

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031425.D
 Acq On : 16 Sep 2022 21:06
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2022
 Supervised By : Mahesh Dadoda 09/19/2022

Quant Time: Sep 17 01:49:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X091622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 16 12:41:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	10885	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	61223	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	56455	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	29875	30.465	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.533%
60) 4-Bromofluorobenzene	11.079	95	29873	26.248	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.500%
63) Toluene-d8	8.653	98	91242	29.524	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	10938	18.546	ug/l	96
3) Chloromethane	1.288	50	16411	20.189	ug/l	98
4) Vinyl Chloride	1.374	62	18876	20.038	ug/l	98
5) Bromomethane	1.611	94	21354	17.115	ug/l	97
6) Chloroethane	1.691	64	19112	17.205	ug/l	95
7) Trichlorofluoromethane	1.886	101	40687	17.734	ug/l	94
8) Diethyl Ether	2.136	74	14041	18.358	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	14619	18.707	ug/l	91
10) 1,1-Dichloroethene	2.319	96	14097	19.272	ug/l	95
11) Methyl Iodide	2.453	142	7615	8.634	ug/l	93
12) Methyl Acetate	2.709	43	22094	19.627	ug/l	92
13) Acrolein	2.239	56	14161	94.827	ug/l	98
14) Acrylonitrile	3.068	53	43832	95.483	ug/l	99
15) Acetone	2.386	58	12264	95.362	ug/l	98
16) Carbon Disulfide	2.514	76	33740	17.869	ug/l	99
17) Allyl chloride	2.666	41	20933	17.655	ug/l	88
18) Methylene Chloride	2.788	84	16085	19.009	ug/l	95
19) trans-1,2-Dichloroethene	3.093	96	16105	18.715	ug/l	90
20) Diisopropyl ether	3.763	45	48486	17.412	ug/l	95
21) 1,1-Dichloroethane	3.611	63	27131	18.486	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	17636	17.993	ug/l	98
23) tert-Butyl Alcohol	2.983	59	23149	97.921	ug/l	# 100
24) Methyl tert-Butyl Ether	3.117	73	49611	17.898	ug/l	96
25) Chloroform	5.099	83	30023	17.935	ug/l	98
26) Cyclohexane	5.476	56	23271	17.558	ug/l	# 99
29) 1,1-Dichloropropene	5.690	75	21422	17.383	ug/l	86
30) 2-Butanone	4.562	43	63445	91.256	ug/l	99
31) 2,2-Dichloropropane	4.483	77	19444	14.107	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	26396	17.317	ug/l	98
33) Carbon Tetrachloride	5.684	117	23053	17.114	ug/l	98
34) Benzene	6.043	78	63273	17.447	ug/l	97
35) Methacrylonitrile	4.928	41	12537	18.005	ug/l	97
36) 1,2-Dichloroethane	6.086	62	23619	17.250	ug/l	98
37) Trichloroethene	7.129	130	17571	17.895	ug/l	99
38) Methylcyclohexane	7.385	83	24037	16.687	ug/l	98
39) 1,2-Dichloropropane	7.433	63	15898	18.272	ug/l	96
40) Dibromomethane	7.586	93	12634	18.778	ug/l	88
41) Bromodichloromethane	7.824	83	22865	17.322	ug/l	98
42) Vinyl Acetate	3.727	43	212912	85.363	ug/l	98

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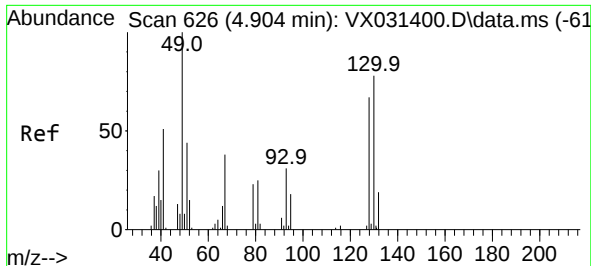
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	25661	18.829	ug/l	100
44) Isopropyl Acetate	6.348	43	38669	17.074	ug/l	97
45) 1,4-Dioxane	7.690	88	9241	378.030	ug/l	92
46) Methyl methacrylate	7.696	41	17653	17.412	ug/l	86
47) n-amyl Acetate	10.847	43	33814	16.735	ug/l	94
48) t-1,3-Dichloropropene	8.982	75	22619	15.029	ug/l	94
49) cis-1,3-Dichloropropene	8.372	75	24551	16.038	ug/l	92
50) 1,1,2-Trichloroethane	9.153	97	17454	17.153	ug/l	97
51) Ethyl methacrylate	9.116	69	24869	16.354	ug/l	87
52) 1,3-Dichloropropane	9.311	76	28422	17.203	ug/l	99
53) Dibromochloromethane	9.525	129	16901	14.887	ug/l	96
54) 1,2-Dibromoethane	9.610	107	18249	16.247	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	64923	83.112	ug/l	98
56) Bromoform	10.805	173	12339	14.516	ug/l	96
58) 4-Methyl-2-Pentanone	8.573	43	133502	98.708	ug/l	96
59) 2-Hexanone	9.433	43	101139	97.643	ug/l	97
61) Tetrachloroethene	9.275	164	16694	18.230	ug/l	90
62) Toluene	8.720	91	72214	17.683	ug/l	97
64) Chlorobenzene	10.079	112	45093	17.758	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	16463	17.626	ug/l	97
66) Ethyl Benzene	10.195	91	78971	17.383	ug/l	98
67) m/p-Xylenes	10.305	106	62301	32.349	ug/l	97
68) o-Xylene	10.640	106	30314	16.516	ug/l	100
69) Styrene	10.659	104	49039	15.674	ug/l	99
70) Isopropylbenzene	10.963	105	78120	15.979	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	27985	18.459	ug/l	99
72) 1,2,3-Trichloropropane	11.244	75	23550m	16.905	ug/l	
73) Bromobenzene	11.201	156	19252	16.344	ug/l	96
74) n-propylbenzene	11.305	91	92497	16.256	ug/l	97
75) 2-Chlorotoluene	11.366	91	54415	16.330	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	67641	15.621	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	6334	13.445	ug/l	97
78) 4-Chlorotoluene	11.457	91	61865	15.546	ug/l	97
79) tert-butylbenzene	11.713	119	65605	16.020	ug/l	97
80) 1,2,4-Trimethylbenzene	11.756	105	65625	15.631	ug/l	98
81) sec-Butylbenzene	11.890	105	82895	15.940	ug/l	98
82) p-Isopropyltoluene	12.012	119	67251	15.151	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	36412	15.612	ug/l	100
84) 1,4-Dichlorobenzene	12.042	146	36289	15.151	ug/l	99
85) n-Butylbenzene	12.335	91	57270	15.351	ug/l	96
86) Hexachloroethane	12.542	117	11264	15.110	ug/l	88
87) 1,2-Dichlorobenzene	12.335	146	36763	15.874	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	5298	16.404	ug/l	98
89) 1,2,4-Trichlorobenzene	13.591	180	21304	16.750	ug/l	99
90) Hexachlorobutadiene	13.725	225	7921	16.983	ug/l	97
91) Naphthalene	13.774	128	79628	17.362	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	22268	17.452	ug/l	99

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



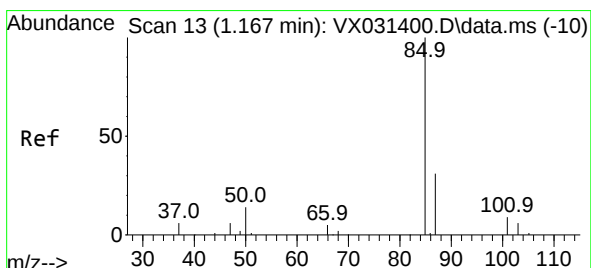
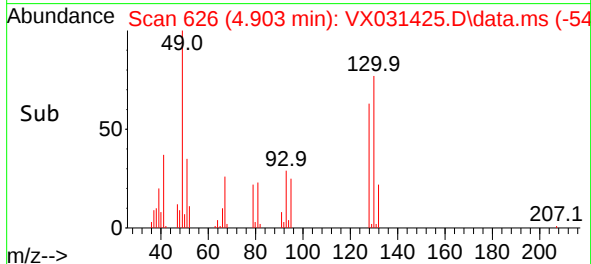
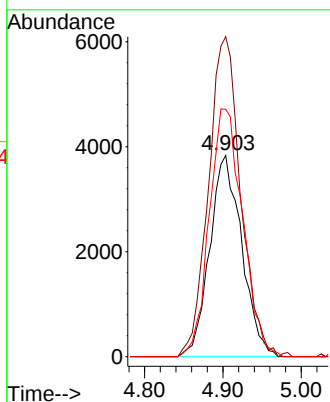
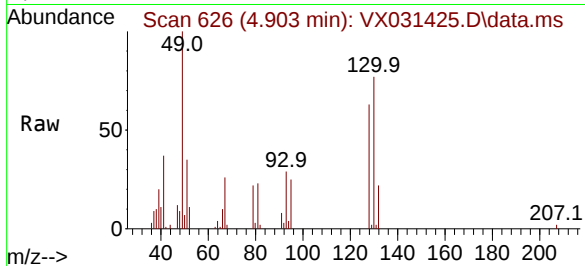
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 1088
Ion Ratio Lower Upper
128 100
49 159.7 0.0 358.3
130 128.5 0.0 319.3

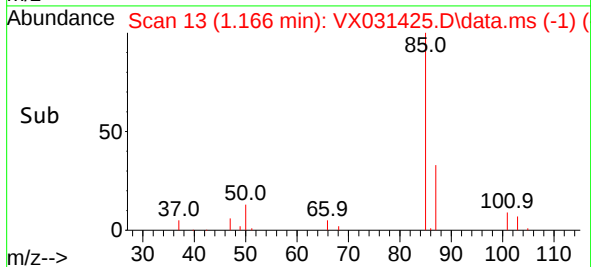
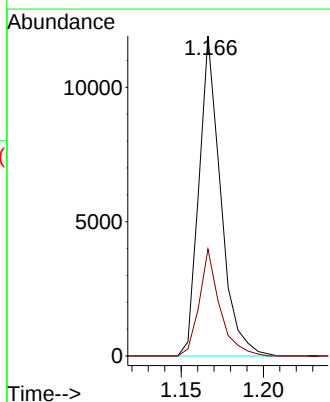
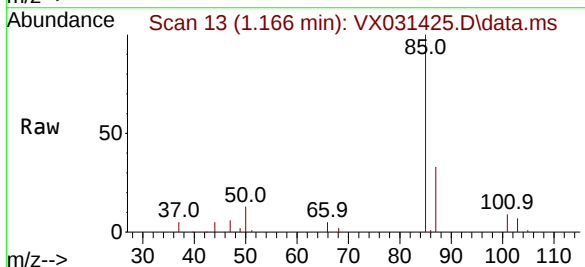
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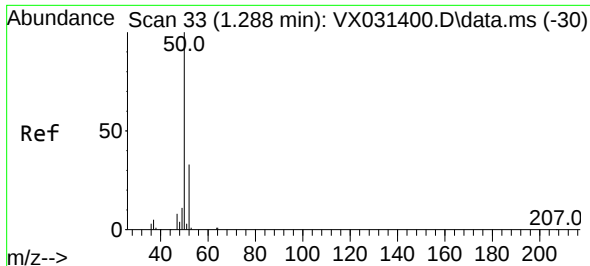
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#2
Dichlorodifluoromethane
Concen: 18.546 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

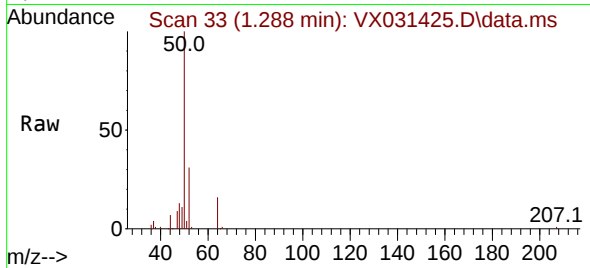
Tgt Ion: 85 Resp: 10938
Ion Ratio Lower Upper
85 100
87 33.4 15.6 46.8





#3
Chloromethane
Concen: 20.189 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

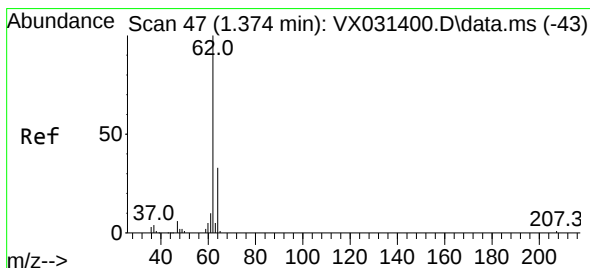
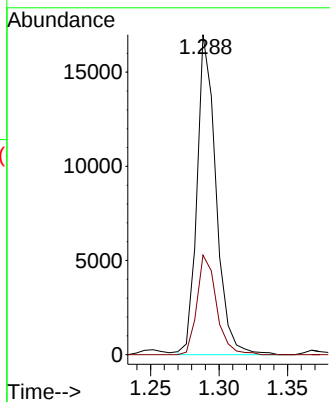
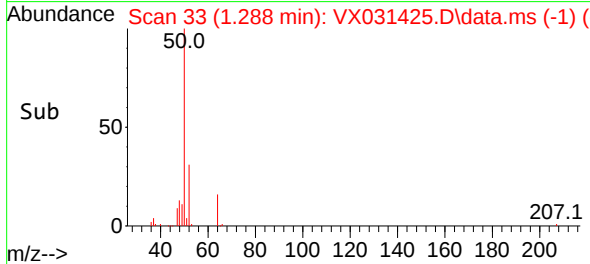
Instrument :
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ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 1641
Ion Ratio Lower Upper
50 100
52 31.1 25.6 38.4

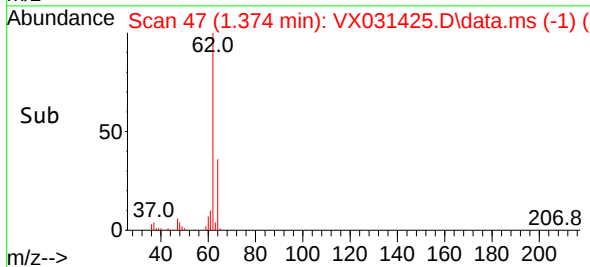
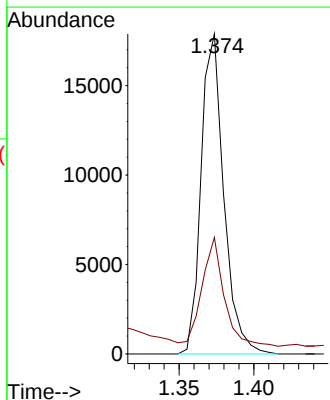
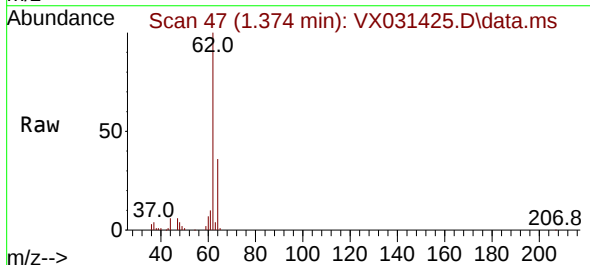
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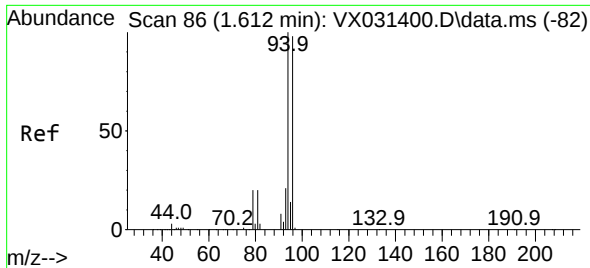
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#4
Vinyl Chloride
Concen: 20.038 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Tgt Ion: 62 Resp: 18876
Ion Ratio Lower Upper
62 100
64 34.0 26.2 39.2





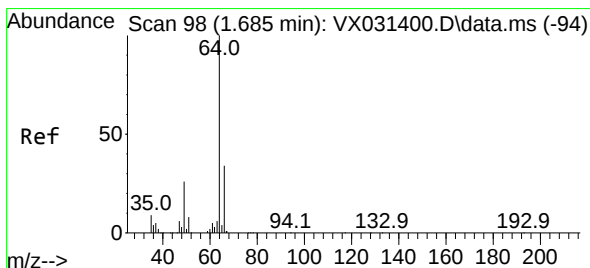
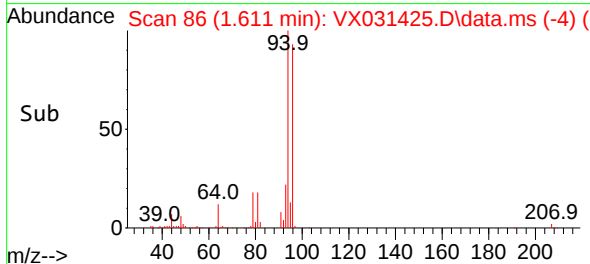
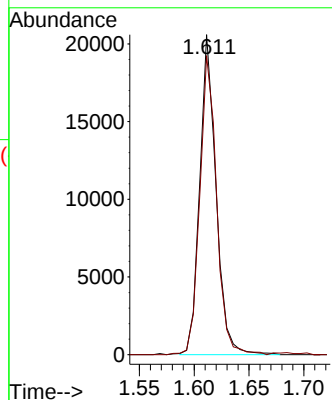
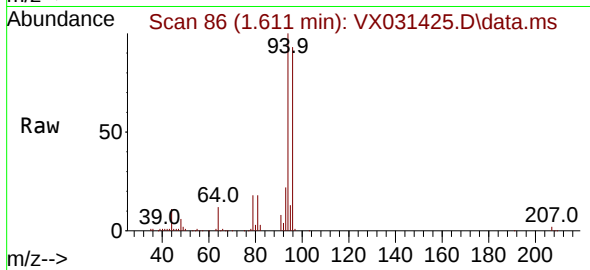
#5
Bromomethane
Concen: 17.115 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tgt Ion: 94 Resp: 21354
Ion Ratio Lower Upper
94 100
96 93.0 77.0 115.6

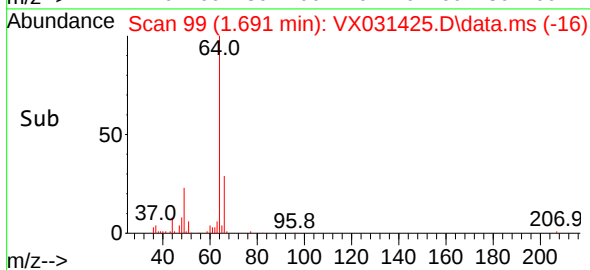
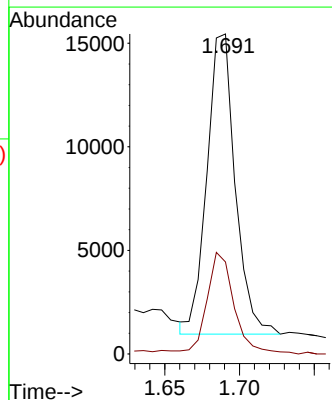
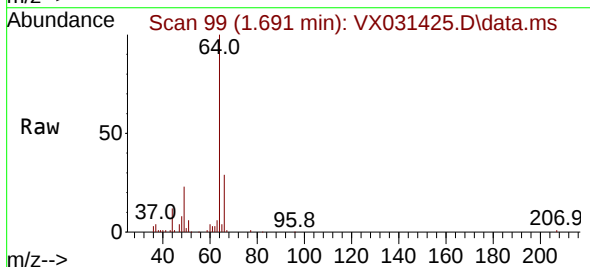
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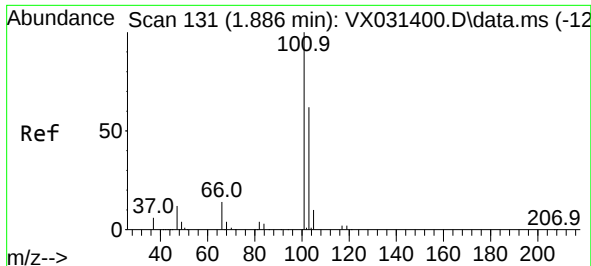
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#6
Chloroethane
Concen: 17.205 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

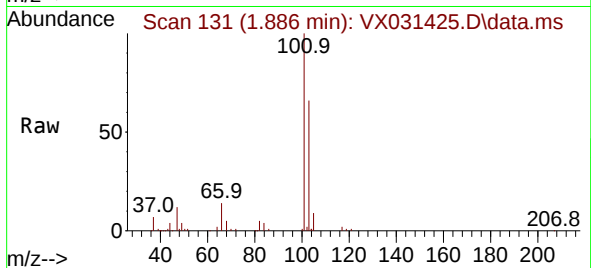
Tgt Ion: 64 Resp: 19112
Ion Ratio Lower Upper
64 100
66 29.9 26.4 39.6





#7
Trichlorofluoromethane
Concen: 17.734 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

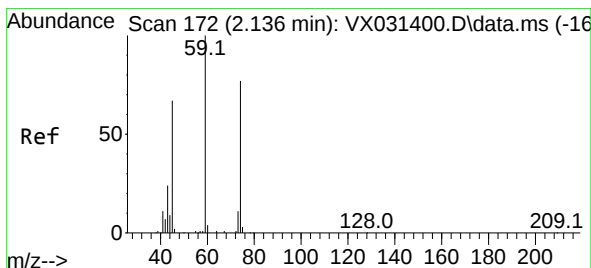
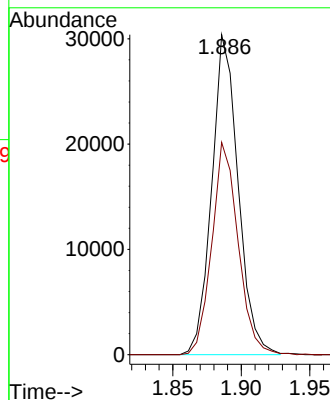
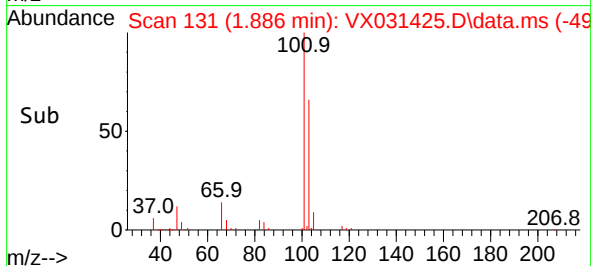
Instrument :
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Tgt Ion:101 Resp: 4068
Ion Ratio Lower Upper
101 100
103 66.3 49.6 74.4

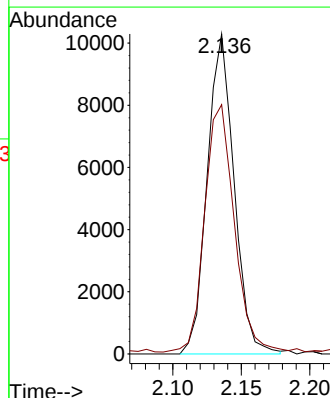
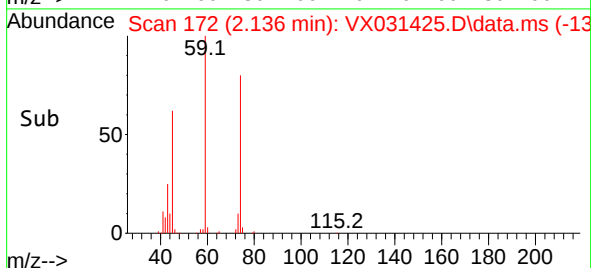
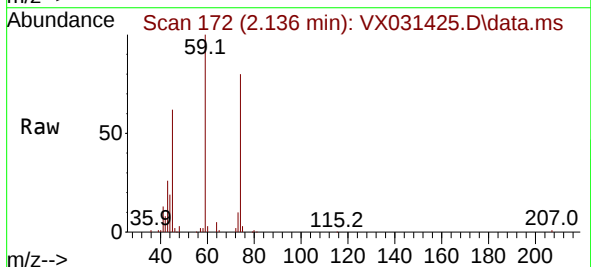
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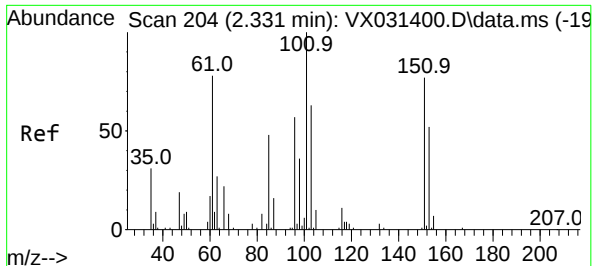
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#8
Diethyl Ether
Concen: 18.358 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Tgt Ion: 74 Resp: 14041
Ion Ratio Lower Upper
74 100
45 87.3 18.7 168.7





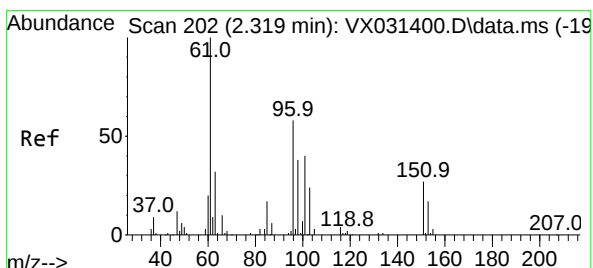
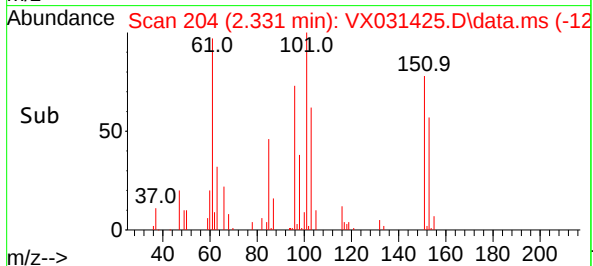
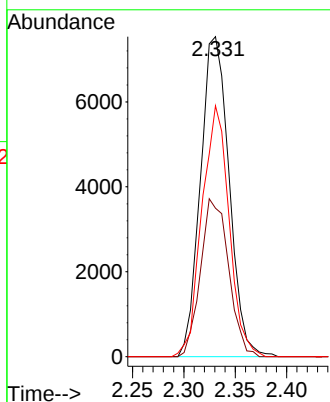
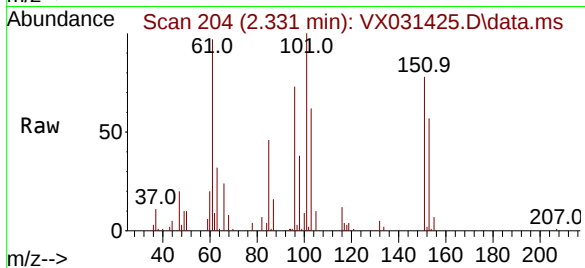
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1,1,2-Trichlorotrifluoroethane
Concen: 18.707 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 14619
Ion Ratio Lower Upper
101 100
85 48.3 0.0 84.6
151 74.4 0.0 165.4

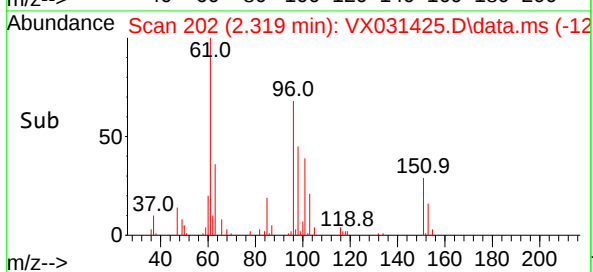
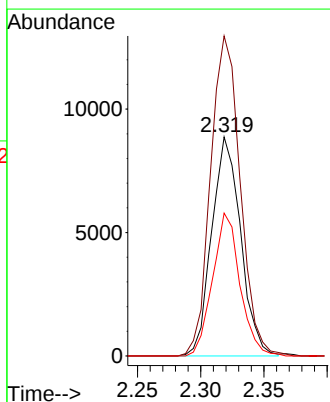
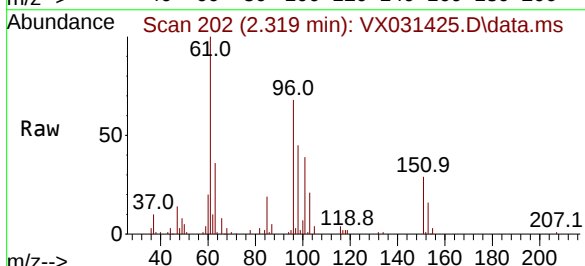
Manual Integrations
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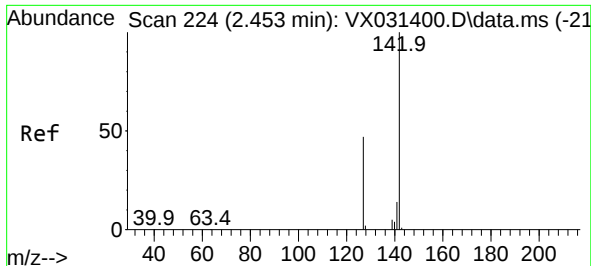
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#10
1,1-Dichloroethene
Concen: 19.272 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Tgt Ion: 96 Resp: 14097
Ion Ratio Lower Upper
96 100
61 146.1 122.6 183.8
98 65.2 50.1 75.1





#11

Methyl Iodide

Concen: 8.634 ug/l

RT: 2.453 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

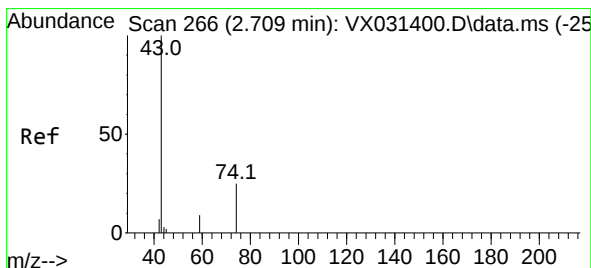
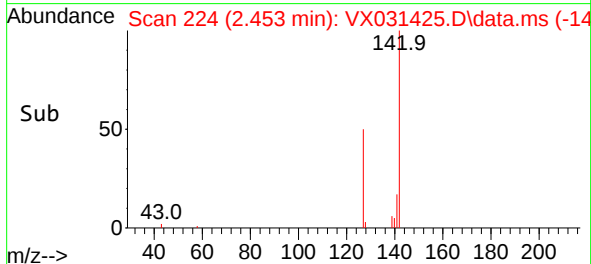
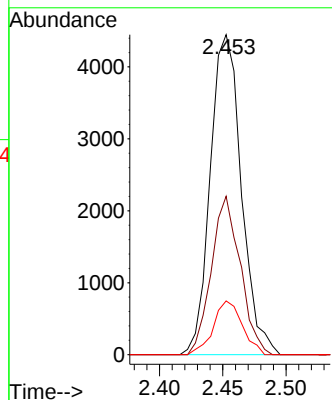
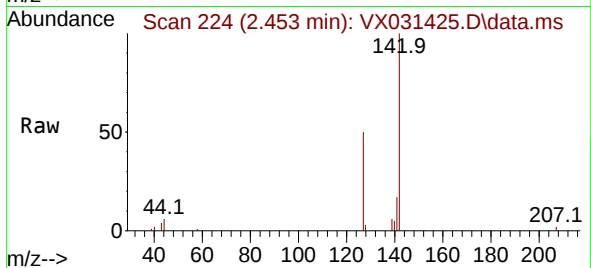
Tgt Ion:	142	Resp:	761
Ion	Ratio	Lower	Upper
142	100		
127	49.5	22.3	66.9
141	16.8	7.0	20.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#12

Methyl Acetate

Concen: 19.627 ug/l

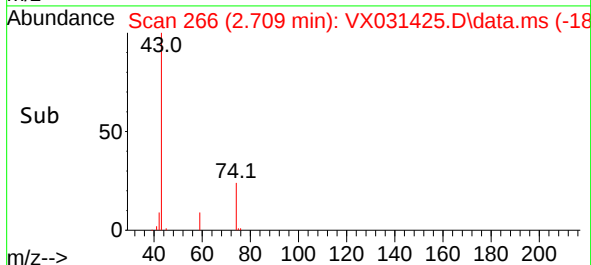
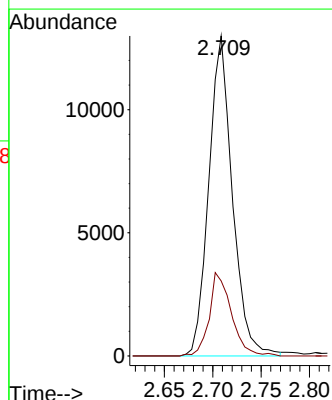
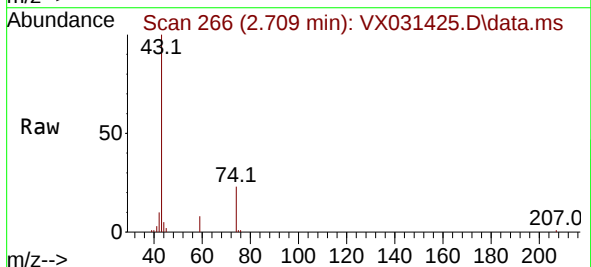
RT: 2.709 min Scan# 266

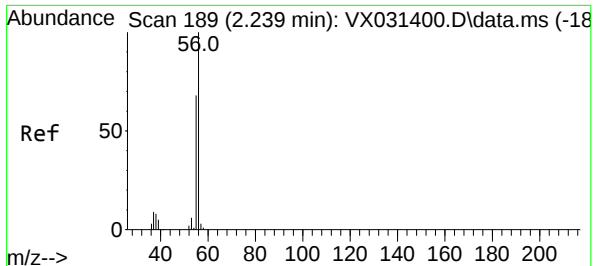
Delta R.T. -0.000 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

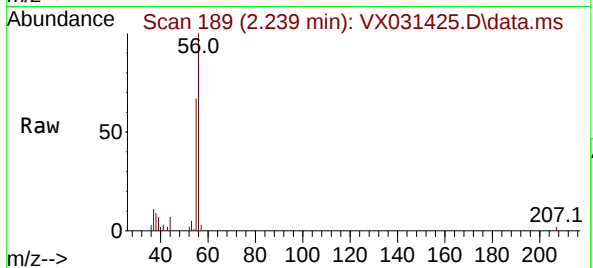
Tgt Ion:	43	Resp:	22094
Ion	Ratio	Lower	Upper
43	100		
74	23.6	22.1	33.1





#13
Acrolein
Concen: 94.827 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

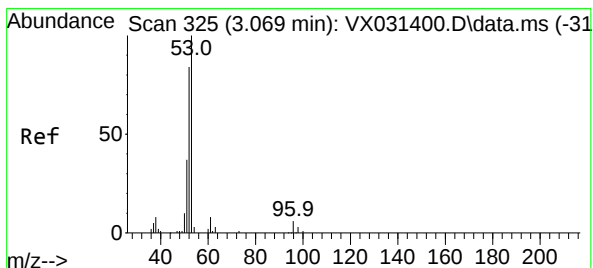
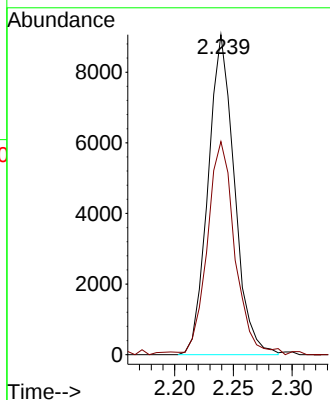
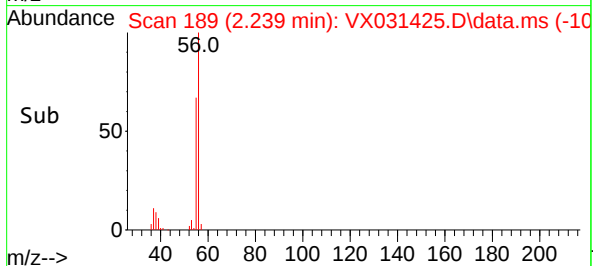
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 1416
Ion Ratio Lower Upper
56 100
55 68.7 56.4 84.6

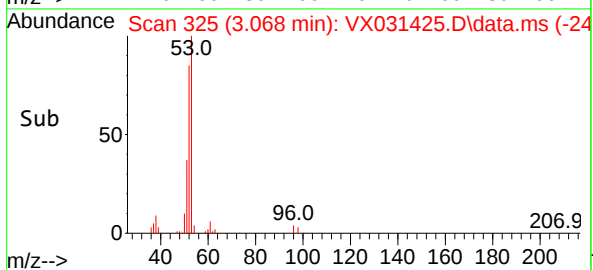
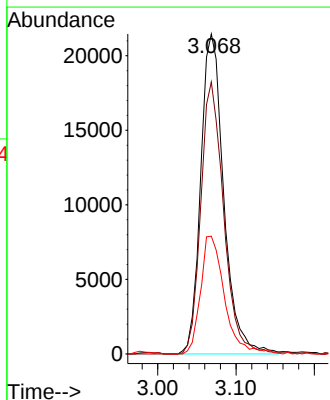
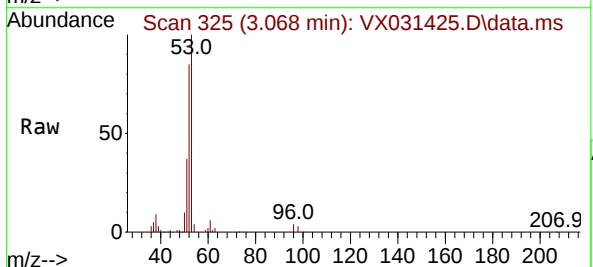
Manual Integrations
APPROVED

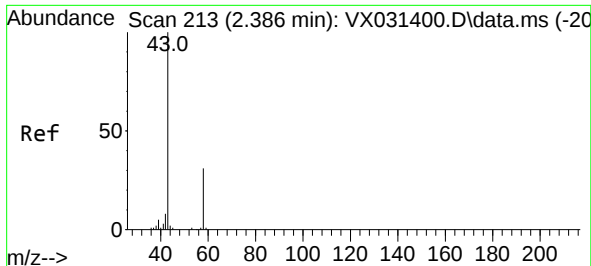
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#14
Acrylonitrile
Concen: 95.483 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

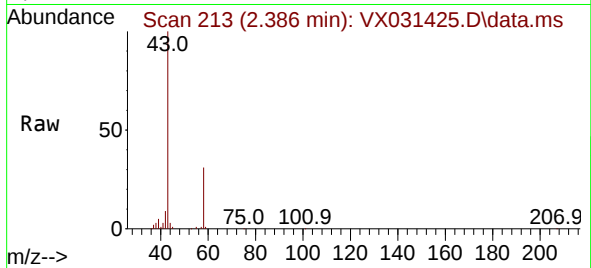
Tgt Ion: 53 Resp: 43832
Ion Ratio Lower Upper
53 100
52 84.3 41.5 124.5
51 37.1 18.1 54.4





#15
Acetone
Concen: 95.362 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

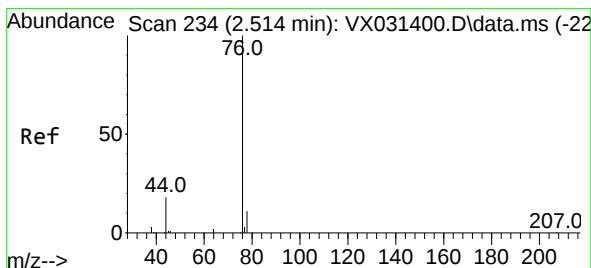
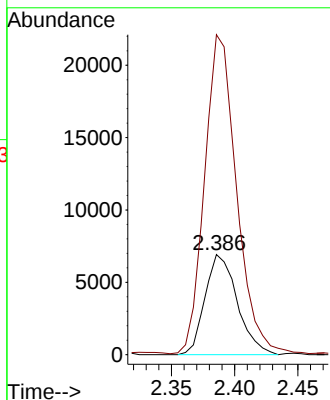
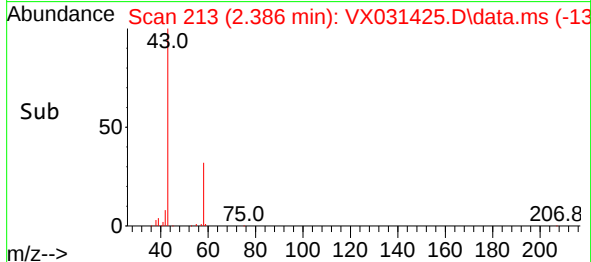
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



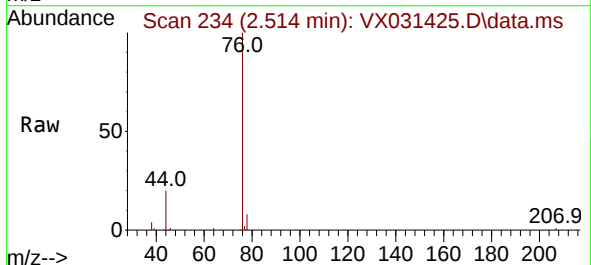
Tgt Ion: 58 Resp: 12264
Ion Ratio Lower Upper
58 100
43 317.6 250.2 375.2

Manual Integrations
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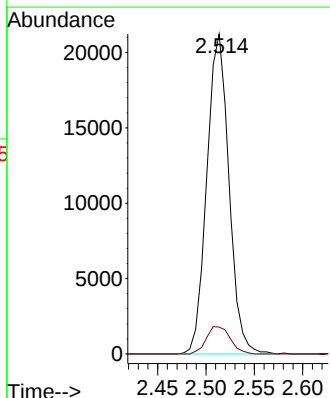
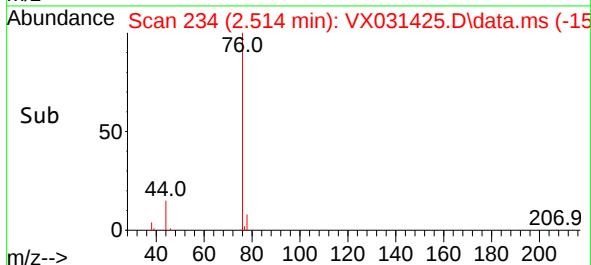
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

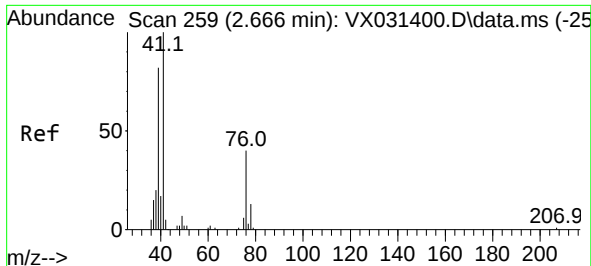


#16
Carbon Disulfide
Concen: 17.869 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06



Tgt Ion: 76 Resp: 33740
Ion Ratio Lower Upper
76 100
78 8.4 7.1 10.7





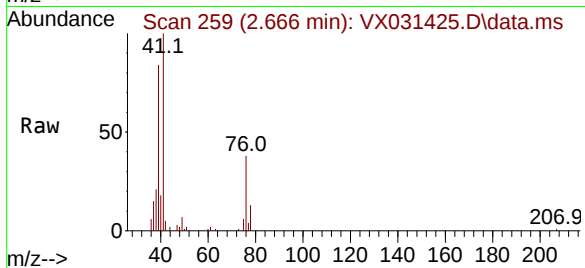
#17
 Allyl chloride
 Concen: 17.655 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX031425.D
 Acq: 16 Sep 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



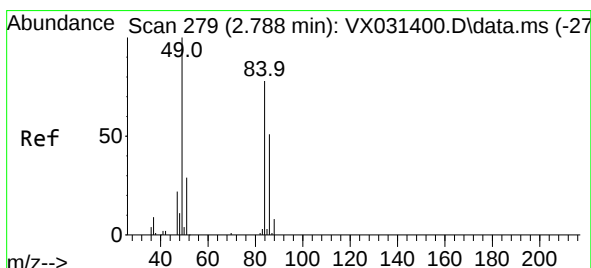
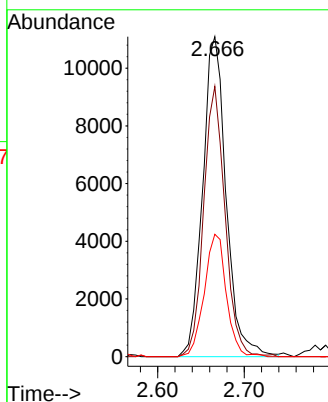
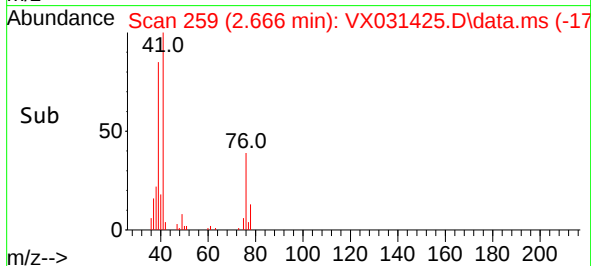
Tgt Ion: 41 Resp: 2093
 Ion Ratio Lower Upper
 41 100
 39 84.5 35.4 106.1
 76 38.2 18.4 55.4

Manual Integrations

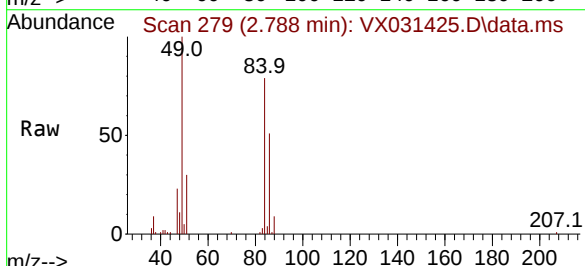
APPROVED

Reviewed By :John Carlone 09/17/2022

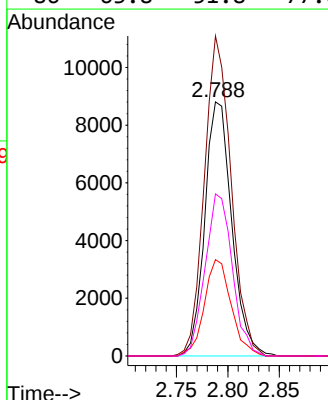
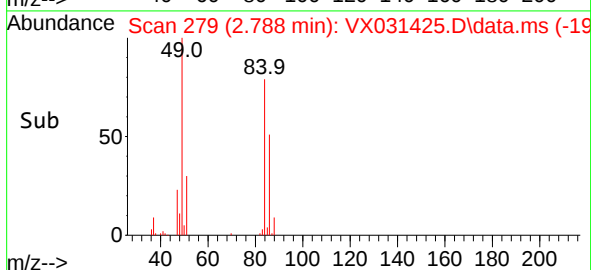
Supervised By :Mahesh Dadoda 09/19/2022

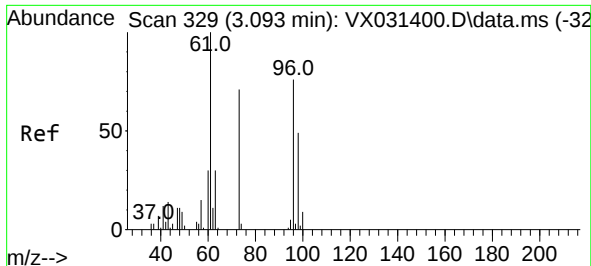


#18
 Methylene Chloride
 Concen: 19.009 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX031425.D
 Acq: 16 Sep 2022 21:06



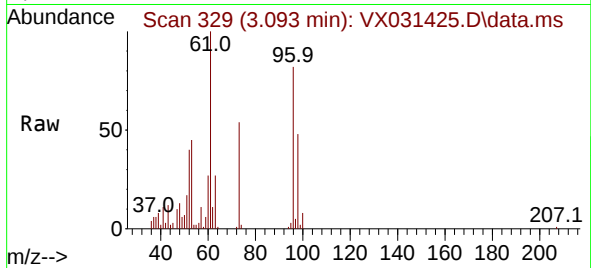
Tgt Ion: 84 Resp: 16085
 Ion Ratio Lower Upper
 84 100
 49 125.9 94.2 141.2
 51 37.9 29.2 43.8
 86 63.8 51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 18.715 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

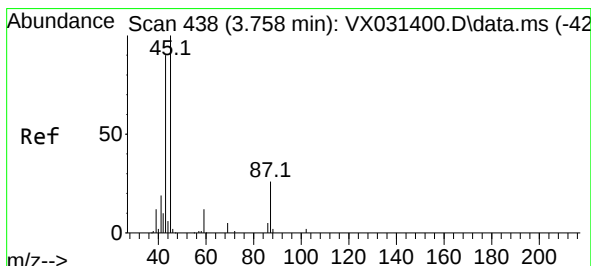
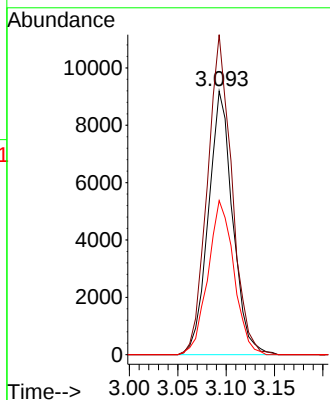
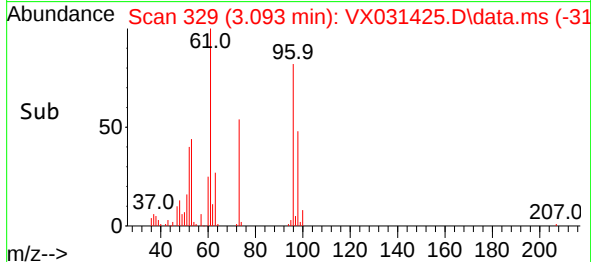
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



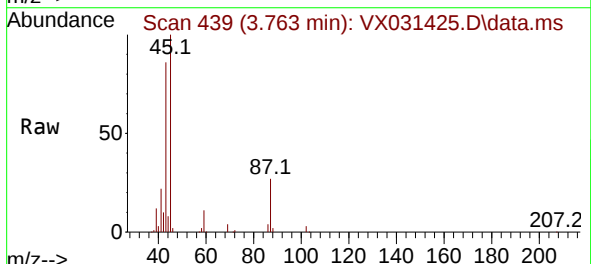
Tgt Ion: 96 Resp: 1610
Ion Ratio Lower Upper
96 100
61 121.4 108.7 163.1
98 58.5 49.2 73.8

Manual Integrations
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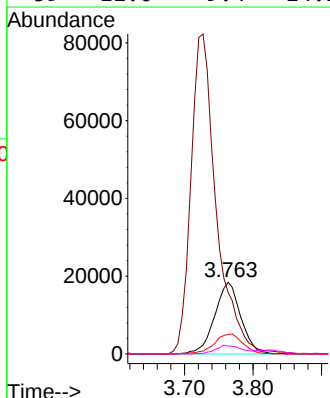
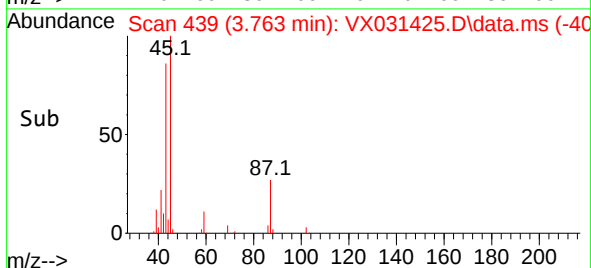
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

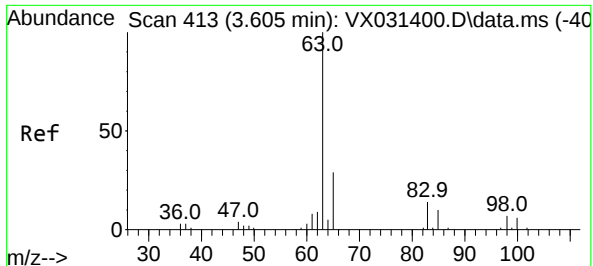


#20
Diisopropyl ether
Concen: 17.412 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06



Tgt Ion: 45 Resp: 48486
Ion Ratio Lower Upper
45 100
43 83.0 70.3 105.5
87 27.4 24.5 36.7
59 11.0 9.4 14.2





#21

1,1-Dichloroethane

Concen: 18.486 ug/l

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

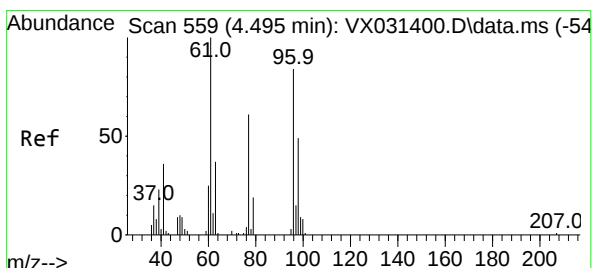
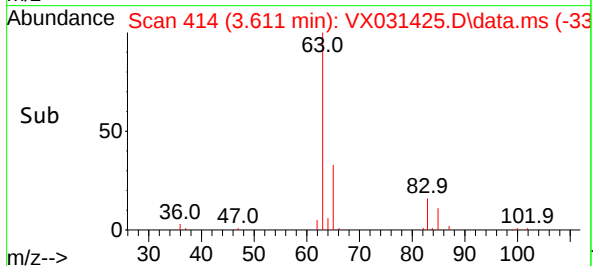
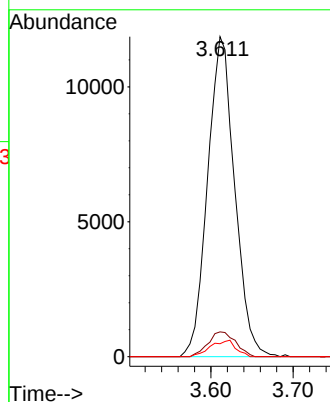
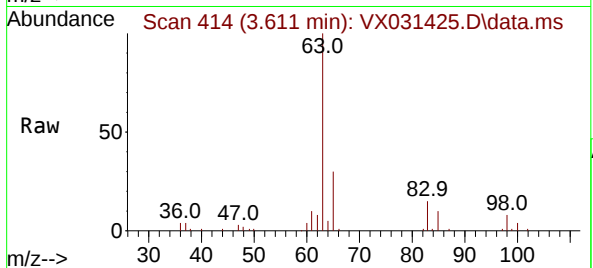
Tgt Ion:	63	Resp:	2713
Ion Ratio	Lower	Upper	
63	100		
98	7.7	3.8	11.2
100	4.1	2.5	7.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#22

cis-1,2-Dichloroethene

Concen: 17.993 ug/l

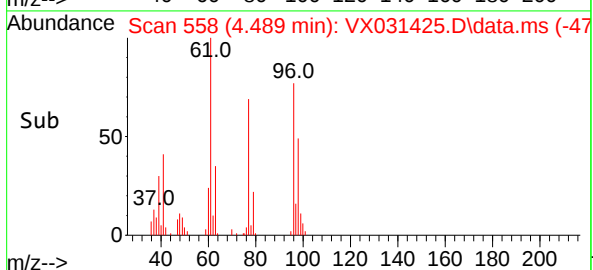
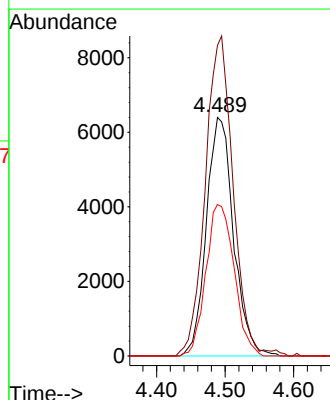
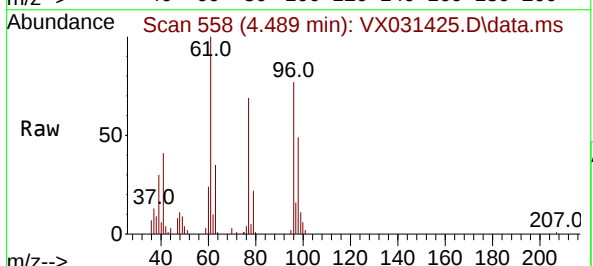
RT: 4.489 min Scan# 558

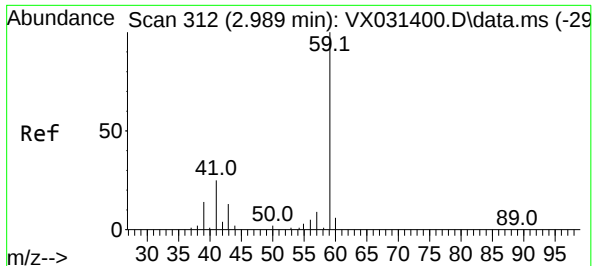
Delta R.T. -0.000 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

Tgt Ion:	96	Resp:	17636
Ion Ratio	Lower	Upper	
96	100		
61	135.7	107.4	161.2
98	65.9	51.1	76.7





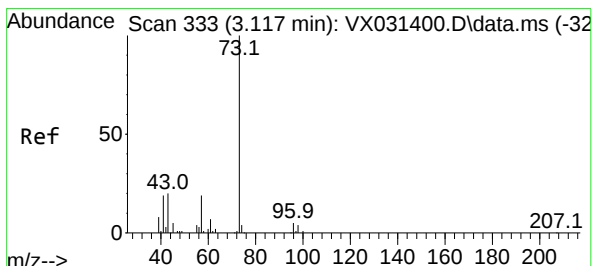
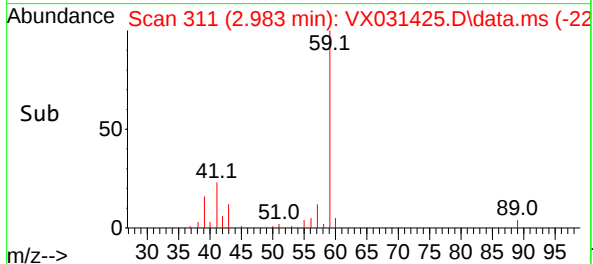
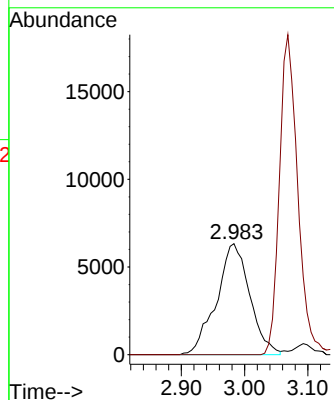
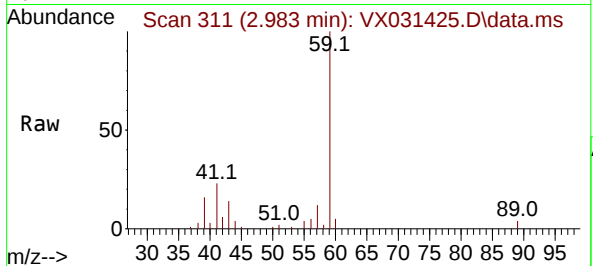
#23
tert-Butyl Alcohol
Concen: 97.921 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 23149
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

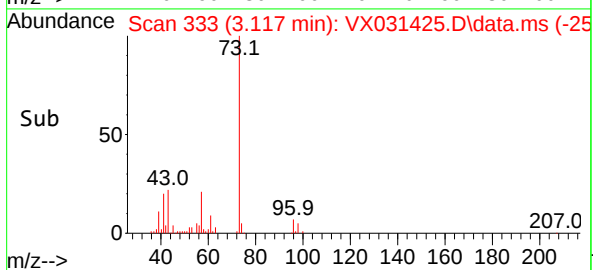
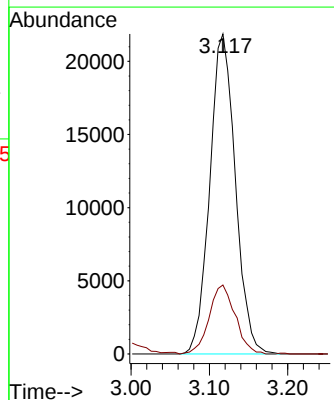
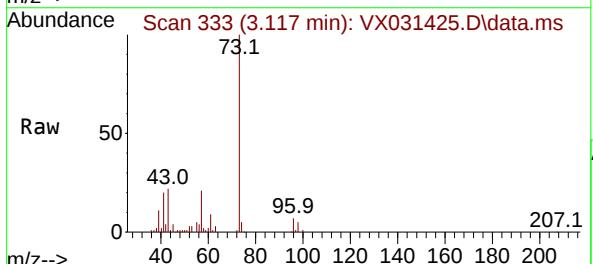
Manual Integrations
APPROVED

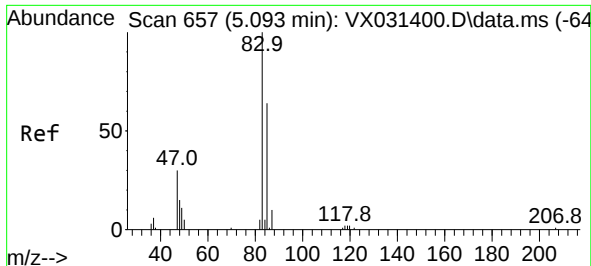
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#24
Methyl tert-Butyl Ether
Concen: 17.898 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

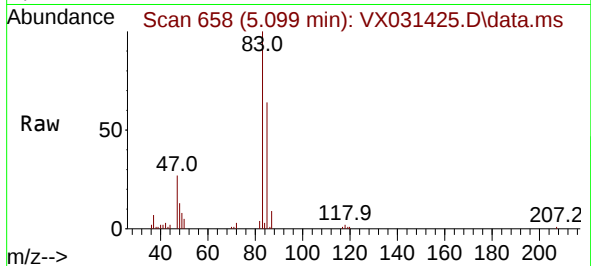
Tgt Ion: 73 Resp: 49611
Ion Ratio Lower Upper
73 100
43 21.9 16.0 24.0





#25
Chloroform
Concen: 17.935 ug/l
RT: 5.099 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

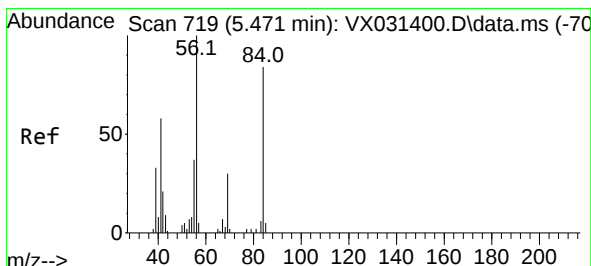
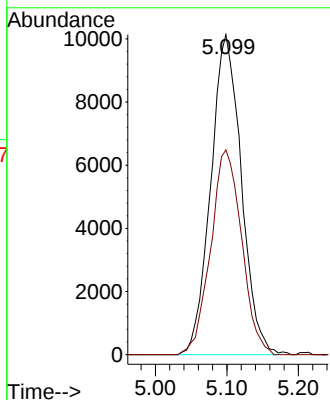
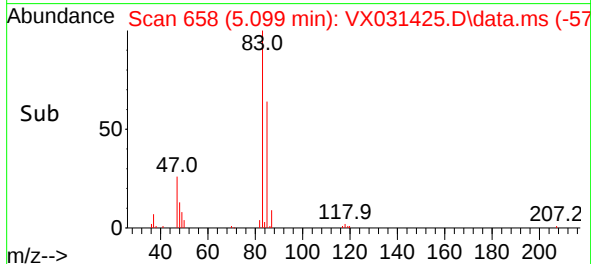
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 3002
Ion Ratio Lower Upper
83 100
85 64.0 49.9 74.9

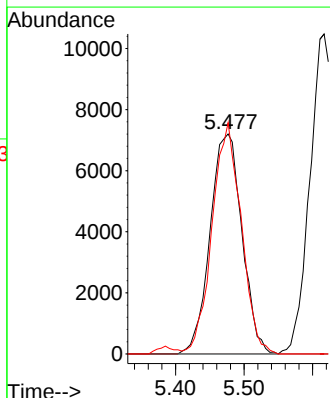
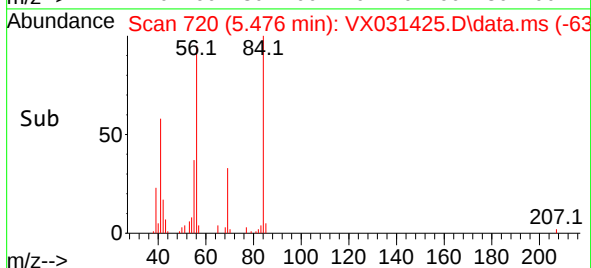
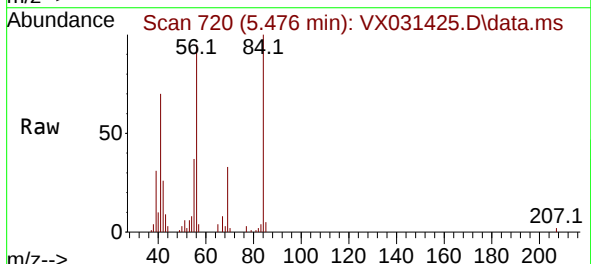
Manual Integrations
APPROVED

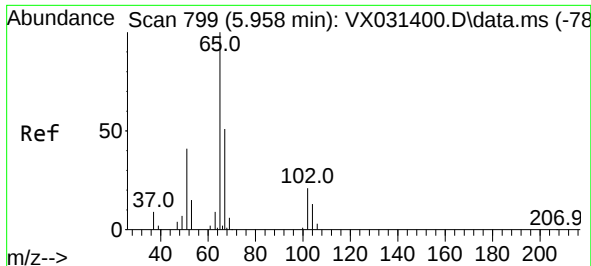
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#26
Cyclohexane
Concen: 17.558 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Tgt Ion: 56 Resp: 23271
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 96.0 76.2 114.2





#27

1,2-Dichloroethane-d4

Concen: 30.465 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031425.D

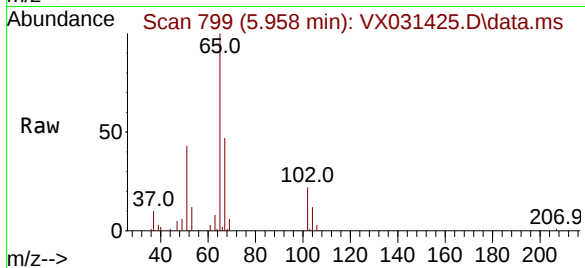
Acq: 16 Sep 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 65 Resp: 2987

Ion Ratio Lower Upper

65 100

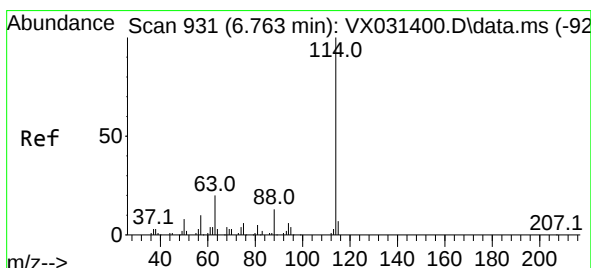
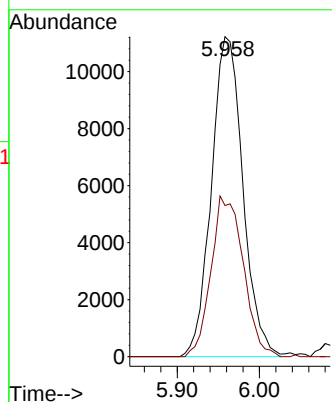
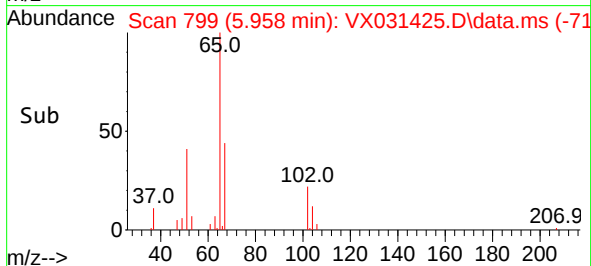
67 51.3 42.3 63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

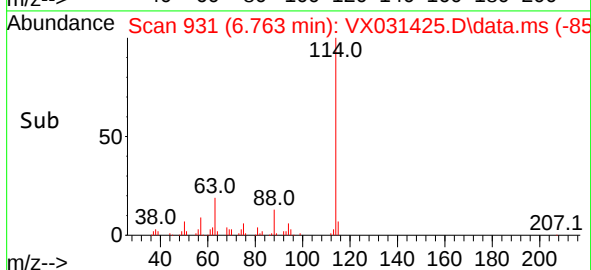
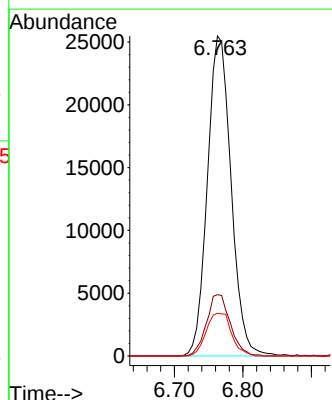
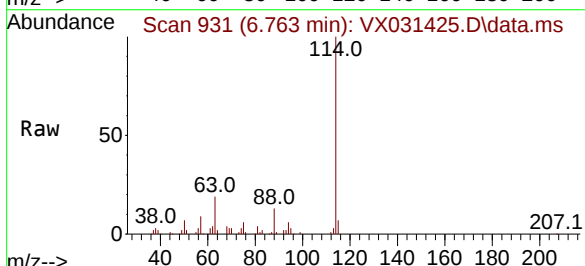
Tgt Ion:114 Resp: 61223

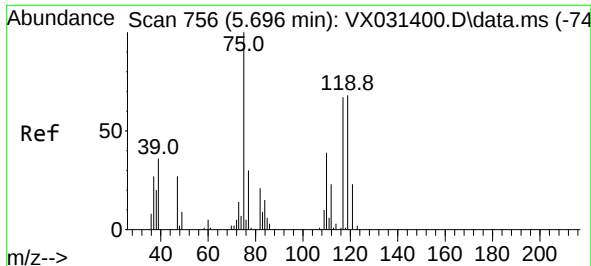
Ion Ratio Lower Upper

114 100

63 19.2 15.3 22.9

88 14.2 12.2 18.4





#29

1,1-Dichloropropene

Concen: 17.383 ug/l

RT: 5.690 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

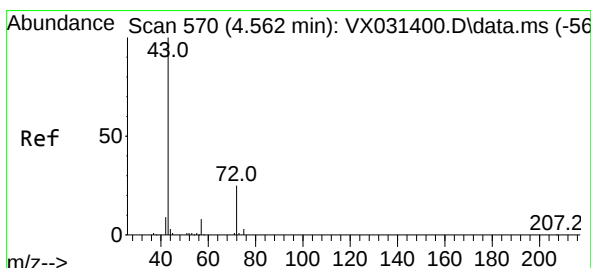
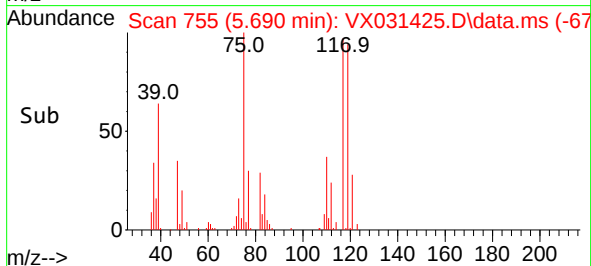
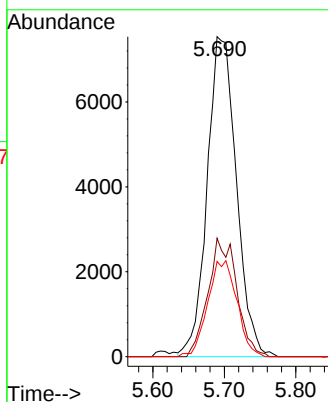
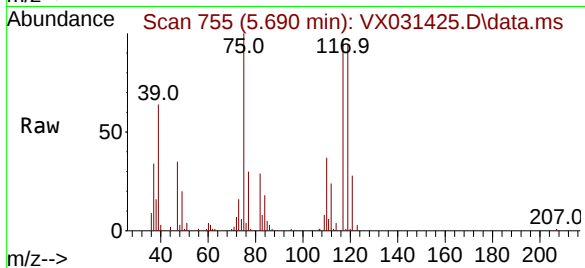
Tgt Ion: 75	Resp: 2142
Ion Ratio	Lower Upper
75 100	
110 23.1	0.0 73.6
77 29.6	0.0 62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#30

2-Butanone

Concen: 91.256 ug/l

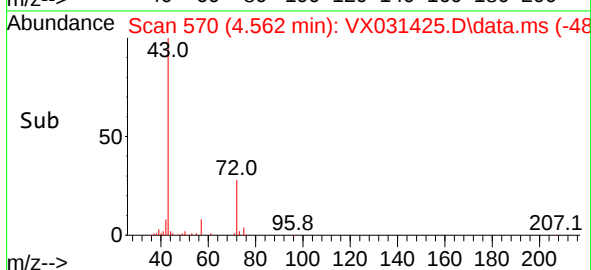
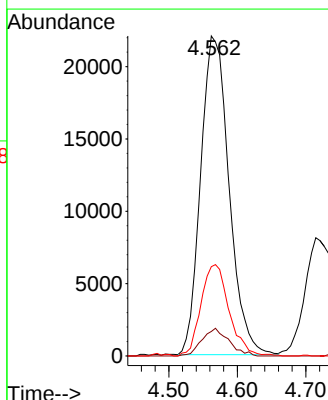
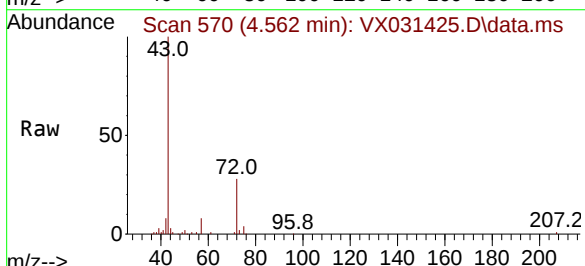
RT: 4.562 min Scan# 570

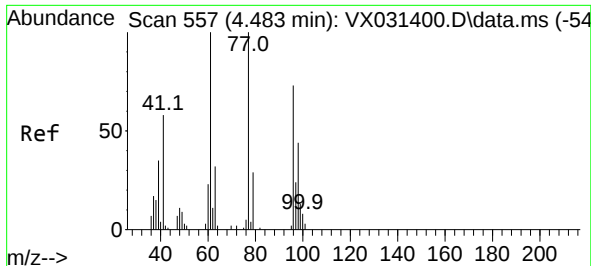
Delta R.T. -0.000 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

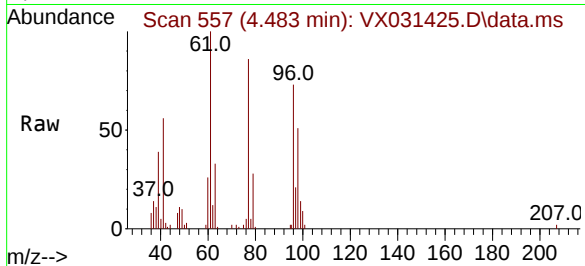
Tgt Ion: 43	Resp: 63445
Ion Ratio	Lower Upper
43 100	
57 8.3	6.6 10.0
72 28.2	22.1 33.1





#31
2,2-Dichloropropane
Concen: 14.107 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

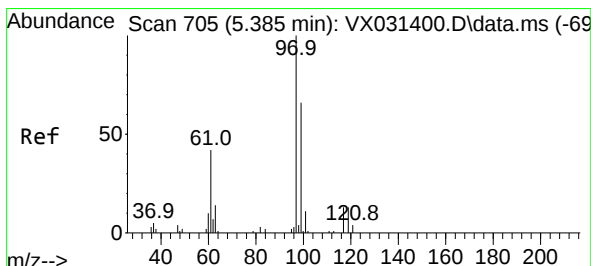
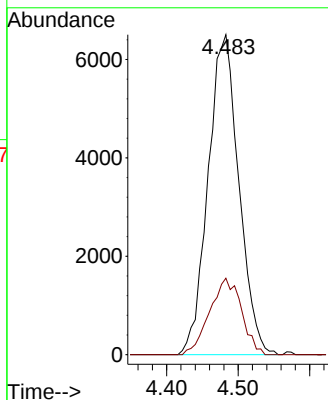
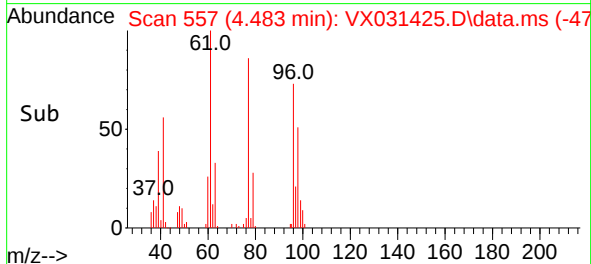
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



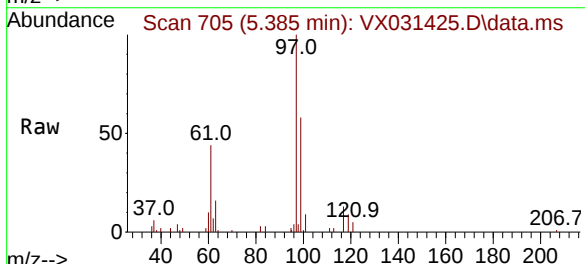
Tgt Ion: 77 Resp: 1944
Ion Ratio Lower Upper
77 100
97 24.7 18.4 27.6

Manual Integrations
APPROVED

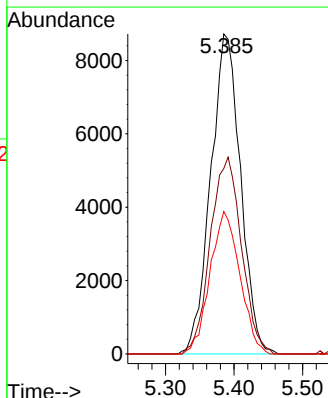
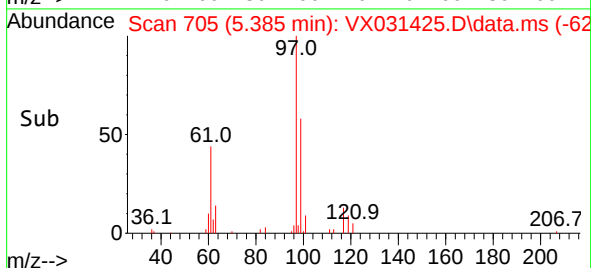
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

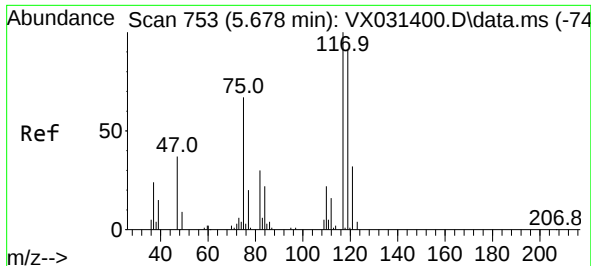


#32
1,1,1-Trichloroethane
Concen: 17.317 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06



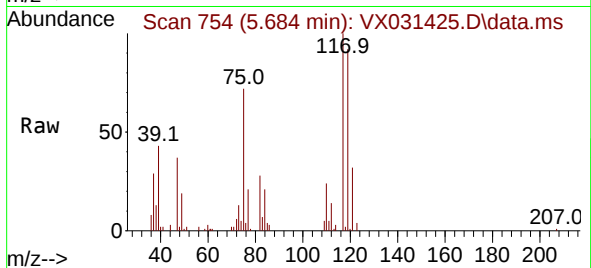
Tgt Ion: 97 Resp: 26396
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.8
61 44.6 33.4 50.0





#33
Carbon Tetrachloride
Concen: 17.114 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

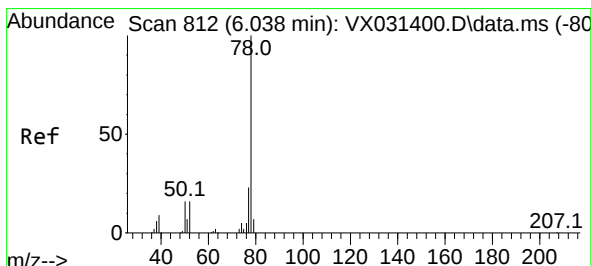
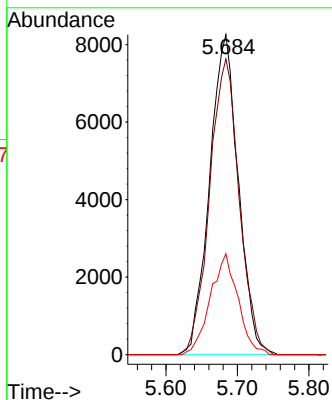
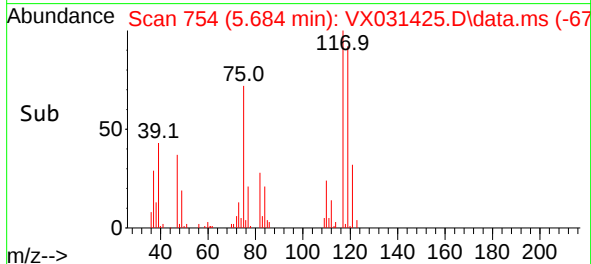
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 2305
Ion Ratio Lower Upper
117 100
119 92.4 75.3 112.9
121 31.5 24.1 36.1

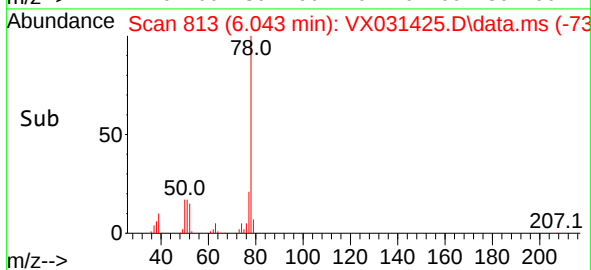
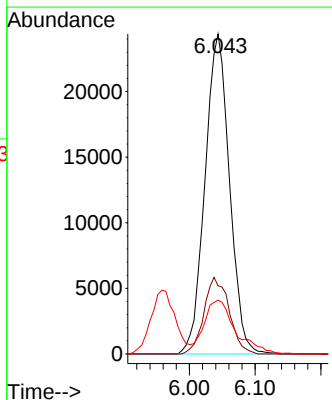
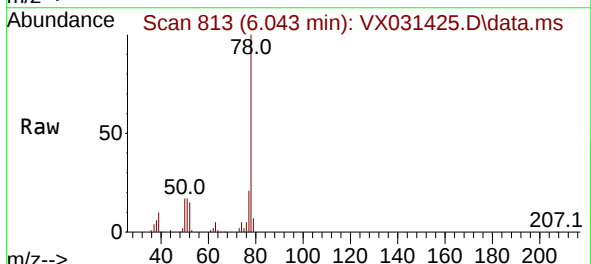
Manual Integrations
APPROVED

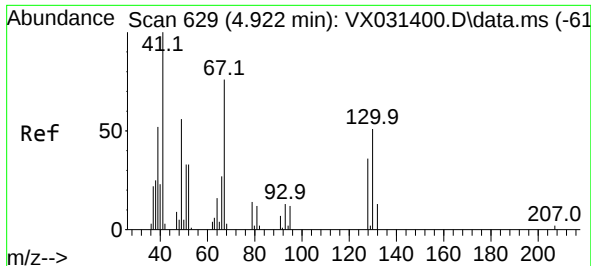
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#34
Benzene
Concen: 17.447 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Tgt Ion: 78 Resp: 63273
Ion Ratio Lower Upper
78 100
77 21.3 18.5 27.7
51 16.5 12.9 19.3





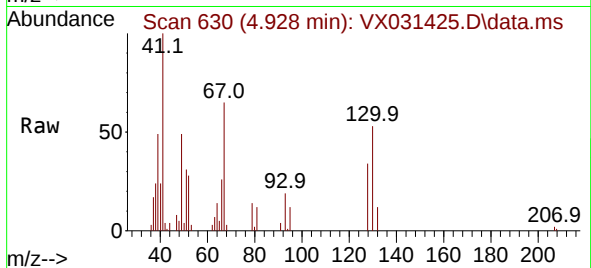
#35
Methacrylonitrile
Concen: 18.005 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



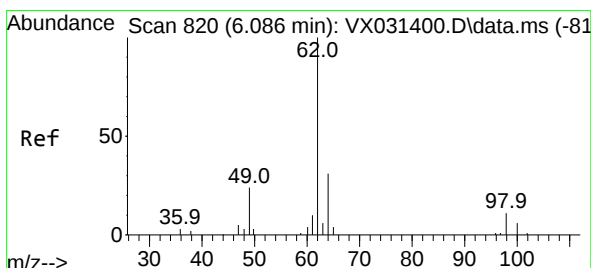
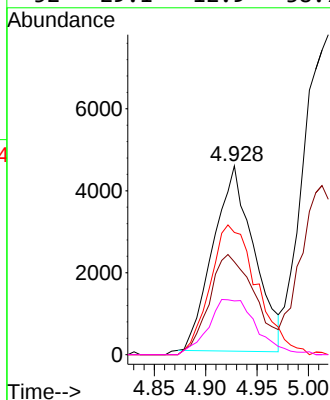
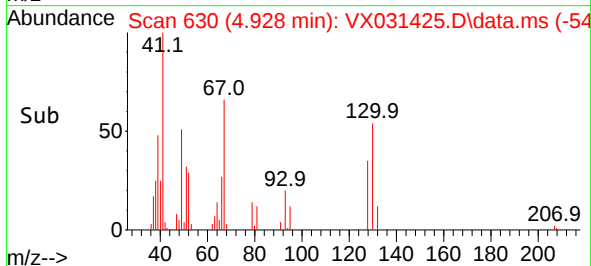
Tgt Ion: 41 Resp: 1253
Ion Ratio Lower Upper
41 100
39 50.3 27.0 81.0
67 66.3 33.3 99.8
52 29.1 12.9 38.7

Manual Integrations

APPROVED

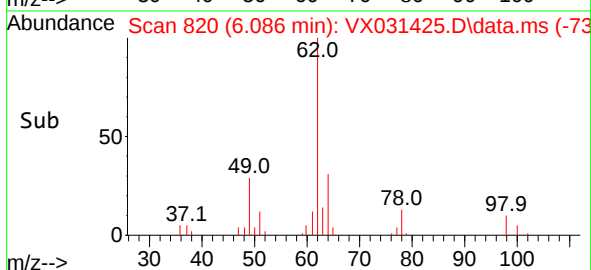
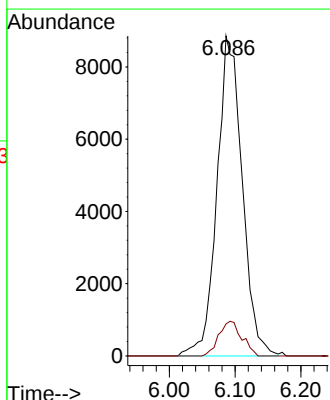
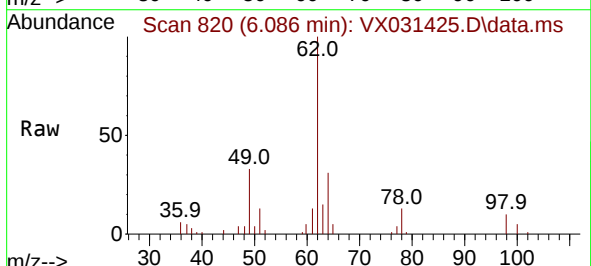
Reviewed By :John Carlone 09/17/2022

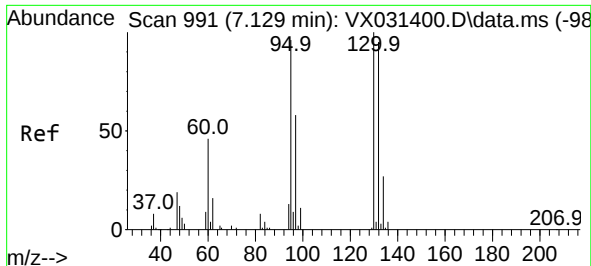
Supervised By :Mahesh Dadoda 09/19/2022



#36
1,2-Dichloroethane
Concen: 17.250 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

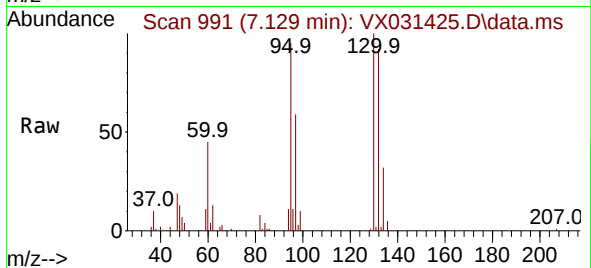
Tgt Ion: 62 Resp: 23619
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.0





#37
Trichloroethene
Concen: 17.895 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

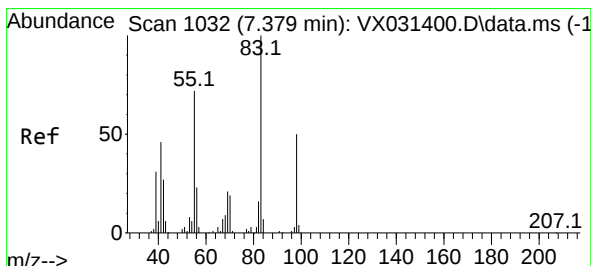
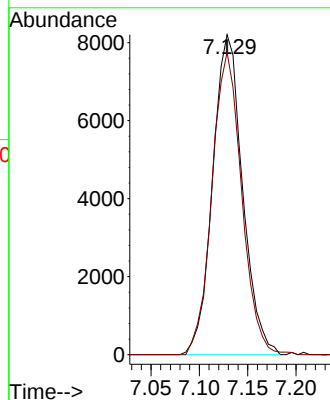
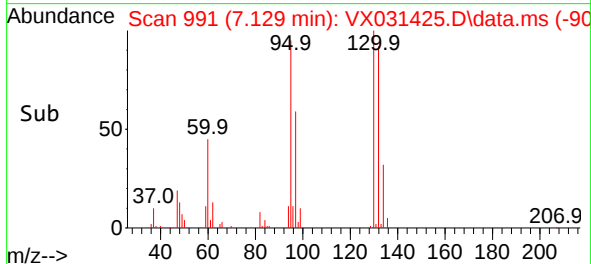
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



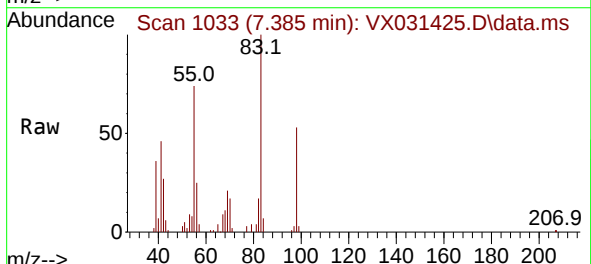
Tgt Ion:130 Resp: 1757
Ion Ratio Lower Upper
130 100
95 94.5 76.5 114.7

Manual Integrations
APPROVED

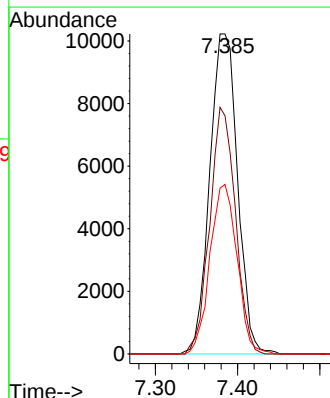
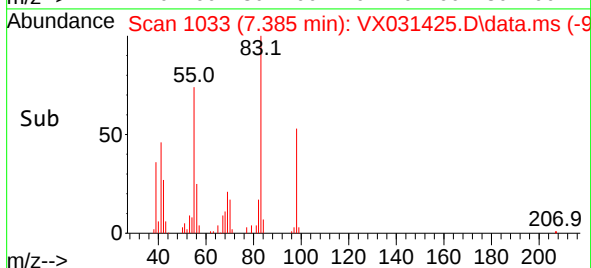
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

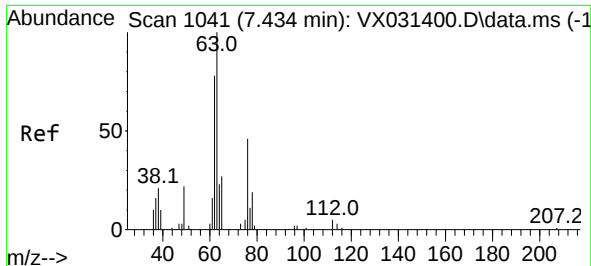


#38
Methylcyclohexane
Concen: 16.687 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06



Tgt Ion: 83 Resp: 24037
Ion Ratio Lower Upper
83 100
55 71.0 37.0 110.9
98 51.5 25.9 77.8





#39

1,2-Dichloropropane

Concen: 18.272 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 15898

Ion Ratio Lower Upper

63 100

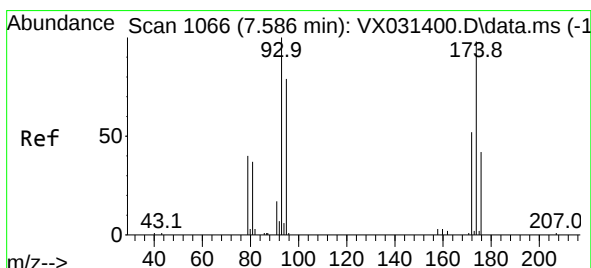
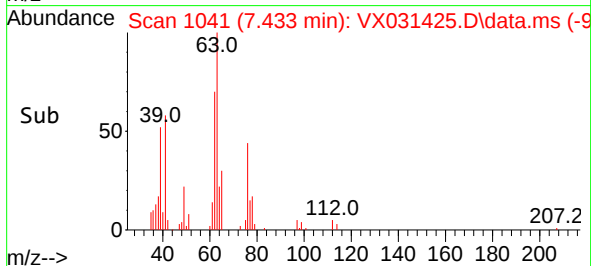
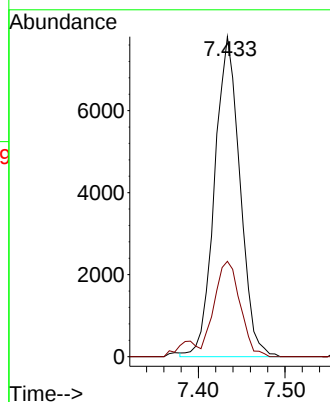
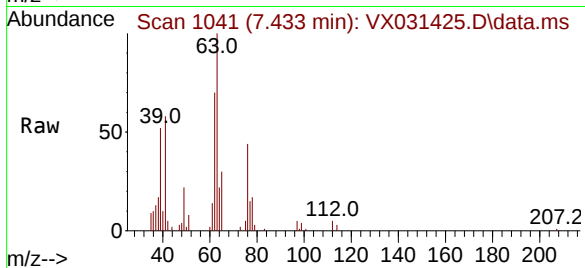
65 29.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#40

Dibromomethane

Concen: 18.778 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

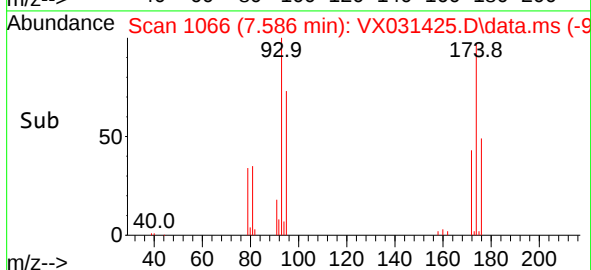
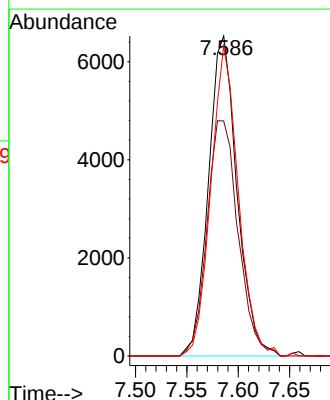
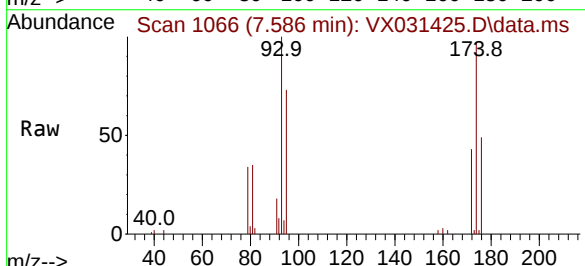
Tgt Ion: 93 Resp: 12634

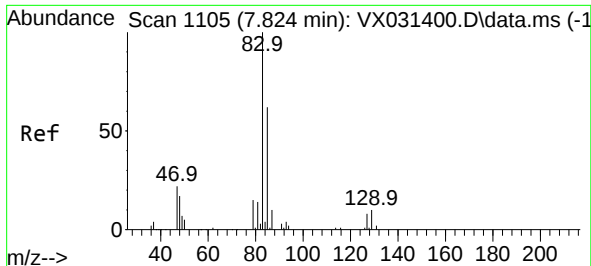
Ion Ratio Lower Upper

93 100

95 79.7 0.0 168.8

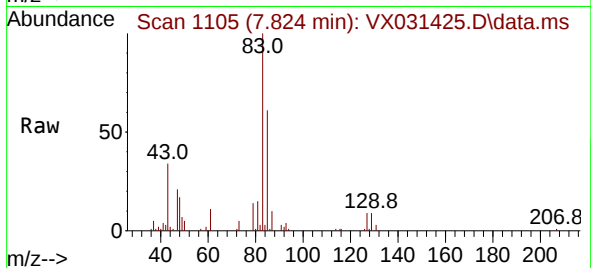
174 92.9 0.0 220.8





#41
Bromodichloromethane
Concen: 17.322 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

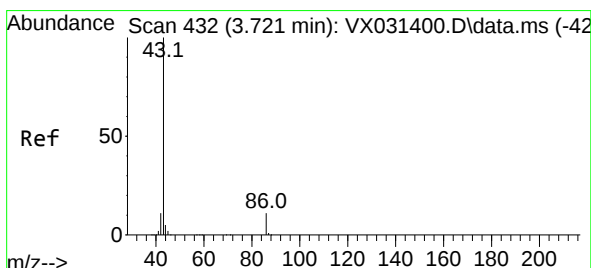
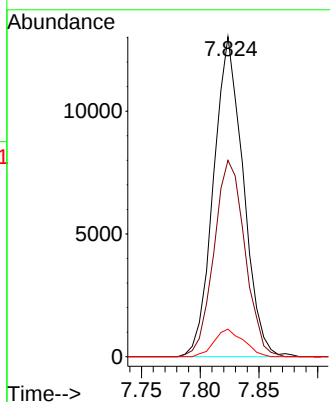
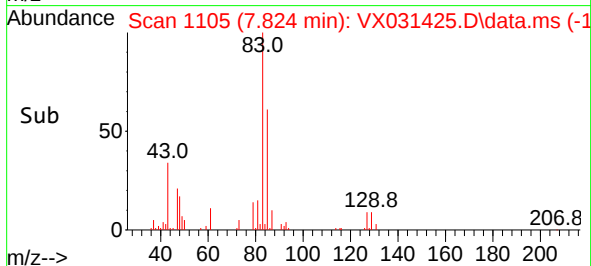
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 2286
Ion Ratio Lower Upper
83 100
85 61.4 50.6 75.8
127 8.6 7.0 10.6

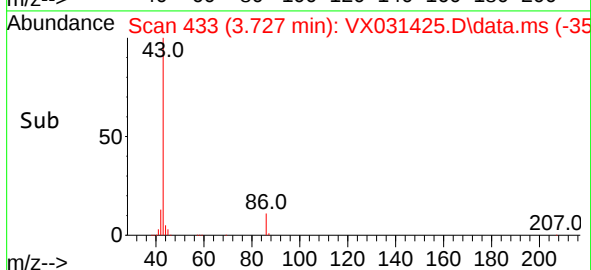
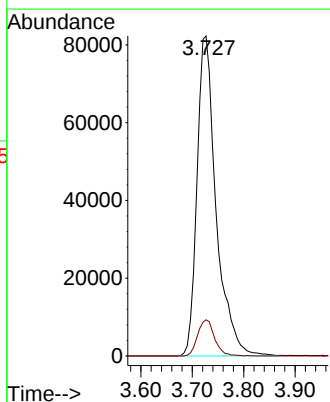
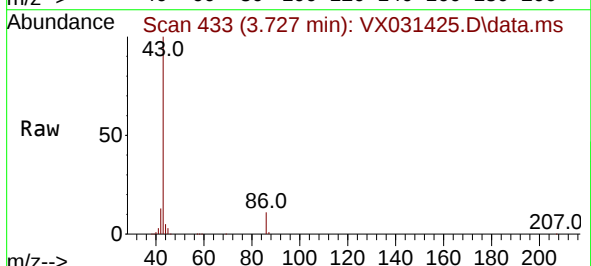
Manual Integrations
APPROVED

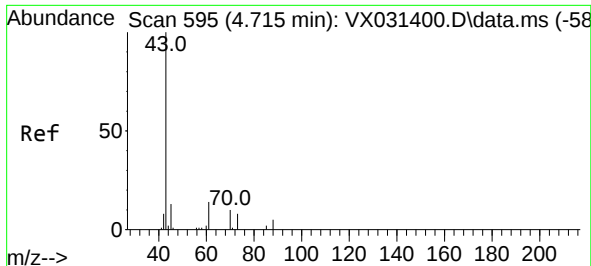
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#42
Vinyl Acetate
Concen: 85.363 ug/l
RT: 3.727 min Scan# 433
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Tgt Ion: 43 Resp: 212912
Ion Ratio Lower Upper
43 100
86 9.9 8.5 12.7





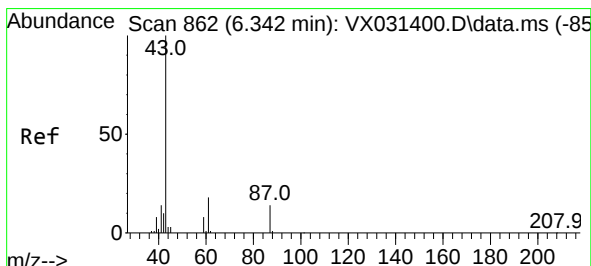
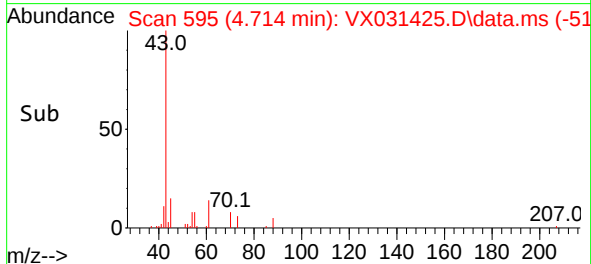
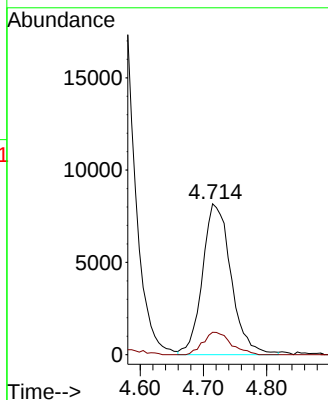
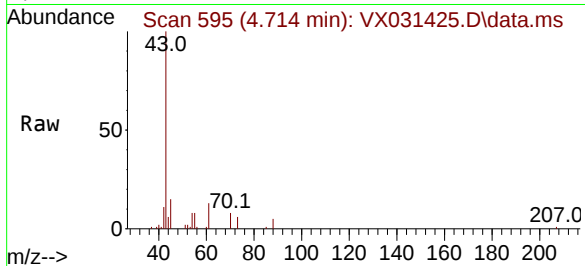
#43
Ethyl Acetate
Concen: 18.829 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 2566
Ion Ratio Lower Upper
43 100
45 14.5 11.8 17.6

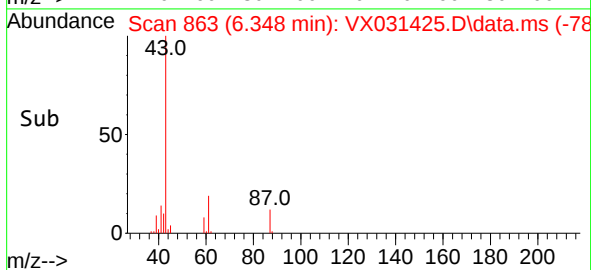
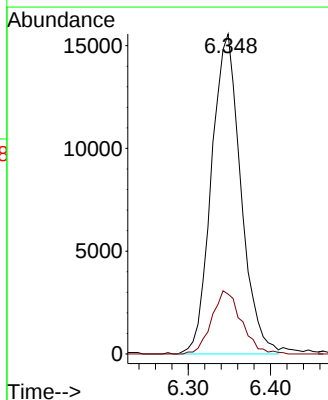
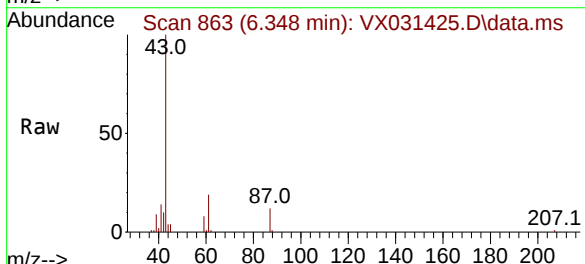
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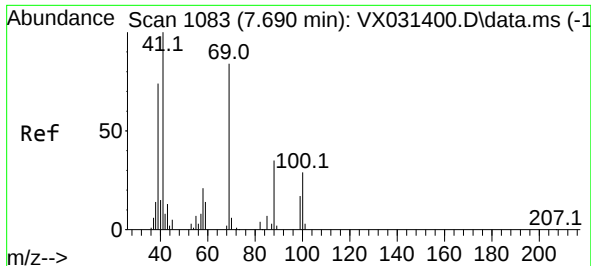
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#44
Isopropyl Acetate
Concen: 17.074 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

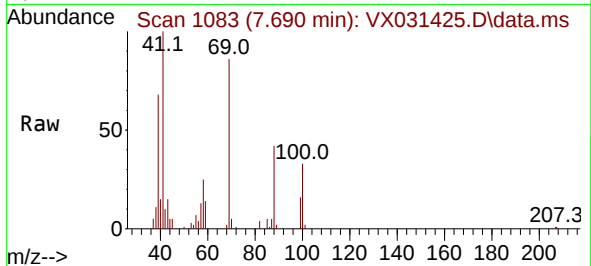
Tgt Ion: 43 Resp: 38669
Ion Ratio Lower Upper
43 100
61 19.7 17.0 25.4





#45
1,4-Dioxane
Concen: 378.030 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.012 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

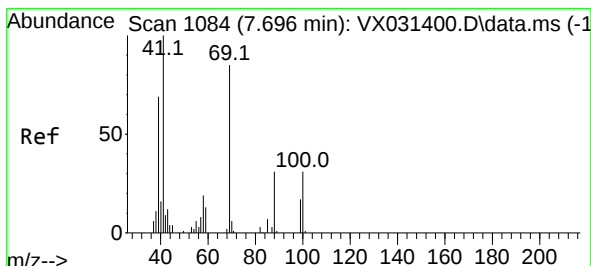
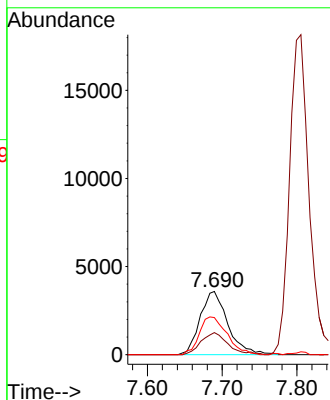
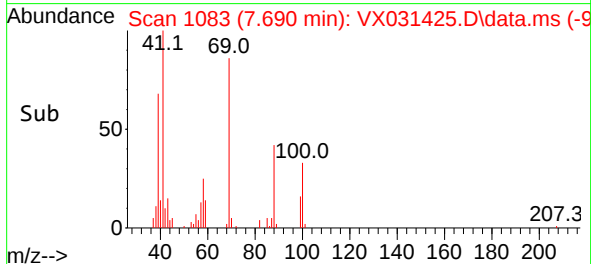
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 924
Ion Ratio Lower Upper
88 100
43 32.5 25.8 38.6
58 59.5 54.8 82.2

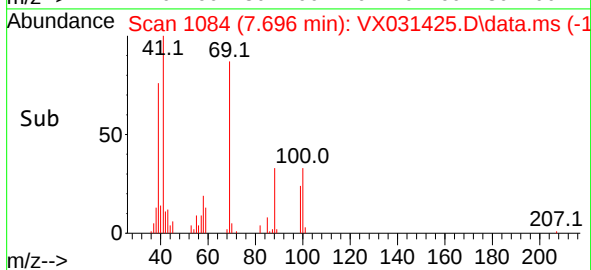
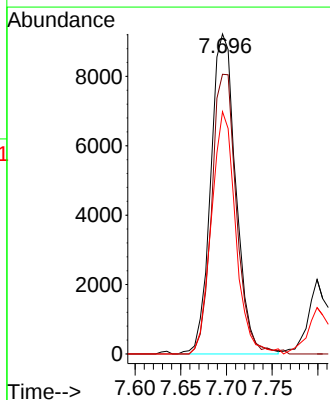
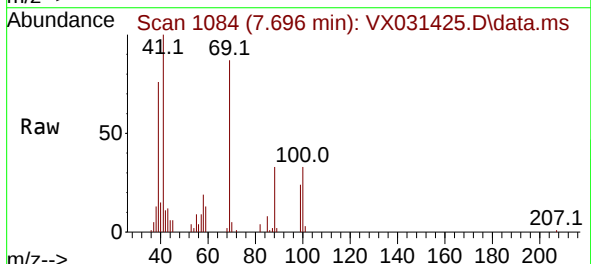
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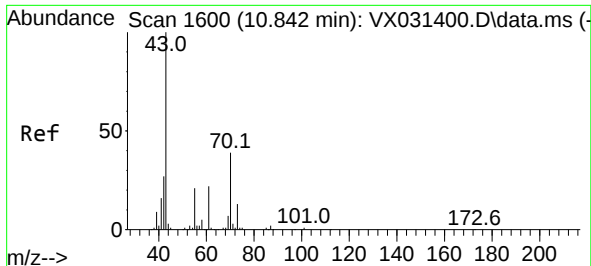
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#46
Methyl methacrylate
Concen: 17.412 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Tgt Ion: 41 Resp: 17653
Ion Ratio Lower Upper
41 100
69 87.4 41.9 125.8
39 75.7 27.5 82.5





#47

n-amy1 Acetate

Concen: 16.735 ug/l

RT: 10.847 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 33814

Ion Ratio Lower Upper

43 100

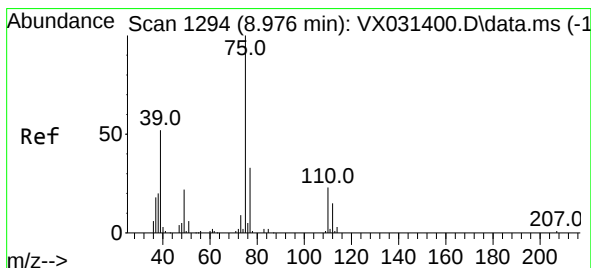
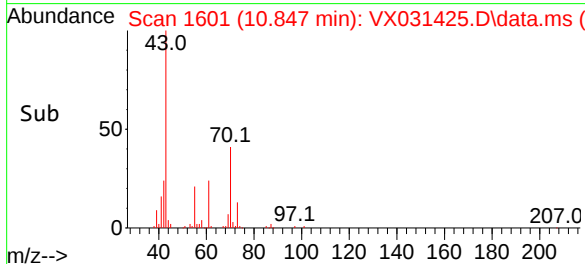
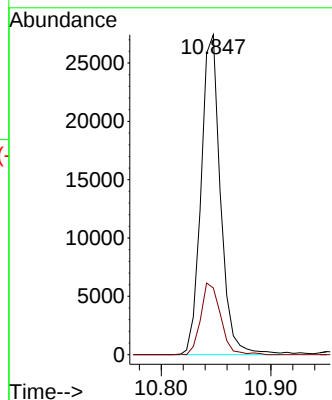
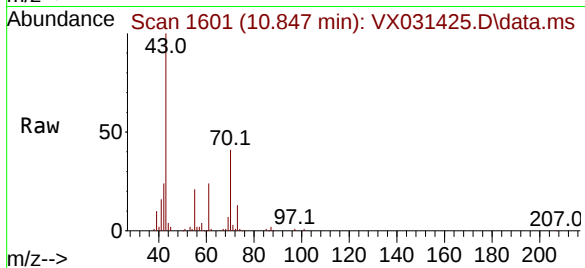
55 22.5 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#48

t-1,3-Dichloropropene

Concen: 15.029 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX031425.D

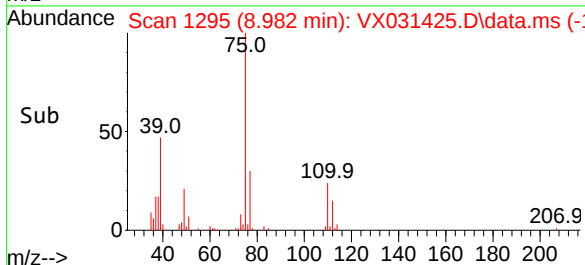
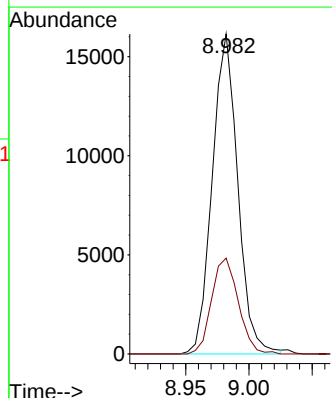
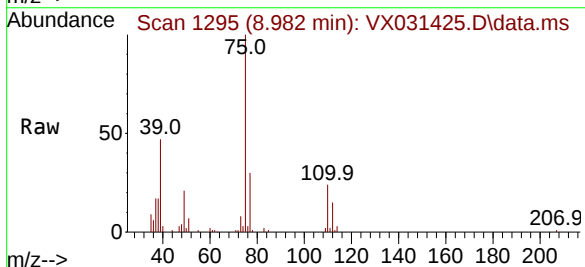
Acq: 16 Sep 2022 21:06

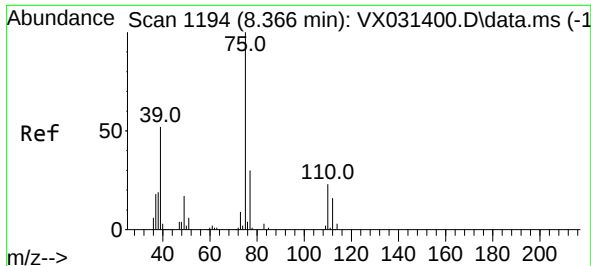
Tgt Ion: 75 Resp: 22619

Ion Ratio Lower Upper

75 100

77 30.0 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 16.038 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

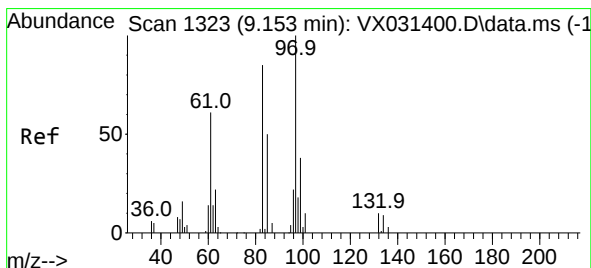
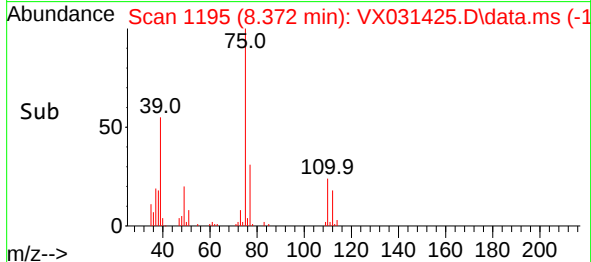
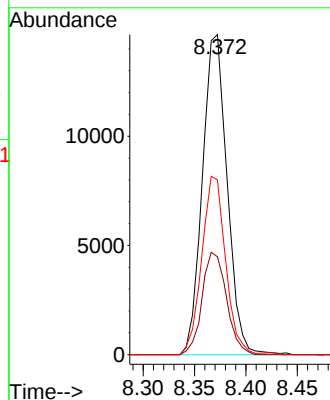
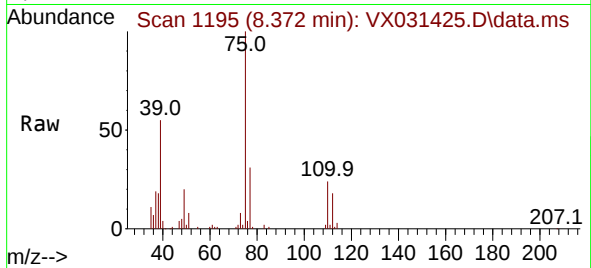
Tgt Ion: 75	Resp: 2455
Ion Ratio	Lower Upper
75 100	
77 30.6	25.2 37.8
39 54.6	37.4 56.0

Manual Integrations

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Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#50

1,1,2-Trichloroethane

Concen: 17.153 ug/l

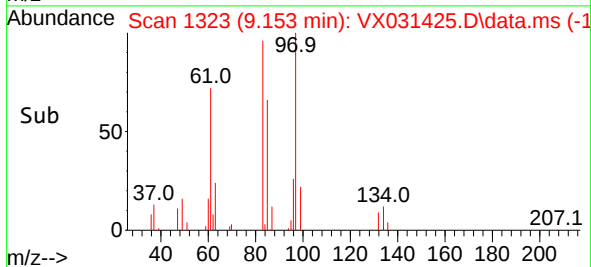
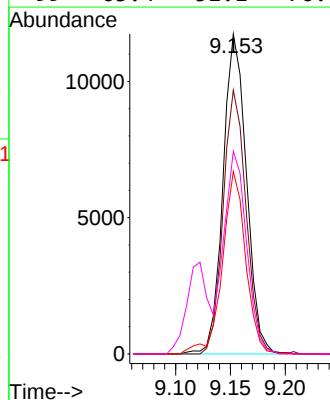
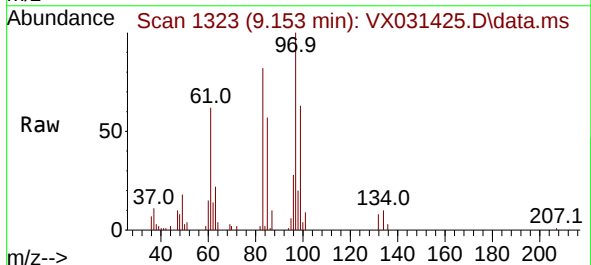
RT: 9.153 min Scan# 1323

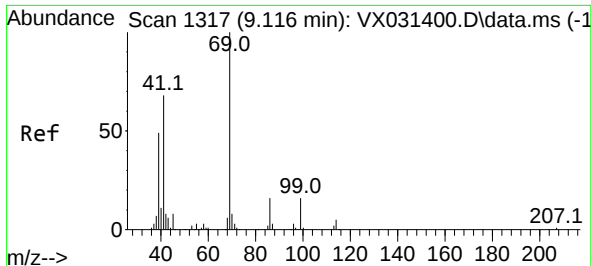
Delta R.T. -0.000 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

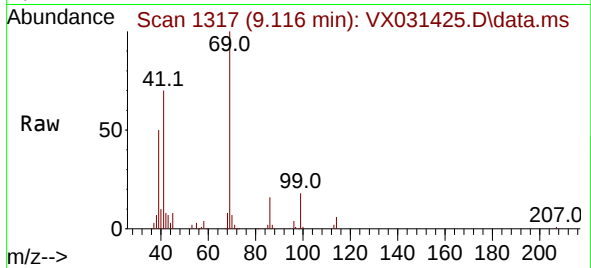
Tgt Ion: 97	Resp: 17454
Ion Ratio	Lower Upper
97 100	
83 82.5	66.2 99.4
85 57.0	40.4 60.6
99 63.4	51.1 76.7





#51
Ethyl methacrylate
Concen: 16.354 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

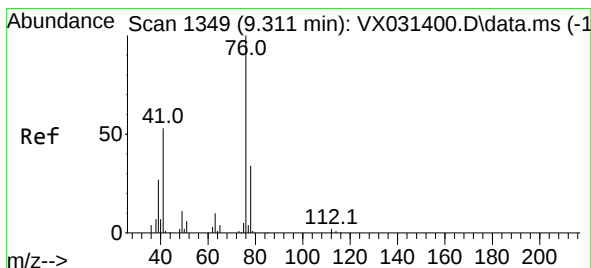
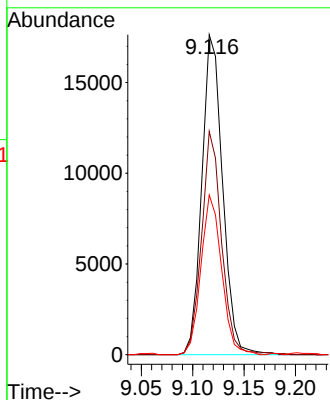
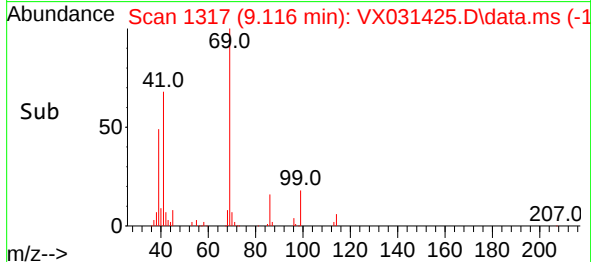
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 24869
Ion Ratio Lower Upper
69 100
41 69.8 32.1 96.5
39 49.9 18.3 54.9

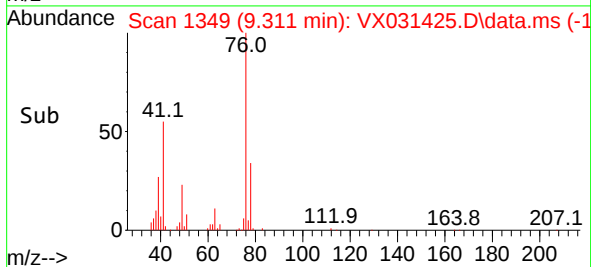
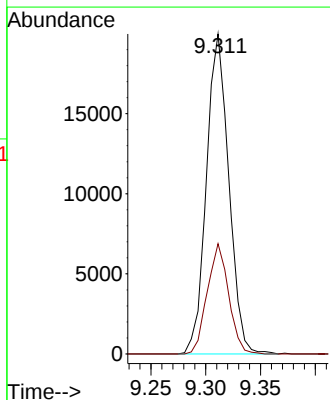
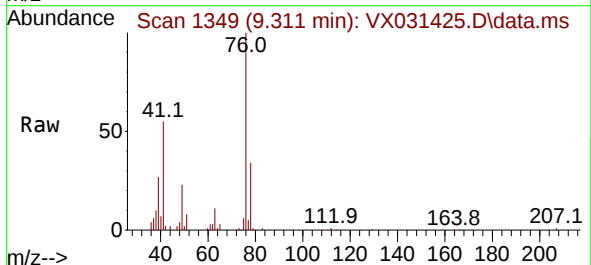
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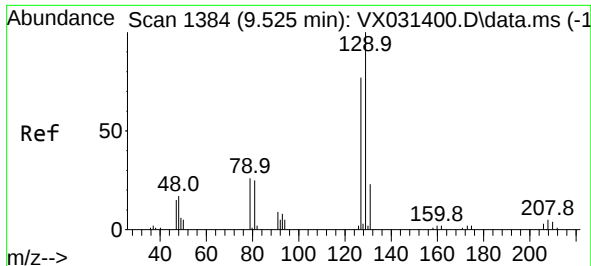
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#52
1,3-Dichloropropane
Concen: 17.203 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

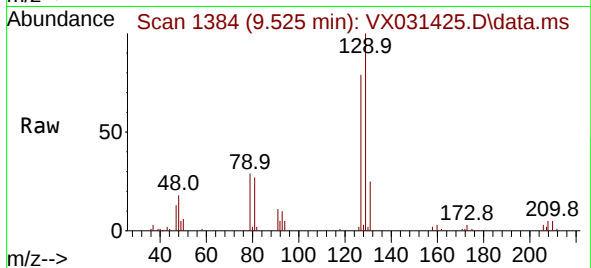
Tgt Ion: 76 Resp: 28422
Ion Ratio Lower Upper
76 100
78 32.8 0.0 64.4





#53
Dibromochloromethane
Concen: 14.887 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

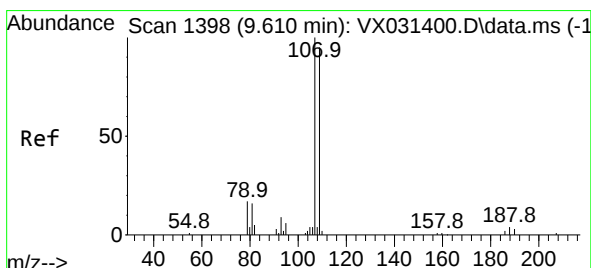
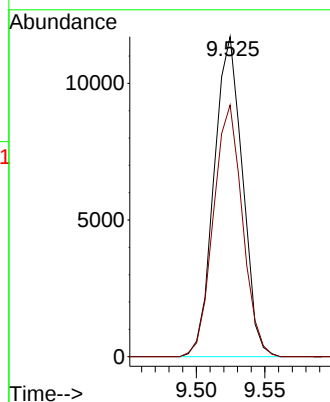
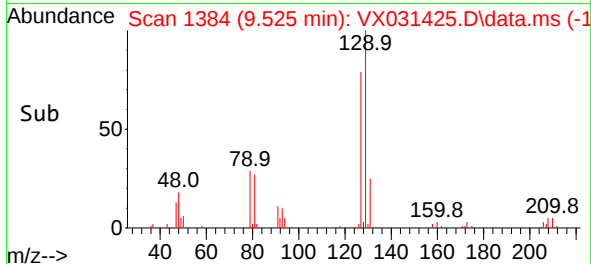
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



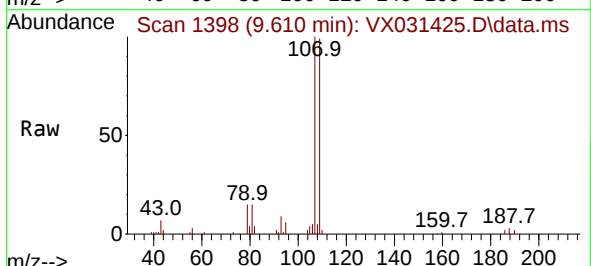
Tgt Ion:129 Resp: 1690
Ion Ratio Lower Upper
129 100
127 80.4 38.4 115.1

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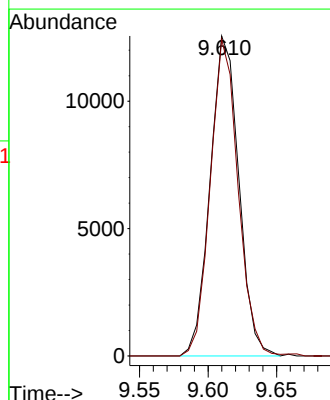
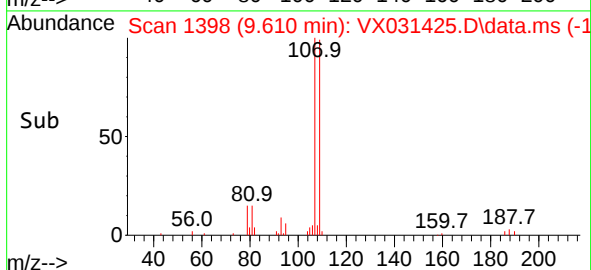
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

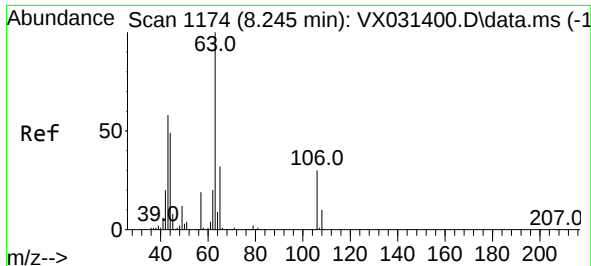


#54
1,2-Dibromoethane
Concen: 16.247 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06



Tgt Ion:107 Resp: 18249
Ion Ratio Lower Upper
107 100
109 95.8 76.2 114.4





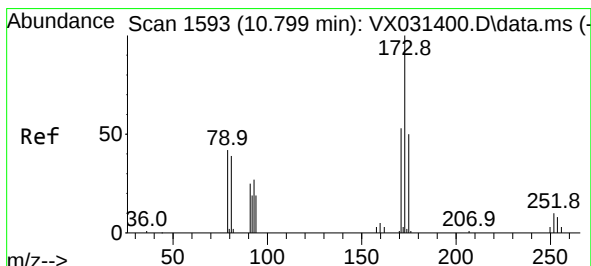
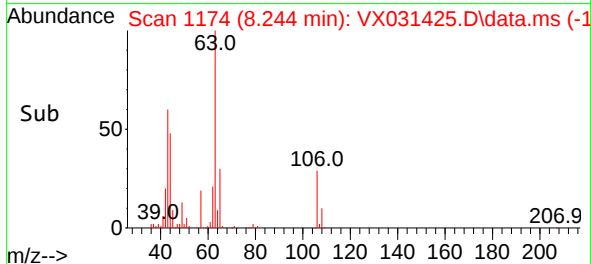
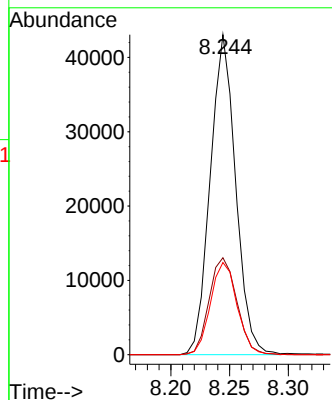
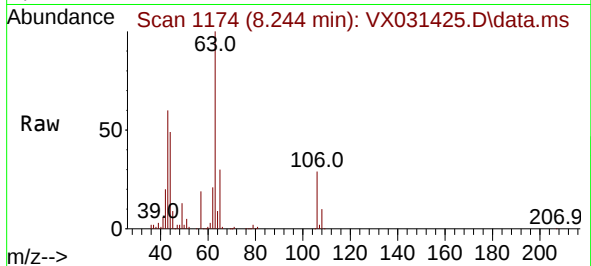
#55
2-Chloroethyl vinyl ether
Concen: 83.112 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 6492
Ion Ratio Lower Upper
63 100
65 32.8 25.9 38.9
106 30.2 25.8 38.6

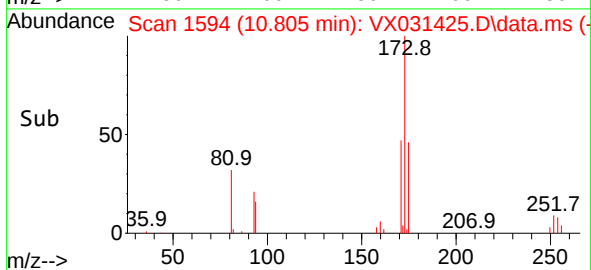
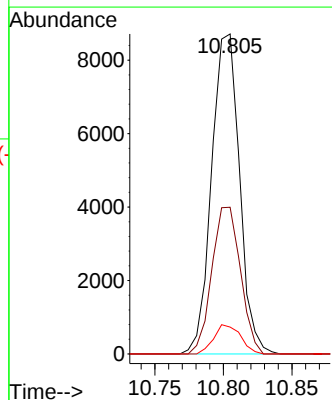
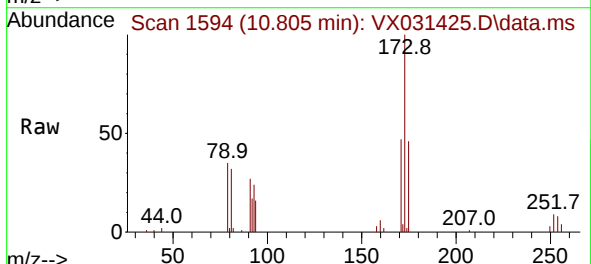
Manual Integrations
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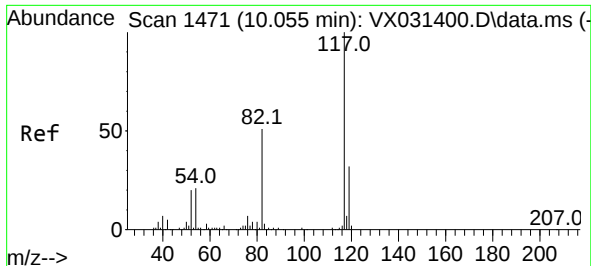
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#56
Bromoform
Concen: 14.516 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

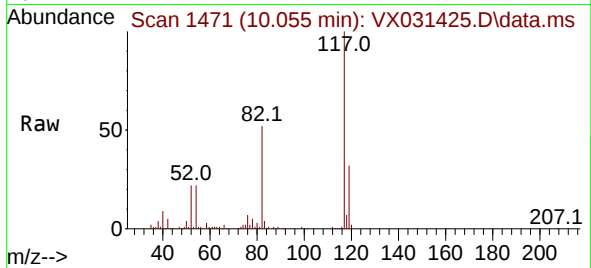
Tgt Ion:173 Resp: 12339
Ion Ratio Lower Upper
173 100
175 46.9 40.3 60.5
254 8.8 7.4 11.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

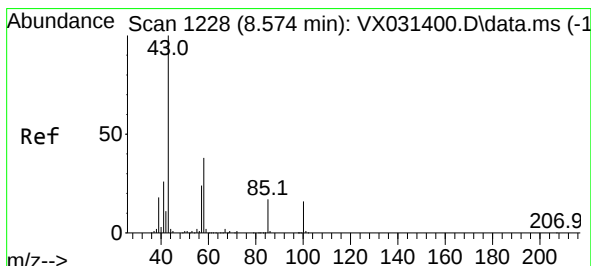
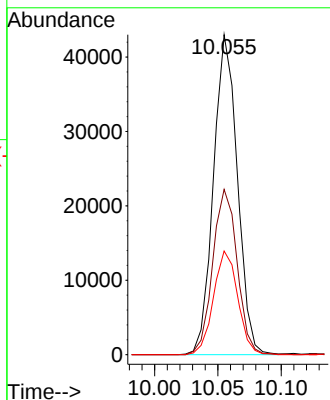
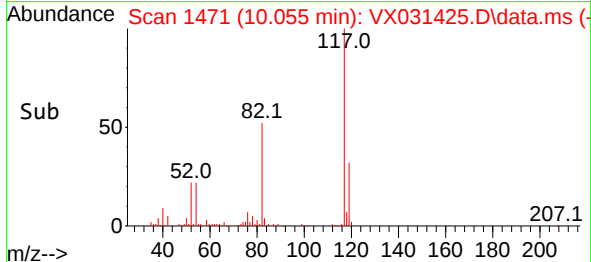
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 56458
Ion Ratio Lower Upper
117 100
82 52.8 42.3 63.5
119 33.0 26.2 39.2

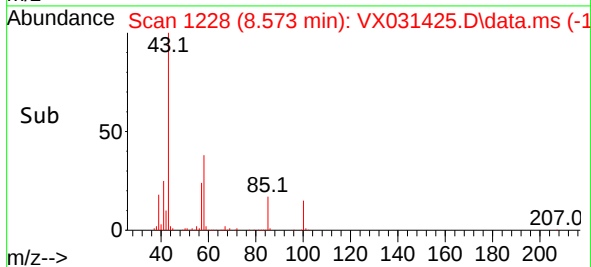
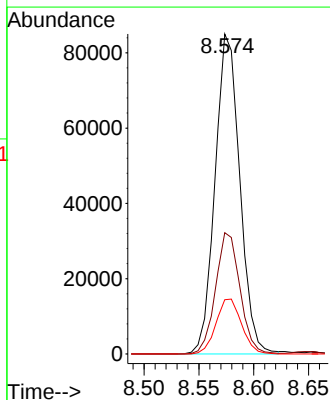
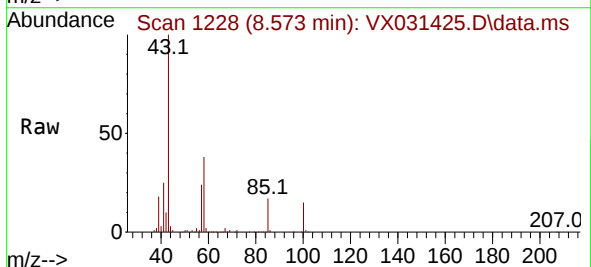
Manual Integrations
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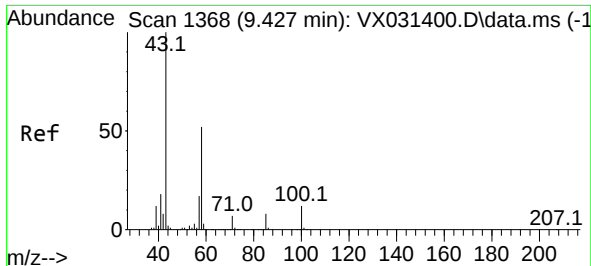
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#58
4-Methyl-2-Pentanone
Concen: 98.708 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

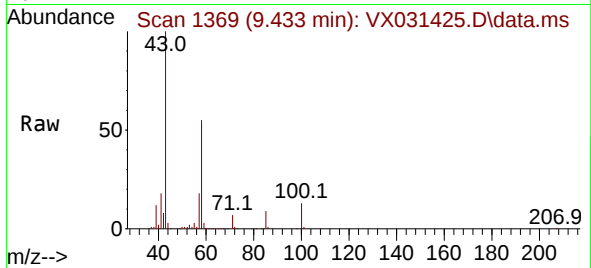
Tgt Ion: 43 Resp: 133502
Ion Ratio Lower Upper
43 100
58 37.5 31.8 47.6
85 17.7 15.8 23.6





#59
2-Hexanone
Concen: 97.643 ug/l
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

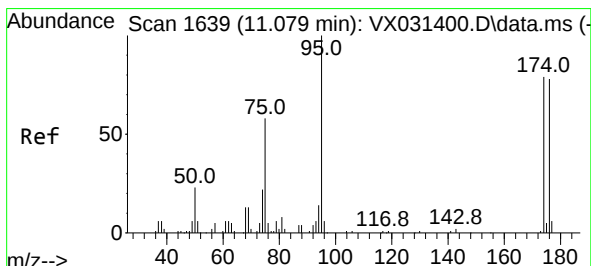
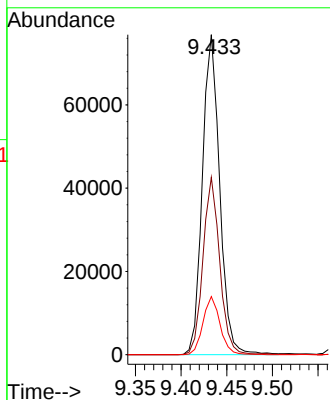
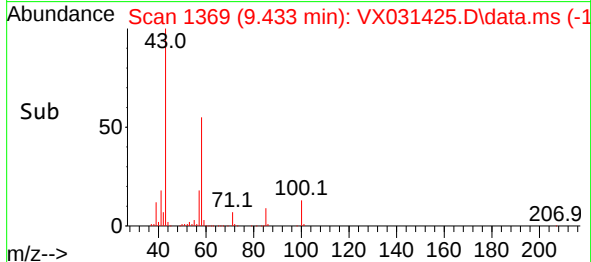
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 101139
Ion Ratio Lower Upper
43 100
58 53.4 44.1 66.1
57 17.8 16.2 24.2

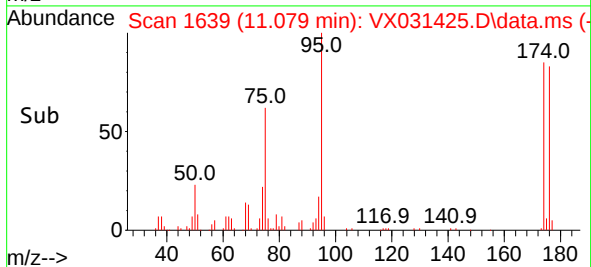
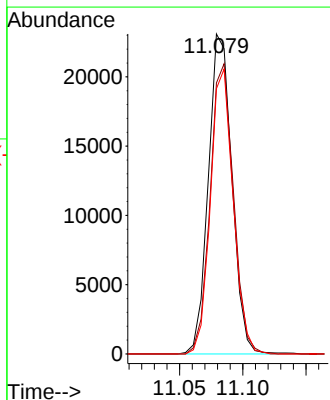
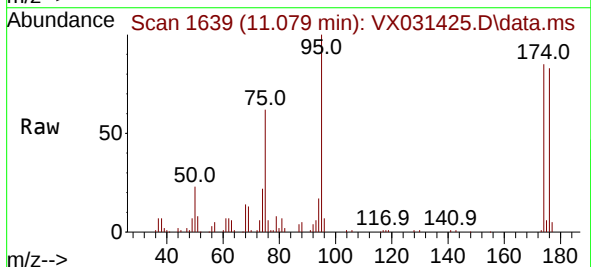
Manual Integrations
APPROVED

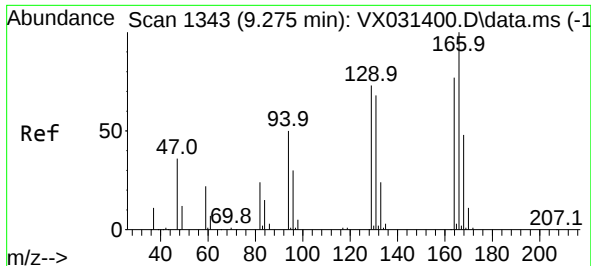
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#60
4-Bromofluorobenzene
Concen: 26.248 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

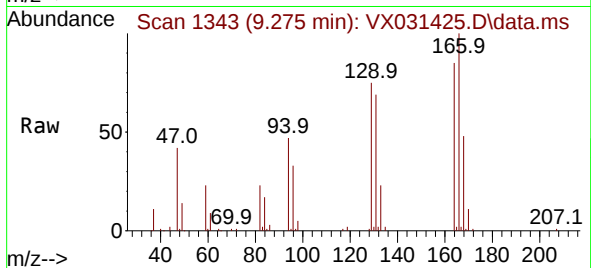
Tgt Ion: 95 Resp: 29873
Ion Ratio Lower Upper
95 100
174 89.8 65.4 98.2
176 85.8 63.4 95.0





#61
Tetrachloroethene
Concen: 18.230 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

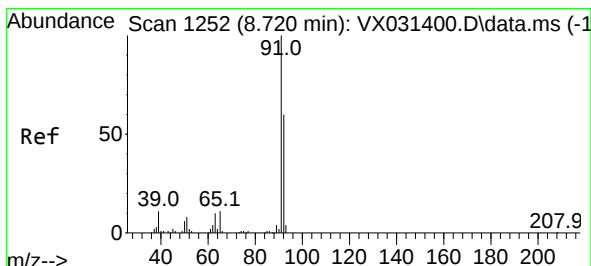
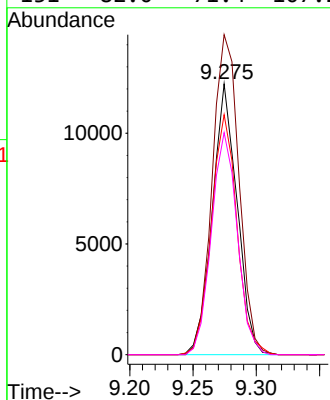
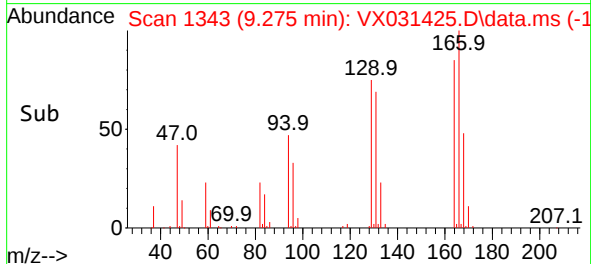
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



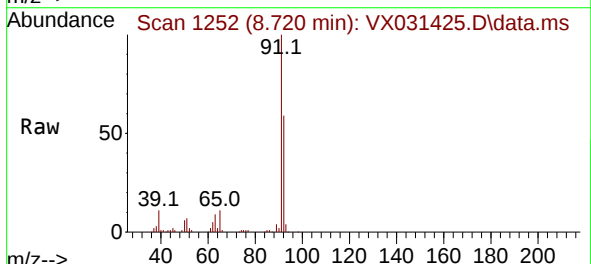
Tgt Ion:164 Resp: 16694
Ion Ratio Lower Upper
164 100
166 118.2 105.0 157.6
129 88.6 78.5 117.7
131 82.0 71.4 107.2

Manual Integrations
APPROVED

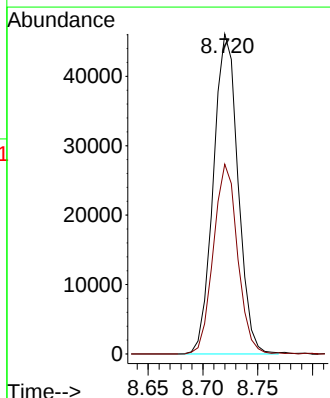
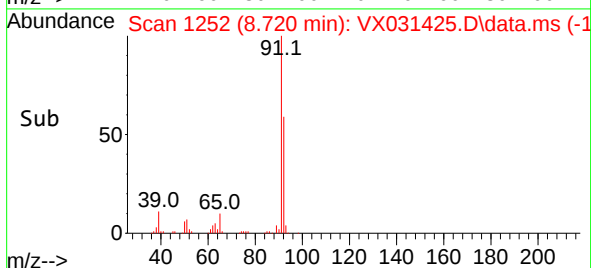
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

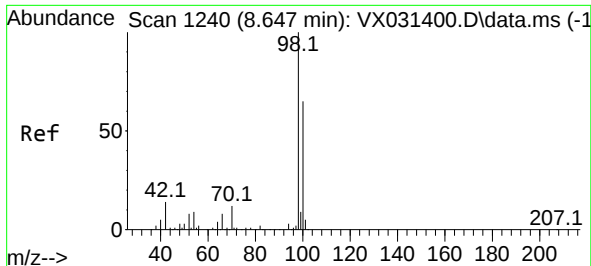


#62
Toluene
Concen: 17.683 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06



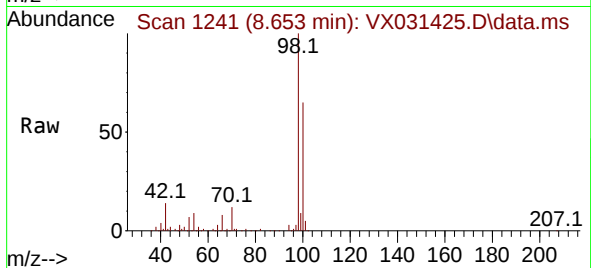
Tgt Ion: 91 Resp: 72214
Ion Ratio Lower Upper
91 100
92 58.0 48.1 72.1





#63
Toluene-d8
Concen: 29.524 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

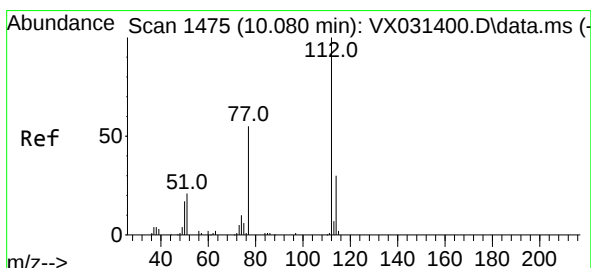
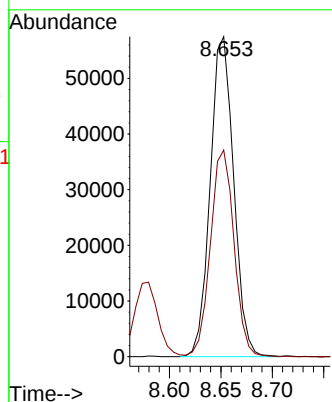
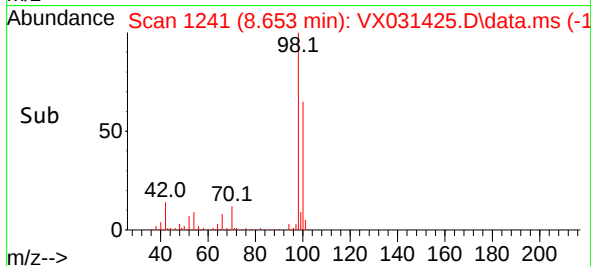
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 9124
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.2

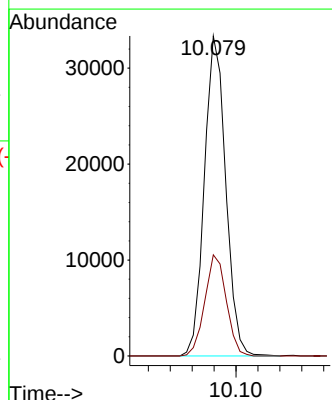
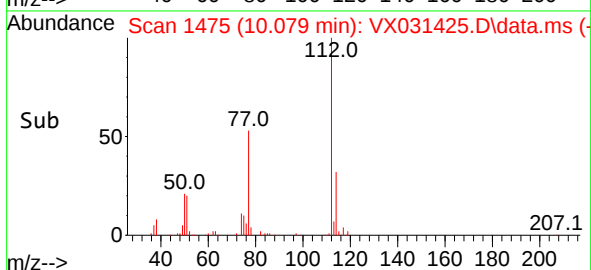
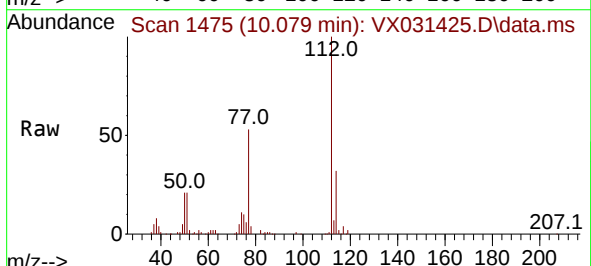
Manual Integrations
APPROVED

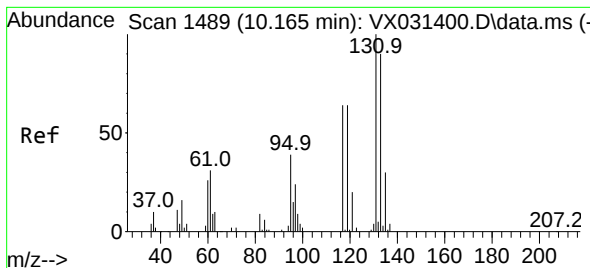
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#64
Chlorobenzene
Concen: 17.758 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

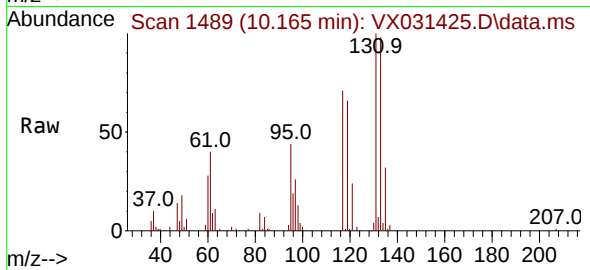
Tgt Ion:112 Resp: 45093
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 17.626 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

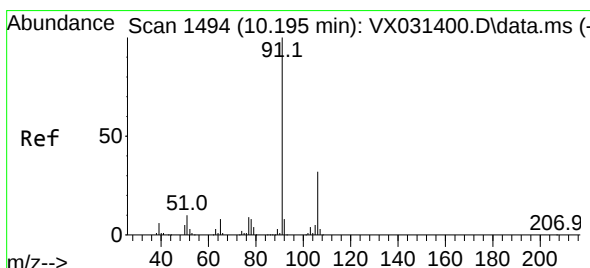
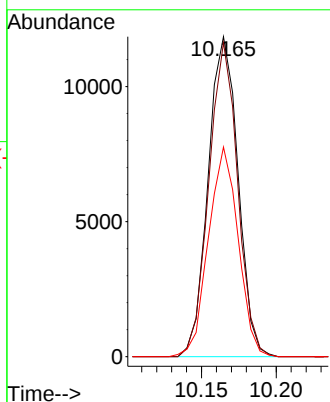
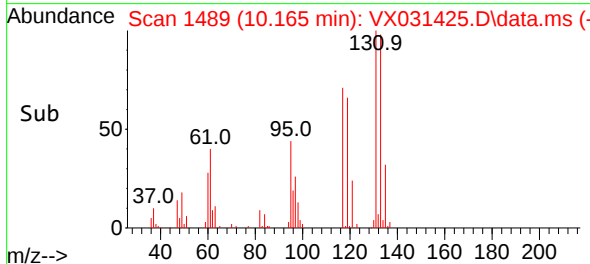
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 1646
Ion Ratio Lower Upper
131 100
133 94.7 0.0 197.2
119 65.2 0.0 127.4

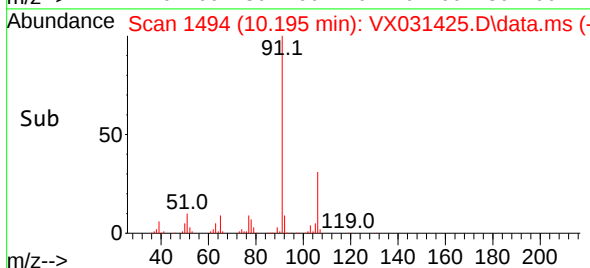
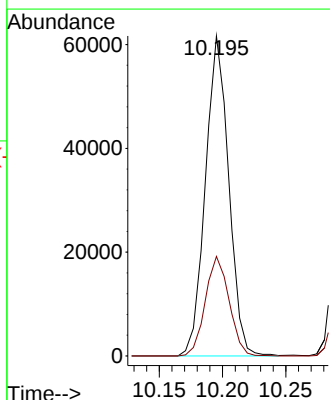
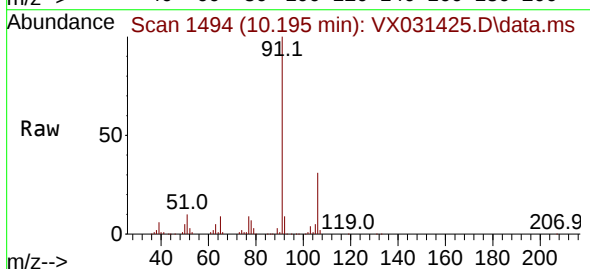
Manual Integrations
APPROVED

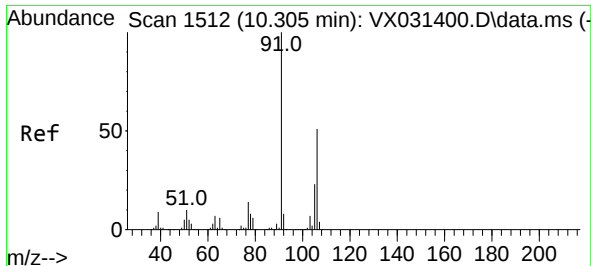
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#66
Ethyl Benzene
Concen: 17.383 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Tgt Ion: 91 Resp: 78971
Ion Ratio Lower Upper
91 100
106 31.1 25.8 38.8





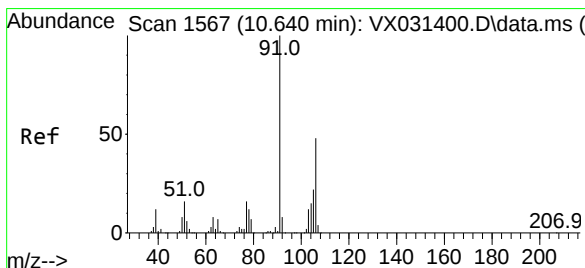
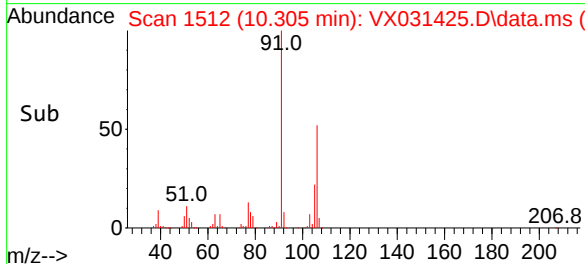
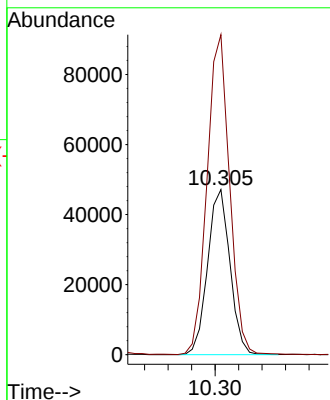
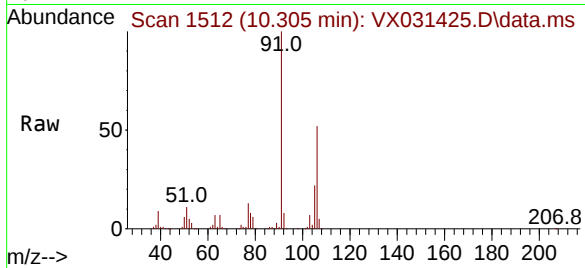
#67
m/p-Xylenes
Concen: 32.349 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 6230
Ion Ratio Lower Upper
106 100
91 195.4 159.5 239.3

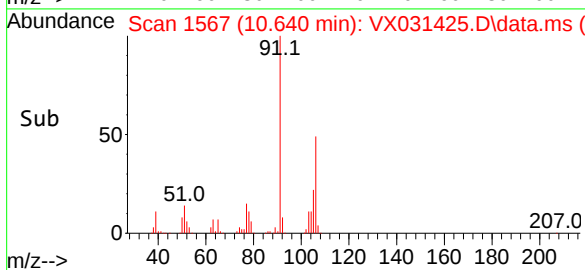
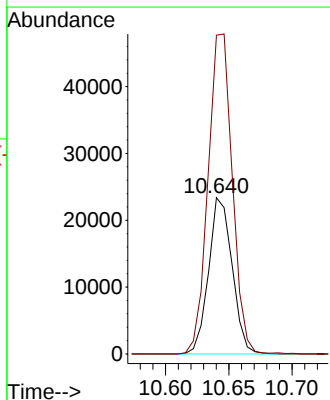
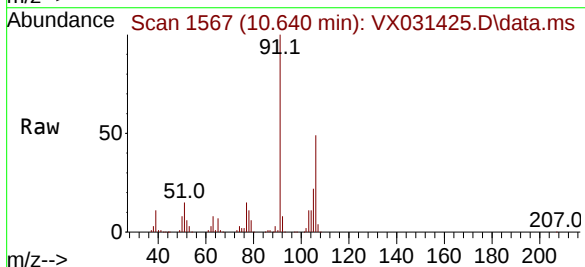
Manual Integrations
APPROVED

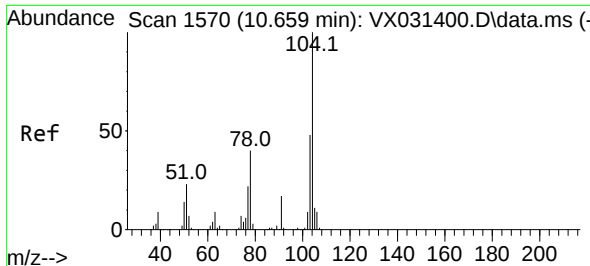
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#68
o-Xylene
Concen: 16.516 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

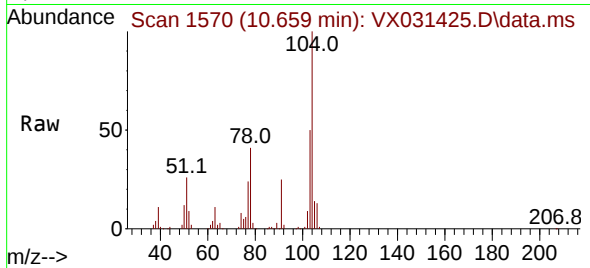
Tgt Ion:106 Resp: 30314
Ion Ratio Lower Upper
106 100
91 210.8 105.4 316.2





#69
Styrene
Concen: 15.674 ug/l
RT: 10.659 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

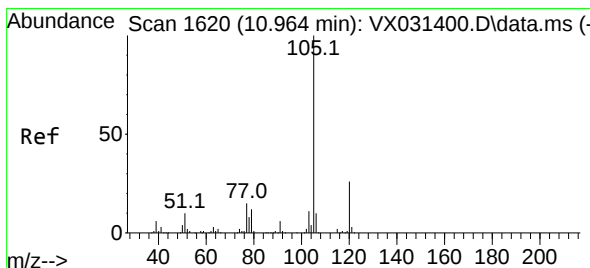
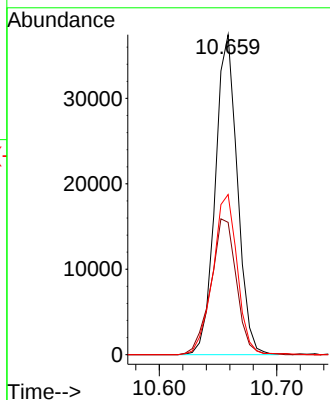
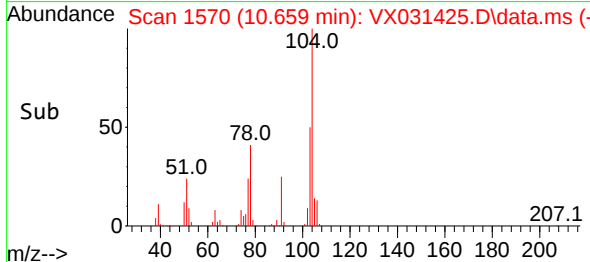
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:104 Resp: 49039
Ion Ratio Lower Upper
104 100
78 49.1 39.7 59.5
103 55.0 42.7 64.1

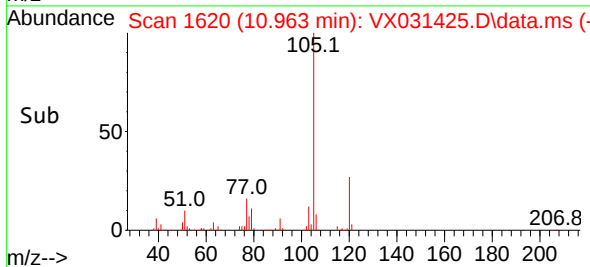
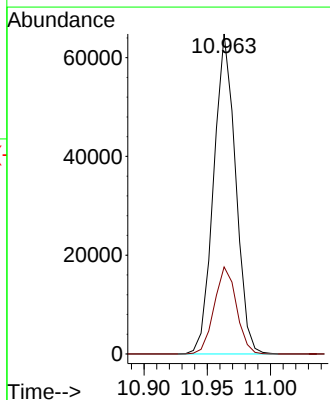
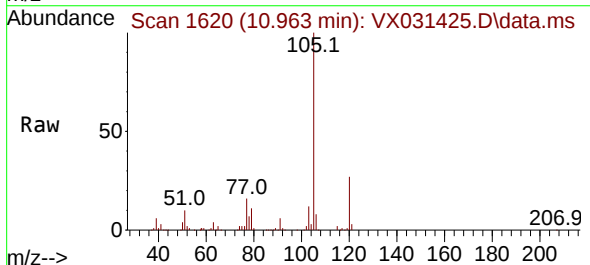
Manual Integrations
APPROVED

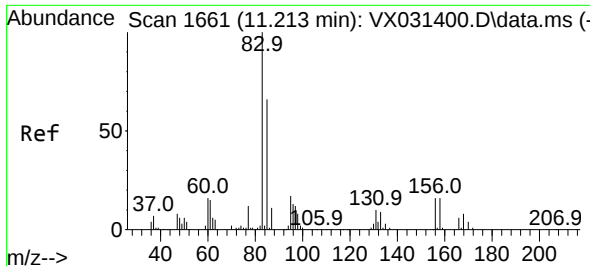
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#70
Isopropylbenzene
Concen: 15.979 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

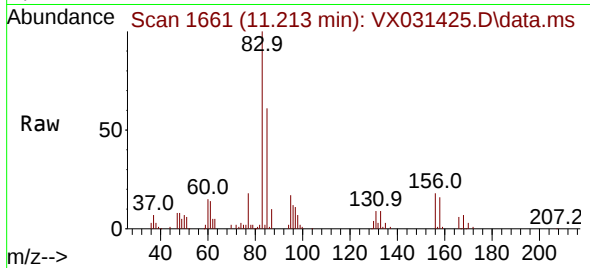
Tgt Ion:105 Resp: 78120
Ion Ratio Lower Upper
105 100
120 27.4 18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 18.459 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

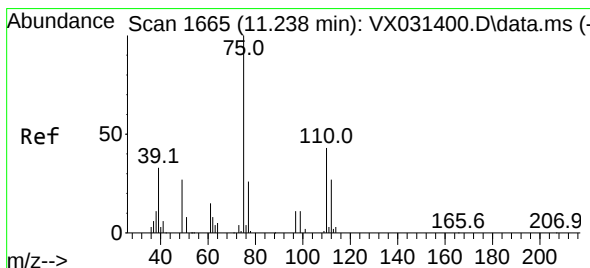
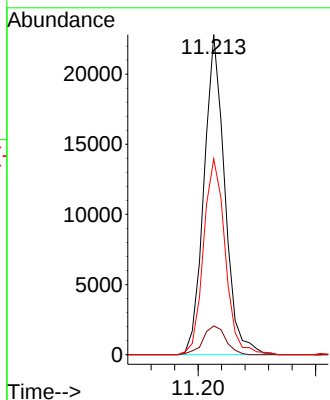
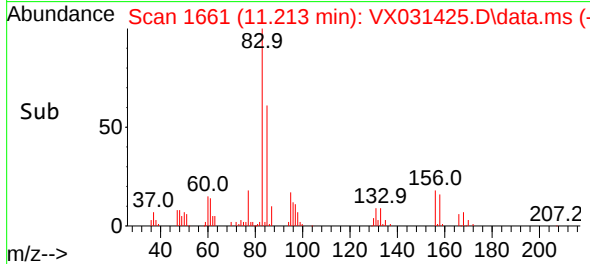
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



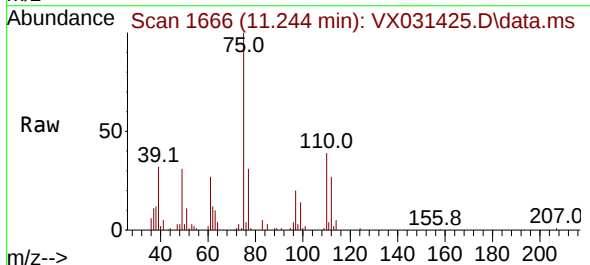
Tgt Ion: 83 Resp: 2798
Ion Ratio Lower Upper
83 100
131 9.9 5.8 17.3
85 64.1 32.0 96.2

Manual Integrations
APPROVED

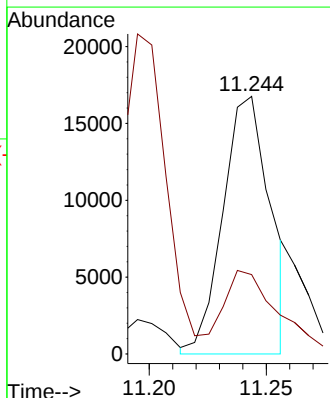
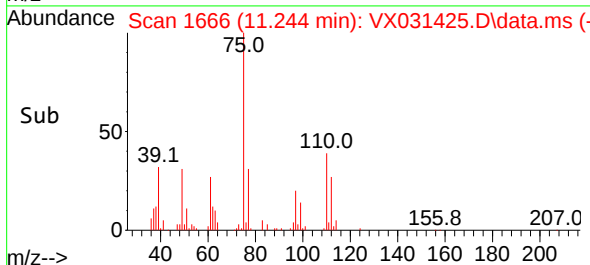
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

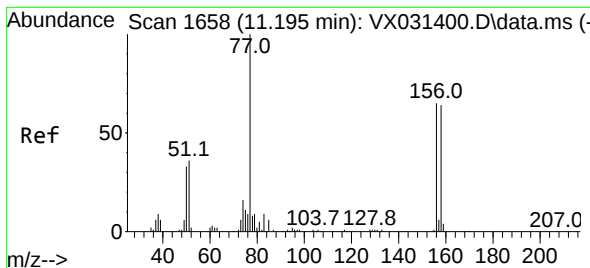


#72
1,2,3-Trichloropropane
Concen: 16.905 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06



Tgt Ion: 75 Resp: 23550
Ion Ratio Lower Upper
75 100
77 38.7 0.0 78.6





#73

Bromobenzene

Concen: 16.344 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

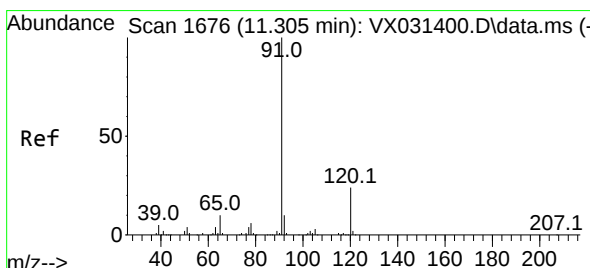
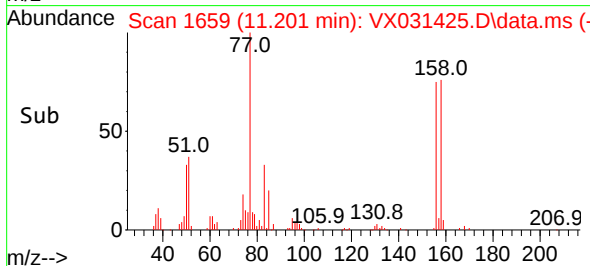
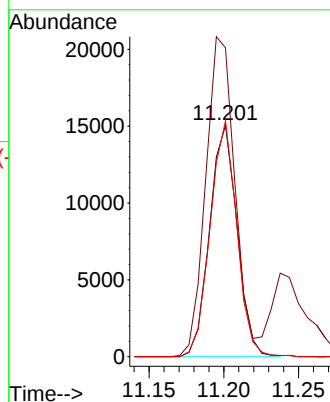
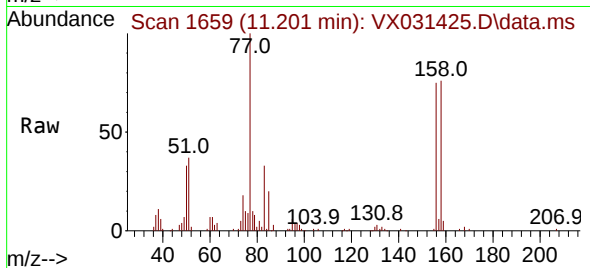
Tgt Ion:	156	Resp:	1925
Ion Ratio	Lower	Upper	
156	100		
77	144.9	0.0	297.6
158	98.8	0.0	188.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#74

n-propylbenzene

Concen: 16.256 ug/l

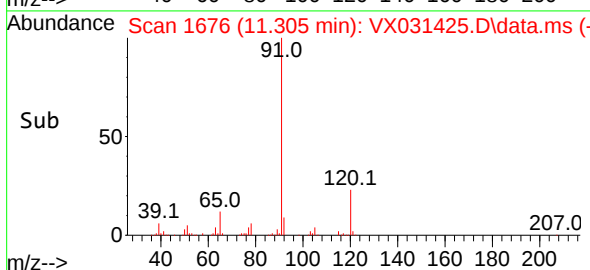
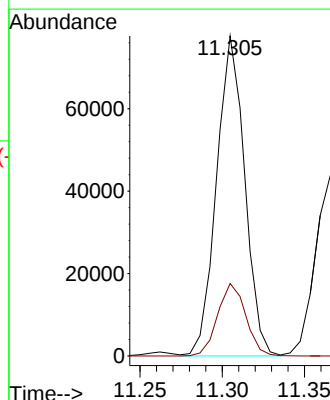
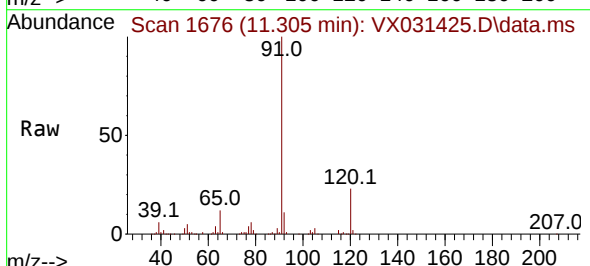
RT: 11.305 min Scan# 1676

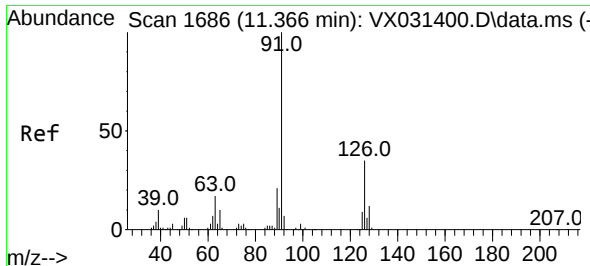
Delta R.T. -0.000 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

Tgt Ion:	91	Resp:	92497
Ion Ratio	Lower	Upper	
91	100		
120	22.6	0.0	48.0





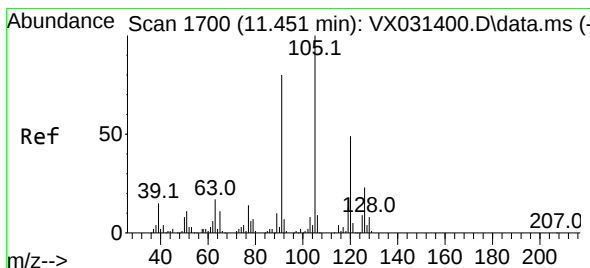
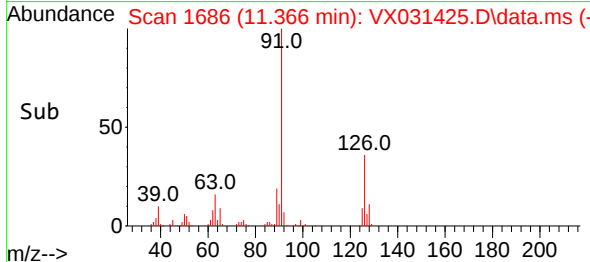
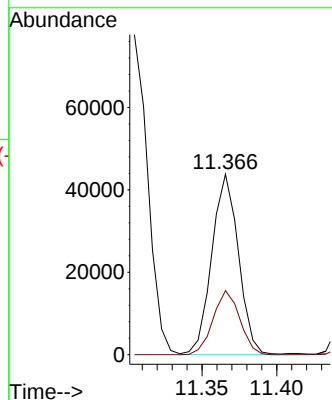
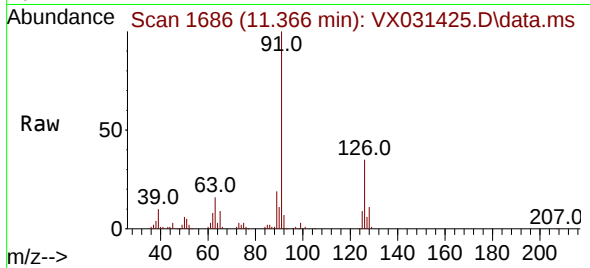
#75
2-Chlorotoluene
Concen: 16.330 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 5441
Ion Ratio Lower Upper
91 100
126 35.4 0.0 68.6

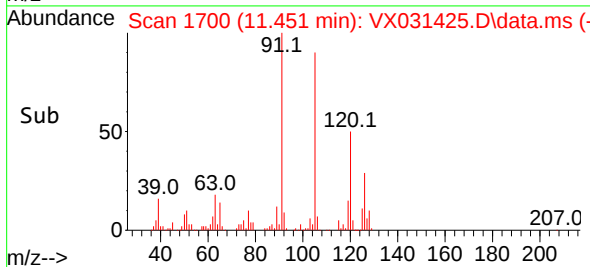
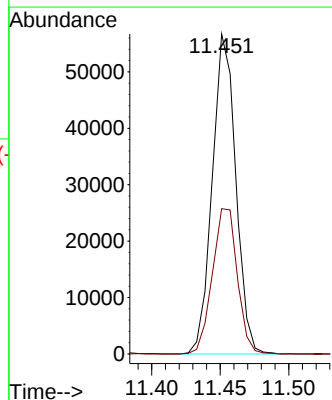
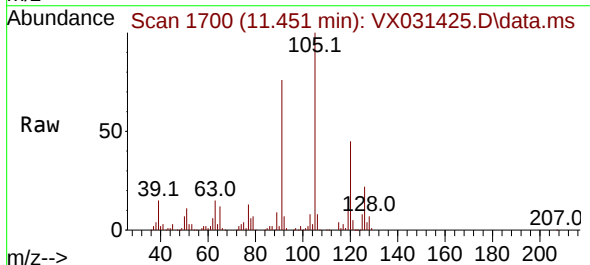
Manual Integrations
APPROVED

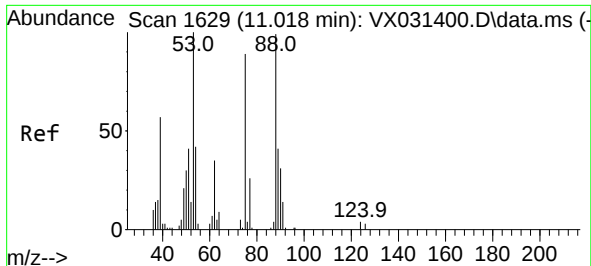
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#76
1,3,5-Trimethylbenzene
Concen: 15.621 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Tgt Ion:105 Resp: 67641
Ion Ratio Lower Upper
105 100
120 48.2 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 13.445 ug/l

RT: 11.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

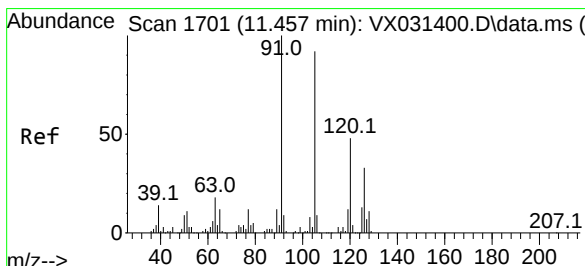
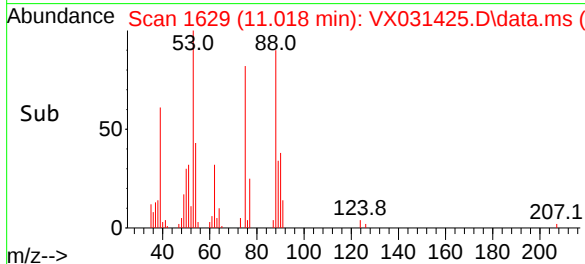
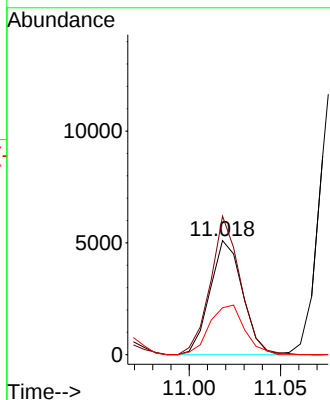
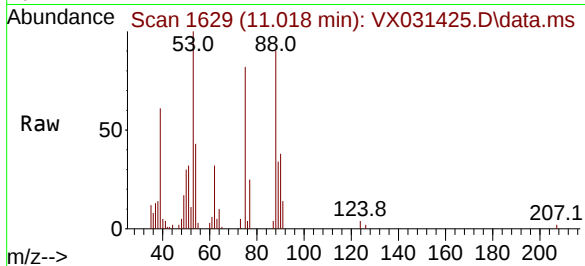
Tgt Ion:	75	Resp:	6334
Ion Ratio	Lower	Upper	
75	100		
53	121.4	59.7	179.1
89	41.0	23.1	69.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#78

4-Chlorotoluene

Concen: 15.546 ug/l

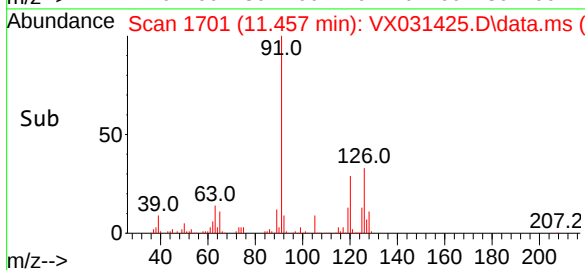
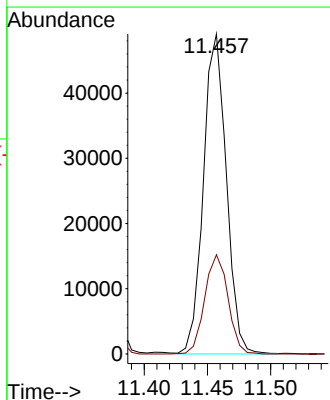
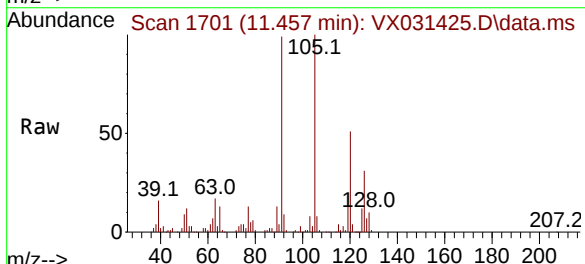
RT: 11.457 min Scan# 1701

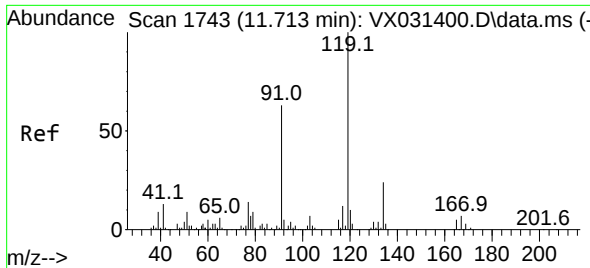
Delta R.T. -0.000 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

Tgt Ion:	91	Resp:	61865
Ion Ratio	Lower	Upper	
91	100		
126	31.4	0.0	59.8





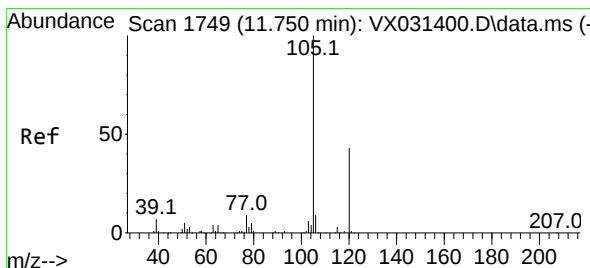
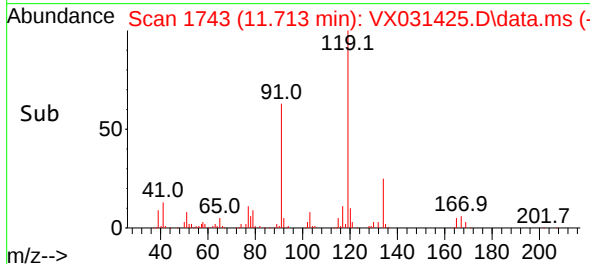
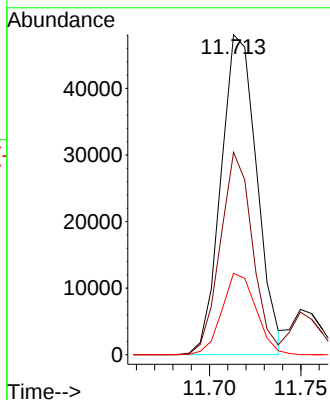
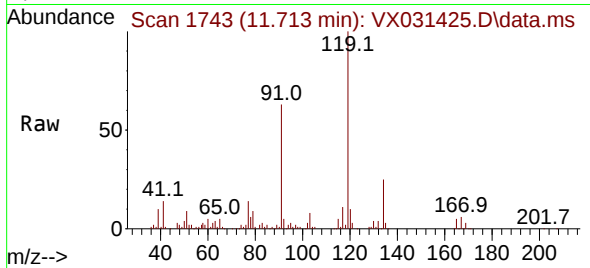
#79
tert-butylbenzene
Concen: 16.020 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 65609
Ion Ratio Lower Upper
119 100
91 56.9 0.0 119.4
134 24.3 0.0 48.4

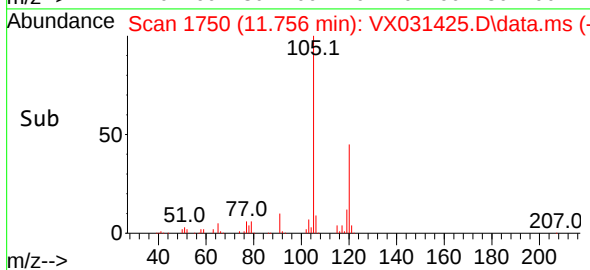
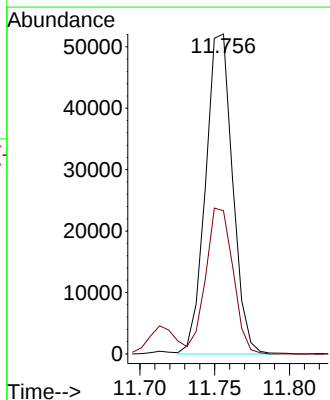
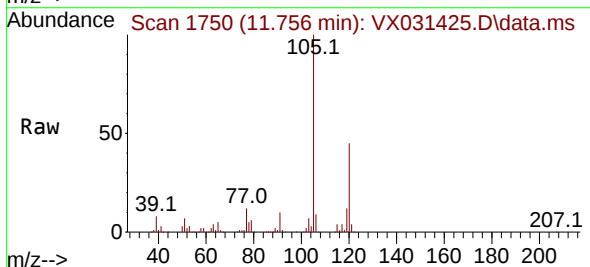
Manual Integrations
APPROVED

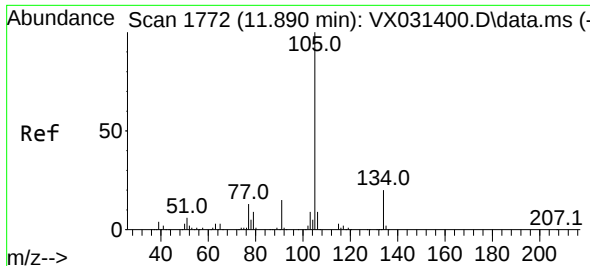
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#80
1,2,4-Trimethylbenzene
Concen: 15.631 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

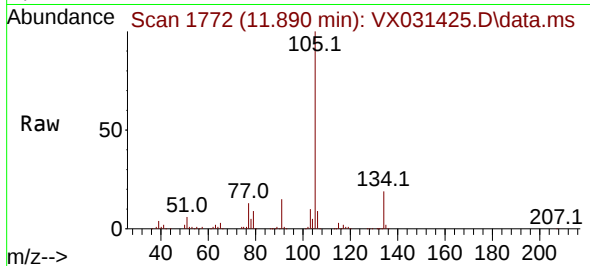
Tgt Ion:105 Resp: 65625
Ion Ratio Lower Upper
105 100
120 45.8 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 15.940 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX031425.D
 Acq: 16 Sep 2022 21:06

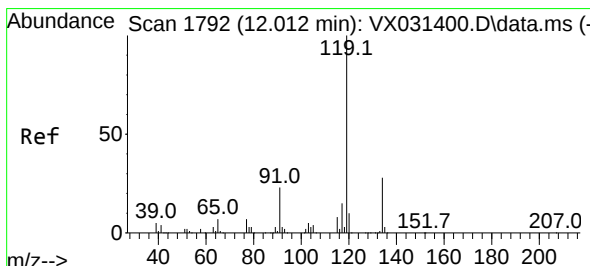
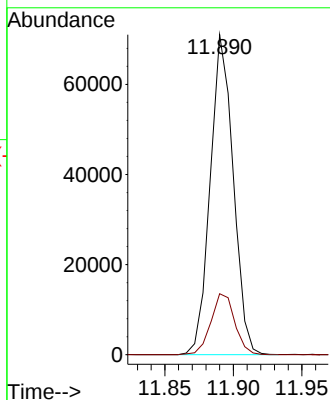
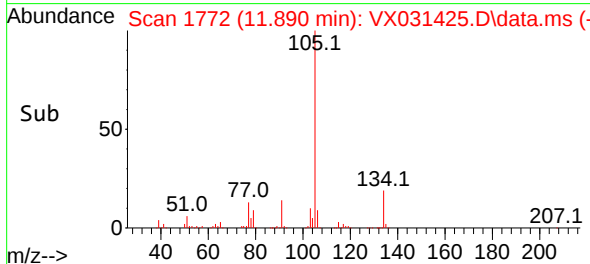
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



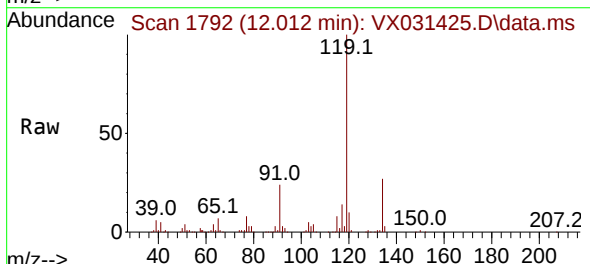
Tgt Ion:105 Resp: 8289
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 41.2

Manual Integrations
 APPROVED

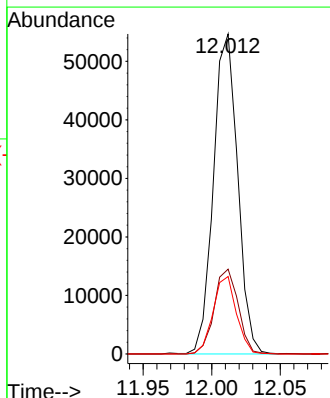
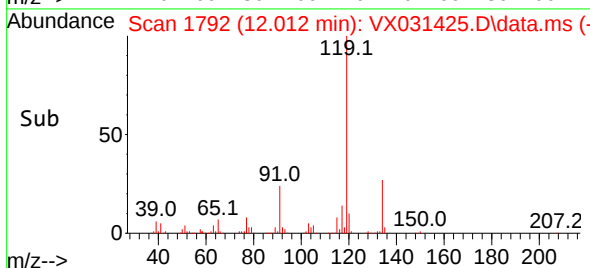
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

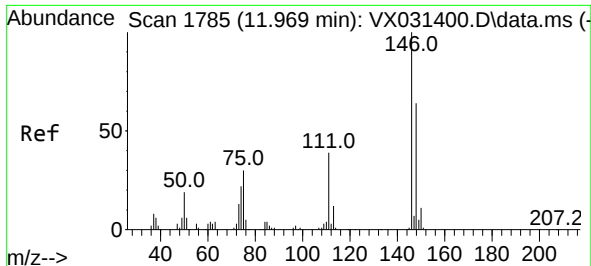


#82
 p-Isopropyltoluene
 Concen: 15.151 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX031425.D
 Acq: 16 Sep 2022 21:06



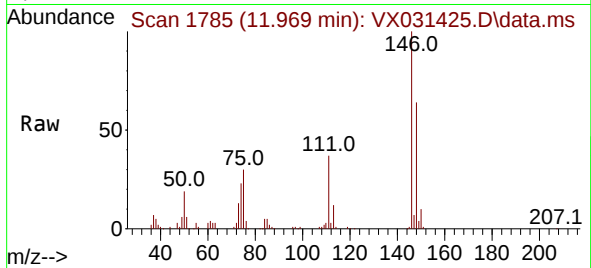
Tgt Ion:119 Resp: 67251
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.4
 91 23.3 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 15.612 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

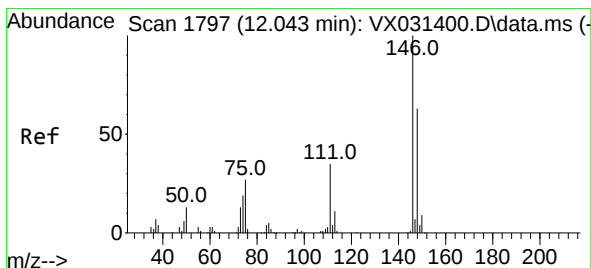
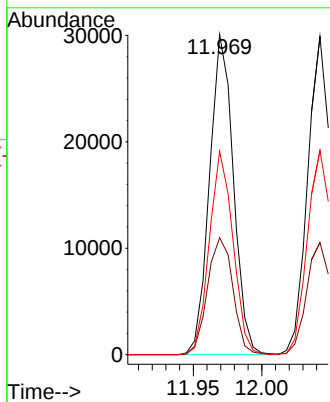
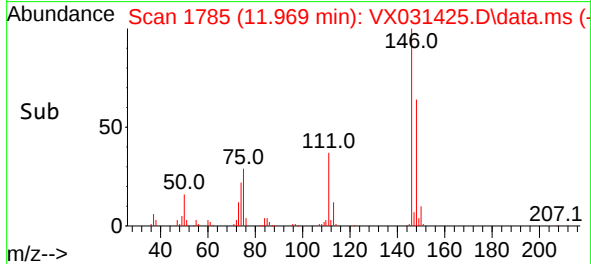
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



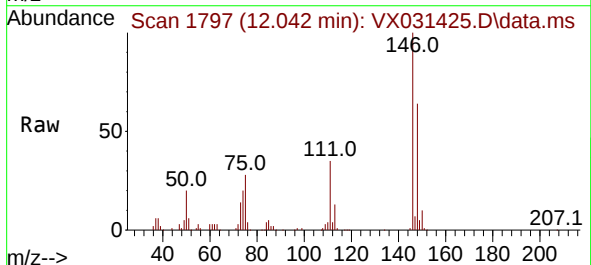
Tgt Ion:146 Resp: 36412
Ion Ratio Lower Upper
146 100
111 38.9 19.8 59.4
148 63.2 31.6 94.8

Manual Integrations
APPROVED

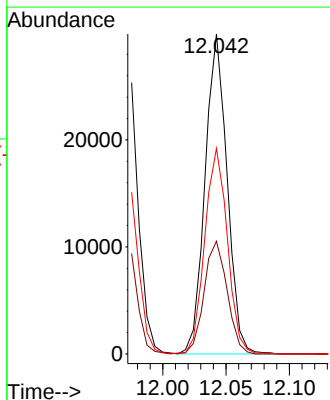
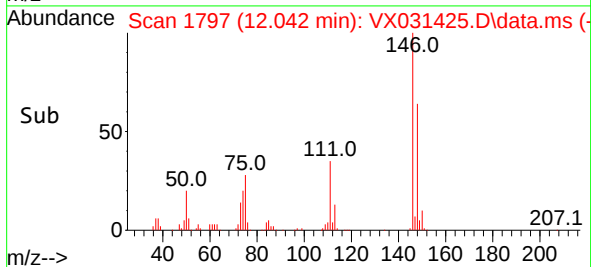
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

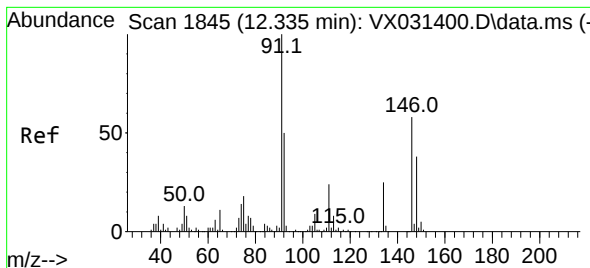


#84
1,4-Dichlorobenzene
Concen: 15.151 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06



Tgt Ion:146 Resp: 36289
Ion Ratio Lower Upper
146 100
111 36.7 19.2 57.6
148 65.1 32.3 96.8





#85

n-Butylbenzene

Concen: 15.351 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

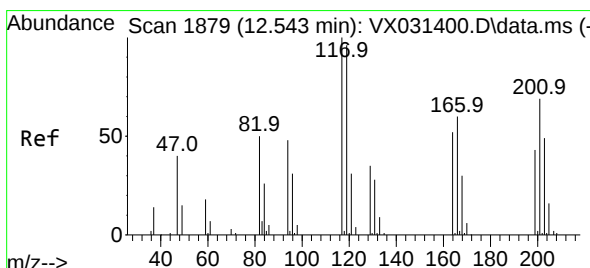
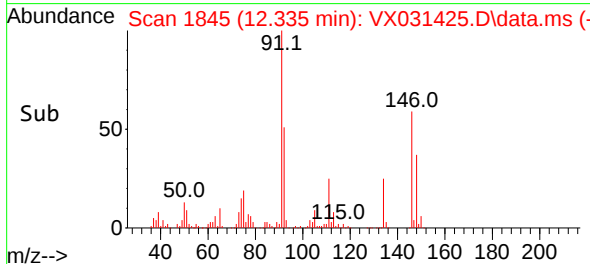
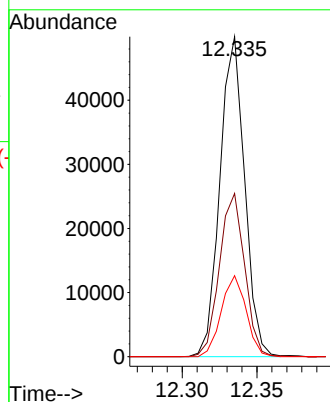
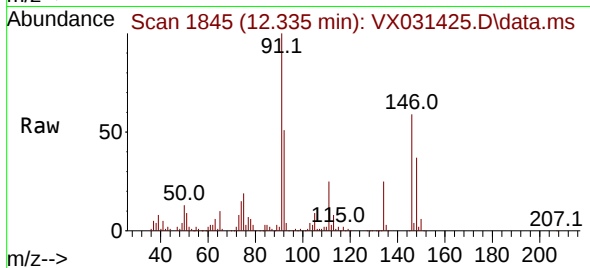
Tgt Ion:	91	Resp:	57270
Ion Ratio	Lower	Upper	
91	100		
92	52.3	0.0	109.4
134	25.6	0.0	56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#86

Hexachloroethane

Concen: 15.110 ug/l

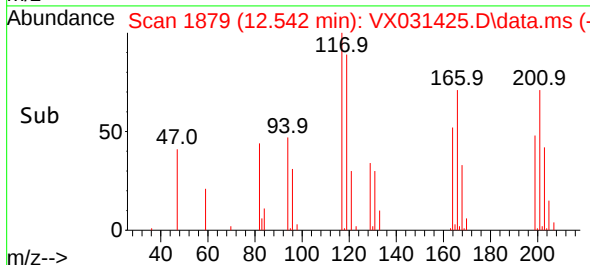
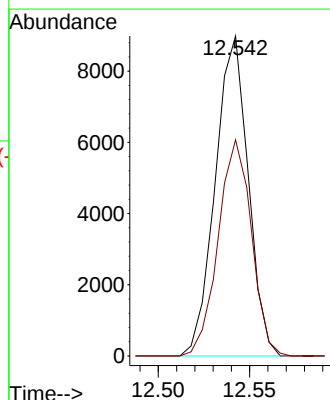
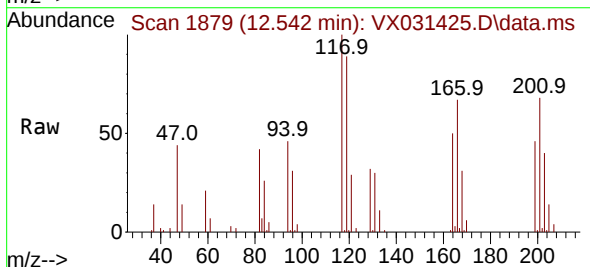
RT: 12.542 min Scan# 1879

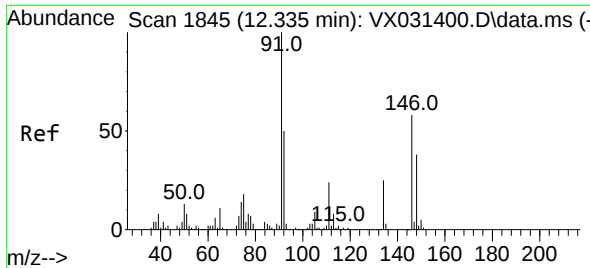
Delta R.T. -0.000 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

Tgt Ion:	117	Resp:	11264
Ion Ratio	Lower	Upper	
117	100		
201	68.2	39.5	118.5





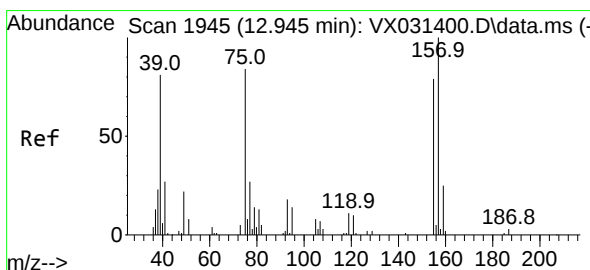
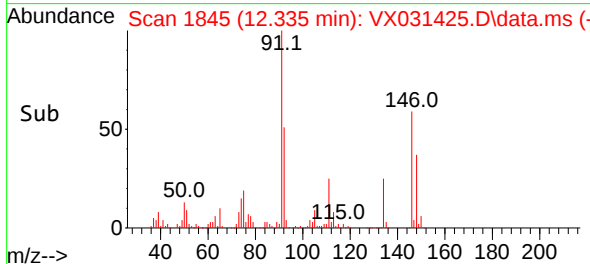
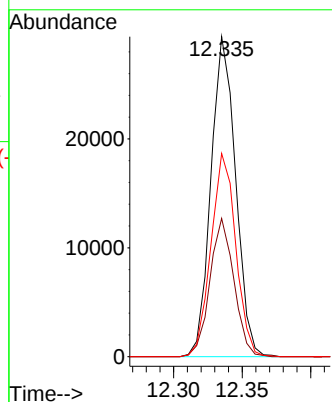
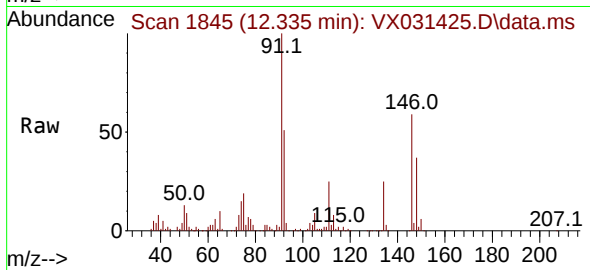
#87
1,2-Dichlorobenzene
Concen: 15.874 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 3676
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.3
148 64.0 31.4 94.2

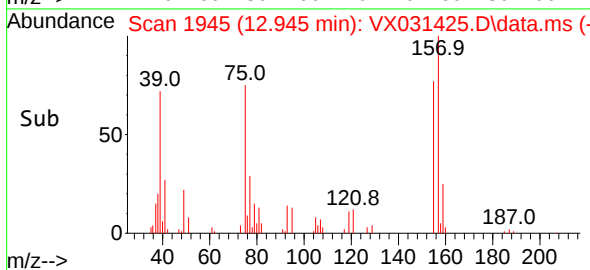
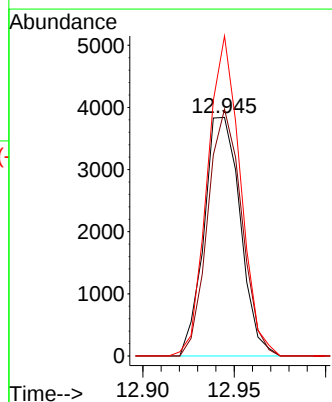
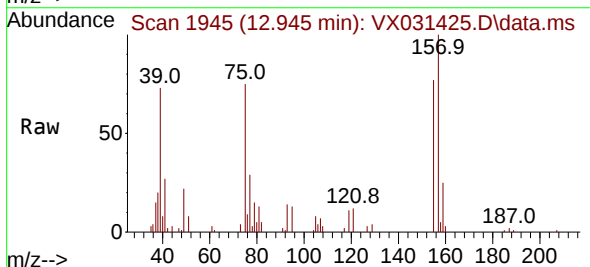
Manual Integrations
APPROVED

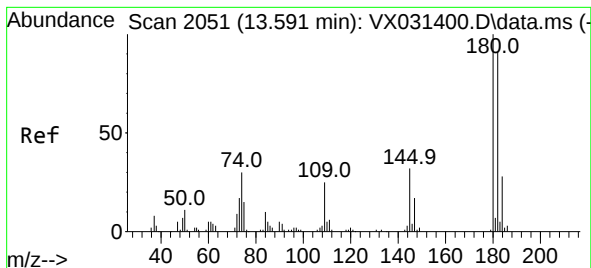
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.404 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Tgt Ion: 75 Resp: 5298
Ion Ratio Lower Upper
75 100
155 96.9 74.3 111.5
157 121.6 97.3 145.9





#89

1,2,4-Trichlorobenzene

Concen: 16.750 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

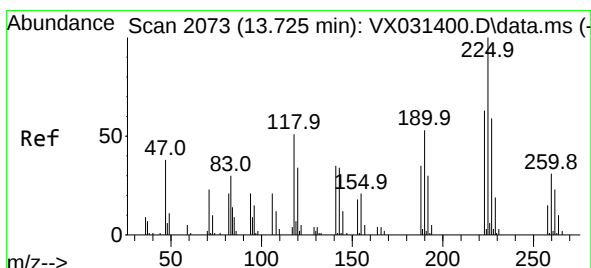
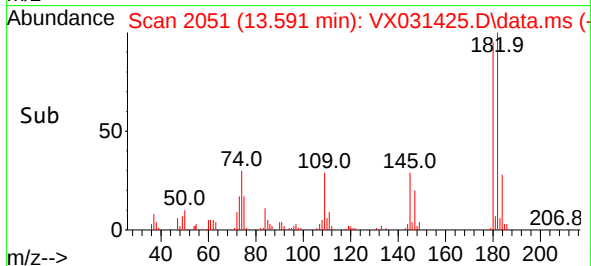
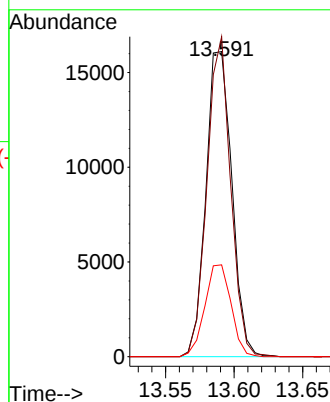
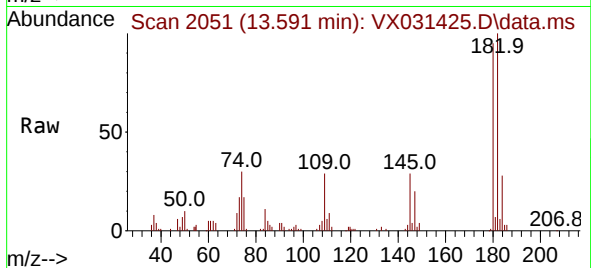
Tgt Ion:	180	Resp:	21304
Ion Ratio	Lower	Upper	
180	100		
182	95.2	77.4	116.2
145	30.3	24.2	36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#90

Hexachlorobutadiene

Concen: 16.983 ug/l

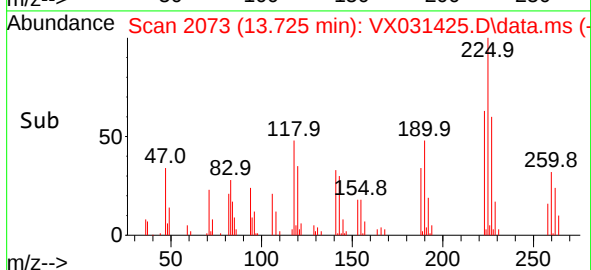
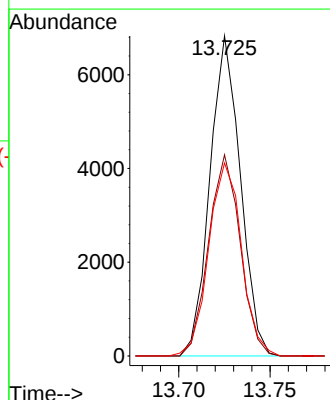
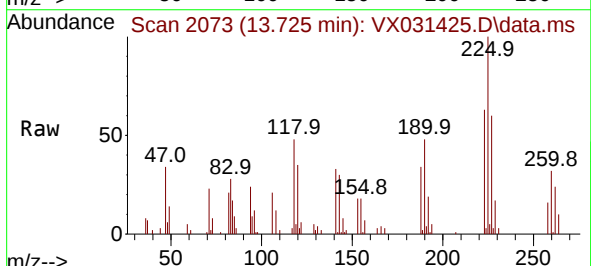
RT: 13.725 min Scan# 2073

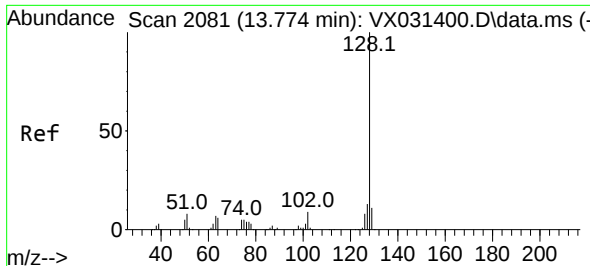
Delta R.T. -0.000 min

Lab File: VX031425.D

Acq: 16 Sep 2022 21:06

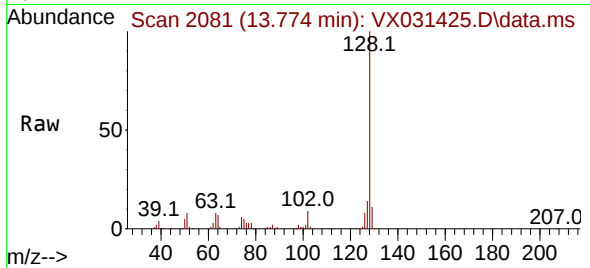
Tgt Ion:	225	Resp:	7921
Ion Ratio	Lower	Upper	
225	100		
223	65.1	0.0	126.0
227	64.8	0.0	125.0





#91
Naphthalene
Concen: 17.362 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

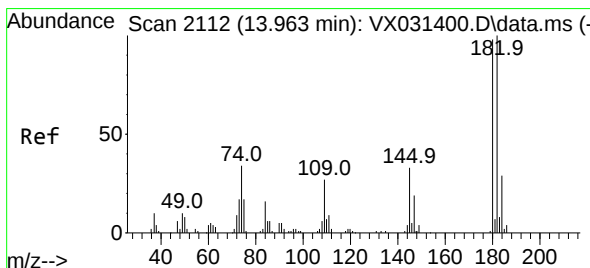
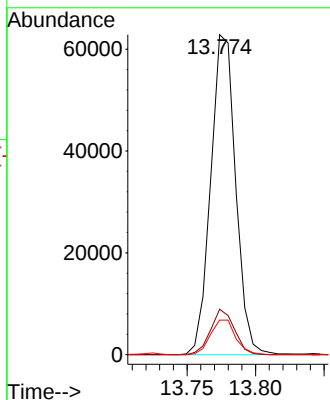
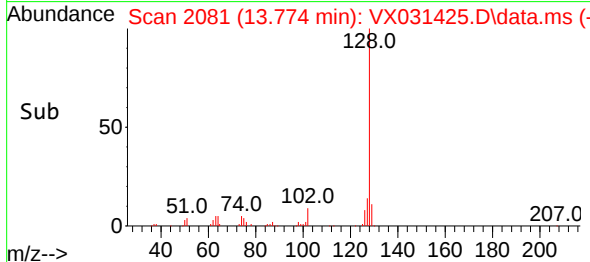
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 79628
Ion Ratio Lower Upper
128 100
127 13.6 10.0 15.0
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#92
1,2,3-Trichlorobenzene
Concen: 17.452 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031425.D
Acq: 16 Sep 2022 21:06

Tgt Ion:180 Resp: 22268
Ion Ratio Lower Upper
180 100
182 94.3 0.0 189.4
145 31.6 0.0 67.2

