

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013122\
 Data File : VX026669.D
 Acq On : 31 Jan 2022 10:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2022
 Supervised By : Mahesh Dadoda 02/04/2022

Quant Time: Jan 31 13:55:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	89168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143059	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54159	43.480	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.960%		
35) Dibromofluoromethane	5.385	113	44572	48.247	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.500%		
50) Toluene-d8	8.647	98	164030	49.272	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.540%		
62) 4-Bromofluorobenzene	11.079	95	60956	51.543	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	46230	43.906	ug/l	99
3) Chloromethane	1.295	50	44600	46.206	ug/l	99
4) Vinyl Chloride	1.380	62	47379	46.751	ug/l	98
5) Bromomethane	1.618	94	24229	51.828	ug/l	97
6) Chloroethane	1.691	64	22409	43.728	ug/l	99
7) Trichlorofluoromethane	1.892	101	75071	46.919	ug/l	98
8) Diethyl Ether	2.136	74	27562	48.681	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	50112	51.394	ug/l	98
10) Methyl Iodide	2.459	142	61436	57.771	ug/l	97
11) Tert butyl alcohol	3.032	59	40492	233.682	ug/l #	93
12) 1,1-Dichloroethene	2.325	96	45994	49.390	ug/l	91
13) Acrolein	2.239	56	48798	265.025	ug/l	98
14) Allyl chloride	2.666	41	87231	50.936	ug/l	96
15) Acrylonitrile	3.069	53	141340	264.979	ug/l	99
16) Acetone	2.392	43	172004	270.782	ug/l	97
17) Carbon Disulfide	2.520	76	117852	43.346	ug/l	98
18) Methyl Acetate	2.703	43	66002	52.265	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	168550	49.882	ug/l	100
20) Methylene Chloride	2.794	84	53232	50.721	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	50661	50.252	ug/l	98
22) Diisopropyl ether	3.757	45	175082	50.330	ug/l	94
23) Vinyl Acetate	3.721	43	731154	255.337	ug/l	98
24) 1,1-Dichloroethane	3.611	63	95941	51.068	ug/l	99
25) 2-Butanone	4.562	43	221933	268.660	ug/l	97
26) 2,2-Dichloropropane	4.477	77	75410	54.152	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	60145	52.274	ug/l	98
28) Bromochloromethane	4.898	49	39385	51.055	ug/l	98
29) Tetrahydrofuran	5.007	42	122855	250.407	ug/l	98
30) Chloroform	5.093	83	99365	50.904	ug/l	98
31) Cyclohexane	5.471	56	86761	47.224	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	87812	51.142	ug/l	99
36) 1,1-Dichloropropene	5.696	75	72867	49.964	ug/l	98
37) Ethyl Acetate	4.715	43	74416	50.442	ug/l	99
38) Carbon Tetrachloride	5.678	117	79151	52.762	ug/l	96
39) Methylcyclohexane	7.385	83	91095	51.784	ug/l	96
40) Benzene	6.038	78	210005	52.097	ug/l	100

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Manual Integrations
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 Supervised By : Mahesh Dadoda 02/04/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43034	51.494	ug/l	97
42) 1,2-Dichloroethane	6.086	62	78156	49.555	ug/l	98
43) Isopropyl Acetate	6.336	43	124285	52.153	ug/l	98
44) Trichloroethene	7.123	130	62973	55.055	ug/l	96
45) 1,2-Dichloropropane	7.428	63	55043	54.704	ug/l	97
46) Dibromomethane	7.580	93	38159	53.798	ug/l	97
47) Bromodichloromethane	7.824	83	79798	55.680	ug/l	99
48) Methyl methacrylate	7.690	41	62143	52.619	ug/l	97
49) 1,4-Dioxane	7.696	88	16725	862.950	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	374923	265.246	ug/l	98
52) Toluene	8.720	92	138822	56.159	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	82864	53.934	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	89873	58.386	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	55405	57.435	ug/l	97
56) Ethyl methacrylate	9.116	69	85397	57.766	ug/l	96
57) 1,3-Dichloropropane	9.305	76	93985	56.197	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	204548	263.871	ug/l	98
59) 2-Hexanone	9.433	43	295193	272.859	ug/l	97
60) Dibromochloromethane	9.519	129	62274	61.950	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57810	57.512	ug/l	99
64) Tetrachloroethene	9.275	164	66273	53.180	ug/l	96
65) Chlorobenzene	10.080	112	150544	54.190	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	57124	55.340	ug/l	99
67) Ethyl Benzene	10.195	91	271359	53.751	ug/l	99
68) m/p-Xylenes	10.299	106	206420	109.259	ug/l	98
69) o-Xylene	10.640	106	100149	54.936	ug/l	97
70) Styrene	10.659	104	166338	55.917	ug/l	99
71) Bromoform	10.799	173	41350	52.231	ug/l #	99
73) Isopropylbenzene	10.964	105	267543	53.417	ug/l	99
74) N-amyl acetate	10.842	43	98424	50.901	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	68501	50.954	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	69430m	51.606	ug/l	
77) Bromobenzene	11.201	156	62323	54.315	ug/l	95
78) n-propylbenzene	11.305	91	305321	53.456	ug/l	99
79) 2-Chlorotoluene	11.366	91	179677	51.877	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	219587	53.179	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22567	52.622	ug/l	91
82) 4-Chlorotoluene	11.457	91	205363	51.591	ug/l	97
83) tert-Butylbenzene	11.713	119	206060	53.456	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	220696	53.437	ug/l	99
85) sec-Butylbenzene	11.890	105	275620	55.278	ug/l	99
86) p-Isopropyltoluene	12.012	119	231089	55.243	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	115347	53.631	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	114923	52.791	ug/l	98
89) n-Butylbenzene	12.335	91	199533	55.584	ug/l	100
90) Hexachloroethane	12.536	117	37782	53.943	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	109813	54.029	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15954	49.101	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	72168	55.383	ug/l	99
94) Hexachlorobutadiene	13.725	225	31430	57.137	ug/l	99
95) Naphthalene	13.774	128	232679	53.533	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	70570	55.068	ug/l	99

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MSVOA_X
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VSTDCCC050

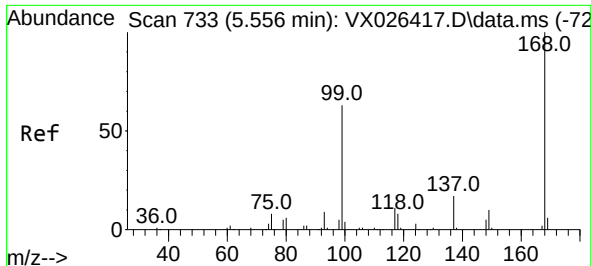
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2022
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

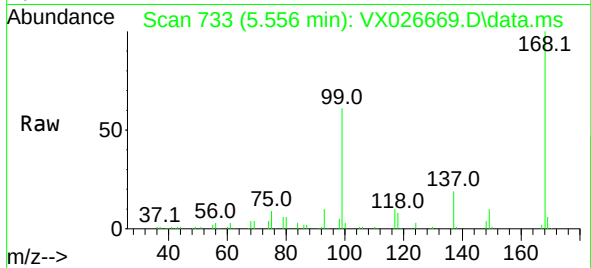
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX026669.D
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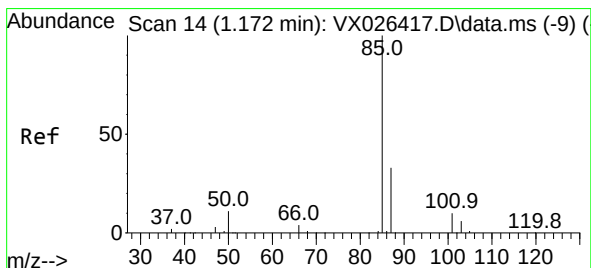
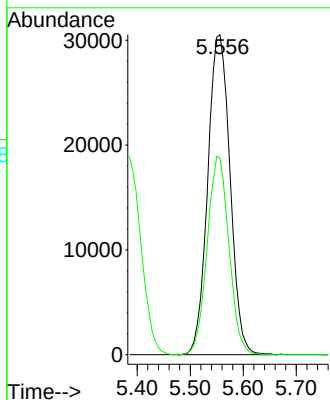
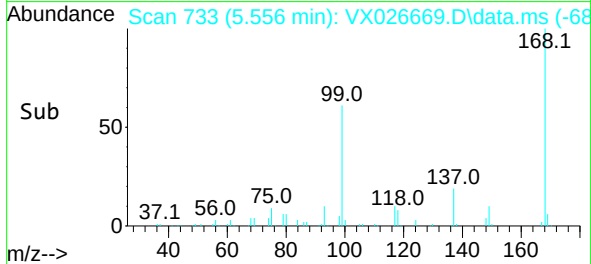
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



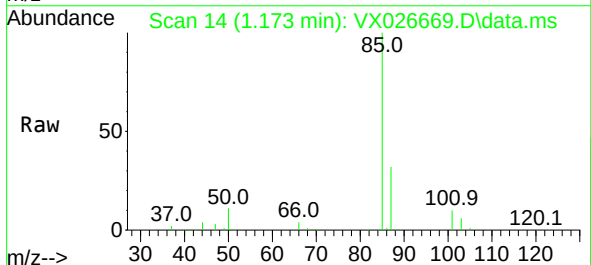
Tgt Ion:168 Resp: 89168
Ion Ratio Lower Upper
168 100
99 61.5 50.3 75.5

Manual Integrations
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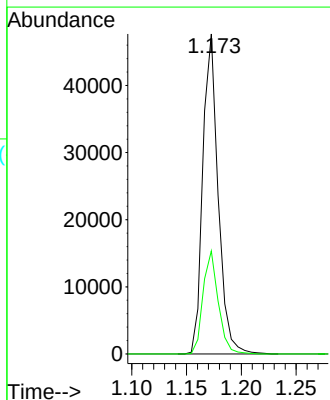
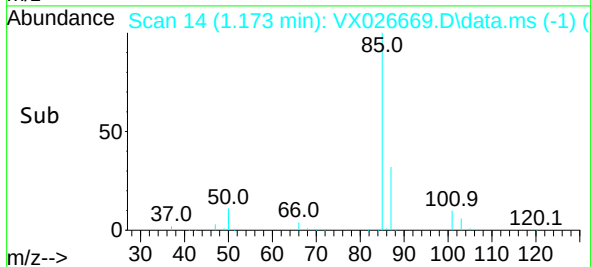
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022

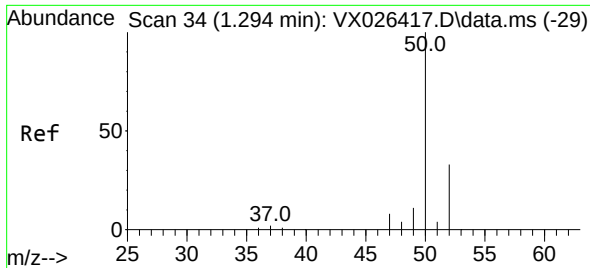


#2
Dichlorodifluoromethane
Concen: 43.906 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32



Tgt Ion: 85 Resp: 46230
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.1





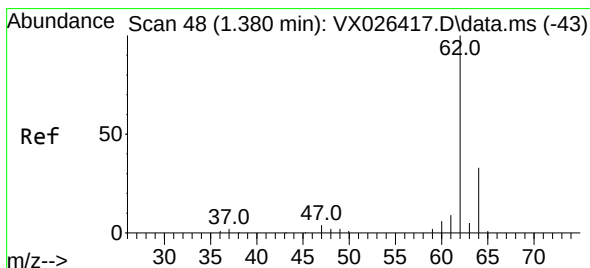
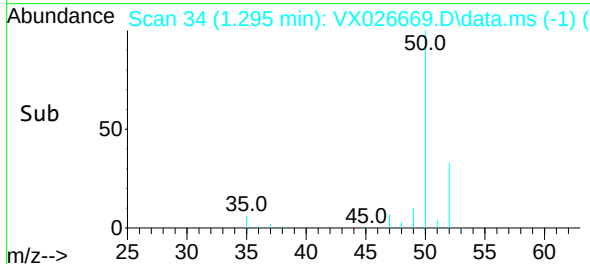
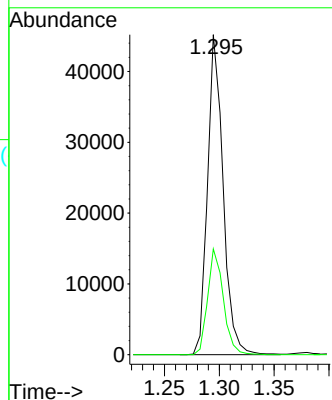
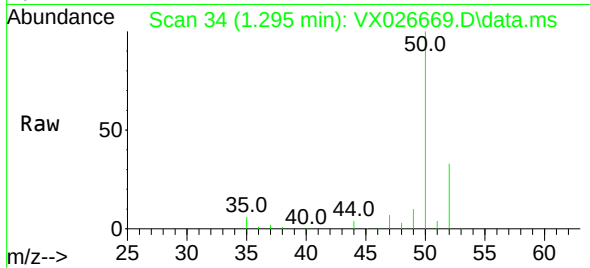
#3
Chloromethane
Concen: 46.206 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

Instrument :
MSVOA_X
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VSTDCCC050

Tgt Ion: 50 Resp: 44600
Ion Ratio Lower Upper
50 100
52 33.0 26.1 39.1

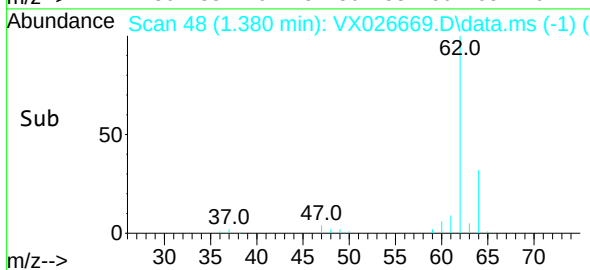
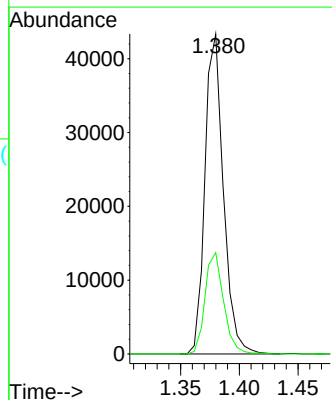
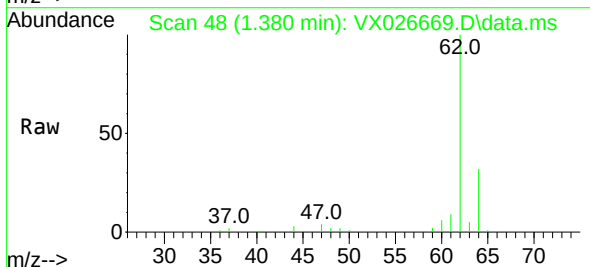
Manual Integrations
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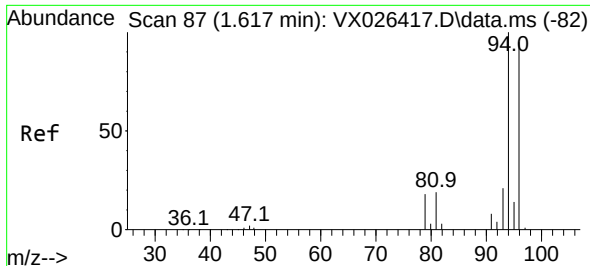
Reviewed By :John Carlone 02/01/2022
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#4
Vinyl Chloride
Concen: 46.751 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

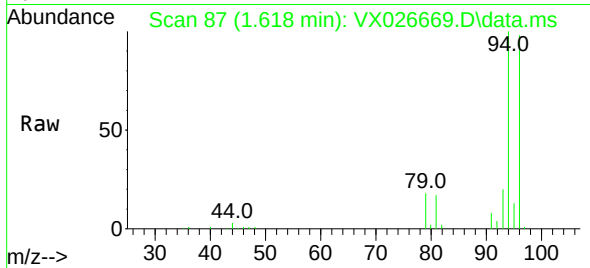
Tgt Ion: 62 Resp: 47379
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2





#5
Bromomethane
Concen: 51.828 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

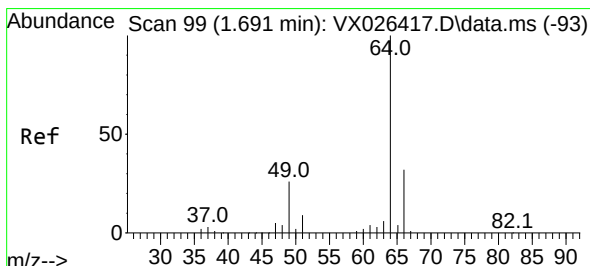
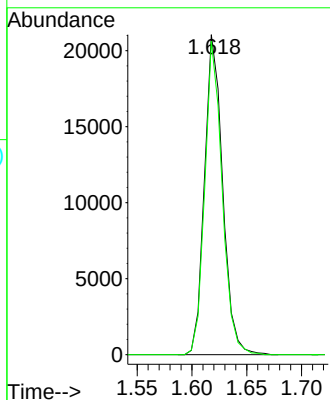
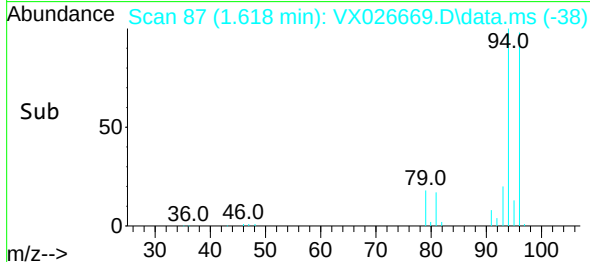
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 24229
Ion Ratio Lower Upper
94 100
96 98.0 75.9 113.9

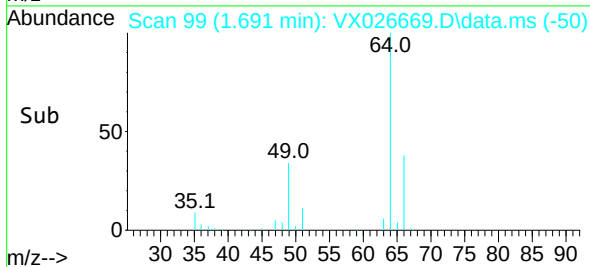
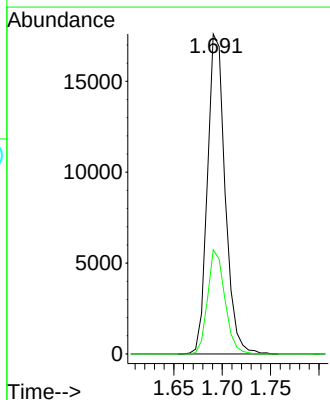
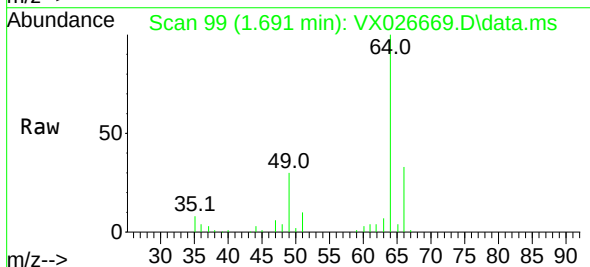
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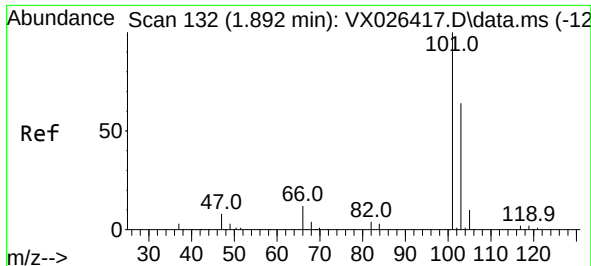
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022



#6
Chloroethane
Concen: 43.728 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

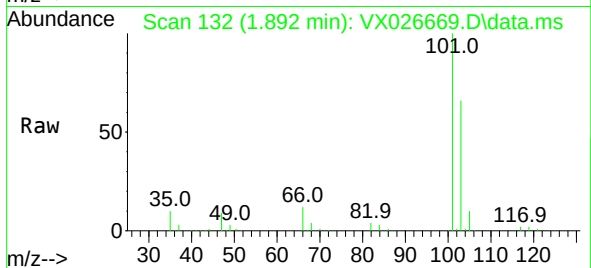
Tgt Ion: 64 Resp: 22409
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.2





#7
Trichlorofluoromethane
Concen: 46.919 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

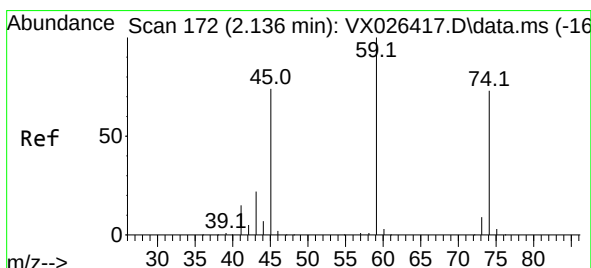
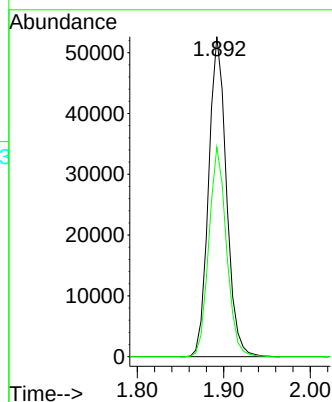
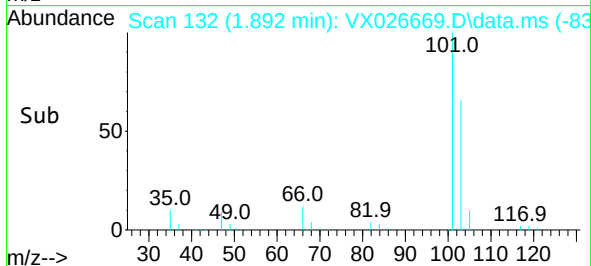
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 7507
Ion Ratio Lower Upper
101 100
103 65.6 51.3 76.9

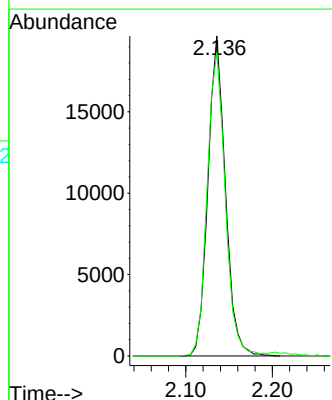
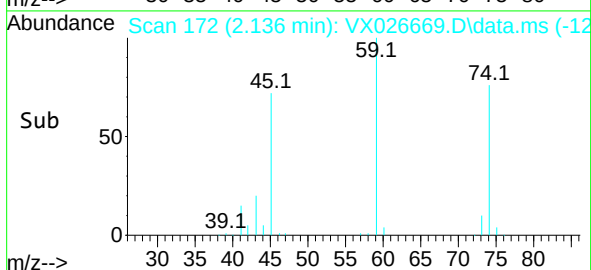
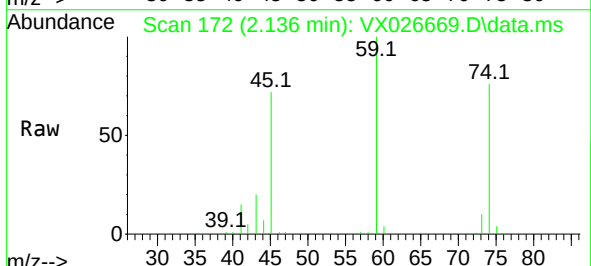
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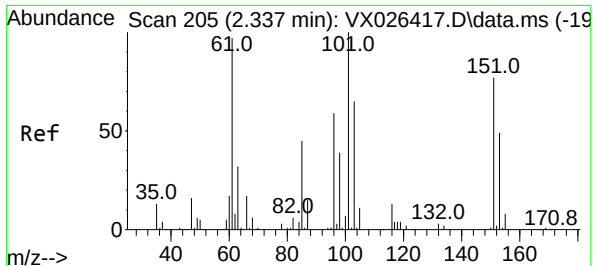
Reviewed By :John Carlone 02/01/2022
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#8
Diethyl Ether
Concen: 48.681 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 27562
Ion Ratio Lower Upper
74 100
45 98.4 50.7 152.1





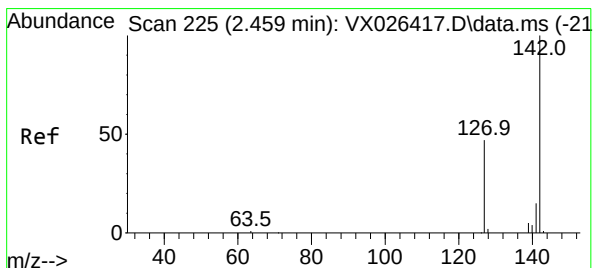
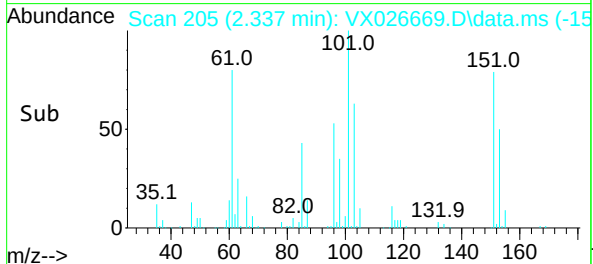
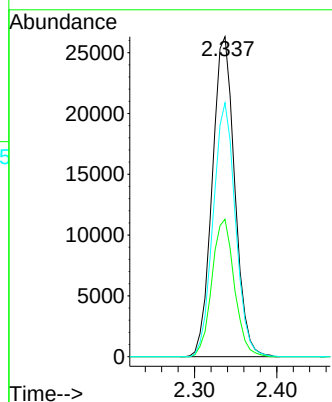
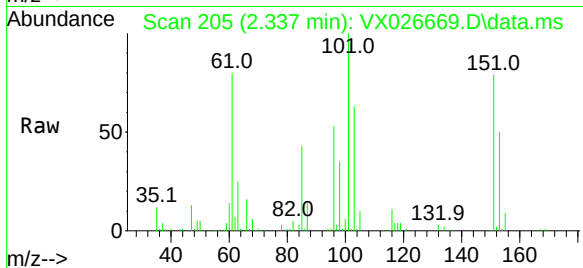
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.394 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX026669.D
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VSTDCCC050

Tgt Ion:101 Resp: 50112
Ion Ratio Lower Upper
101 100
85 42.8 35.3 52.9
151 78.6 61.4 92.2

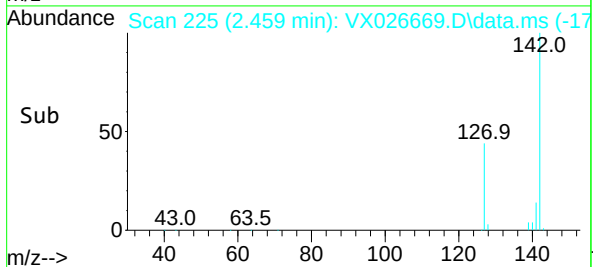
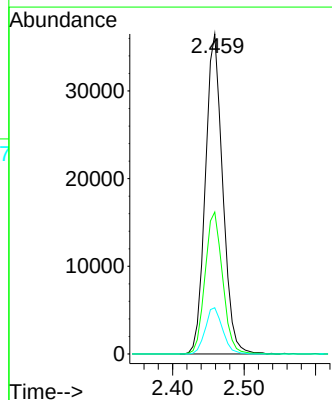
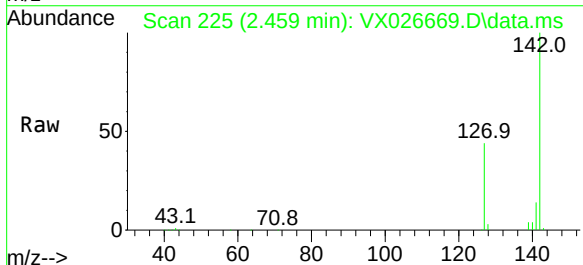
Manual Integrations
APPROVED

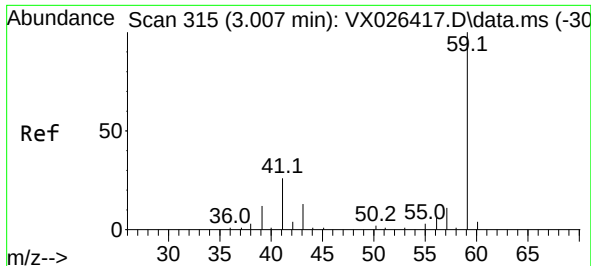
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022



#10
Methyl Iodide
Concen: 57.771 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

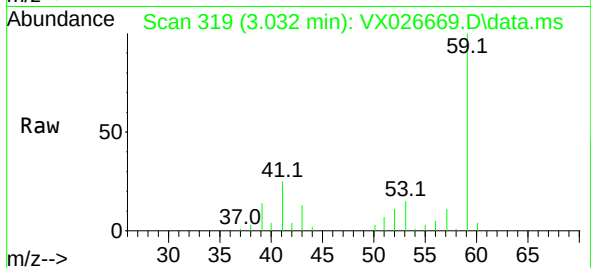
Tgt Ion:142 Resp: 61436
Ion Ratio Lower Upper
142 100
127 45.1 38.1 57.1
141 14.5 11.2 16.8





#11
Tert butyl alcohol
Concen: 233.682 ug/l
RT: 3.032 min Scan# 315
Delta R.T. 0.025 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

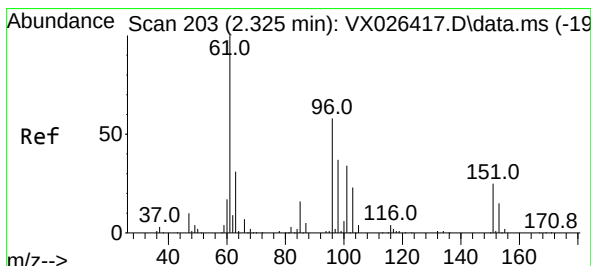
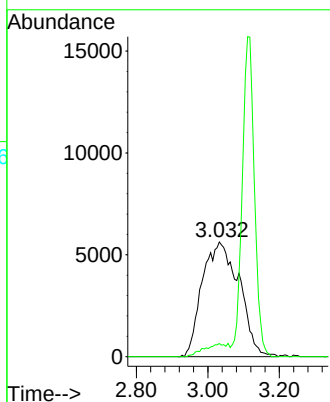
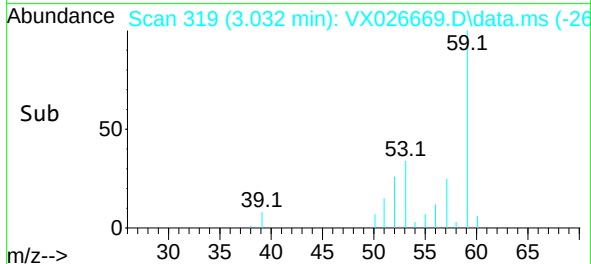
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



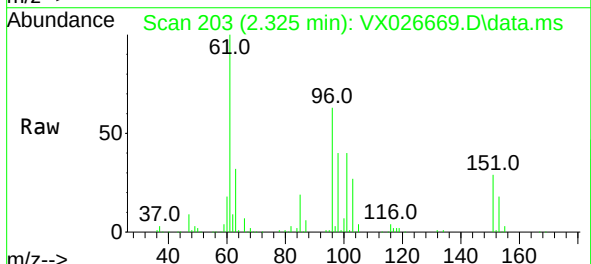
Tgt Ion: 59 Resp: 40492
Ion Ratio Lower Upper
59 100
57 6.4 7.2 10.8

Manual Integrations
APPROVED

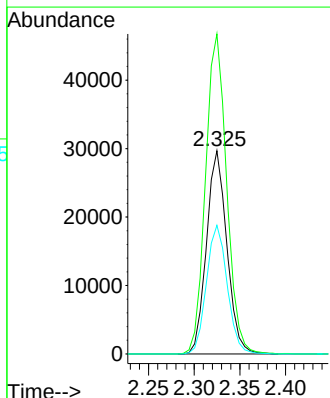
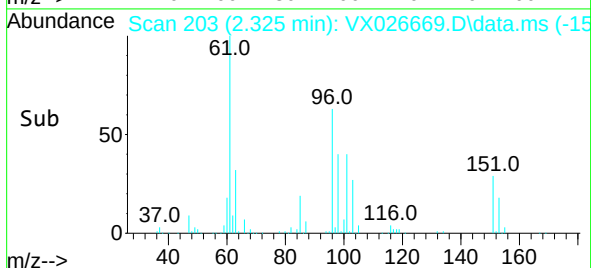
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022

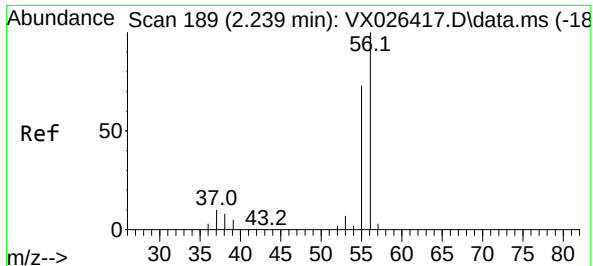


#12
1,1-Dichloroethene
Concen: 49.390 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32



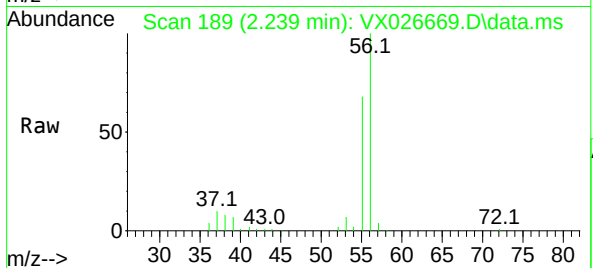
Tgt Ion: 96 Resp: 45994
Ion Ratio Lower Upper
96 100
61 157.5 138.5 207.7
98 63.3 51.8 77.6





#13
Acrolein
Concen: 265.025 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

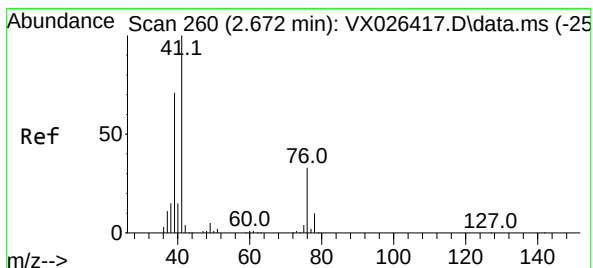
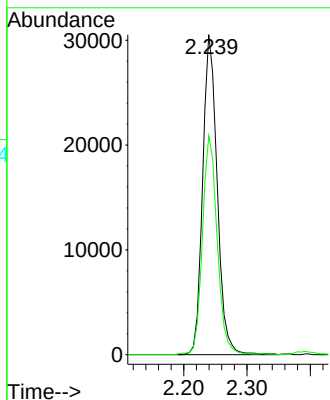
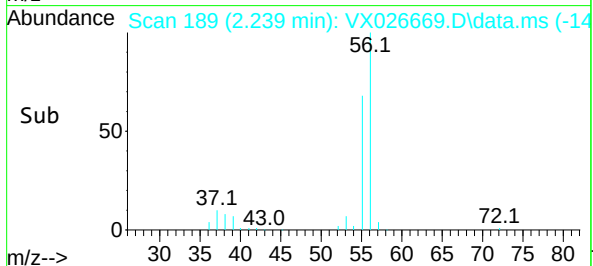
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



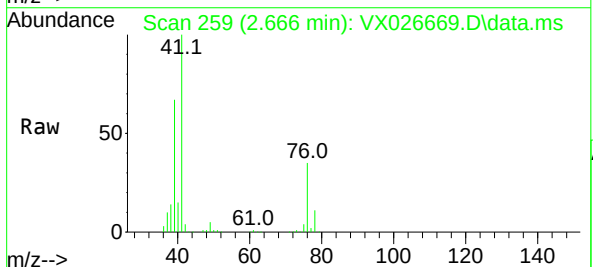
Tgt Ion: 56 Resp: 48798
Ion Ratio Lower Upper
56 100
55 69.7 56.9 85.3

Manual Integrations
APPROVED

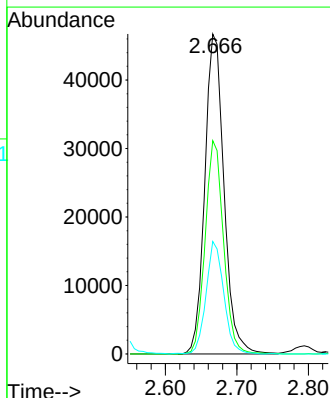
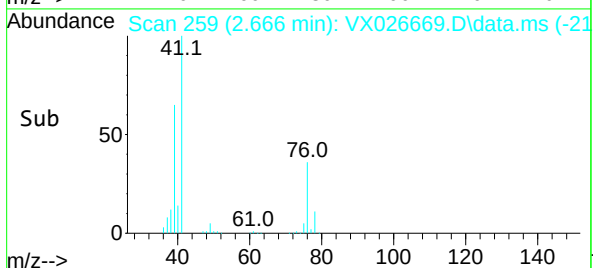
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022

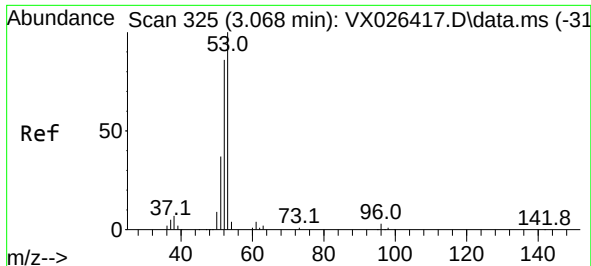


#14
Allyl chloride
Concen: 50.936 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.006 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32



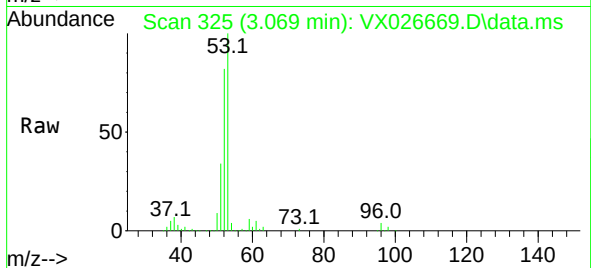
Tgt Ion: 41 Resp: 87231
Ion Ratio Lower Upper
41 100
39 63.7 54.2 81.4
76 32.5 25.2 37.8





#15
Acrylonitrile
Concen: 264.979 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

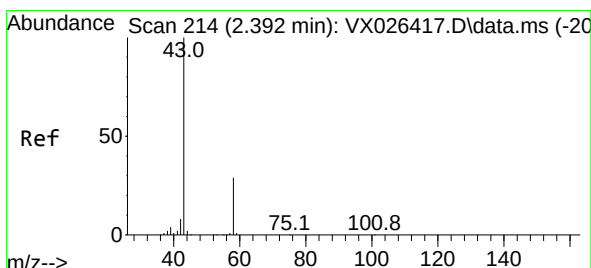
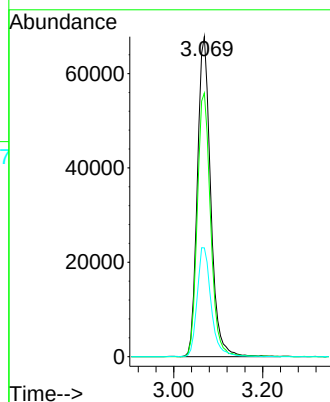
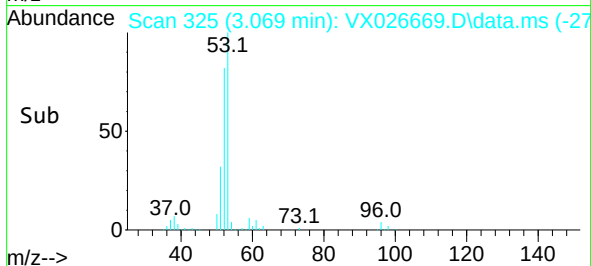
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



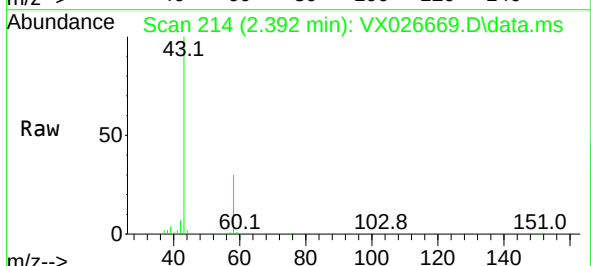
Tgt Ion: 53 Resp: 141340
Ion Ratio Lower Upper
53 100
52 82.2 66.6 100.0
51 35.7 29.5 44.3

Manual Integrations
APPROVED

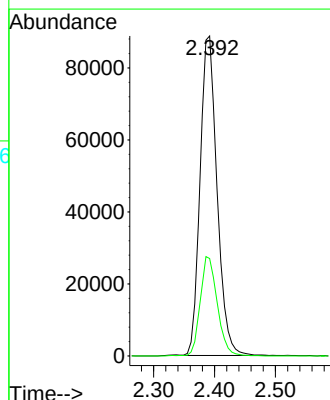
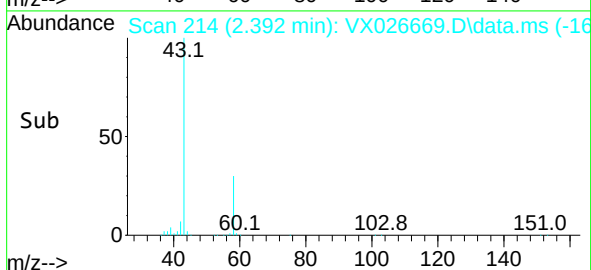
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022

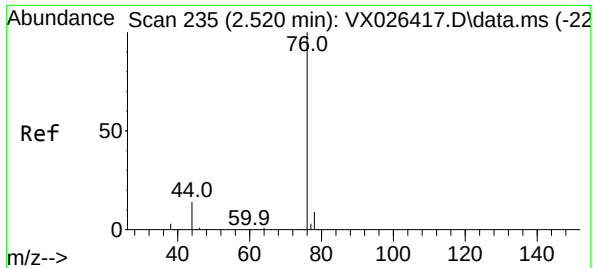


#16
Acetone
Concen: 270.782 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32



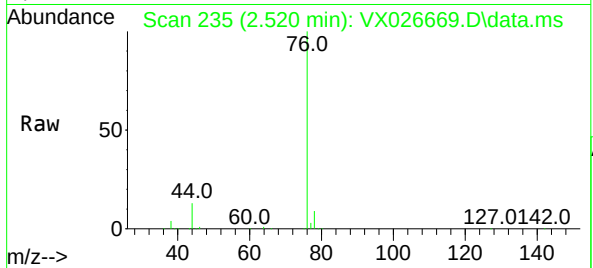
Tgt Ion: 43 Resp: 172004
Ion Ratio Lower Upper
43 100
58 30.5 23.0 34.6





#17
Carbon Disulfide
Concen: 43.346 ug/l
RT: 2.520 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

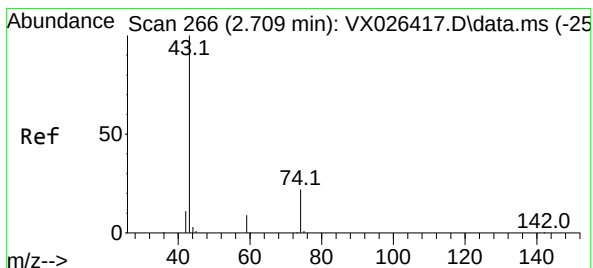
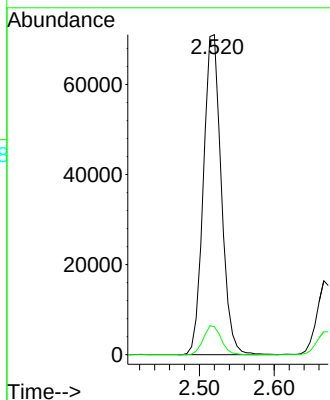
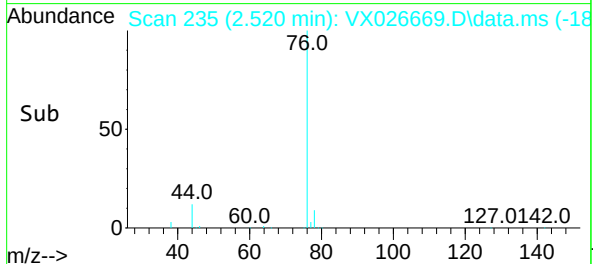
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



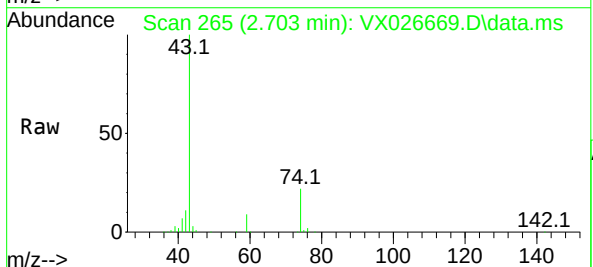
Tgt Ion: 76 Resp: 117852
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

Manual Integrations
APPROVED

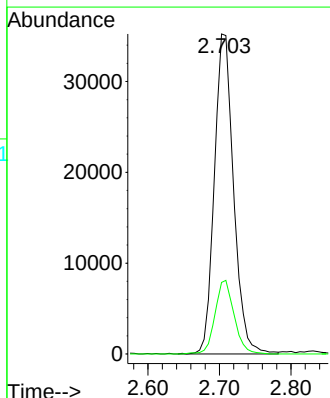
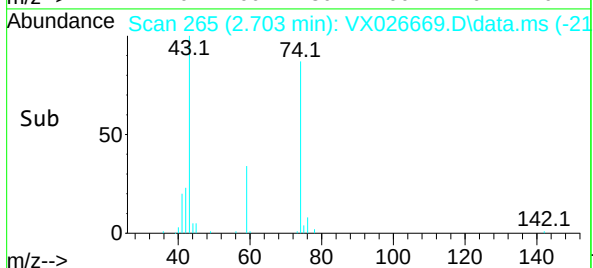
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022

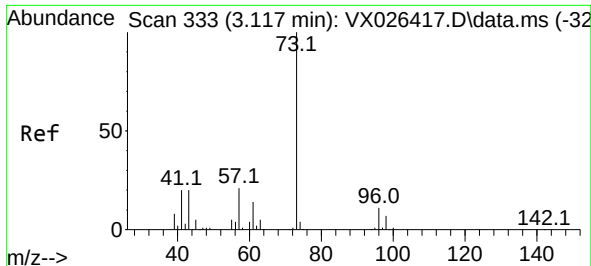


#18
Methyl Acetate
Concen: 52.265 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32



Tgt Ion: 43 Resp: 66002
Ion Ratio Lower Upper
43 100
74 22.8 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 49.882 ug/l

RT: 3.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 168550

Ion Ratio Lower Upper

73 100

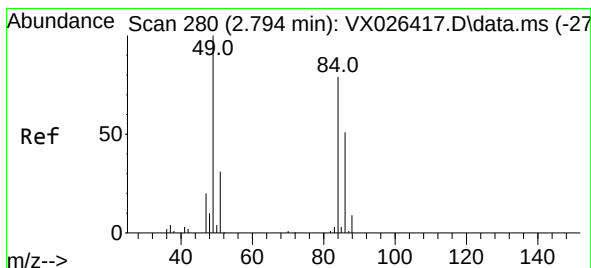
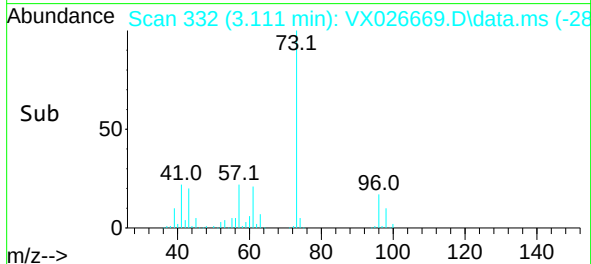
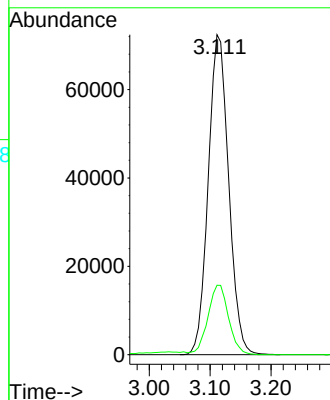
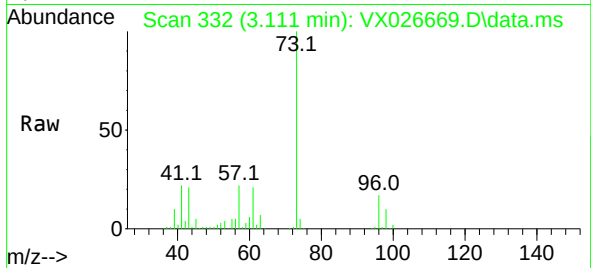
57 21.7 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/04/2022



#20

Methylene Chloride

Concen: 50.721 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

Tgt Ion: 84 Resp: 53232

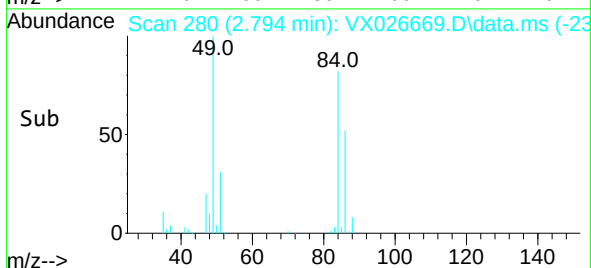
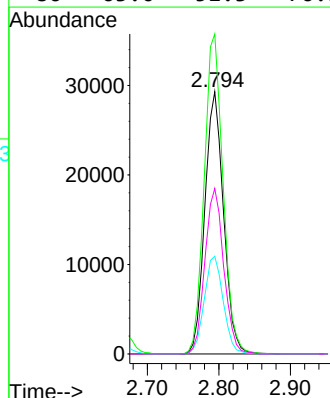
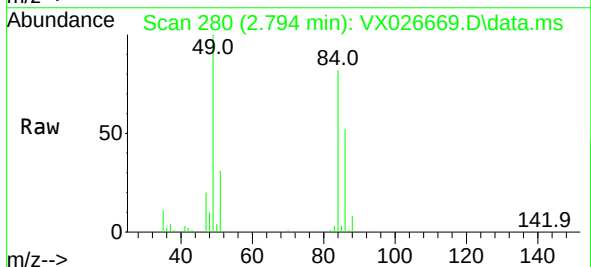
Ion Ratio Lower Upper

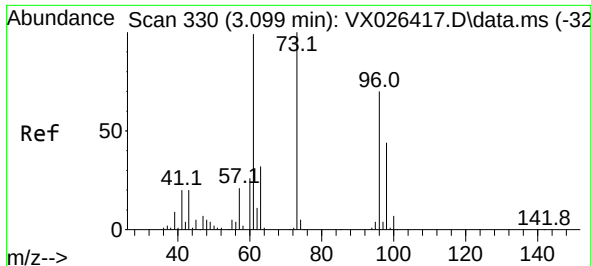
84 100

49 122.0 101.5 152.3

51 37.3 31.2 46.8

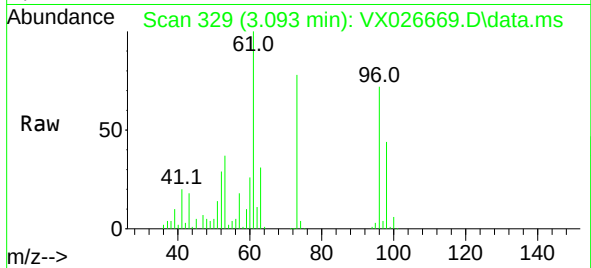
86 63.0 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 50.252 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

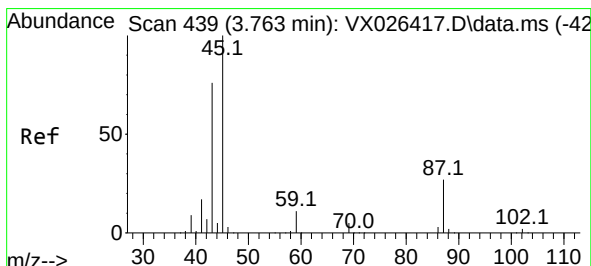
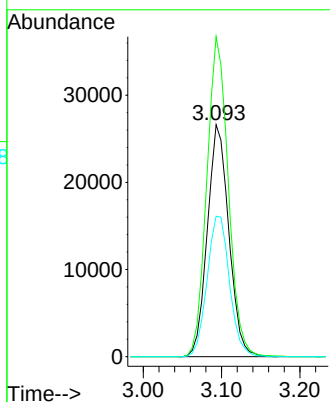
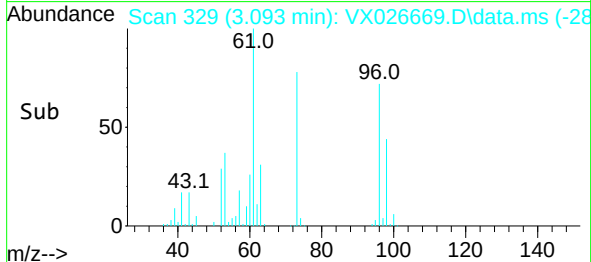
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



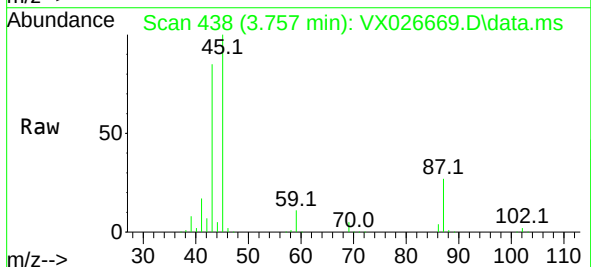
Tgt Ion: 96 Resp: 5066
Ion Ratio Lower Upper
96 100
61 138.0 112.9 169.3
98 60.6 49.5 74.3

Manual Integrations
APPROVED

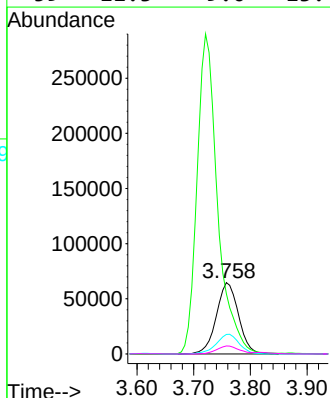
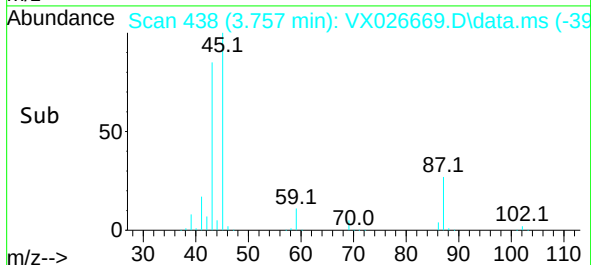
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022

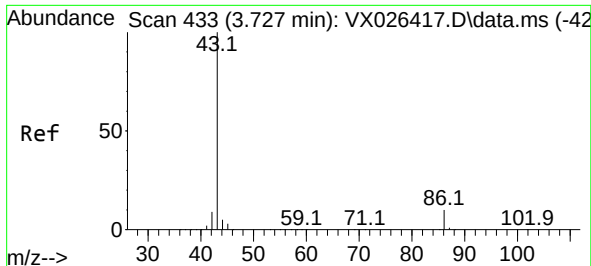


#22
Diisopropyl ether
Concen: 50.330 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32



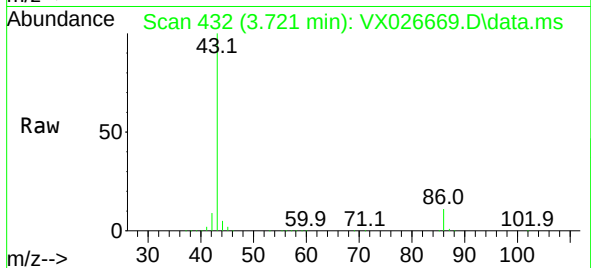
Tgt Ion: 45 Resp: 175082
Ion Ratio Lower Upper
45 100
43 83.9 60.6 91.0
87 27.5 22.0 33.0
59 11.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 255.337 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX026669.D
 Acq: 31 Jan 2022 10:32

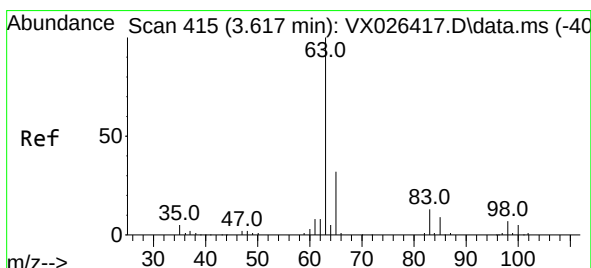
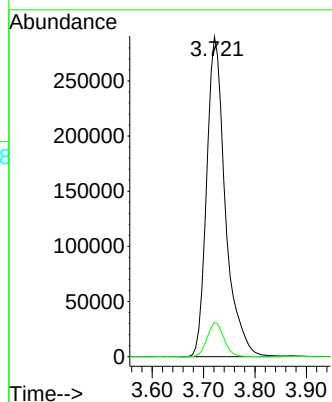
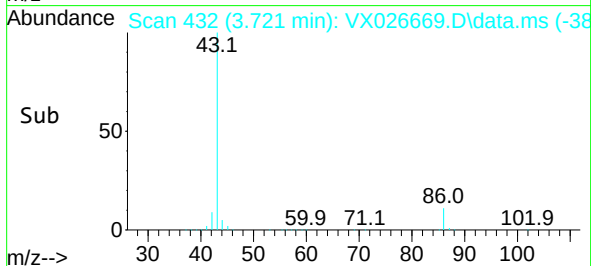
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 731154
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.1 12.1

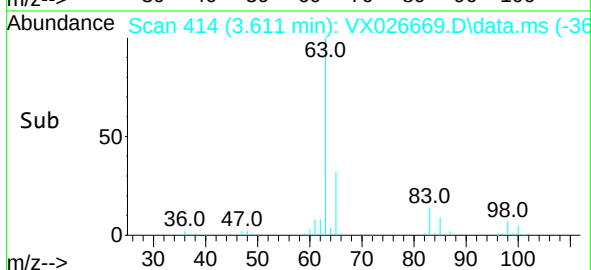
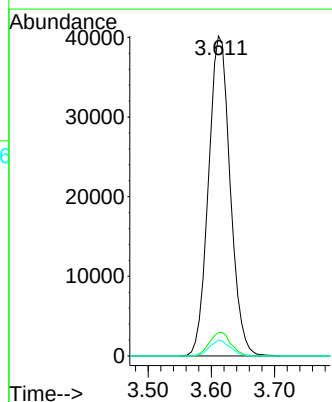
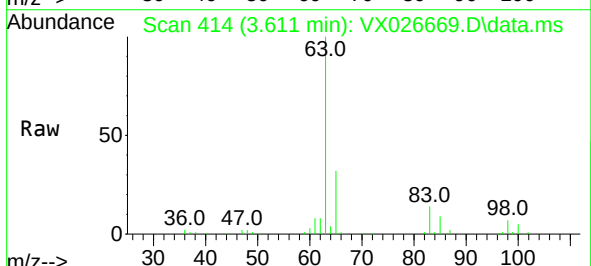
Manual Integrations
 APPROVED

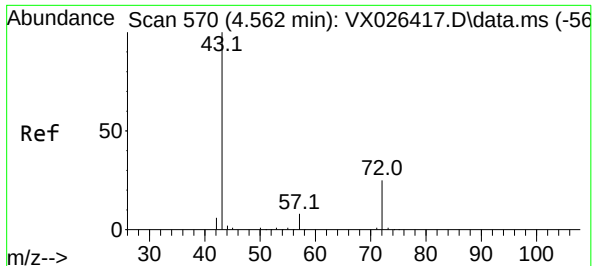
Reviewed By :John Carlone 02/01/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#24
 1,1-Dichloroethane
 Concen: 51.068 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.006 min
 Lab File: VX026669.D
 Acq: 31 Jan 2022 10:32

Tgt Ion: 63 Resp: 95941
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.7 11.1
 100 5.0 2.4 7.2





#25

2-Butanone

Concen: 268.660 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 22193

Ion Ratio Lower Upper

43 100

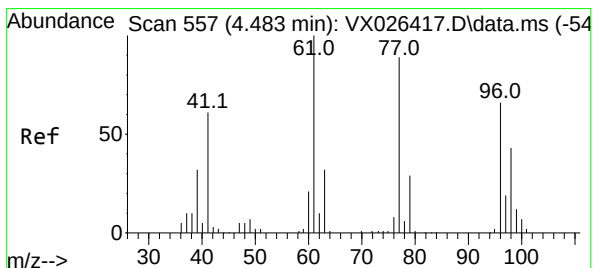
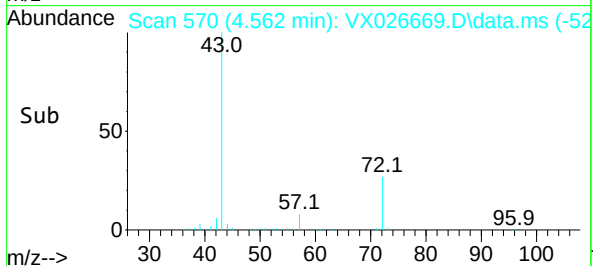
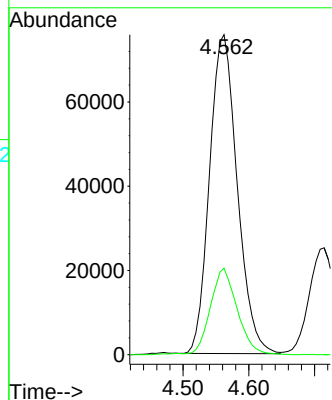
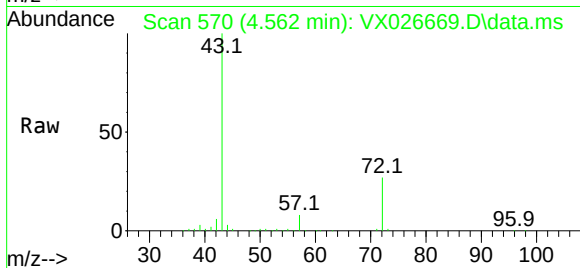
72 26.9 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/04/2022



#26

2,2-Dichloropropane

Concen: 54.152 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX026669.D

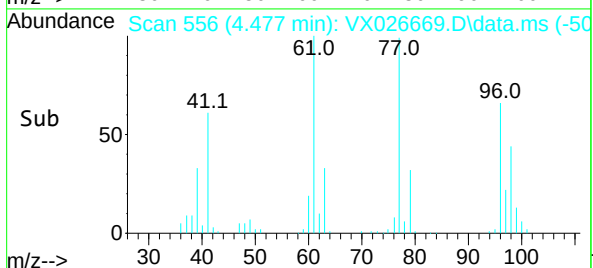
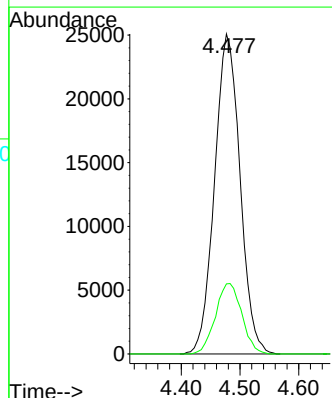
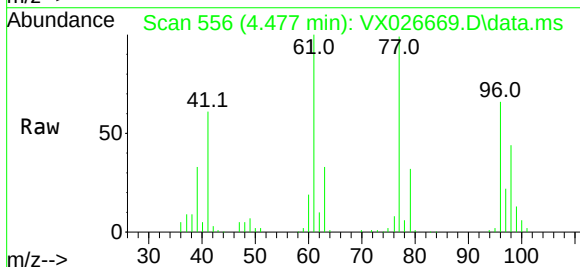
Acq: 31 Jan 2022 10:32

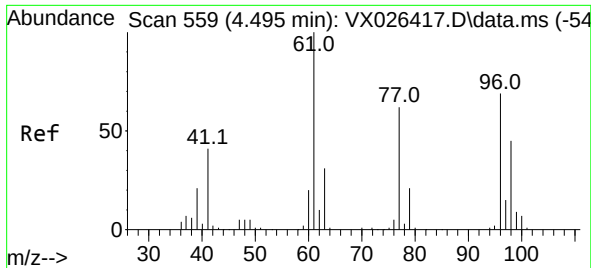
Tgt Ion: 77 Resp: 75410

Ion Ratio Lower Upper

77 100

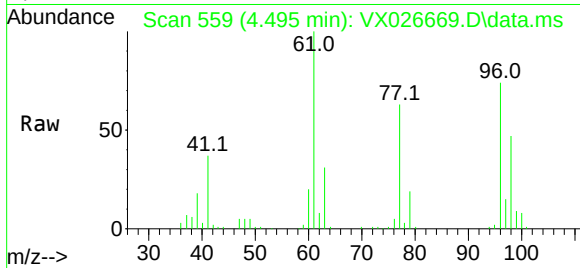
97 22.8 11.0 33.0





#27
 cis-1,2-Dichloroethene
 Concen: 52.274 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX026669.D
 Acq: 31 Jan 2022 10:32

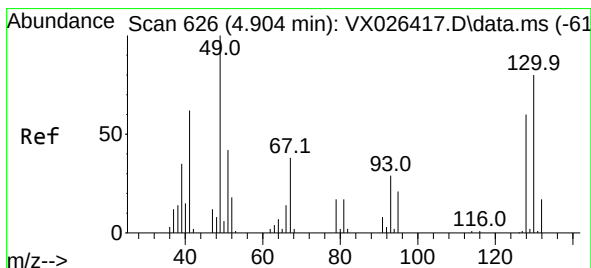
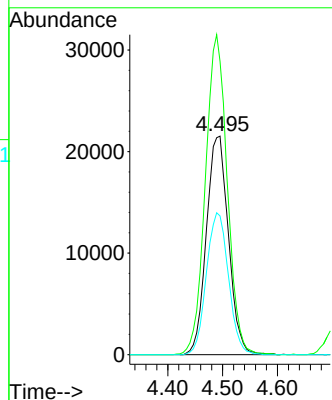
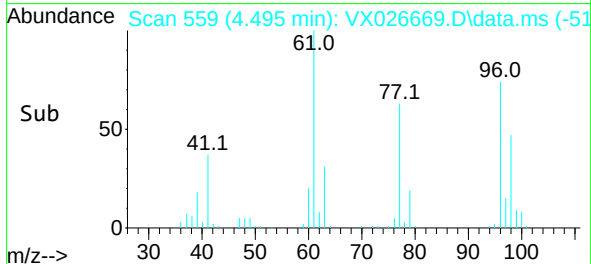
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



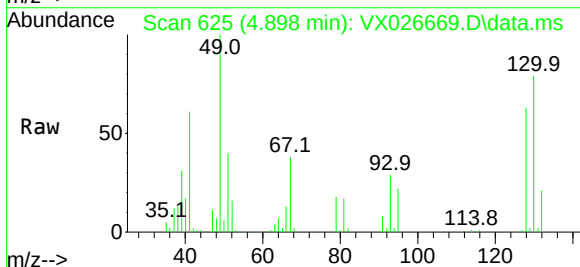
Tgt Ion: 96 Resp: 60149
 Ion Ratio Lower Upper
 96 100
 61 144.9 0.0 296.6
 98 64.9 0.0 128.8

Manual Integrations
 APPROVED

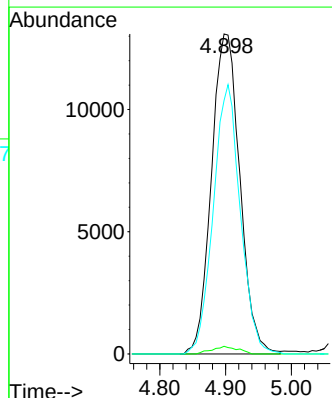
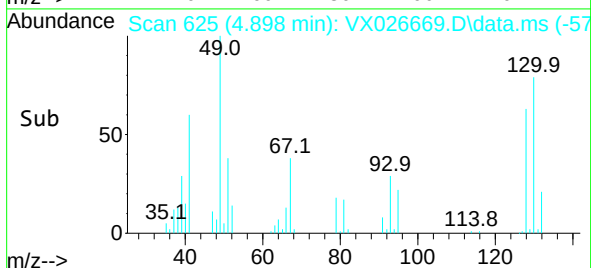
Reviewed By :John Carlone 02/01/2022
 Supervised By :Mahesh Dadoda 02/04/2022

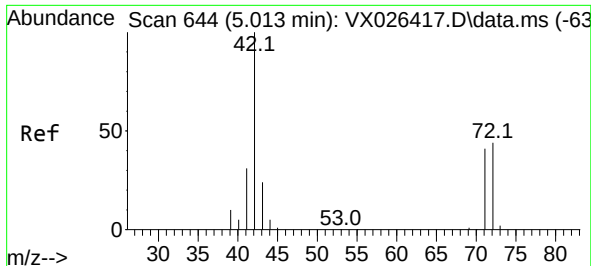


#28
 Bromochloromethane
 Concen: 51.055 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX026669.D
 Acq: 31 Jan 2022 10:32



Tgt Ion: 49 Resp: 39385
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 79.9 62.4 93.6





#29

Tetrahydrofuran

Concen: 250.407 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

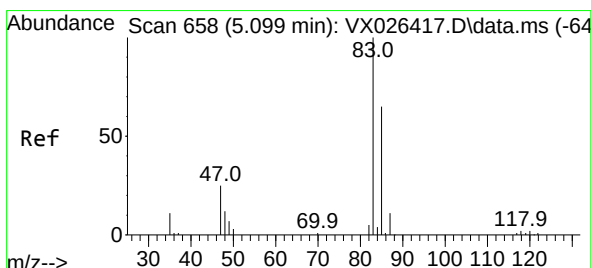
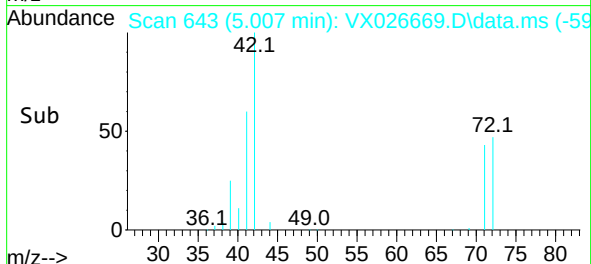
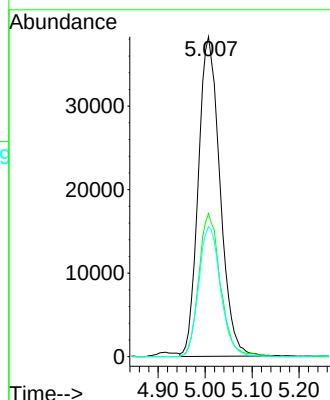
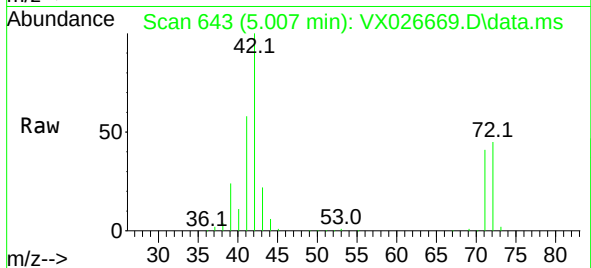
Tgt Ion: 42 Resp: 12285
 Ion Ratio Lower Upper
 42 100
 72 44.7 34.6 52.0
 71 41.0 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/04/2022



#30

Chloroform

Concen: 50.904 ug/l

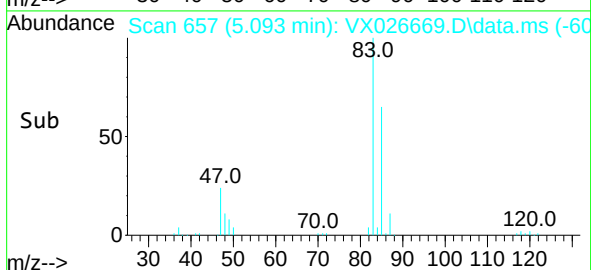
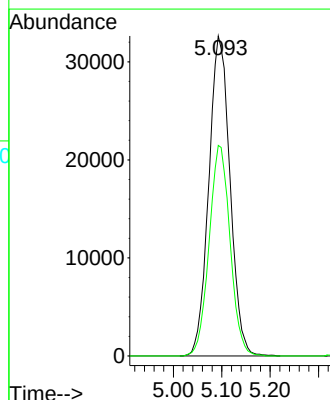
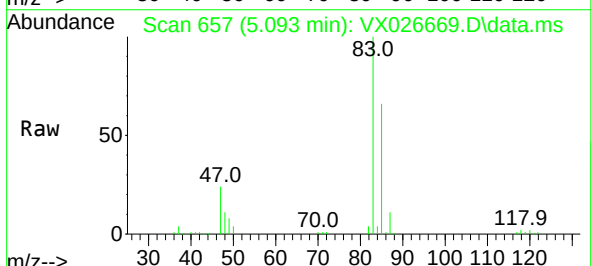
RT: 5.093 min Scan# 657

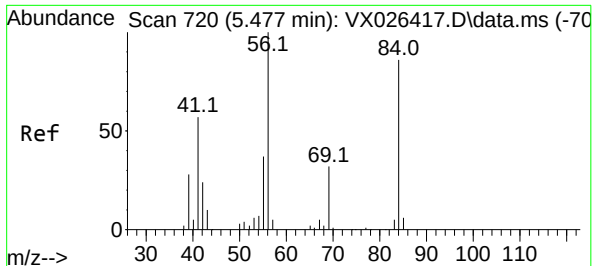
Delta R.T. -0.006 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

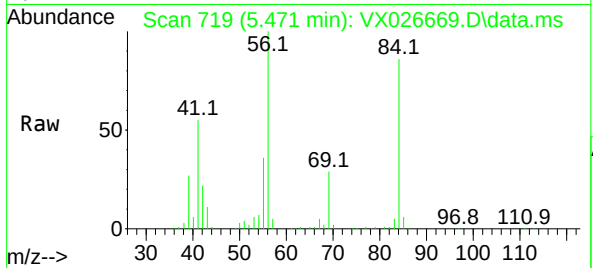
Tgt Ion: 83 Resp: 99365
 Ion Ratio Lower Upper
 83 100
 85 65.8 51.6 77.4





#31
Cyclohexane
Concen: 47.224 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

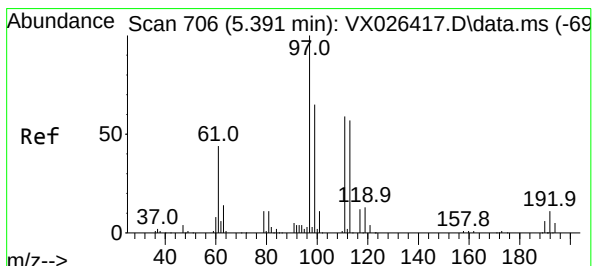
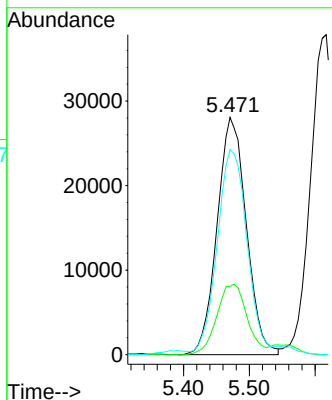
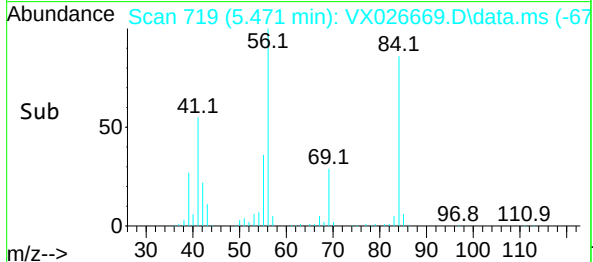
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



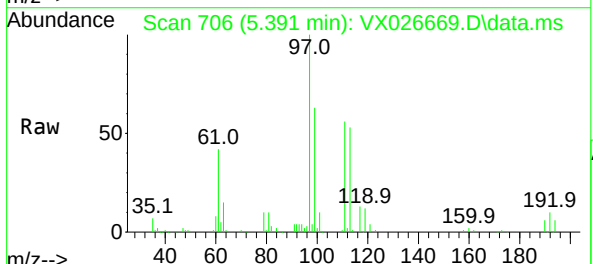
Tgt Ion: 56 Resp: 8676
Ion Ratio Lower Upper
56 100
69 28.8 25.8 38.6
84 84.7 68.9 103.3

Manual Integrations
APPROVED

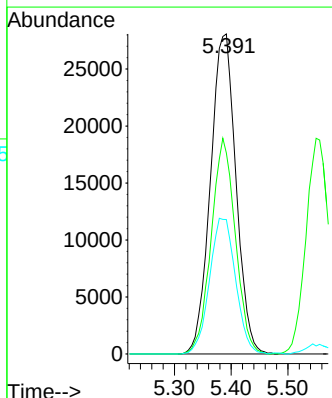
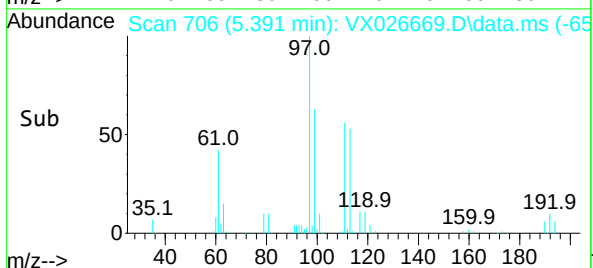
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022

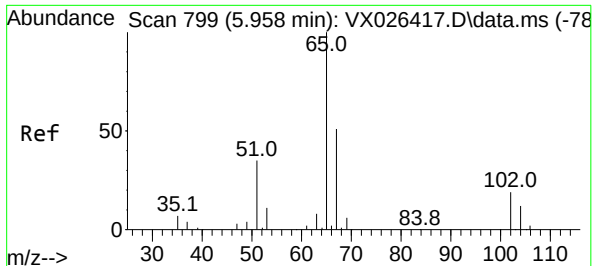


#32
1,1,1-Trichloroethane
Concen: 51.142 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32



Tgt Ion: 97 Resp: 87812
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 43.2 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 43.480 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 54159

Ion Ratio Lower Upper

65 100

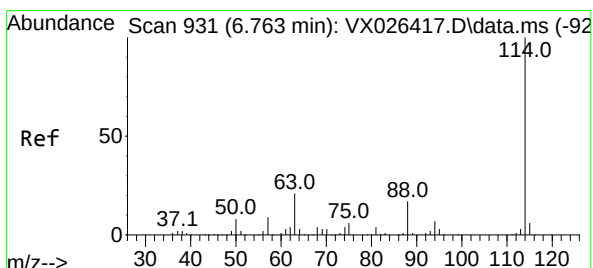
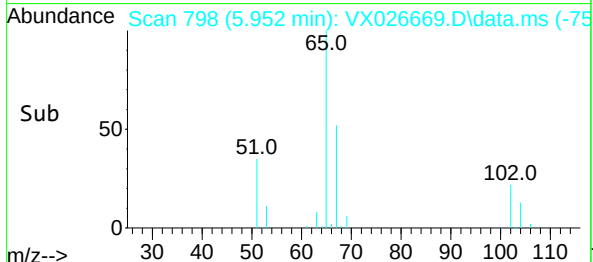
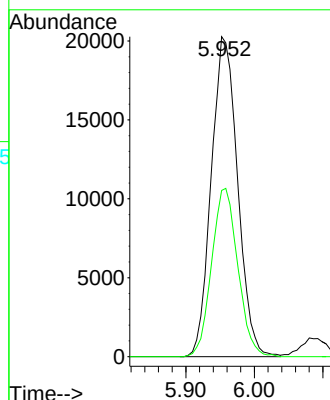
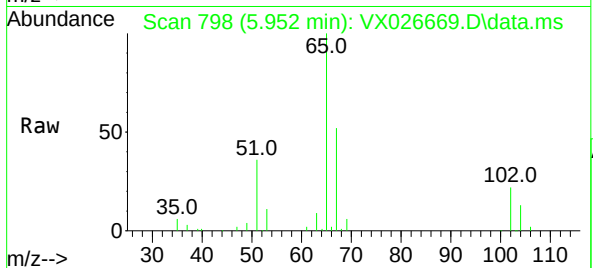
67 52.2 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/04/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

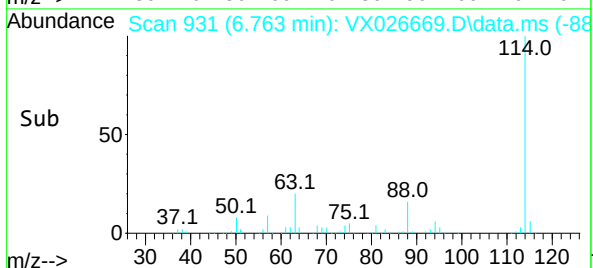
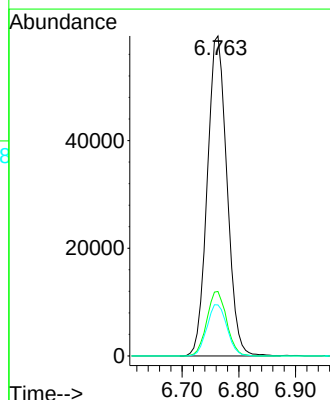
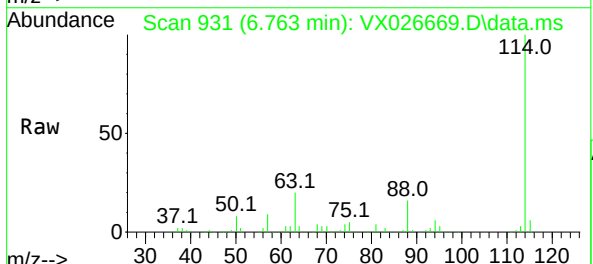
Tgt Ion:114 Resp: 143059

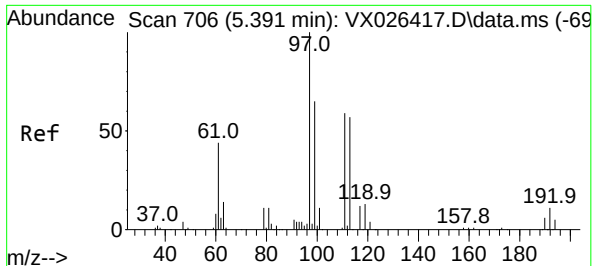
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

88 16.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.247 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX026669.D

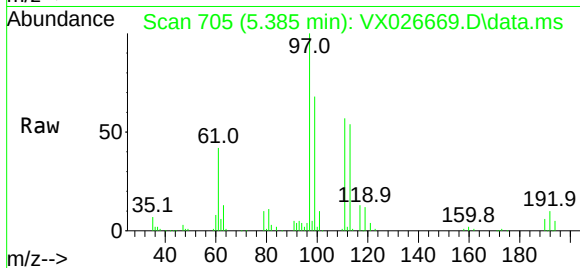
Acq: 31 Jan 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



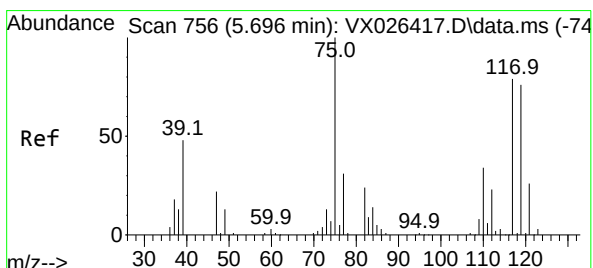
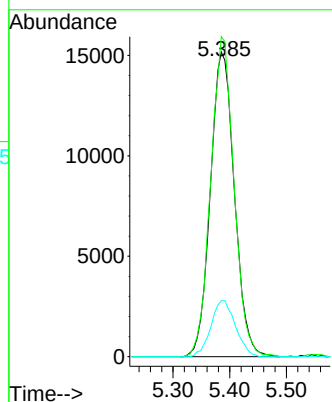
Tgt Ion:	113	Resp:	44572
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.2	121.8
192	18.8	15.0	22.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/04/2022



#36

1,1-Dichloropropene

Concen: 49.964 ug/l

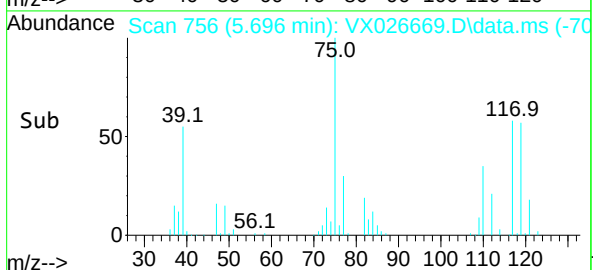
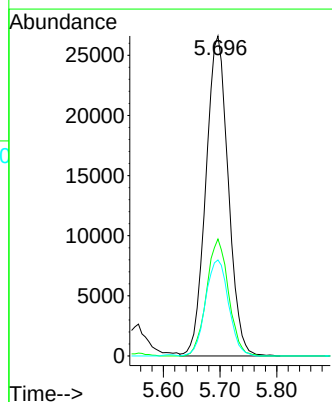
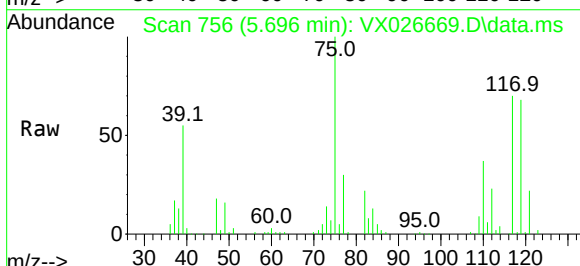
RT: 5.696 min Scan# 756

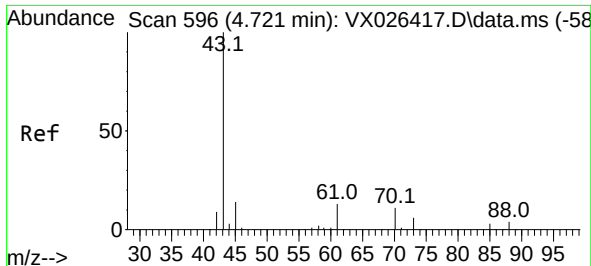
Delta R.T. 0.000 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

Tgt Ion:	75	Resp:	72867
Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.2	51.6
77	31.0	24.6	36.8





#37

Ethyl Acetate

Concen: 50.442 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 74410

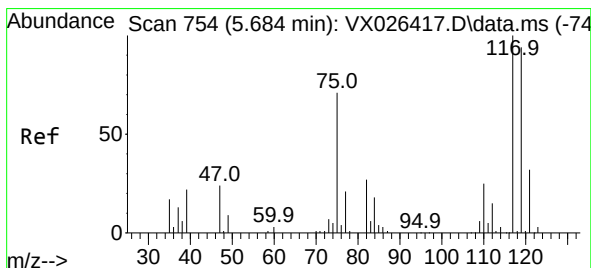
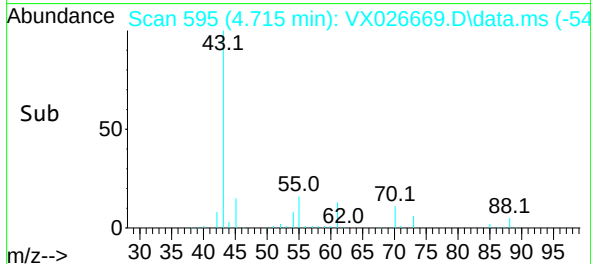
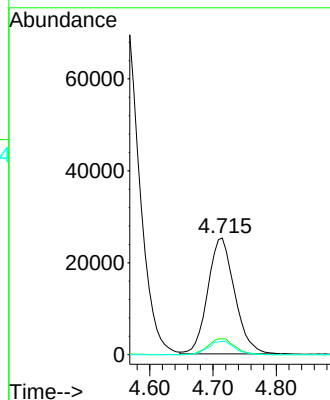
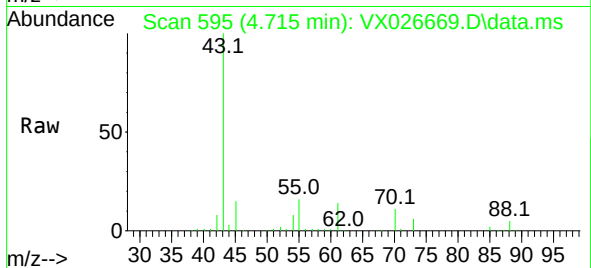
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.6	16.0
70	11.3	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/04/2022



#38

Carbon Tetrachloride

Concen: 52.762 ug/l

RT: 5.678 min Scan# 753

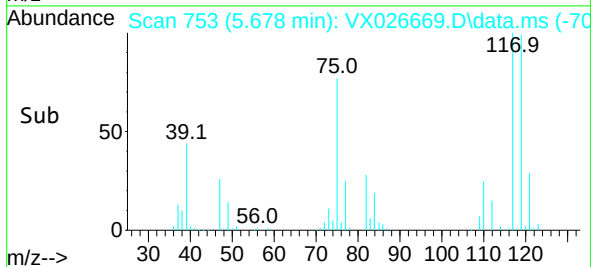
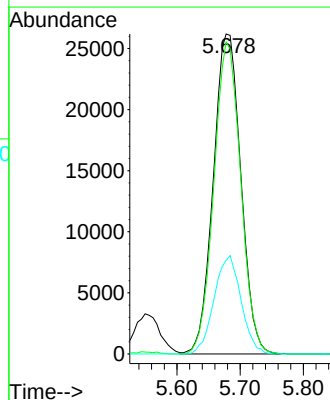
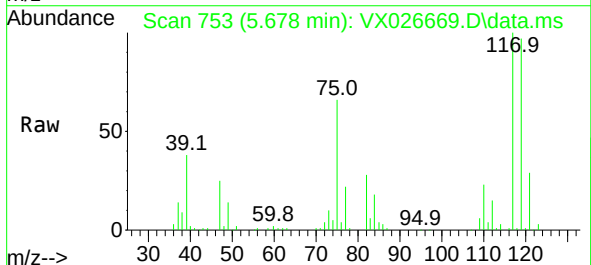
Delta R.T. -0.006 min

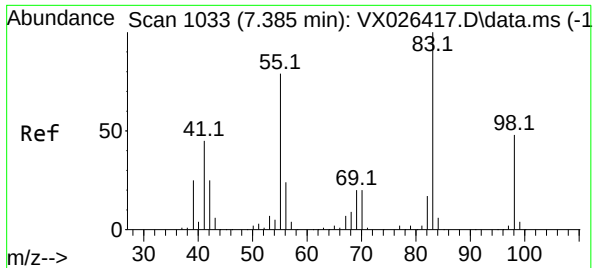
Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

Tgt Ion:117 Resp: 79151

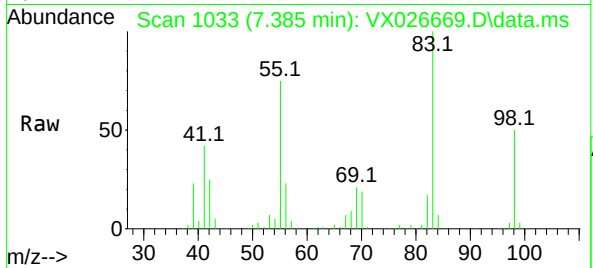
Ion	Ratio	Lower	Upper
117	100		
119	97.5	74.7	112.1
121	29.3	25.4	38.0





#39
Methylcyclohexane
Concen: 51.784 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

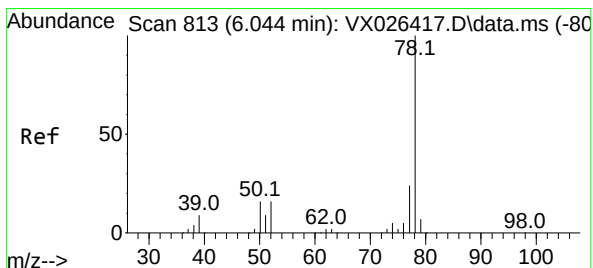
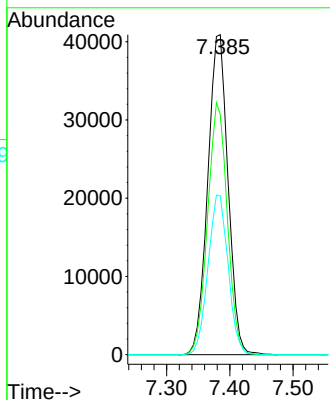
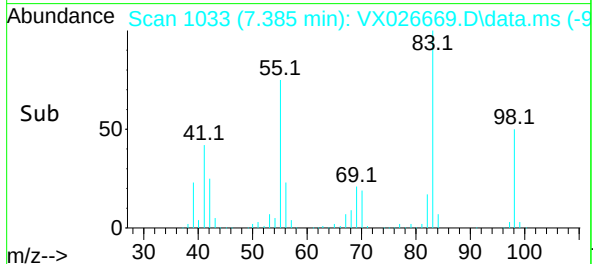
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



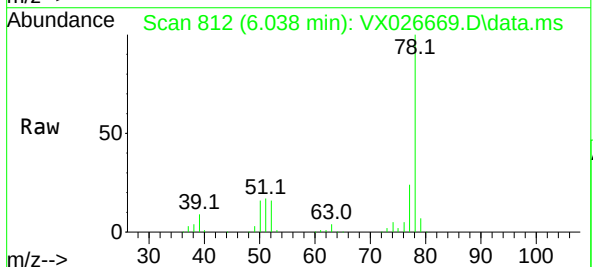
Tgt Ion: 83 Resp: 91095
Ion Ratio Lower Upper
83 100
55 75.1 63.6 95.4
98 49.7 38.4 57.6

Manual Integrations
APPROVED

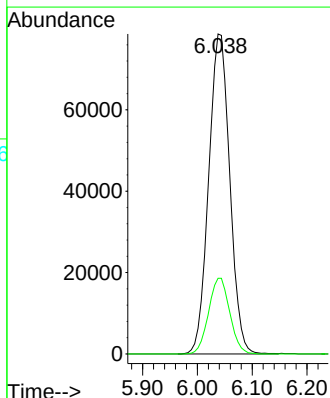
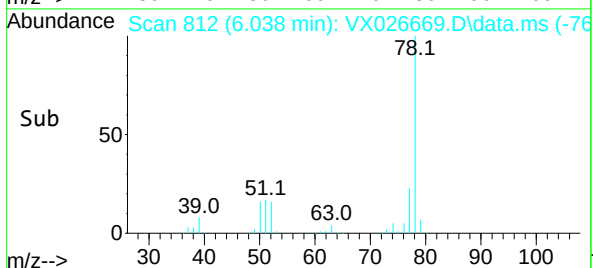
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022

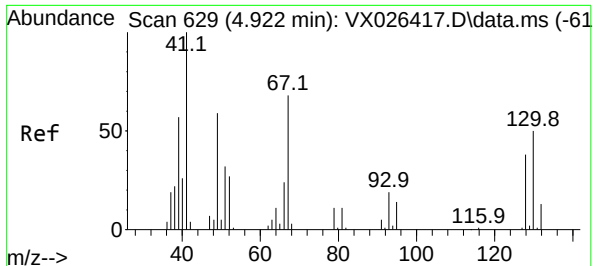


#40
Benzene
Concen: 52.097 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32



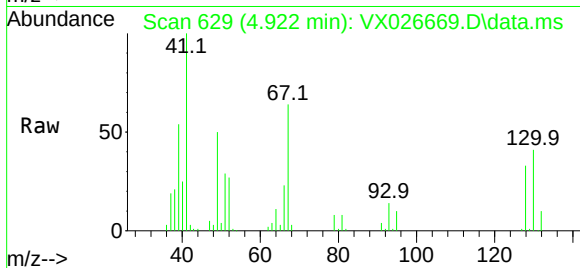
Tgt Ion: 78 Resp: 210005
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3





#41
Methacrylonitrile
Concen: 51.494 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

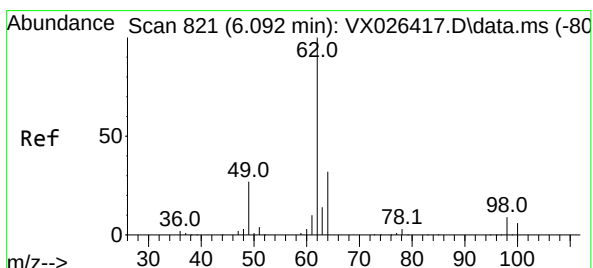
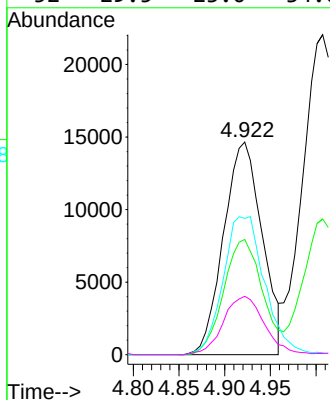
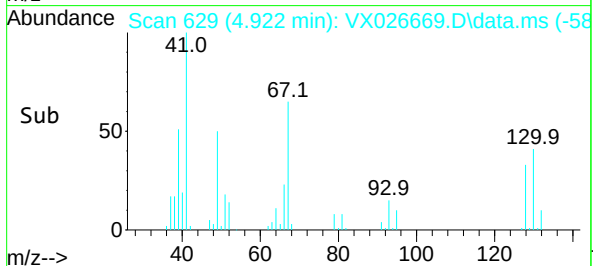
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 43034
Ion Ratio Lower Upper
41 100
39 55.2 45.4 68.0
67 70.4 53.2 79.8
52 29.5 23.0 34.6

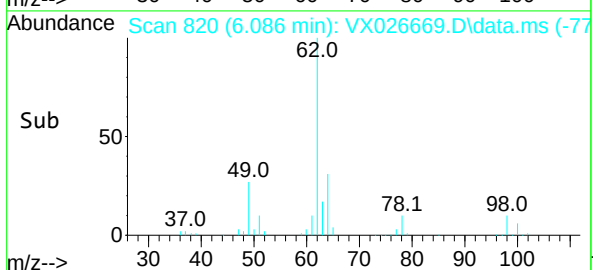
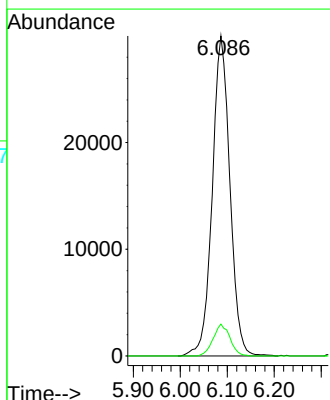
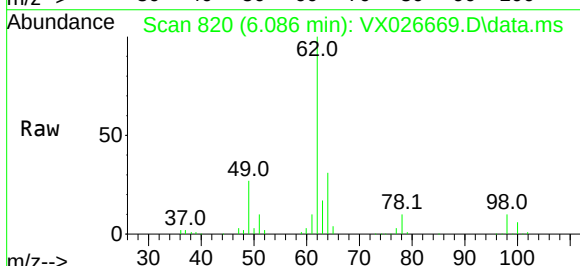
Manual Integrations
APPROVED

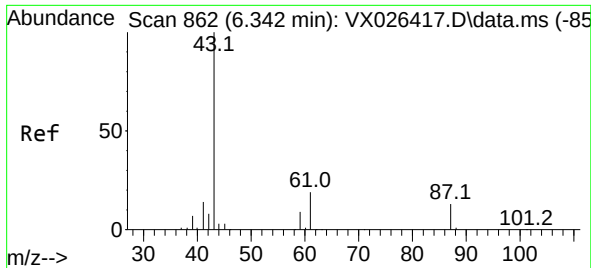
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022



#42
1,2-Dichloroethane
Concen: 49.555 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

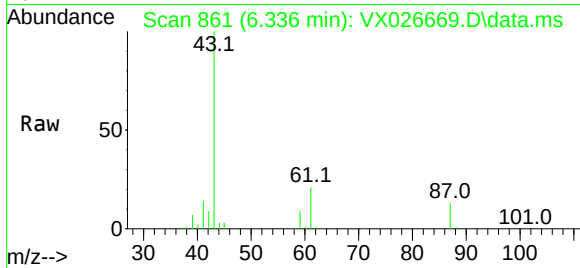
Tgt Ion: 62 Resp: 78156
Ion Ratio Lower Upper
62 100
98 9.5 0.0 17.8





#43
Isopropyl Acetate
Concen: 52.153 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

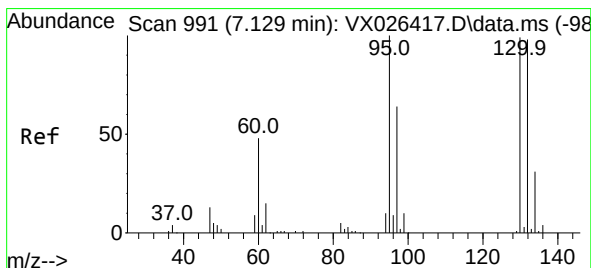
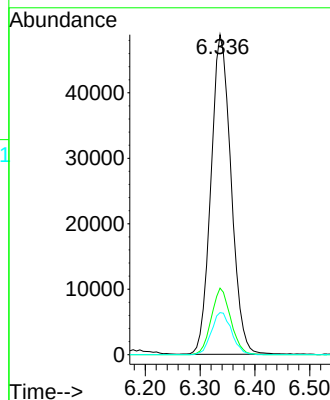
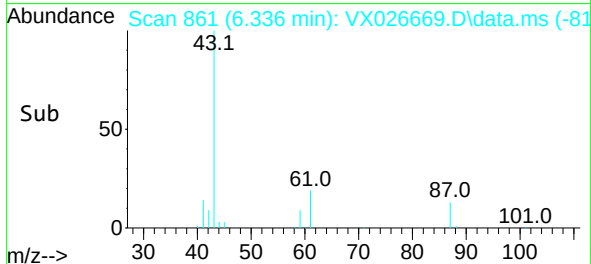
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 12428
Ion Ratio Lower Upper
43 100
61 20.1 15.4 23.0
87 13.2 10.2 15.2

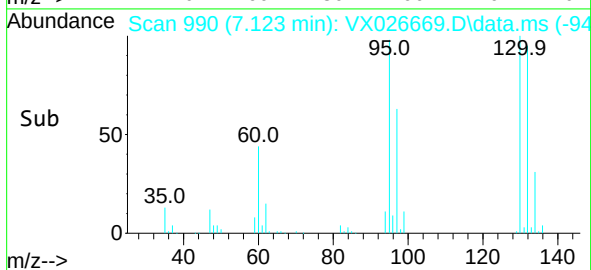
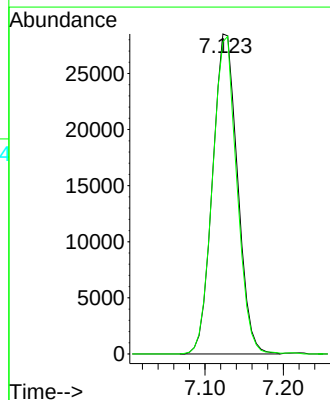
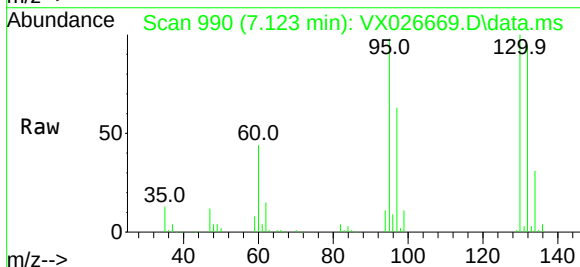
Manual Integrations
APPROVED

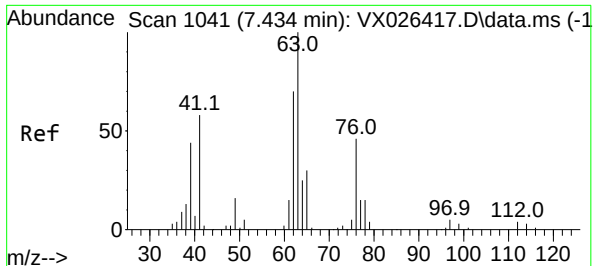
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022



#44
Trichloroethene
Concen: 55.055 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

Tgt Ion:130 Resp: 62973
Ion Ratio Lower Upper
130 100
95 97.6 0.0 202.6





#45

1,2-Dichloropropane

Concen: 54.704 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 5504

Ion Ratio Lower Upper

63 100

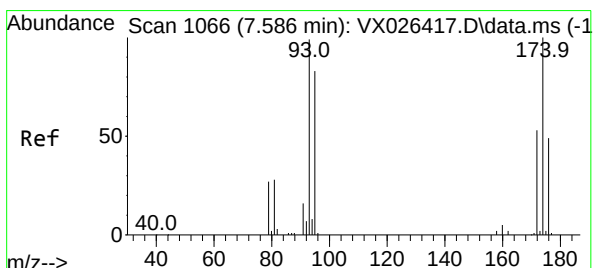
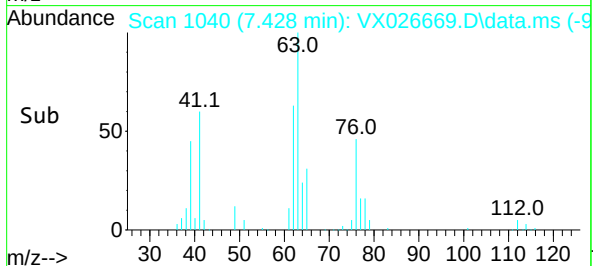
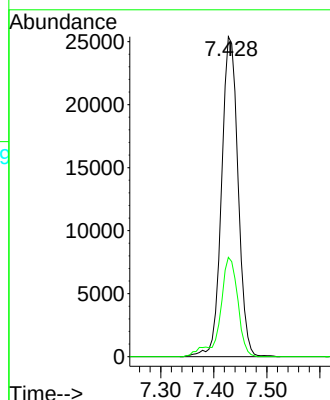
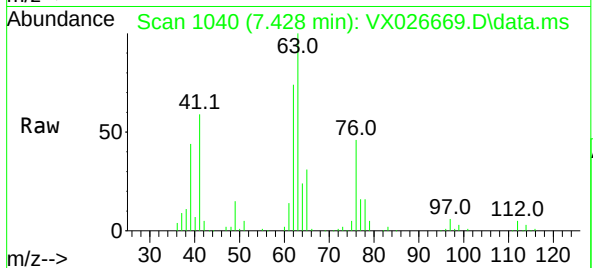
65 31.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/04/2022



#46

Dibromomethane

Concen: 53.798 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

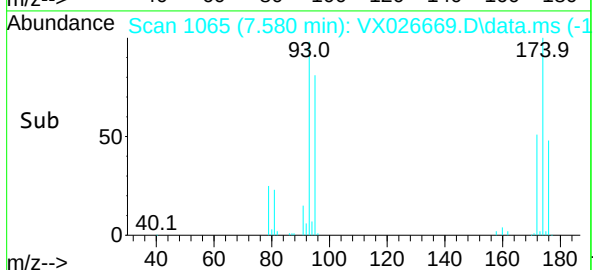
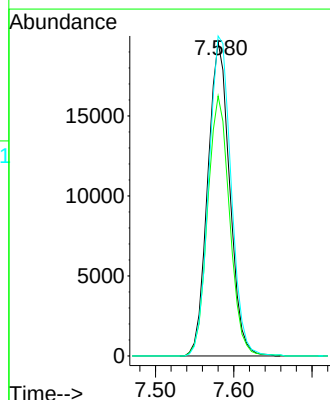
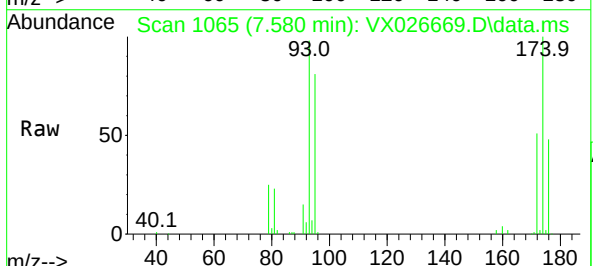
Tgt Ion: 93 Resp: 38159

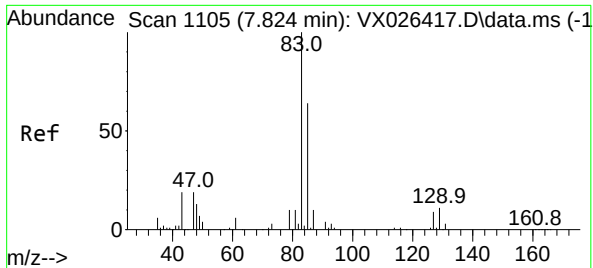
Ion Ratio Lower Upper

93 100

95 82.9 66.1 99.1

174 103.6 78.7 118.1





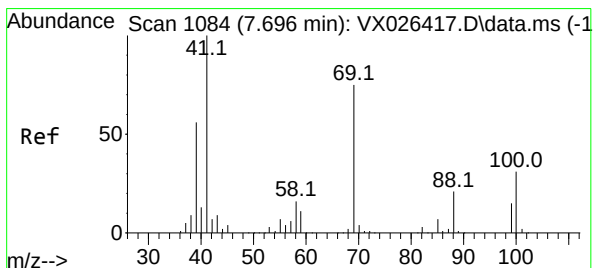
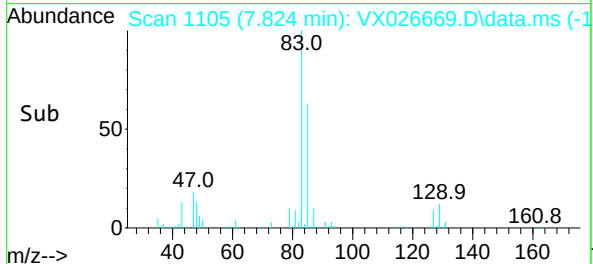
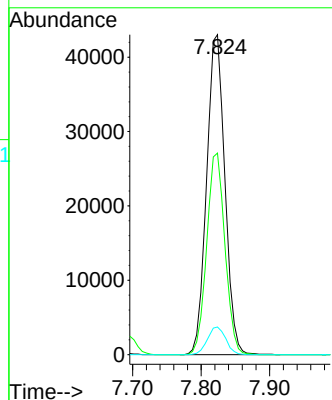
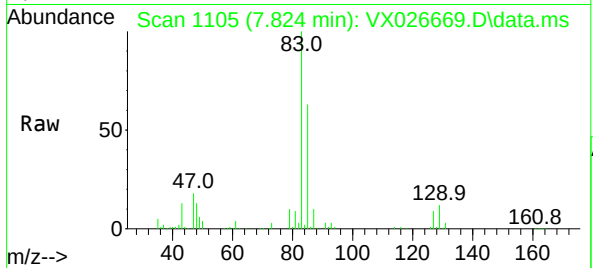
#47
Bromodichloromethane
Concen: 55.680 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 79798
Ion Ratio Lower Upper
83 100
85 63.0 51.4 77.0
127 8.7 6.9 10.3

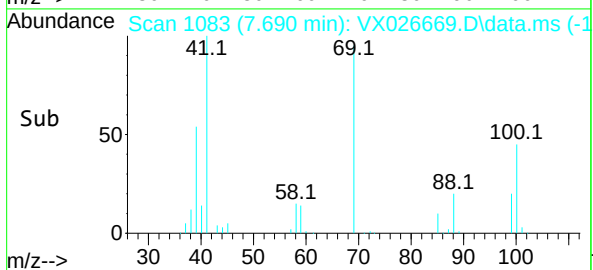
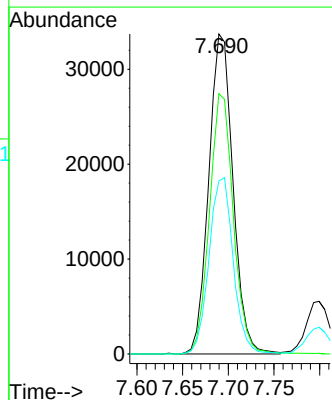
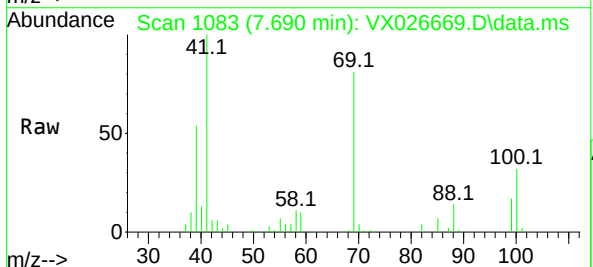
Manual Integrations
APPROVED

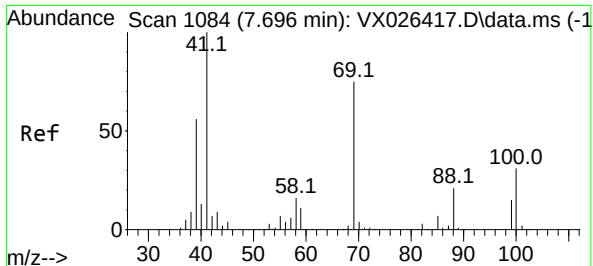
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022



#48
Methyl methacrylate
Concen: 52.619 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

Tgt Ion: 41 Resp: 62143
Ion Ratio Lower Upper
41 100
69 80.3 62.2 93.4
39 55.1 45.4 68.0





#49

1,4-Dioxane

Concen: 862.950 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.000 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

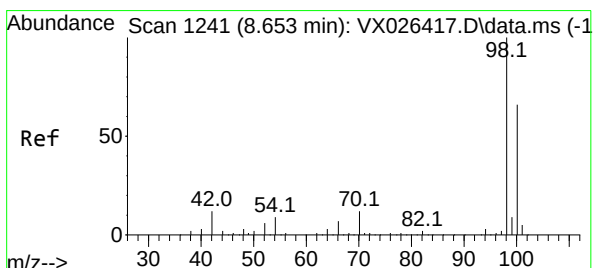
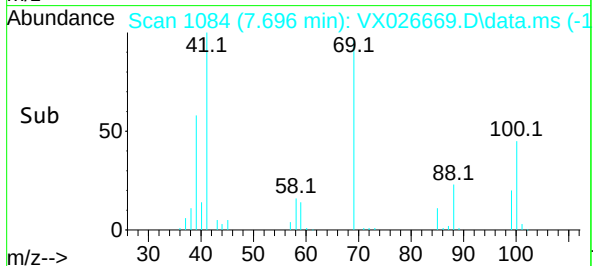
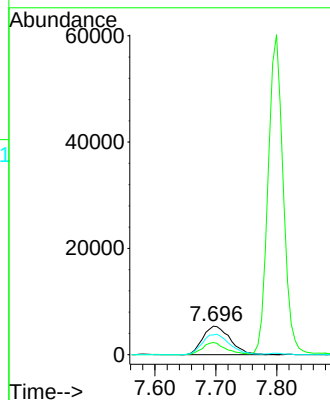
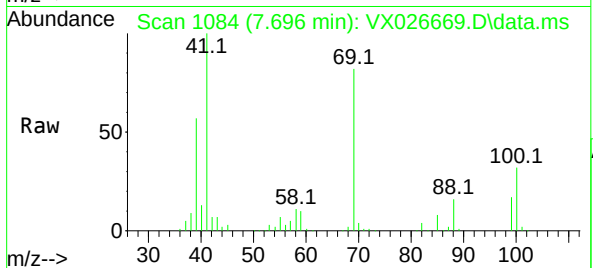
Tgt Ion: 88 Resp: 16725
 Ion Ratio Lower Upper
 88 100
 43 36.8 29.9 44.9
 58 71.6 57.8 86.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/04/2022



#50

Toluene-d8

Concen: 49.272 ug/l

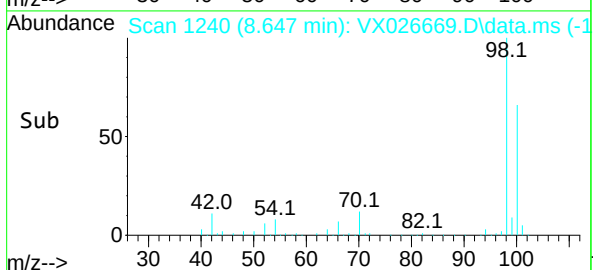
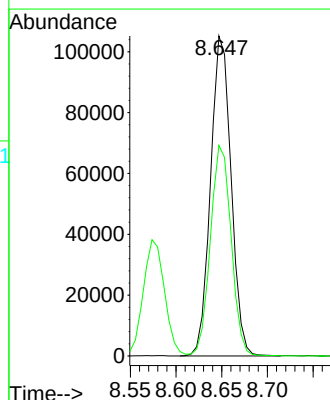
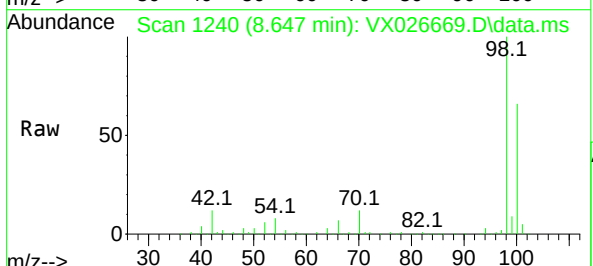
RT: 8.647 min Scan# 1240

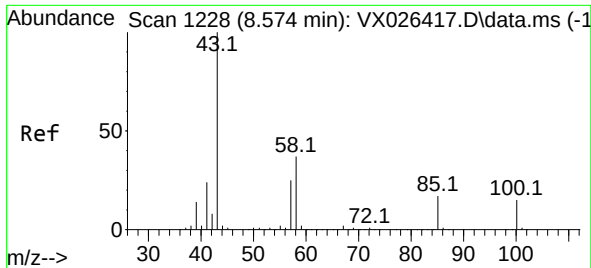
Delta R.T. -0.006 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

Tgt Ion: 98 Resp: 164030
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.2 79.8





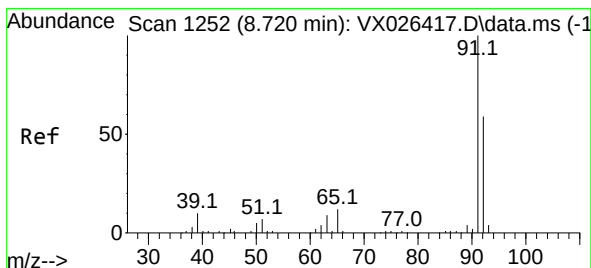
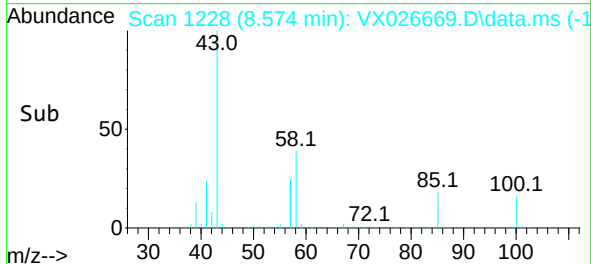
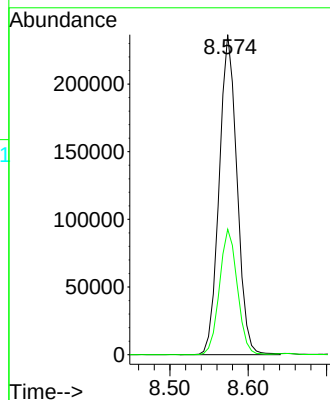
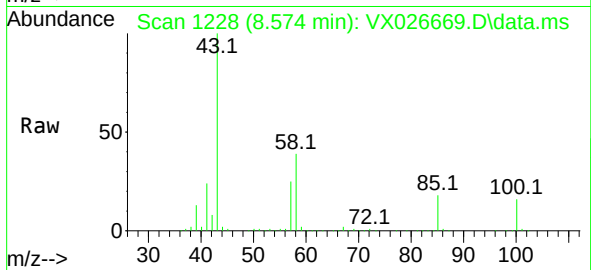
#51
4-Methyl-2-Pentanone
Concen: 265.246 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 37492
Ion Ratio Lower Upper
43 100
58 39.2 30.5 45.7

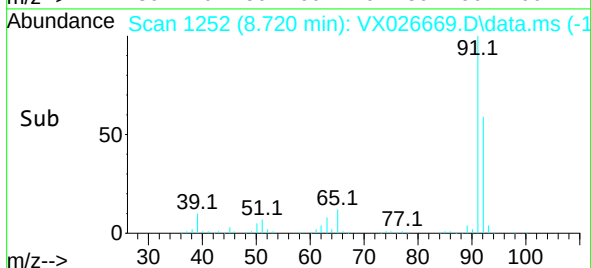
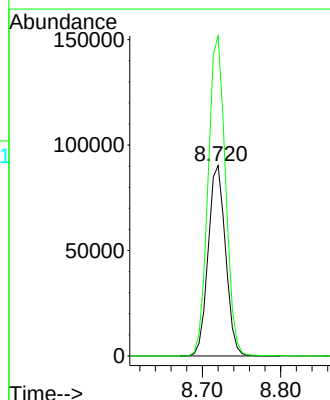
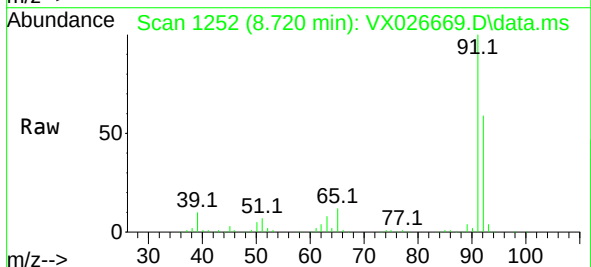
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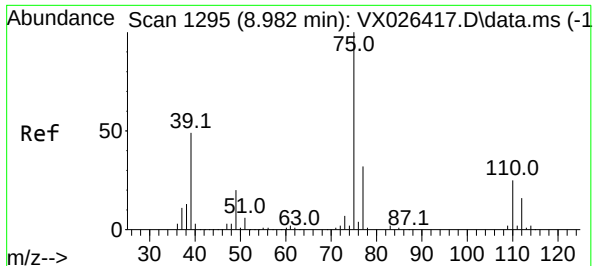
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022



#52
Toluene
Concen: 56.159 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

Tgt Ion: 92 Resp: 138822
Ion Ratio Lower Upper
92 100
91 168.6 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 53.934 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 82864

Ion Ratio Lower Upper

75 100

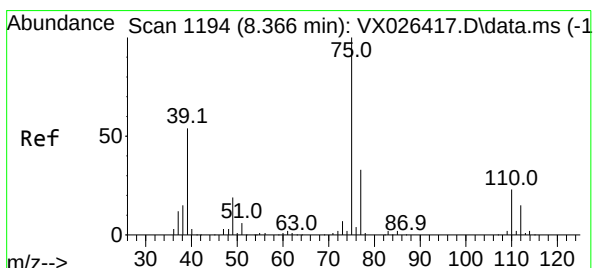
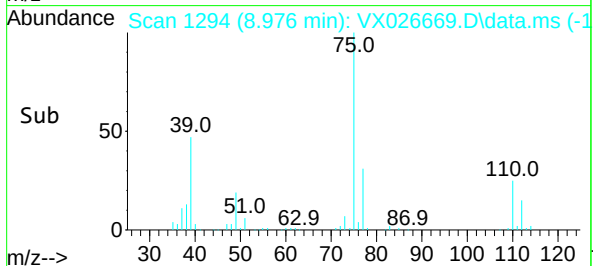
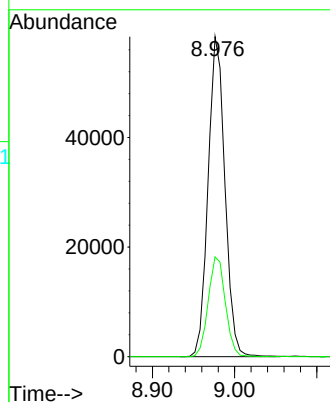
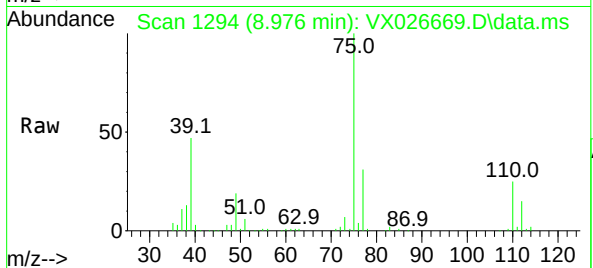
77 31.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/04/2022



#54

cis-1,3-Dichloropropene

Concen: 58.386 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

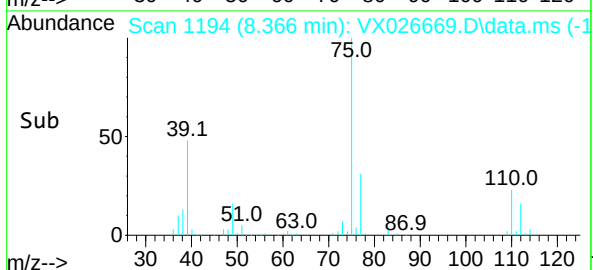
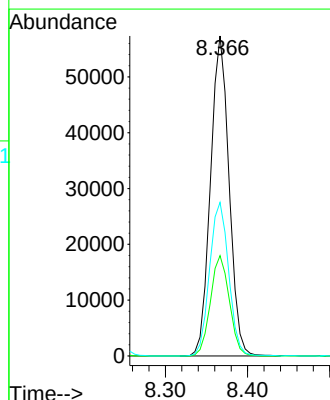
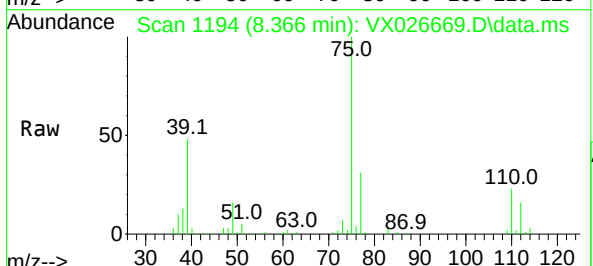
Tgt Ion: 75 Resp: 89873

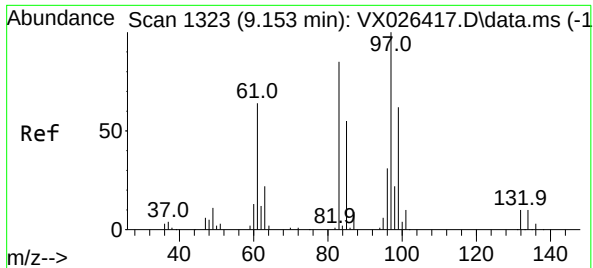
Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2

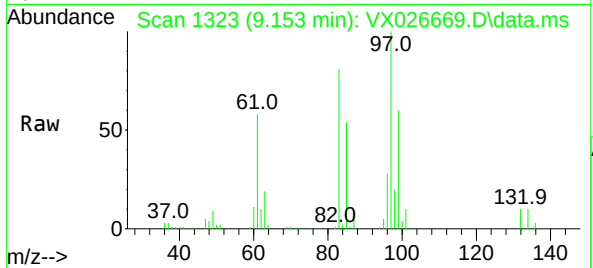
39 48.0 43.5 65.3





#55
1,1,2-Trichloroethane
Concen: 57.435 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

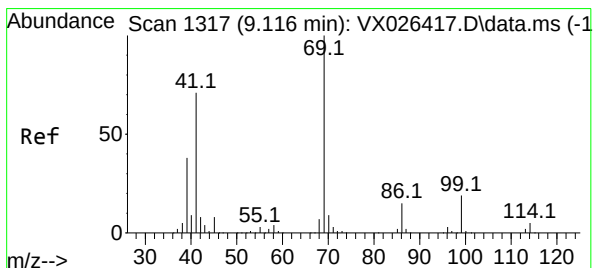
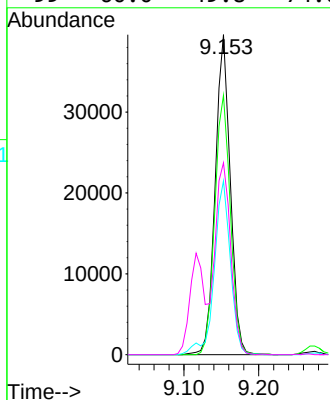
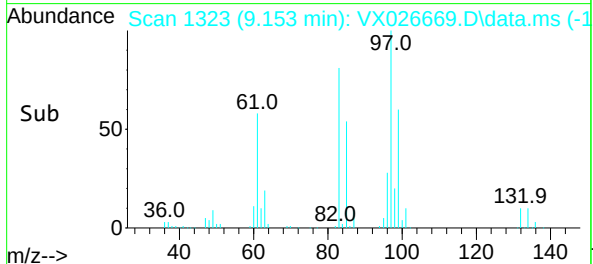
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



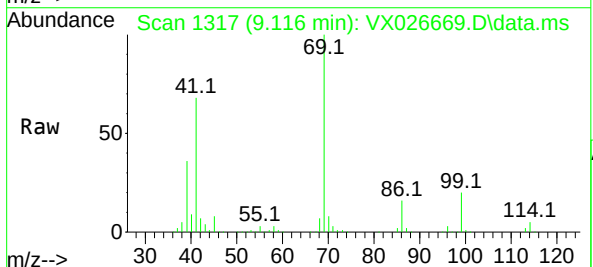
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.1	68.4	102.6
85	54.3	44.0	66.0
99	60.0	49.8	74.6

Manual Integrations
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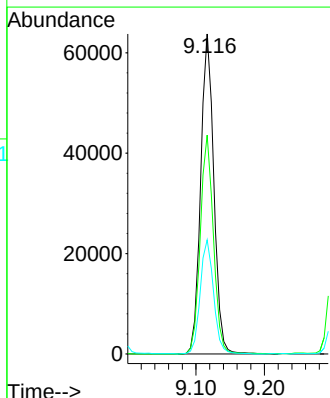
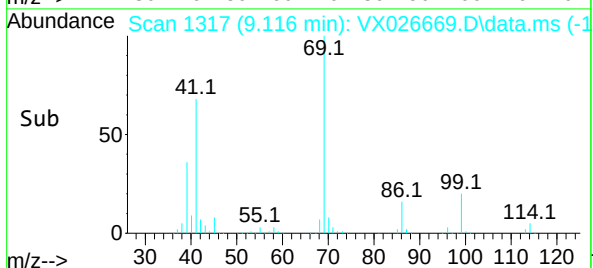
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022

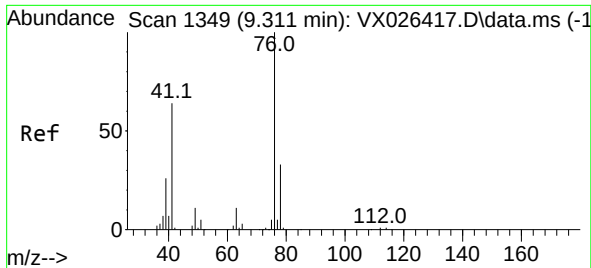


#56
Ethyl methacrylate
Concen: 57.766 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32



Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.6	57.2	85.8
39	36.3	30.9	46.3





#57

1,3-Dichloropropane

Concen: 56.197 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 9398

Ion Ratio Lower Upper

76 100

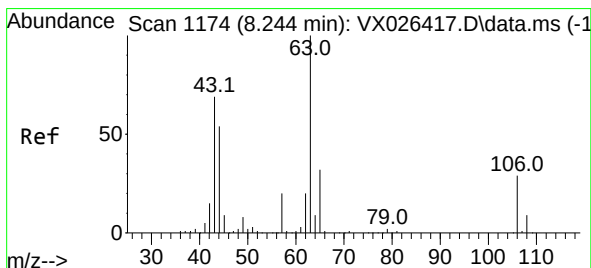
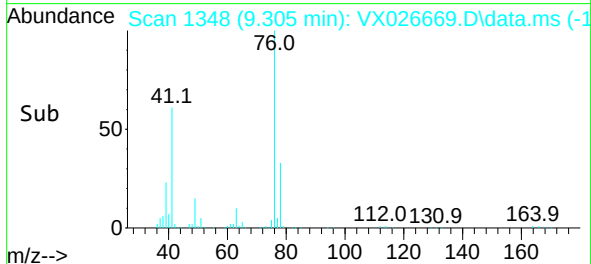
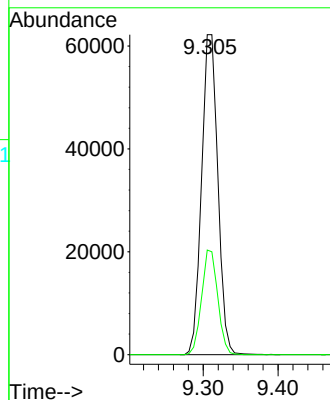
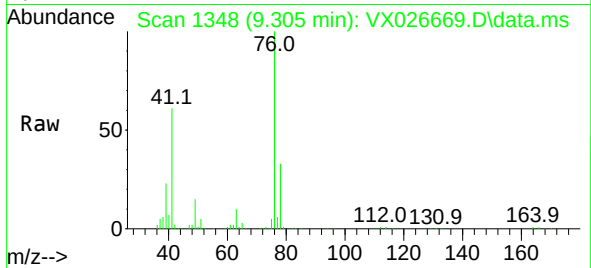
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/04/2022



#58

2-Chloroethyl Vinyl ether

Concen: 263.871 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX026669.D

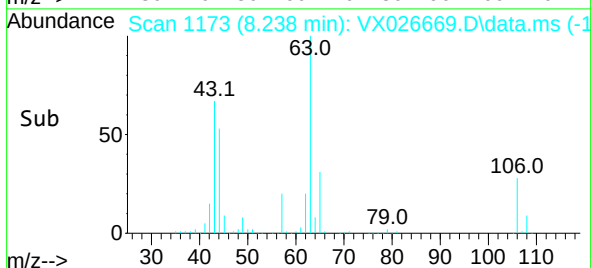
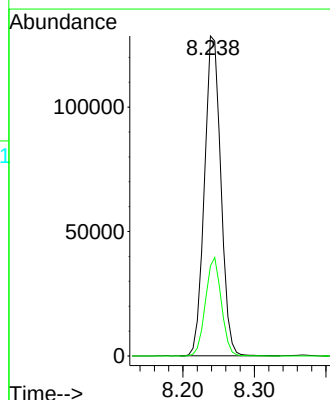
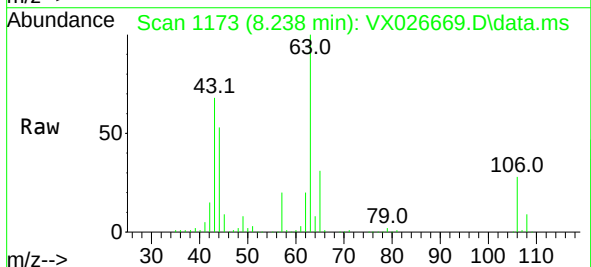
Acq: 31 Jan 2022 10:32

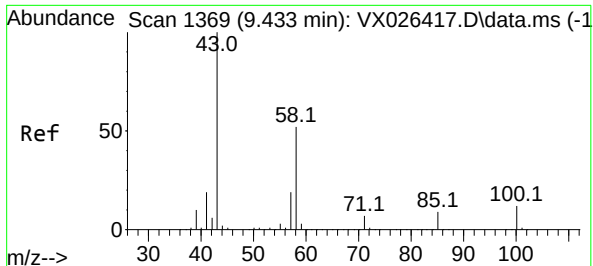
Tgt Ion: 63 Resp: 204548

Ion Ratio Lower Upper

63 100

106 29.8 23.0 34.6





#59

2-Hexanone

Concen: 272.859 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 29519

Ion Ratio Lower Upper

43 100

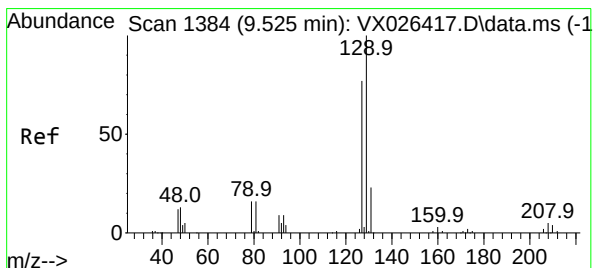
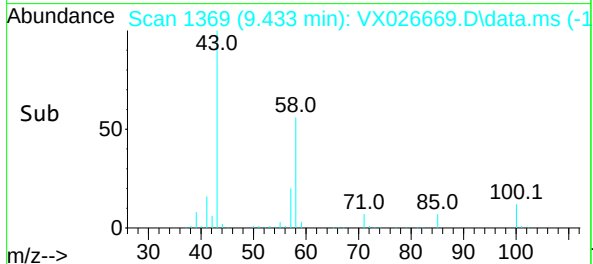
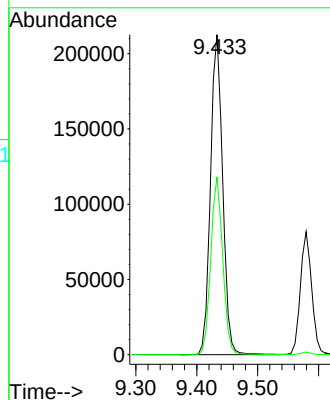
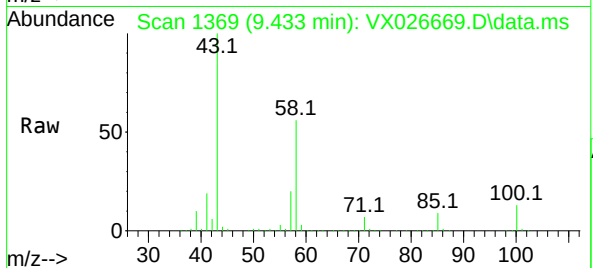
58 54.8 26.4 79.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/04/2022



#60

Dibromochloromethane

Concen: 61.950 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX026669.D

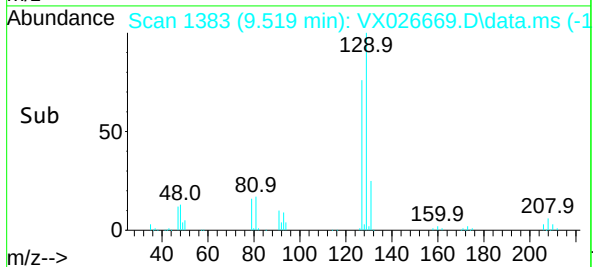
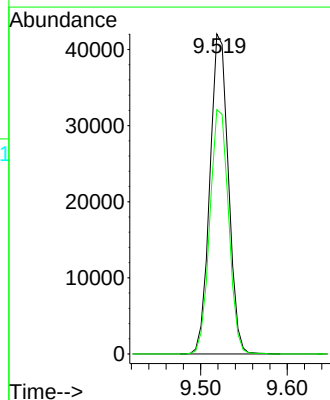
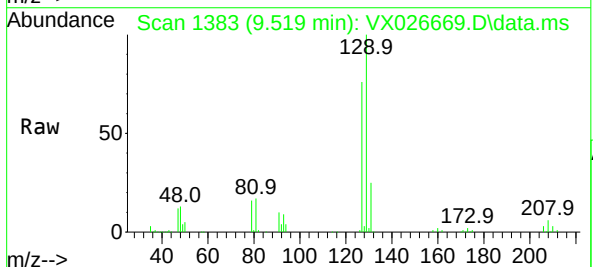
Acq: 31 Jan 2022 10:32

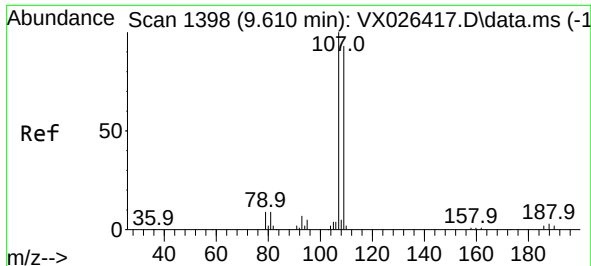
Tgt Ion:129 Resp: 62274

Ion Ratio Lower Upper

129 100

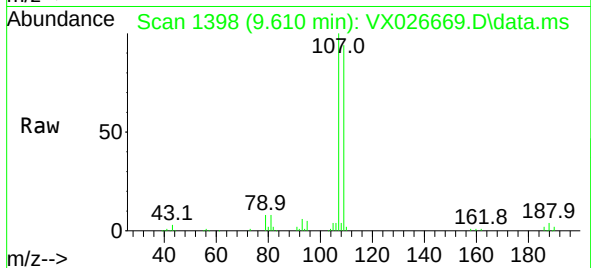
127 77.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 57.512 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

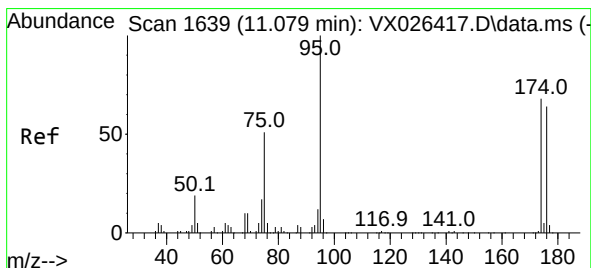
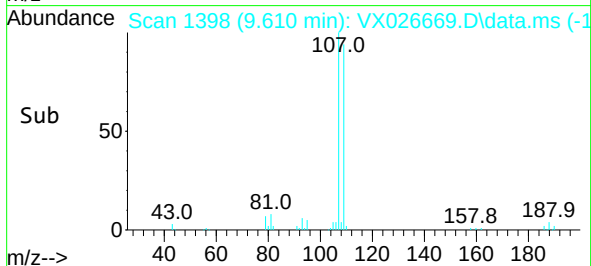
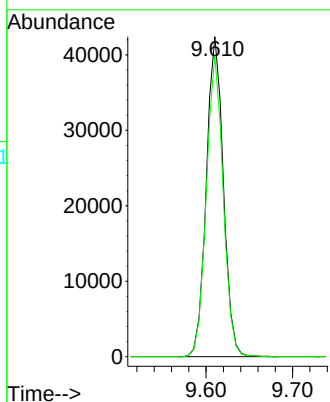
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 57810
Ion Ratio Lower Upper
107 100
109 93.1 75.5 113.3

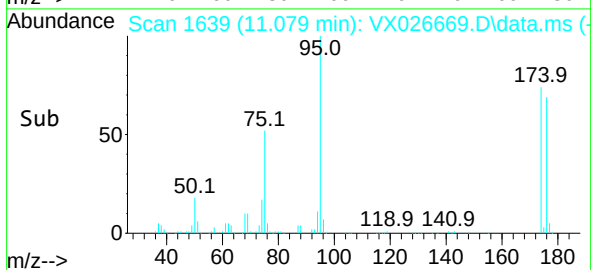
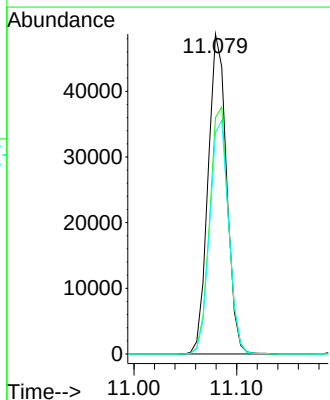
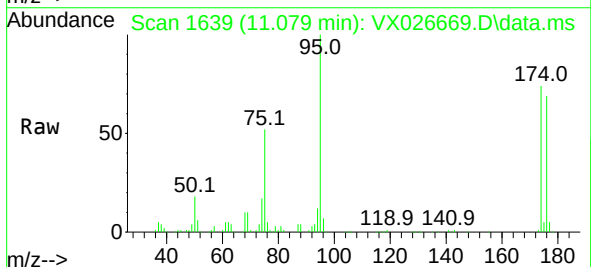
Manual Integrations
APPROVED

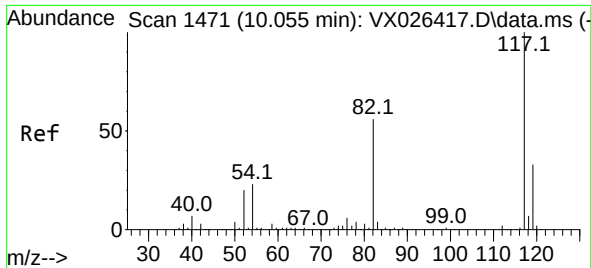
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022



#62
4-Bromofluorobenzene
Concen: 51.543 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

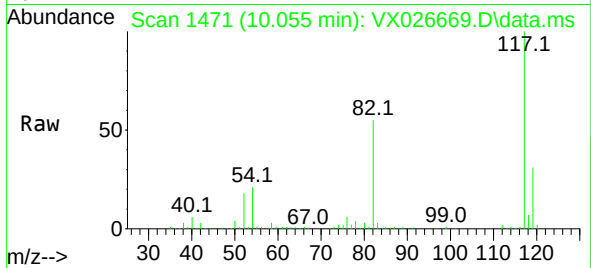
Tgt Ion: 95 Resp: 60956
Ion Ratio Lower Upper
95 100
174 78.1 0.0 148.6
176 74.6 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

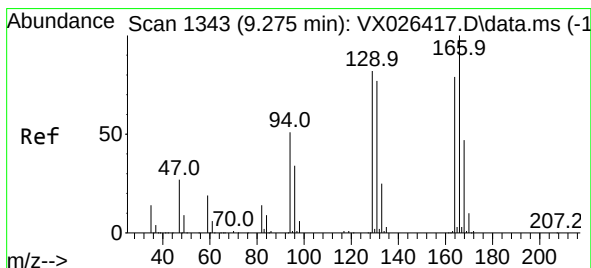
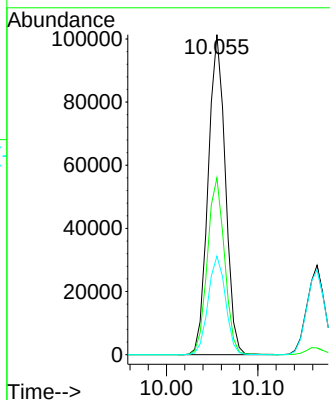
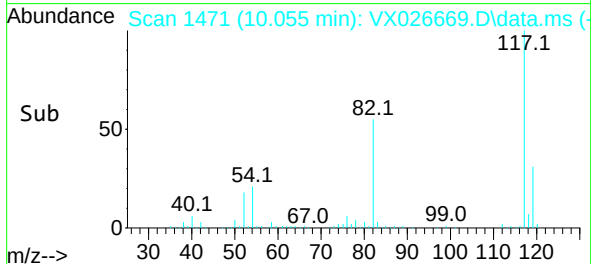
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 131922
Ion Ratio Lower Upper
117 100
82 55.3 45.2 67.8
119 30.8 26.2 39.2

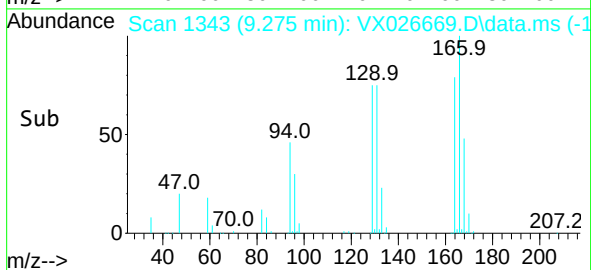
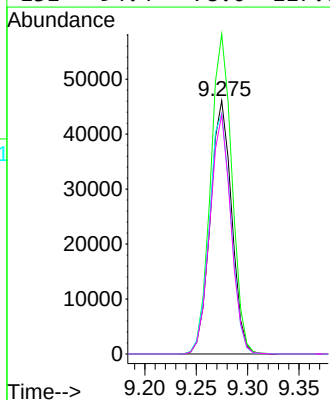
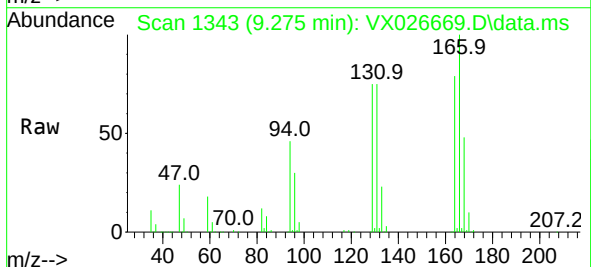
Manual Integrations
APPROVED

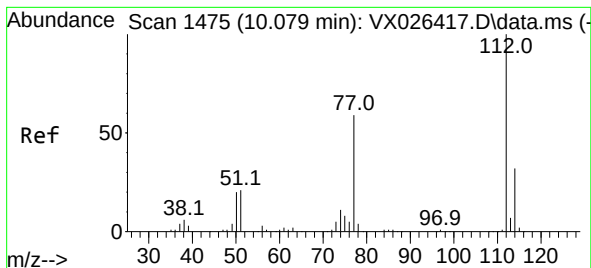
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022



#64
Tetrachloroethene
Concen: 53.180 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

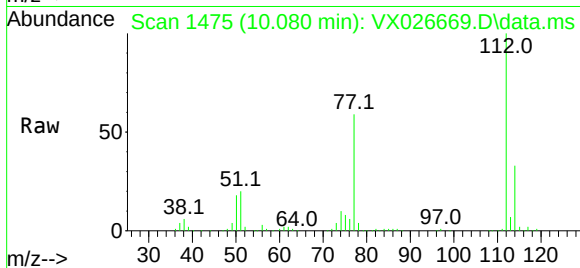
Tgt Ion:164 Resp: 66273
Ion Ratio Lower Upper
164 100
166 126.3 101.8 152.6
129 95.0 83.3 124.9
131 94.4 78.0 117.0





#65
Chlorobenzene
Concen: 54.190 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

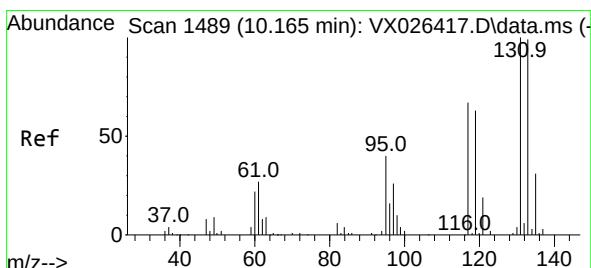
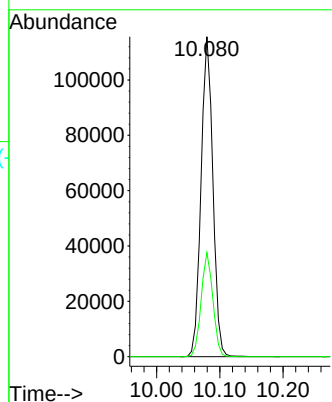
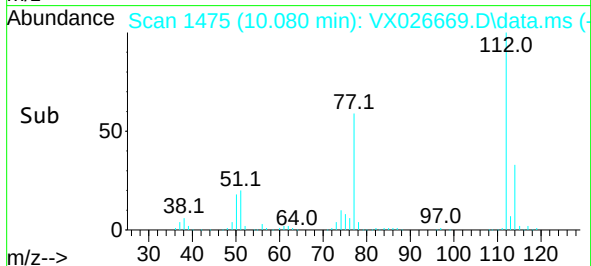
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



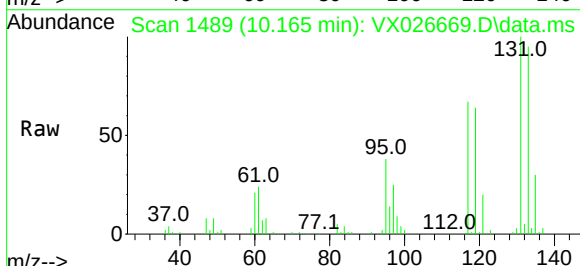
Tgt Ion:112 Resp: 150544
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9

Manual Integrations
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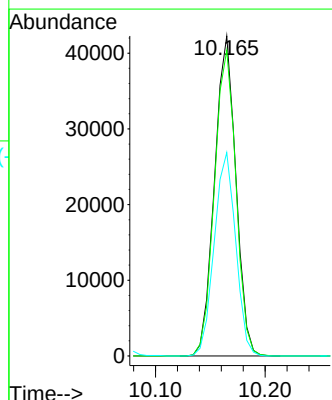
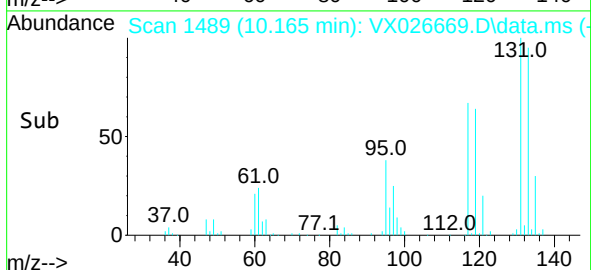
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022

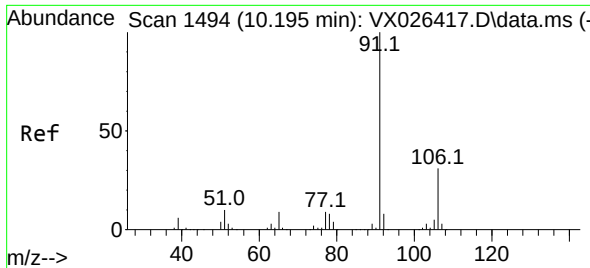


#66
1,1,1,2-Tetrachloroethane
Concen: 55.340 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32



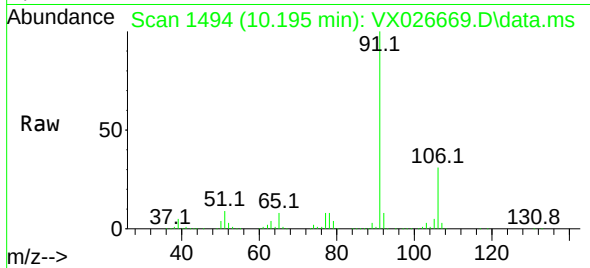
Tgt Ion:131 Resp: 57124
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.8
119 64.0 31.7 95.1





#67
Ethyl Benzene
Concen: 53.751 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

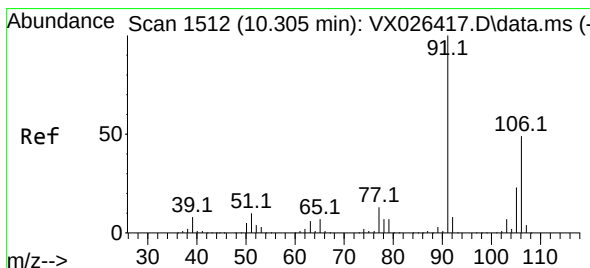
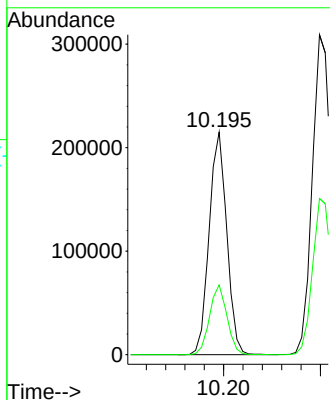
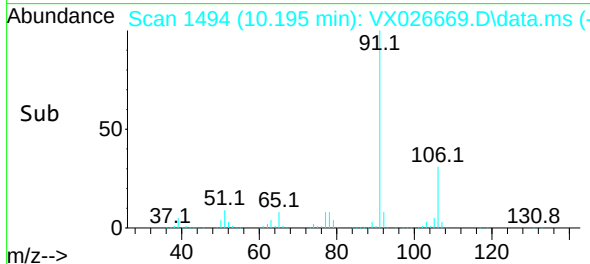
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



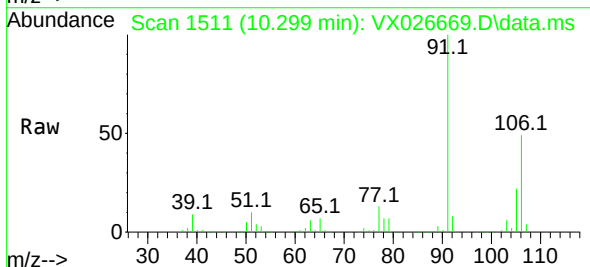
Tgt Ion: 91 Resp: 271359
Ion Ratio Lower Upper
91 100
106 31.4 24.7 37.1

Manual Integrations
APPROVED

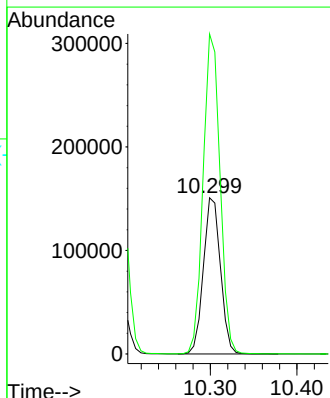
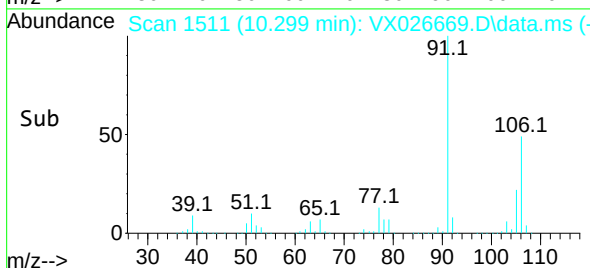
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022

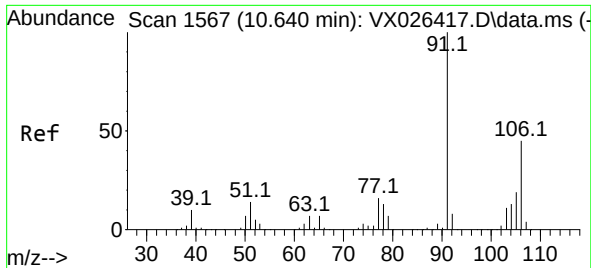


#68
m/p-Xylenes
Concen: 109.259 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32



Tgt Ion:106 Resp: 206420
Ion Ratio Lower Upper
106 100
91 203.4 165.3 247.9





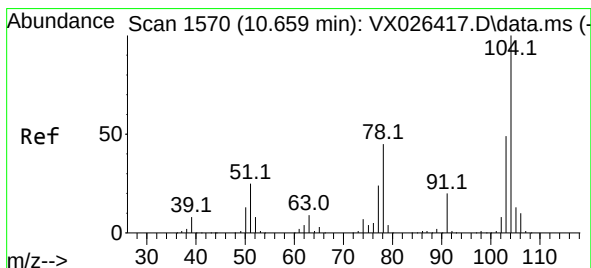
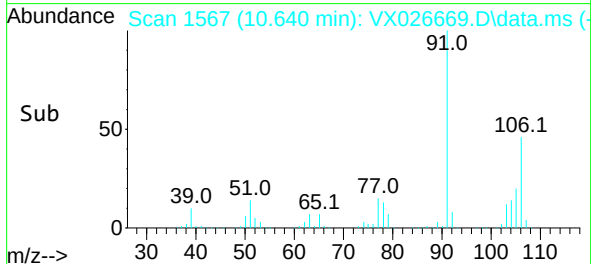
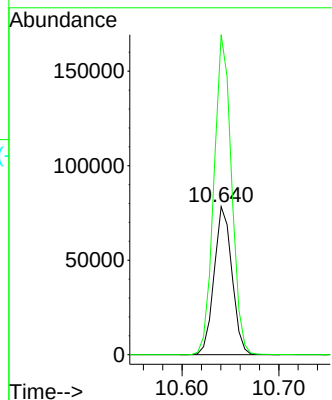
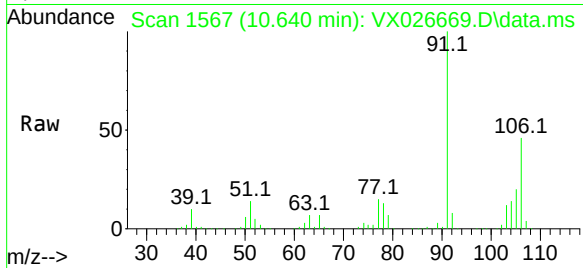
#69
o-Xylene
Concen: 54.936 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 100149
Ion Ratio Lower Upper
106 100
91 213.7 109.7 329.0

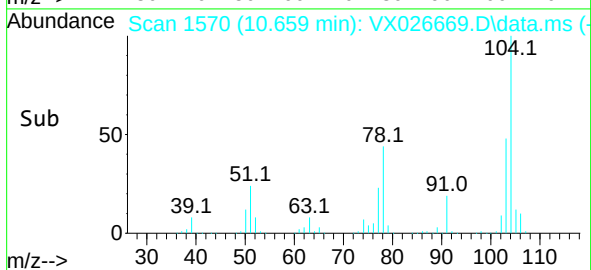
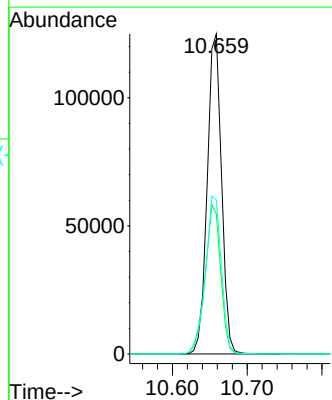
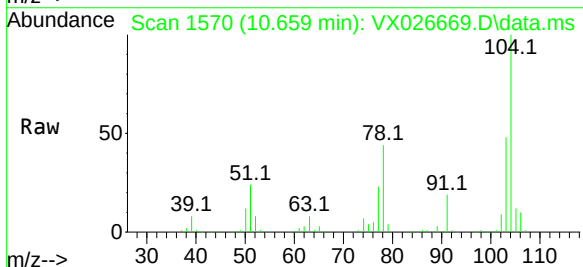
Manual Integrations
APPROVED

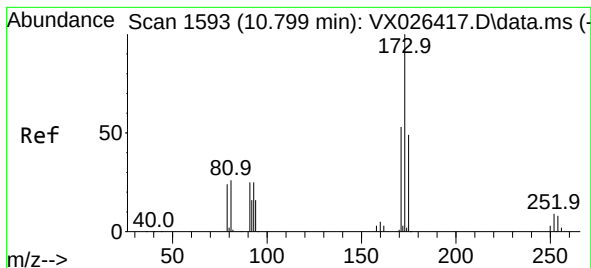
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022



#70
Styrene
Concen: 55.917 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

Tgt Ion:104 Resp: 166338
Ion Ratio Lower Upper
104 100
78 51.2 42.5 63.7
103 54.3 43.3 64.9





#71

Bromoform

Concen: 52.231 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 41350

Ion Ratio Lower Upper

173 100

175 49.2 24.3 72.9

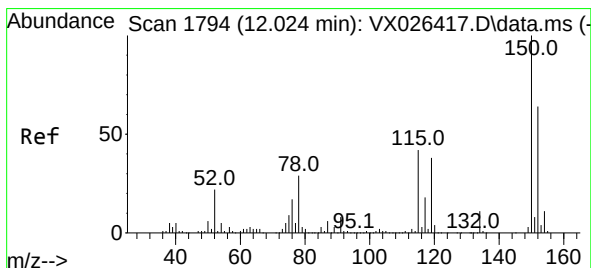
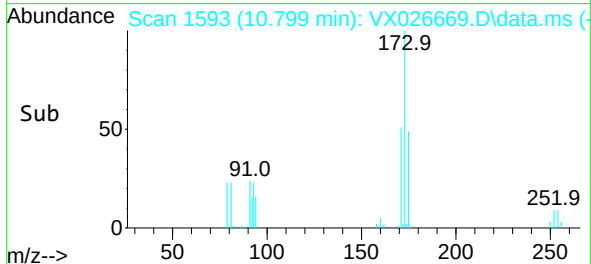
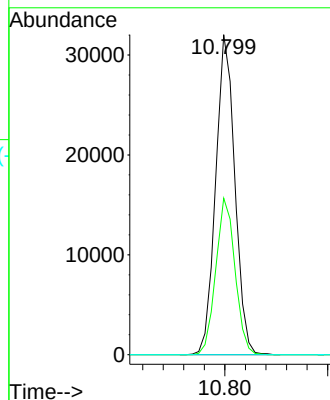
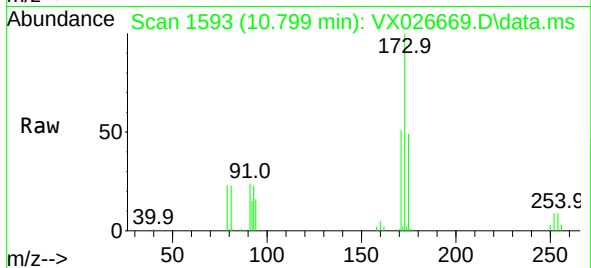
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/04/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

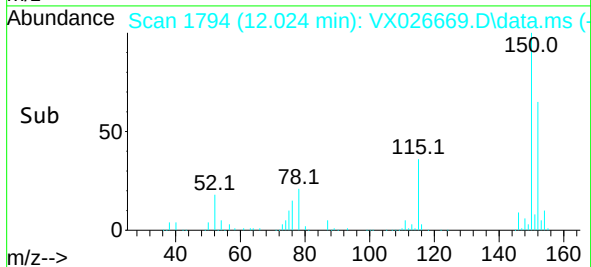
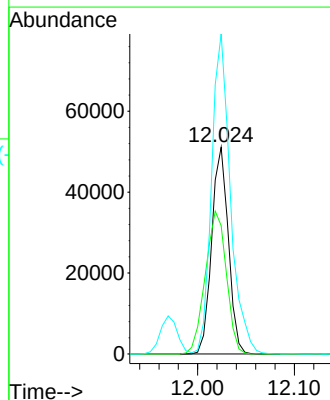
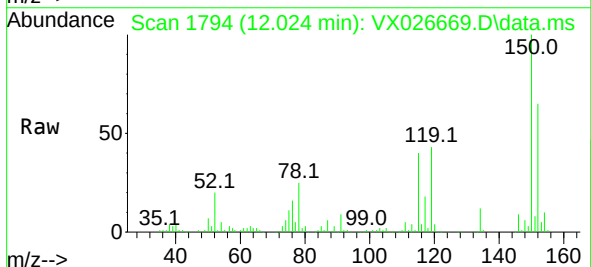
Tgt Ion:152 Resp: 61104

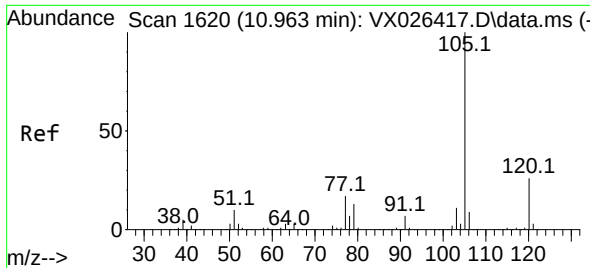
Ion Ratio Lower Upper

152 100

115 87.3 44.2 132.6

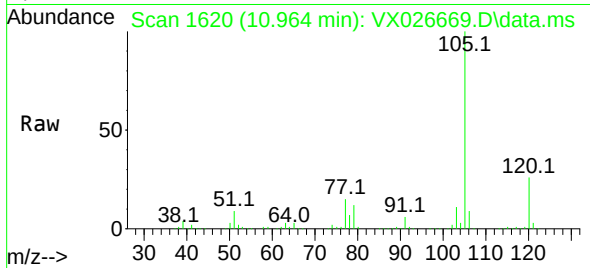
150 174.9 0.0 348.2





#73
Isopropylbenzene
Concen: 53.417 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

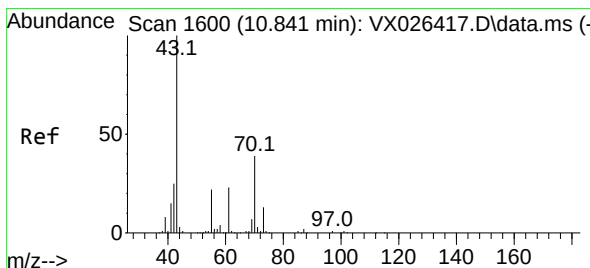
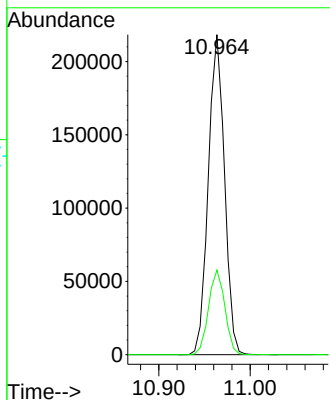
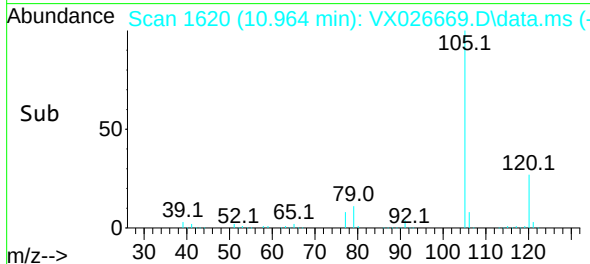
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



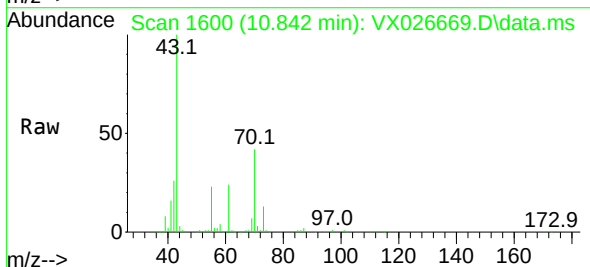
Tgt Ion:105 Resp: 26754
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

Manual Integrations
APPROVED

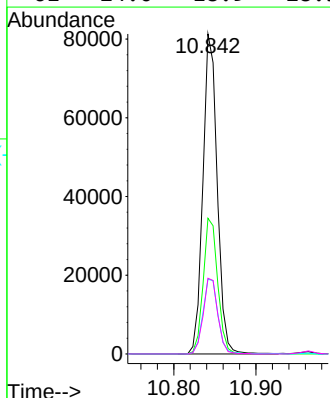
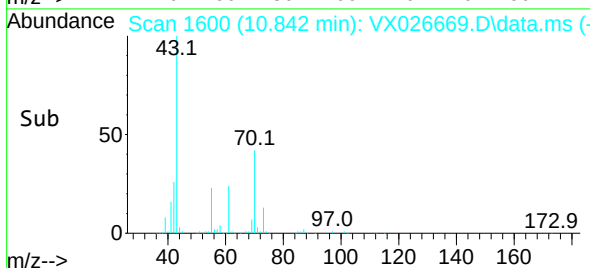
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022

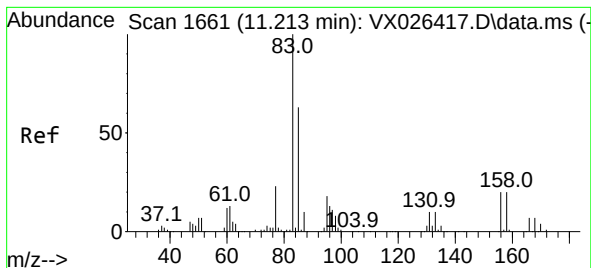


#74
N-ethyl acetate
Concen: 50.901 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32



Tgt Ion: 43 Resp: 98424
Ion Ratio Lower Upper
43 100
70 43.1 32.9 49.3
55 24.6 18.3 27.5
61 24.0 18.9 28.3





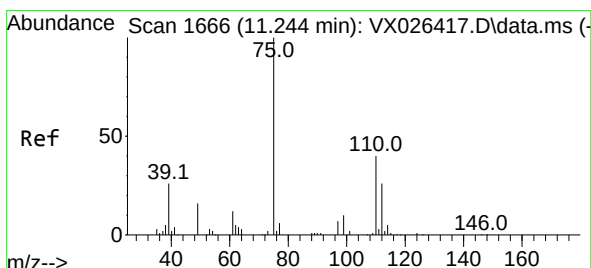
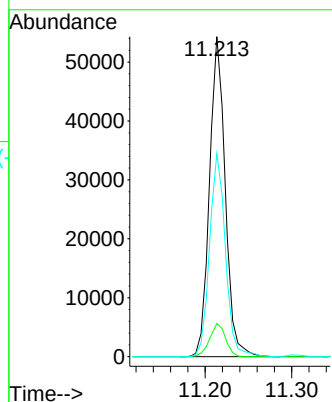
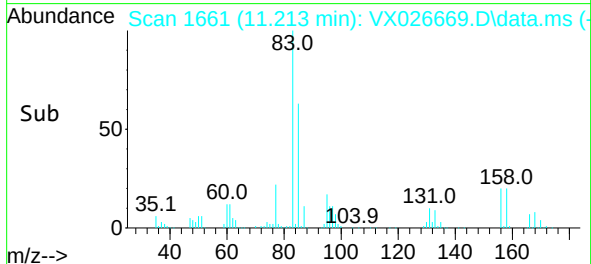
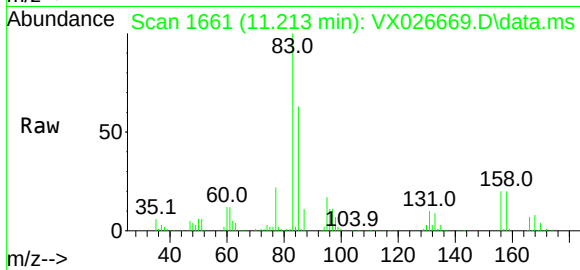
#75
1,1,2,2-Tetrachloroethane
Concen: 50.954 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 6850
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.9
85 64.0 32.0 96.2

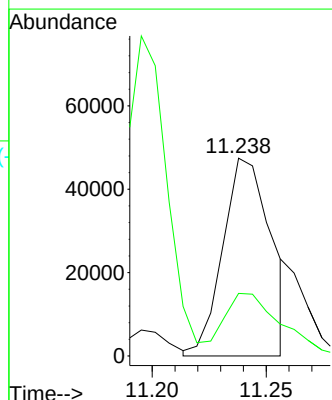
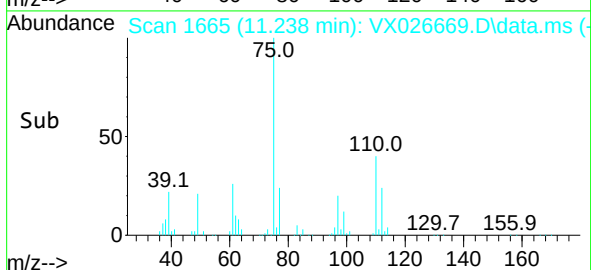
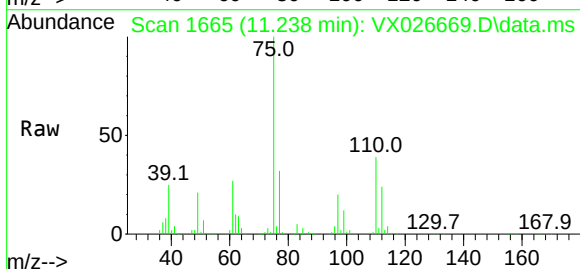
Manual Integrations
APPROVED

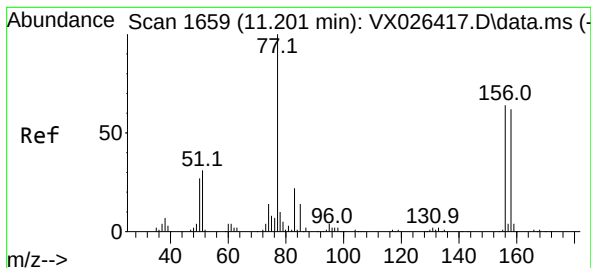
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022



#76
1,2,3-Trichloropropane
Concen: 51.606 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

Tgt Ion: 75 Resp: 69430
Ion Ratio Lower Upper
75 100
77 38.6 18.3 54.8





#77

Bromobenzene

Concen: 54.315 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX026669.D

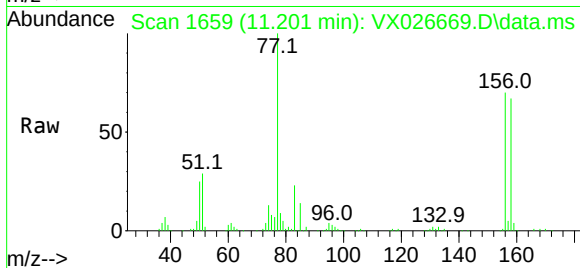
Acq: 31 Jan 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:156 Resp: 6232

Ion Ratio Lower Upper

156 100

77 158.6 84.5 253.4

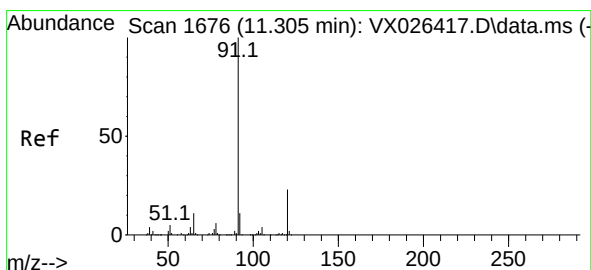
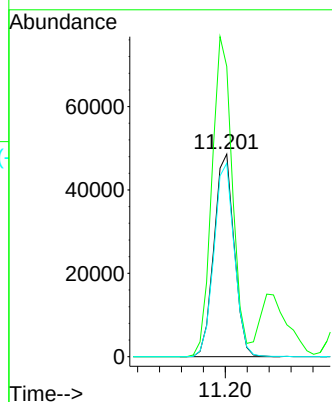
158 96.4 48.1 144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/04/2022



#78

n-propylbenzene

Concen: 53.456 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX026669.D

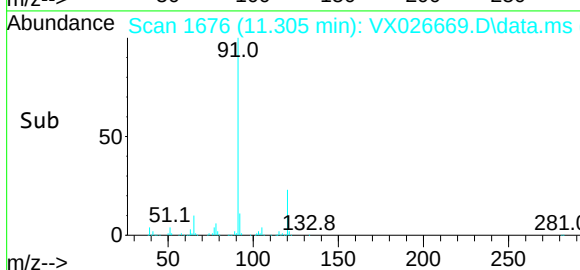
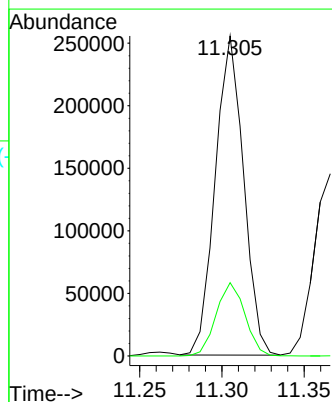
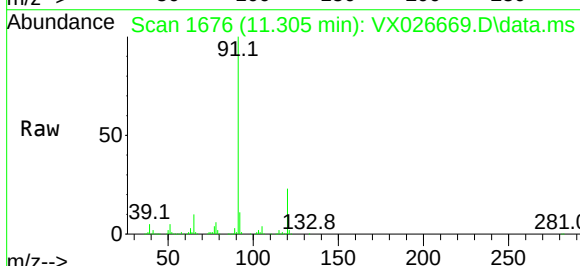
Acq: 31 Jan 2022 10:32

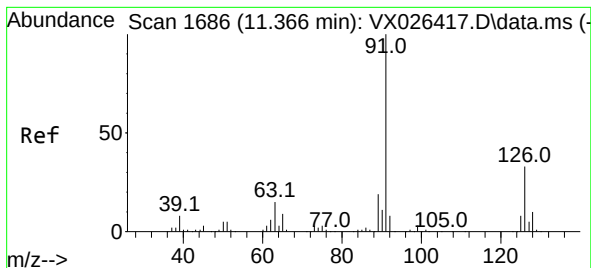
Tgt Ion: 91 Resp: 305321

Ion Ratio Lower Upper

91 100

120 23.4 11.6 34.7





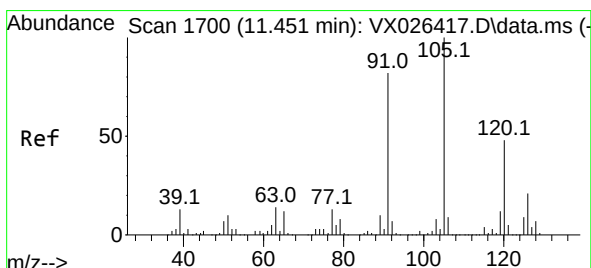
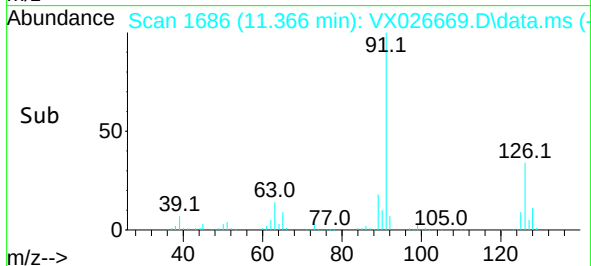
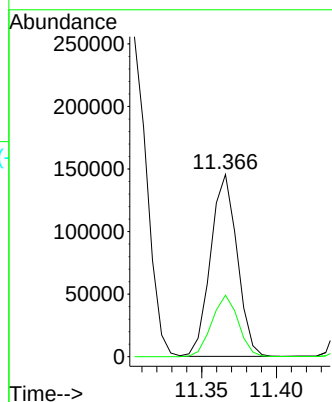
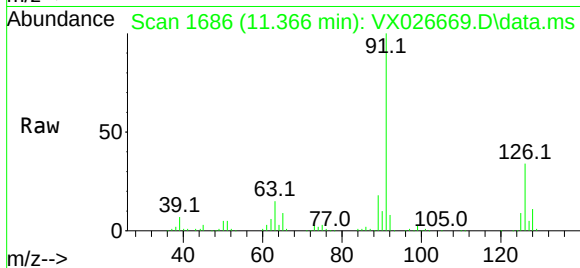
#79
2-Chlorotoluene
Concen: 51.877 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 17967
Ion Ratio Lower Upper
91 100
126 33.7 16.4 49.2

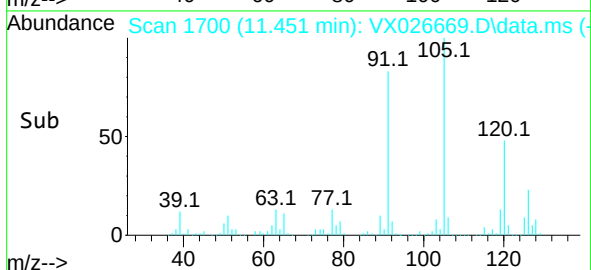
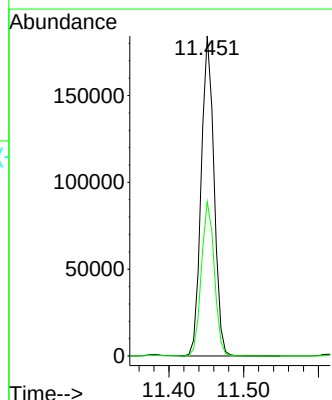
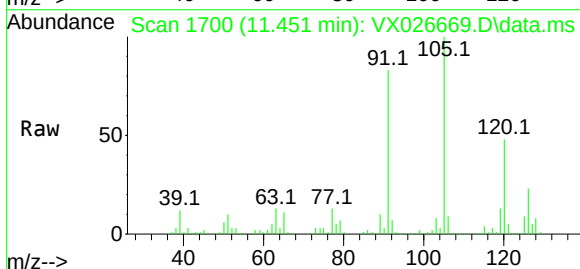
Manual Integrations
APPROVED

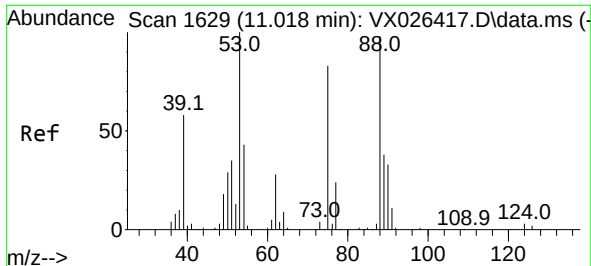
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.179 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

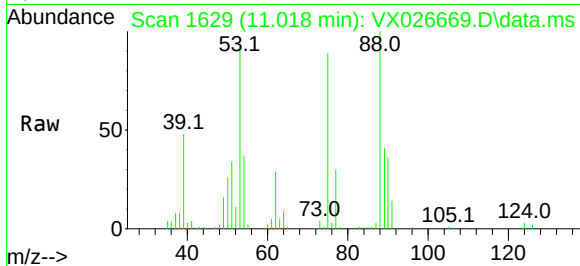
Tgt Ion:105 Resp: 219587
Ion Ratio Lower Upper
105 100
120 48.6 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 52.622 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

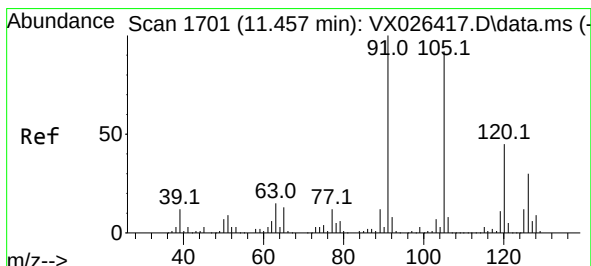
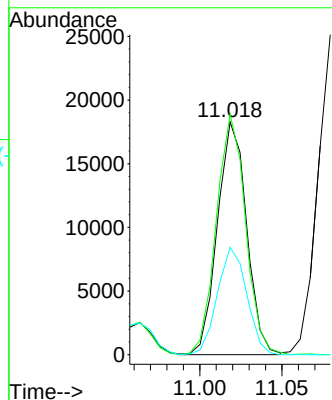
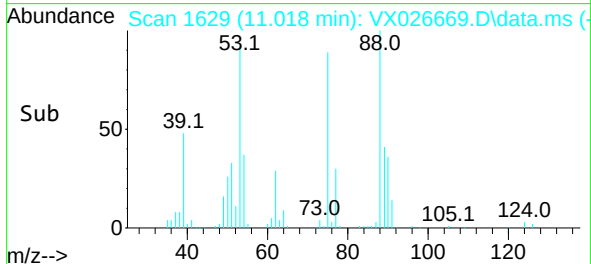
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



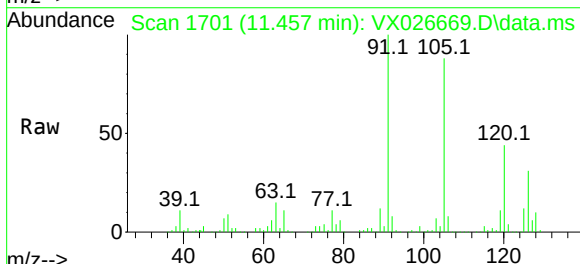
Tgt Ion: 75 Resp: 2256
Ion Ratio Lower Upper
75 100
53 103.2 94.0 141.0
89 46.3 37.0 55.4

Manual Integrations
APPROVED

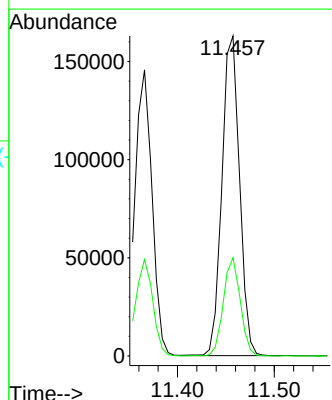
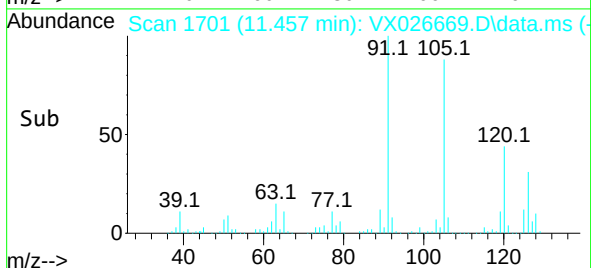
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022

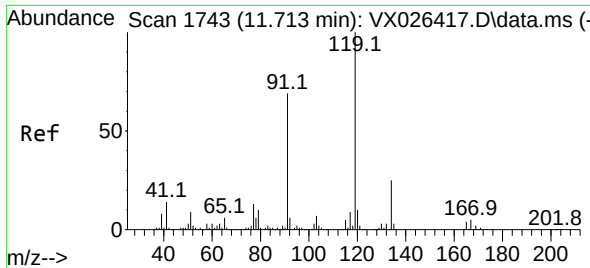


#82
4-Chlorotoluene
Concen: 51.591 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32



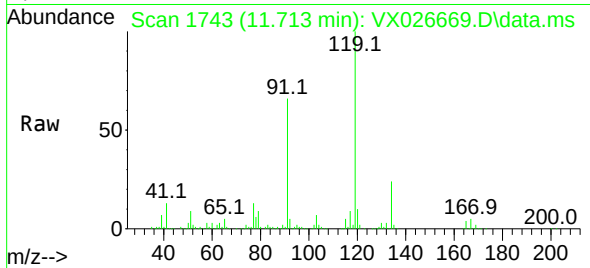
Tgt Ion: 91 Resp: 205363
Ion Ratio Lower Upper
91 100
126 29.7 14.1 42.4





#83
tert-Butylbenzene
Concen: 53.456 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

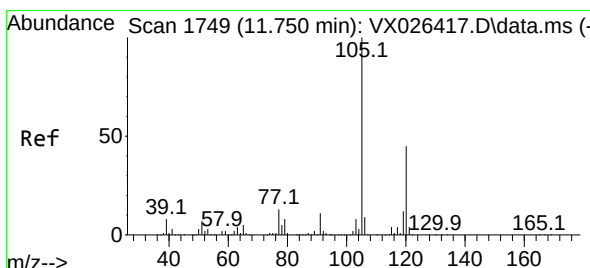
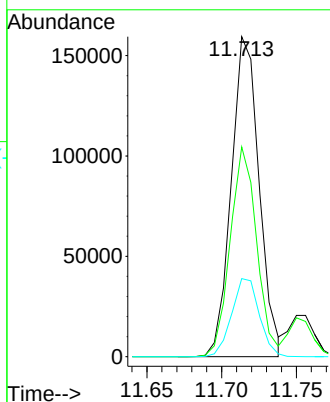
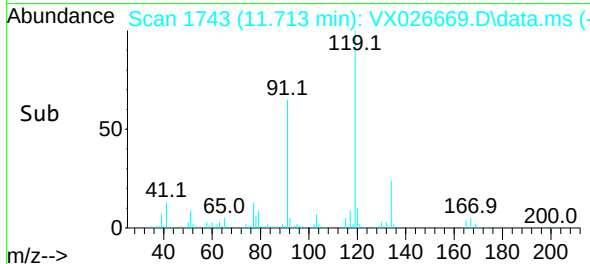
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



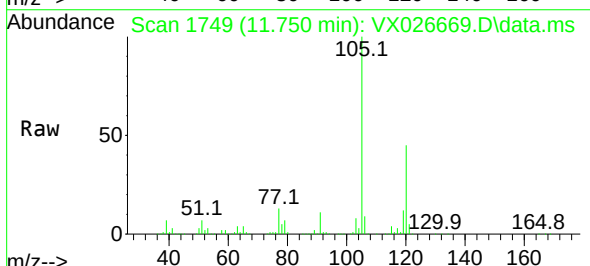
Tgt Ion:119 Resp: 206060
Ion Ratio Lower Upper
119 100
91 62.5 31.4 94.0
134 24.3 11.8 35.3

Manual Integrations
APPROVED

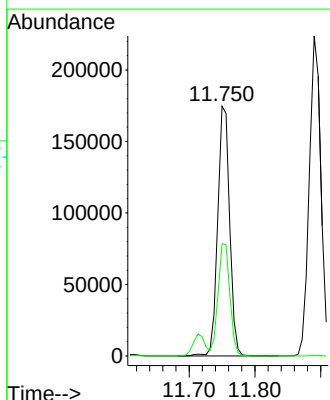
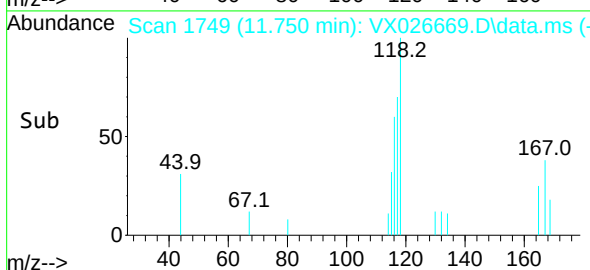
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022

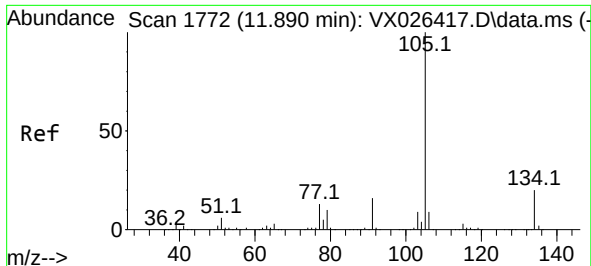


#84
1,2,4-Trimethylbenzene
Concen: 53.437 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32



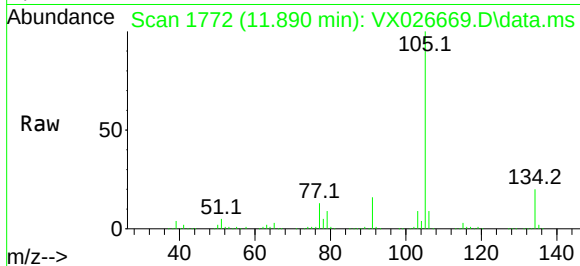
Tgt Ion:105 Resp: 220696
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 55.278 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX026669.D
 Acq: 31 Jan 2022 10:32

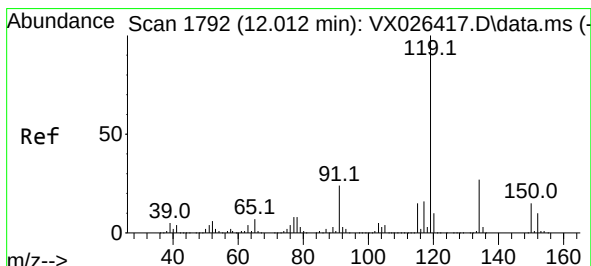
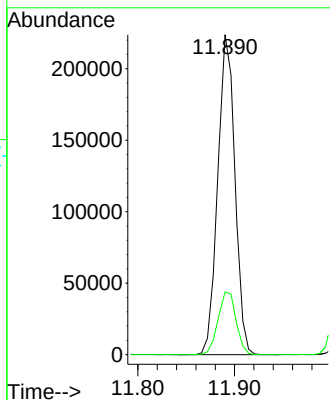
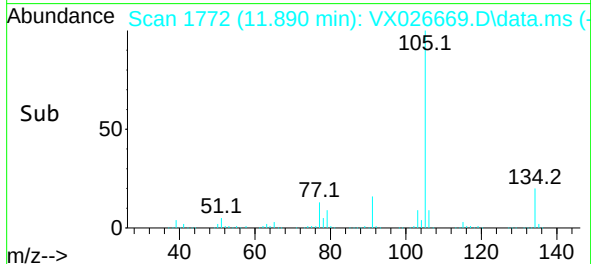
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



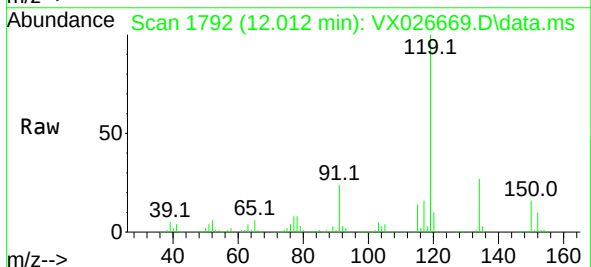
Tgt Ion:105 Resp: 275620
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1

Manual Integrations
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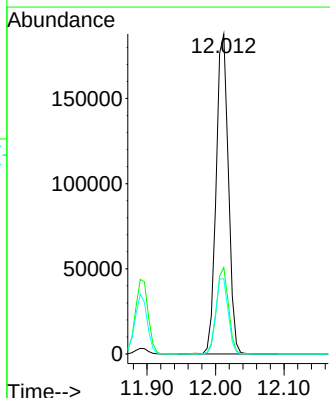
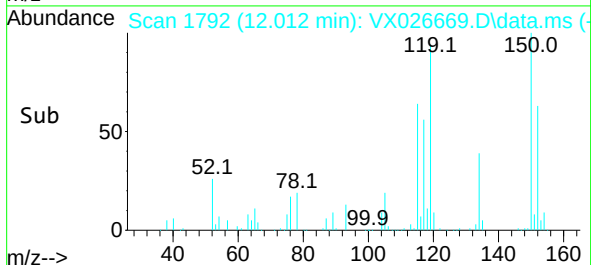
Reviewed By :John Carlone 02/01/2022
 Supervised By :Mahesh Dadoda 02/04/2022

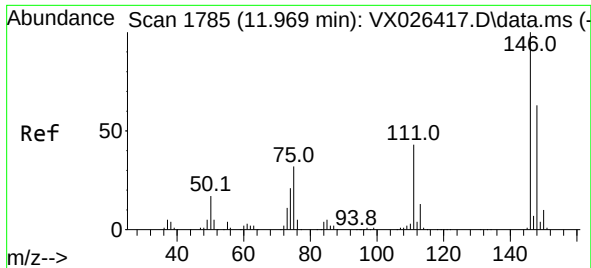


#86
 p-Isopropyltoluene
 Concen: 55.243 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX026669.D
 Acq: 31 Jan 2022 10:32



Tgt Ion:119 Resp: 231089
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 24.3 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 53.631 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

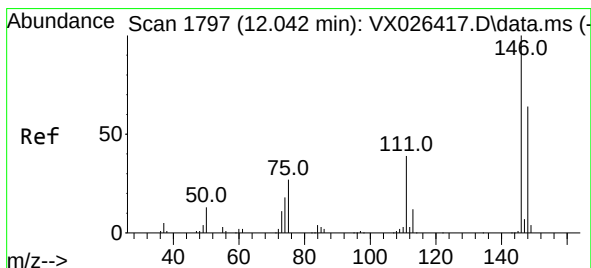
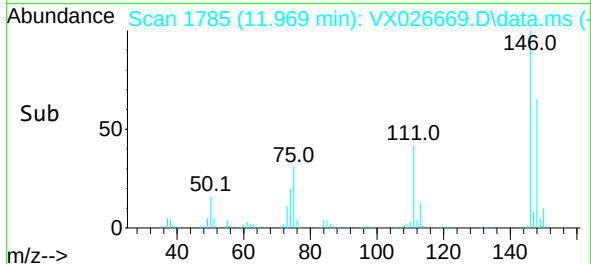
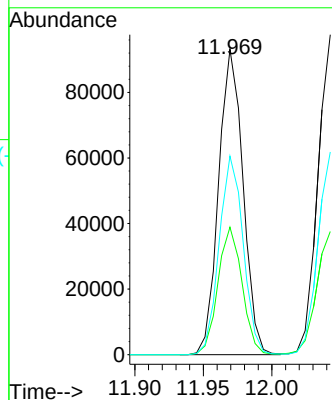
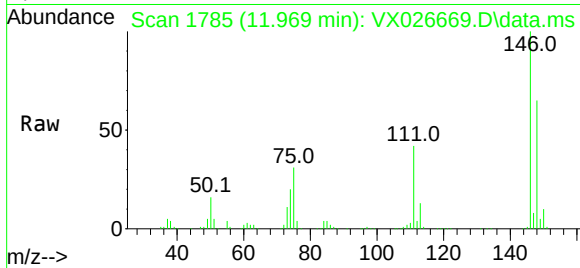
Tgt Ion:146 Resp: 11534
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.3 63.7
 148 64.2 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/04/2022



#88

1,4-Dichlorobenzene

Concen: 52.791 ug/l

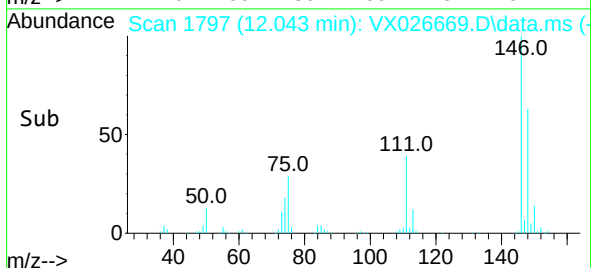
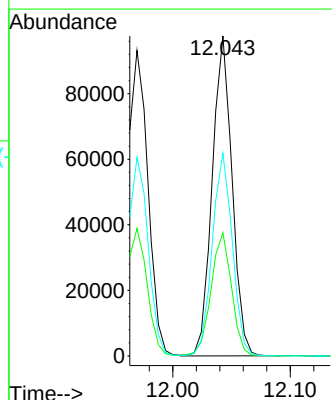
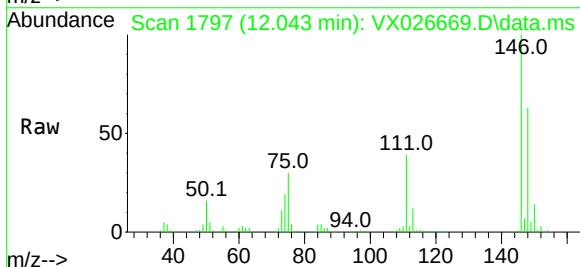
RT: 12.043 min Scan# 1797

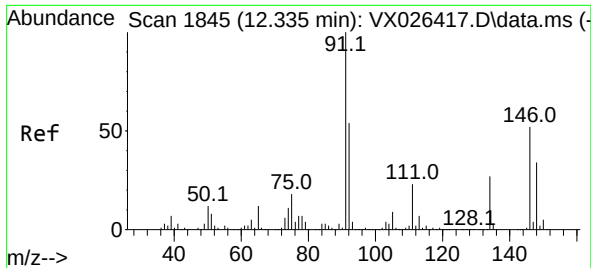
Delta R.T. 0.000 min

Lab File: VX026669.D

Acq: 31 Jan 2022 10:32

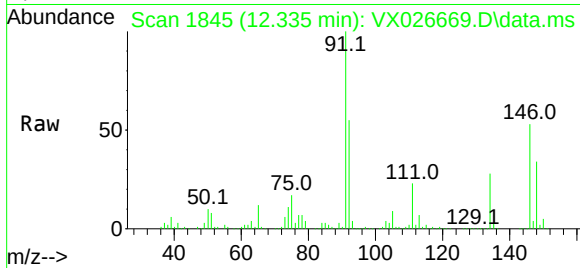
Tgt Ion:146 Resp: 114923
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.2 60.6
 148 64.1 31.4 94.0





#89
n-Butylbenzene
Concen: 55.584 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

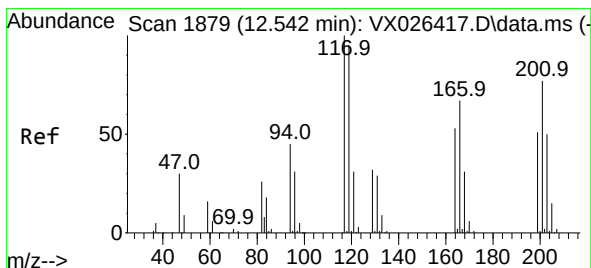
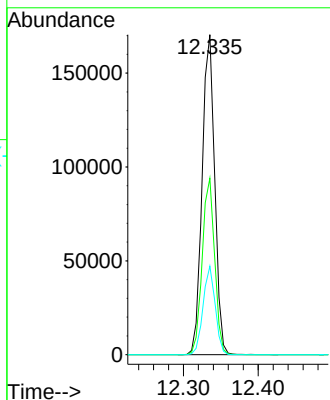
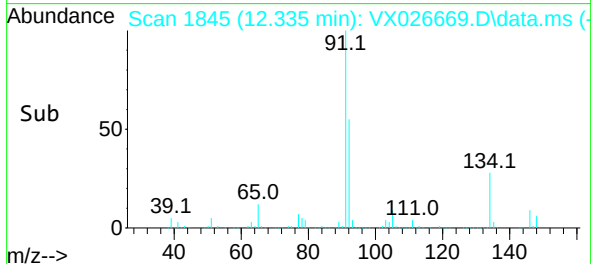
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 19953
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.6
134 26.6 13.1 39.1

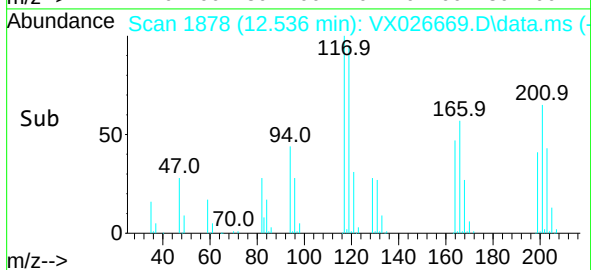
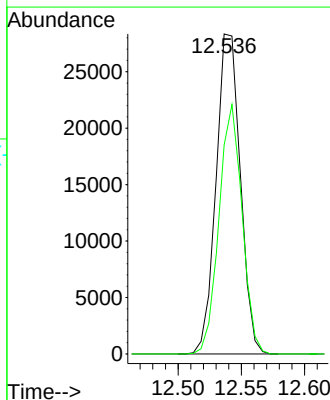
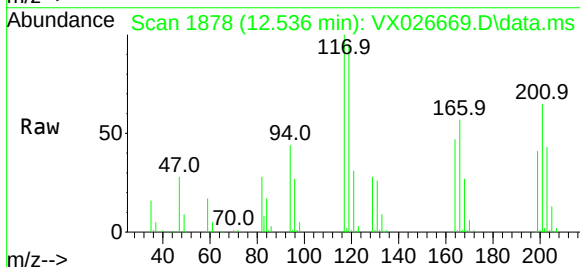
Manual Integrations
APPROVED

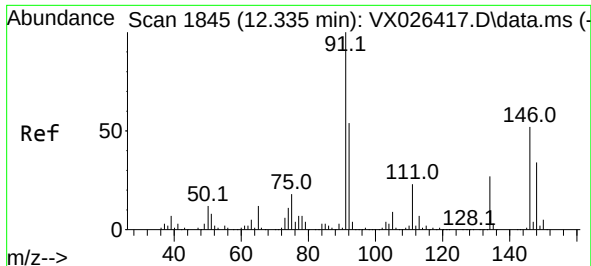
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022



#90
Hexachloroethane
Concen: 53.943 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

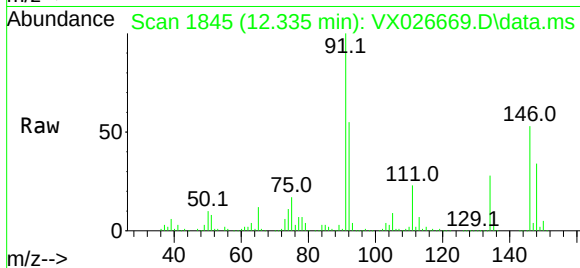
Tgt Ion:117 Resp: 37782
Ion Ratio Lower Upper
117 100
201 74.2 35.6 106.8





#91
1,2-Dichlorobenzene
Concen: 54.029 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

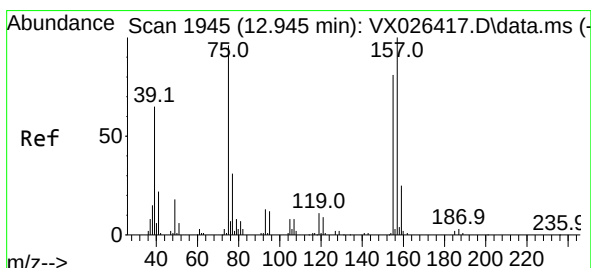
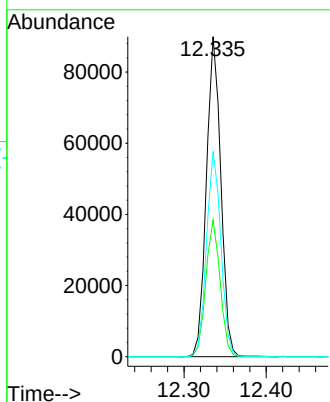
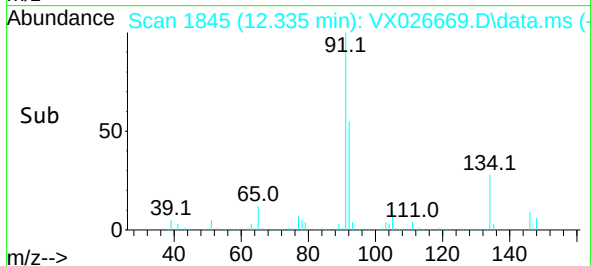
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



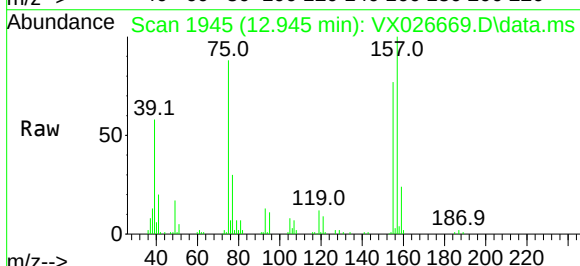
Tgt Ion:146 Resp: 10981
Ion Ratio Lower Upper
146 100
111 42.3 21.8 65.3
148 63.9 32.0 96.2

Manual Integrations
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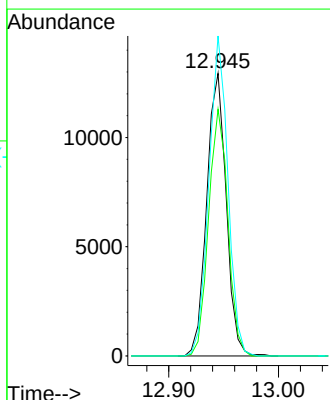
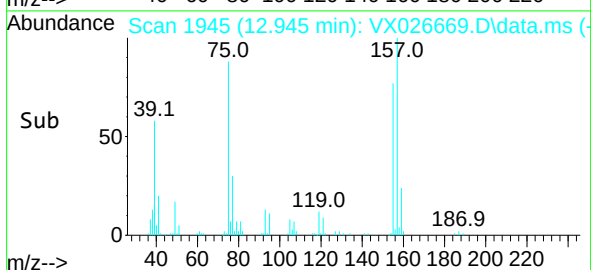
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022

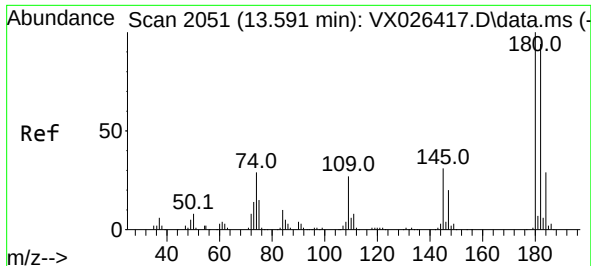


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.101 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32



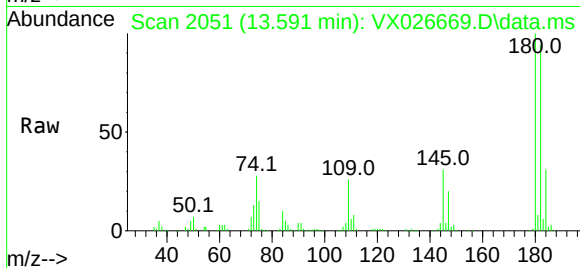
Tgt Ion: 75 Resp: 15954
Ion Ratio Lower Upper
75 100
155 86.5 40.0 119.9
157 110.5 51.6 154.8





#93
1,2,4-Trichlorobenzene
Concen: 55.383 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

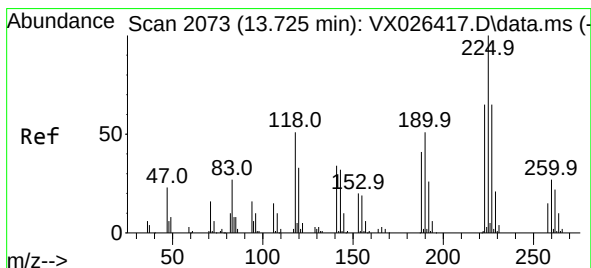
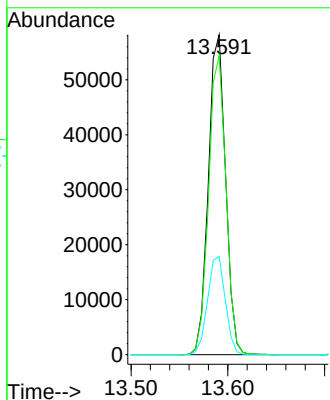
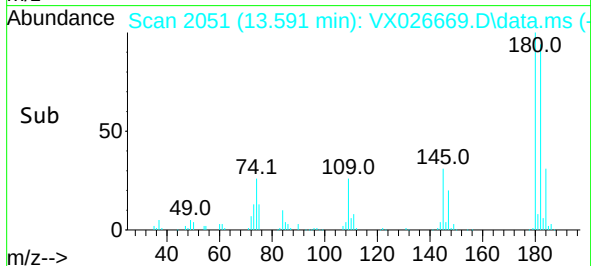
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



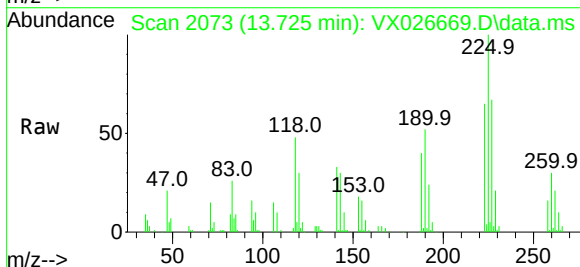
Tgt Ion:180 Resp: 72168
Ion Ratio Lower Upper
180 100
182 94.2 46.7 140.0
145 31.7 16.3 48.8

Manual Integrations
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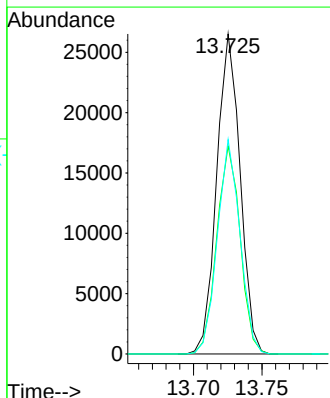
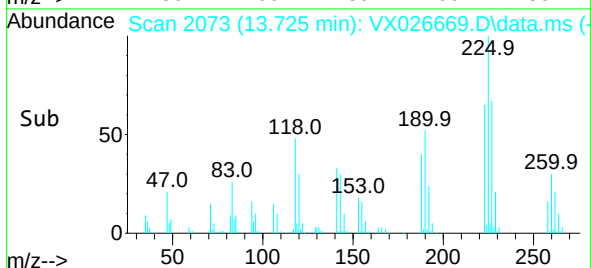
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022

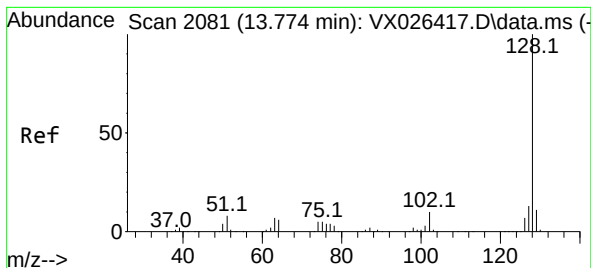


#94
Hexachlorobutadiene
Concen: 57.137 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32



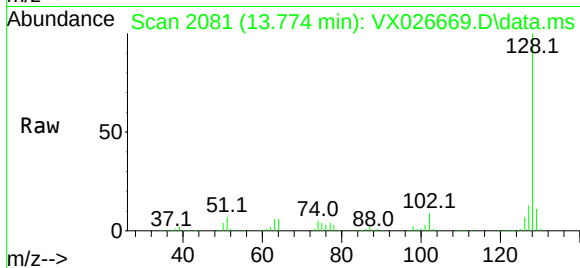
Tgt Ion:225 Resp: 31430
Ion Ratio Lower Upper
225 100
223 64.9 32.0 96.0
227 64.8 32.3 96.9





#95
Naphthalene
Concen: 53.533 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32

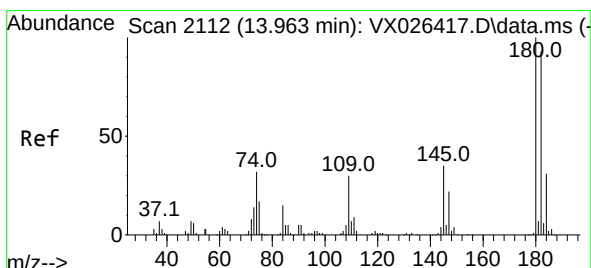
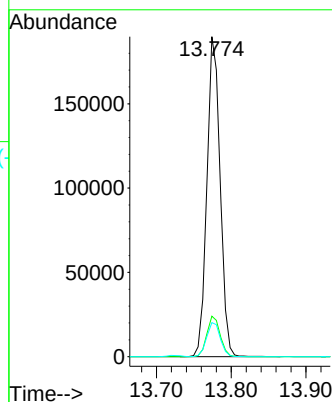
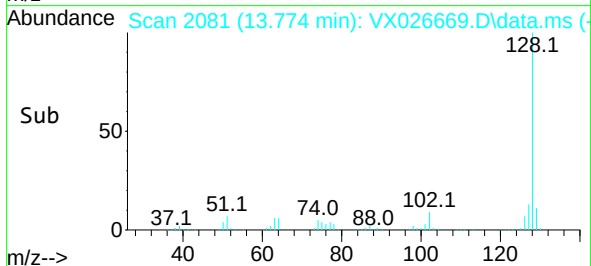
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



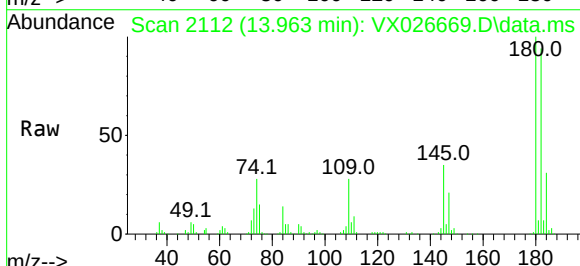
Tgt Ion:128 Resp: 232679
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/04/2022



#96
1,2,3-Trichlorobenzene
Concen: 55.068 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX026669.D
Acq: 31 Jan 2022 10:32



Tgt Ion:180 Resp: 70570
Ion Ratio Lower Upper
180 100
182 95.1 47.2 141.6
145 34.7 17.5 52.5

