
Methyl methacrylate
Concen: 49.492 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Tgt Ion: 41 Resp: 236514
Ion Ratio Lower Upper
41 100
69 78.2 63.1 94.7
39 56.9 43.2 64.8





#49

1,4-Dioxane

Concen: 957.130 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

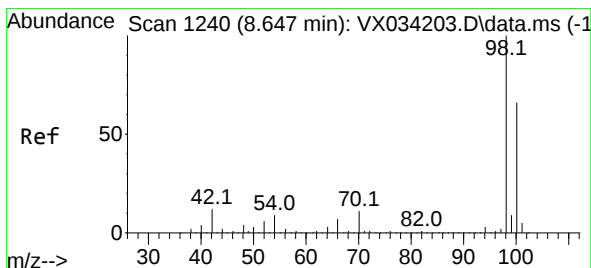
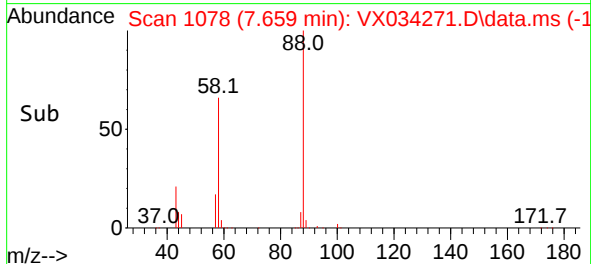
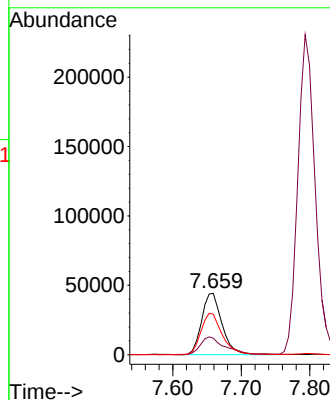
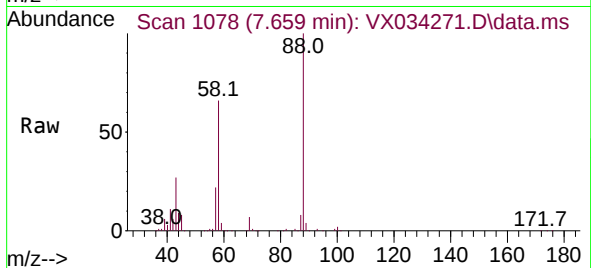
Tgt Ion: 88 Resp: 91233
 Ion Ratio Lower Upper
 88 100
 43 33.9 0.0 0.0
 58 70.6 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#50

Toluene-d8

Concen: 47.209 ug/l

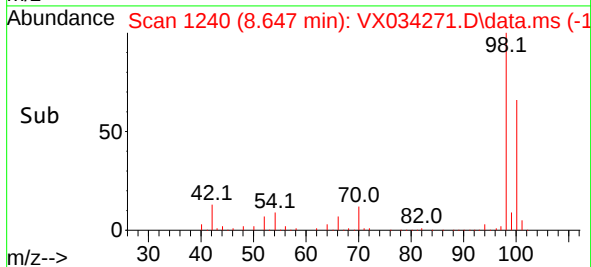
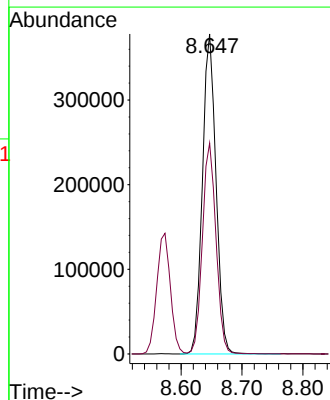
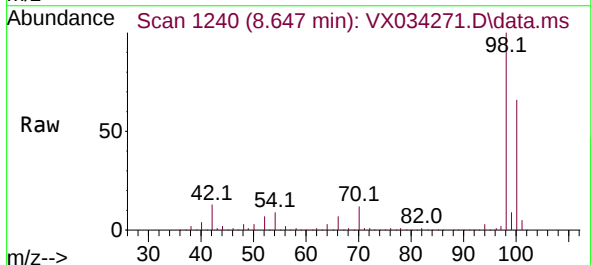
RT: 8.647 min Scan# 1240

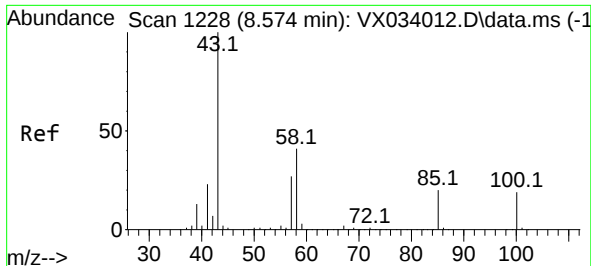
Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Tgt Ion: 98 Resp: 585111
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 267.385 ug/l

RT: 8.568 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 148117

Ion Ratio Lower Upper

43 100

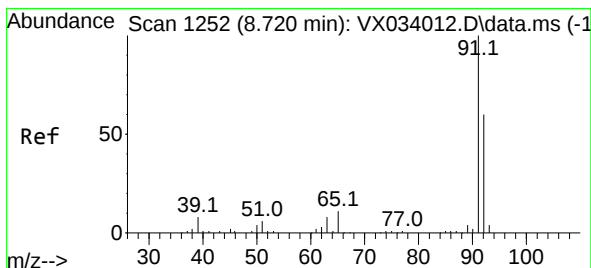
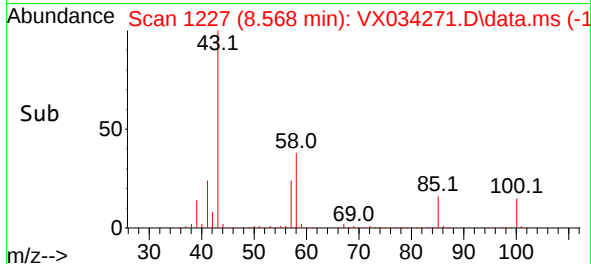
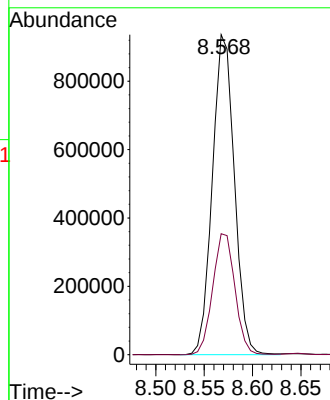
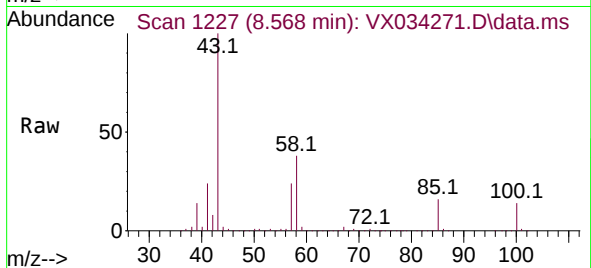
58 38.2 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#52

Toluene

Concen: 53.220 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX034271.D

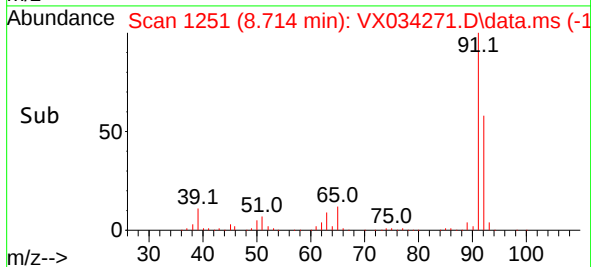
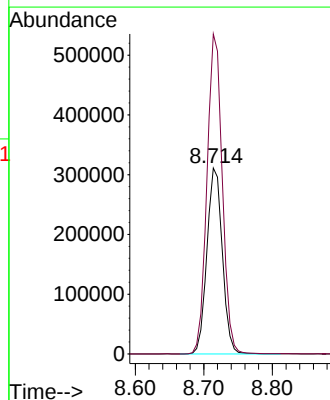
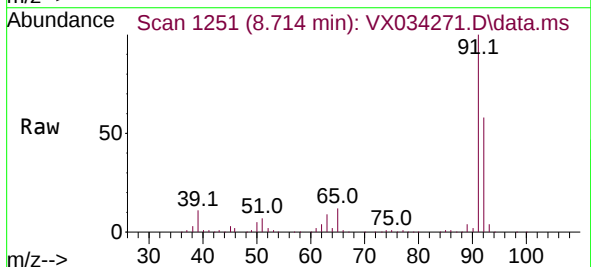
Acq: 27 Feb 2023 11:00

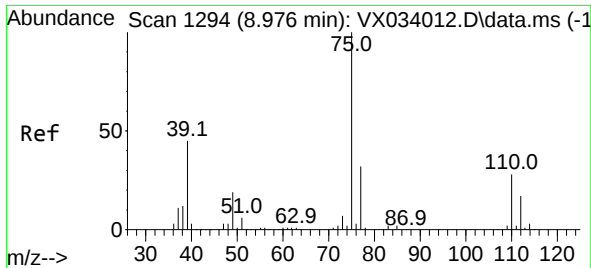
Tgt Ion: 92 Resp: 487880

Ion Ratio Lower Upper

92 100

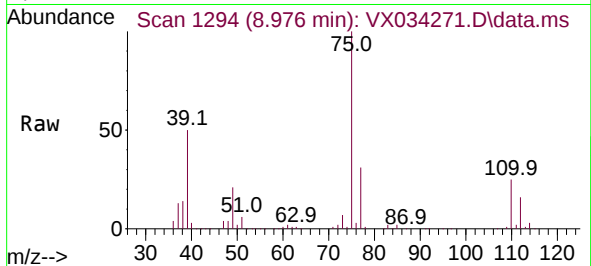
91 170.8 135.5 203.3





#53
t-1,3-Dichloropropene
Concen: 51.943 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

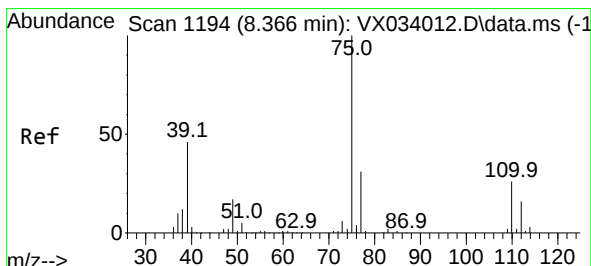
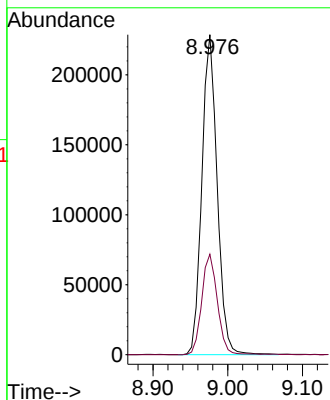
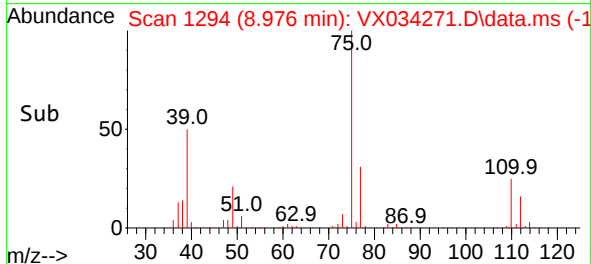
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 32523
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3

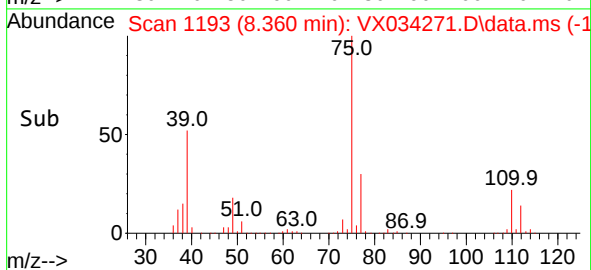
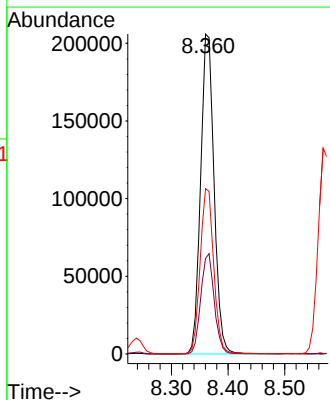
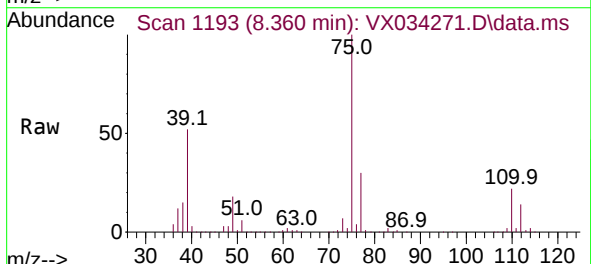
Manual Integrations
APPROVED

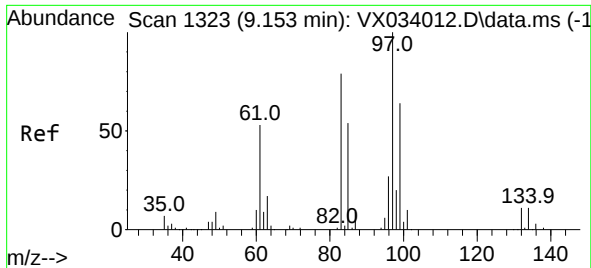
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#54
cis-1,3-Dichloropropene
Concen: 50.774 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

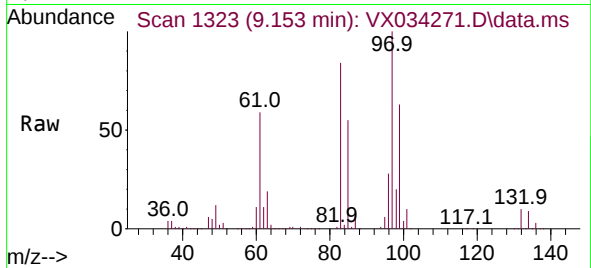
Tgt Ion: 75 Resp: 340343
Ion Ratio Lower Upper
75 100
77 29.9 25.0 37.6
39 51.6 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 53.691 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

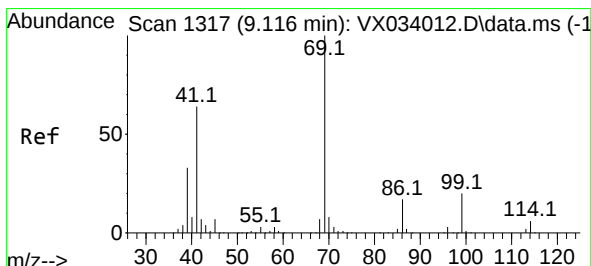
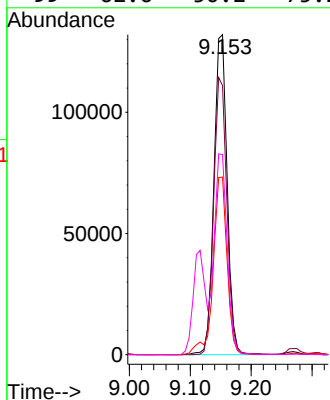
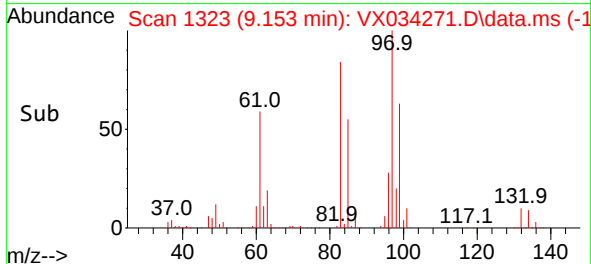
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



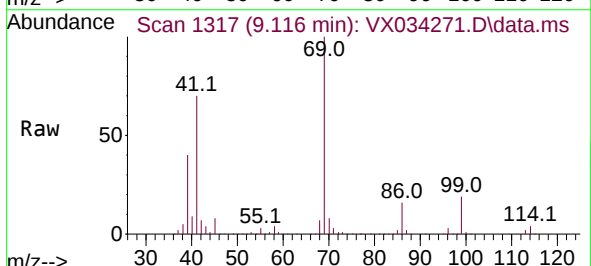
Tgt Ion:	97	Resp:	198672
Ion Ratio	100	Lower	Upper
97	100		
83	84.1	67.4	101.0
85	55.5	43.2	64.8
99	62.6	50.2	75.2

Manual Integrations
APPROVED

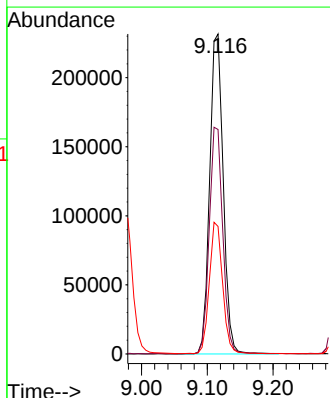
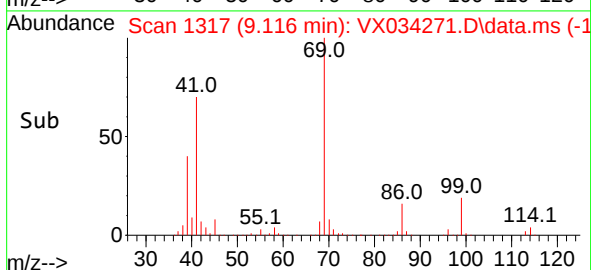
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

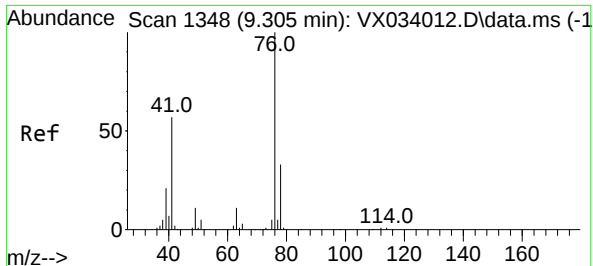


#56
Ethyl methacrylate
Concen: 53.040 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00



Tgt Ion:	69	Resp:	332013
Ion Ratio	100	Lower	Upper
69	100		
41	70.6	55.1	82.7
39	40.3	28.5	42.7





#57

1,3-Dichloropropane

Concen: 52.843 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 340199

Ion Ratio Lower Upper

76 100

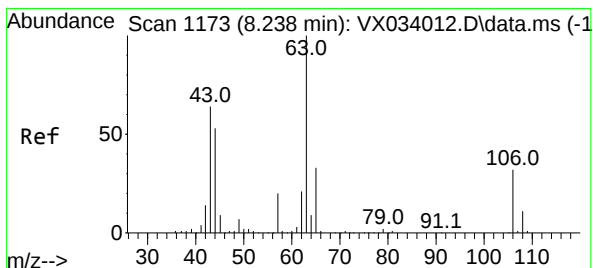
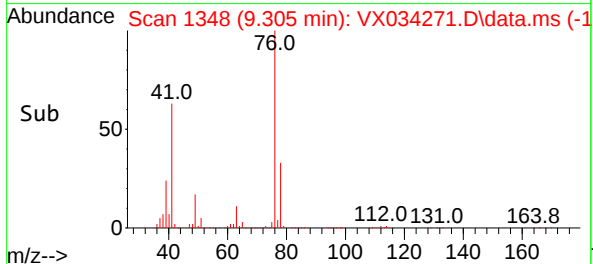
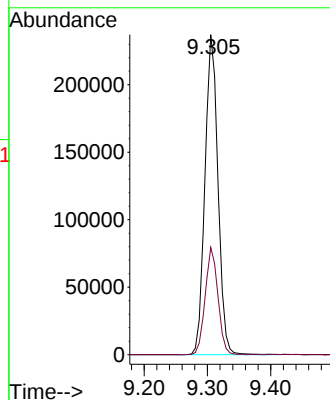
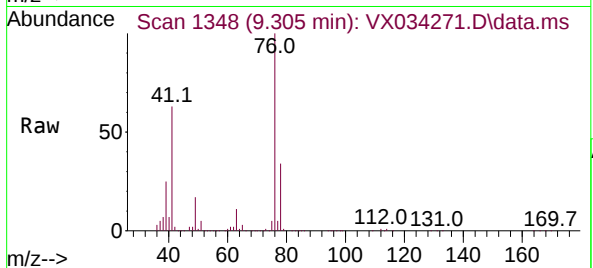
78 32.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 256.171 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034271.D

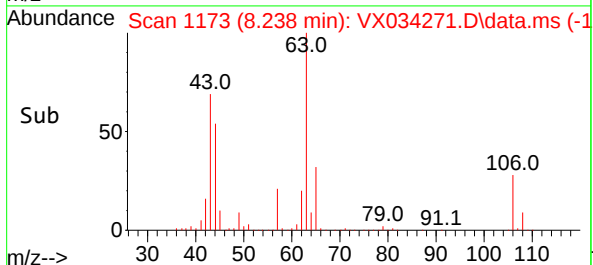
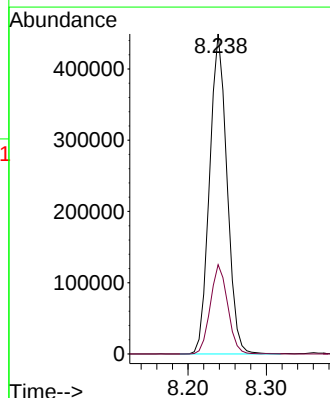
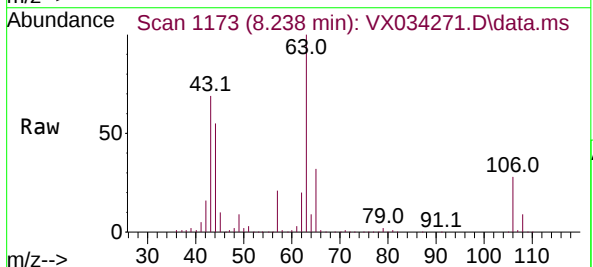
Acq: 27 Feb 2023 11:00

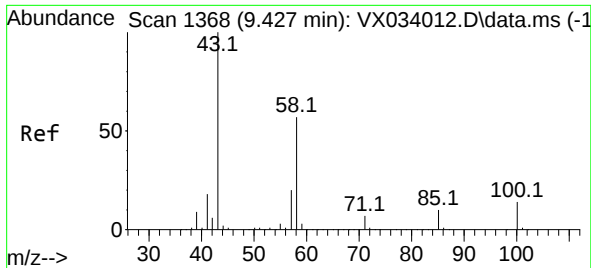
Tgt Ion: 63 Resp: 694639

Ion Ratio Lower Upper

63 100

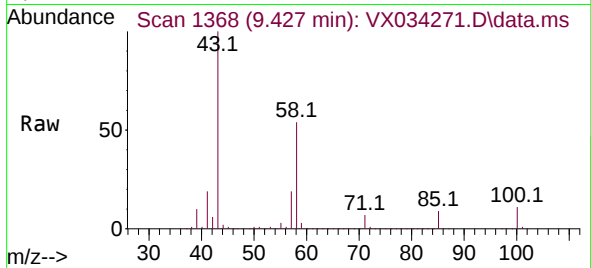
106 27.8 24.5 36.7





#59
2-Hexanone
Concen: 271.819 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

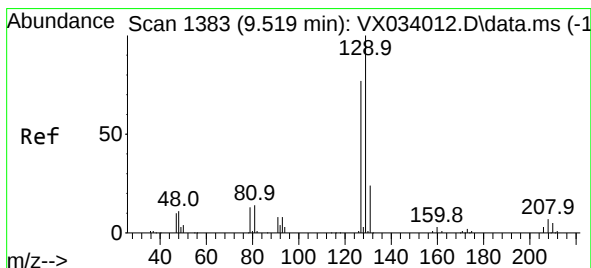
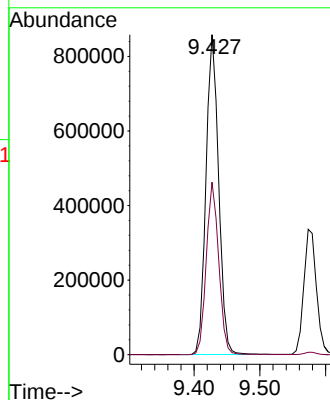
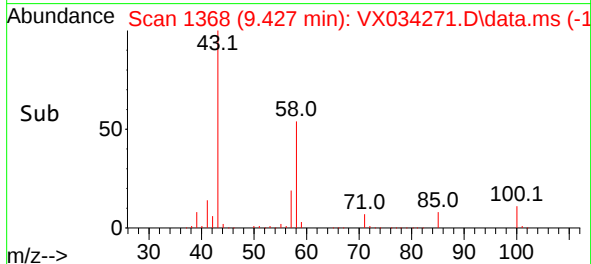
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



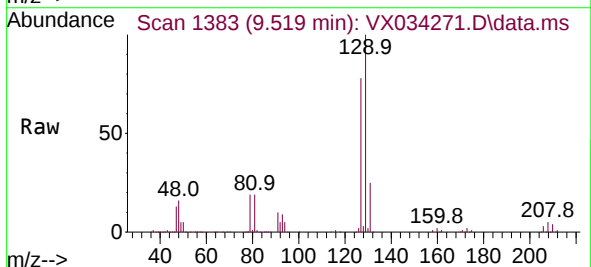
Tgt Ion: 43 Resp: 1147529
Ion Ratio Lower Upper
43 100
58 53.2 27.4 82.0

Manual Integrations
APPROVED

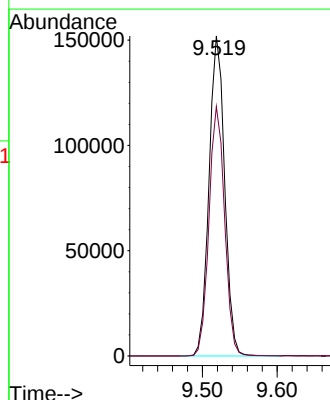
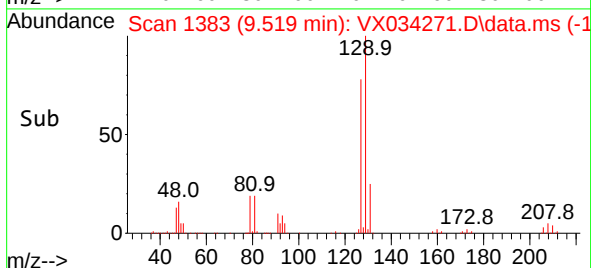
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

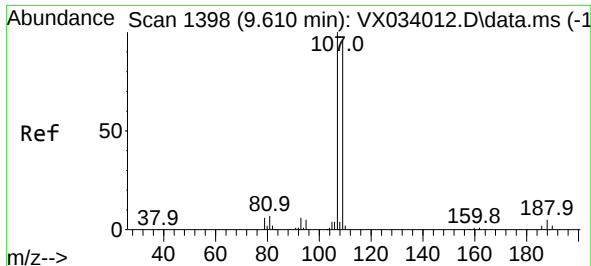


#60
Dibromochloromethane
Concen: 54.037 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00



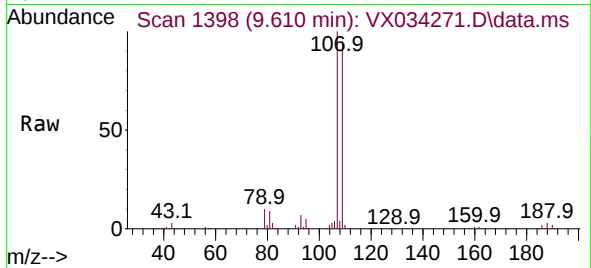
Tgt Ion:129 Resp: 220936
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.3





#61
1,2-Dibromoethane
Concen: 53.585 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

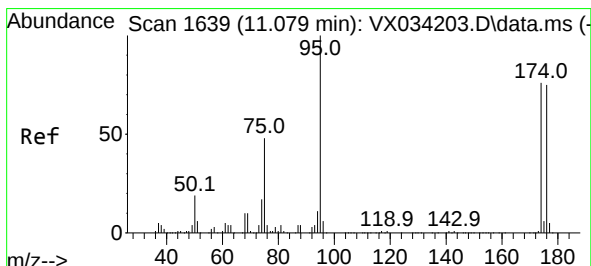
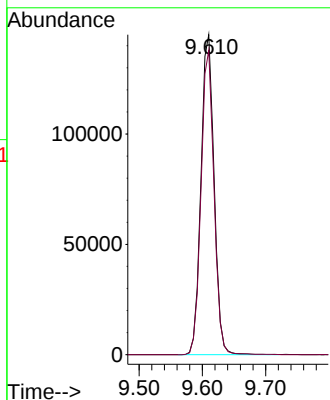
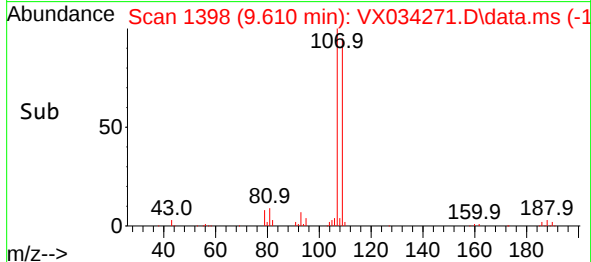
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



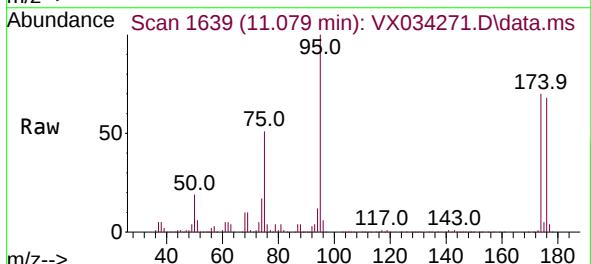
Tgt Ion:107 Resp: 20970
Ion Ratio Lower Upper
107 100
109 94.1 74.2 111.2

Manual Integrations
APPROVED

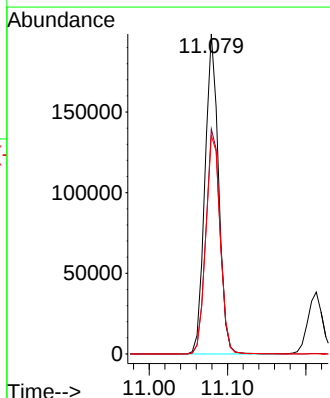
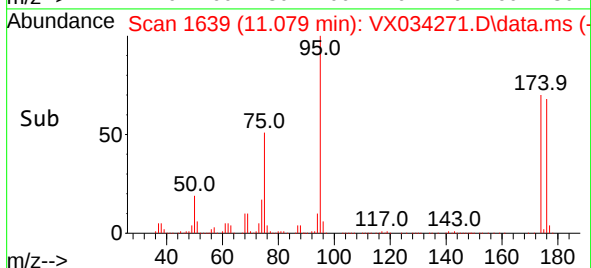
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

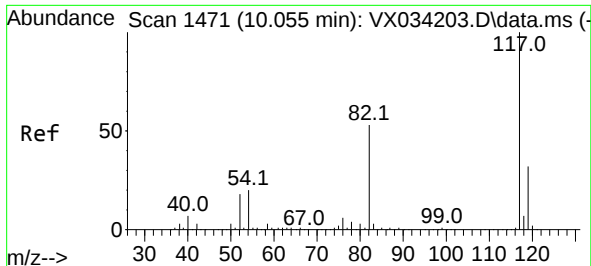


#62
4-Bromofluorobenzene
Concen: 50.384 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00



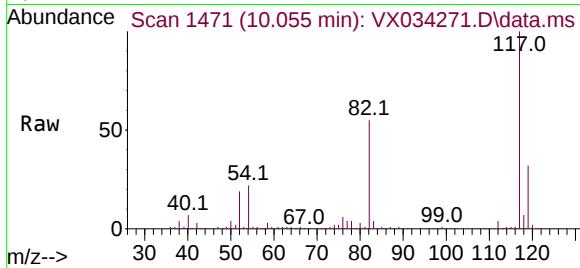
Tgt Ion: 95 Resp: 238861
Ion Ratio Lower Upper
95 100
174 73.3 0.0 184.4
176 72.2 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

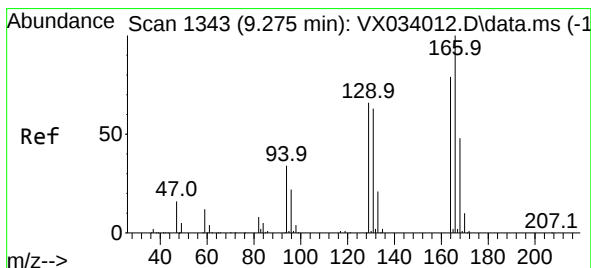
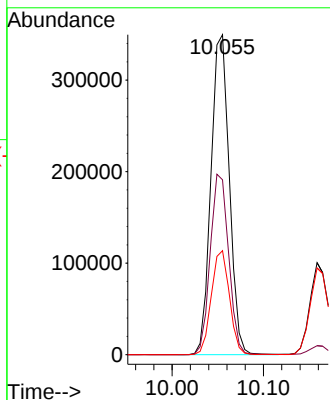
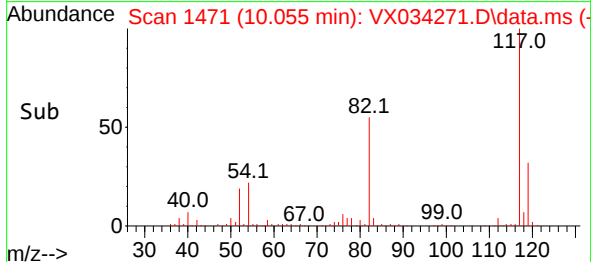
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 486284
Ion Ratio Lower Upper
117 100
82 54.7 40.6 60.8
119 32.5 25.6 38.4

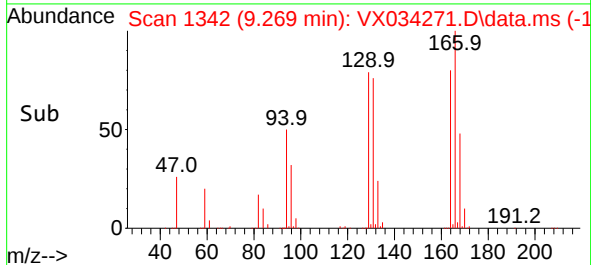
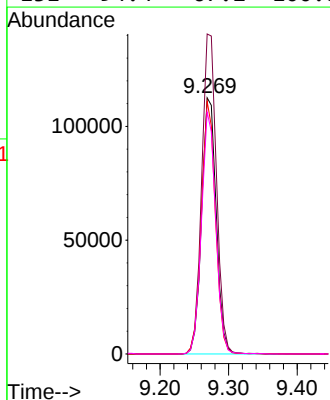
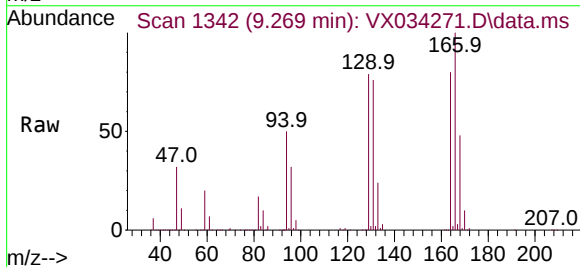
Manual Integrations
APPROVED

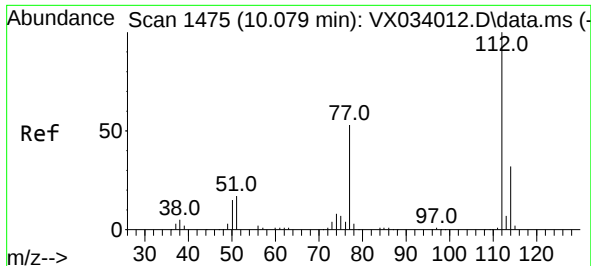
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#64
Tetrachloroethene
Concen: 48.591 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Tgt Ion:164 Resp: 166767
Ion Ratio Lower Upper
164 100
166 124.9 100.2 150.2
129 98.6 69.2 103.8
131 94.4 67.2 100.8





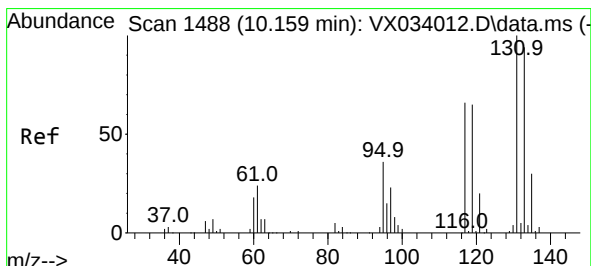
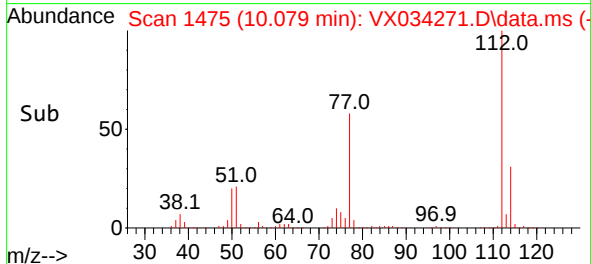
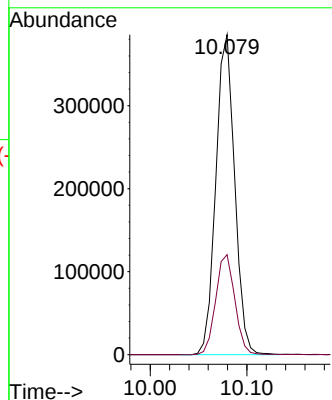
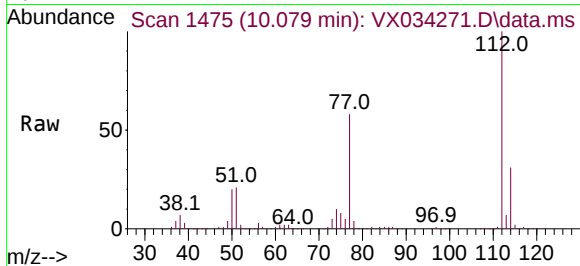
#65
Chlorobenzene
Concen: 51.317 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 52018
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.4

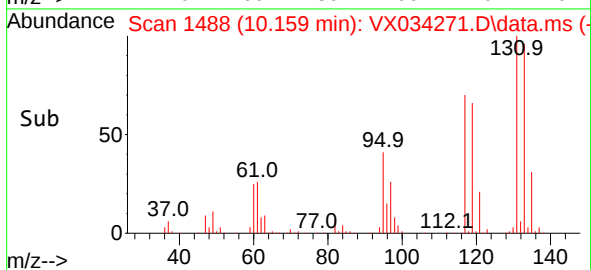
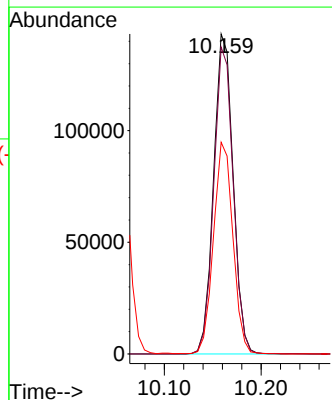
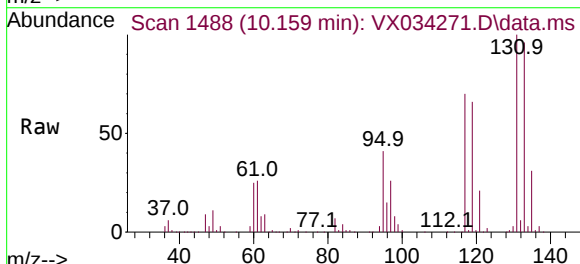
Manual Integrations
APPROVED

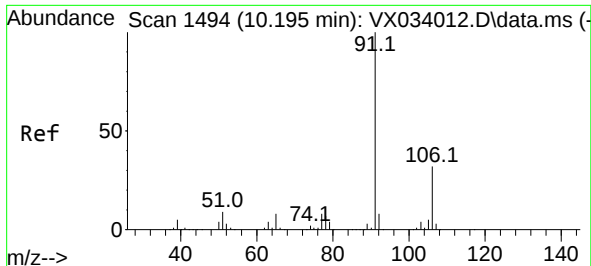
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.981 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Tgt Ion:131 Resp: 200056
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.0
119 66.0 31.9 95.7





#67

Ethyl Benzene

Concen: 52.189 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 950412

Ion Ratio Lower Upper

91 100

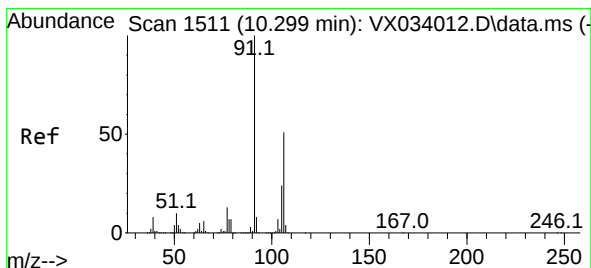
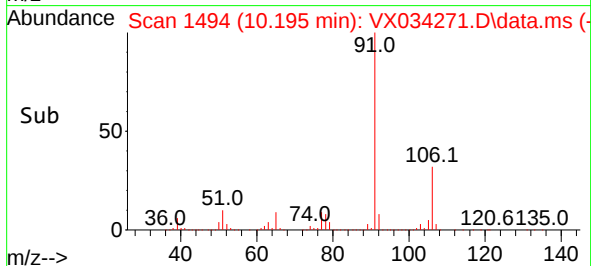
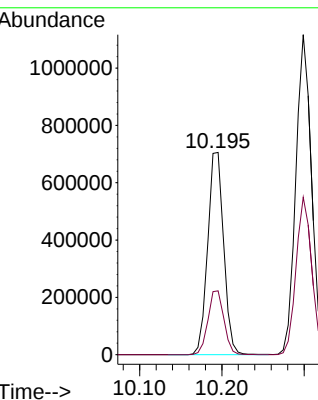
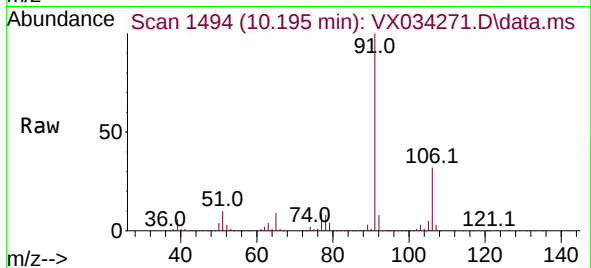
106 31.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#68

m/p-Xylenes

Concen: 104.819 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX034271.D

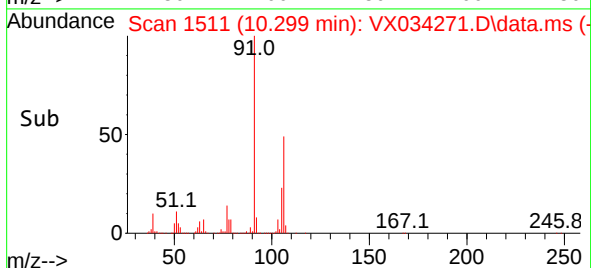
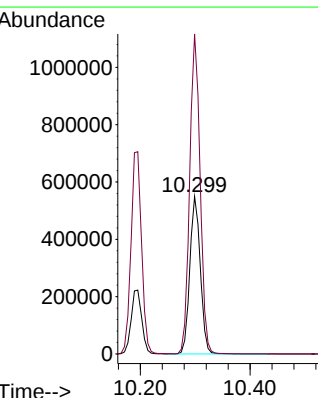
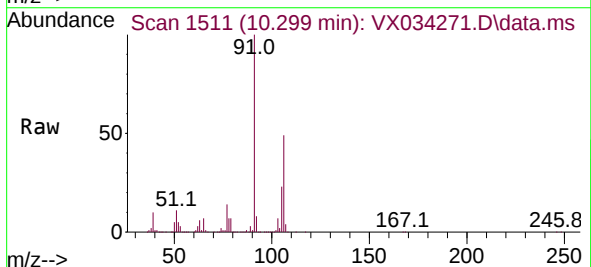
Acq: 27 Feb 2023 11:00

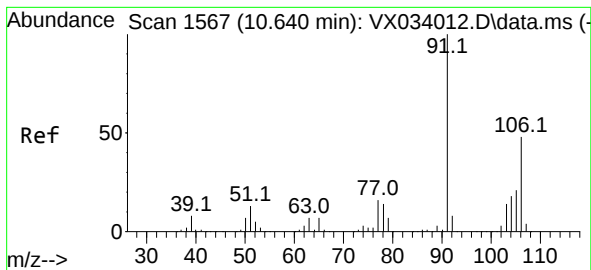
Tgt Ion:106 Resp: 730490

Ion Ratio Lower Upper

106 100

91 202.4 156.4 234.6





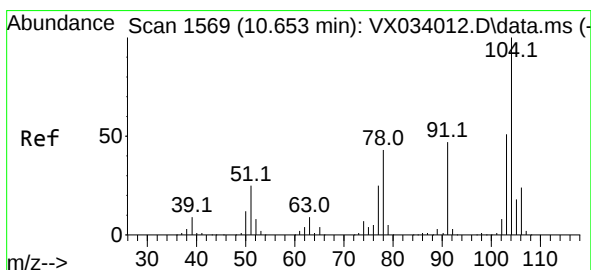
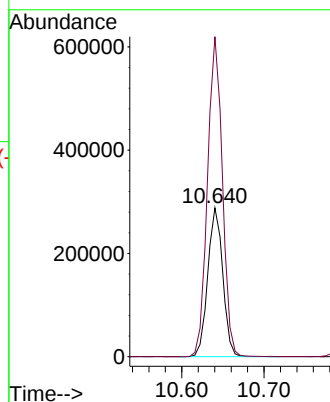
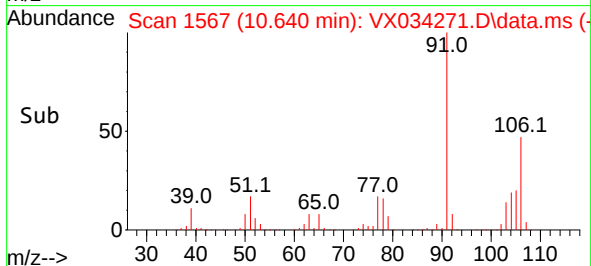
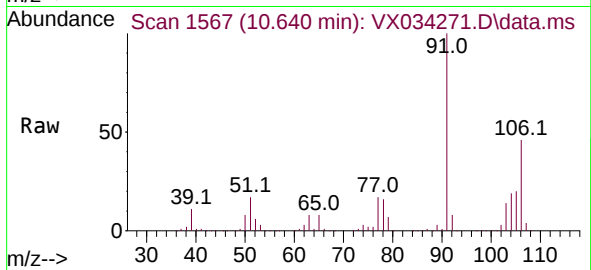
#69
o-Xylene
Concen: 52.624 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 365110
Ion Ratio Lower Upper
106 100
91 213.9 103.1 309.3

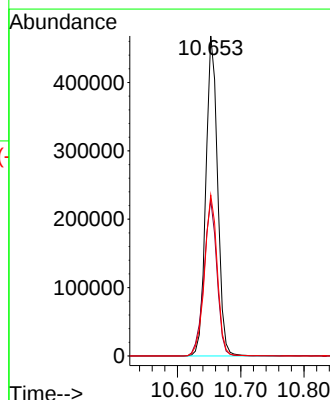
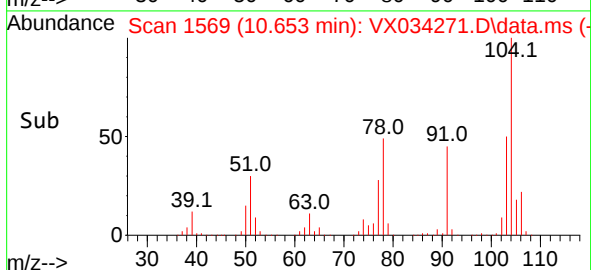
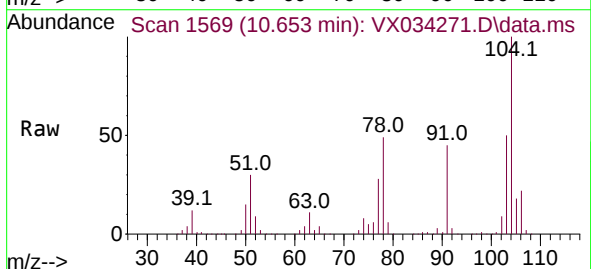
Manual Integrations
APPROVED

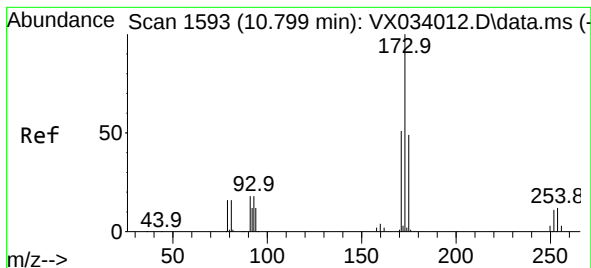
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#70
Styrene
Concen: 53.743 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

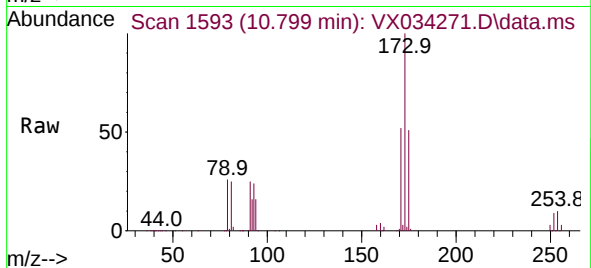
Tgt Ion:104 Resp: 606433
Ion Ratio Lower Upper
104 100
78 53.6 37.5 56.3
103 54.7 43.3 64.9





#71
Bromoform
Concen: 52.240 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

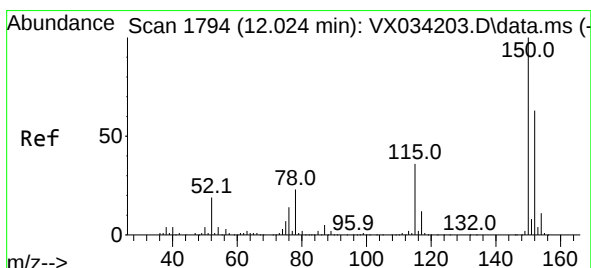
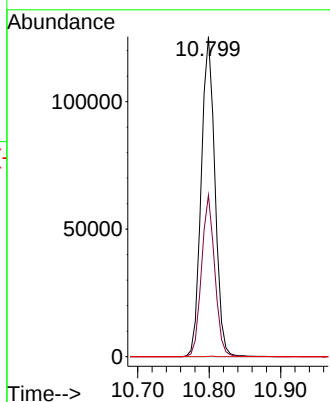
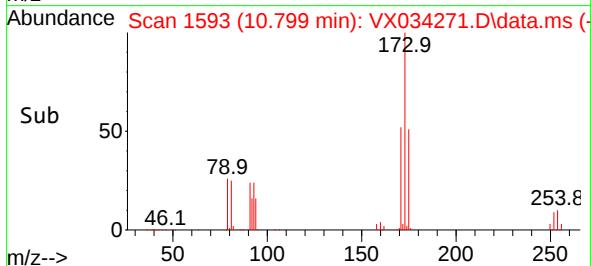
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



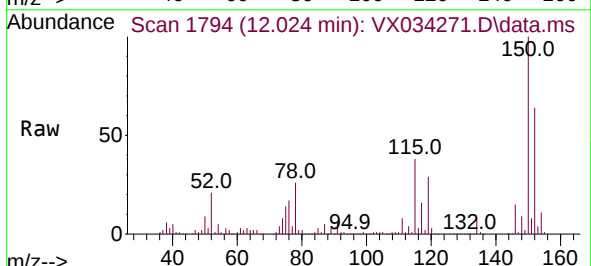
Tgt Ion:173 Resp: 167329
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.3
254 0.0 0.1 0.1

Manual Integrations
APPROVED

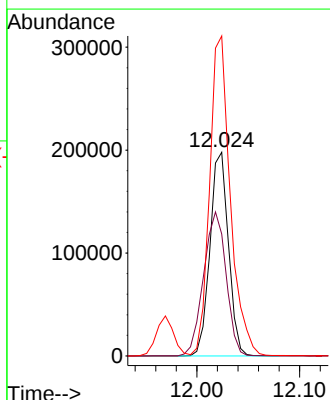
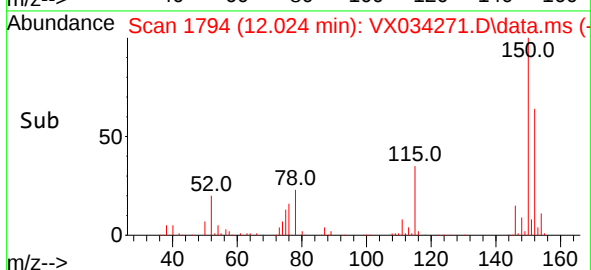
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

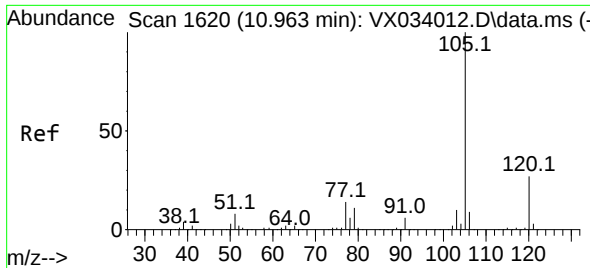


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00



Tgt Ion:152 Resp: 246583
Ion Ratio Lower Upper
152 100
115 86.6 38.7 116.1
150 175.9 0.0 348.2





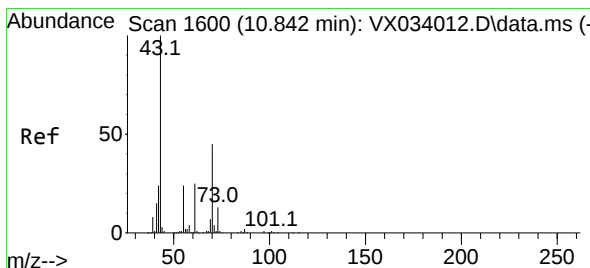
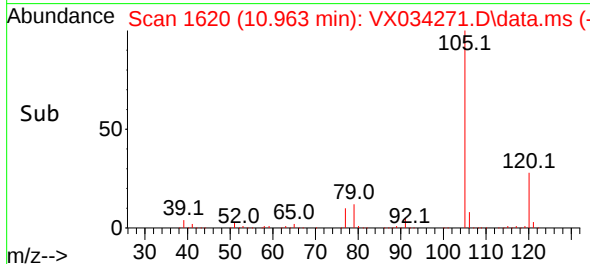
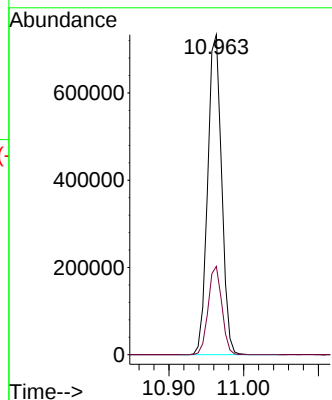
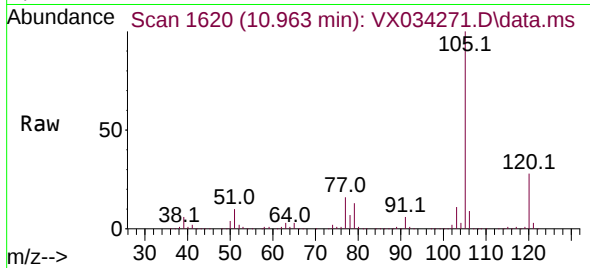
#73
Isopropylbenzene
Concen: 50.448 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 948062
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.8

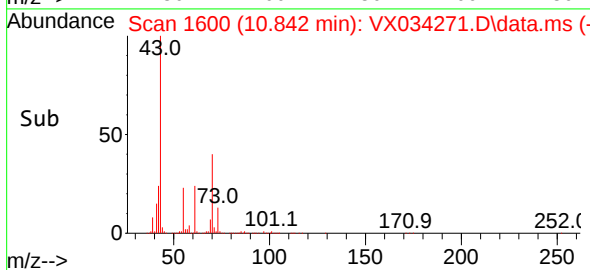
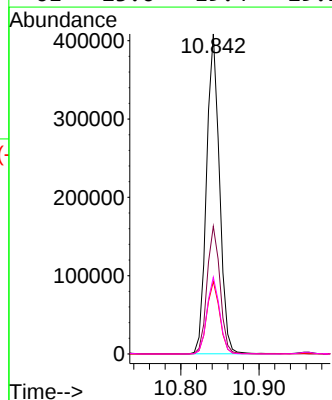
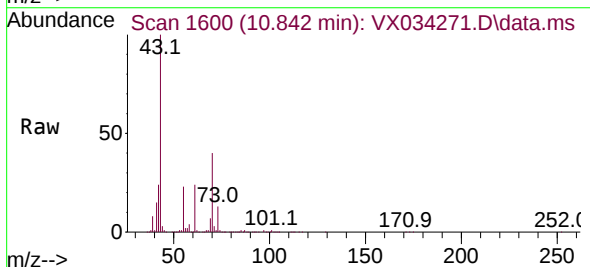
Manual Integrations
APPROVED

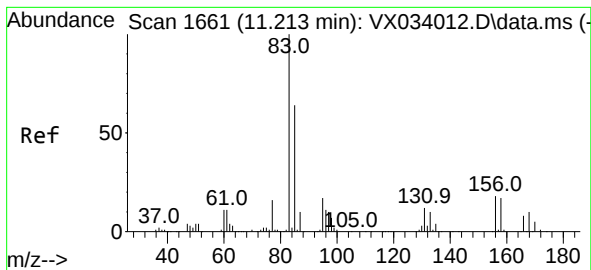
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#74
N-ethyl acetate
Concen: 49.406 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

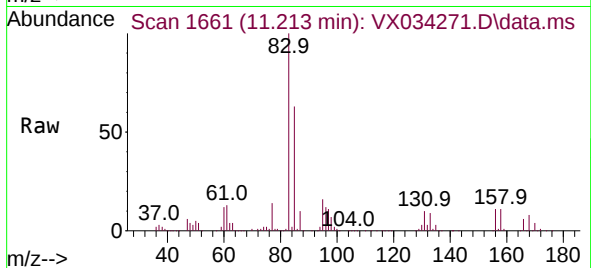
Tgt Ion: 43 Resp: 466452
Ion Ratio Lower Upper
43 100
70 40.1 34.8 52.2
55 22.6 19.4 29.0
61 23.6 19.4 29.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.287 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

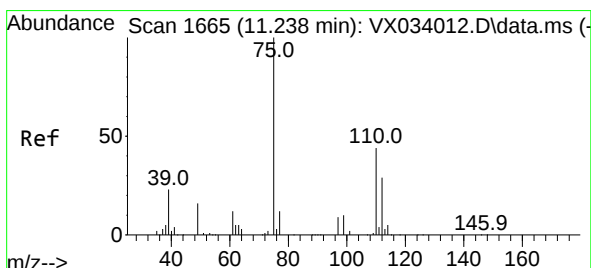
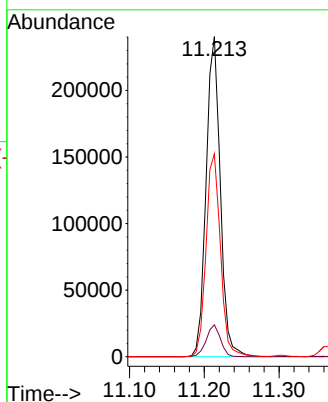
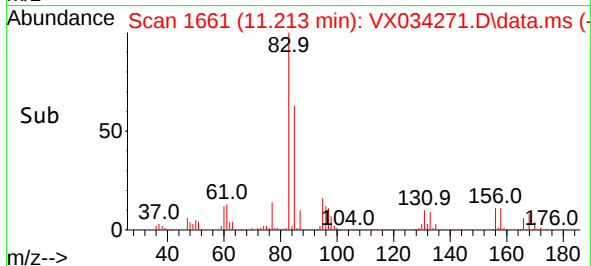
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



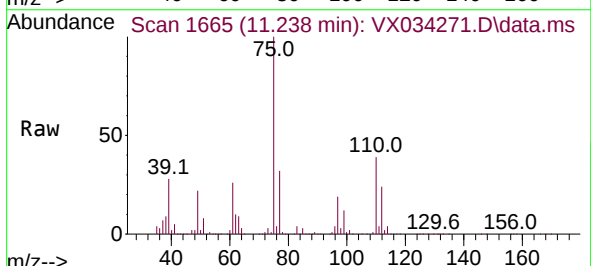
Tgt Ion: 83 Resp: 31680
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.7
85 64.4 32.3 96.9

Manual Integrations
APPROVED

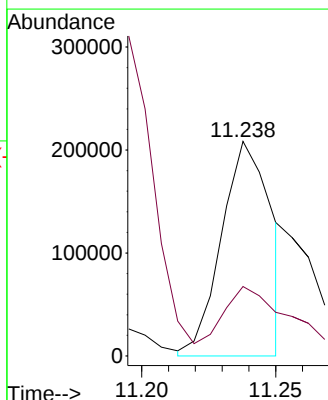
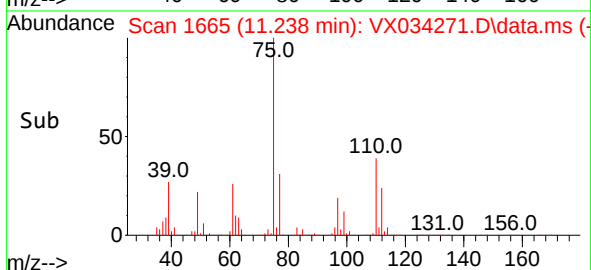
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

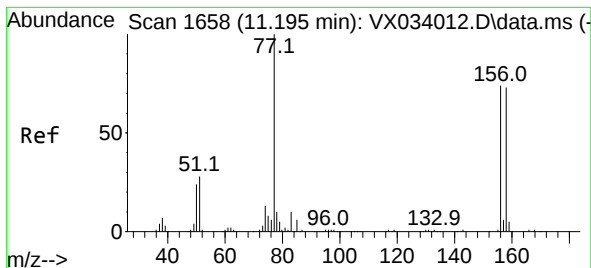


#76
1,2,3-Trichloropropane
Concen: 43.369 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00



Tgt Ion: 75 Resp: 269093
Ion Ratio Lower Upper
75 100
77 44.6 21.8 65.4





#77

Bromobenzene

Concen: 50.212 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

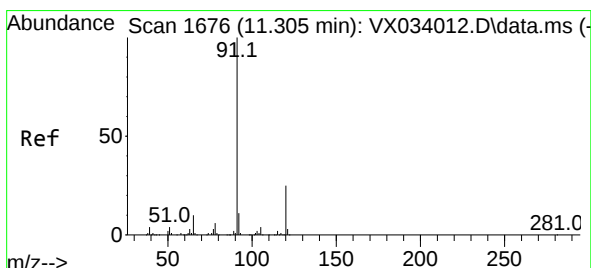
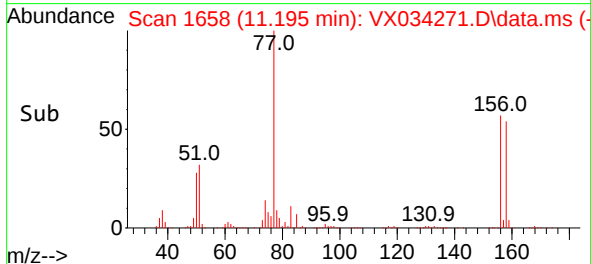
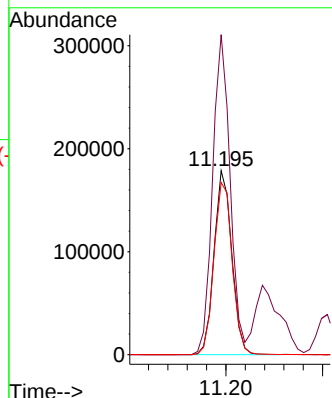
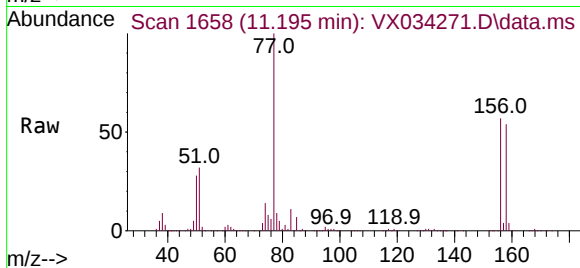
Tgt Ion:156 Resp: 227082
 Ion Ratio Lower Upper
 156 100
 77 171.8 68.1 204.3
 158 96.6 48.0 144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#78

n-propylbenzene

Concen: 51.968 ug/l

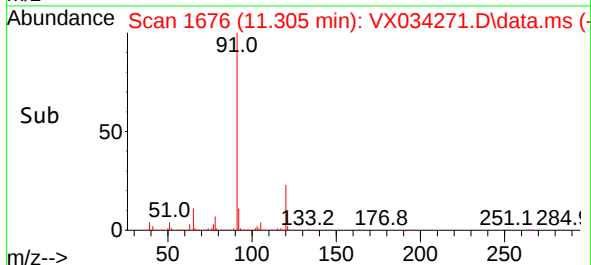
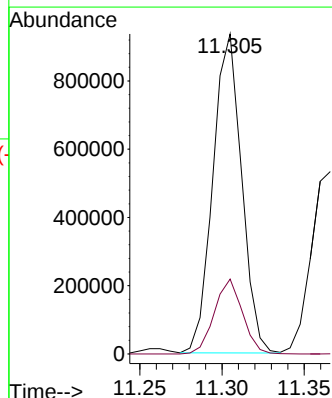
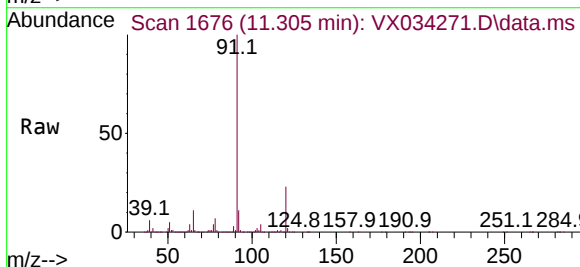
RT: 11.305 min Scan# 1676

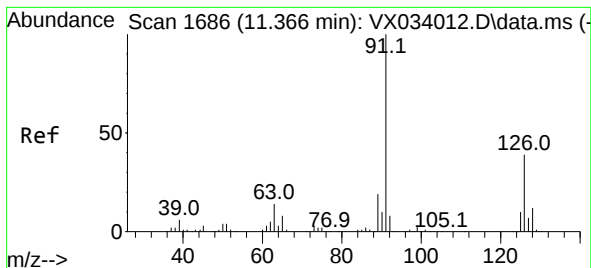
Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Tgt Ion: 91 Resp: 1135821
 Ion Ratio Lower Upper
 91 100
 120 23.0 12.3 36.8





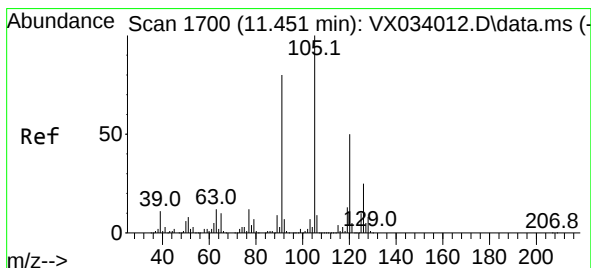
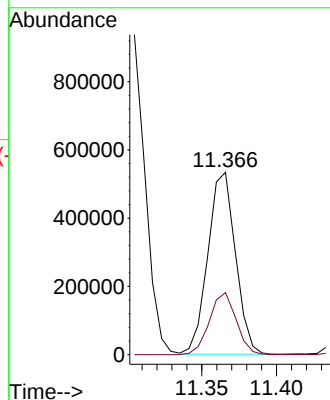
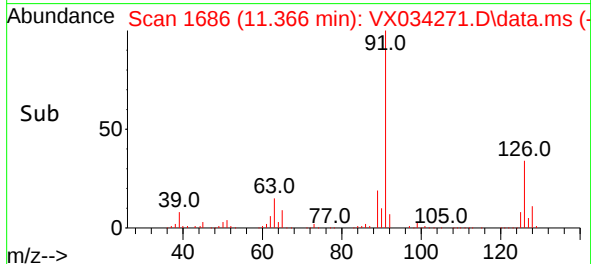
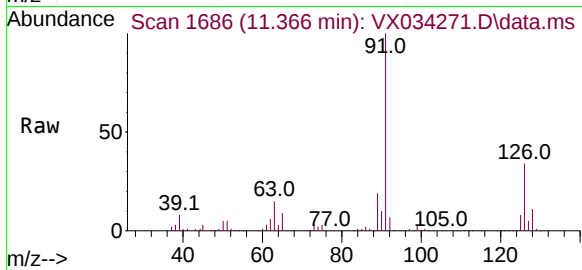
#79
2-Chlorotoluene
Concen: 51.068 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 68440
Ion Ratio Lower Upper
91 100
126 33.1 18.1 54.1

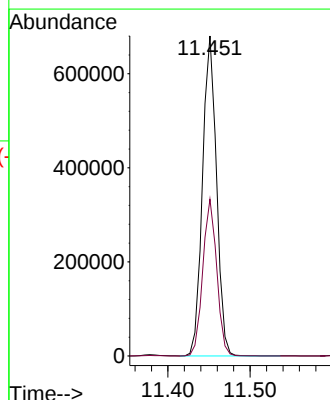
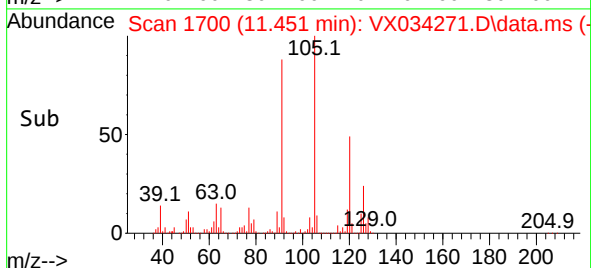
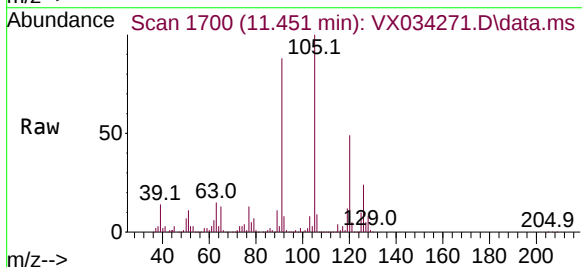
Manual Integrations
APPROVED

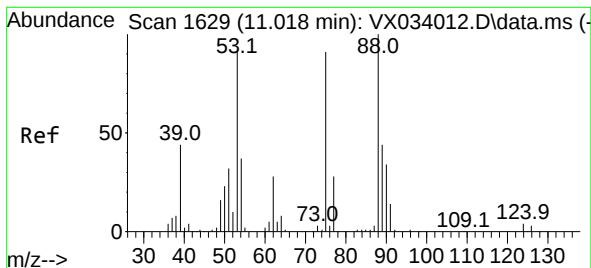
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.910 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

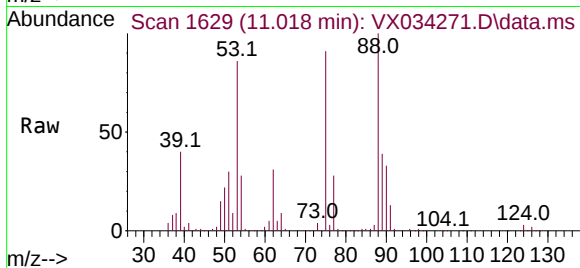
Tgt Ion:105 Resp: 804385
Ion Ratio Lower Upper
105 100
120 48.7 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.277 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

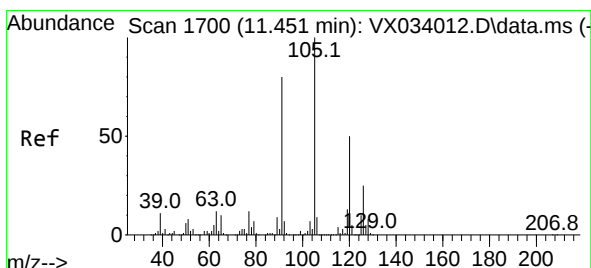
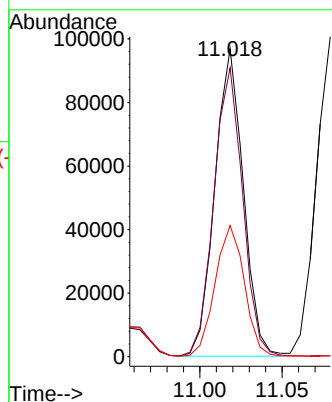
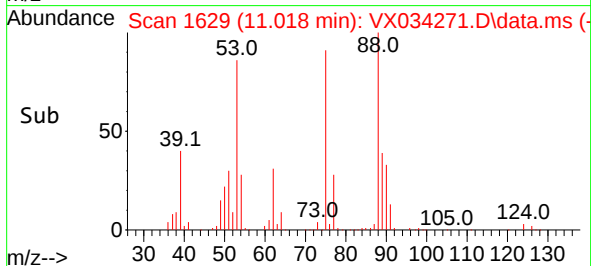
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



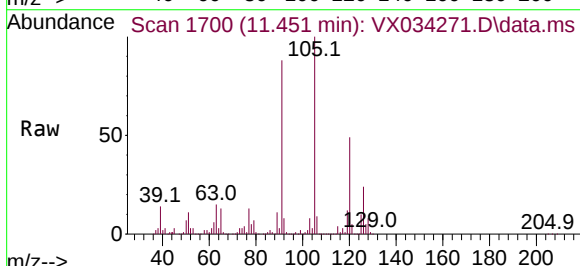
Tgt Ion: 75 Resp: 11660
Ion Ratio Lower Upper
75 100
53 94.6 83.0 124.6
89 44.4 37.7 56.5

Manual Integrations
APPROVED

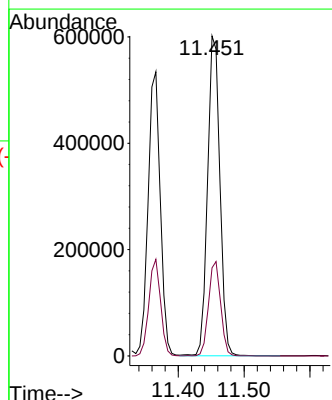
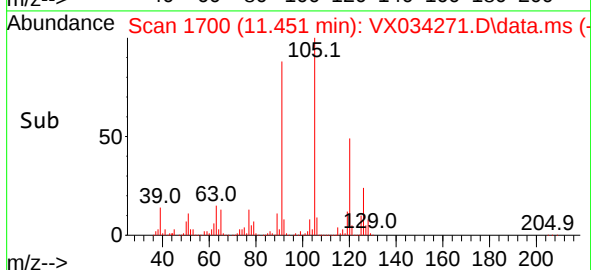
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

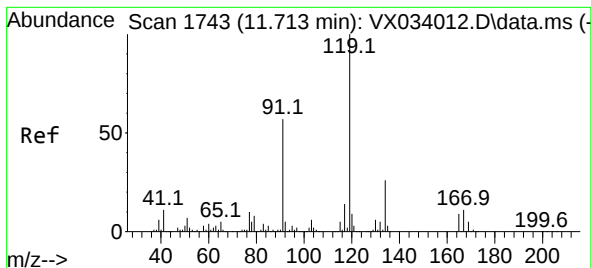


#82
4-Chlorotoluene
Concen: 51.390 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00



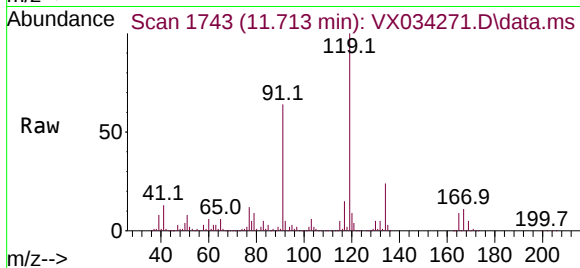
Tgt Ion: 91 Resp: 784439
Ion Ratio Lower Upper
91 100
126 29.0 15.8 47.4





#83
tert-Butylbenzene
Concen: 50.826 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

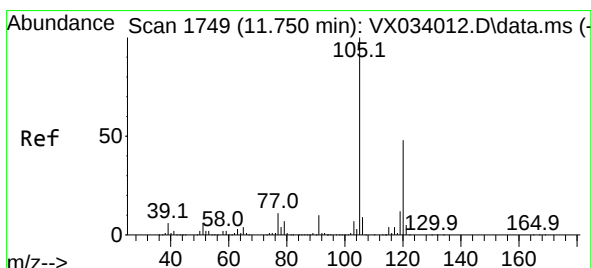
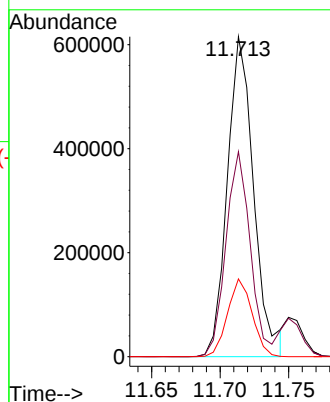
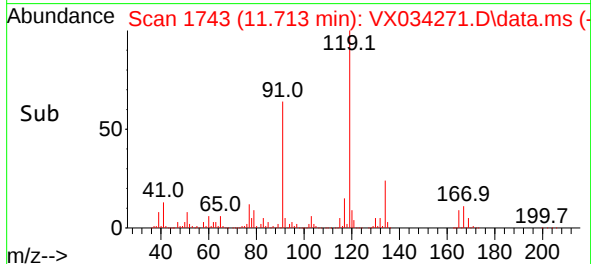
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



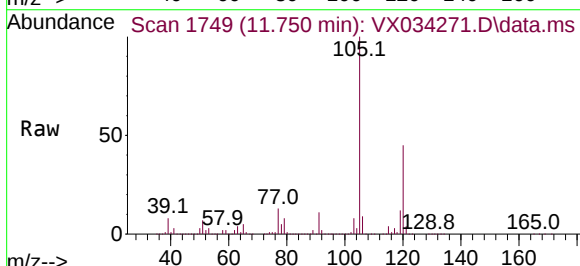
Tgt Ion:119 Resp: 822462
Ion Ratio Lower Upper
119 100
91 59.4 26.9 80.7
134 22.8 12.3 36.8

Manual Integrations
APPROVED

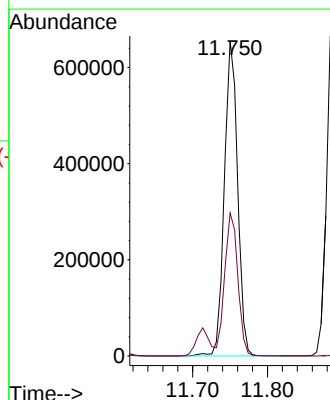
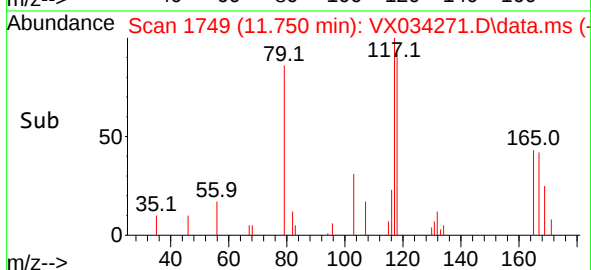
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

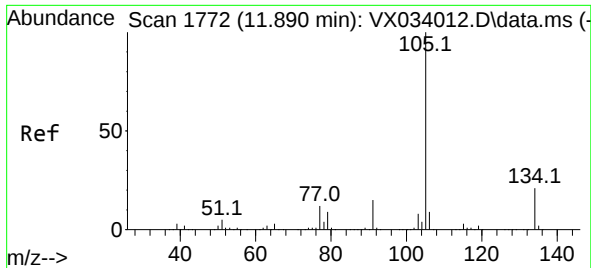


#84
1,2,4-Trimethylbenzene
Concen: 50.725 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00



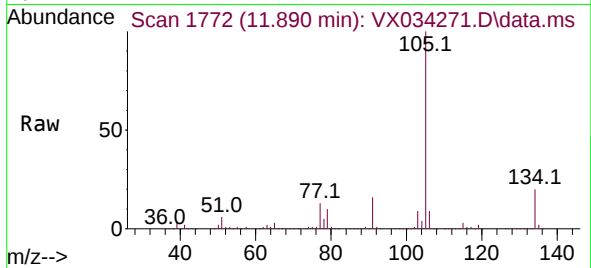
Tgt Ion:105 Resp: 810359
Ion Ratio Lower Upper
105 100
120 44.9 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 52.398 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034271.D
 Acq: 27 Feb 2023 11:00

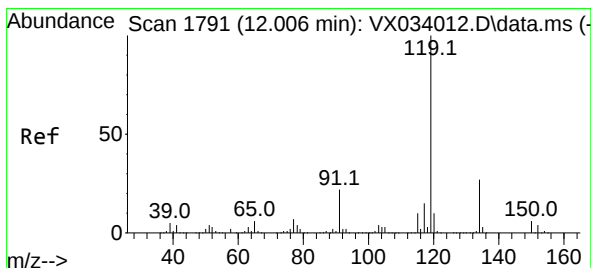
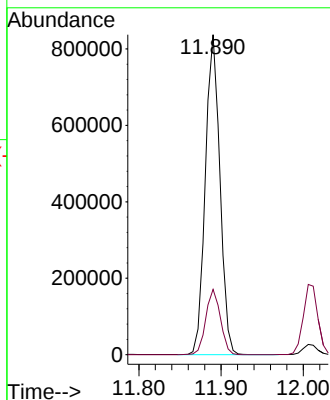
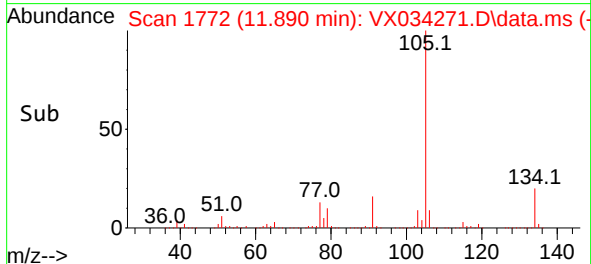
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 1029670
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.8 32.3

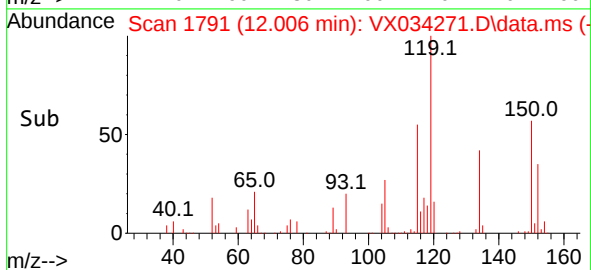
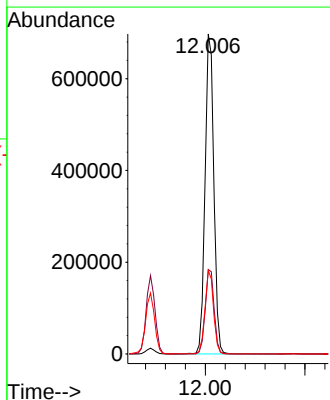
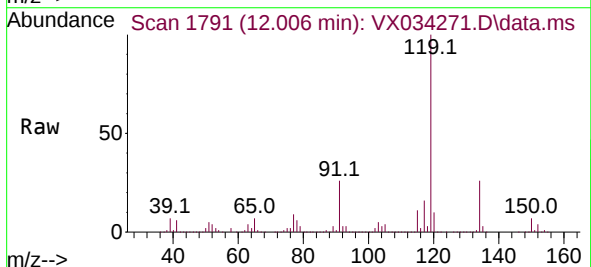
Manual Integrations
 APPROVED

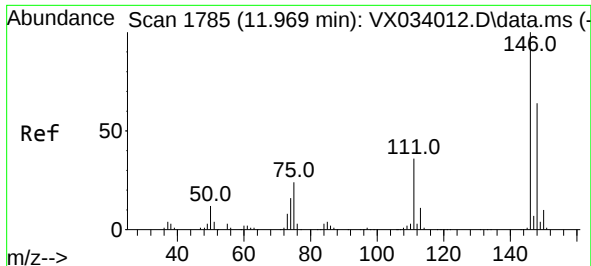
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#86
 p-Isopropyltoluene
 Concen: 52.244 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX034271.D
 Acq: 27 Feb 2023 11:00

Tgt Ion:119 Resp: 849650
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.6 40.8
 91 25.4 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 51.481 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 436633

Ion Ratio Lower Upper

146 100

111 41.7 18.6 55.6

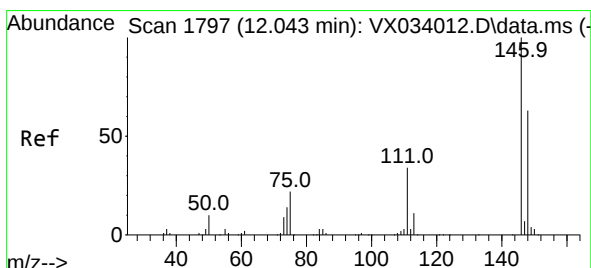
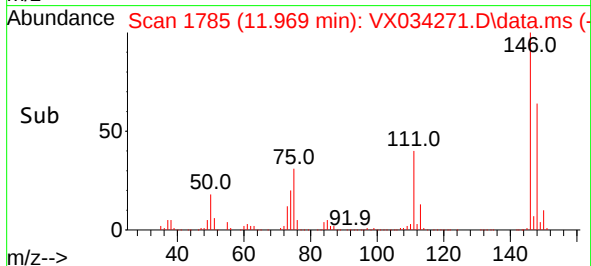
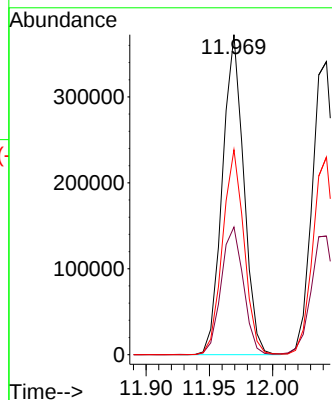
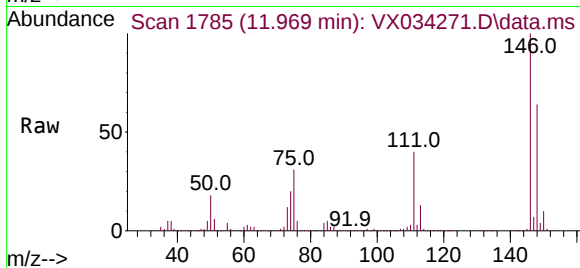
148 64.3 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#88

1,4-Dichlorobenzene

Concen: 51.173 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

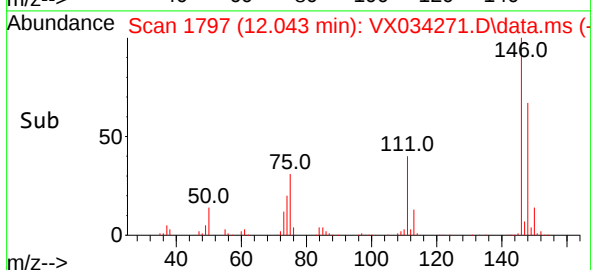
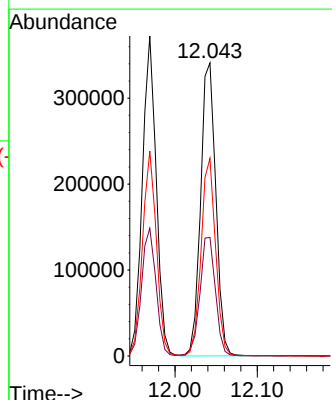
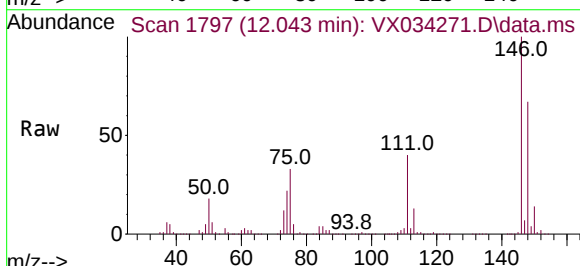
Tgt Ion:146 Resp: 437774

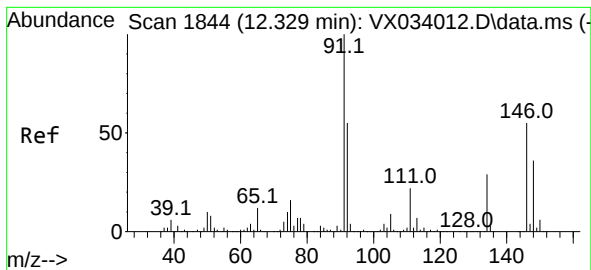
Ion Ratio Lower Upper

146 100

111 41.4 17.8 53.4

148 64.7 32.1 96.3





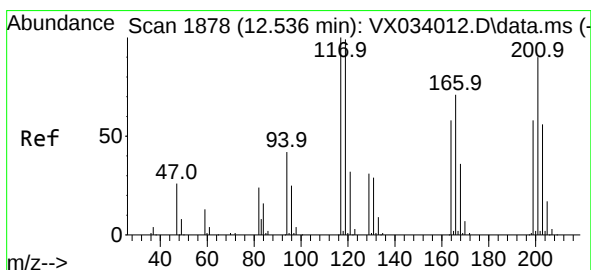
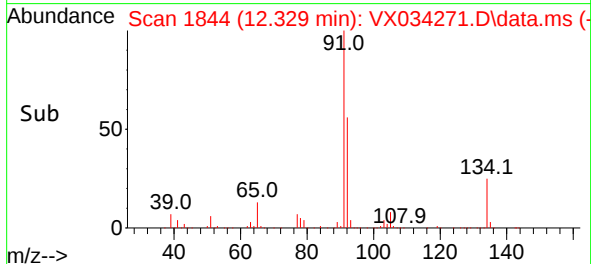
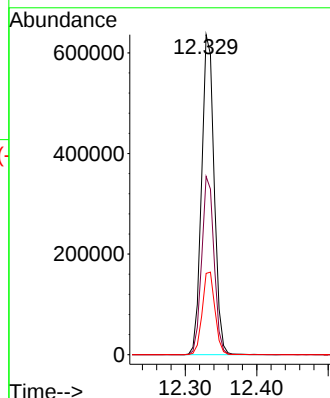
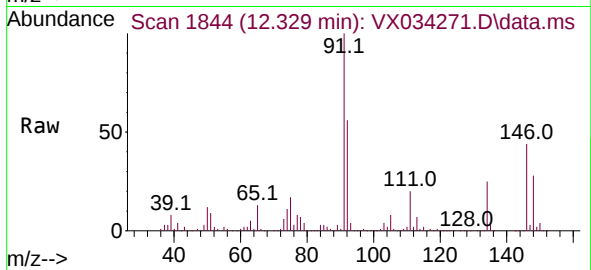
#89
n-Butylbenzene
Concen: 53.548 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 77564
Ion Ratio Lower Upper
91 100
92 54.9 27.5 82.5
134 26.1 14.3 42.9

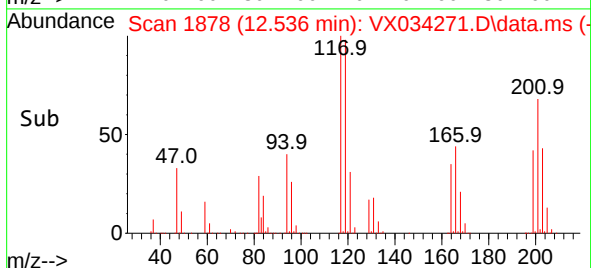
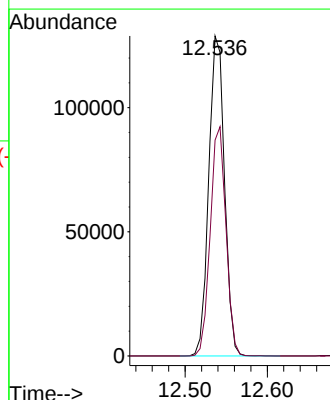
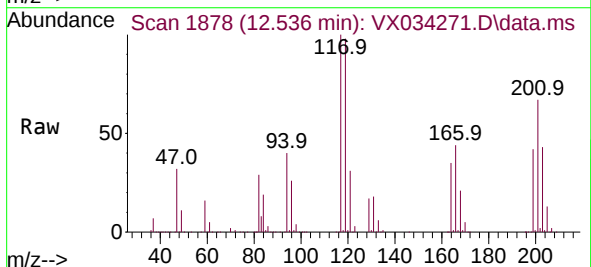
Manual Integrations
APPROVED

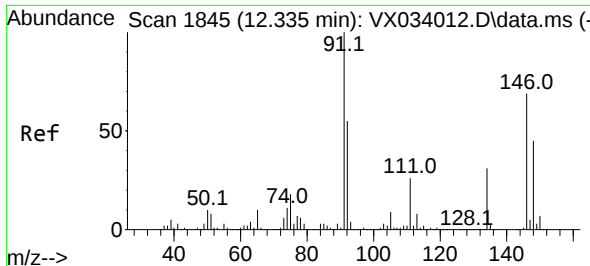
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#90
Hexachloroethane
Concen: 50.480 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

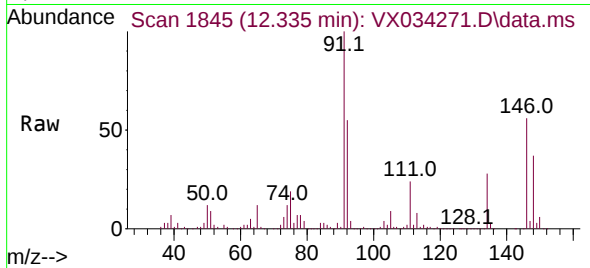
Tgt Ion:117 Resp: 171652
Ion Ratio Lower Upper
117 100
201 71.3 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 51.189 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

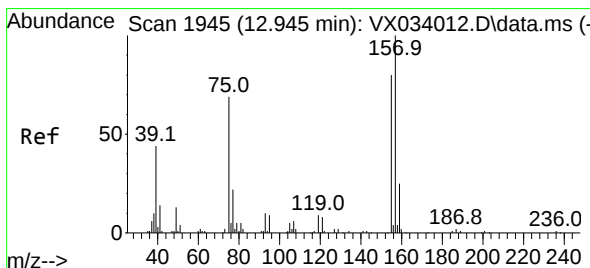
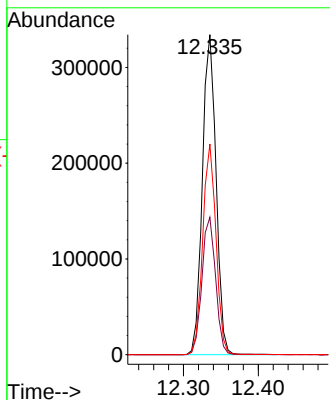
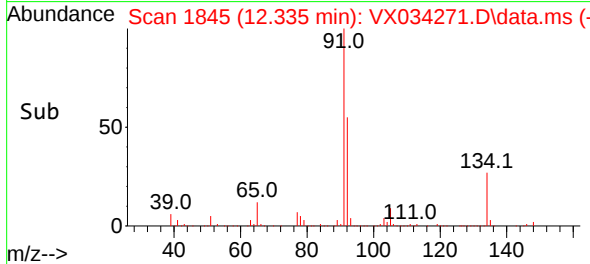
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 424785
Ion Ratio Lower Upper
146 100
111 42.9 19.3 57.8
148 64.1 32.3 96.9

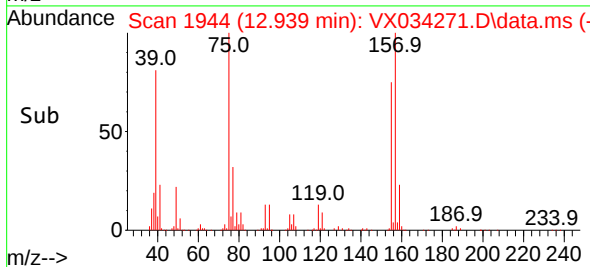
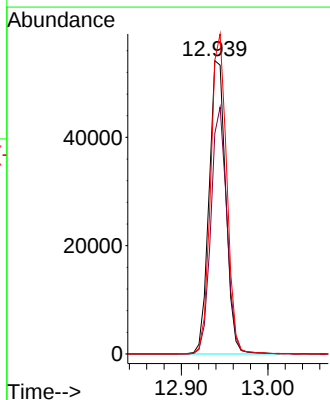
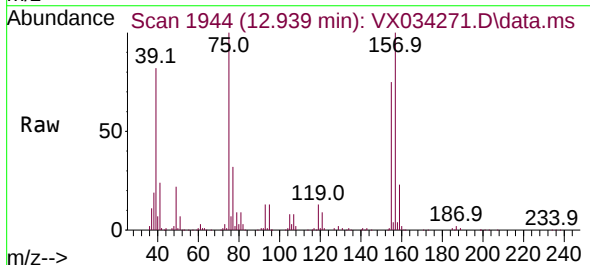
Manual Integrations
APPROVED

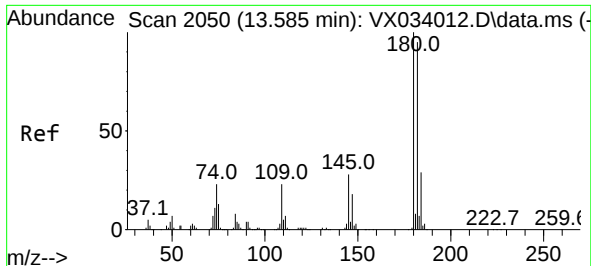
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.225 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

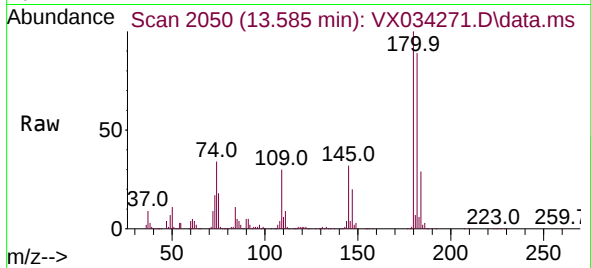
Tgt Ion: 75 Resp: 72384
Ion Ratio Lower Upper
75 100
155 80.4 51.7 155.1
157 105.2 67.5 202.3





#93
1,2,4-Trichlorobenzene
Concen: 52.560 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

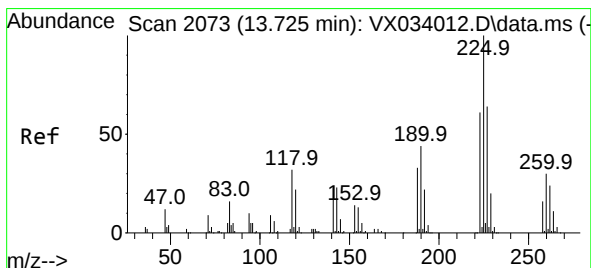
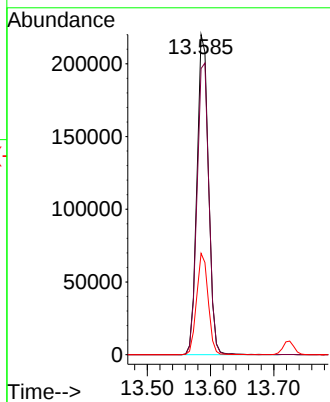
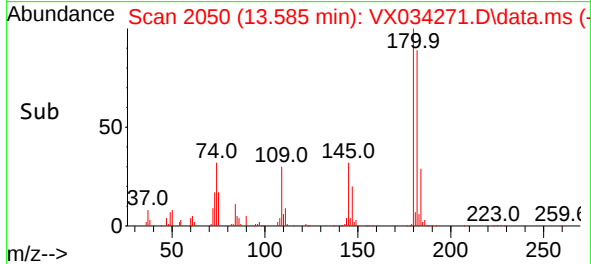
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



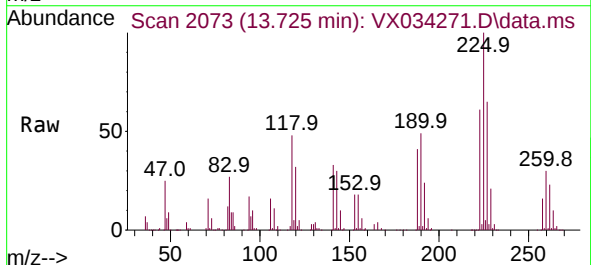
Tgt Ion:180 Resp: 280025
Ion Ratio Lower Upper
180 100
182 94.0 47.9 143.6
145 31.6 14.1 42.2

Manual Integrations
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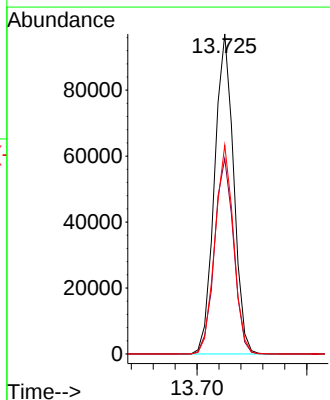
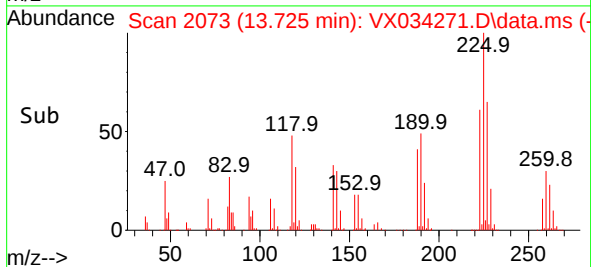
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

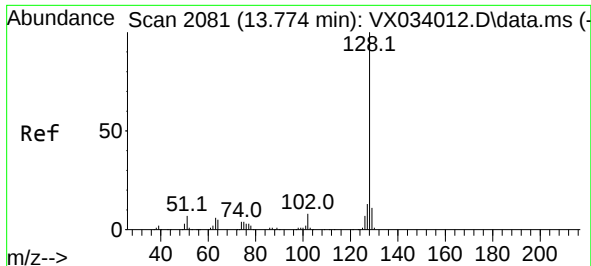


#94
Hexachlorobutadiene
Concen: 53.264 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00



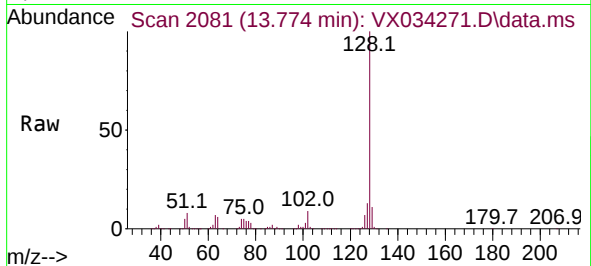
Tgt Ion:225 Resp: 117639
Ion Ratio Lower Upper
225 100
223 61.1 31.3 93.9
227 63.3 32.3 96.9





#95
Naphthalene
Concen: 50.124 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

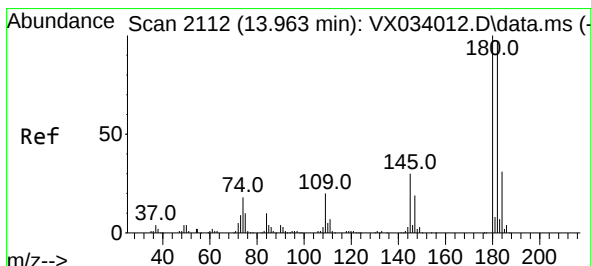
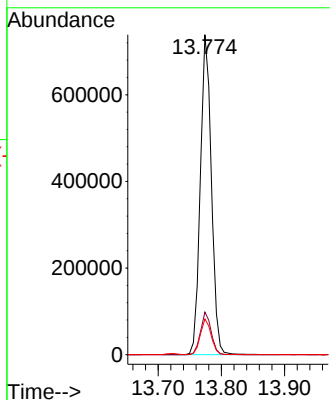
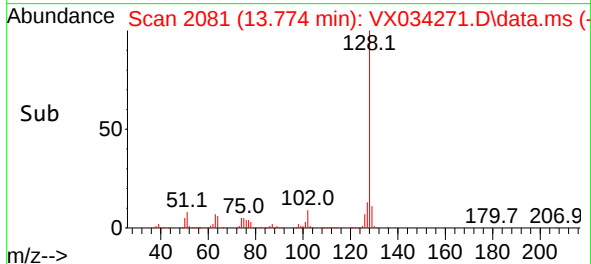
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 899600
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.832 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034271.D
Acq: 27 Feb 2023 11:00

Tgt Ion:180 Resp: 268863
Ion Ratio Lower Upper
180 100
182 97.2 47.6 142.9
145 33.9 15.1 45.3

