

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030322\
 Data File : VX027273.D
 Acq On : 03 Mar 2022 16:19
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/04/2022
 Supervised By : Mahesh Dadoda 03/04/2022

Quant Time: Mar 04 00:47:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 04 00:46:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	12835	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	6.757	114	68513	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	61891	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	26063	28.320	ug/l	-0.01
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.400%		
60) 4-Bromofluorobenzene	11.079	95	29669	29.630	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.767%		
63) Toluene-d8	8.647	98	81670	29.223	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	3924	5.221	ug/l	99
3) Chloromethane	1.295	50	3517	5.105	ug/l	98
4) Vinyl Chloride	1.380	62	3133	4.573	ug/l	94
5) Bromomethane	1.605	94	2026	6.159	ug/l	100
6) Chloroethane	1.685	64	1926	4.769	ug/l	94
7) Trichlorofluoromethane	1.886	101	5160	4.760	ug/l	88
8) Diethyl Ether	2.136	74	1796	4.728	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	3800	5.024	ug/l	97
10) 1,1-Dichloroethene	2.325	96	3683	4.994	ug/l	87
11) Methyl Iodide	2.459	142	2795	2.967	ug/l	97
12) Methyl Acetate	2.709	43	4628	4.357	ug/l	94
13) Acrolein	2.240	56	3670	20.673	ug/l	94
14) Acrylonitrile	3.063	53	10639	22.791	ug/l	98
15) Acetone	2.380	58	3245	25.443	ug/l	98
16) Carbon Disulfide	2.514	76	9656	4.962	ug/l	98
17) Allyl chloride	2.666	41	5828	4.437	ug/l	99
18) Methylene Chloride	2.794	84	4538	5.442	ug/l	90
19) trans-1,2-Dichloroethene	3.093	96	4107	5.096	ug/l	93
20) Diisopropyl ether	3.764	45	11855	4.617	ug/l	89
21) 1,1-Dichloroethane	3.611	63	6727	4.649	ug/l	96
22) cis-1,2-Dichloroethene	4.489	96	4597	4.961	ug/l	98
23) tert-Butyl Alcohol	2.965	59	3896	21.326	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	11646	4.528	ug/l	100
25) Chloroform	5.099	83	7475	5.005	ug/l	92
26) Cyclohexane	5.471	56	6040	4.542	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	5184	4.843	ug/l	99
30) 2-Butanone	4.562	43	15128	23.838	ug/l	97
31) 2,2-Dichloropropane	4.477	77	4887	5.030	ug/l #	71
32) 1,1,1-Trichloroethane	5.385	97	6118	4.790	ug/l	97
33) Carbon Tetrachloride	5.672	117	5636	4.996	ug/l	95
34) Benzene	6.038	78	15412	4.895	ug/l	95
35) Methacrylonitrile	4.916	41	2994	4.528	ug/l	96
36) 1,2-Dichloroethane	6.086	62	5554	4.892	ug/l #	92
37) Trichloroethene	7.123	130	4730	5.111	ug/l	95
38) Methylcyclohexane	7.379	83	6457	4.896	ug/l	98
39) 1,2-Dichloropropane	7.434	63	3694	4.691	ug/l	96
40) Dibromomethane	7.580	93	2853	5.020	ug/l	96
41) Bromodichloromethane	7.824	83	5164	4.784	ug/l	98
42) Vinyl Acetate	3.727	43	46808	21.734	ug/l	100

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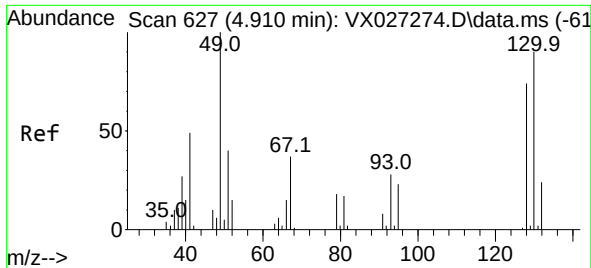
Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/04/2022
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Quant Time: Mar 04 00:47:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030322W.M
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 Response via : Initial Calibration

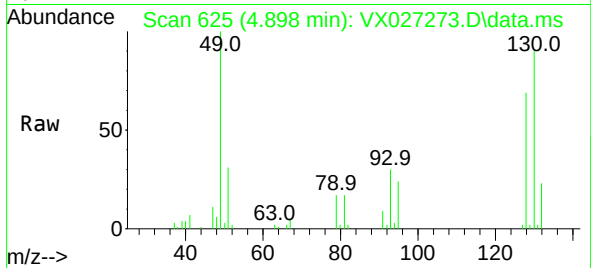
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	5745	4.776	ug/l	# 79
44) Isopropyl Acetate	6.342	43	8054	4.300	ug/l	98
45) 1,4-Dioxane	7.653	88	1842	94.893	ug/l	97
46) Methyl methacrylate	7.696	41	3916	4.255	ug/l	93
47) n-amyl Acetate	10.848	43	6034	4.043	ug/l	96
48) t-1,3-Dichloropropene	8.976	75	4807	4.447	ug/l	93
49) cis-1,3-Dichloropropene	8.366	75	5382	4.414	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	4090	5.247	ug/l	98
51) Ethyl methacrylate	9.116	69	5662	4.574	ug/l	100
52) 1,3-Dichloropropane	9.305	76	6828	5.114	ug/l	97
53) Dibromochloromethane	9.519	129	3981	4.832	ug/l	99
54) 1,2-Dibromoethane	9.610	107	4134	4.923	ug/l	97
55) 2-Chloroethyl vinyl ether	8.238	63	14126	22.722	ug/l	99
56) Bromoform	10.799	173	2852	4.955	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	28144	22.844	ug/l	97
59) 2-Hexanone	9.433	43	20358	21.731	ug/l	98
61) Tetrachloroethene	9.275	164	4653	4.785	ug/l	97
62) Toluene	8.720	91	17354	5.027	ug/l	98
64) Chlorobenzene	10.080	112	11245	5.212	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	4113	5.128	ug/l	95
66) Ethyl Benzene	10.195	91	19128	5.007	ug/l	98
67) m/p-Xylenes	10.305	106	15032	10.160	ug/l	97
68) o-Xylene	10.640	106	7294	5.024	ug/l	99
69) Styrene	10.659	104	11703	4.855	ug/l	99
70) Isopropylbenzene	10.964	105	19474	5.158	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.214	83	5567	5.026	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	5345m	4.845	ug/l	
73) Bromobenzene	11.201	156	4742	5.109	ug/l	98
74) n-propylbenzene	11.305	91	21784	5.051	ug/l	98
75) 2-Chlorotoluene	11.366	91	13273	4.997	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	15797	4.988	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	1164	3.634	ug/l	96
78) 4-Chlorotoluene	11.457	91	15200	5.107	ug/l	100
79) tert-butylbenzene	11.713	119	15220	4.988	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	15801	5.012	ug/l	97
81) sec-Butylbenzene	11.890	105	20418	5.286	ug/l	98
82) p-Isopropyltoluene	12.012	119	16566	5.049	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	9110	5.282	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	9085	5.268	ug/l	99
85) n-Butylbenzene	12.335	91	13108	4.849	ug/l	99
86) Hexachloroethane	12.543	117	2351	4.545	ug/l	94
87) 1,2-Dichlorobenzene	12.335	146	8788	5.253	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	1113	4.134	ug/l	99
89) 1,2,4-Trichlorobenzene	13.591	180	5503	5.177	ug/l	98
90) Hexachlorobutadiene	13.725	225	2527	5.665	ug/l	100
91) Naphthalene	13.780	128	16982	4.591	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	5791	5.397	ug/l	96

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

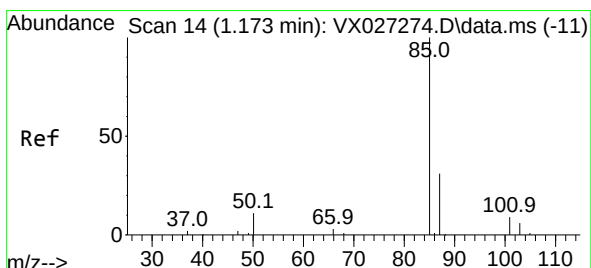
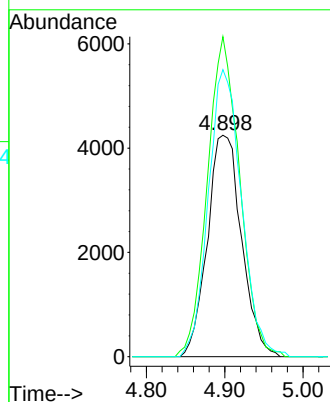
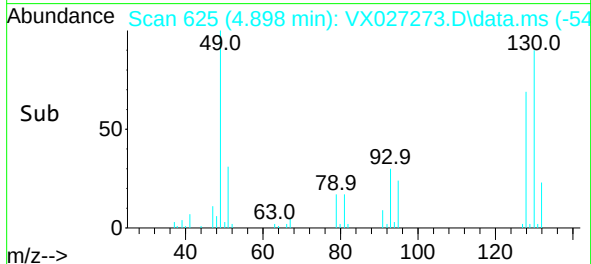
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 1283
Ion Ratio Lower Upper
128 100
49 137.4 0.0 358.3
130 126.2 0.0 319.3

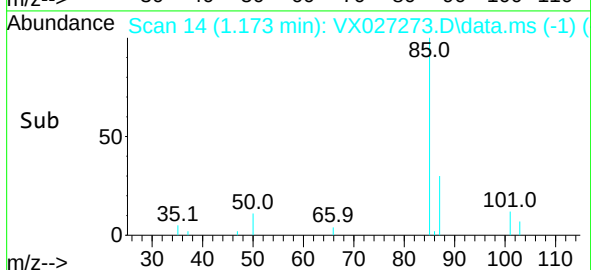
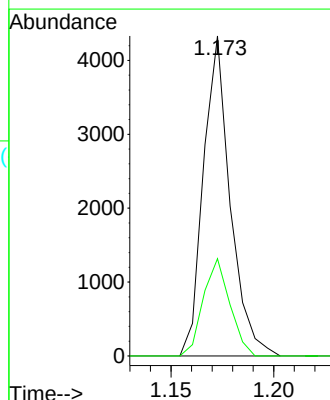
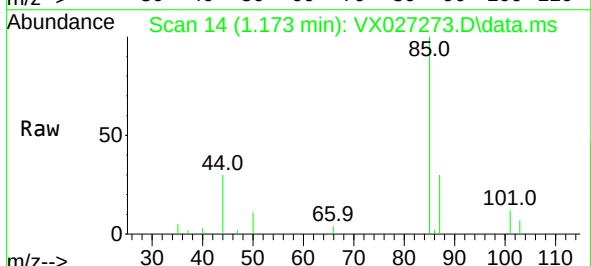
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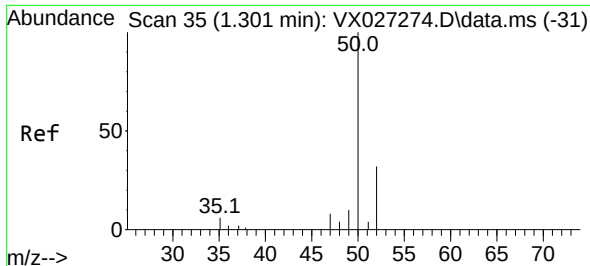
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#2
Dichlorodifluoromethane
Concen: 5.221 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

Tgt Ion: 85 Resp: 3924
Ion Ratio Lower Upper
85 100
87 30.4 15.6 46.8





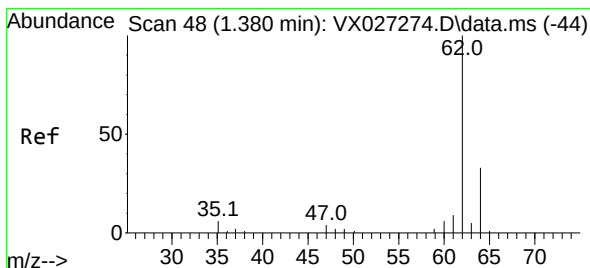
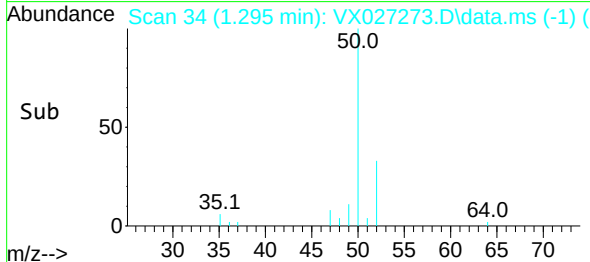
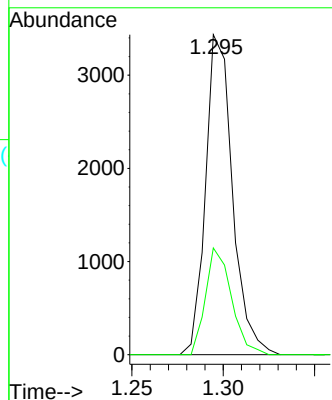
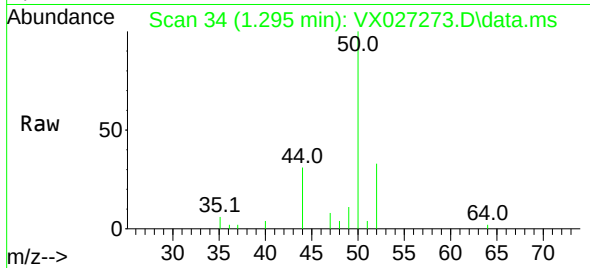
#3
Chloromethane
Concen: 5.105 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 351
Ion Ratio Lower Upper
50 100
52 33.4 25.6 38.4

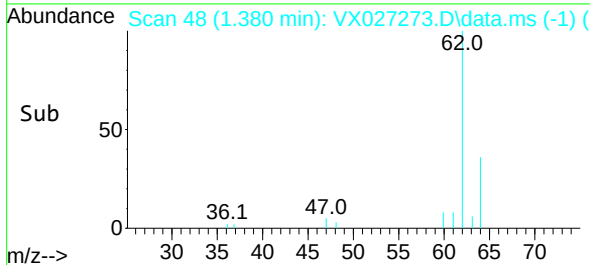
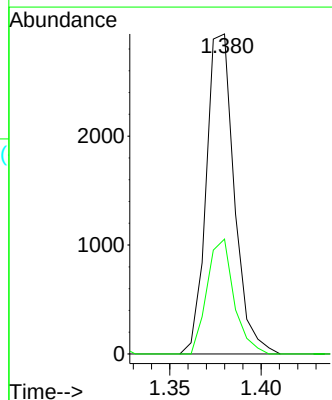
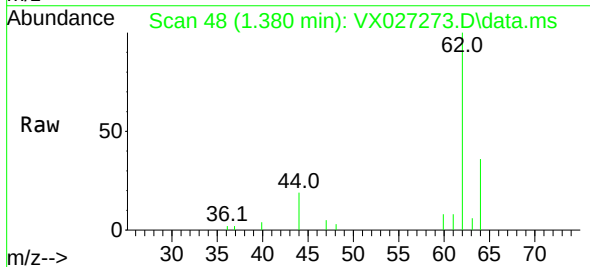
Manual Integrations
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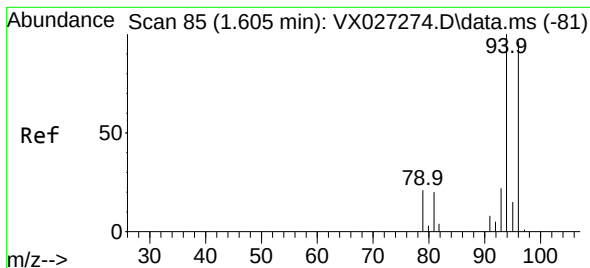
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#4
Vinyl Chloride
Concen: 4.573 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

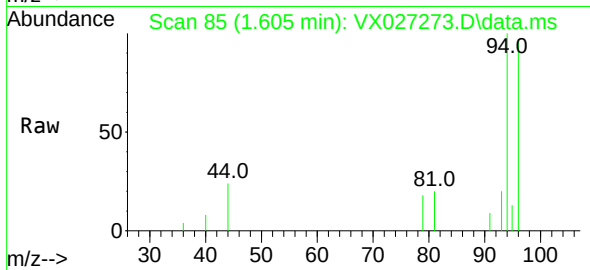
Tgt Ion: 62 Resp: 3133
Ion Ratio Lower Upper
62 100
64 35.9 26.2 39.2





#5
Bromomethane
Concen: 6.159 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

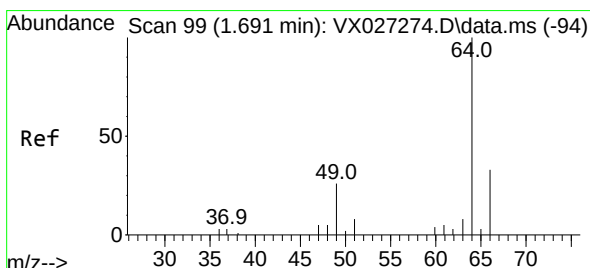
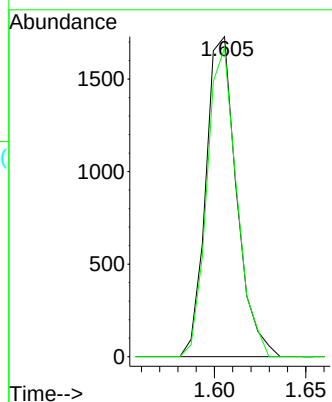
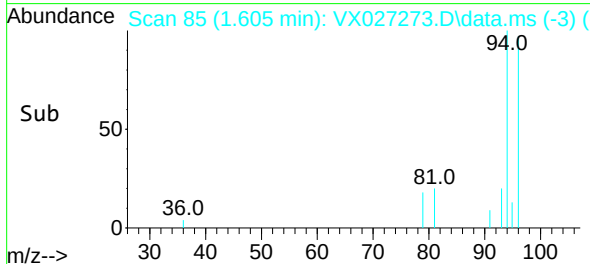
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



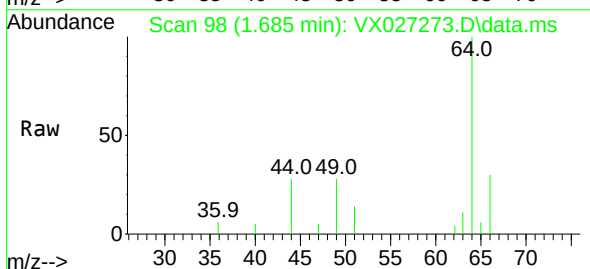
Tgt Ion: 94 Resp: 2020
Ion Ratio Lower Upper
94 100
96 96.5 77.0 115.6

Manual Integrations
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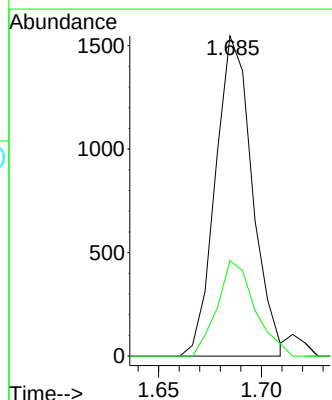
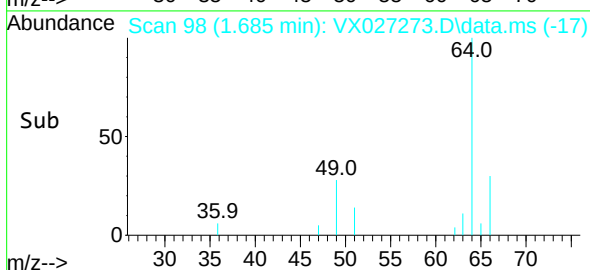
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

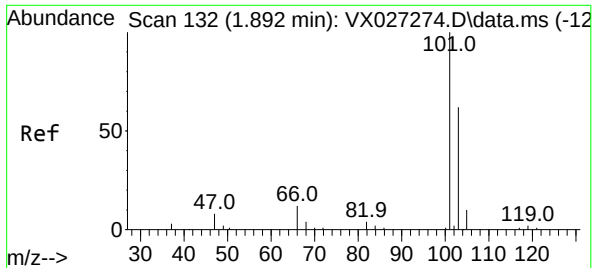


#6
Chloroethane
Concen: 4.769 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19



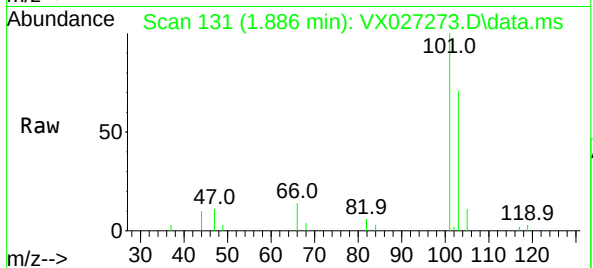
Tgt Ion: 64 Resp: 1926
Ion Ratio Lower Upper
64 100
66 29.8 26.4 39.6





#7
Trichlorofluoromethane
Concen: 4.760 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

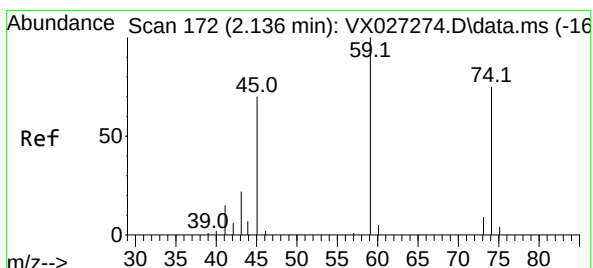
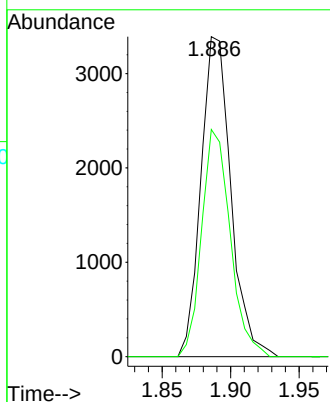
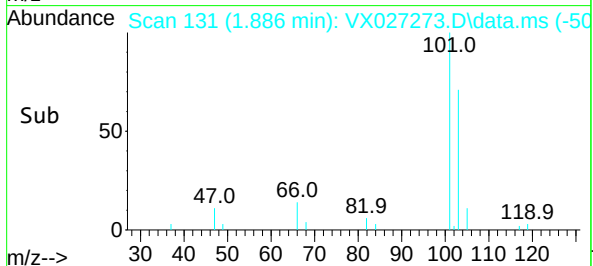
Instrument :
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VSTDICC005



Tgt Ion:101 Resp: 5160
Ion Ratio Lower Upper
101 100
103 71.0 49.6 74.4

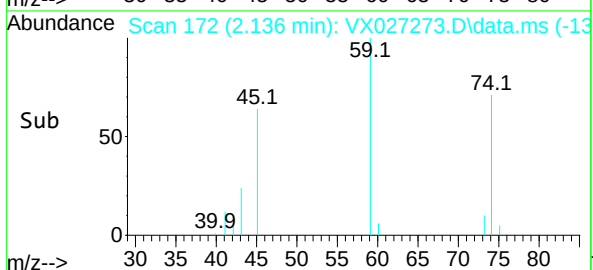
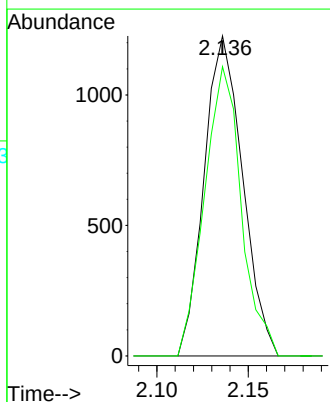
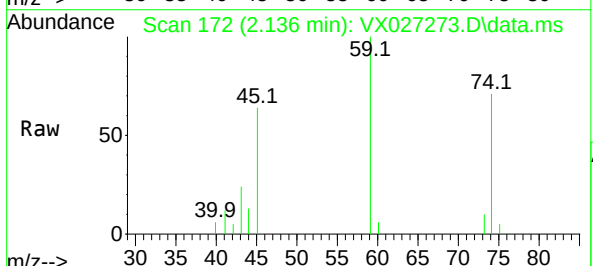
Manual Integrations
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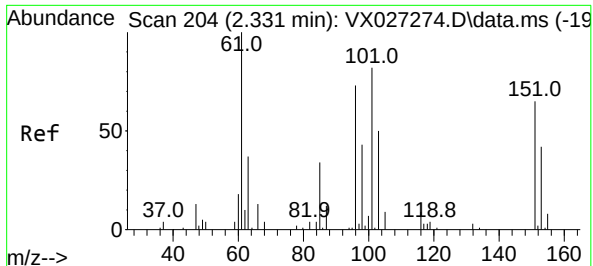
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#8
Diethyl Ether
Concen: 4.728 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

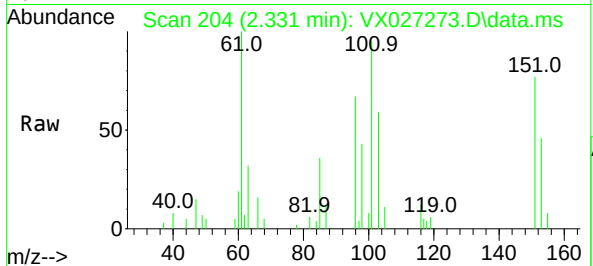
Tgt Ion: 74 Resp: 1796
Ion Ratio Lower Upper
74 100
45 86.2 18.7 168.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.024 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

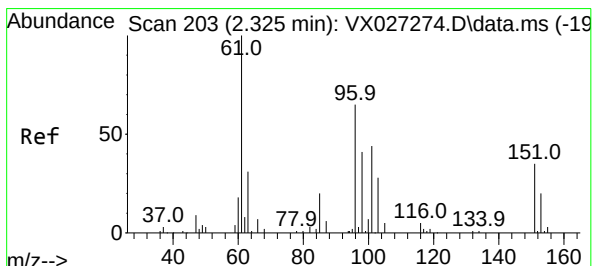
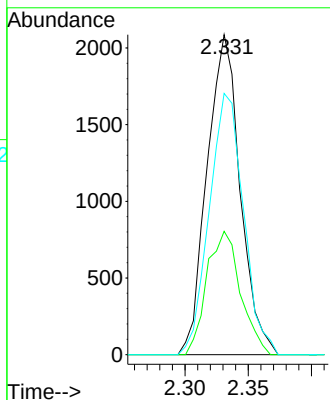
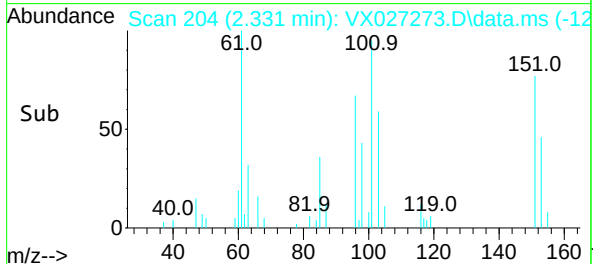
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



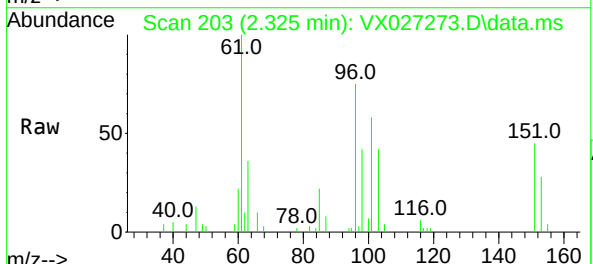
Tgt Ion:101 Resp: 3800
Ion Ratio Lower Upper
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151 84.3 0.0 165.4

Manual Integrations
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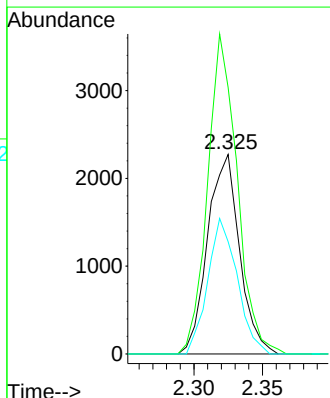
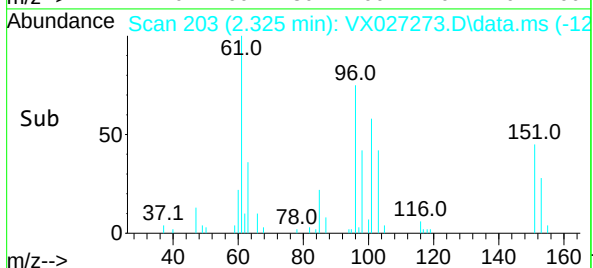
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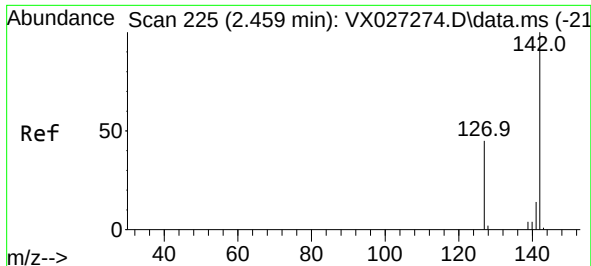


#10
1,1-Dichloroethene
Concen: 4.994 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19



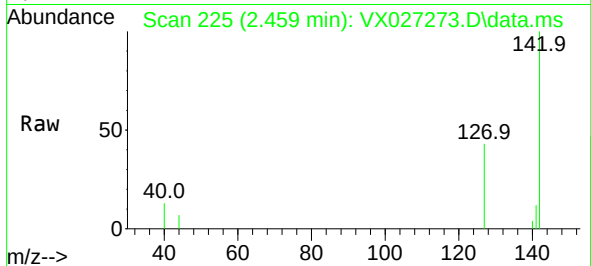
Tgt Ion: 96 Resp: 3683
Ion Ratio Lower Upper
96 100
61 133.6 122.6 183.8
98 56.3 50.1 75.1





#11
Methyl Iodide
Concen: 2.967 ug/l
RT: 2.459 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

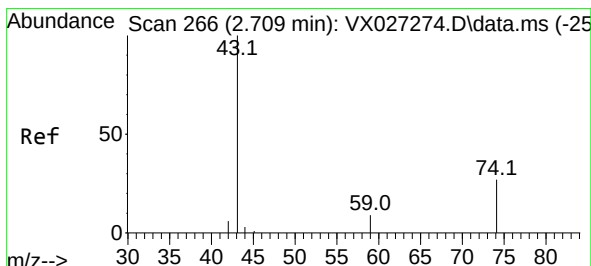
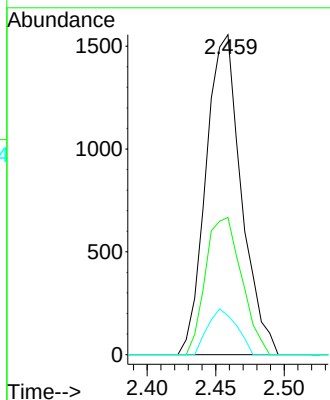
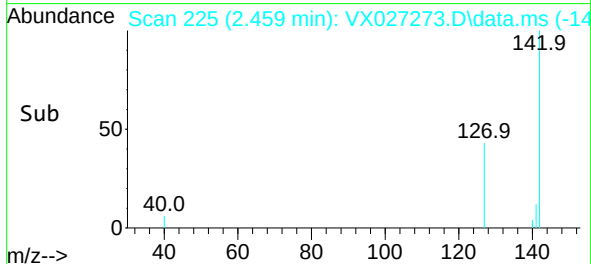
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



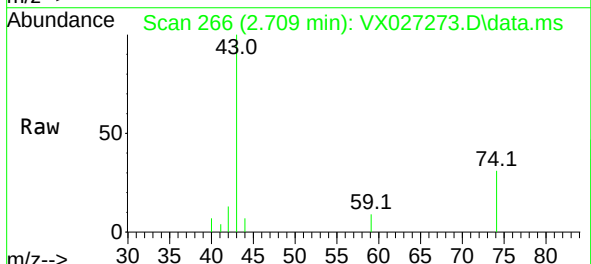
Tgt Ion:142 Resp: 279
Ion Ratio Lower Upper
142 100
127 42.9 22.3 66.9
141 12.1 7.0 20.9

Manual Integrations
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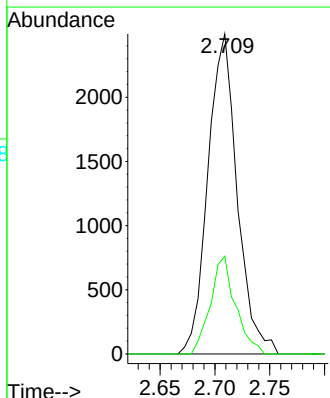
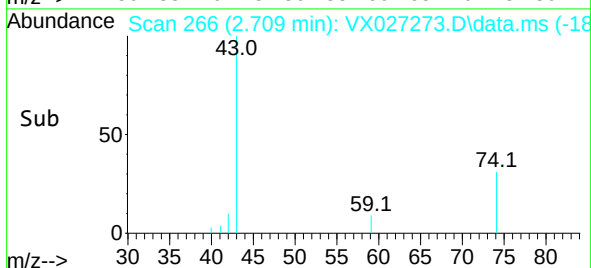
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

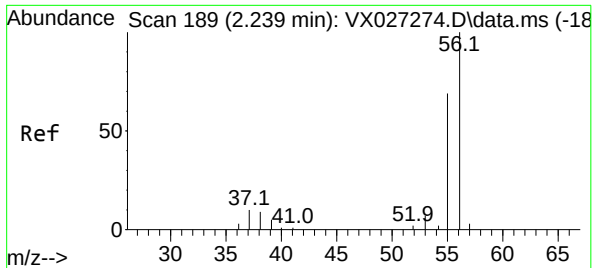


#12
Methyl Acetate
Concen: 4.357 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19



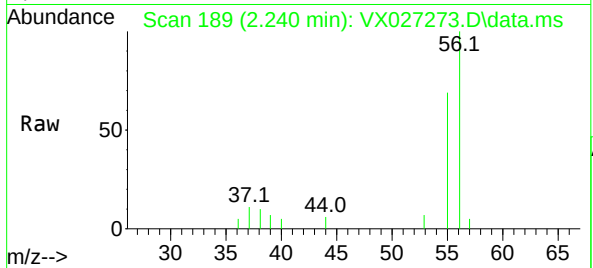
Tgt Ion: 43 Resp: 4628
Ion Ratio Lower Upper
43 100
74 30.5 22.1 33.1





#13
Acrolein
Concen: 20.673 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

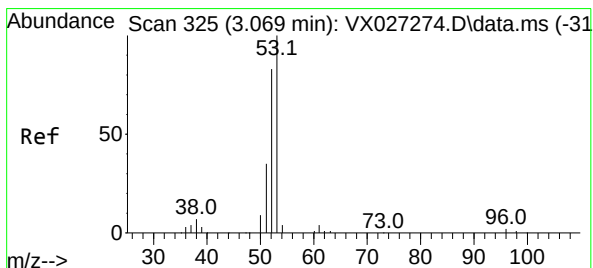
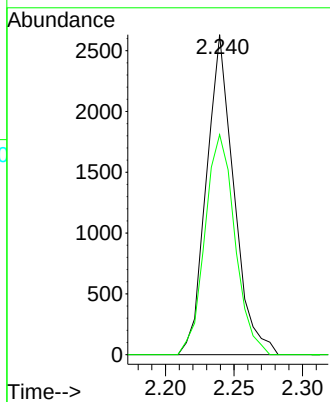
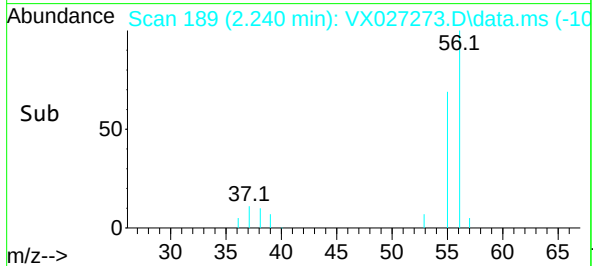
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



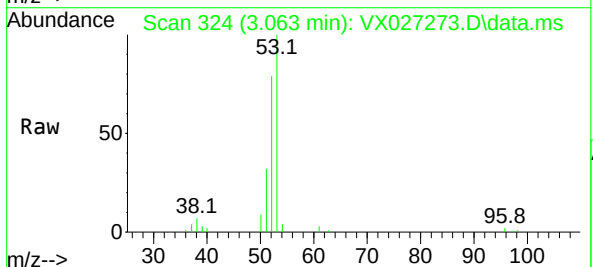
Tgt Ion: 56 Resp: 3670
Ion Ratio Lower Upper
56 100
55 75.1 56.4 84.6

Manual Integrations
APPROVED

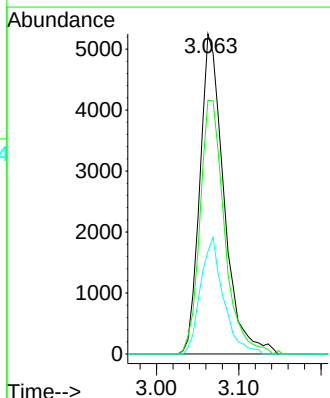
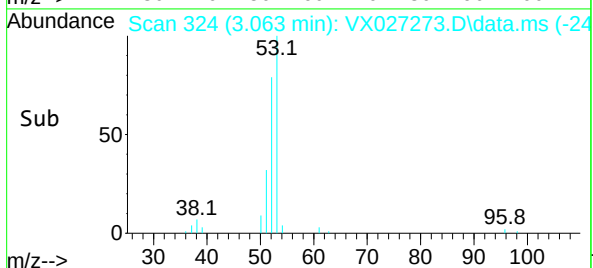
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

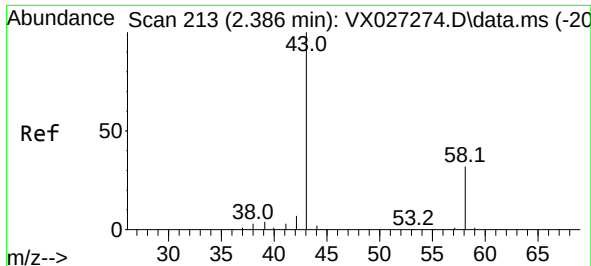


#14
Acrylonitrile
Concen: 22.791 ug/l
RT: 3.063 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19



Tgt Ion: 53 Resp: 10639
Ion Ratio Lower Upper
53 100
52 80.8 41.5 124.5
51 34.8 18.1 54.4





#15

Acetone

Concen: 25.443 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 58 Resp: 324

Ion Ratio Lower Upper

58 100

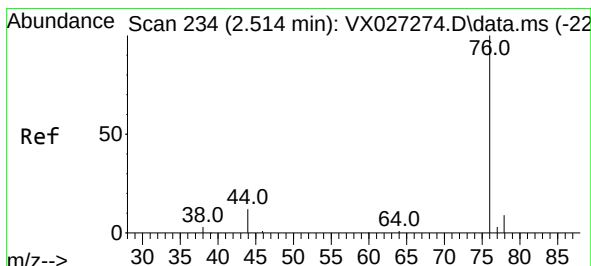
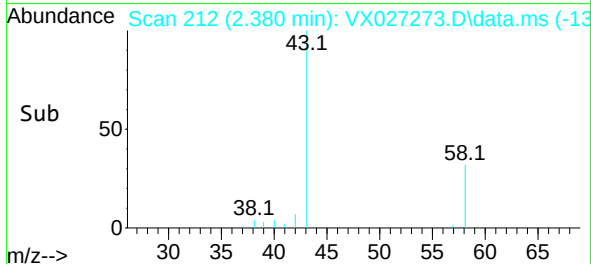
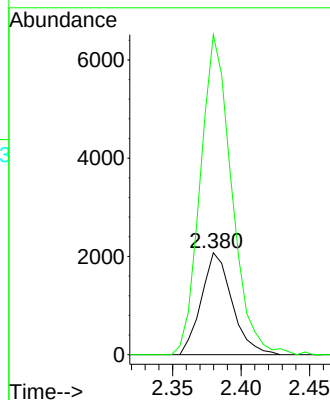
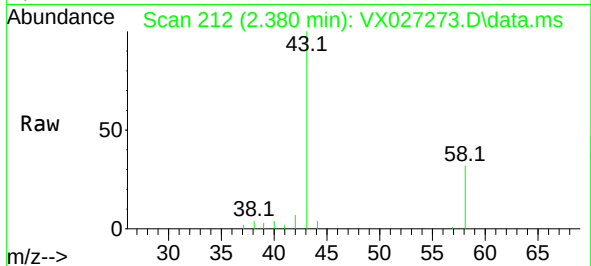
43 307.9 250.2 375.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#16

Carbon Disulfide

Concen: 4.962 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX027273.D

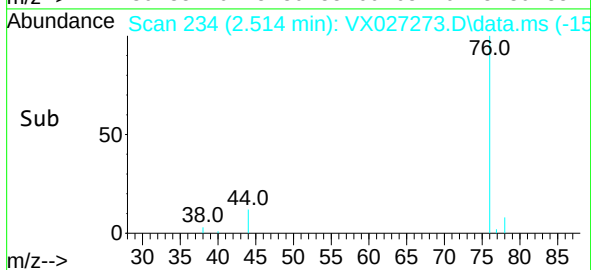
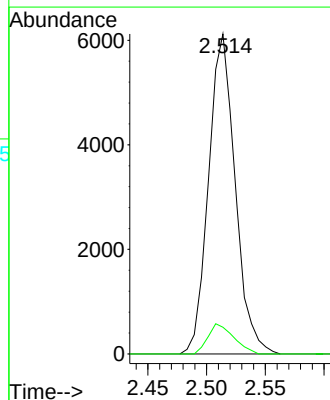
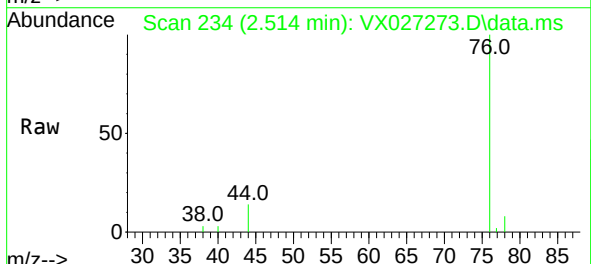
Acq: 03 Mar 2022 16:19

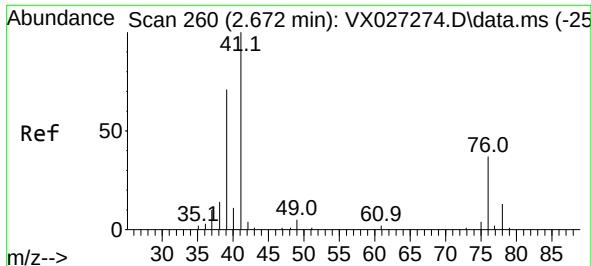
Tgt Ion: 76 Resp: 9656

Ion Ratio Lower Upper

76 100

78 8.3 7.1 10.7





#17
 Allyl chloride
 Concen: 4.437 ug/l
 RT: 2.666 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX027273.D
 Acq: 03 Mar 2022 16:19

Instrument :

MSVOA_X

Client Sample Id :

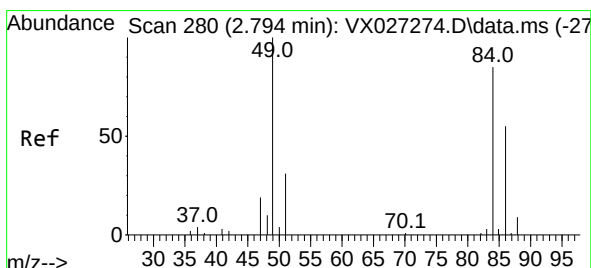
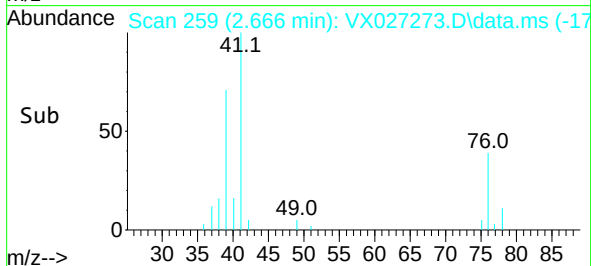
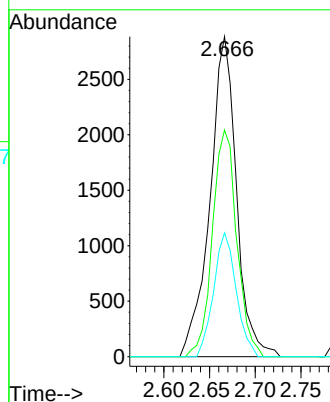
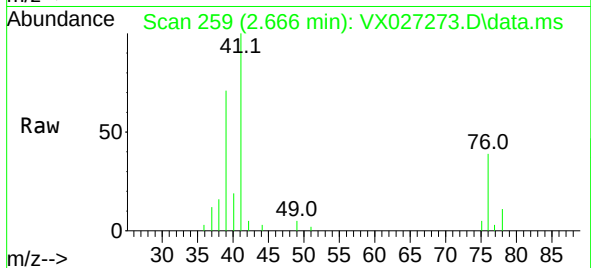
VSTDIC005

Tgt Ion: 41 Resp: 5828
 Ion Ratio Lower Upper
 41 100
 39 70.8 35.4 106.1
 76 38.7 18.4 55.4

Manual Integrations

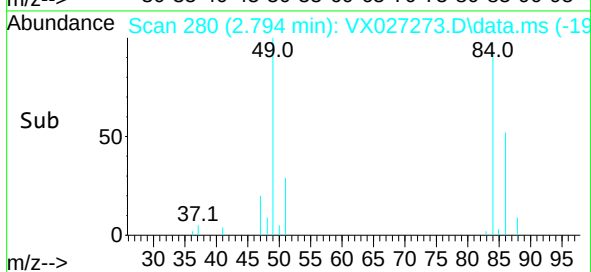
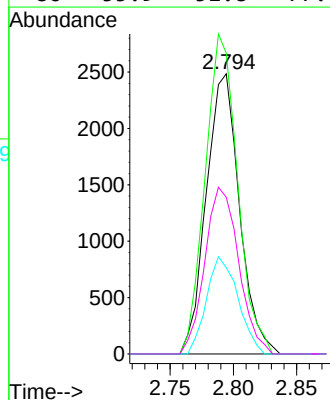
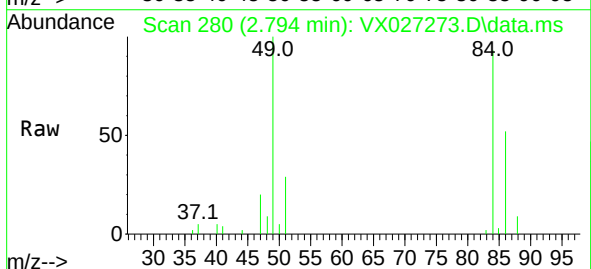
APPROVED

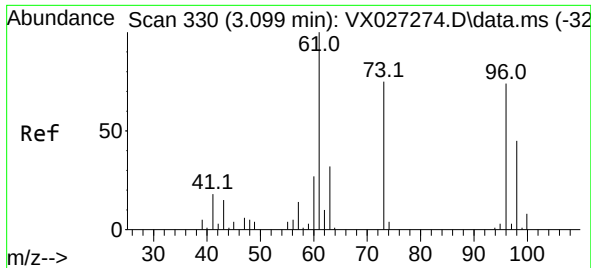
Reviewed By :John Carlone 03/04/2022
 Supervised By :Mahesh Dadoda 03/04/2022



#18
 Methylene Chloride
 Concen: 5.442 ug/l
 RT: 2.794 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VX027273.D
 Acq: 03 Mar 2022 16:19

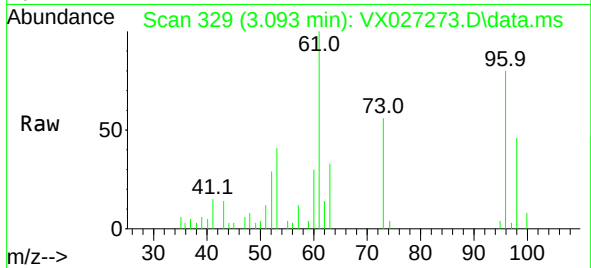
Tgt Ion: 84 Resp: 4538
 Ion Ratio Lower Upper
 84 100
 49 107.3 94.2 141.2
 51 30.8 29.2 43.8
 86 55.9 51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 5.096 ug/l
RT: 3.093 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

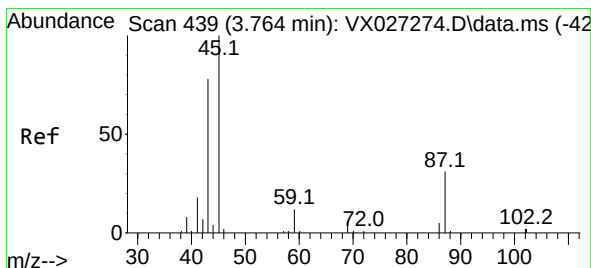
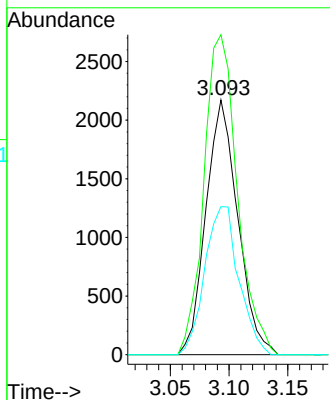
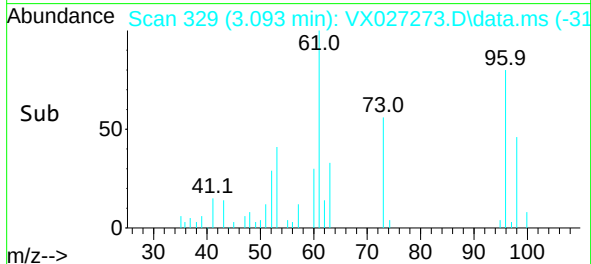
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



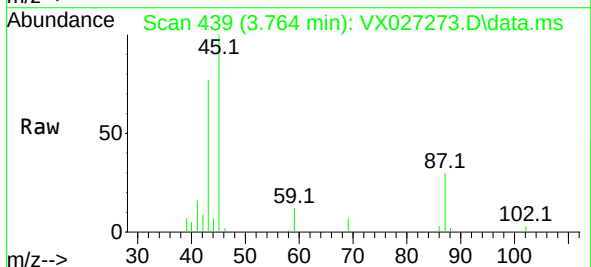
Tgt Ion: 96 Resp: 410
Ion Ratio Lower Upper
96 100
61 125.6 108.7 163.1
98 58.1 49.2 73.8

Manual Integrations
APPROVED

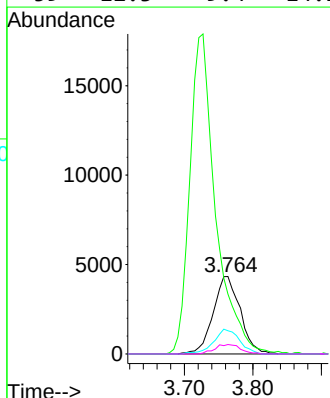
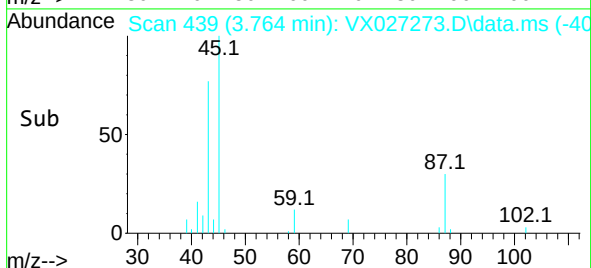
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

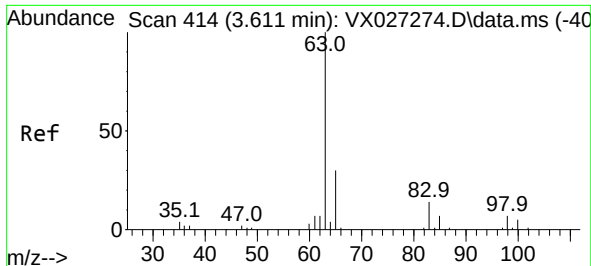


#20
Diisopropyl ether
Concen: 4.617 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19



Tgt Ion: 45 Resp: 11855
Ion Ratio Lower Upper
45 100
43 73.9 70.3 105.5
87 29.9 24.5 36.7
59 12.3 9.4 14.2





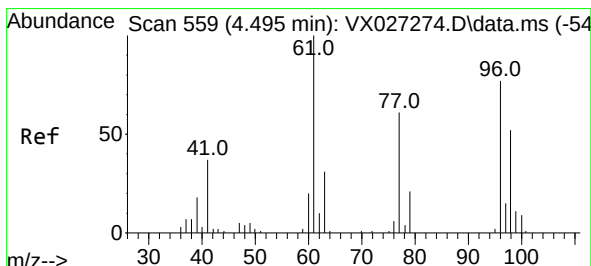
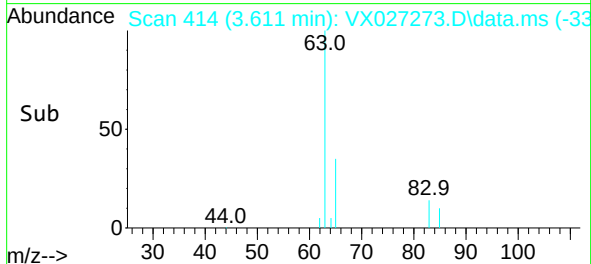
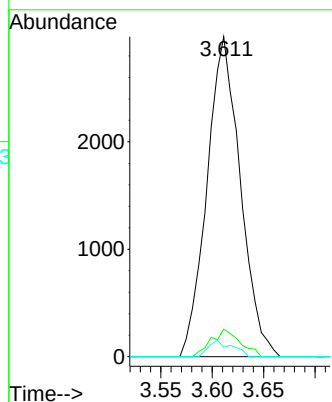
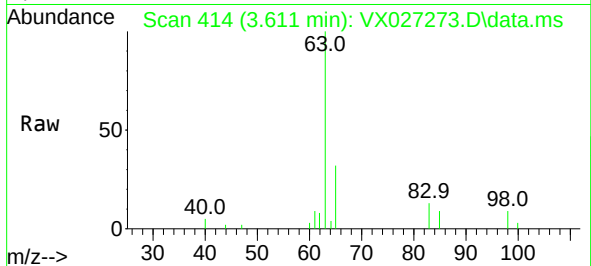
#21
1,1-Dichloroethane
Concen: 4.649 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 672
Ion Ratio Lower Upper
63 100
98 8.6 3.8 11.2
100 3.0 2.5 7.5

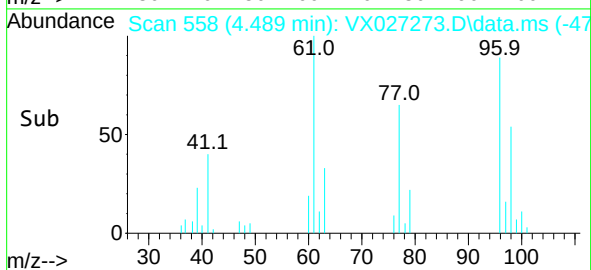
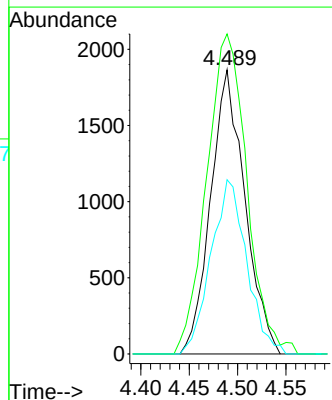
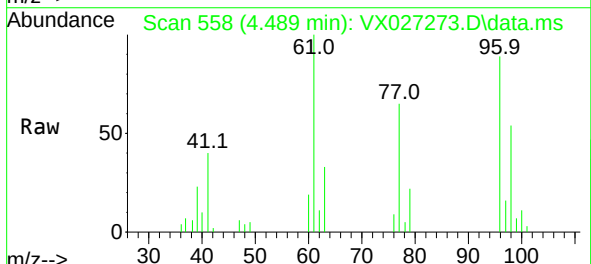
Manual Integrations
APPROVED

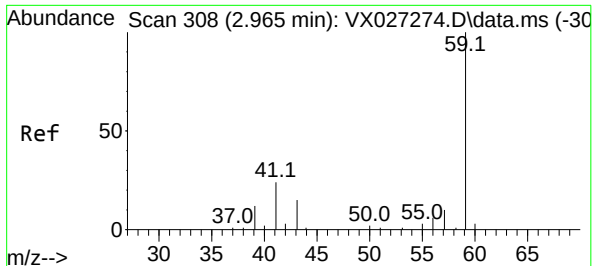
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#22
cis-1,2-Dichloroethene
Concen: 4.961 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

Tgt Ion: 96 Resp: 4597
Ion Ratio Lower Upper
96 100
61 130.7 107.4 161.2
98 64.0 51.1 76.7





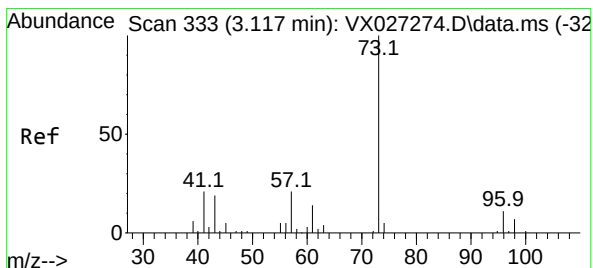
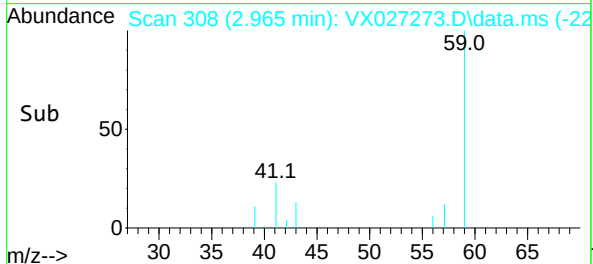
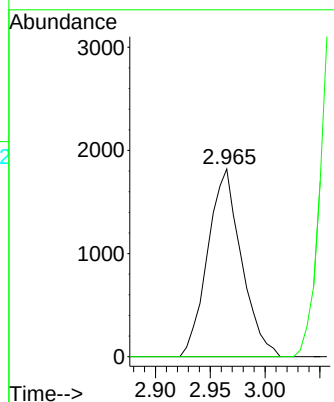
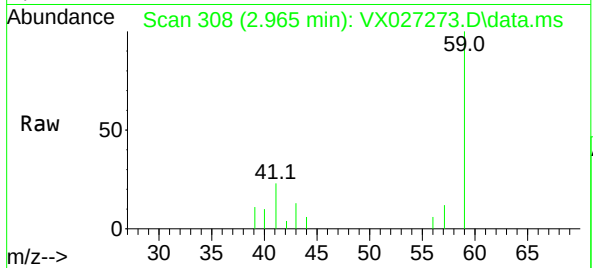
#23
tert-Butyl Alcohol
Concen: 21.326 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 3890
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

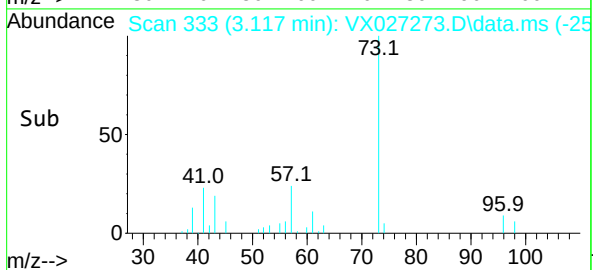
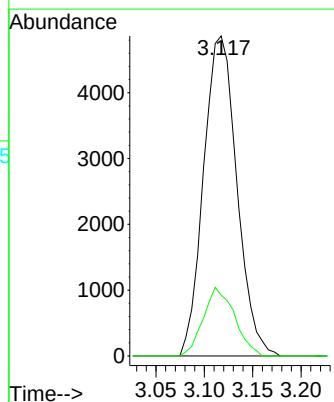
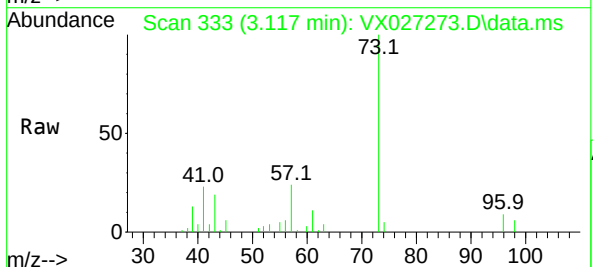
Manual Integrations
APPROVED

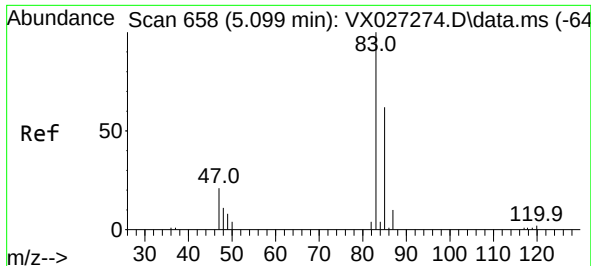
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#24
Methyl tert-Butyl Ether
Concen: 4.528 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

Tgt Ion: 73 Resp: 11646
Ion Ratio Lower Upper
73 100
43 20.1 16.0 24.0





#25

Chloroform

Concen: 5.005 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 747

Ion Ratio Lower Upper

83 100

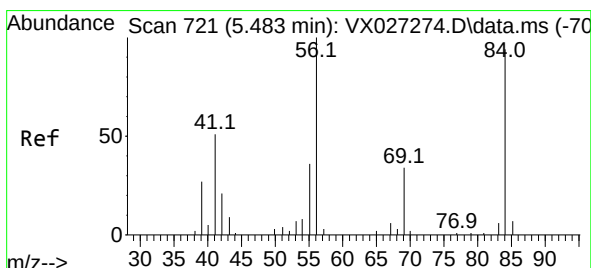
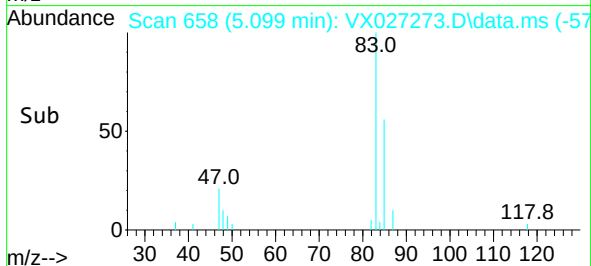
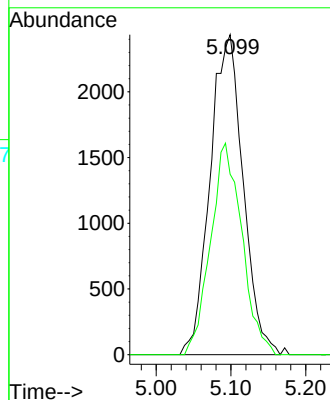
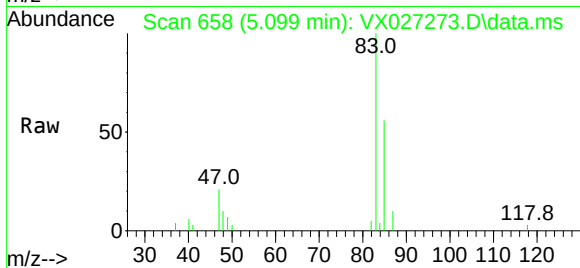
85 56.4 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#26

Cyclohexane

Concen: 4.542 ug/l

RT: 5.471 min Scan# 719

Delta R.T. -0.012 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

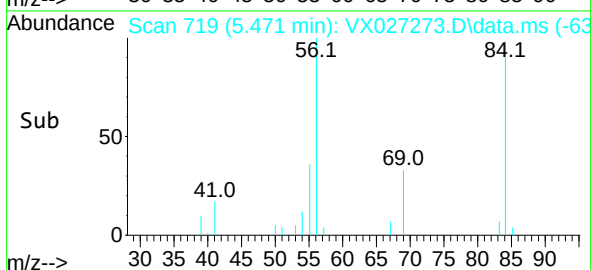
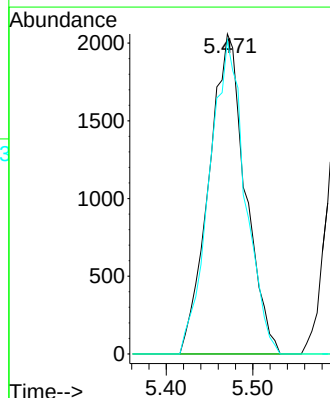
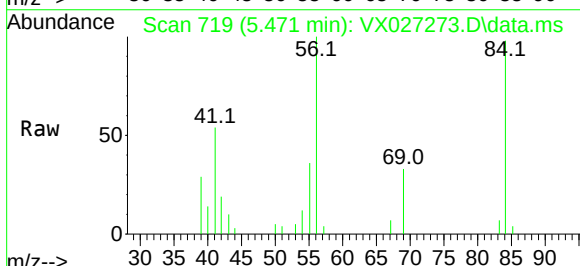
Tgt Ion: 56 Resp: 6040

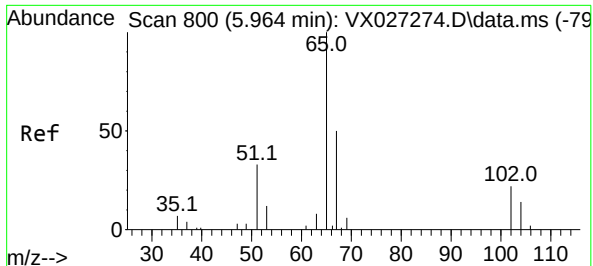
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 96.2 76.2 114.2





#27

1,2-Dichloroethane-d4

Concen: 28.320 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.012 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 2606

Ion Ratio Lower Upper

65 100

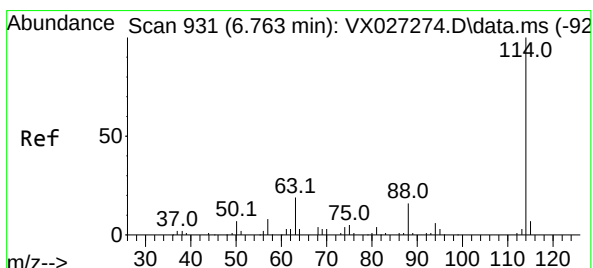
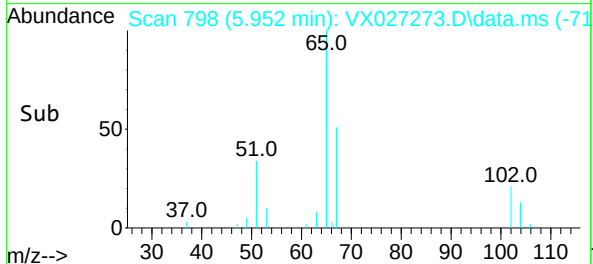
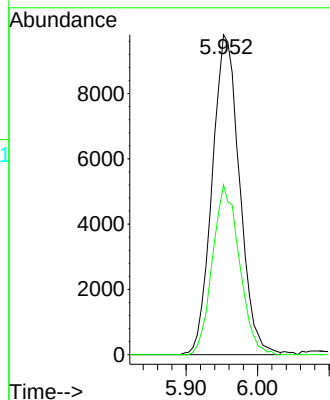
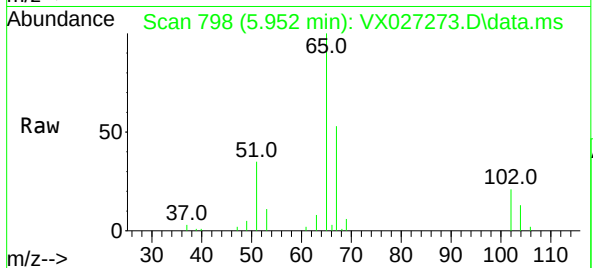
67 52.0 42.3 63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

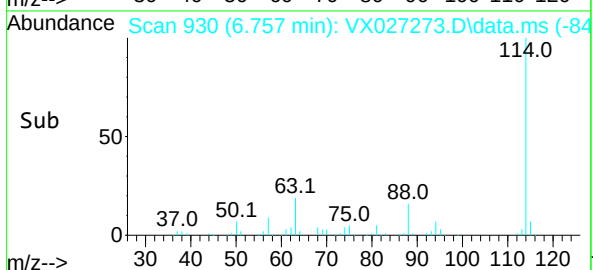
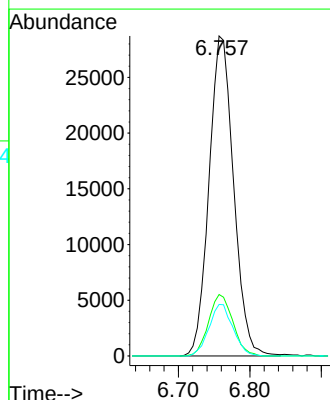
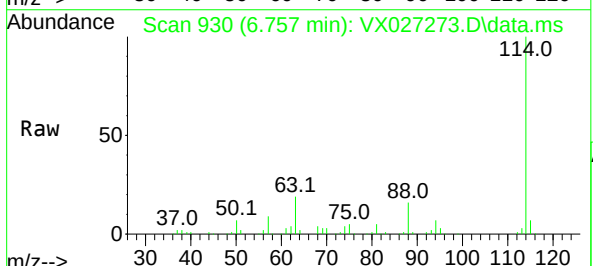
Tgt Ion:114 Resp: 68513

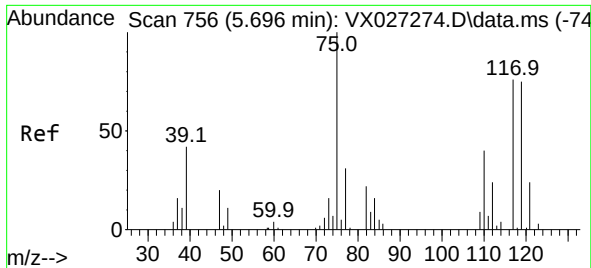
Ion Ratio Lower Upper

114 100

63 19.0 15.3 22.9

88 15.8 12.2 18.4





#29

1,1-Dichloropropene

Concen: 4.843 ug/l

RT: 5.690 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

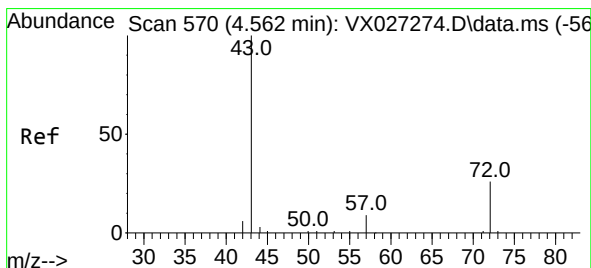
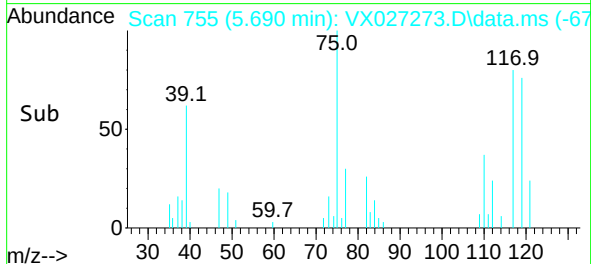
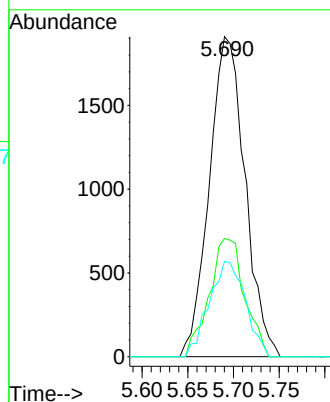
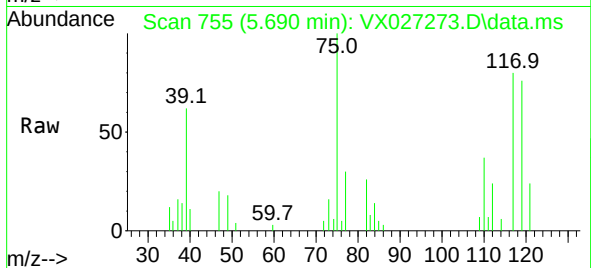
Tgt Ion: 75	Resp: 5184
Ion Ratio	Lower Upper
75 100	
110 36.6	0.0 73.6
77 30.2	0.0 62.2

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#30

2-Butanone

Concen: 23.838 ug/l

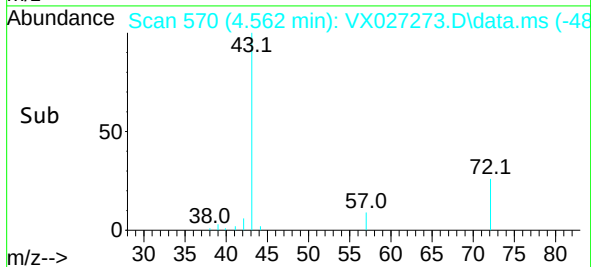
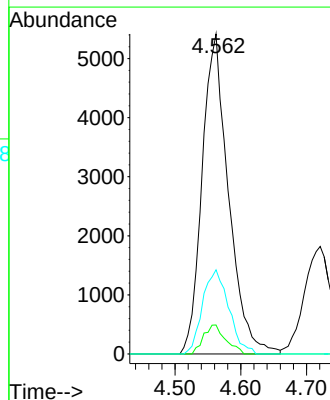
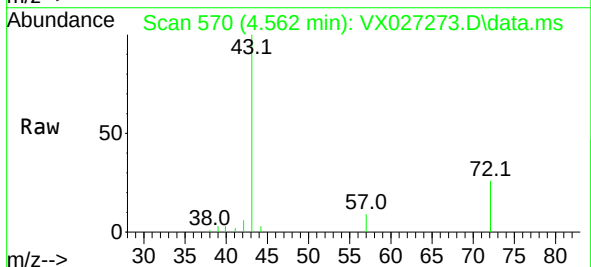
RT: 4.562 min Scan# 570

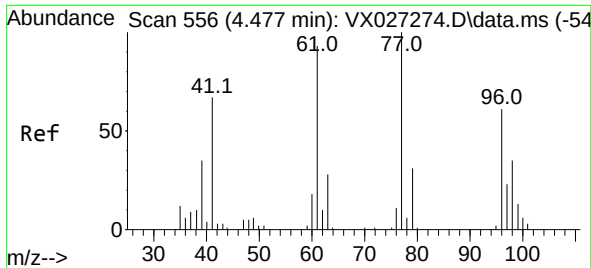
Delta R.T. 0.000 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

Tgt Ion: 43	Resp: 15128
Ion Ratio	Lower Upper
43 100	
57 7.5	6.6 10.0
72 26.1	22.1 33.1





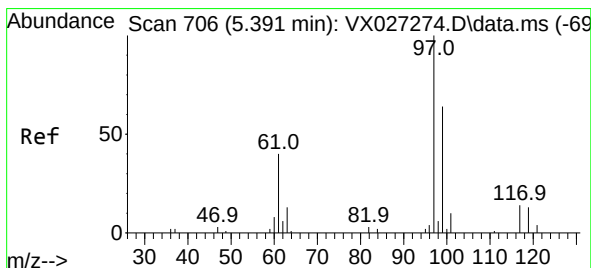
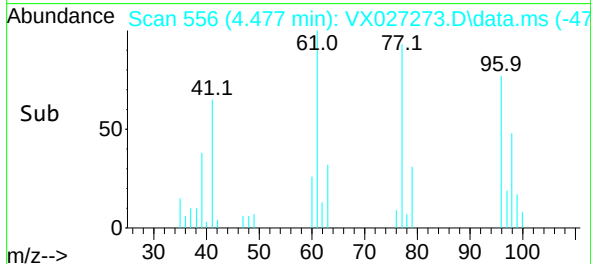
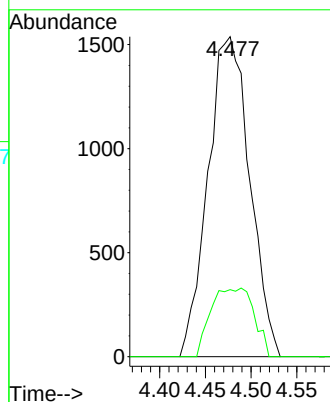
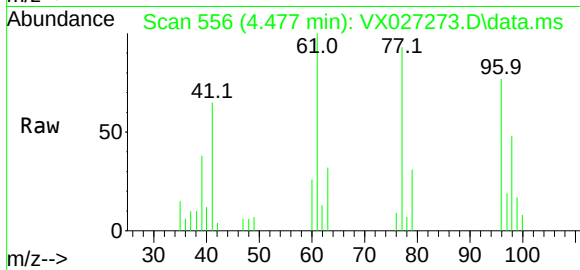
#31
2,2-Dichloropropane
Concen: 5.030 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 77 Resp: 488
Ion Ratio Lower Upper
77 100
97 8.8 18.4 27.6

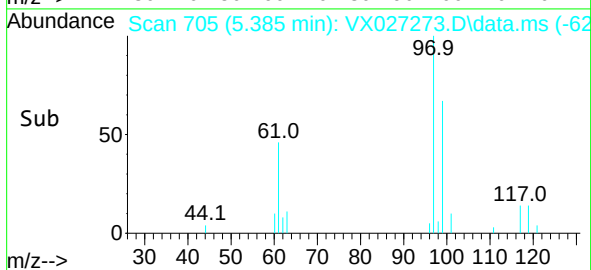
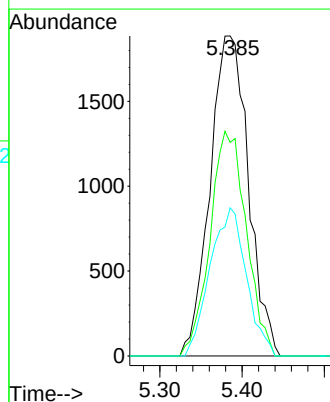
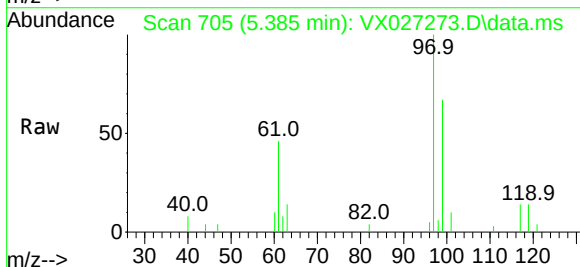
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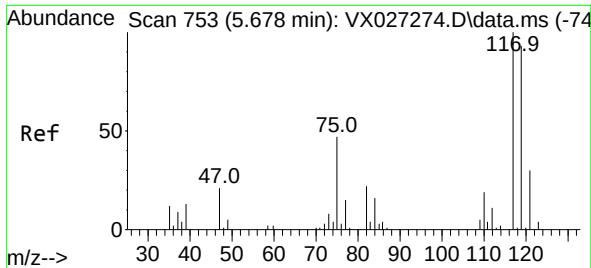
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#32
1,1,1-Trichloroethane
Concen: 4.790 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

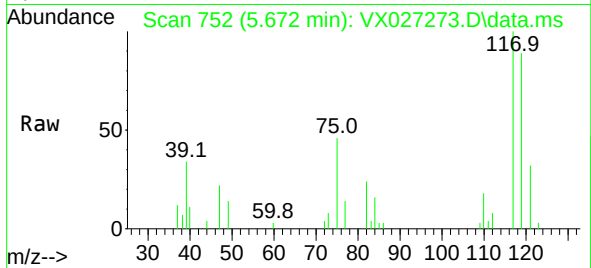
Tgt Ion: 97 Resp: 6118
Ion Ratio Lower Upper
97 100
99 66.4 51.8 77.8
61 43.7 33.4 50.0





#33
Carbon Tetrachloride
Concen: 4.996 ug/l
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

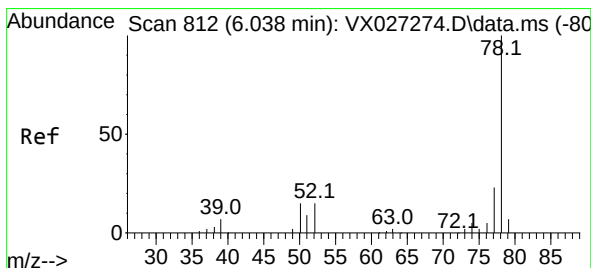
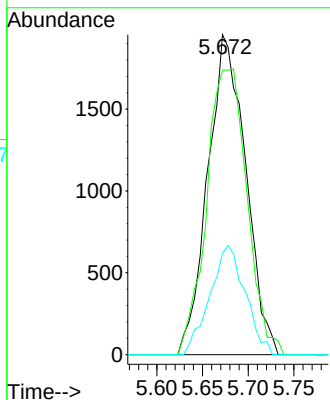
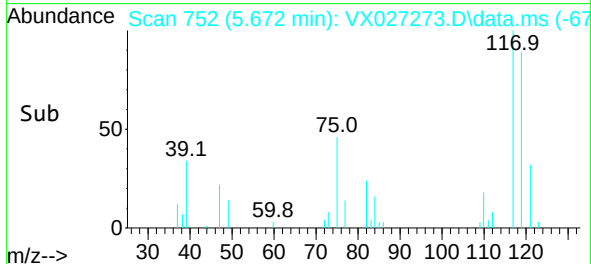
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 5630
Ion Ratio Lower Upper
117 100
119 89.0 75.3 112.9
121 31.7 24.1 36.1

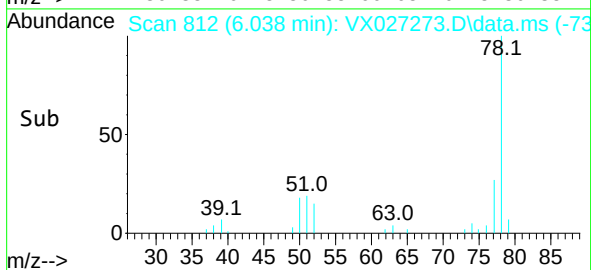
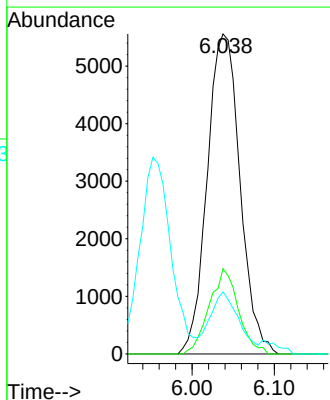
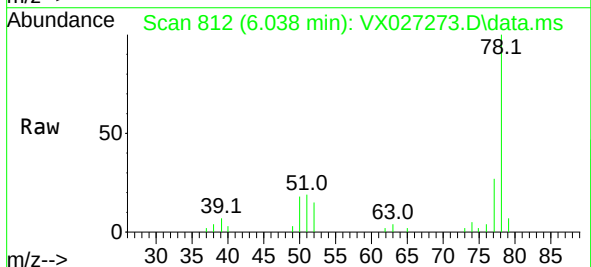
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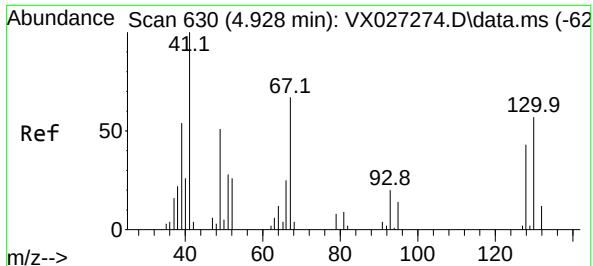
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#34
Benzene
Concen: 4.895 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

Tgt Ion: 78 Resp: 15412
Ion Ratio Lower Upper
78 100
77 26.6 18.5 27.7
51 17.3 12.9 19.3





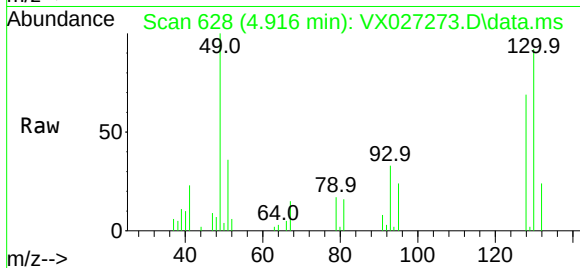
#35
Methacrylonitrile
Concen: 4.528 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



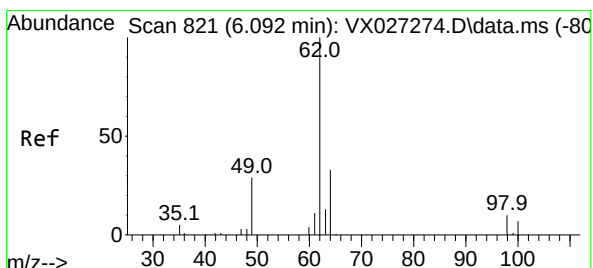
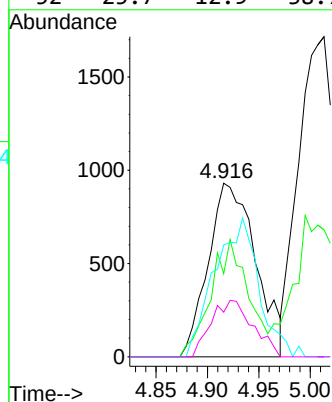
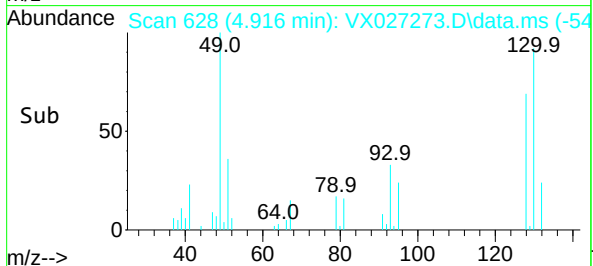
Tgt Ion: 41 Resp: 2994
Ion Ratio Lower Upper
41 100
39 48.0 27.0 81.0
67 64.4 33.3 99.8
52 25.7 12.9 38.7

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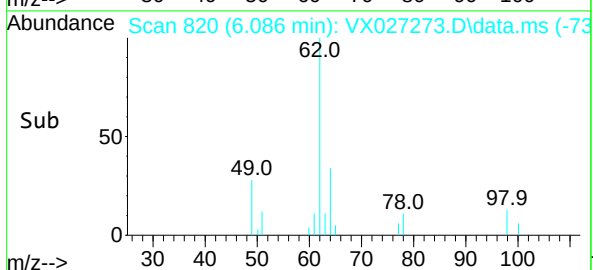
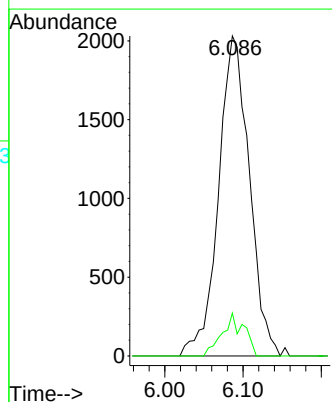
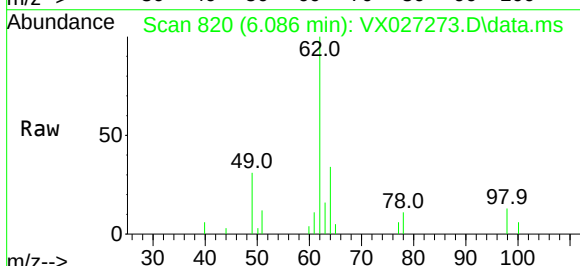
Reviewed By :John Carlone 03/04/2022

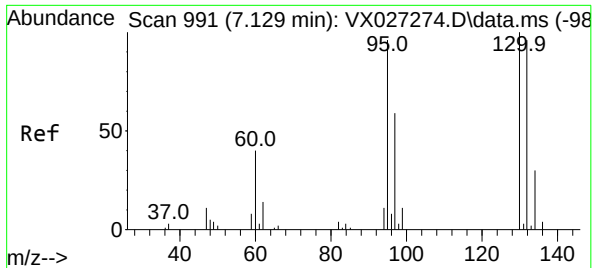
Supervised By :Mahesh Dadoda 03/04/2022



#36
1,2-Dichloroethane
Concen: 4.892 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

Tgt Ion: 62 Resp: 5554
Ion Ratio Lower Upper
62 100
98 6.3 7.4 11.0#





#37

Trichloroethene

Concen: 5.111 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 4730

Ion Ratio Lower Upper

130 100

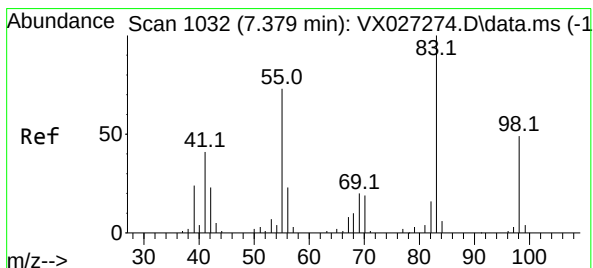
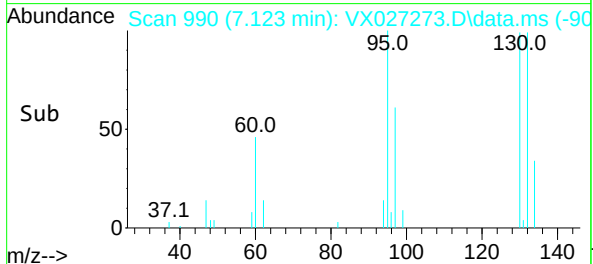
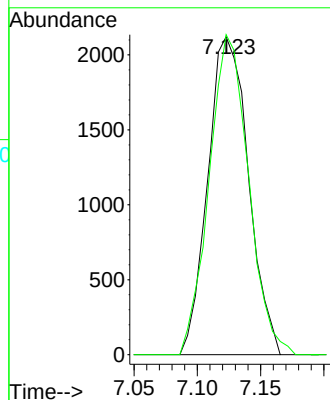
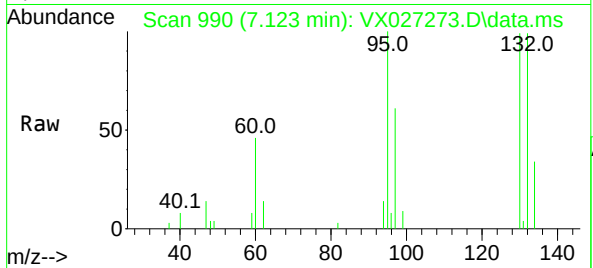
95 100.7 76.5 114.7

Manual Integrations

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Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#38

Methylcyclohexane

Concen: 4.896 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

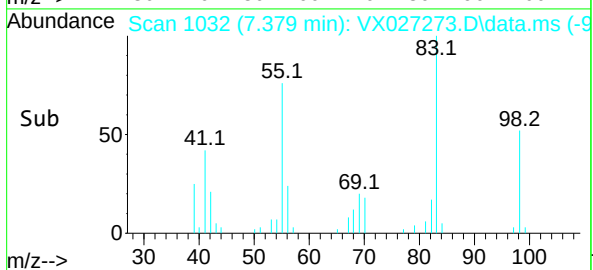
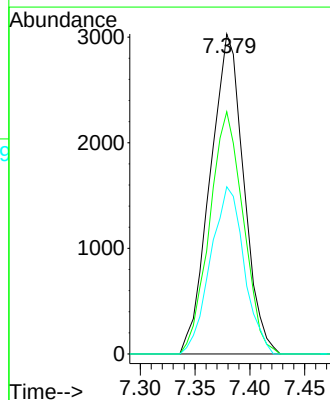
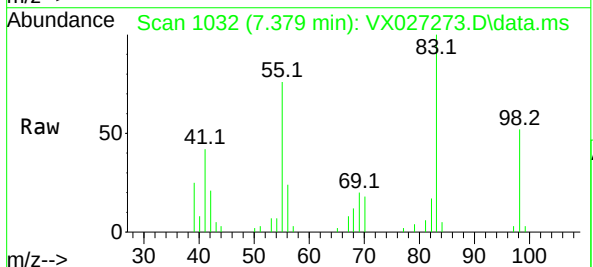
Tgt Ion: 83 Resp: 6457

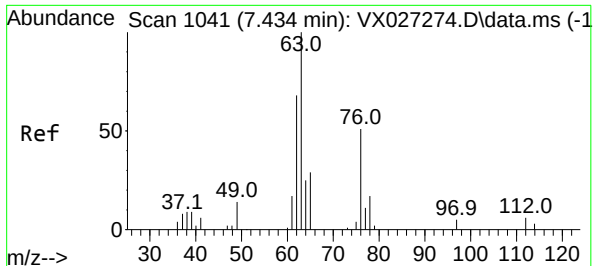
Ion Ratio Lower Upper

83 100

55 75.9 37.0 110.9

98 52.3 25.9 77.8





#39

1,2-Dichloropropane

Concen: 4.691 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 3694

Ion Ratio Lower Upper

63 100

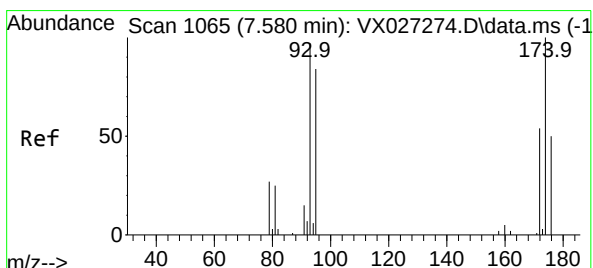
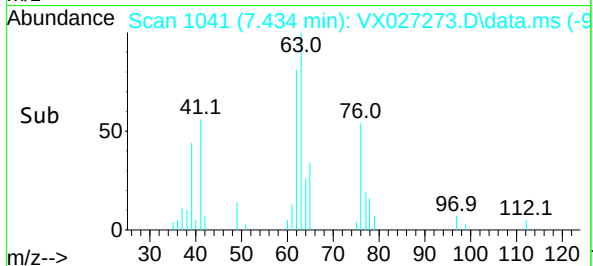
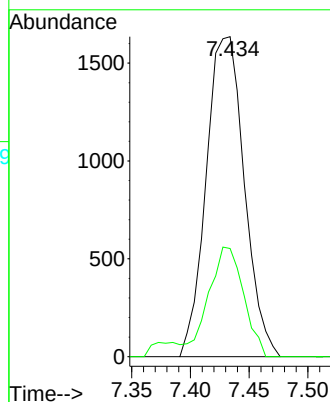
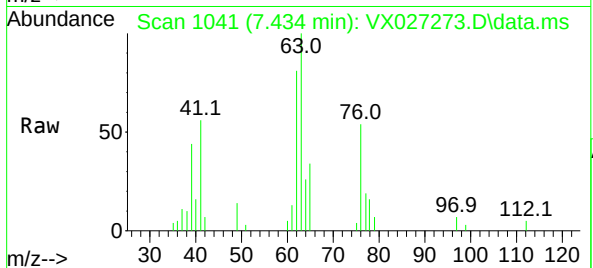
65 33.8 25.4 38.2

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#40

Dibromomethane

Concen: 5.020 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

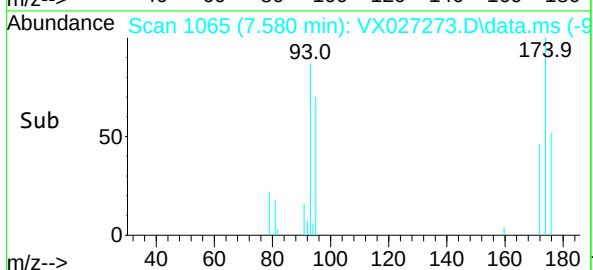
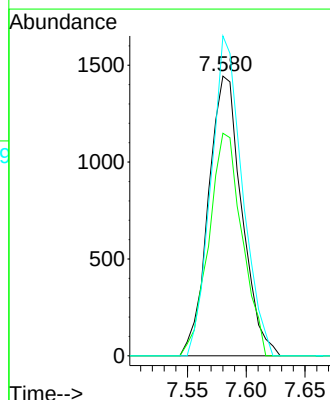
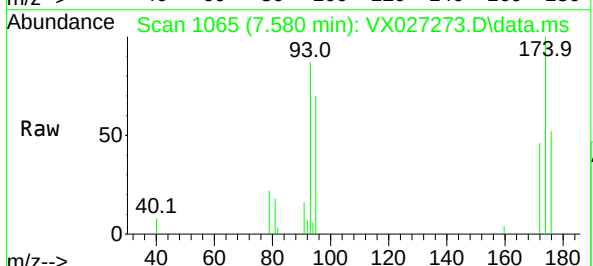
Tgt Ion: 93 Resp: 2853

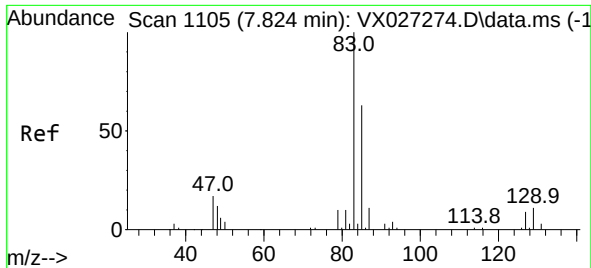
Ion Ratio Lower Upper

93 100

95 79.1 0.0 168.8

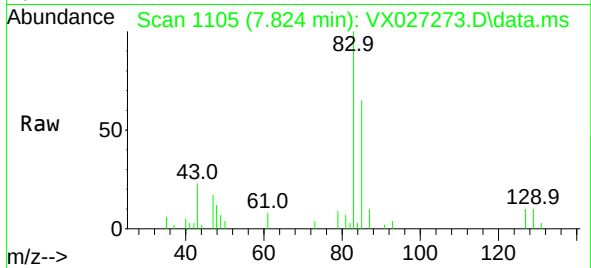
174 107.6 0.0 220.8





#41
Bromodichloromethane
Concen: 4.784 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

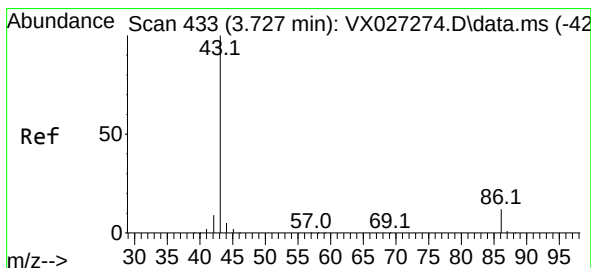
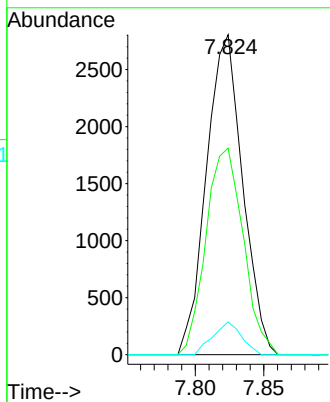
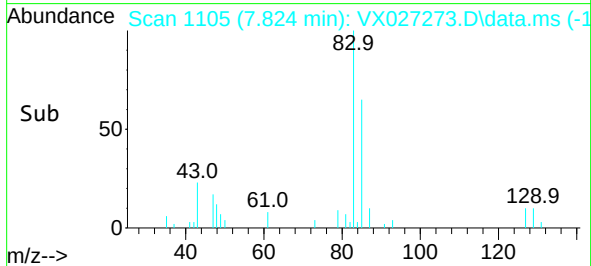
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 5164
Ion Ratio Lower Upper
83 100
85 64.5 50.6 75.8
127 10.3 7.0 10.6

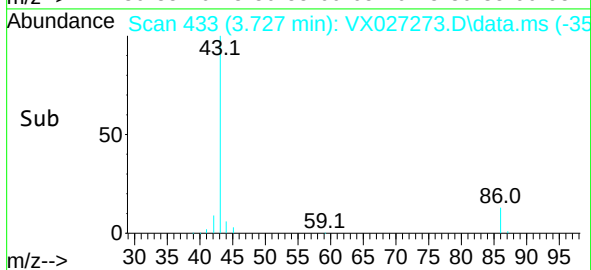
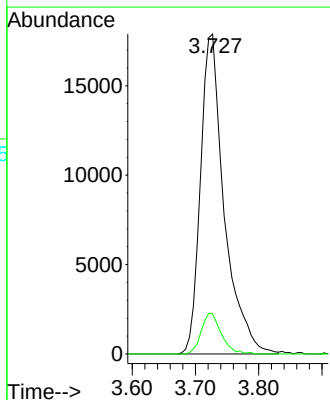
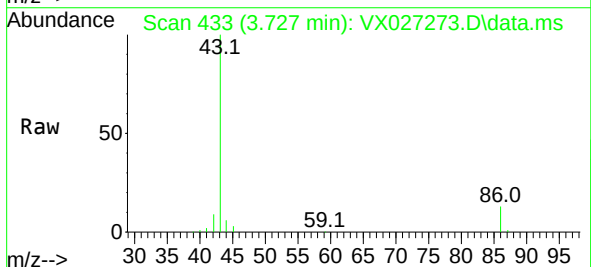
Manual Integrations
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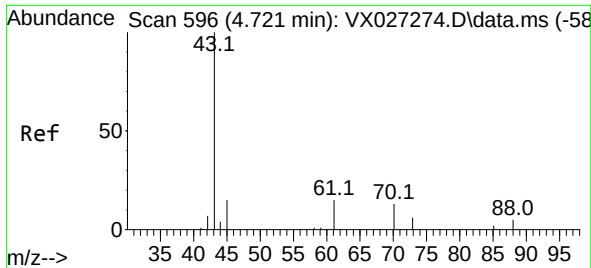
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#42
Vinyl Acetate
Concen: 21.734 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

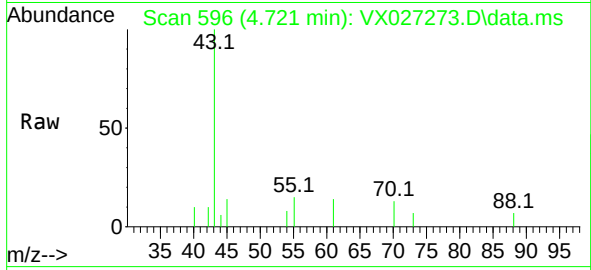
Tgt Ion: 43 Resp: 46808
Ion Ratio Lower Upper
43 100
86 10.6 8.5 12.7





#43
Ethyl Acetate
Concen: 4.776 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

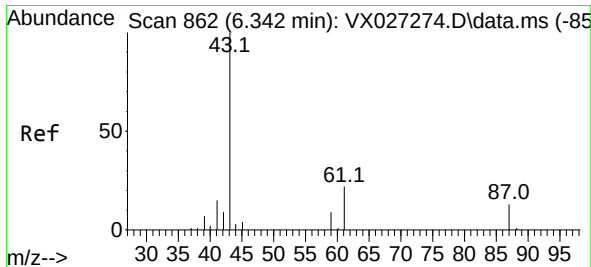
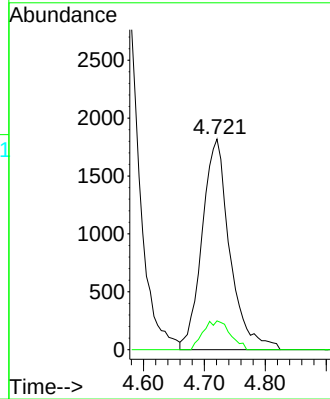
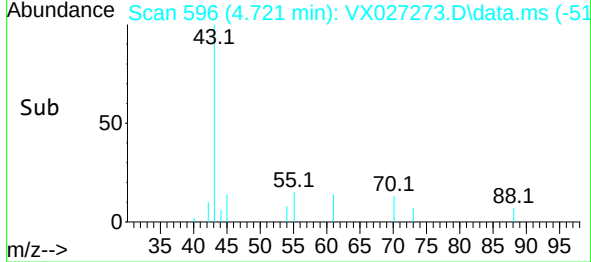
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



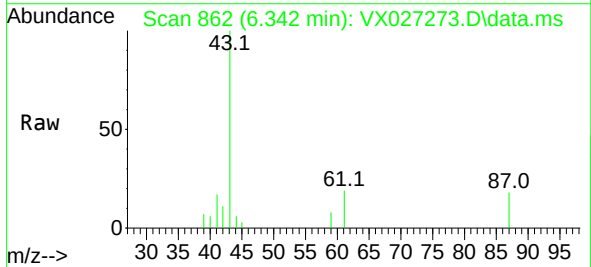
Tgt Ion: 43 Resp: 5749
Ion Ratio Lower Upper
43 100
45 5.9 11.8 17.6

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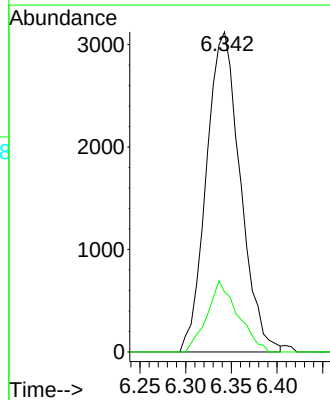
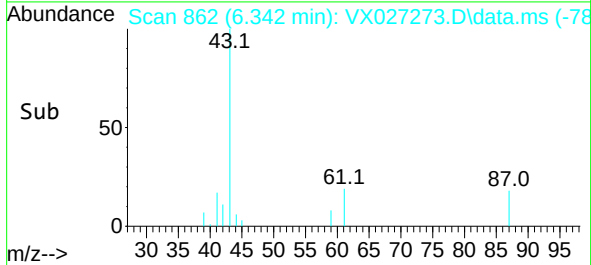
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

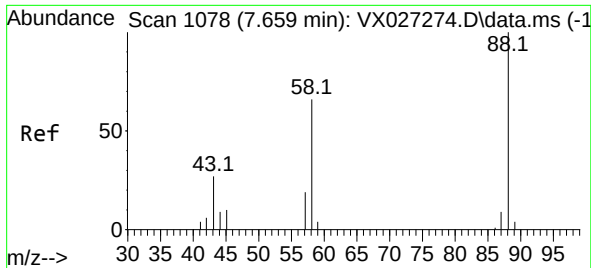


#44
Isopropyl Acetate
Concen: 4.300 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19



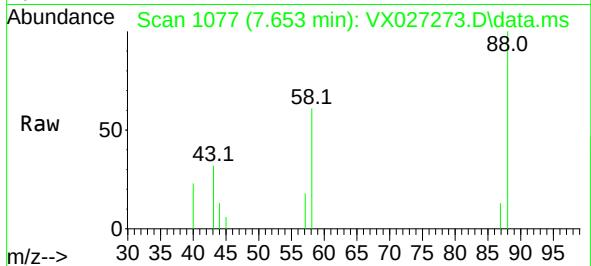
Tgt Ion: 43 Resp: 8054
Ion Ratio Lower Upper
43 100
61 20.2 17.0 25.4





#45
1,4-Dioxane
Concen: 94.893 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

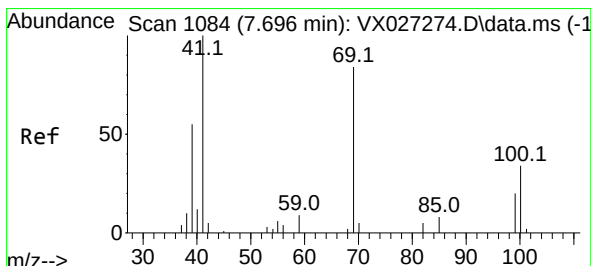
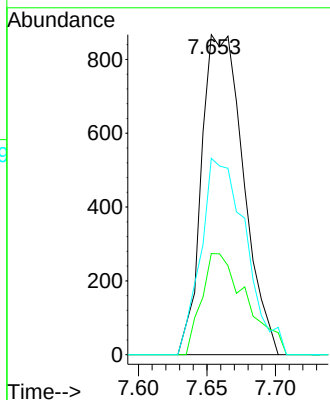
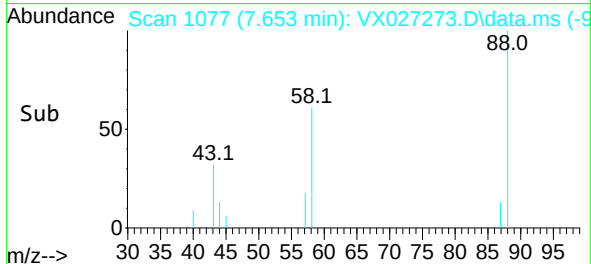
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



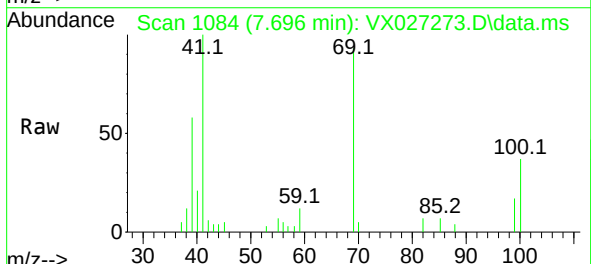
Tgt Ion: 88 Resp: 184
Ion Ratio Lower Upper
88 100
43 34.0 25.8 38.6
58 66.0 54.8 82.2

Manual Integrations
APPROVED

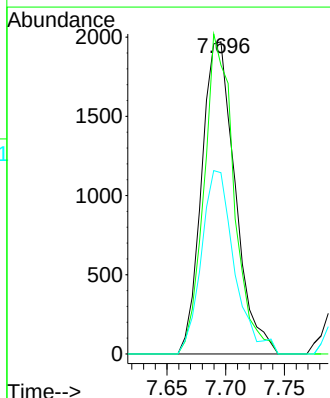
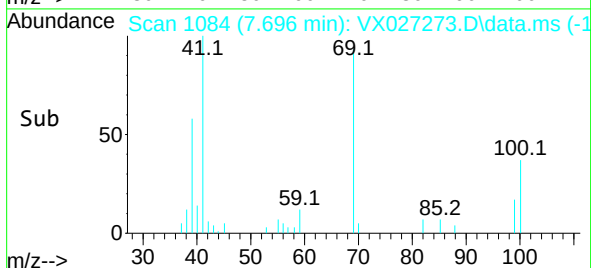
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

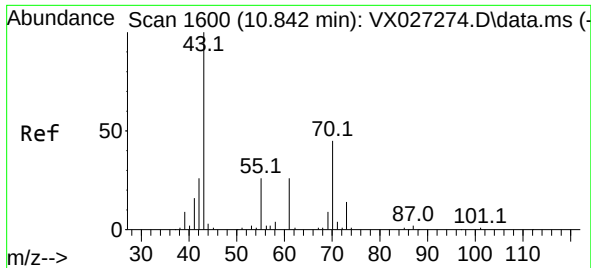


#46
Methyl methacrylate
Concen: 4.255 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19



Tgt Ion: 41 Resp: 3916
Ion Ratio Lower Upper
41 100
69 92.5 41.9 125.8
39 58.0 27.5 82.5





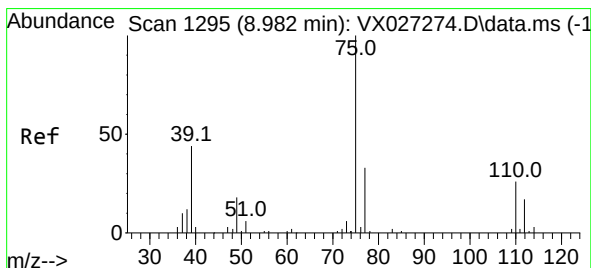
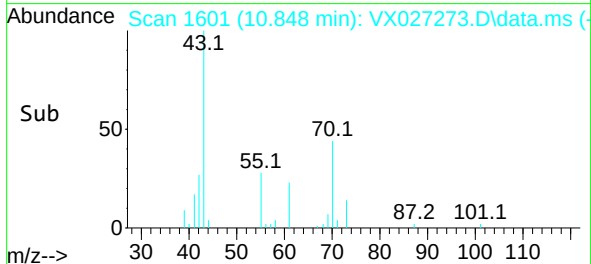
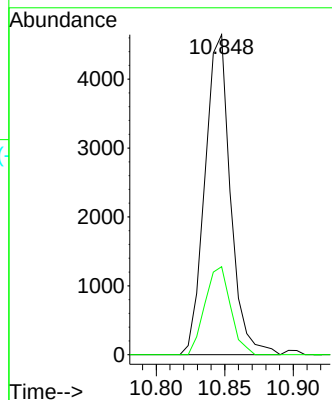
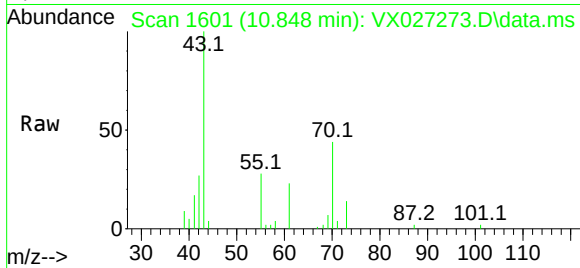
#47
n-amy1 Acetate
Concen: 4.043 ug/l
RT: 10.848 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 6034
Ion Ratio Lower Upper
43 100
55 27.5 20.4 30.6

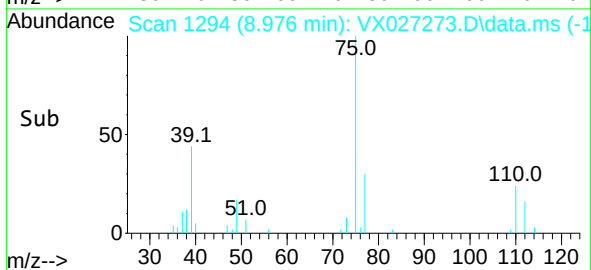
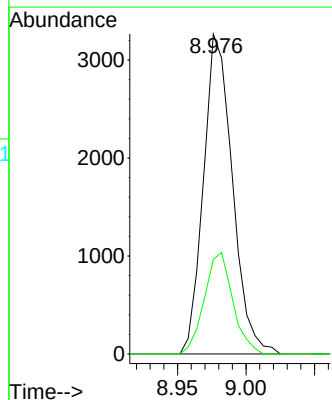
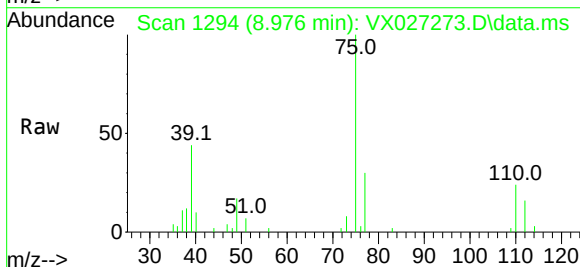
Manual Integrations
APPROVED

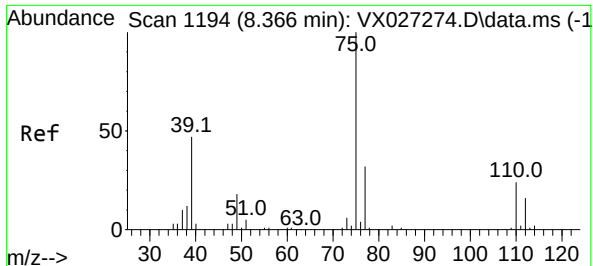
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#48
t-1,3-Dichloropropene
Concen: 4.447 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

Tgt Ion: 75 Resp: 4807
Ion Ratio Lower Upper
75 100
77 29.5 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 4.414 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 538

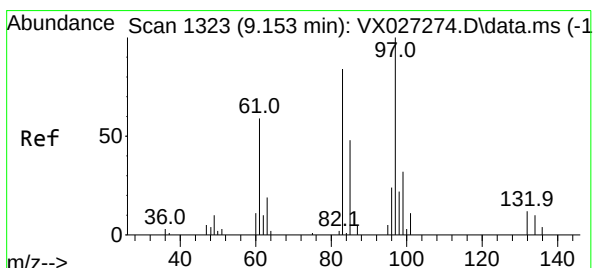
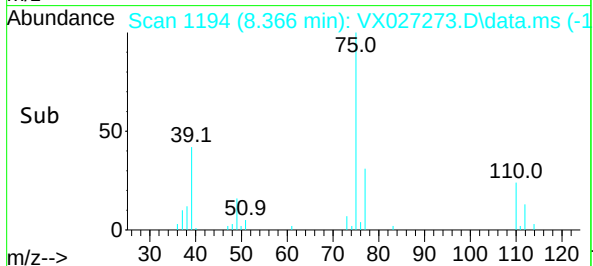
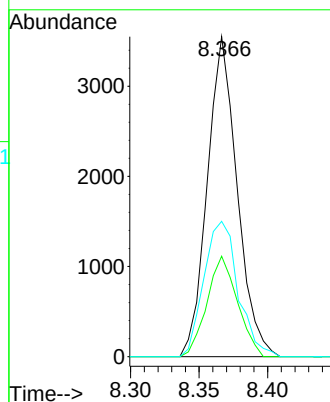
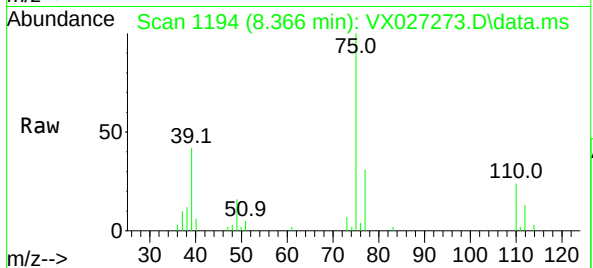
Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.2	37.8
39	42.3	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#50

1,1,2-Trichloroethane

Concen: 5.247 ug/l

RT: 9.153 min Scan# 1323

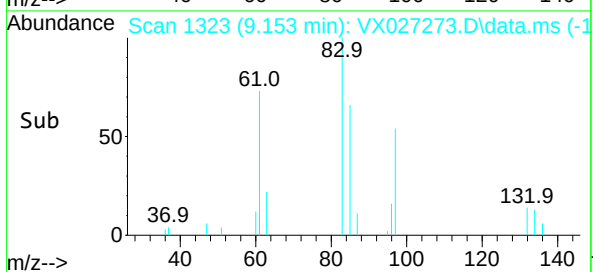
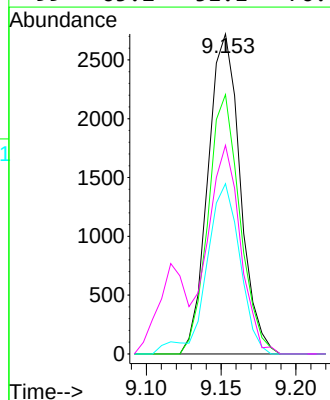
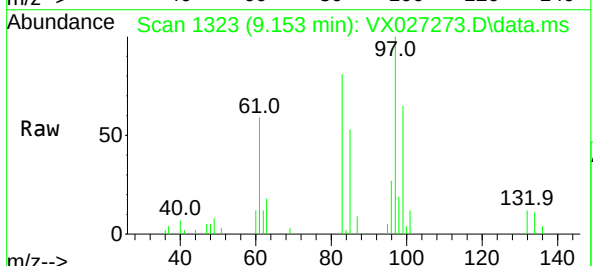
Delta R.T. 0.000 min

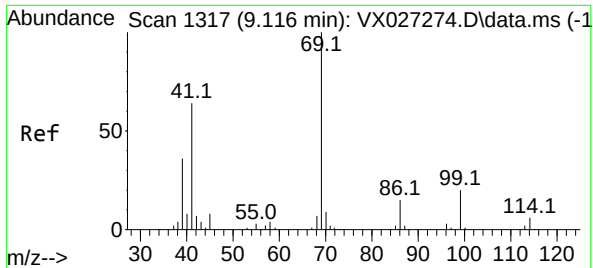
Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

Tgt Ion: 97 Resp: 4090

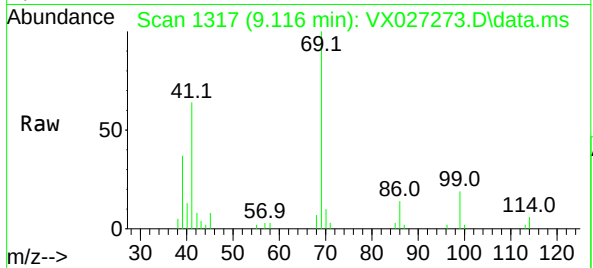
Ion	Ratio	Lower	Upper
97	100		
83	81.1	66.2	99.4
85	53.2	40.4	60.6
99	65.2	51.1	76.7





#51
Ethyl methacrylate
Concen: 4.574 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

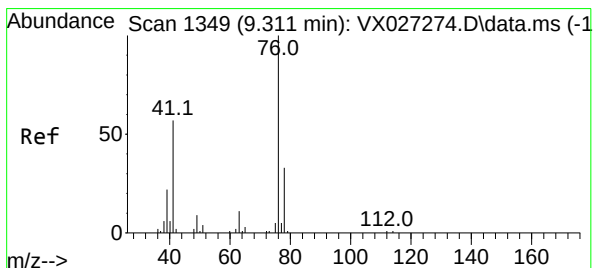
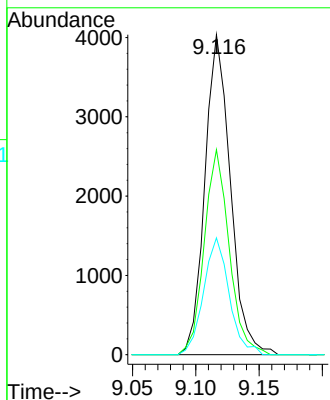
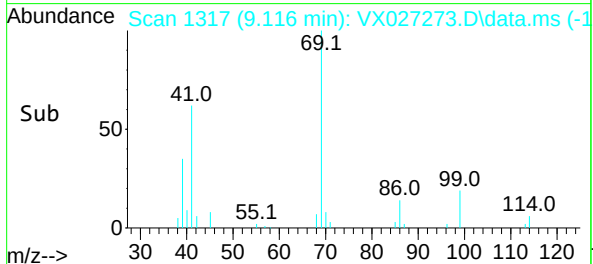
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



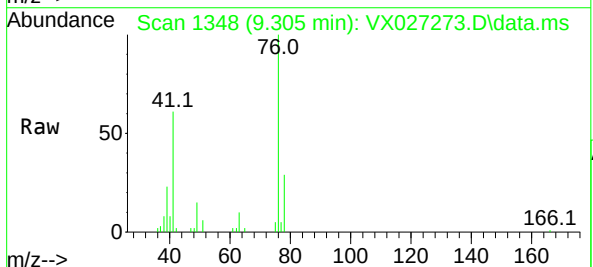
Tgt Ion: 69 Resp: 5662
Ion Ratio Lower Upper
69 100
41 64.0 32.1 96.5
39 36.5 18.3 54.9

Manual Integrations
APPROVED

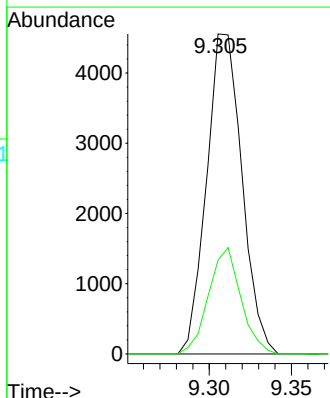
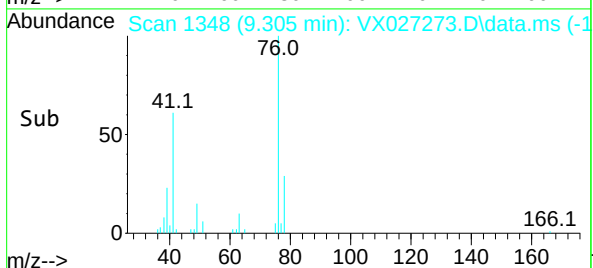
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

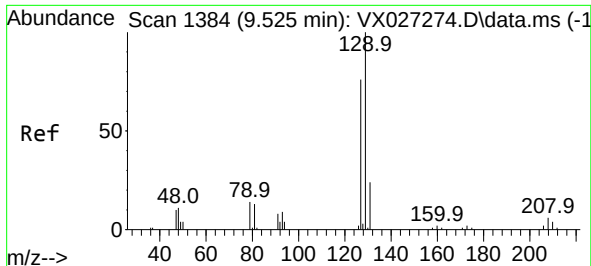


#52
1,3-Dichloropropane
Concen: 5.114 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19



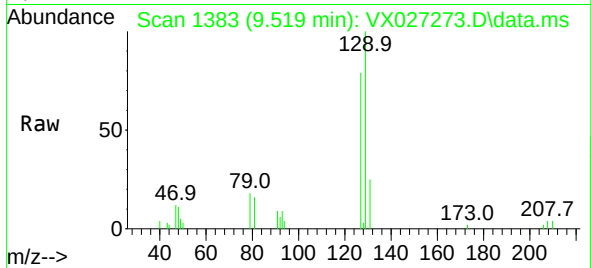
Tgt Ion: 76 Resp: 6828
Ion Ratio Lower Upper
76 100
78 30.3 0.0 64.4





#53
 Dibromochloromethane
 Concen: 4.832 ug/l
 RT: 9.519 min Scan# 1383
 Delta R.T. -0.006 min
 Lab File: VX027273.D
 Acq: 03 Mar 2022 16:19

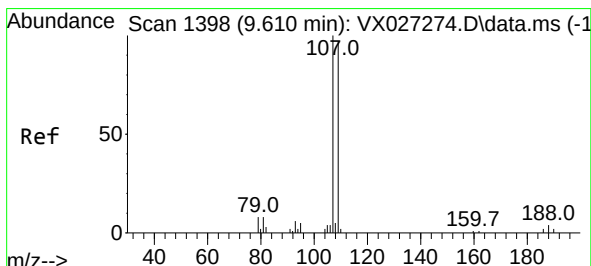
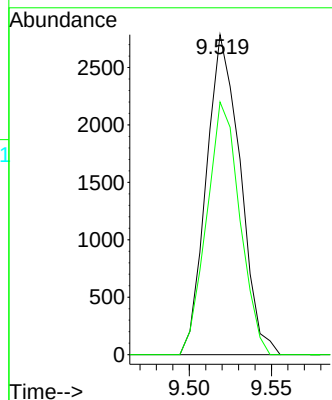
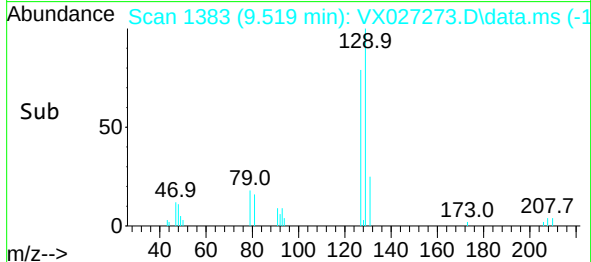
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



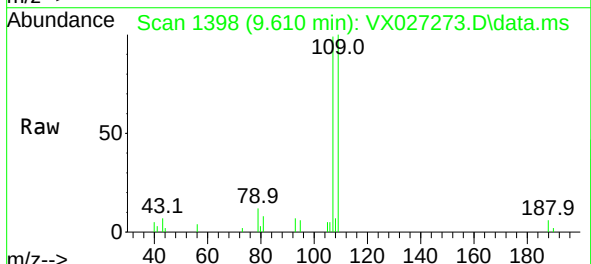
Tgt Ion:129 Resp: 398
 Ion Ratio Lower Upper
 129 100
 127 77.4 38.4 115.1

Manual Integrations
 APPROVED

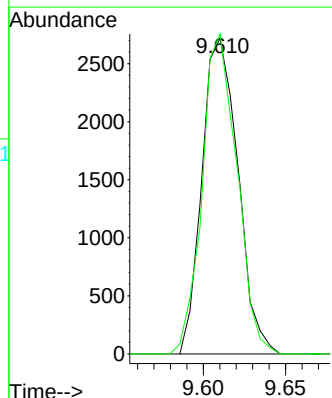
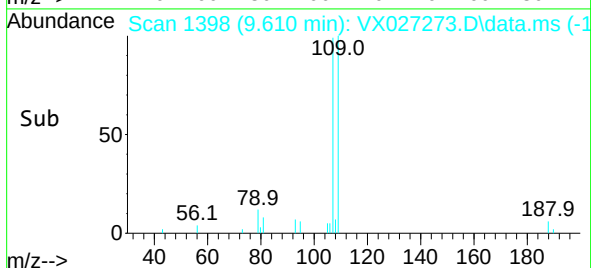
Reviewed By :John Carlone 03/04/2022
 Supervised By :Mahesh Dadoda 03/04/2022

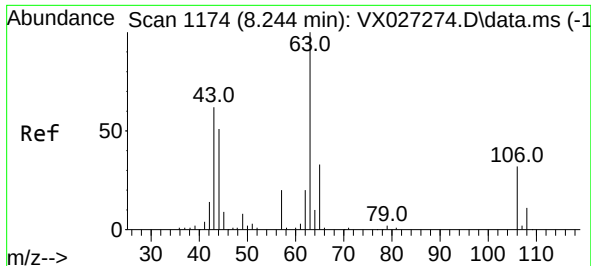


#54
 1,2-Dibromoethane
 Concen: 4.923 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. 0.000 min
 Lab File: VX027273.D
 Acq: 03 Mar 2022 16:19



Tgt Ion:107 Resp: 4134
 Ion Ratio Lower Upper
 107 100
 109 97.8 76.2 114.4





#55

2-Chloroethyl vinyl ether

Concen: 22.722 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

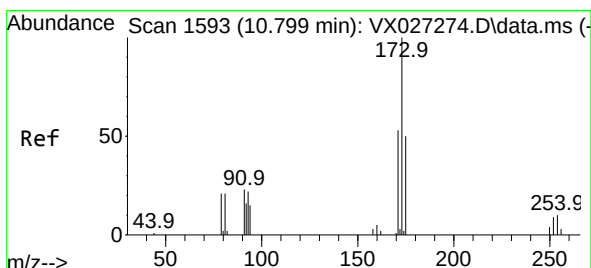
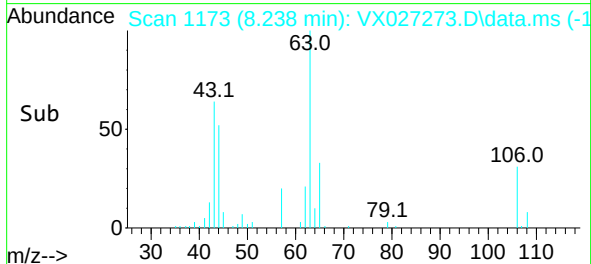
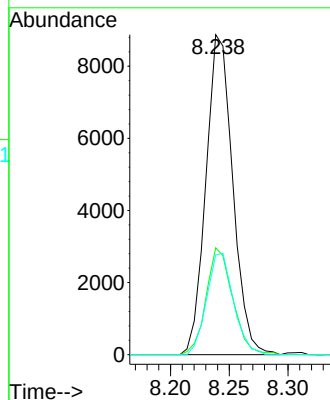
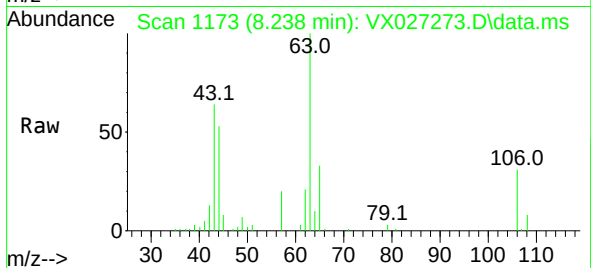
Tgt Ion: 63	Resp: 14120
Ion Ratio	Lower Upper
63 100	
65 32.9	25.9 38.9
106 31.7	25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#56

Bromoform

Concen: 4.955 ug/l

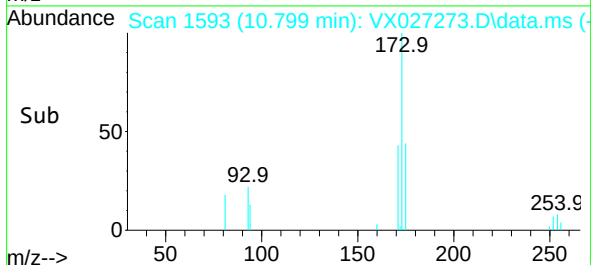
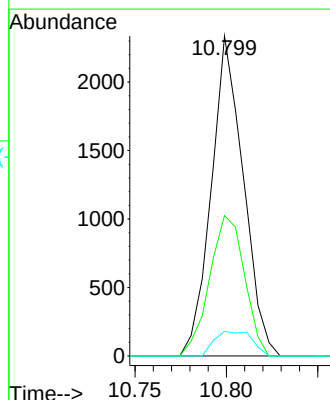
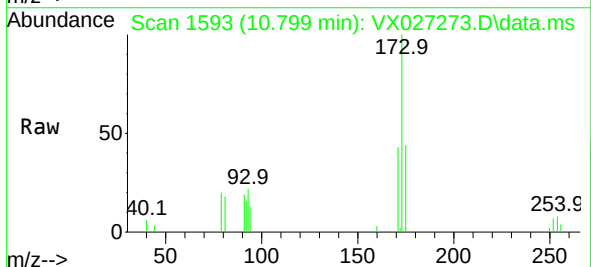
RT: 10.799 min Scan# 1593

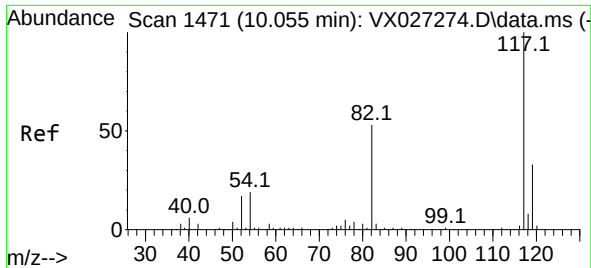
Delta R.T. 0.000 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

Tgt Ion: 173	Resp: 2852
Ion Ratio	Lower Upper
173 100	
175 47.8	40.3 60.5
254 9.0	7.4 11.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

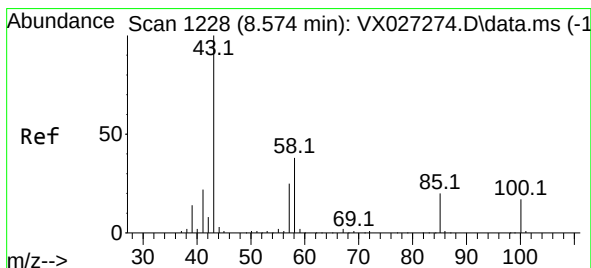
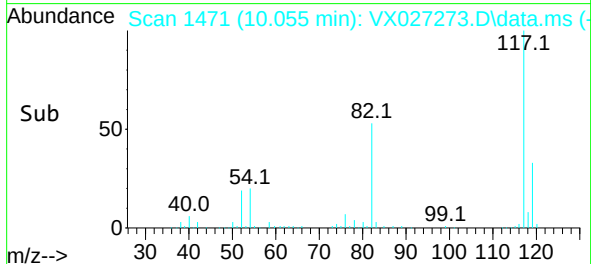
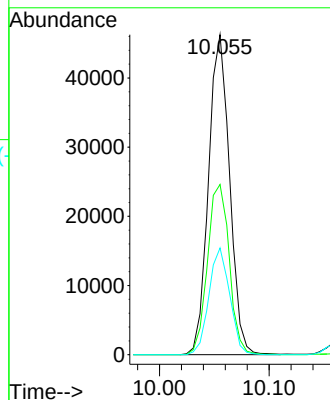
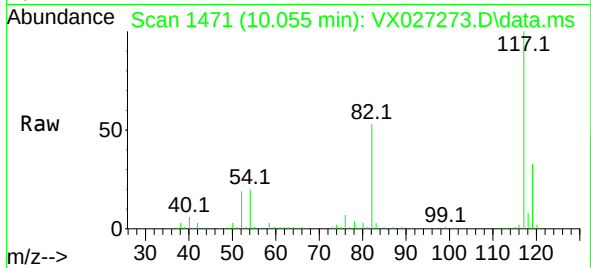
Tgt Ion:117 Resp: 6189
 Ion Ratio Lower Upper
 117 100
 82 54.9 42.3 63.5
 119 32.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#58

4-Methyl-2-Pentanone

Concen: 22.844 ug/l

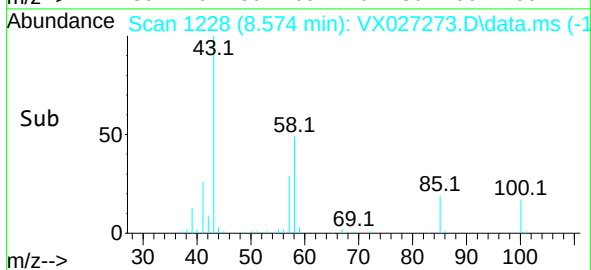
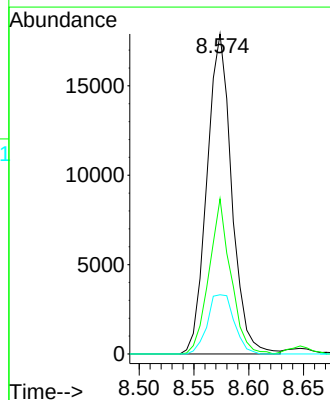
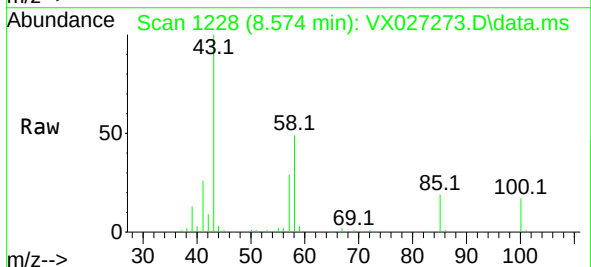
RT: 8.574 min Scan# 1228

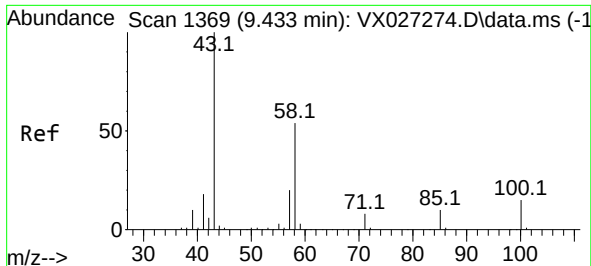
Delta R.T. 0.000 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

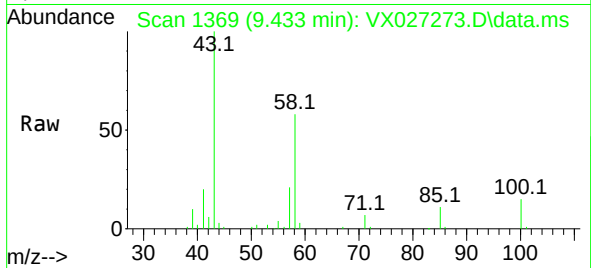
Tgt Ion: 43 Resp: 28144
 Ion Ratio Lower Upper
 43 100
 58 42.6 31.8 47.6
 85 20.0 15.8 23.6





#59
2-Hexanone
Concen: 21.731 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

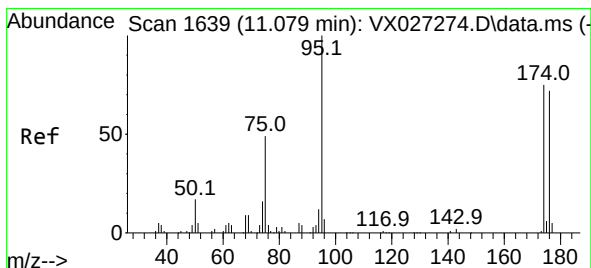
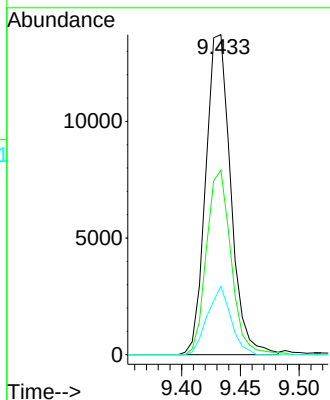
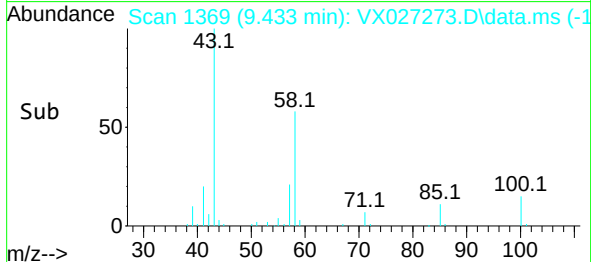
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



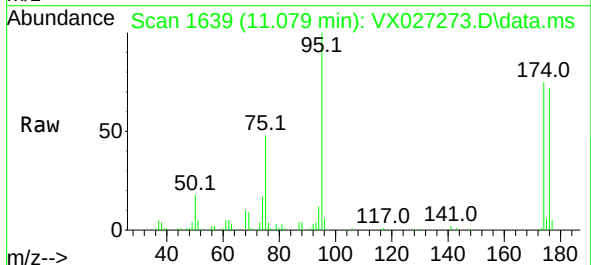
Tgt Ion: 43 Resp: 20358
Ion Ratio Lower Upper
43 100
58 56.6 44.1 66.1
57 20.0 16.2 24.2

Manual Integrations
APPROVED

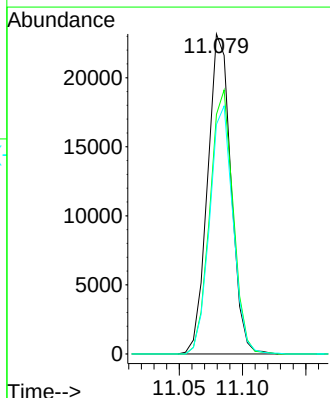
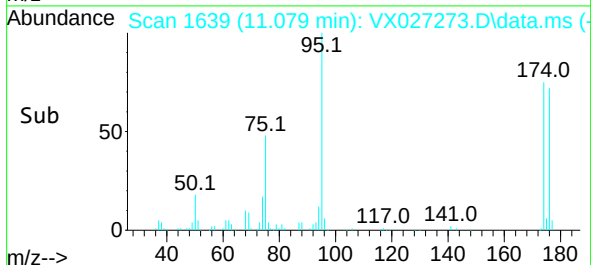
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

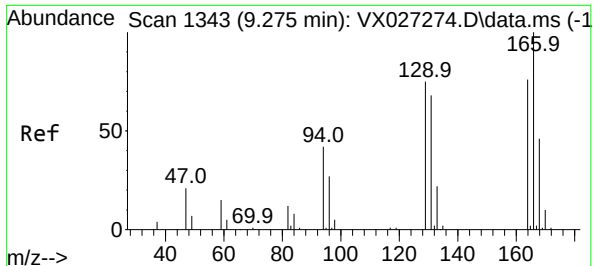


#60
4-Bromofluorobenzene
Concen: 29.630 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19



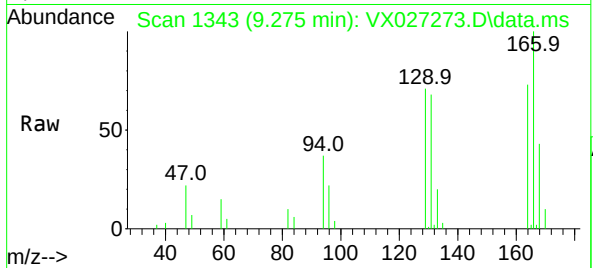
Tgt Ion: 95 Resp: 29669
Ion Ratio Lower Upper
95 100
174 82.3 65.4 98.2
176 77.5 63.4 95.0





#61
Tetrachloroethene
Concen: 4.785 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

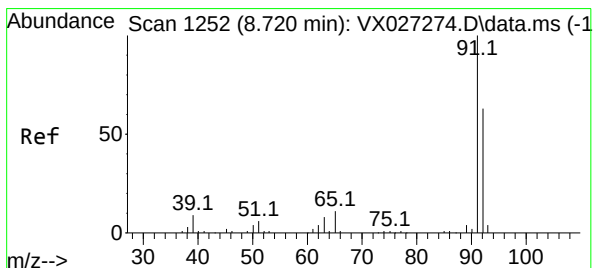
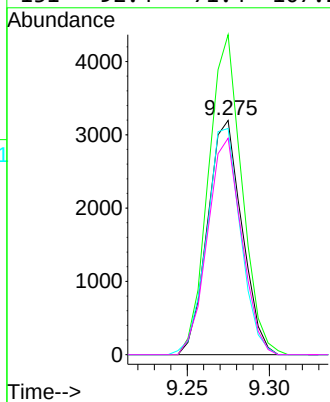
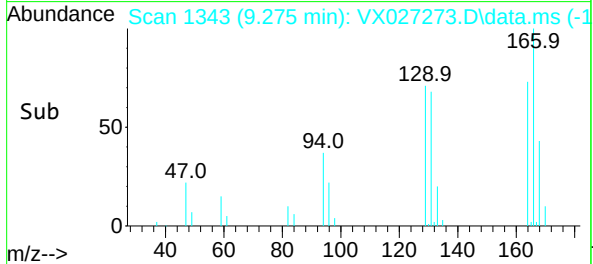
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



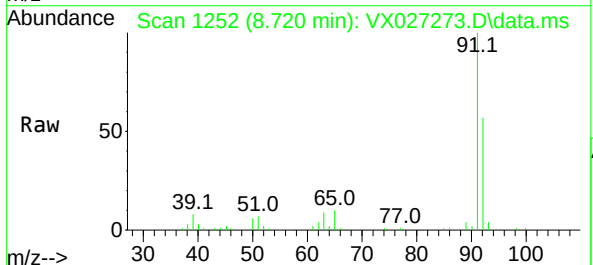
Tgt Ion:164 Resp: 465
Ion Ratio Lower Upper
164 100
166 136.6 105.0 157.6
129 96.5 78.5 117.7
131 92.4 71.4 107.2

Manual Integrations
APPROVED

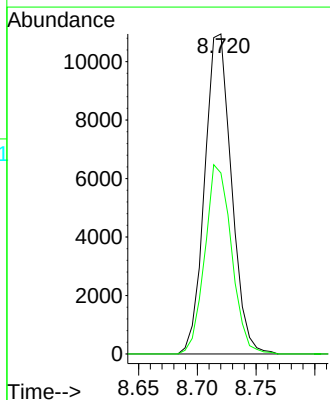
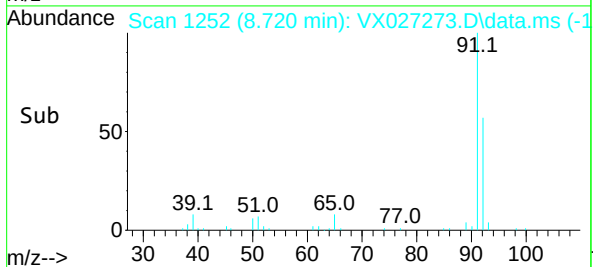
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

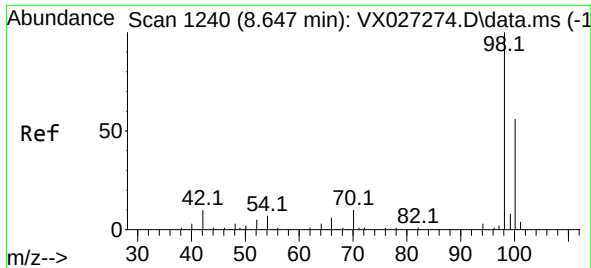


#62
Toluene
Concen: 5.027 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19



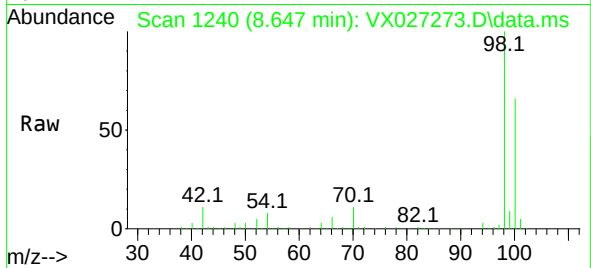
Tgt Ion: 91 Resp: 17354
Ion Ratio Lower Upper
91 100
92 58.8 48.1 72.1





#63
Toluene-d8
Concen: 29.223 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

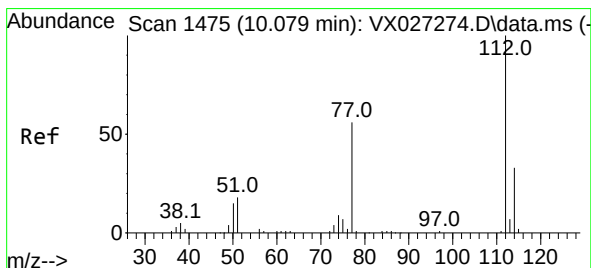
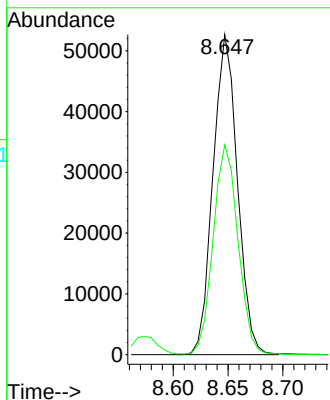
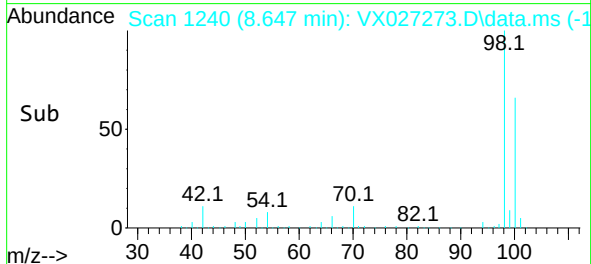
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 98 Resp: 81670
Ion Ratio Lower Upper
98 100
100 66.7 51.4 77.2

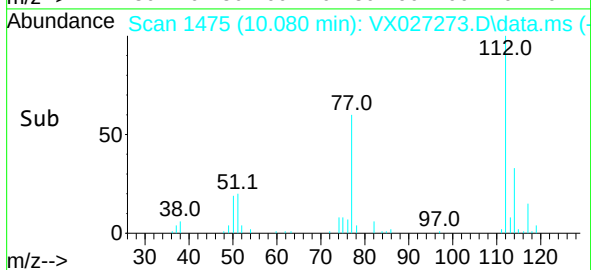
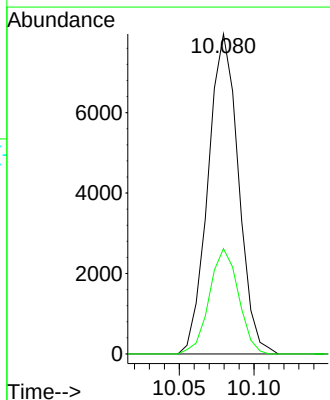
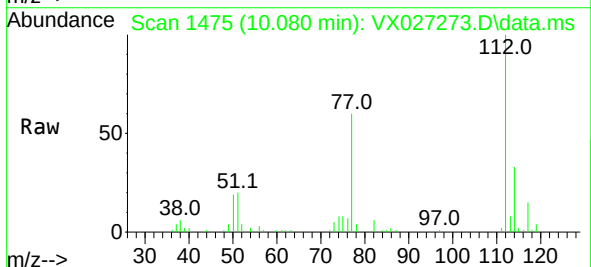
Manual Integrations
APPROVED

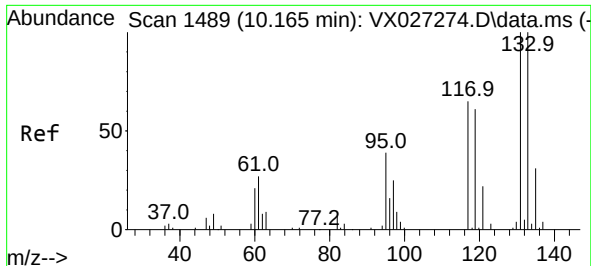
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#64
Chlorobenzene
Concen: 5.212 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

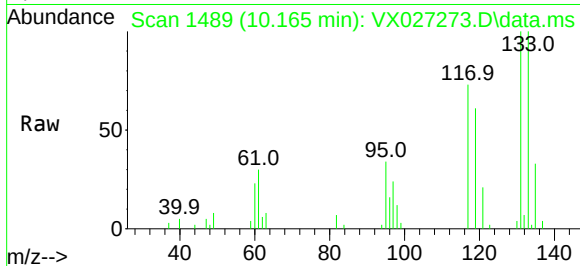
Tgt Ion:112 Resp: 11245
Ion Ratio Lower Upper
112 100
114 32.9 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 5.128 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

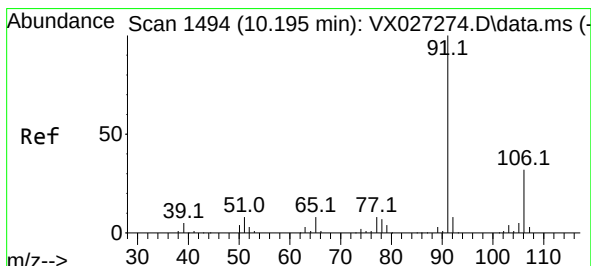
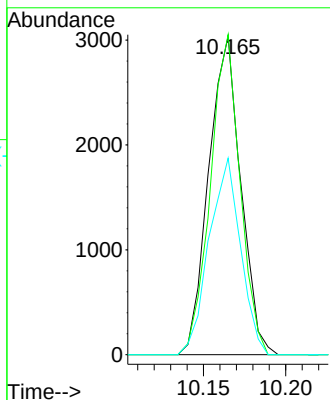
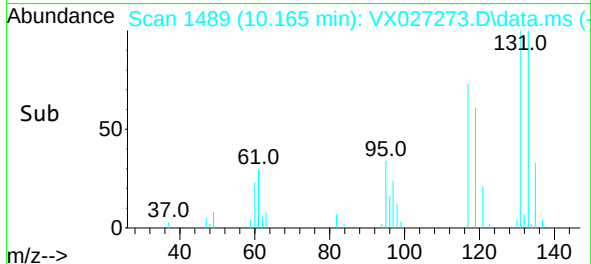
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



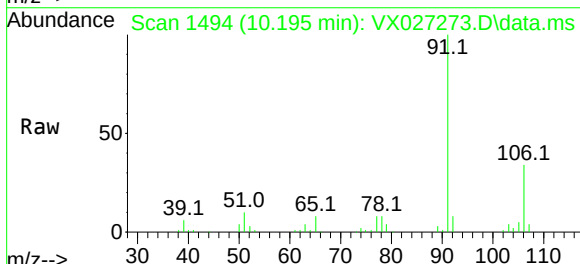
Tgt Ion:131 Resp: 411
Ion Ratio Lower Upper
131 100
133 93.0 0.0 197.2
119 60.6 0.0 127.4

Manual Integrations
APPROVED

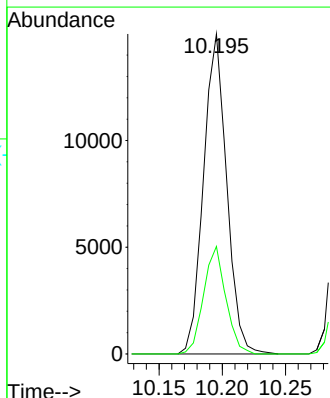
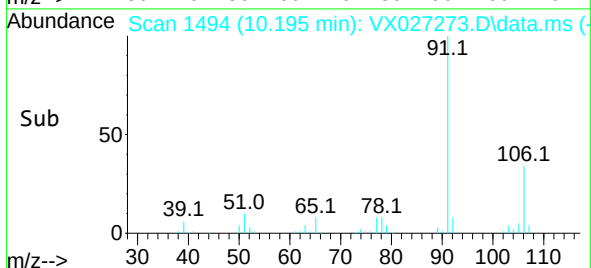
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

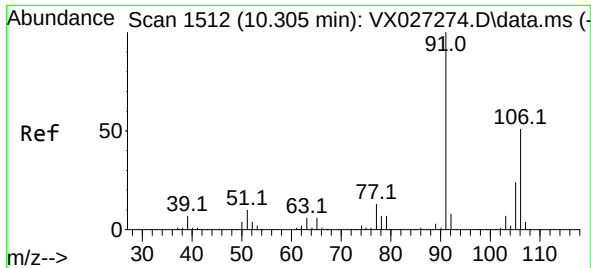


#66
Ethyl Benzene
Concen: 5.007 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19



Tgt Ion: 91 Resp: 19128
Ion Ratio Lower Upper
91 100
106 33.6 25.8 38.8





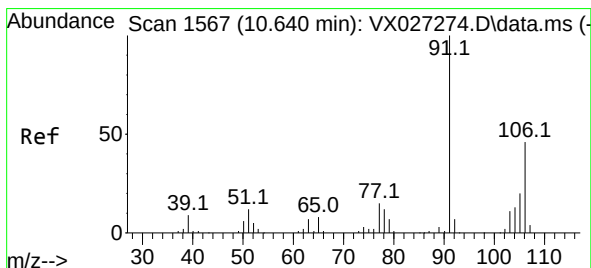
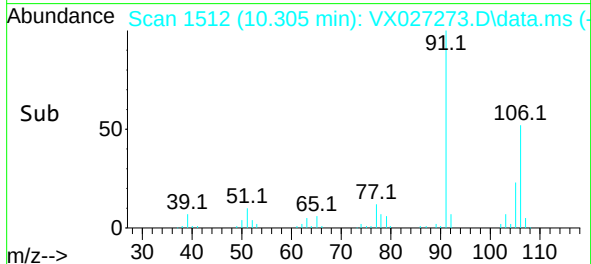
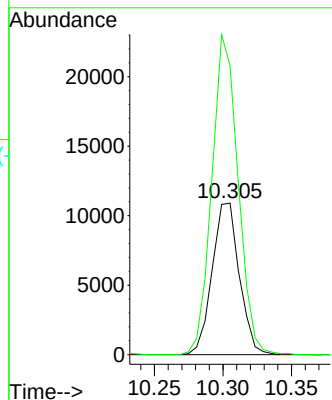
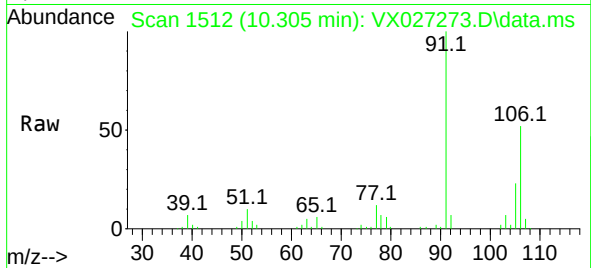
#67
m/p-Xylenes
Concen: 10.160 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 1503
Ion Ratio Lower Upper
106 100
91 203.9 159.5 239.3

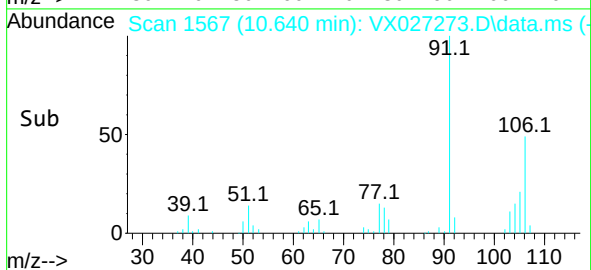
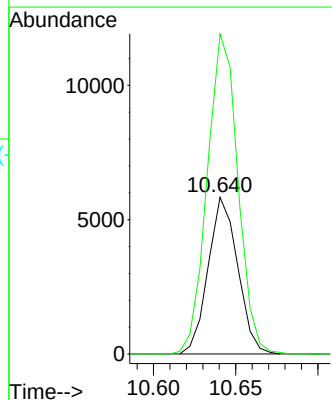
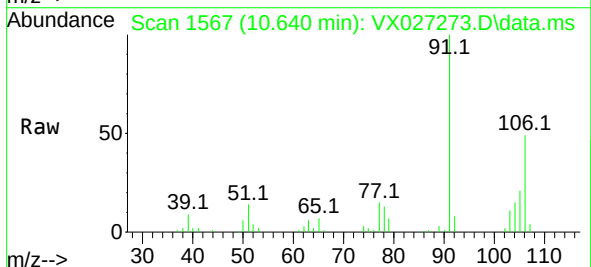
Manual Integrations
APPROVED

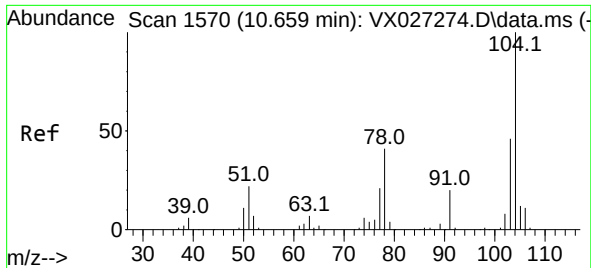
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#68
o-Xylene
Concen: 5.024 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

Tgt Ion:106 Resp: 7294
Ion Ratio Lower Upper
106 100
91 211.9 105.4 316.2





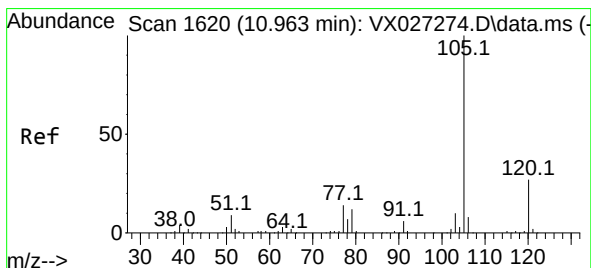
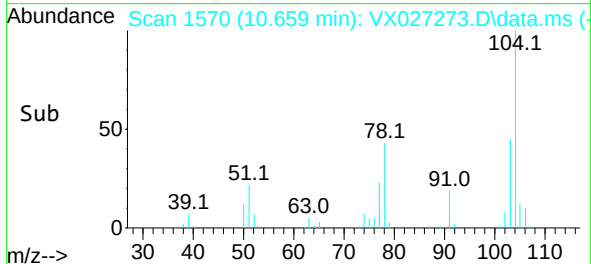
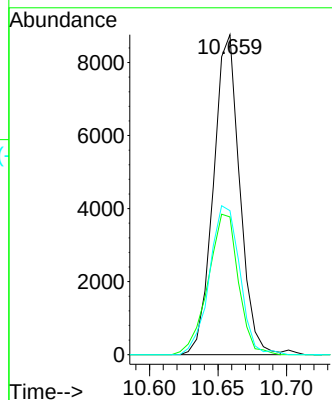
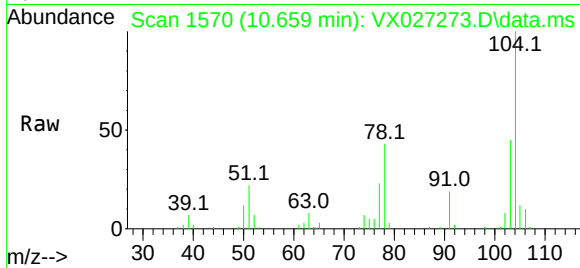
#69
Styrene
Concen: 4.855 ug/l
RT: 10.659 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:104 Resp: 1170
Ion Ratio Lower Upper
104 100
78 50.6 39.7 59.5
103 53.0 42.7 64.1

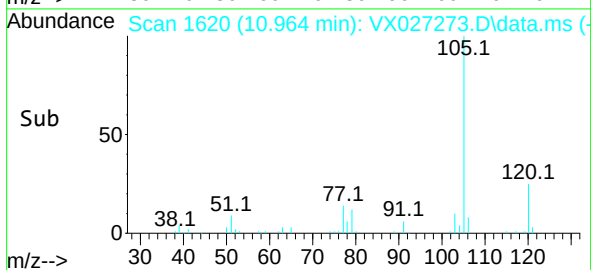
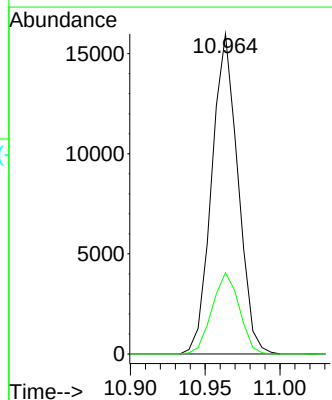
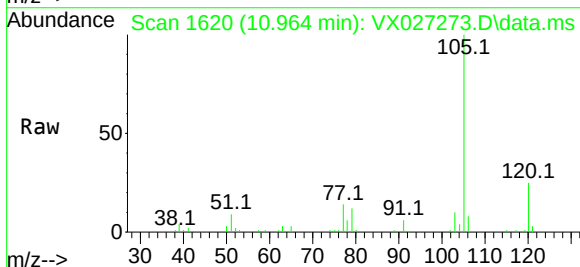
Manual Integrations
APPROVED

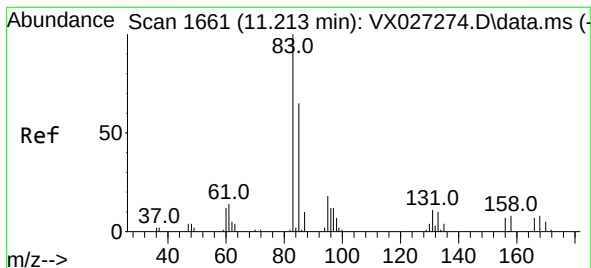
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#70
Isopropylbenzene
Concen: 5.158 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

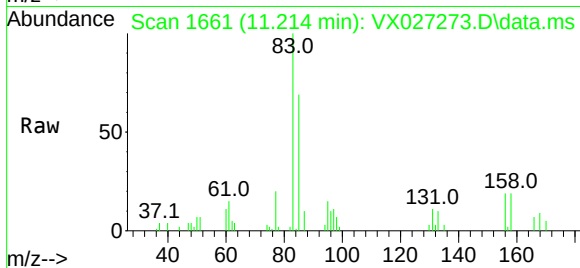
Tgt Ion:105 Resp: 19474
Ion Ratio Lower Upper
105 100
120 26.2 18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 5.026 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

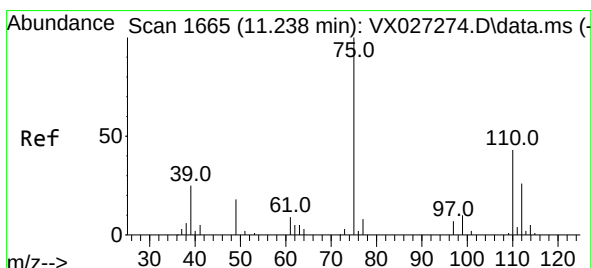
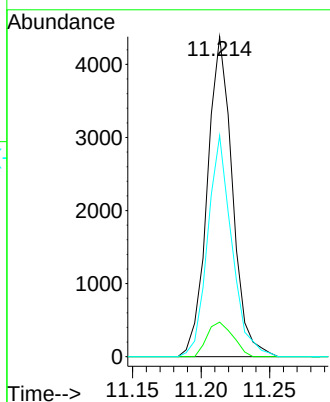
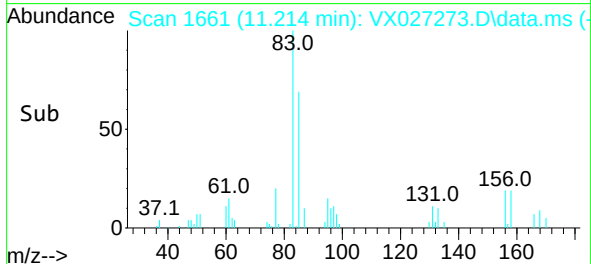
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



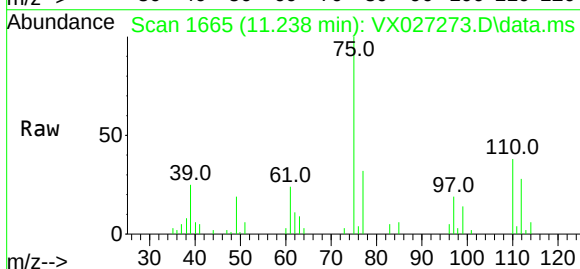
Tgt Ion: 83 Resp: 556
Ion Ratio Lower Upper
83 100
131 11.1 5.8 17.3
85 66.9 32.0 96.2

Manual Integrations
APPROVED

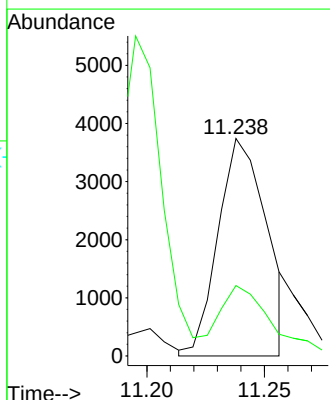
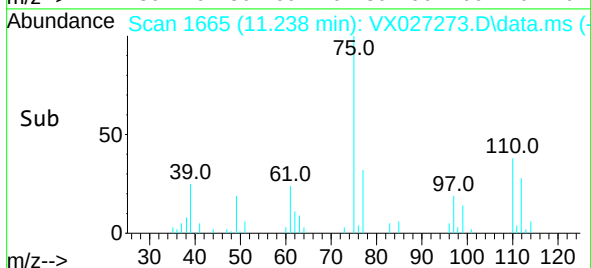
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

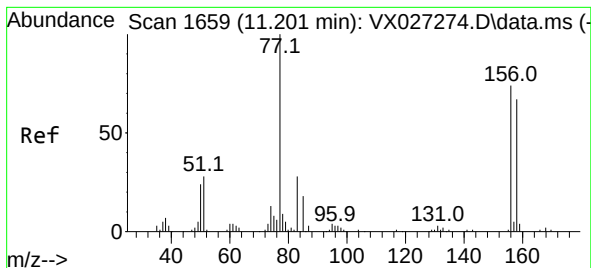


#72
1,2,3-Trichloropropane
Concen: 4.845 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19



Tgt Ion: 75 Resp: 5345
Ion Ratio Lower Upper
75 100
77 35.9 0.0 78.6





#73

Bromobenzene

Concen: 5.109 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

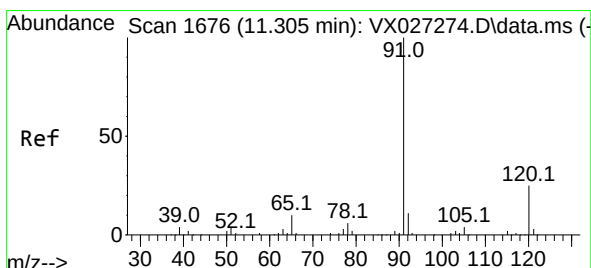
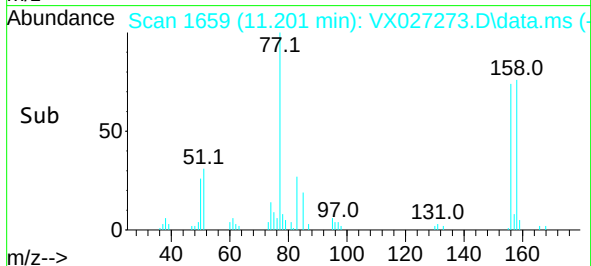
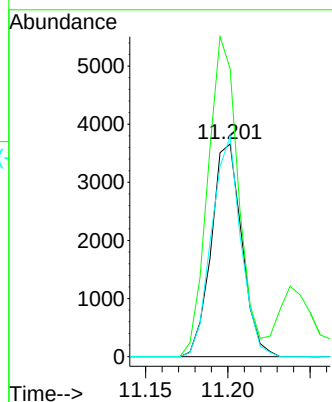
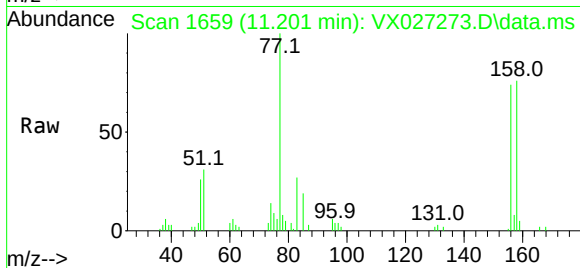
Tgt Ion:	156	Resp:	474
Ion Ratio	Lower	Upper	
156	100		
77	149.3	0.0	297.6
158	99.1	0.0	188.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#74

n-propylbenzene

Concen: 5.051 ug/l

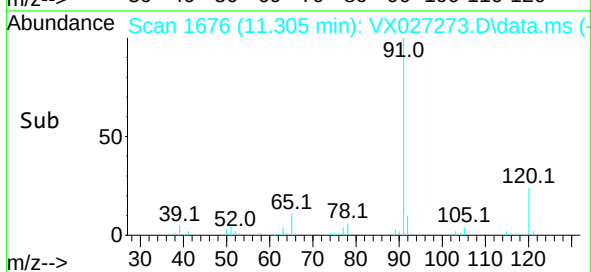
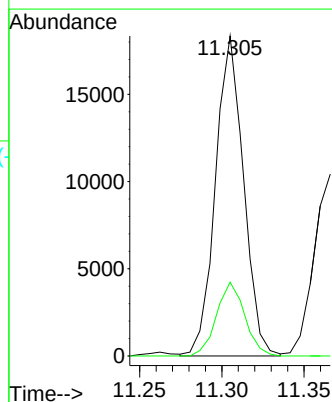
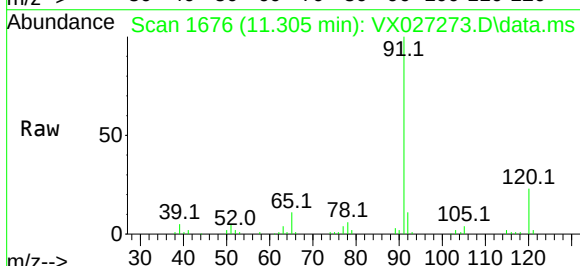
RT: 11.305 min Scan# 1676

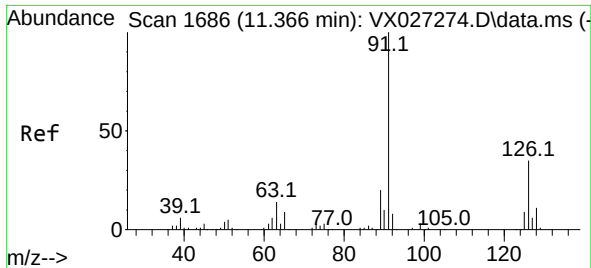
Delta R.T. 0.000 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

Tgt Ion:	91	Resp:	21784
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	48.0





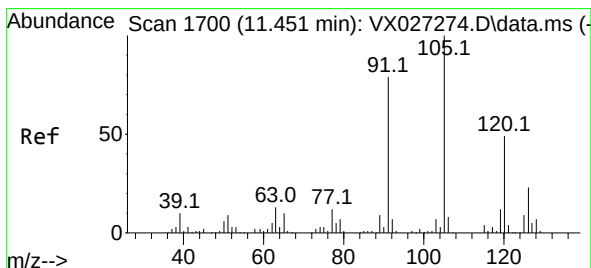
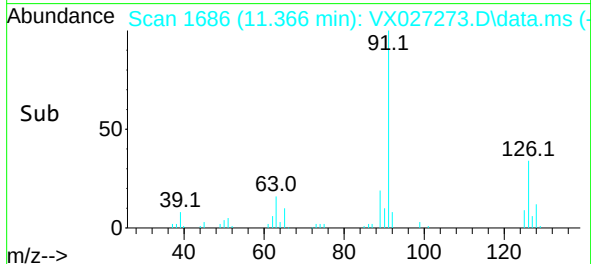
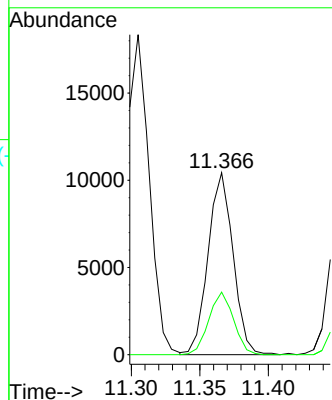
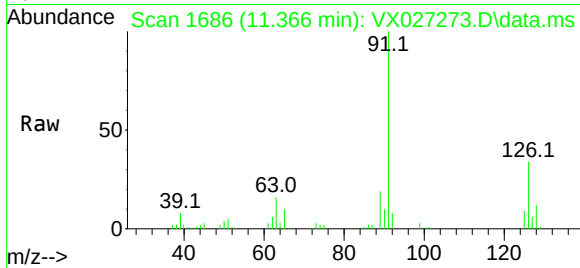
#75
2-Chlorotoluene
Concen: 4.997 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 1327
Ion Ratio Lower Upper
91 100
126 33.9 0.0 68.6

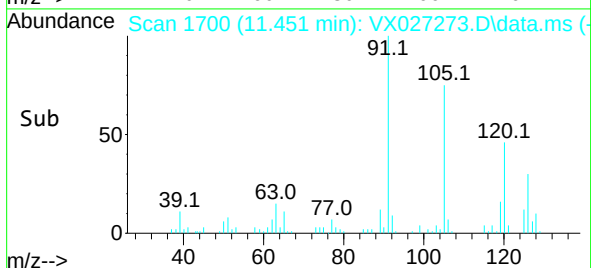
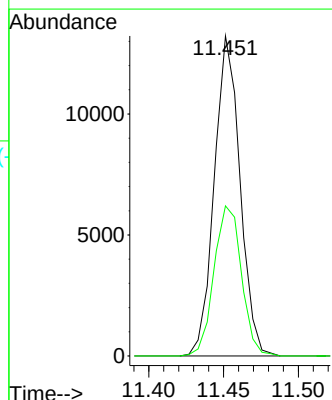
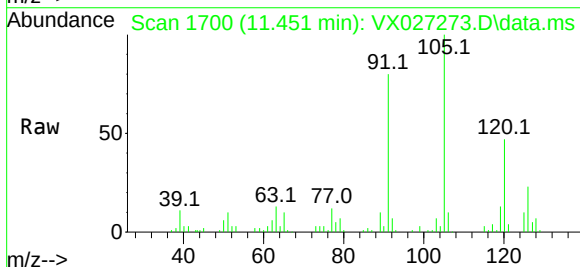
Manual Integrations
APPROVED

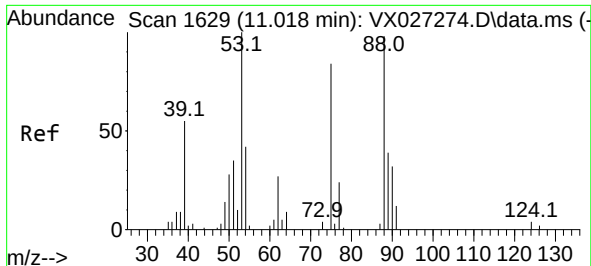
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#76
1,3,5-Trimethylbenzene
Concen: 4.988 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

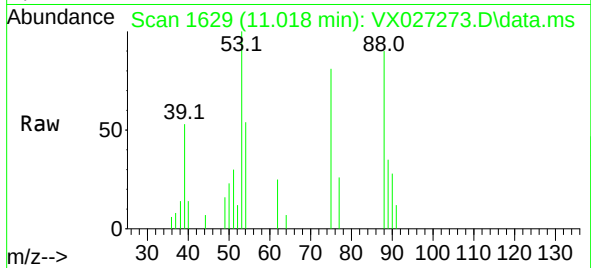
Tgt Ion:105 Resp: 15797
Ion Ratio Lower Upper
105 100
120 50.1 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 3.634 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

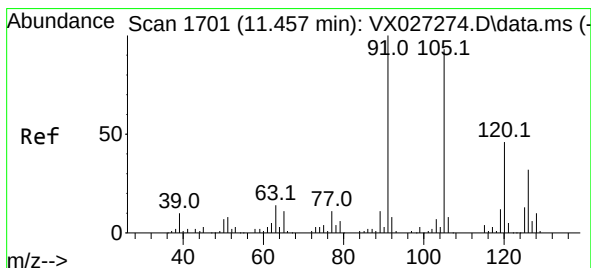
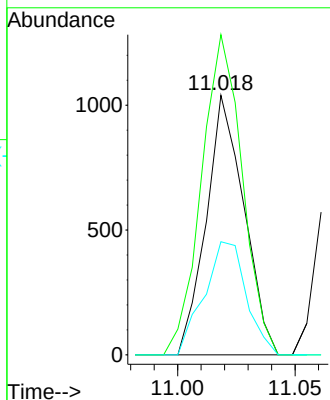
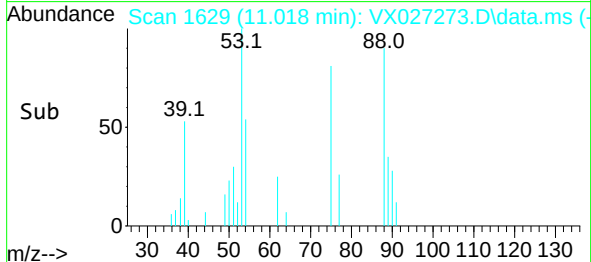
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



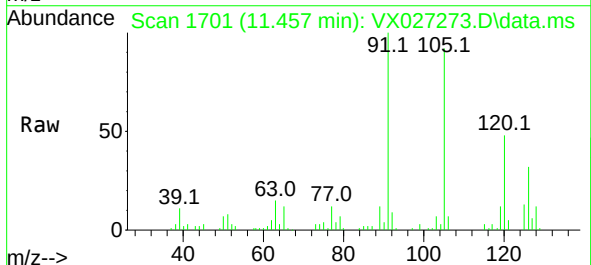
Tgt Ion: 75 Resp: 1164
Ion Ratio Lower Upper
75 100
53 123.4 59.7 179.1
89 43.6 23.1 69.2

Manual Integrations
APPROVED

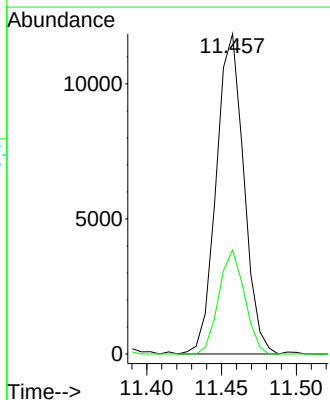
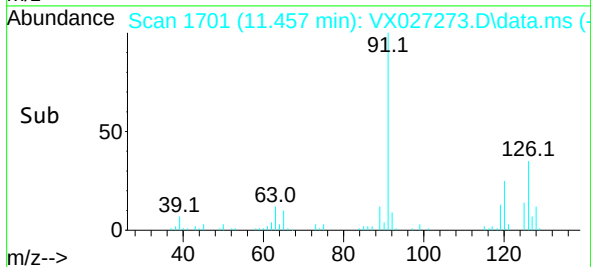
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

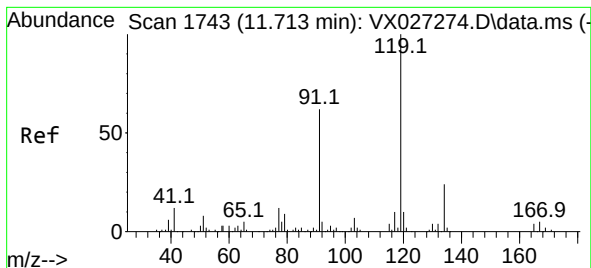


#78
4-Chlorotoluene
Concen: 5.107 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19



Tgt Ion: 91 Resp: 15200
Ion Ratio Lower Upper
91 100
126 30.1 0.0 59.8





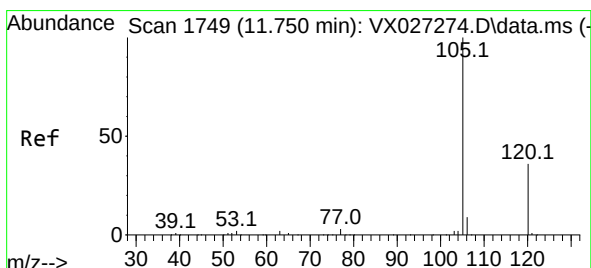
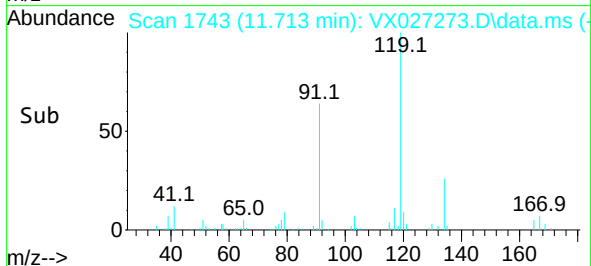
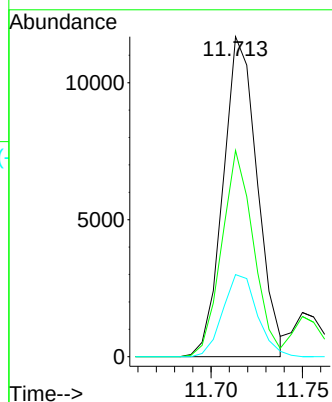
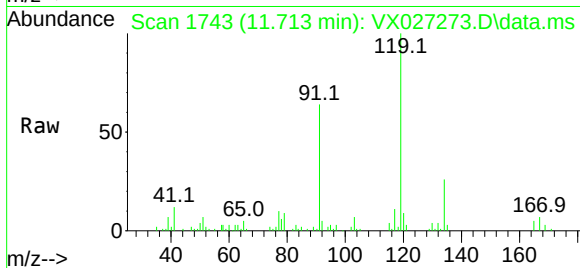
#79
tert-butylbenzene
Concen: 4.988 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 15220
Ion Ratio Lower Upper
119 100
91 60.1 0.0 119.4
134 25.9 0.0 48.4

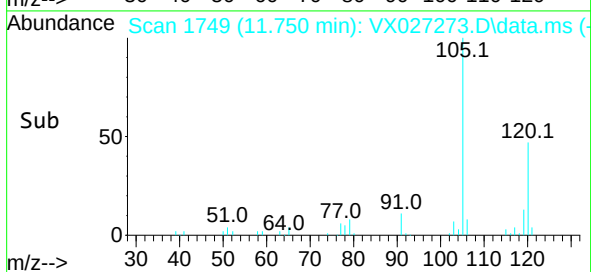
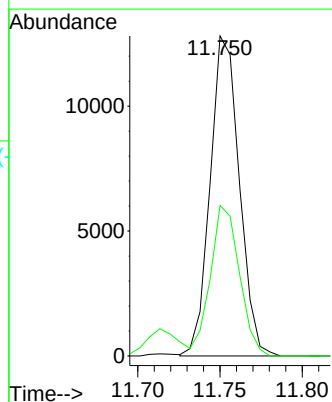
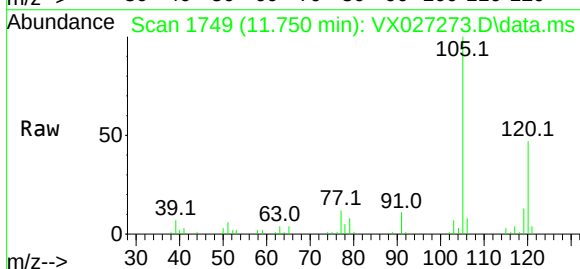
Manual Integrations
APPROVED

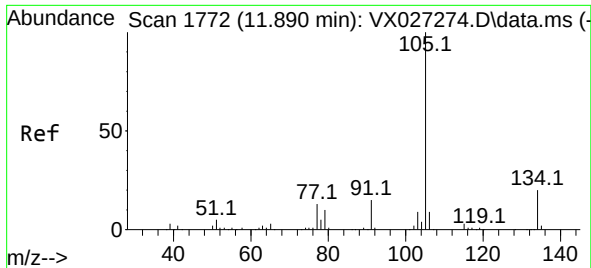
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#80
1,2,4-Trimethylbenzene
Concen: 5.012 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

Tgt Ion:105 Resp: 15801
Ion Ratio Lower Upper
105 100
120 46.6 0.0 89.6





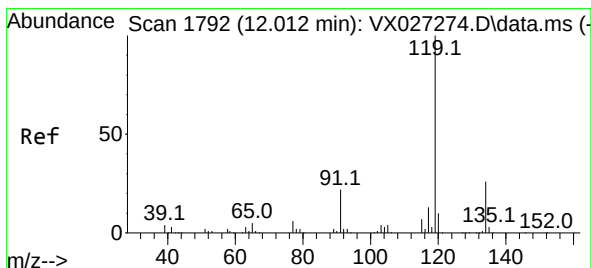
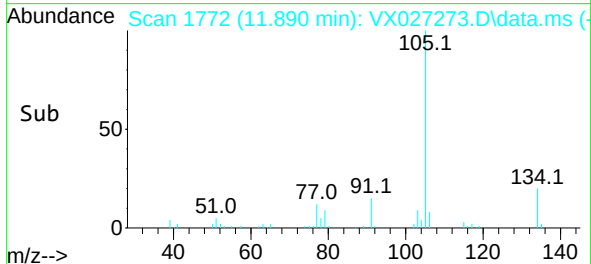
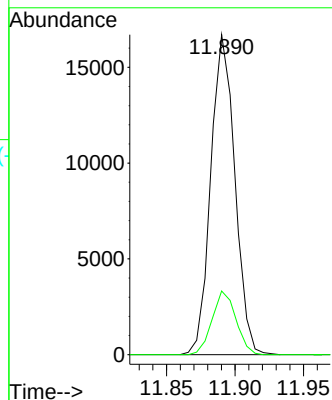
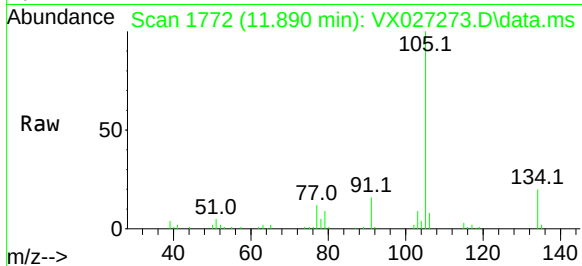
#81
 sec-Butylbenzene
 Concen: 5.286 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027273.D
 Acq: 03 Mar 2022 16:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 20418
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 41.2

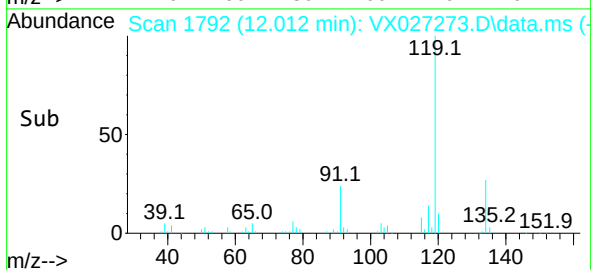
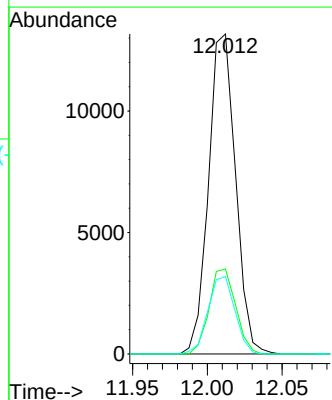
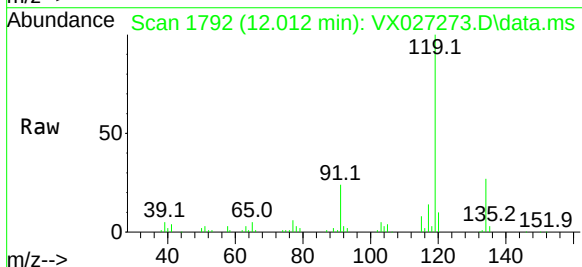
Manual Integrations
 APPROVED

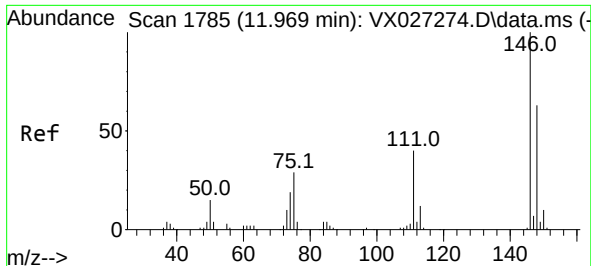
Reviewed By :John Carlone 03/04/2022
 Supervised By :Mahesh Dadoda 03/04/2022



#82
 p-Isopropyltoluene
 Concen: 5.049 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027273.D
 Acq: 03 Mar 2022 16:19

Tgt Ion:119 Resp: 16566
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.4
 91 24.1 0.0 47.2





#83

1,3-Dichlorobenzene

Concen: 5.282 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

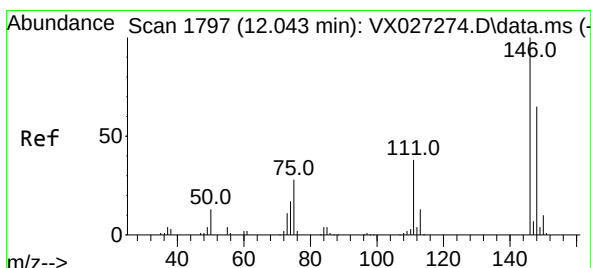
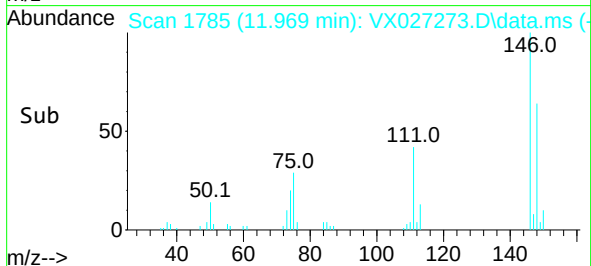
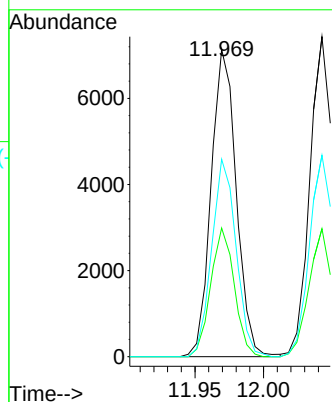
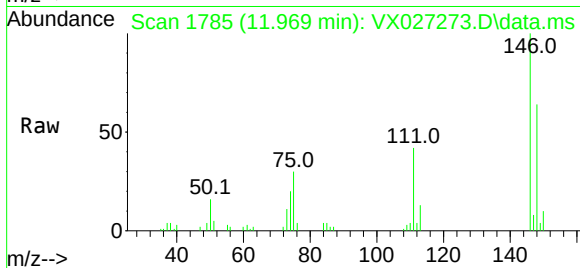
Tgt Ion:146	Resp:	9110
Ion Ratio	Lower	Upper
146	100	
111	39.3	19.8 59.4
148	62.3	31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#84

1,4-Dichlorobenzene

Concen: 5.268 ug/l

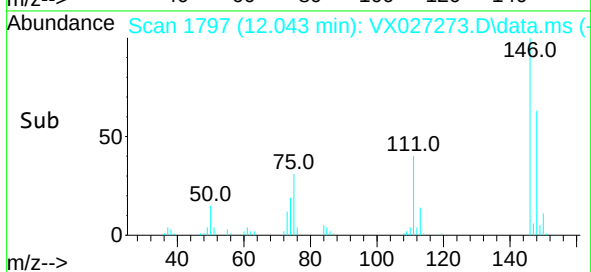
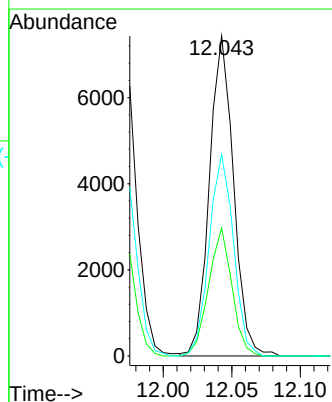
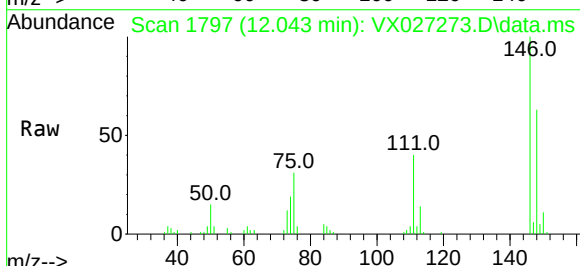
RT: 12.043 min Scan# 1797

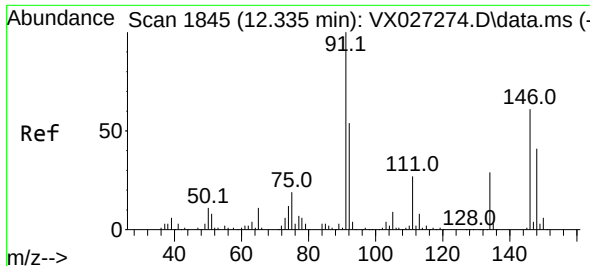
Delta R.T. 0.000 min

Lab File: VX027273.D

Acq: 03 Mar 2022 16:19

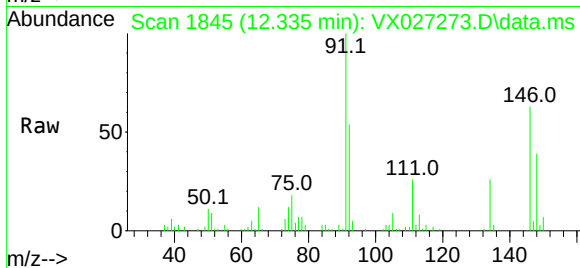
Tgt Ion:146	Resp:	9085
Ion Ratio	Lower	Upper
146	100	
111	38.7	19.2 57.6
148	63.6	32.3 96.8





#85
n-Butylbenzene
Concen: 4.849 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

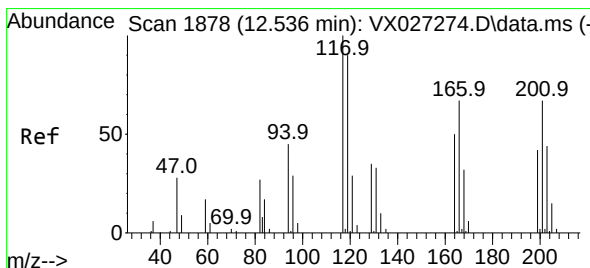
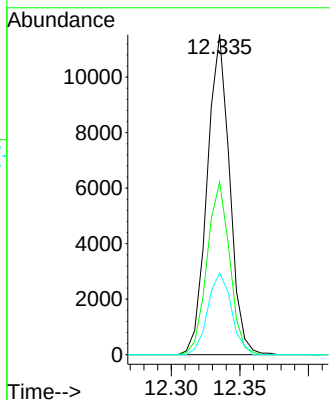
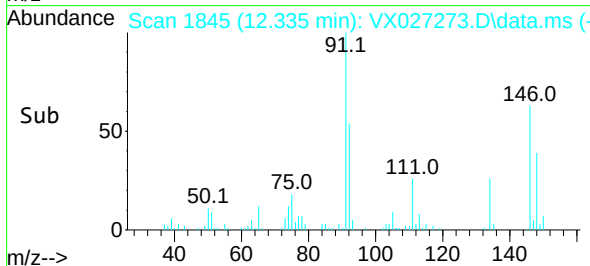
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 13108
Ion Ratio Lower Upper
91 100
92 54.2 0.0 109.4
134 26.8 0.0 56.4

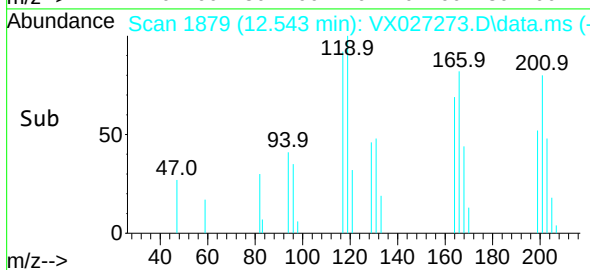
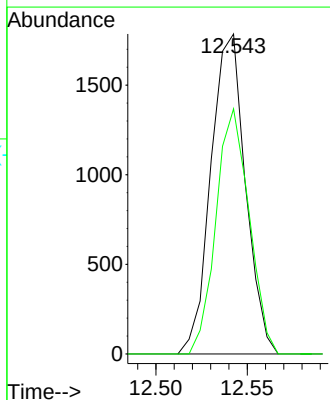
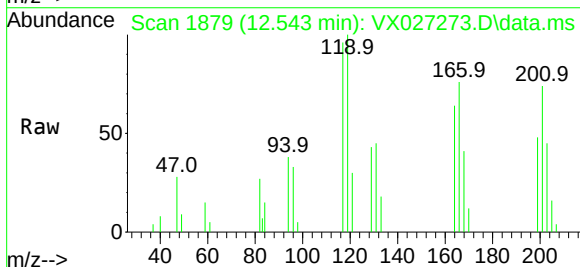
Manual Integrations
APPROVED

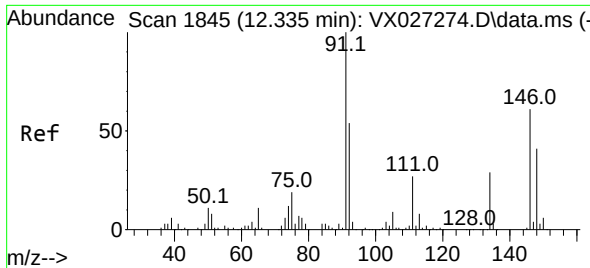
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#86
Hexachloroethane
Concen: 4.545 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

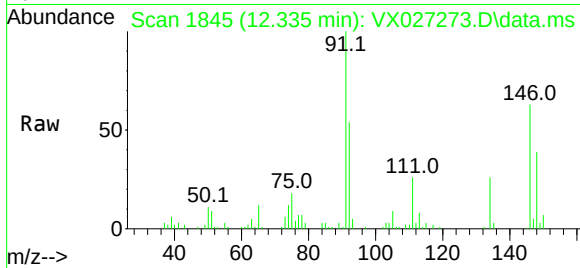
Tgt Ion:117 Resp: 2351
Ion Ratio Lower Upper
117 100
201 73.4 39.5 118.5





#87
1,2-Dichlorobenzene
Concen: 5.253 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

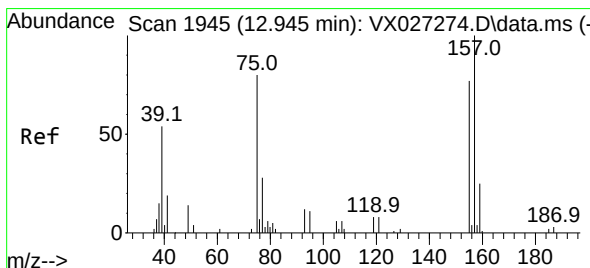
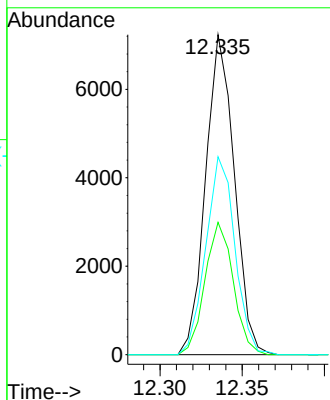
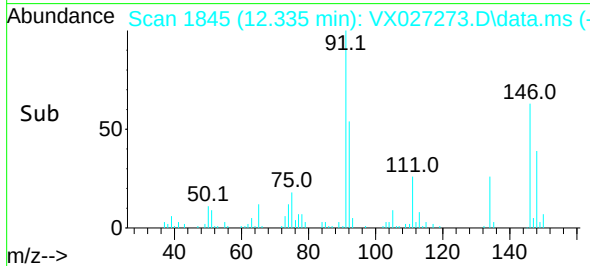
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



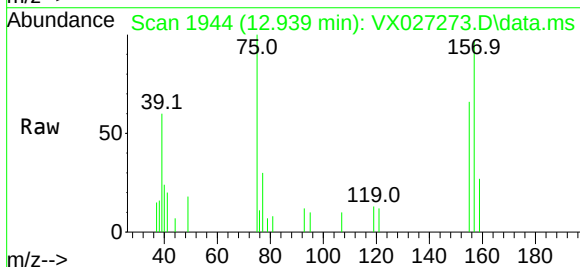
Tgt Ion:146 Resp: 878
Ion Ratio Lower Upper
146 100
111 40.7 21.1 63.3
148 62.8 31.4 94.2

Manual Integrations
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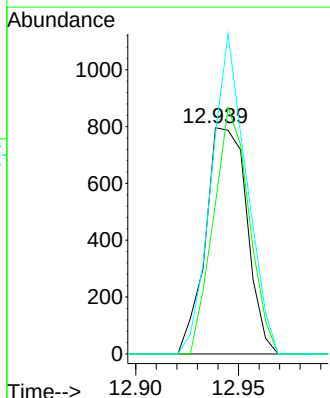
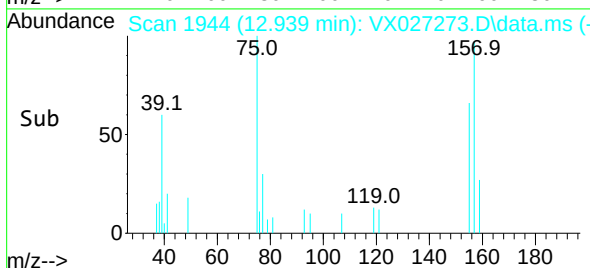
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

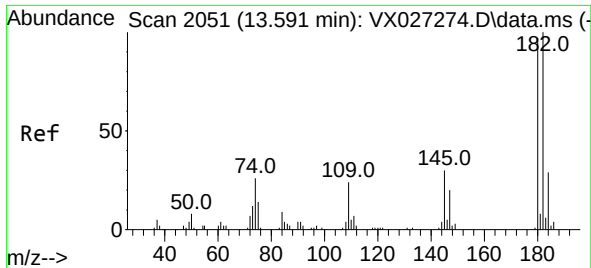


#88
1,2-Dibromo-3-Chloropropane
Concen: 4.134 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19



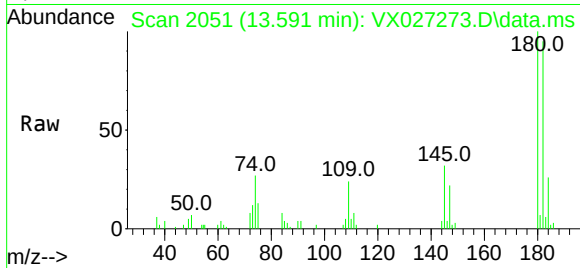
Tgt Ion: 75 Resp: 1113
Ion Ratio Lower Upper
75 100
155 93.3 74.3 111.5
157 120.0 97.3 145.9





#89
1,2,4-Trichlorobenzene
Concen: 5.177 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

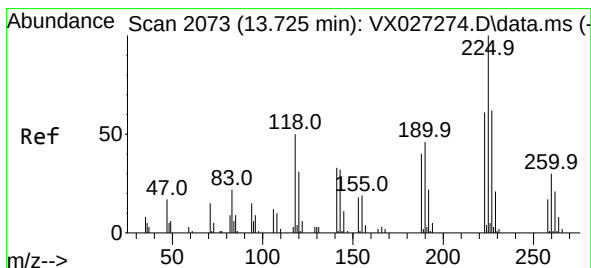
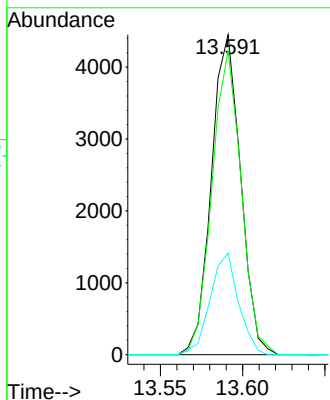
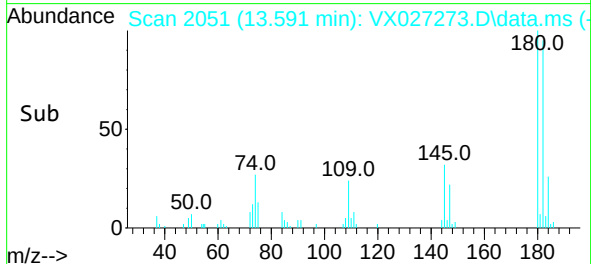
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



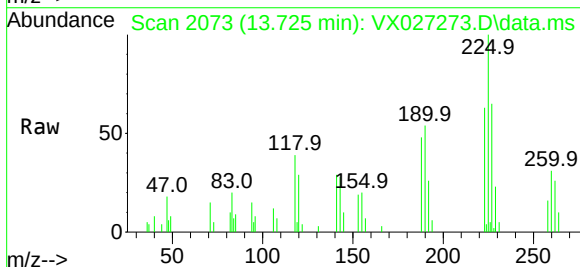
Tgt Ion:180 Resp: 550
Ion Ratio Lower Upper
180 100
182 94.9 77.4 116.2
145 30.8 24.2 36.4

Manual Integrations
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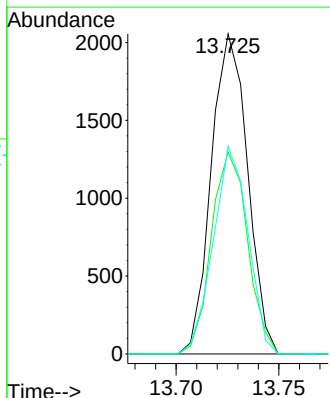
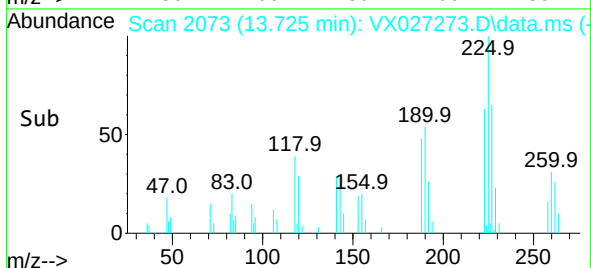
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

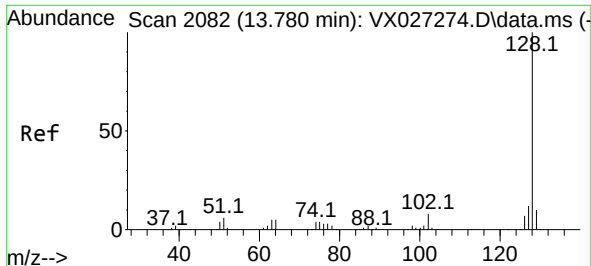


#90
Hexachlorobutadiene
Concen: 5.665 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19



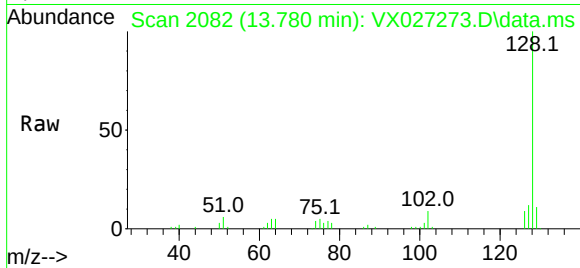
Tgt Ion:225 Resp: 2527
Ion Ratio Lower Upper
225 100
223 62.8 0.0 126.0
227 62.2 0.0 125.0





#91
Naphthalene
Concen: 4.591 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19

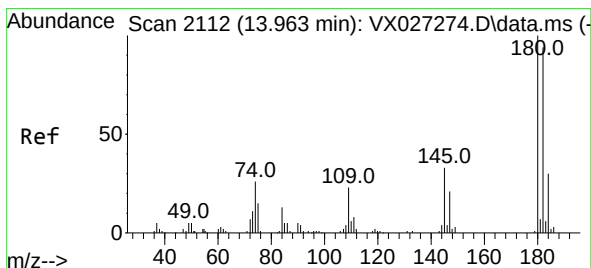
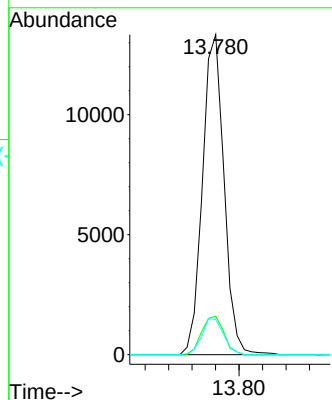
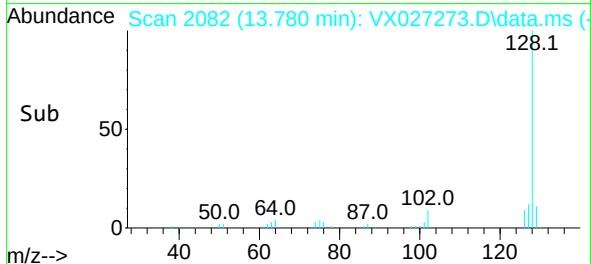
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



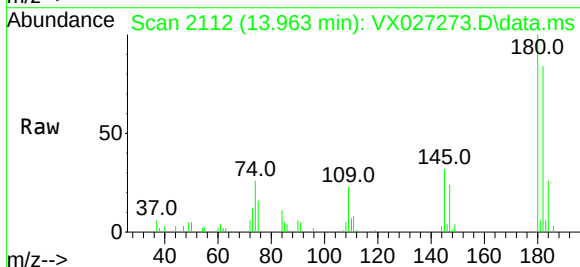
Tgt Ion:128 Resp: 1698
Ion Ratio Lower Upper
128 100
127 12.3 10.0 15.0
129 11.5 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#92
1,2,3-Trichlorobenzene
Concen: 5.397 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027273.D
Acq: 03 Mar 2022 16:19



Tgt Ion:180 Resp: 5791
Ion Ratio Lower Upper
180 100
182 90.2 0.0 189.4
145 32.9 0.0 67.2

