

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042822\
 Data File : VX028405.D
 Acq On : 28 Apr 2022 17:34
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2022
 Supervised By : Mahesh Dadoda 04/29/2022

Quant Time: Apr 29 05:40:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 29 05:39:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	70392	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	391967	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	350918	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	135090	28.110	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	93.700%	
60) 4-Bromofluorobenzene	11.079	95	163589	28.912	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	96.367%	
63) Toluene-d8	8.653	98	457061	30.296	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	101.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50807	12.462	ug/l	96
3) Chloromethane	1.294	50	39600	12.107	ug/l	93
4) Vinyl Chloride	1.374	62	50036	15.344	ug/l	99
5) Bromomethane	1.605	94	40058	21.585	ug/l	100
6) Chloroethane	1.685	64	37961	18.815	ug/l	96
7) Trichlorofluoromethane	1.886	101	107426	18.477	ug/l	96
8) Diethyl Ether	2.136	74	42195	21.744	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	60519	15.482	ug/l	99
10) 1,1-Dichloroethene	2.319	96	50390	13.515	ug/l	93
11) Methyl Iodide	2.453	142	64134	14.189	ug/l	97
12) Methyl Acetate	2.703	43	84542	16.774	ug/l	99
13) Acrolein	2.233	56	81649	97.485	ug/l	99
14) Acrylonitrile	3.062	53	195001	85.596	ug/l	99
15) Acetone	2.374	58	54747	84.835	ug/l	99
16) Carbon Disulfide	2.514	76	57367	6.268	ug/l	100
17) Allyl chloride	2.666	41	76616	12.524	ug/l	86
18) Methylene Chloride	2.788	84	65693	15.310	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	56958	14.036	ug/l	92
20) Diisopropyl ether	3.757	45	195300	15.977	ug/l	98
21) 1,1-Dichloroethane	3.611	63	114347	15.978	ug/l	97
22) cis-1,2-Dichloroethene	4.495	96	80511	16.761	ug/l	97
23) tert-Butyl Alcohol	2.953	59	103494	107.515	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	228530	17.620	ug/l	97
25) Chloroform	5.099	83	134596	17.361	ug/l	95
26) Cyclohexane	5.471	56	73085	11.862	ug/l #	94
29) 1,1-Dichloropropene	5.690	75	82181	14.601	ug/l	97
30) 2-Butanone	4.556	43	266612	82.596	ug/l	93
31) 2,2-Dichloropropane	4.477	77	97701	16.729	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	112626	16.154	ug/l	99
33) Carbon Tetrachloride	5.678	117	95814	15.203	ug/l	98
34) Benzene	6.044	78	260259	15.688	ug/l	98
35) Methacrylonitrile	4.916	41	53833	16.031	ug/l	89
36) 1,2-Dichloroethane	6.086	62	97757	16.104	ug/l	96
37) Trichloroethene	7.129	130	78113	15.485	ug/l	93
38) Methylcyclohexane	7.385	83	83936	12.336	ug/l	94
39) 1,2-Dichloropropane	7.434	63	68488	16.581	ug/l	95
40) Dibromomethane	7.586	93	53005	17.016	ug/l	98
41) Bromodichloromethane	7.824	83	95124	16.032	ug/l	99
42) Vinyl Acetate	3.721	43	810140	75.858	ug/l	96

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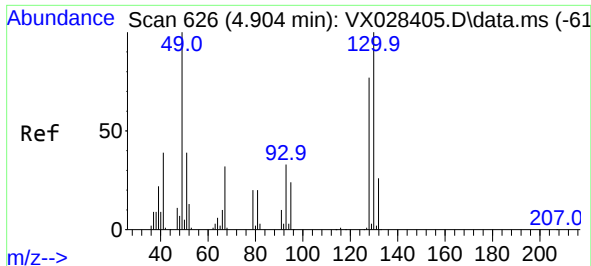
Manual Integrations
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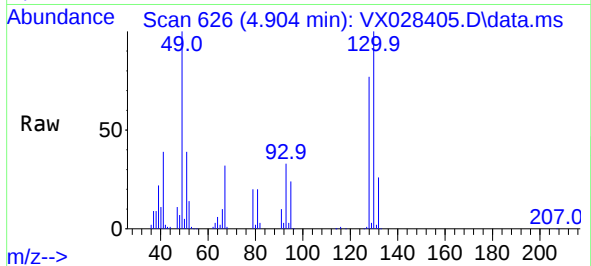
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	98630	16.056	ug/l	100
44) Isopropyl Acetate	6.342	43	153471	16.170	ug/l	98
45) 1,4-Dioxane	7.659	88	41763	378.807	ug/l #	88
46) Methyl methacrylate	7.696	41	70321	15.160	ug/l	86
47) n-amyl Acetate	10.842	43	129815	16.461	ug/l	98
48) t-1,3-Dichloropropene	8.982	75	96873	15.713	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	108878	16.153	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	81714	18.189	ug/l	97
51) Ethyl methacrylate	9.116	69	115325	16.757	ug/l	93
52) 1,3-Dichloropropane	9.311	76	128986	17.372	ug/l	99
53) Dibromochloromethane	9.525	129	78231	16.231	ug/l	100
54) 1,2-Dibromoethane	9.610	107	85476	17.607	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	303699	90.157	ug/l	98
56) Bromoform	10.799	173	56117	15.785	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	527898	86.650	ug/l	94
59) 2-Hexanone	9.433	43	410513	87.674	ug/l	95
61) Tetrachloroethene	9.275	164	76566	15.860	ug/l	98
62) Toluene	8.720	91	304745	16.667	ug/l	98
64) Chlorobenzene	10.079	112	213362	17.900	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	81077	17.826	ug/l	97
66) Ethyl Benzene	10.195	91	358007	17.236	ug/l	99
67) m/p-Xylenes	10.305	106	285907	35.051	ug/l	97
68) o-Xylene	10.640	106	144916	18.062	ug/l	97
69) Styrene	10.659	104	240411	18.023	ug/l	98
70) Isopropylbenzene	10.963	105	380800	18.066	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	129950	20.443	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	115857m	19.105	ug/l	
73) Bromobenzene	11.201	156	98679	18.652	ug/l	93
74) n-propylbenzene	11.305	91	417519	17.429	ug/l	98
75) 2-Chlorotoluene	11.366	91	260553	17.906	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	317220	17.948	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	29900	16.687	ug/l	91
78) 4-Chlorotoluene	11.457	91	291541	17.636	ug/l	96
79) tert-butylbenzene	11.719	119	311462	18.058	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	315499	17.873	ug/l	96
81) sec-Butylbenzene	11.890	105	375208	17.185	ug/l	99
82) p-Isopropyltoluene	12.012	119	323490	17.396	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	186718	18.720	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	188423	18.845	ug/l	98
85) n-Butylbenzene	12.335	91	256375	16.828	ug/l	99
86) Hexachloroethane	12.542	117	46729	16.121	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	188063	19.452	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	26230	17.763	ug/l	97
89) 1,2,4-Trichlorobenzene	13.591	180	113390	17.959	ug/l	98
90) Hexachlorobutadiene	13.725	225	47824	18.057	ug/l	97
91) Naphthalene	13.774	128	408985	19.248	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	113186	17.890	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

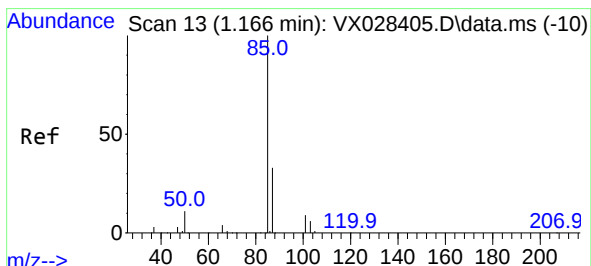
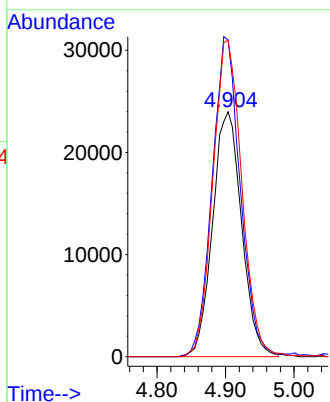
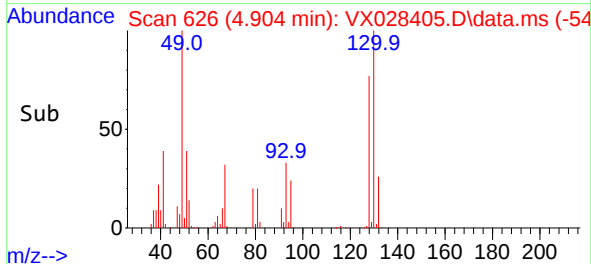
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 70392
Ion Ratio Lower Upper
128 100
49 126.5 0.0 358.3
130 128.8 0.0 319.3

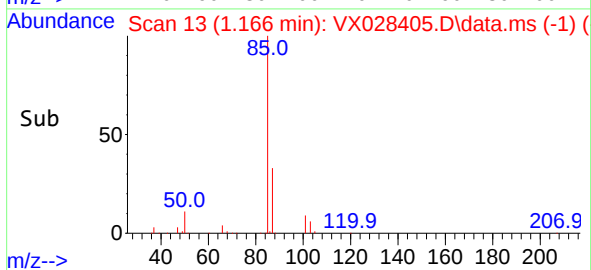
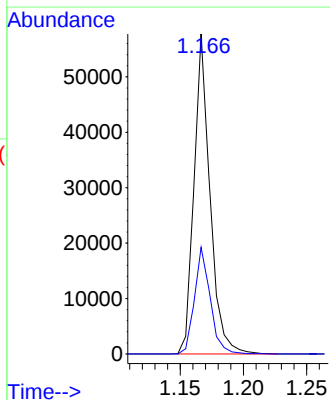
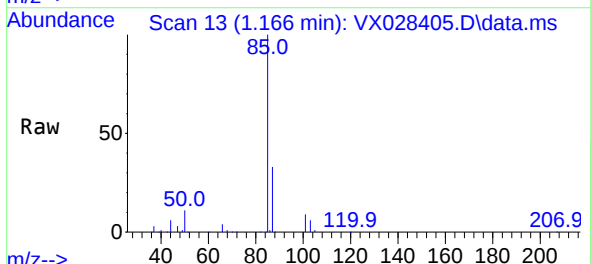
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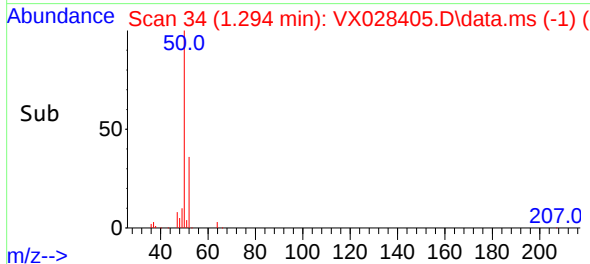
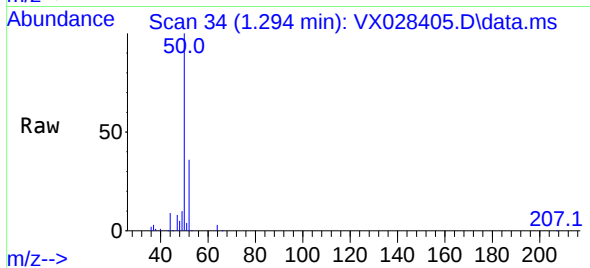
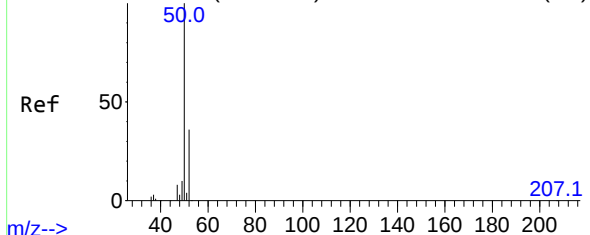


#2
Dichlorodifluoromethane
Concen: 12.462 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

Tgt Ion: 85 Resp: 50807
Ion Ratio Lower Upper
85 100
87 33.3 15.6 46.8



Abundance Scan 34 (1.294 min): VX028405.D\data.ms (-30)



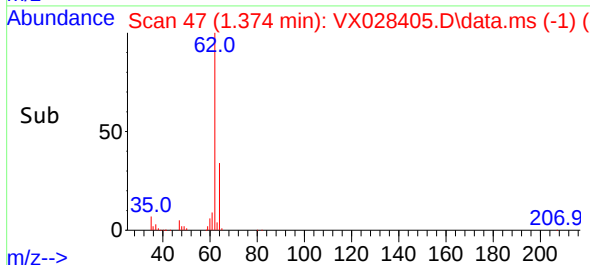
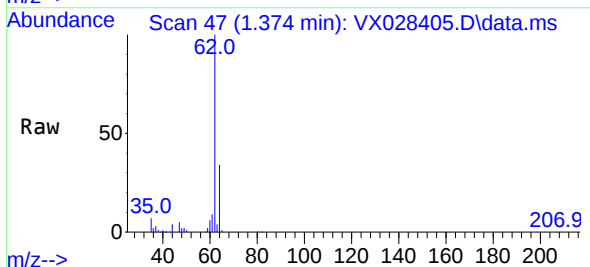
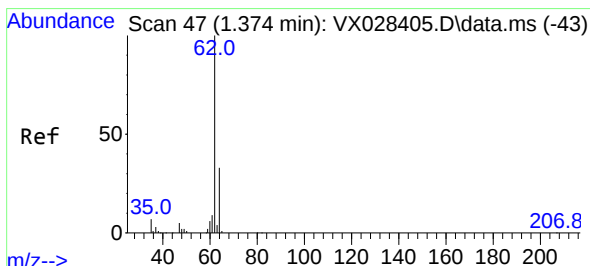
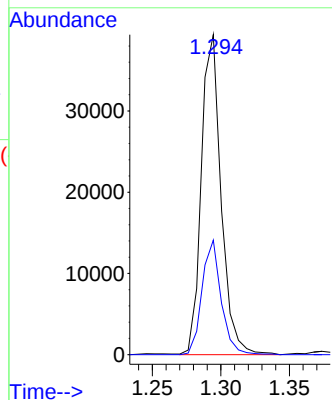
#3
Chloromethane
Concen: 12.107 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

Tgt Ion: 50 Resp: 39600
Ion Ratio Lower Upper
50 100
52 35.8 25.6 38.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

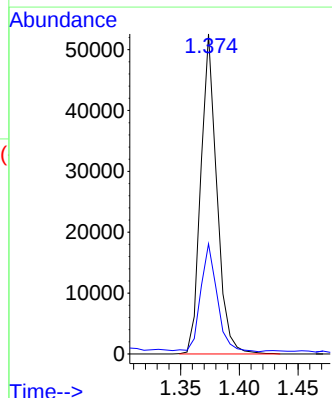
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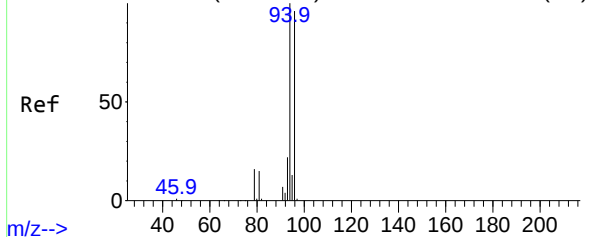


#4
Vinyl Chloride
Concen: 15.344 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

Tgt Ion: 62 Resp: 50036
Ion Ratio Lower Upper
62 100
64 33.4 26.2 39.2

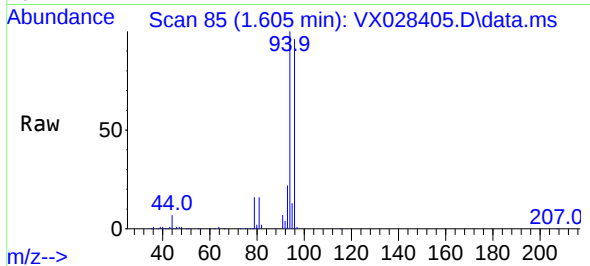


Abundance Scan 85 (1.605 min): VX028405.D\data.ms (-80)



#5
Bromomethane
Concen: 21.585 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

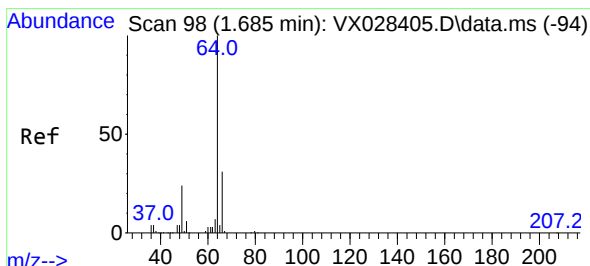
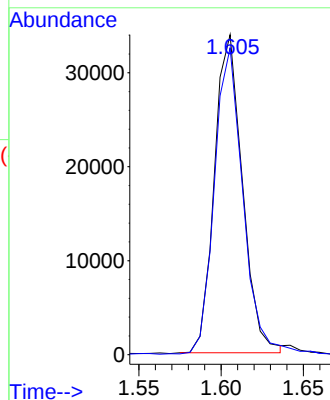
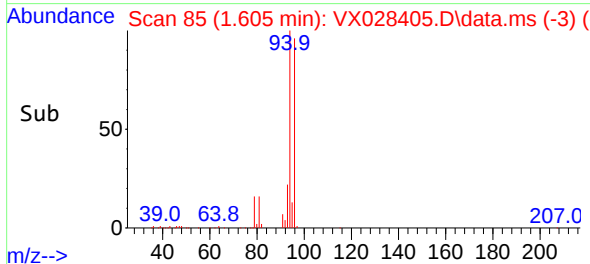
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 94 Resp: 40058
Ion Ratio Lower Upper
94 100
96 96.2 77.0 115.6

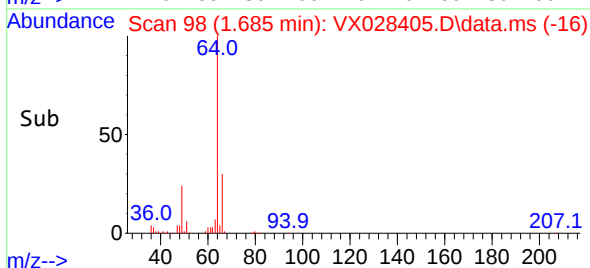
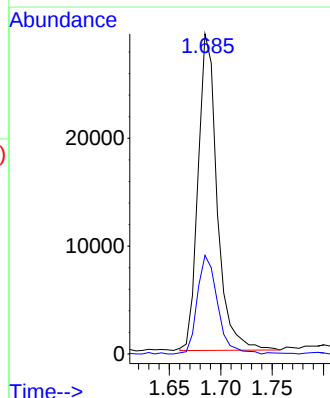
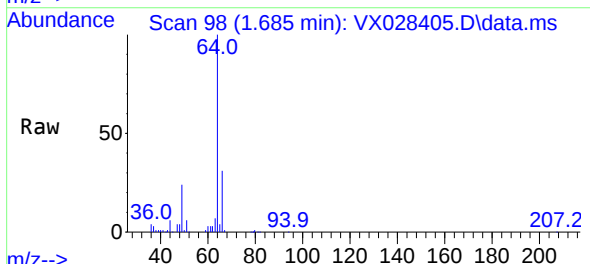
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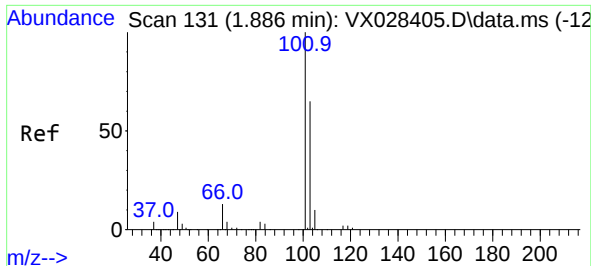
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#6
Chloroethane
Concen: 18.815 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

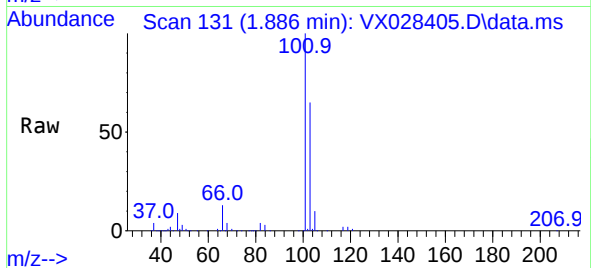
Tgt Ion: 64 Resp: 37961
Ion Ratio Lower Upper
64 100
66 30.9 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 18.477 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028405.D
 Acq: 28 Apr 2022 17:34

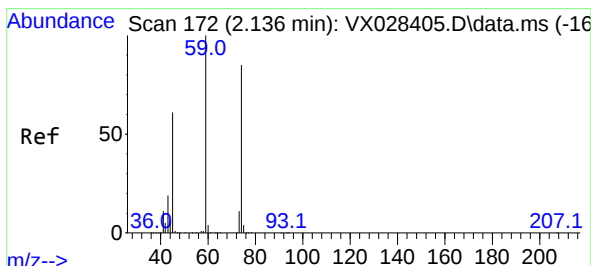
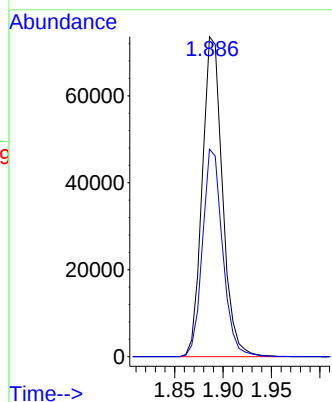
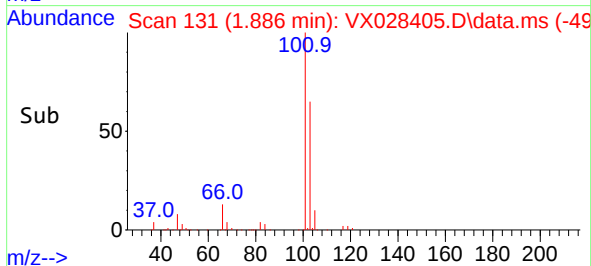
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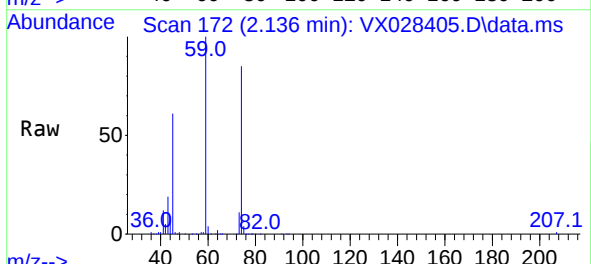
Tgt Ion:101 Resp: 107420
 Ion Ratio Lower Upper
 101 100
 103 64.8 49.6 74.4

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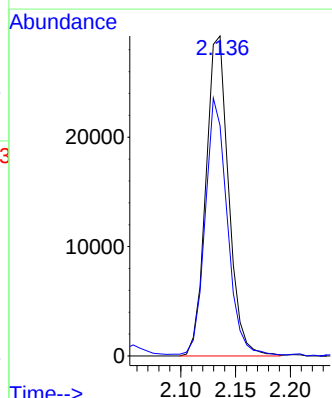
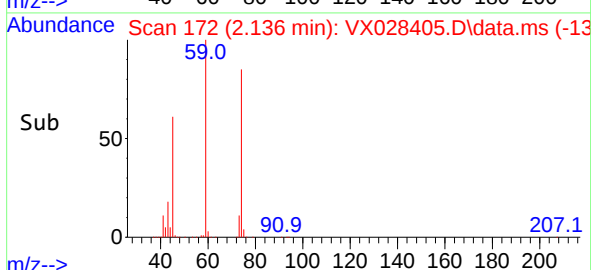
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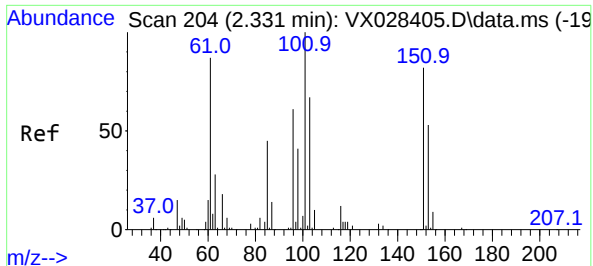


#8
 Diethyl Ether
 Concen: 21.744 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX028405.D
 Acq: 28 Apr 2022 17:34



Tgt Ion: 74 Resp: 42195
 Ion Ratio Lower Upper
 74 100
 45 79.0 18.7 168.7





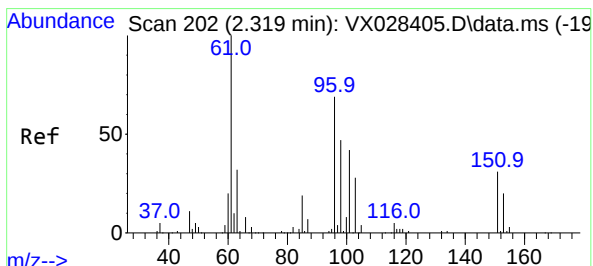
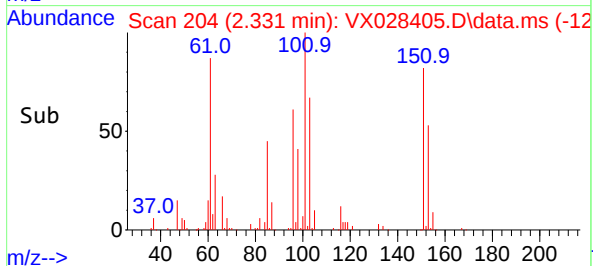
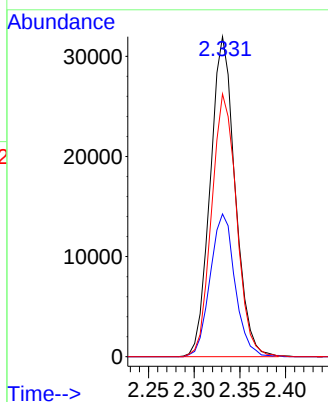
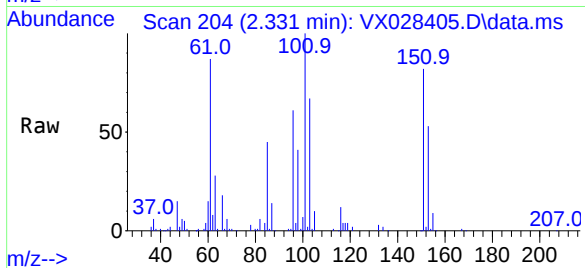
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1,1,2-Trichlorotrifluoroethane
Concen: 15.482 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 60519
Ion Ratio Lower Upper
101 100
85 44.5 0.0 84.6
151 82.3 0.0 165.4

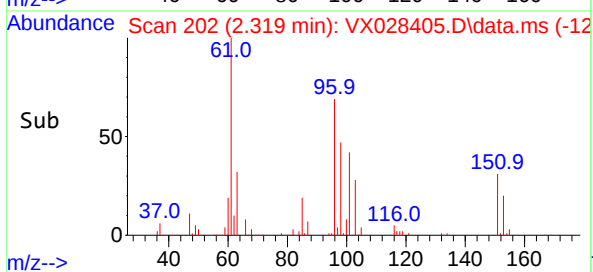
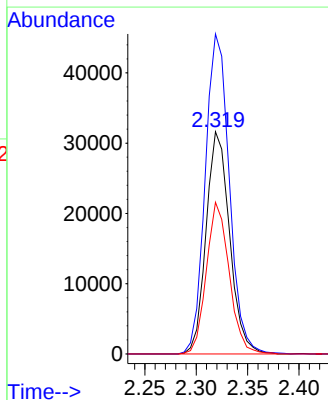
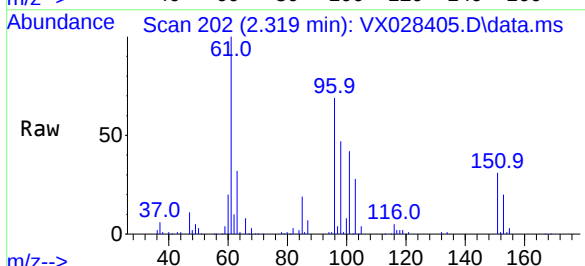
Manual Integrations
APPROVED

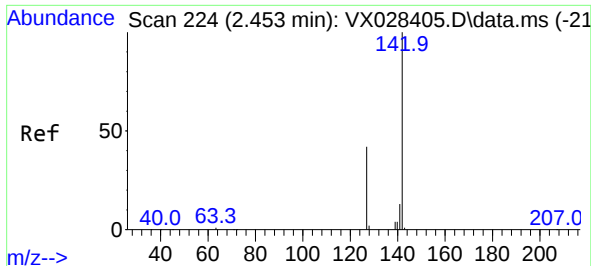
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#10
1,1-Dichloroethene
Concen: 13.515 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

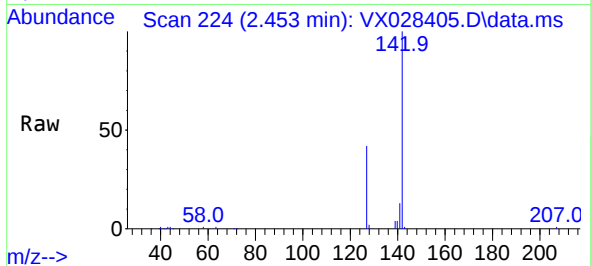
Tgt Ion: 96 Resp: 50390
Ion Ratio Lower Upper
96 100
61 144.0 122.6 183.8
98 68.3 50.1 75.1





#11
Methyl Iodide
Concen: 14.189 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

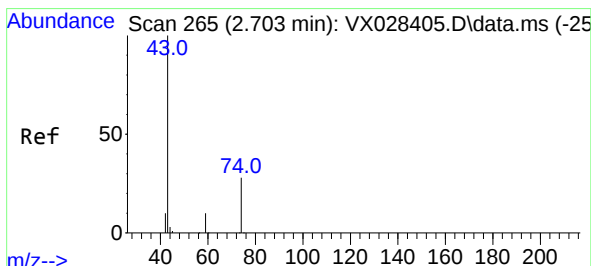
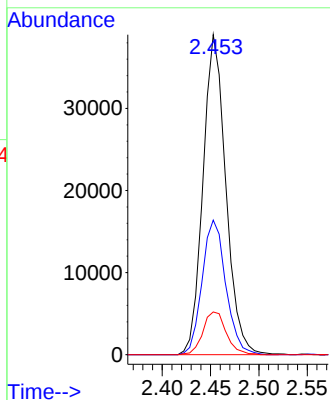
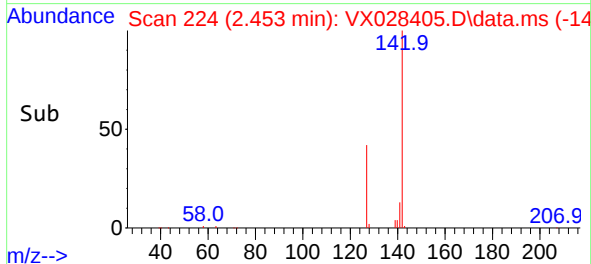
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 64134
Ion Ratio Lower Upper
142 100
127 42.1 22.3 66.9
141 13.4 7.0 20.9

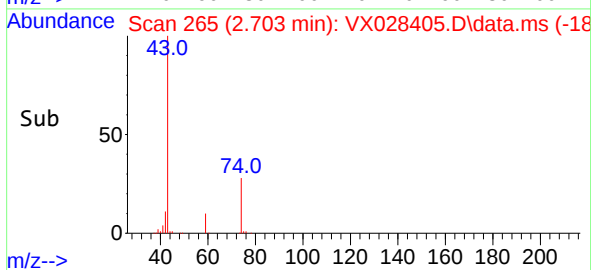
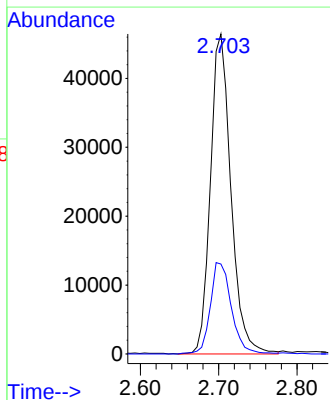
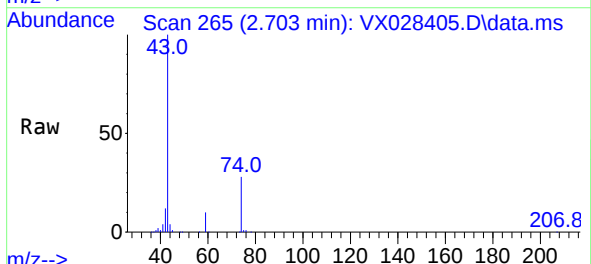
Manual Integrations
APPROVED

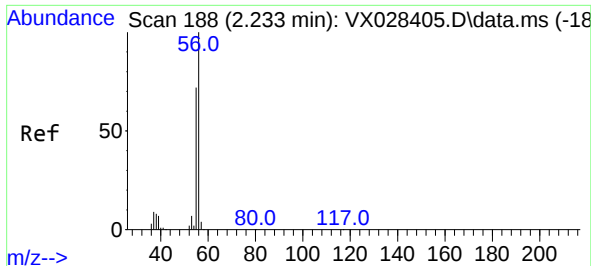
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#12
Methyl Acetate
Concen: 16.774 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

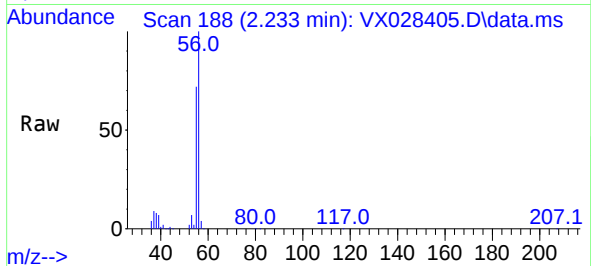
Tgt Ion: 43 Resp: 84542
Ion Ratio Lower Upper
43 100
74 28.1 22.1 33.1





#13
Acrolein
Concen: 97.485 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

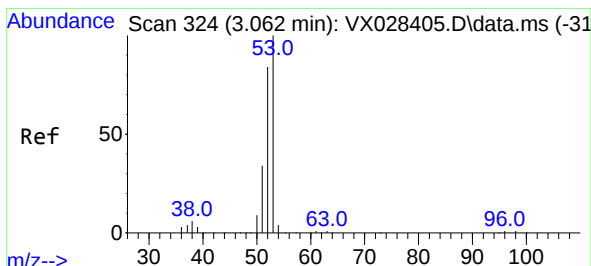
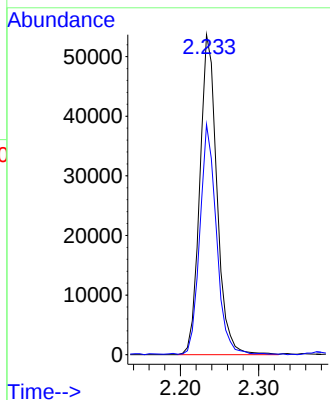
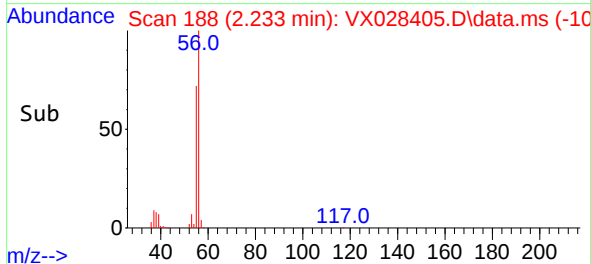
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



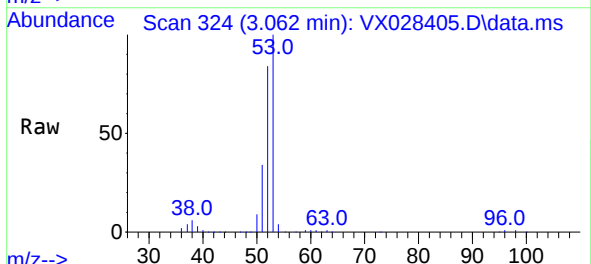
Tgt Ion: 56 Resp: 81649
Ion Ratio Lower Upper
56 100
55 69.5 56.4 84.6

Manual Integrations
APPROVED

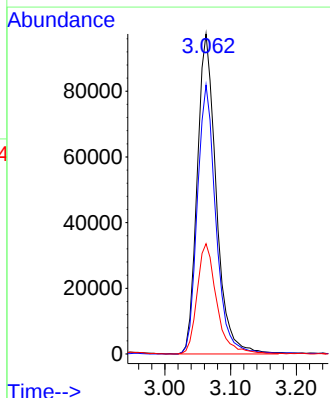
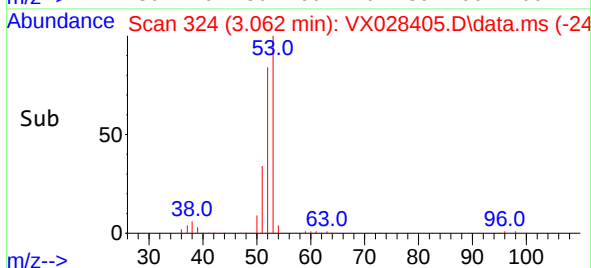
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

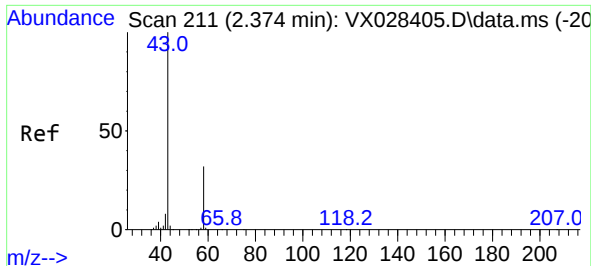


#14
Acrylonitrile
Concen: 85.596 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



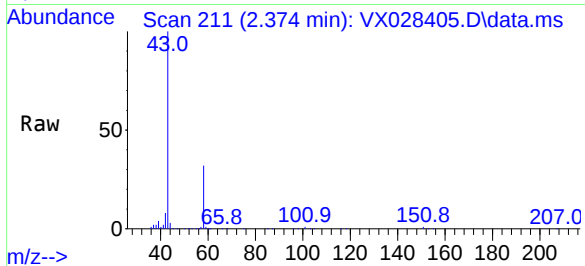
Tgt Ion: 53 Resp: 195001
Ion Ratio Lower Upper
53 100
52 82.2 41.5 124.5
51 35.6 18.1 54.4





#15
Acetone
Concen: 84.835 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

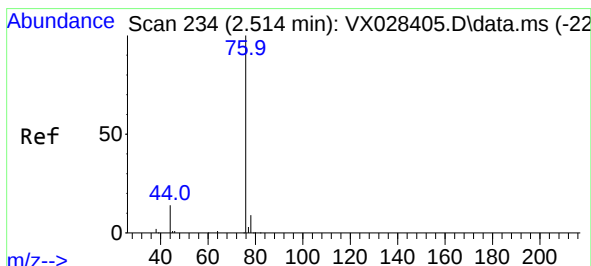
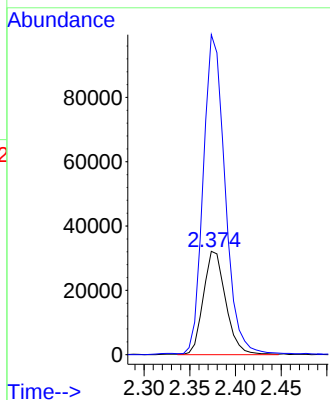
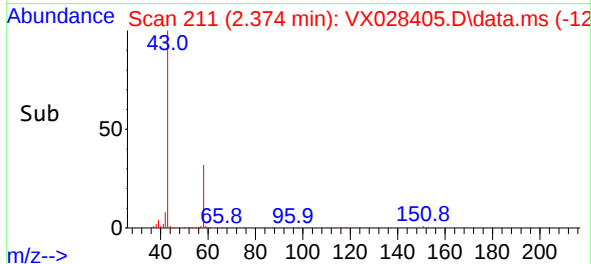
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



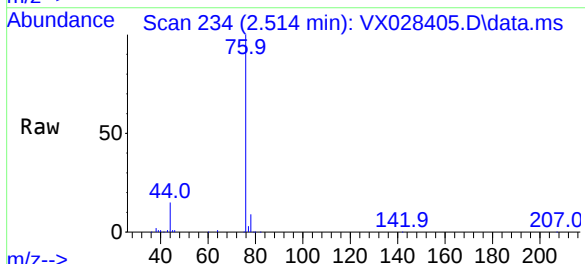
Tgt Ion: 58 Resp: 5474
Ion Ratio Lower Upper
58 100
43 310.1 250.2 375.2

Manual Integrations
APPROVED

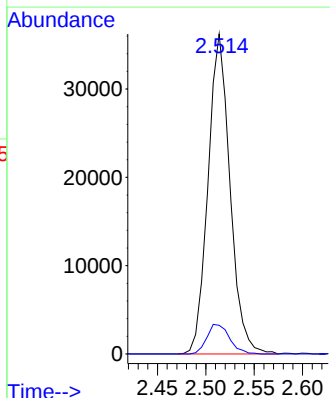
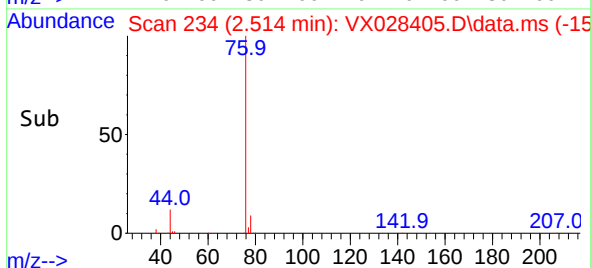
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

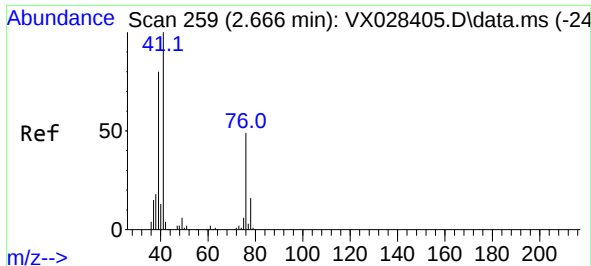


#16
Carbon Disulfide
Concen: 6.268 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



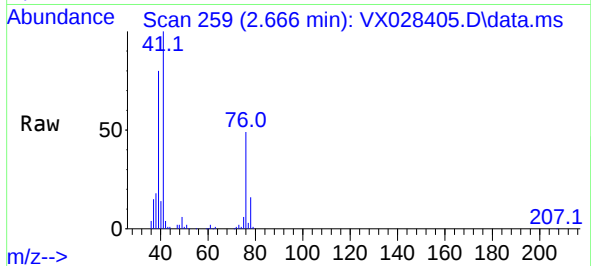
Tgt Ion: 76 Resp: 57367
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7





#17
 Allyl chloride
 Concen: 12.524 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX028405.D
 Acq: 28 Apr 2022 17:34

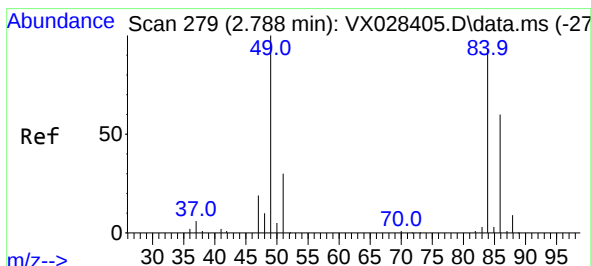
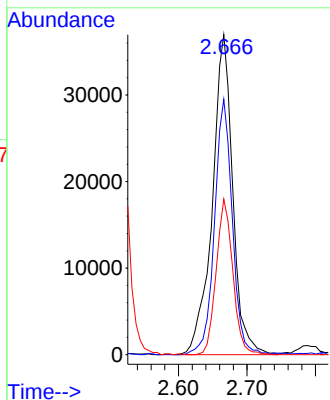
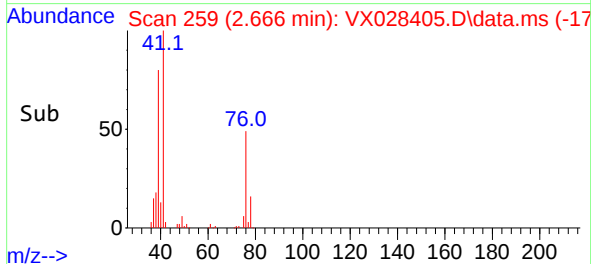
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



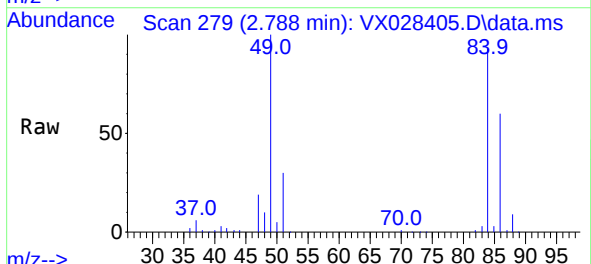
Tgt Ion: 41 Resp: 76610
 Ion Ratio Lower Upper
 41 100
 39 79.8 35.4 106.1
 76 48.6 18.4 55.4

Manual Integrations
 APPROVED

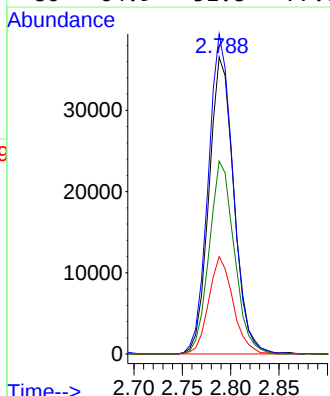
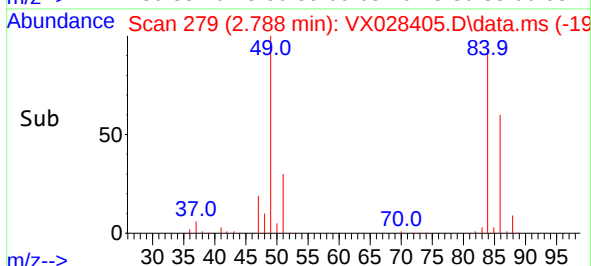
Reviewed By :John Carlone 04/29/2022
 Supervised By :Mahesh Dadoda 04/29/2022

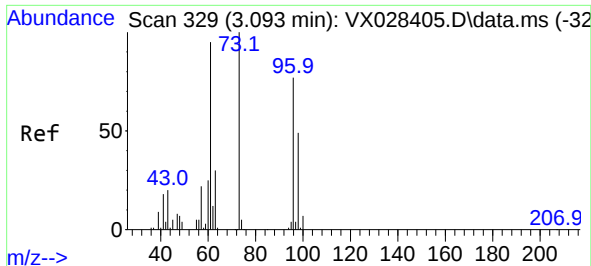


#18
 Methylene Chloride
 Concen: 15.310 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX028405.D
 Acq: 28 Apr 2022 17:34



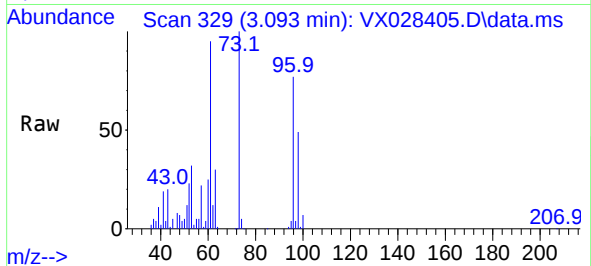
Tgt Ion: 84 Resp: 65693
 Ion Ratio Lower Upper
 84 100
 49 107.8 94.2 141.2
 51 32.8 29.2 43.8
 86 64.9 51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 14.036 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

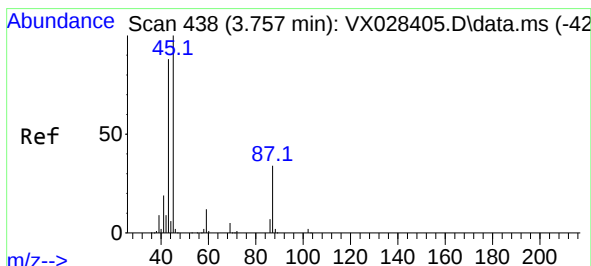
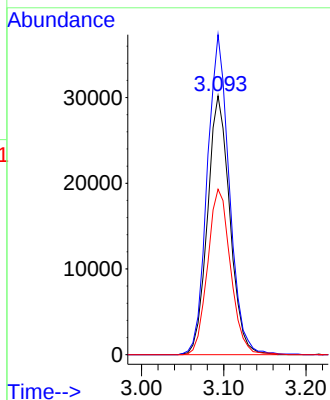
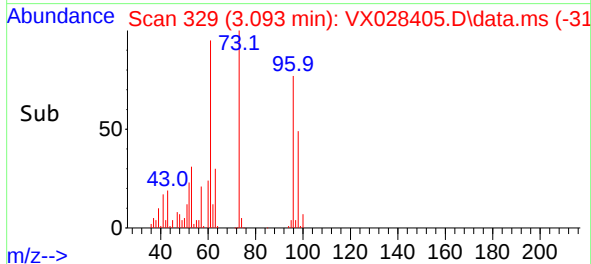
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



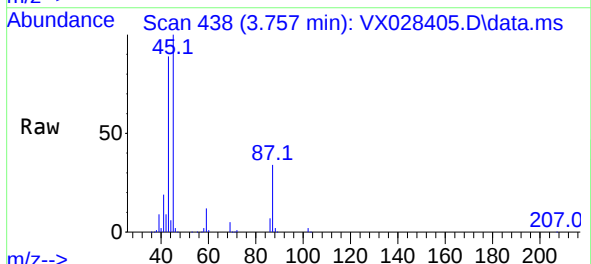
Tgt Ion: 96 Resp: 56958
Ion Ratio Lower Upper
96 100
61 123.6 108.7 163.1
98 63.9 49.2 73.8

Manual Integrations
APPROVED

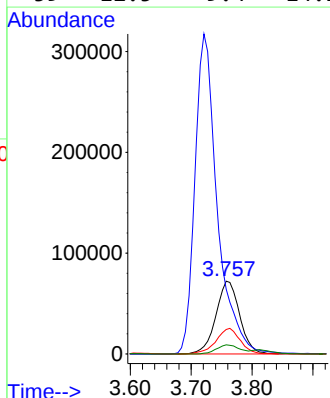
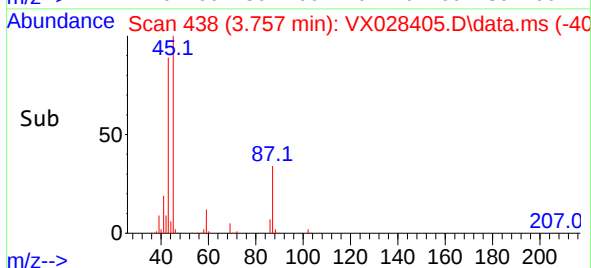
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

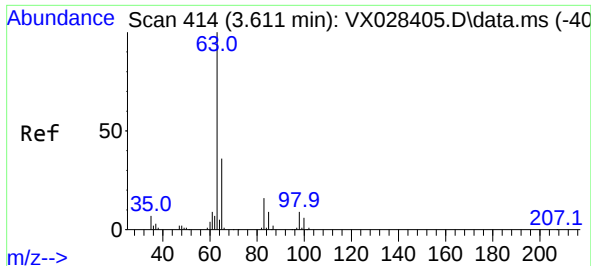


#20
Diisopropyl ether
Concen: 15.977 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



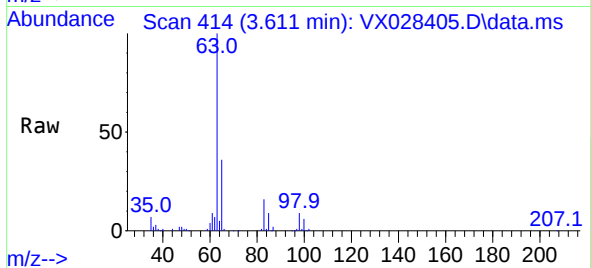
Tgt Ion: 45 Resp: 195300
Ion Ratio Lower Upper
45 100
43 87.5 70.3 105.5
87 33.8 24.5 36.7
59 12.5 9.4 14.2





#21
1,1-Dichloroethane
Concen: 15.978 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

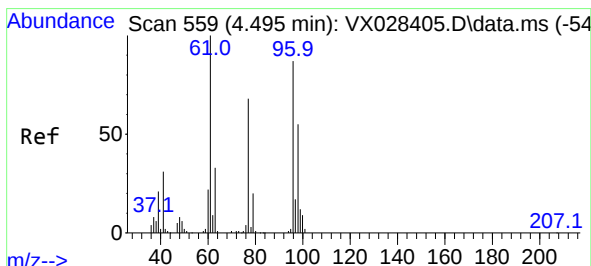
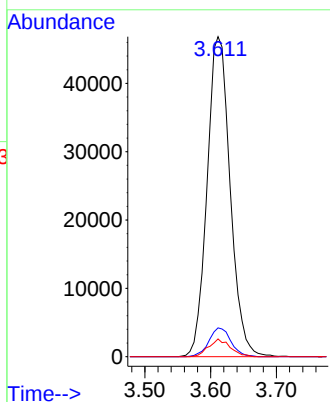
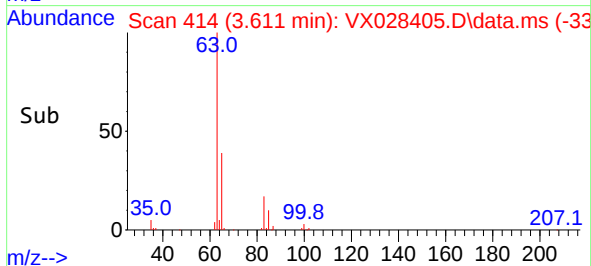
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



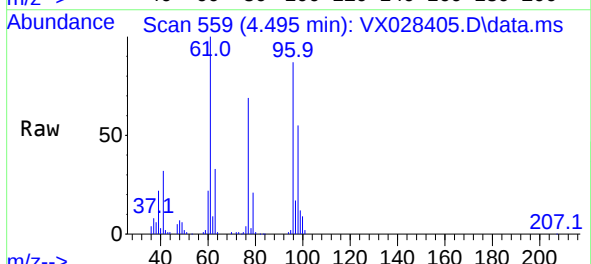
Tgt Ion: 63 Resp: 11434
Ion Ratio Lower Upper
63 100
98 9.0 3.8 11.2
100 5.6 2.5 7.5

Manual Integrations
APPROVED

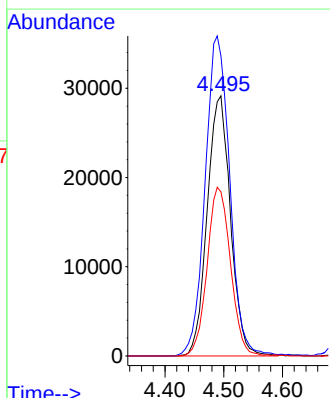
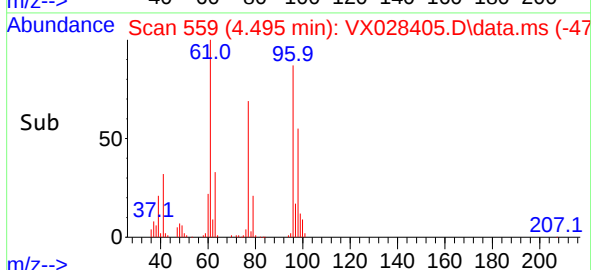
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

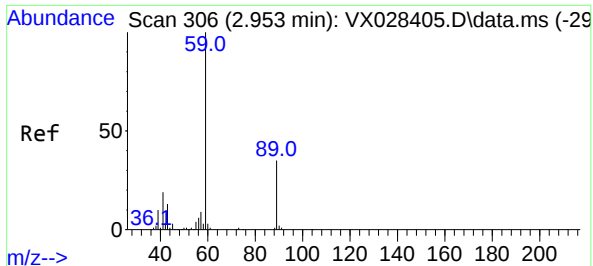


#22
cis-1,2-Dichloroethene
Concen: 16.761 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



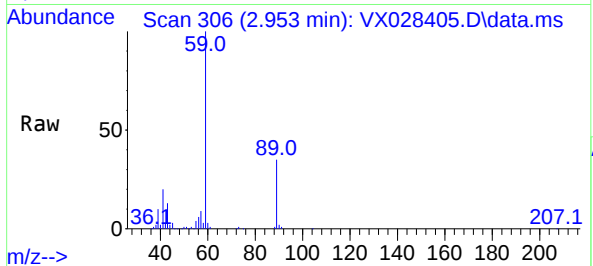
Tgt Ion: 96 Resp: 80511
Ion Ratio Lower Upper
96 100
61 129.0 107.4 161.2
98 64.8 51.1 76.7





#23
tert-Butyl Alcohol
Concen: 107.515 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

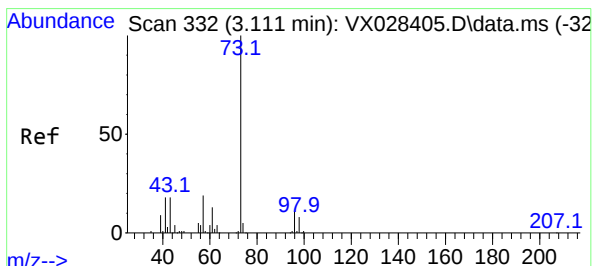
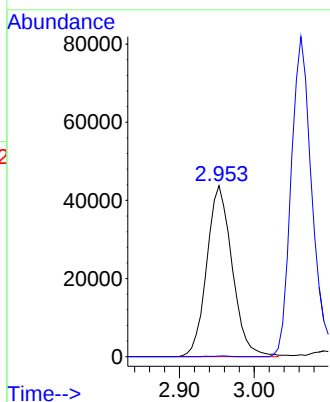
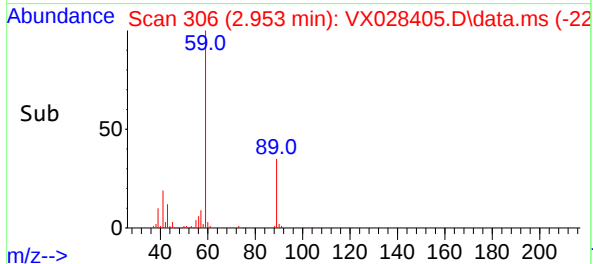
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



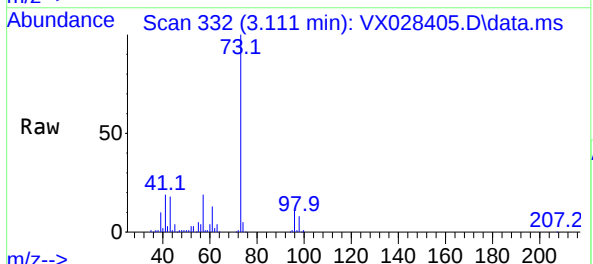
Tgt Ion: 59 Resp: 103494
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

Manual Integrations
APPROVED

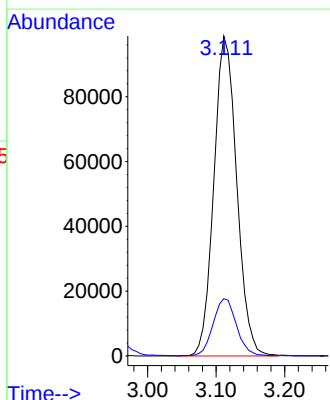
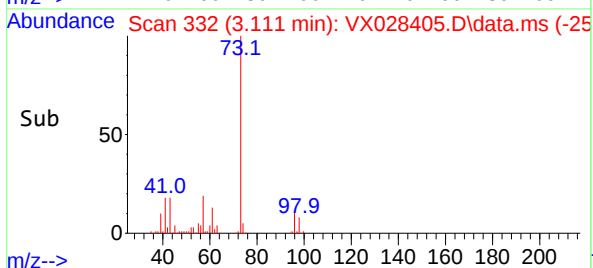
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

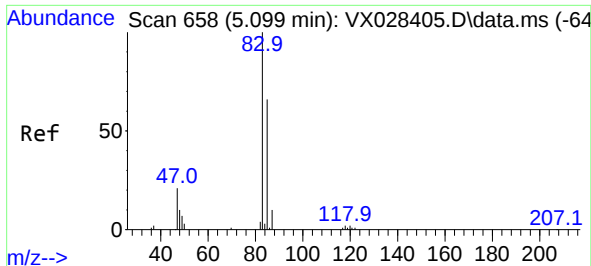


#24
Methyl tert-Butyl Ether
Concen: 17.620 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



Tgt Ion: 73 Resp: 228530
Ion Ratio Lower Upper
73 100
43 18.4 16.0 24.0





#25

Chloroform

Concen: 17.361 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX028405.D

Acq: 28 Apr 2022 17:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 83 Resp: 134590

Ion Ratio Lower Upper

83 100

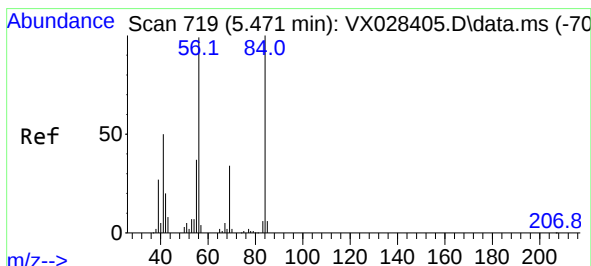
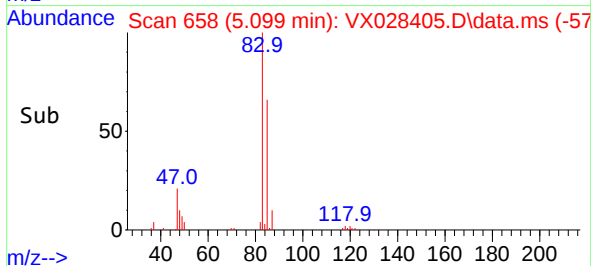
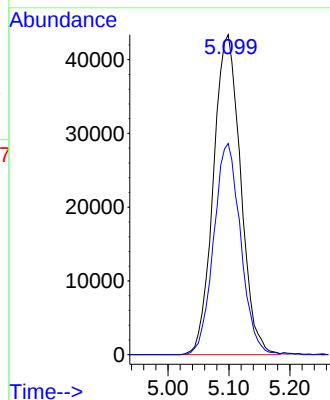
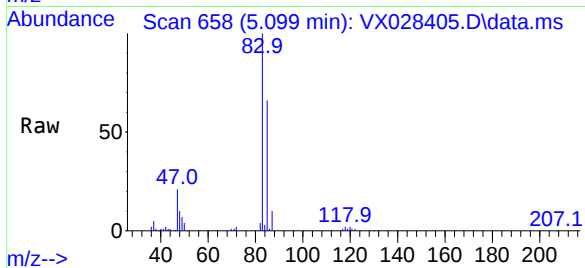
85 66.0 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#26

Cyclohexane

Concen: 11.862 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX028405.D

Acq: 28 Apr 2022 17:34

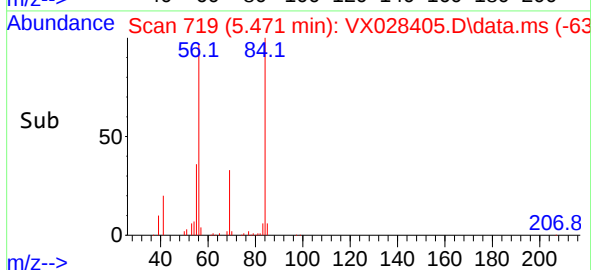
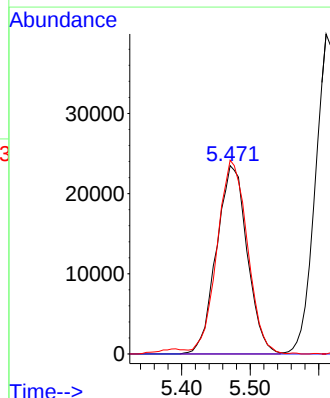
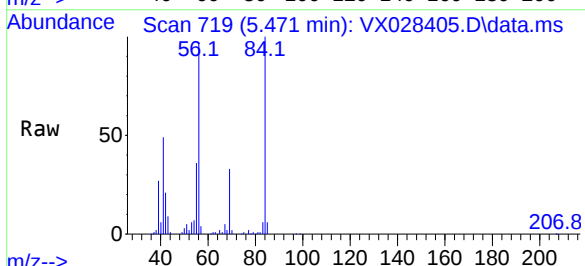
Tgt Ion: 56 Resp: 73085

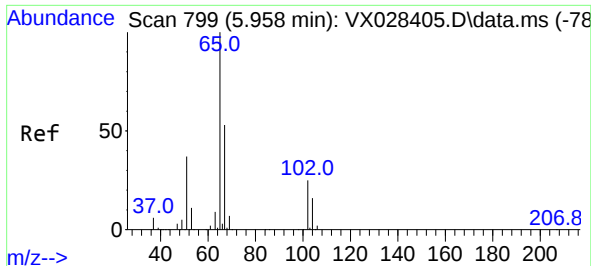
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

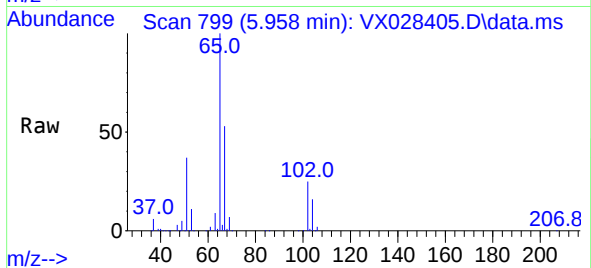
84 101.2 76.2 114.2





#27
1,2-Dichloroethane-d4
Concen: 28.110 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

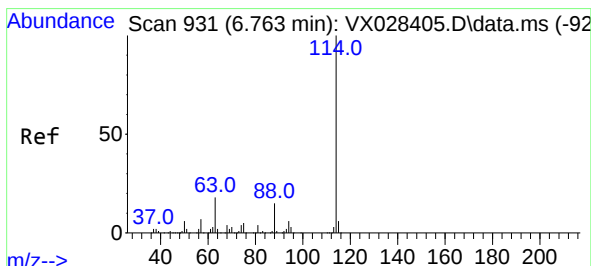
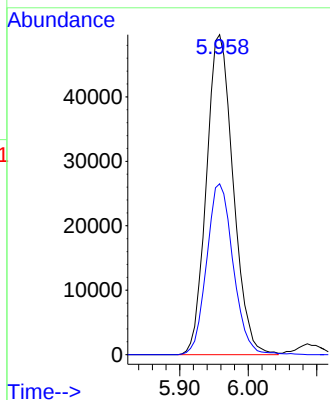
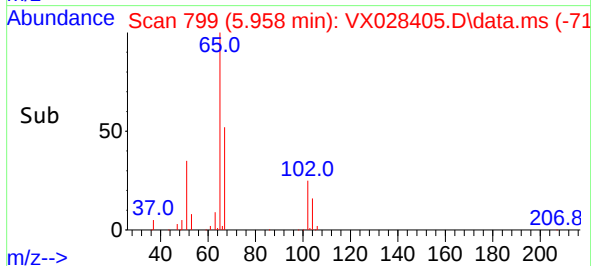
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



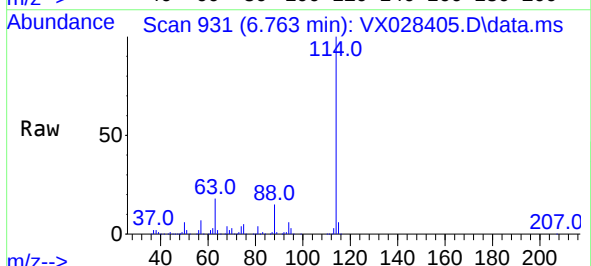
Tgt Ion: 65 Resp: 135090
Ion Ratio Lower Upper
65 100
67 52.8 42.3 63.5

Manual Integrations
APPROVED

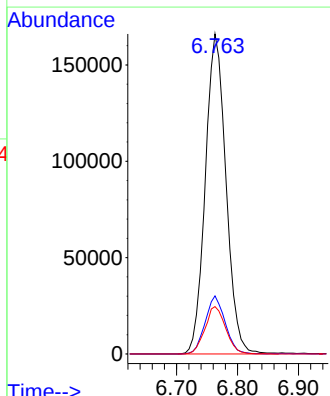
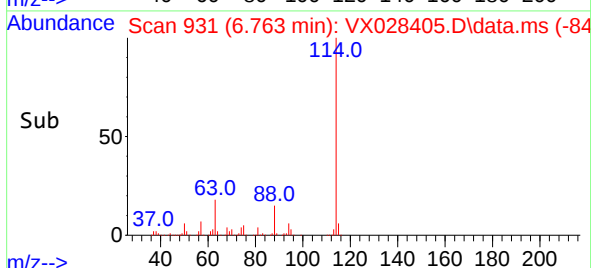
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

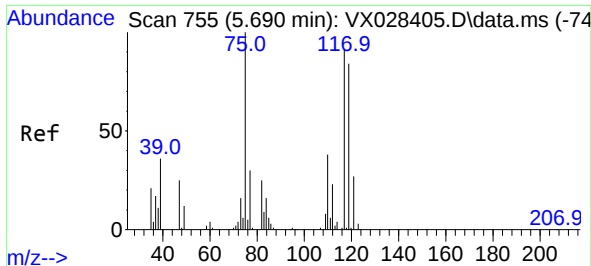


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



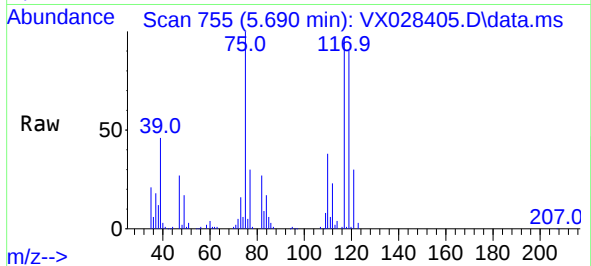
Tgt Ion:114 Resp: 391967
Ion Ratio Lower Upper
114 100
63 17.5 15.3 22.9
88 14.8 12.2 18.4





#29
1,1-Dichloropropene
Concen: 14.601 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

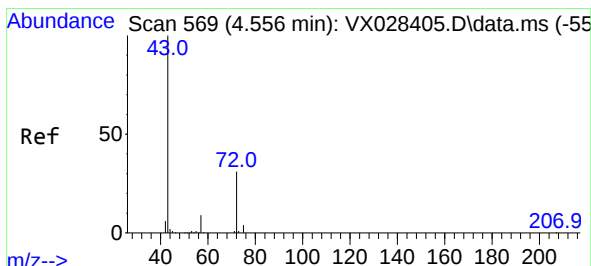
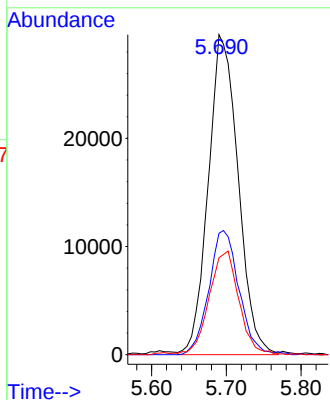
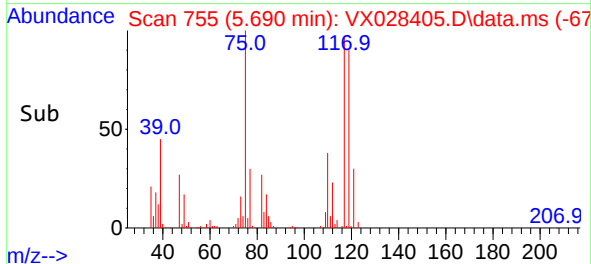
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



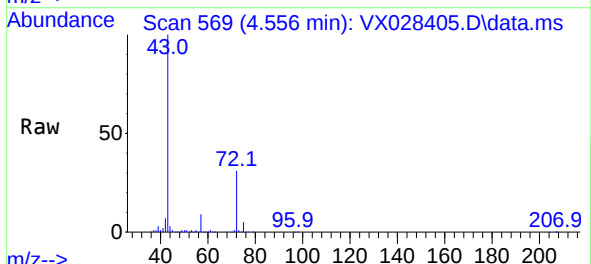
Tgt Ion: 75 Resp: 8218
Ion Ratio Lower Upper
75 100
110 39.0 0.0 73.6
77 32.1 0.0 62.2

Manual Integrations
APPROVED

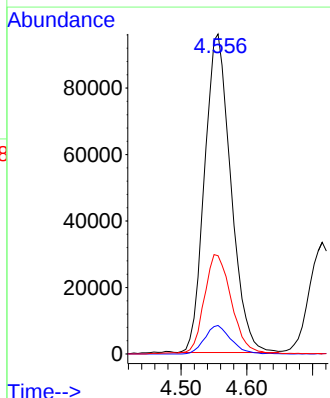
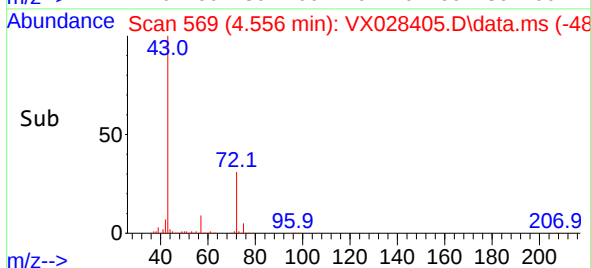
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

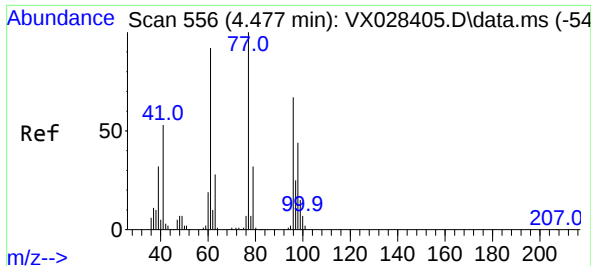


#30
2-Butanone
Concen: 82.596 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



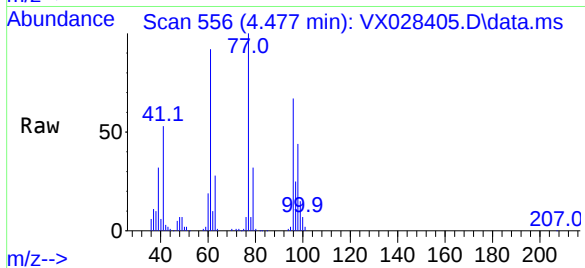
Tgt Ion: 43 Resp: 266612
Ion Ratio Lower Upper
43 100
57 8.8 6.6 10.0
72 32.1 22.1 33.1





#31
2,2-Dichloropropane
Concen: 16.729 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

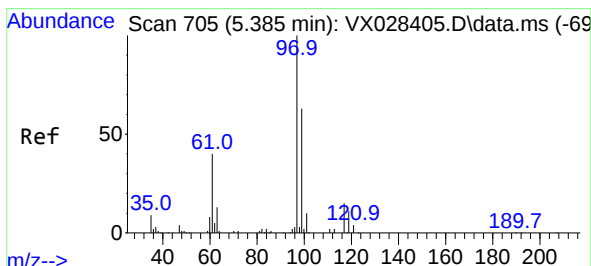
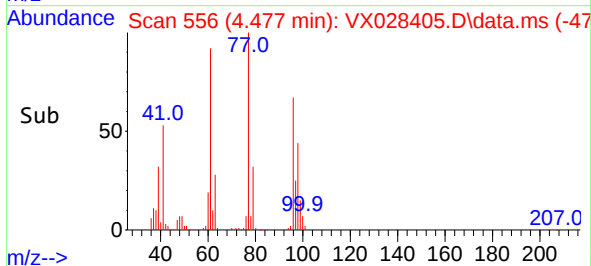
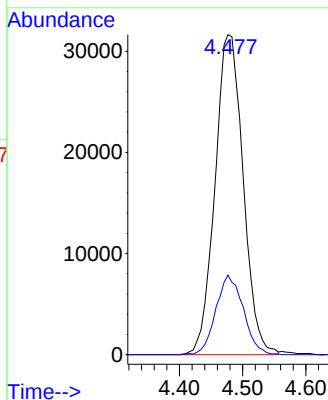
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 77 Resp: 9770
Ion Ratio Lower Upper
77 100
97 23.8 18.4 27.6

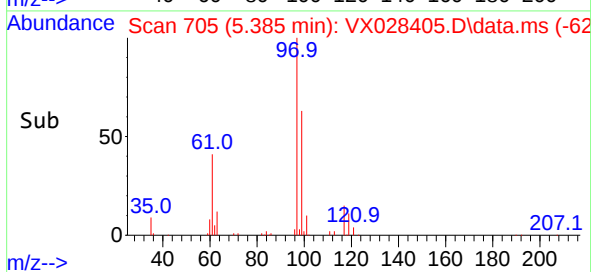
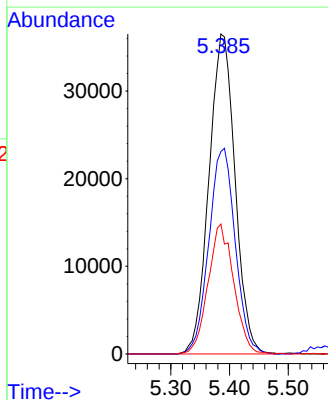
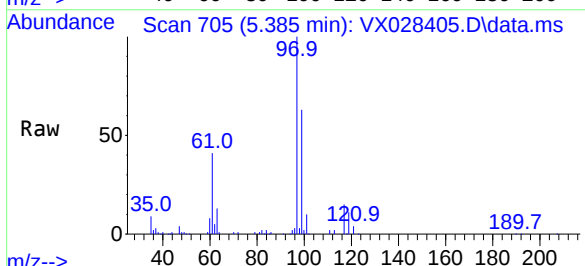
Manual Integrations
APPROVED

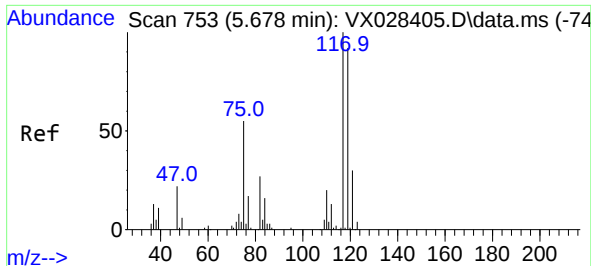
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#32
1,1,1-Trichloroethane
Concen: 16.154 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

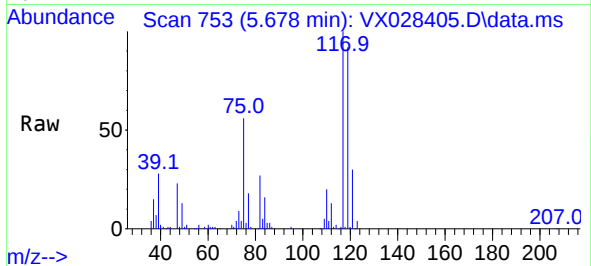
Tgt Ion: 97 Resp: 112626
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.8
61 40.0 33.4 50.0





#33
Carbon Tetrachloride
Concen: 15.203 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

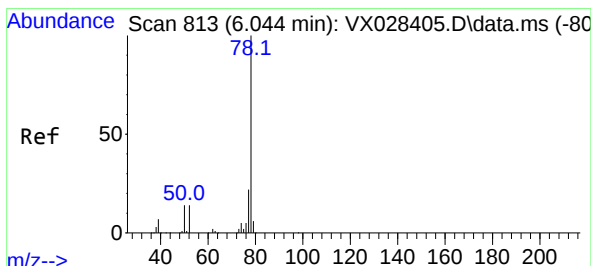
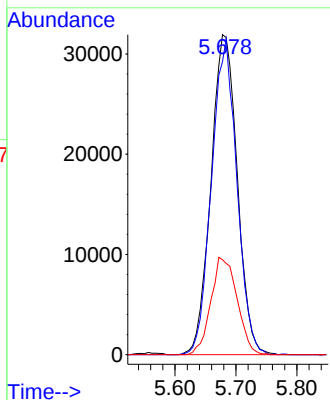
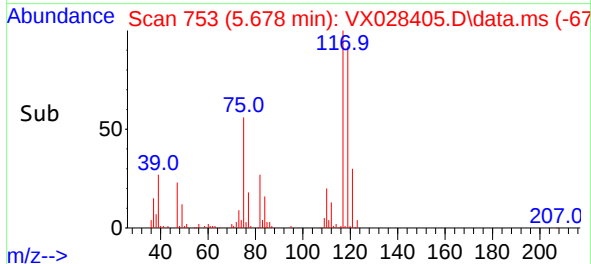
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



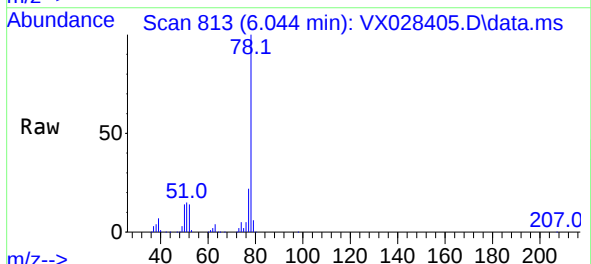
Tgt Ion:117 Resp: 95814
Ion Ratio Lower Upper
117 100
119 91.6 75.3 112.9
121 29.6 24.1 36.1

Manual Integrations
APPROVED

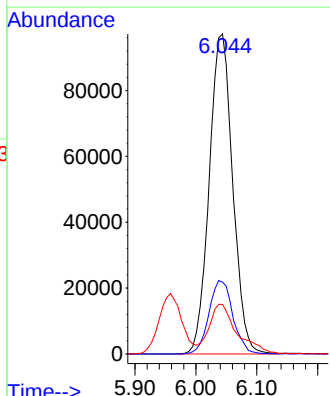
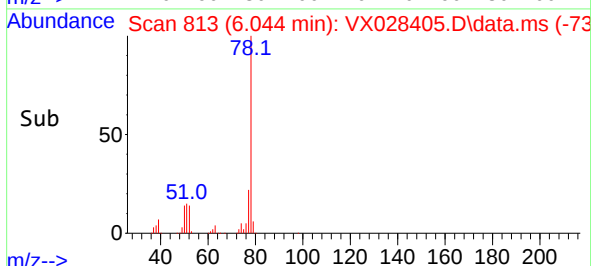
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

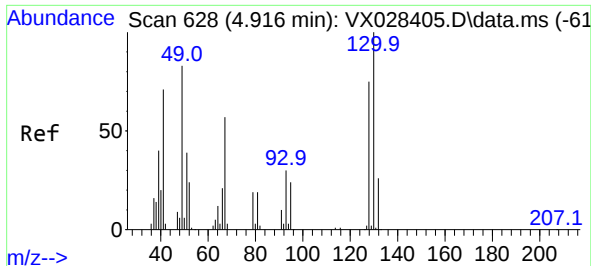


#34
Benzene
Concen: 15.688 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



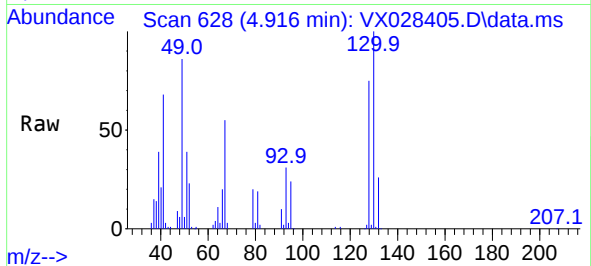
Tgt Ion: 78 Resp: 260259
Ion Ratio Lower Upper
78 100
77 22.4 18.5 27.7
51 15.3 12.9 19.3





#35
Methacrylonitrile
Concen: 16.031 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

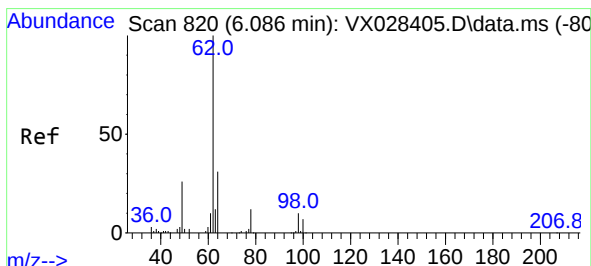
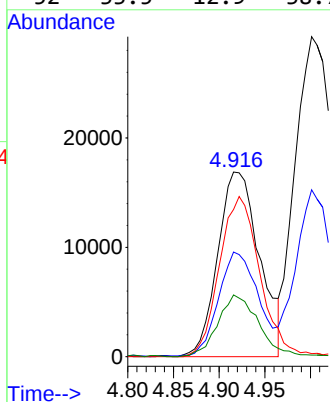
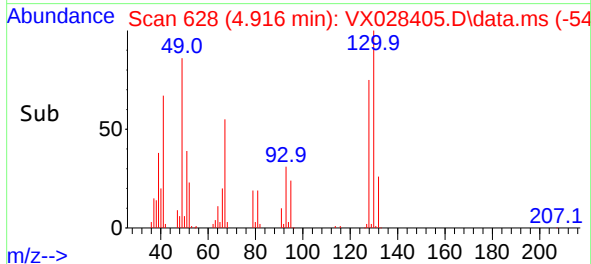
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



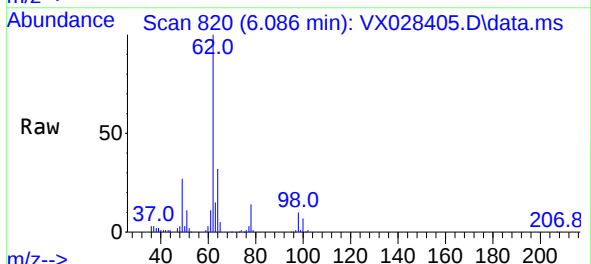
Tgt Ion: 41 Resp: 5383
Ion Ratio Lower Upper
41 100
39 56.2 27.0 81.0
67 79.7 33.3 99.8
52 33.5 12.9 38.7

Manual Integrations
APPROVED

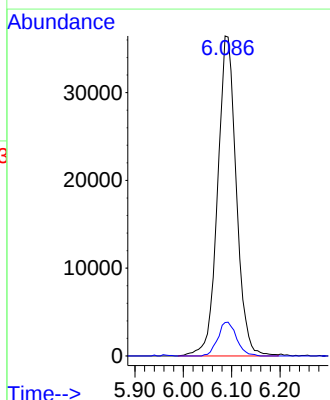
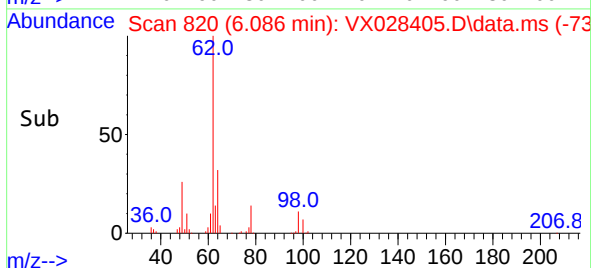
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

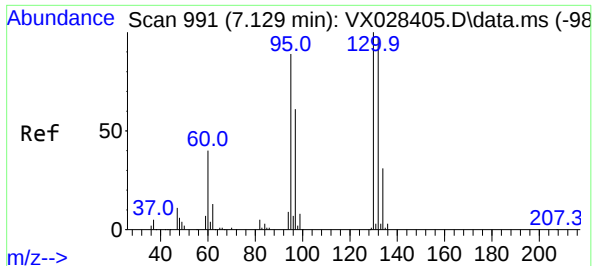


#36
1,2-Dichloroethane
Concen: 16.104 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



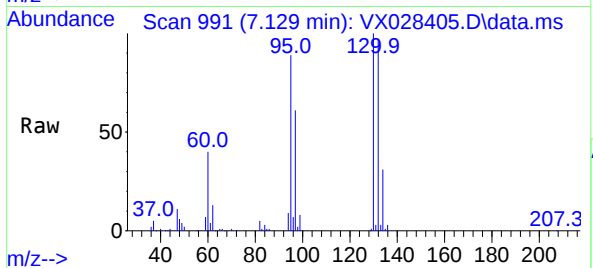
Tgt Ion: 62 Resp: 97757
Ion Ratio Lower Upper
62 100
98 10.6 7.4 11.0





#37
Trichloroethene
Concen: 15.485 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

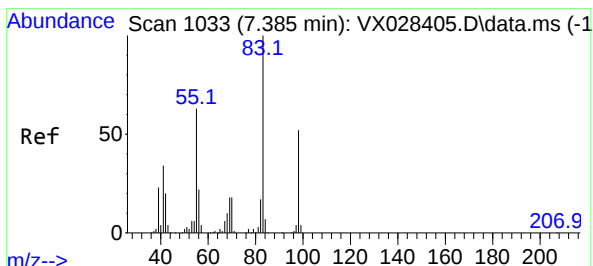
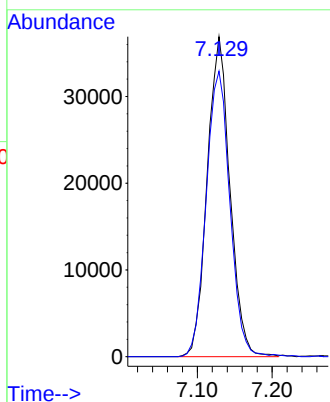
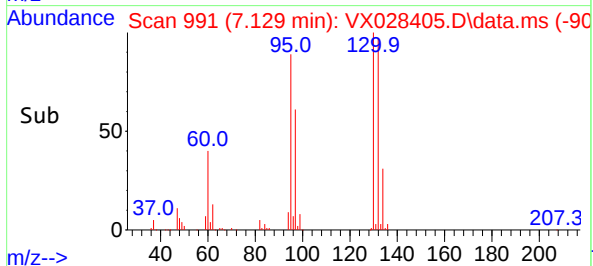
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



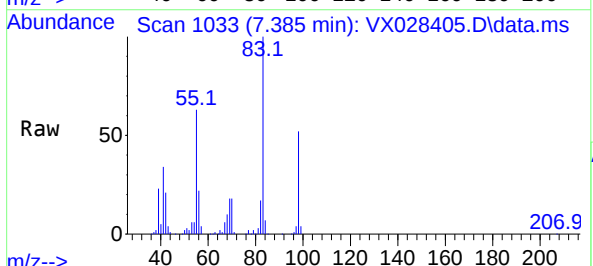
Tgt Ion:130 Resp: 7811
Ion Ratio Lower Upper
130 100
95 89.2 76.5 114.7

Manual Integrations
APPROVED

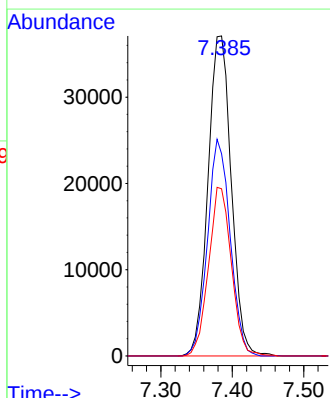
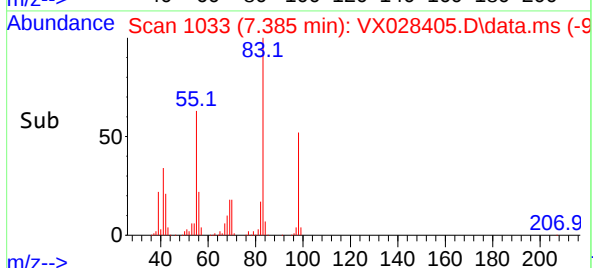
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

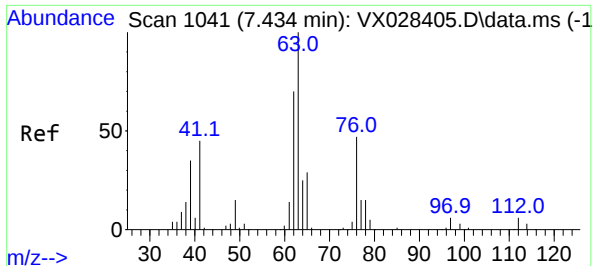


#38
Methylcyclohexane
Concen: 12.336 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



Tgt Ion: 83 Resp: 83936
Ion Ratio Lower Upper
83 100
55 65.8 37.0 110.9
98 51.6 25.9 77.8





#39

1,2-Dichloropropane

Concen: 16.581 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX028405.D

Acq: 28 Apr 2022 17:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 6848

Ion Ratio Lower Upper

63 100

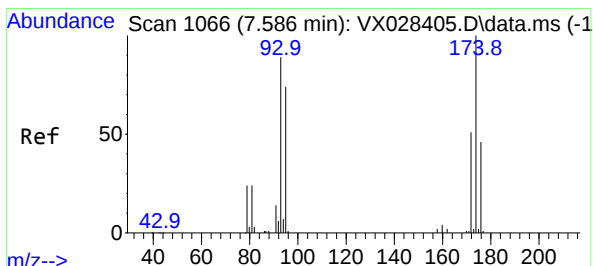
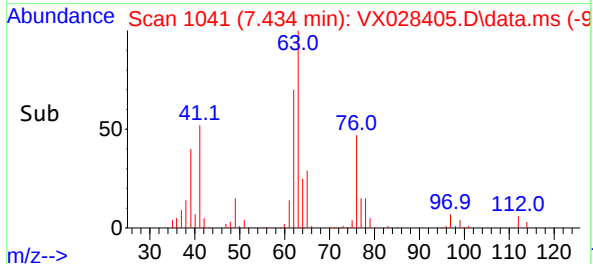
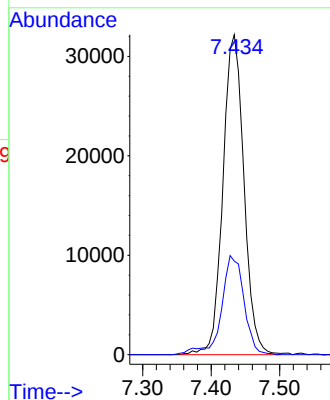
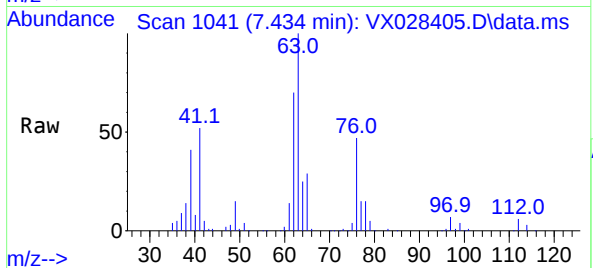
65 29.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#40

Dibromomethane

Concen: 17.016 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX028405.D

Acq: 28 Apr 2022 17:34

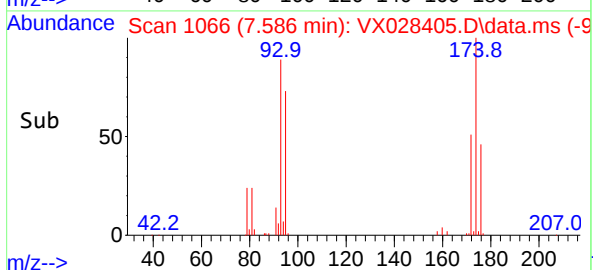
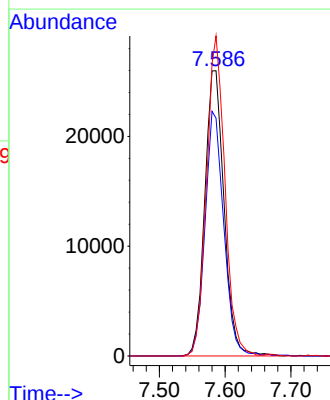
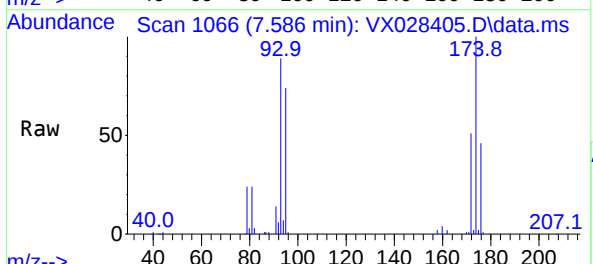
Tgt Ion: 93 Resp: 53005

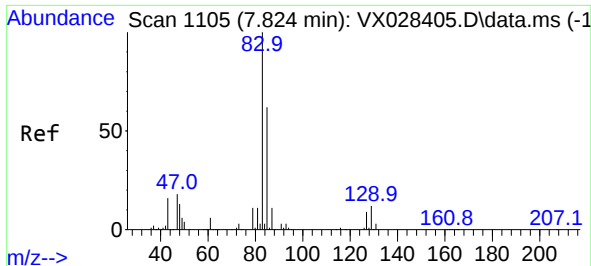
Ion Ratio Lower Upper

93 100

95 83.0 0.0 168.8

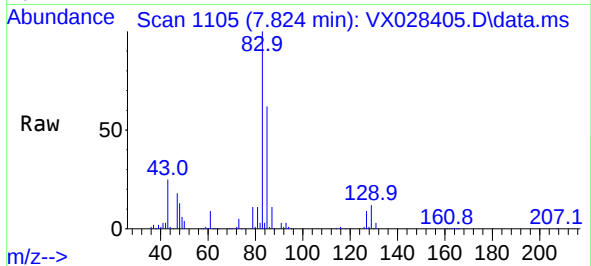
174 107.1 0.0 220.8





#41
Bromodichloromethane
Concen: 16.032 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

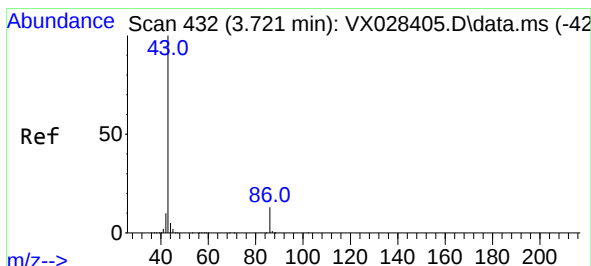
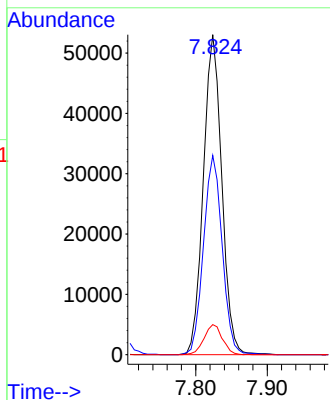
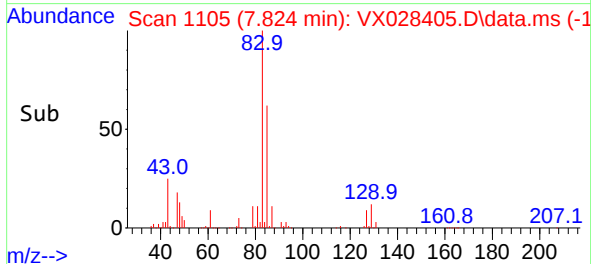
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 95124
Ion Ratio Lower Upper
83 100
85 62.3 50.6 75.8
127 9.4 7.0 10.6

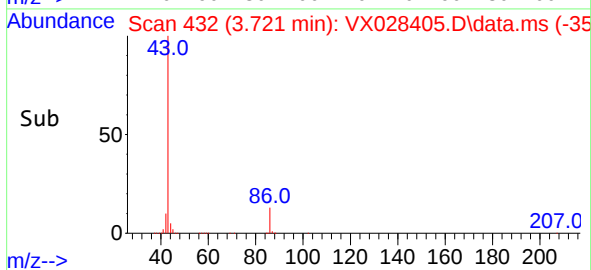
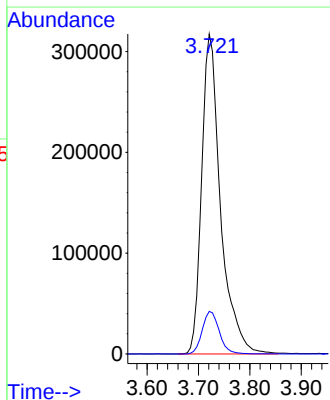
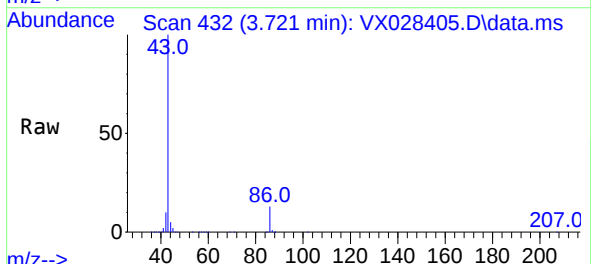
Manual Integrations
APPROVED

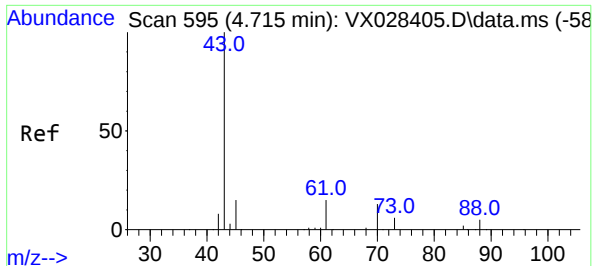
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#42
Vinyl Acetate
Concen: 75.858 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

Tgt Ion: 43 Resp: 810140
Ion Ratio Lower Upper
43 100
86 12.0 8.5 12.7





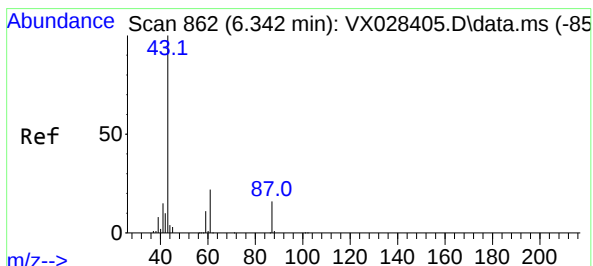
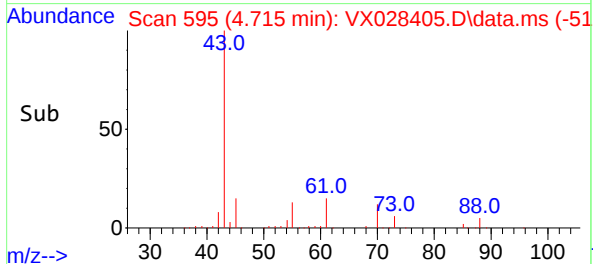
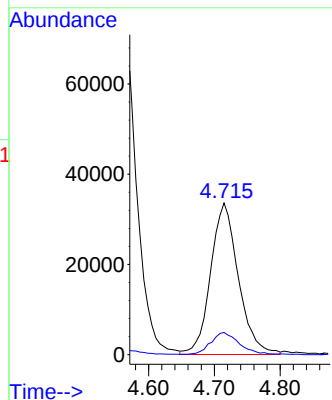
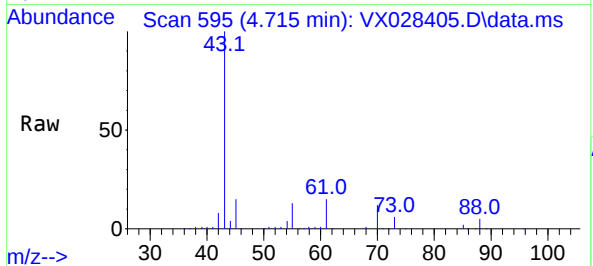
#43
Ethyl Acetate
Concen: 16.056 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 98630
Ion Ratio Lower Upper
43 100
45 14.7 11.8 17.6

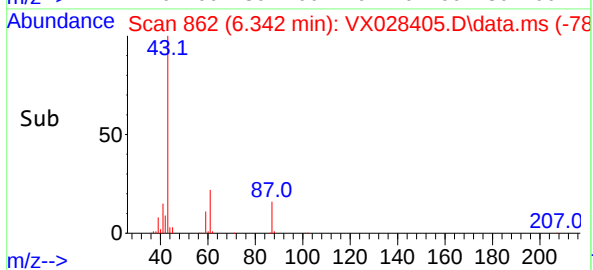
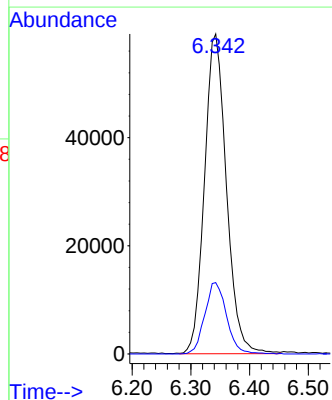
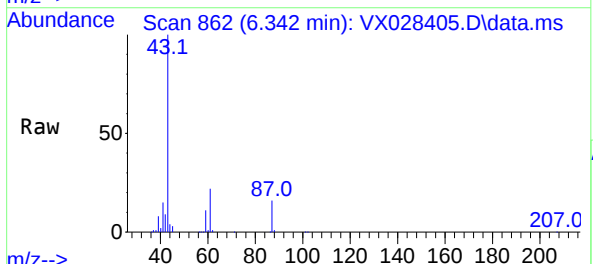
Manual Integrations
APPROVED

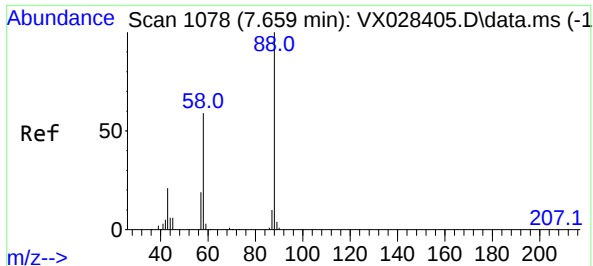
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#44
Isopropyl Acetate
Concen: 16.170 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

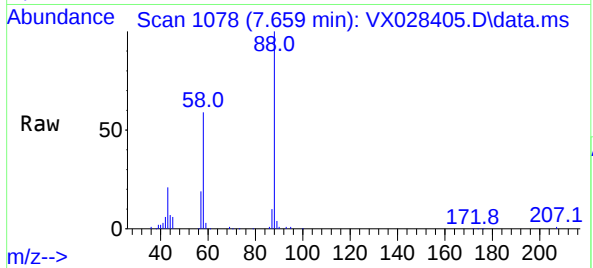
Tgt Ion: 43 Resp: 153471
Ion Ratio Lower Upper
43 100
61 22.2 17.0 25.4





#45
1,4-Dioxane
Concen: 378.807 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

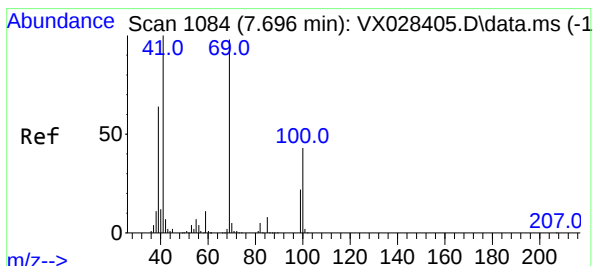
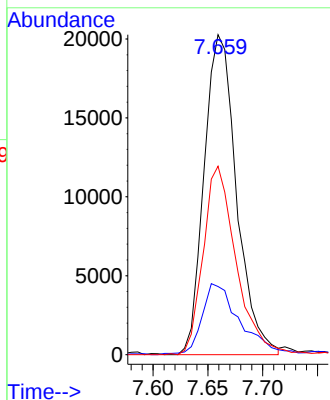
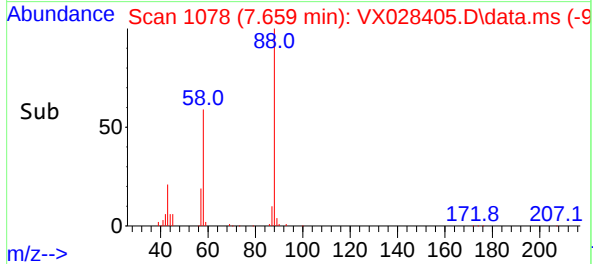
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 88 Resp: 4176
Ion Ratio Lower Upper
88 100
43 24.5 25.8 38.6
58 59.5 54.8 82.2

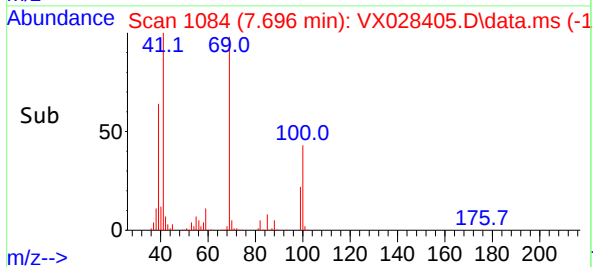
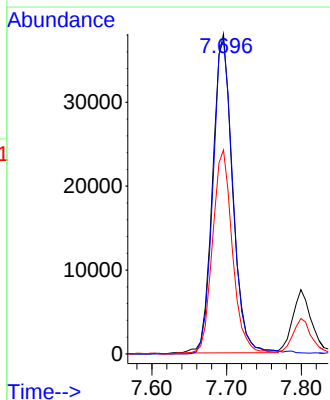
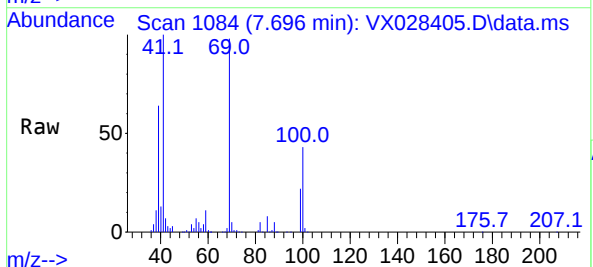
Manual Integrations
APPROVED

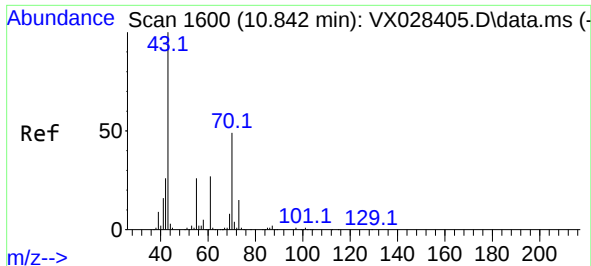
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#46
Methyl methacrylate
Concen: 15.160 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

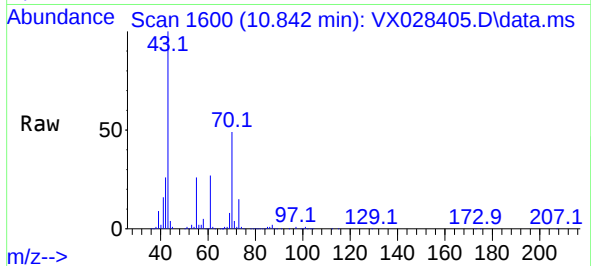
Tgt Ion: 41 Resp: 70321
Ion Ratio Lower Upper
41 100
69 98.5 41.9 125.8
39 63.6 27.5 82.5





#47
n-amyl acetate
Concen: 16.461 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

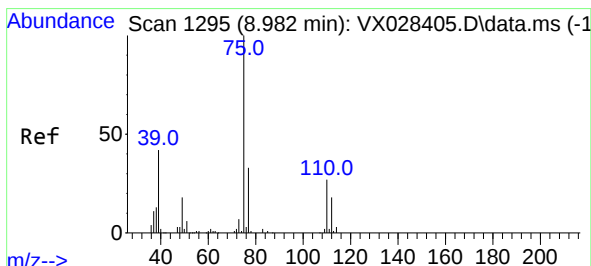
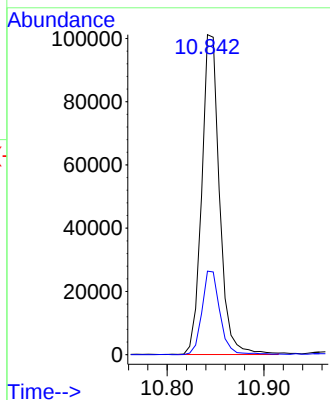
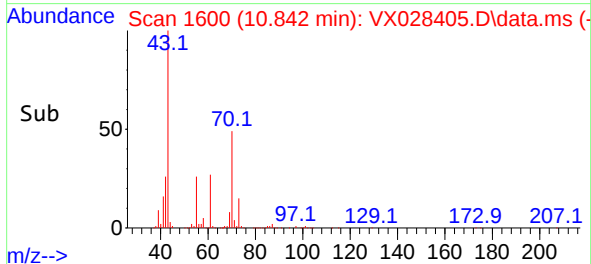
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 129815
Ion Ratio Lower Upper
43 100
55 26.4 20.4 30.6

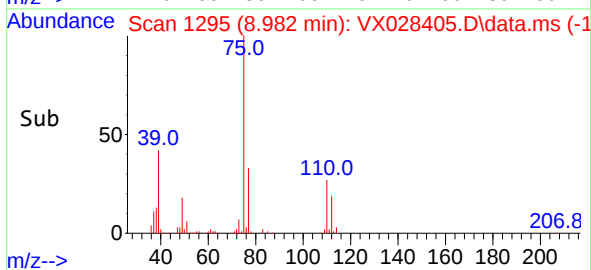
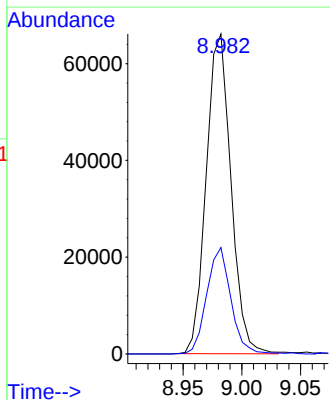
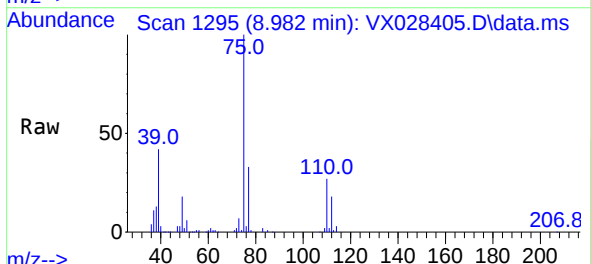
Manual Integrations
APPROVED

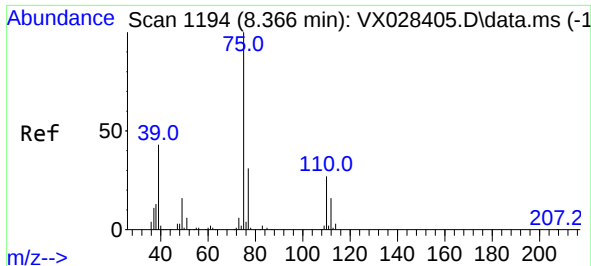
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#48
t-1,3-Dichloropropene
Concen: 15.713 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

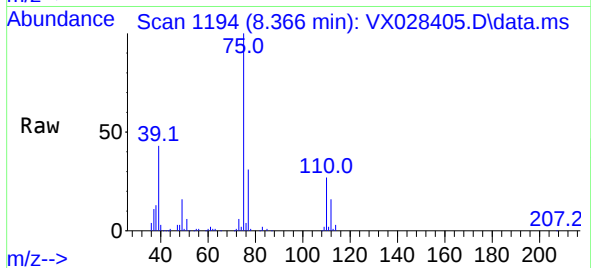
Tgt Ion: 75 Resp: 96873
Ion Ratio Lower Upper
75 100
77 33.2 26.6 40.0





#49
cis-1,3-Dichloropropene
Concen: 16.153 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

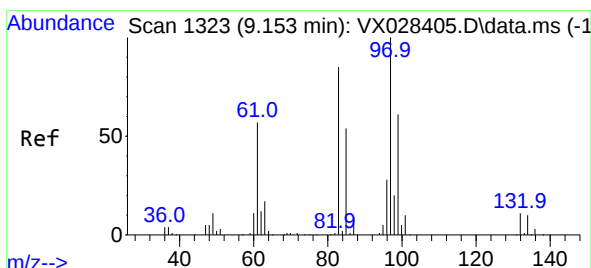
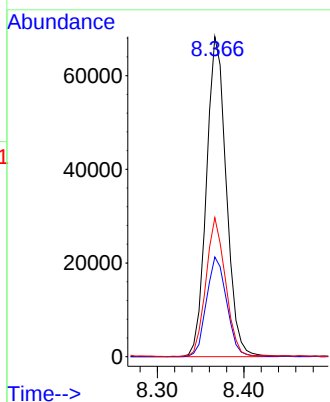
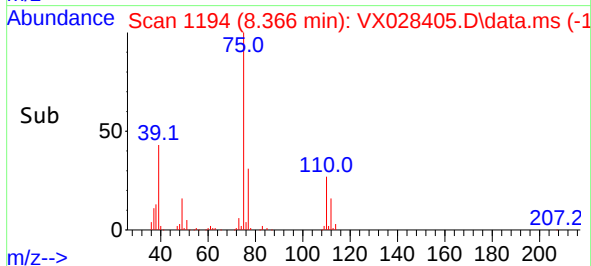
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 108878
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8
39 43.3 37.4 56.0

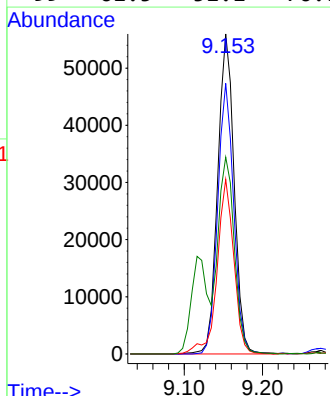
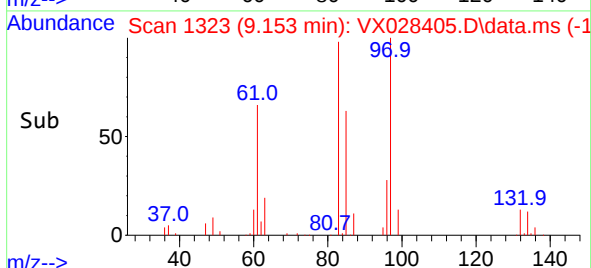
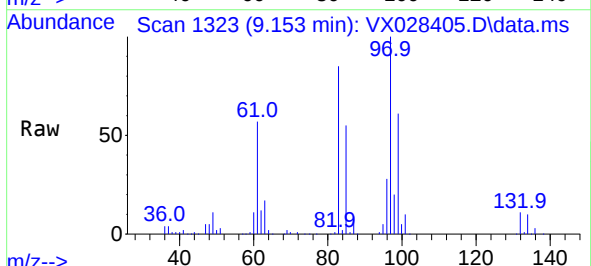
Manual Integrations
APPROVED

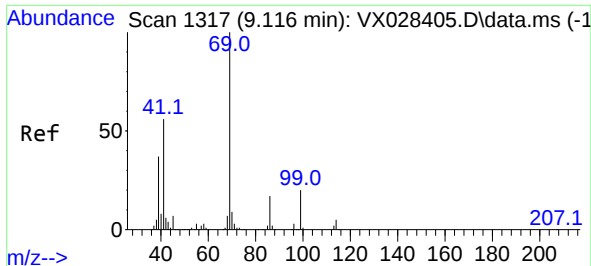
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#50
1,1,2-Trichloroethane
Concen: 18.189 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

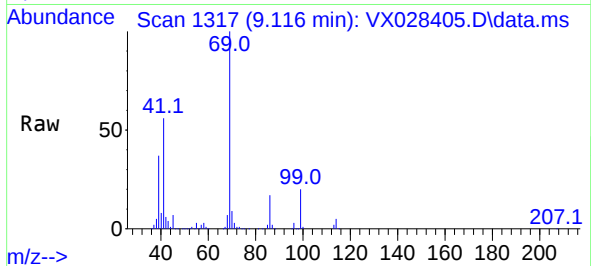
Tgt Ion: 97 Resp: 81714
Ion Ratio Lower Upper
97 100
83 84.6 66.2 99.4
85 54.4 40.4 60.6
99 61.5 51.1 76.7





#51
Ethyl methacrylate
Concen: 16.757 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

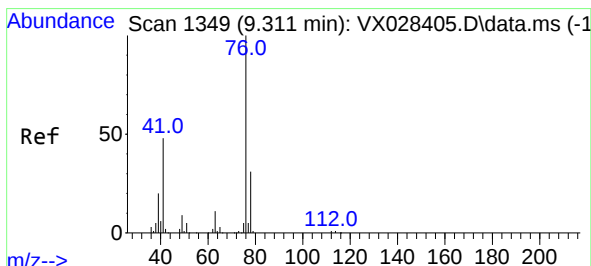
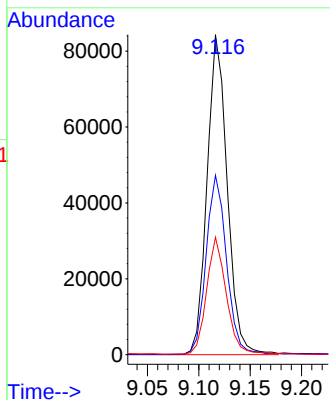
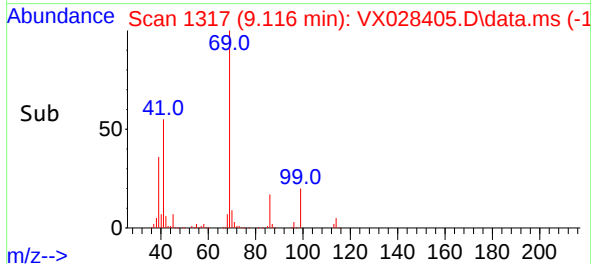
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



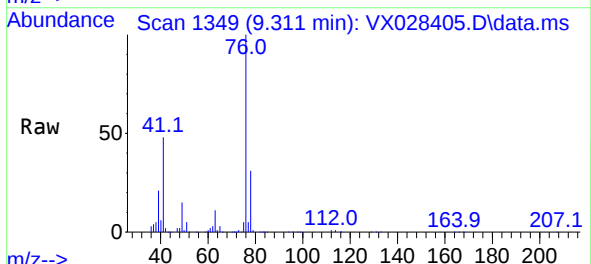
Tgt Ion: 69 Resp: 115325
Ion Ratio Lower Upper
69 100
41 55.9 32.1 96.5
39 36.5 18.3 54.9

Manual Integrations
APPROVED

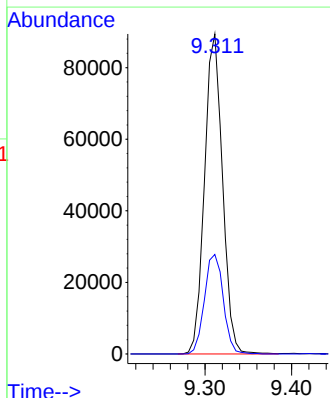
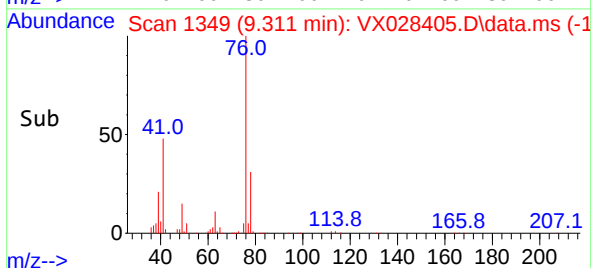
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

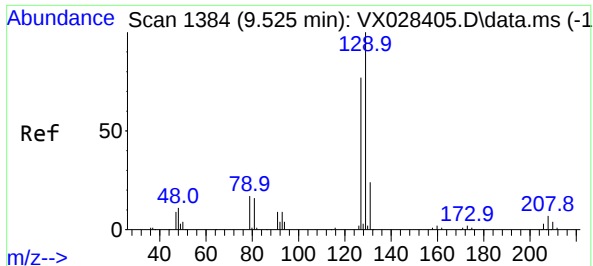


#52
1,3-Dichloropropane
Concen: 17.372 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



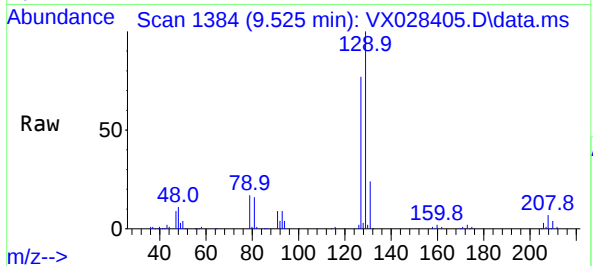
Tgt Ion: 76 Resp: 128986
Ion Ratio Lower Upper
76 100
78 32.5 0.0 64.4





#53
Dibromochloromethane
Concen: 16.231 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

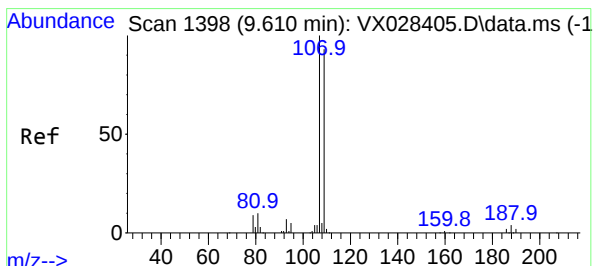
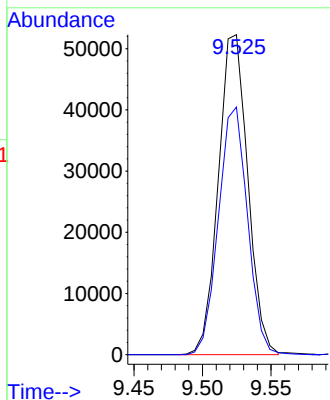
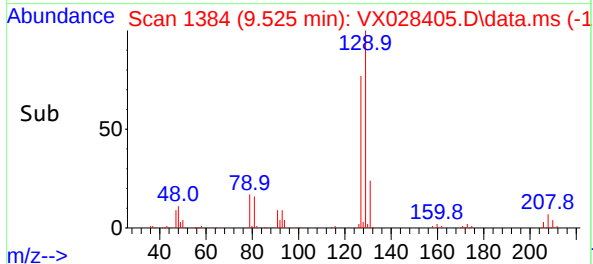
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



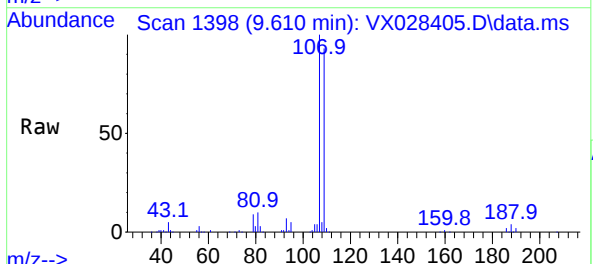
Tgt Ion:129 Resp: 7823
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.1

Manual Integrations
APPROVED

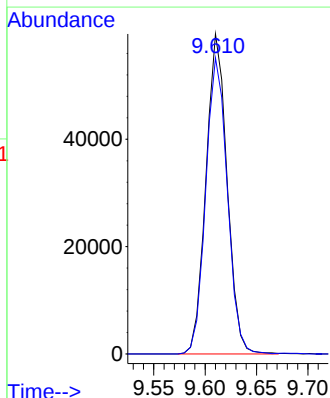
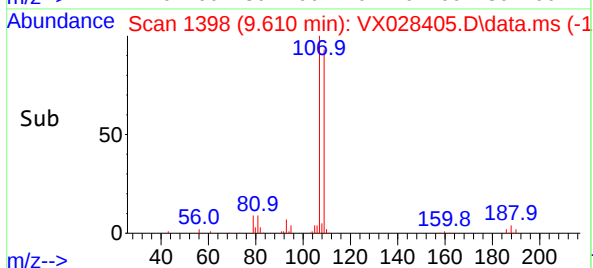
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

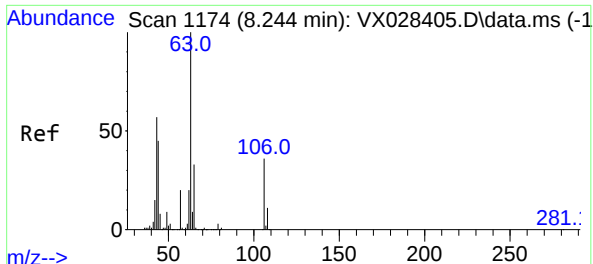


#54
1,2-Dibromoethane
Concen: 17.607 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



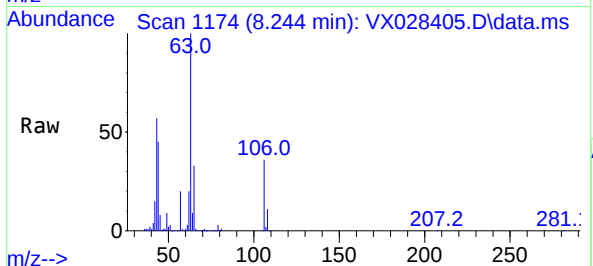
Tgt Ion:107 Resp: 85476
Ion Ratio Lower Upper
107 100
109 94.4 76.2 114.4





#55
2-Chloroethyl vinyl ether
Concen: 90.157 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

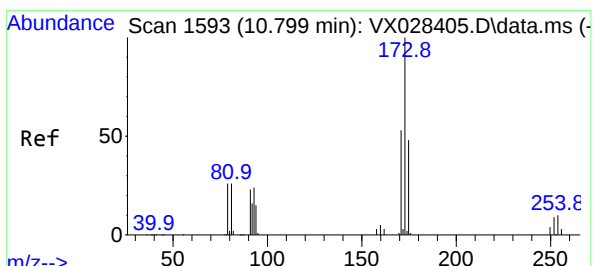
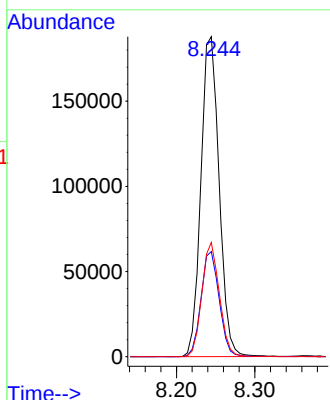
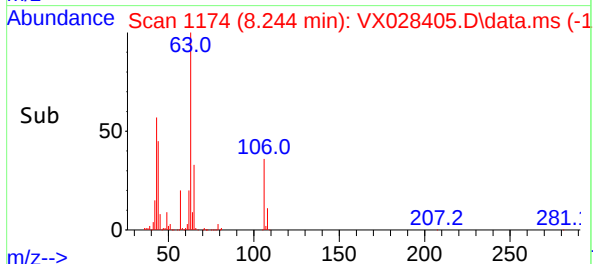
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 303699
Ion Ratio Lower Upper
63 100
65 32.7 25.9 38.9
106 34.3 25.8 38.6

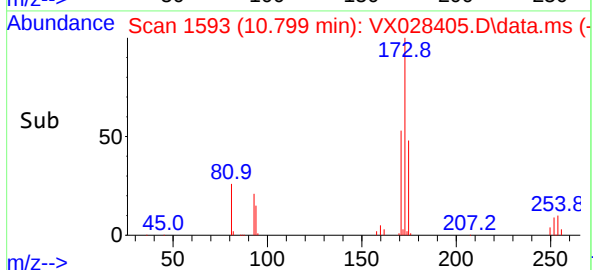
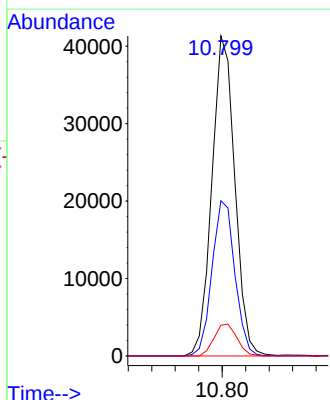
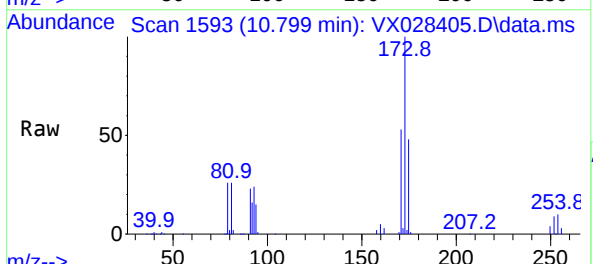
Manual Integrations
APPROVED

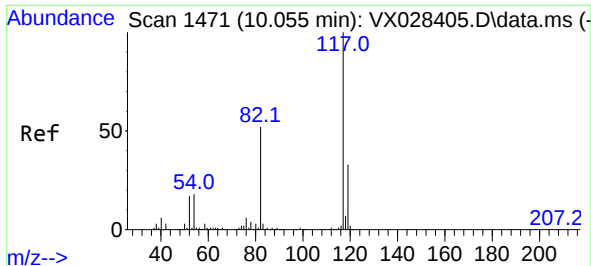
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#56
Bromoform
Concen: 15.785 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

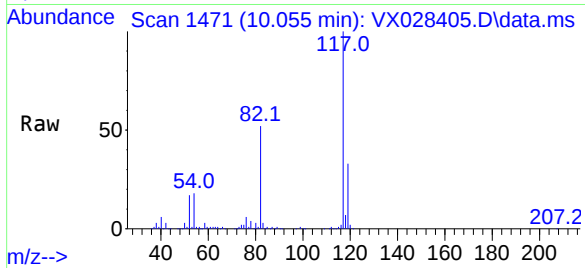
Tgt Ion:173 Resp: 56117
Ion Ratio Lower Upper
173 100
175 48.3 40.3 60.5
254 9.9 7.4 11.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

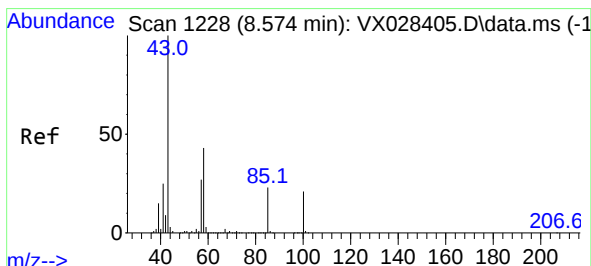
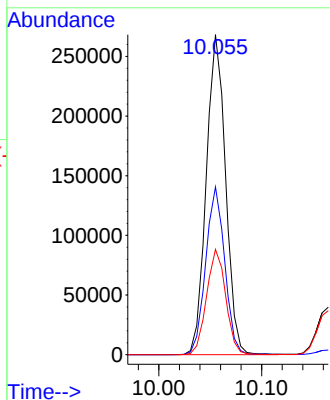
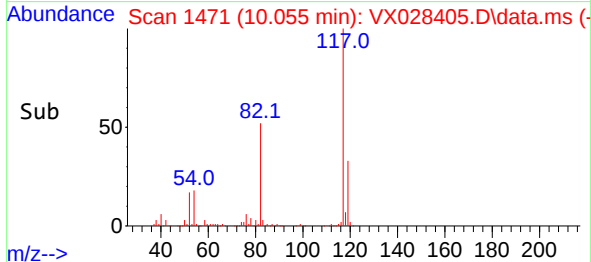
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



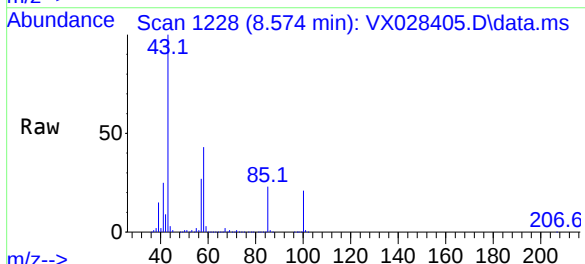
Tgt Ion: 117 Resp: 350918
Ion Ratio Lower Upper
117 100
82 51.5 42.3 63.5
119 32.7 26.2 39.2

Manual Integrations
APPROVED

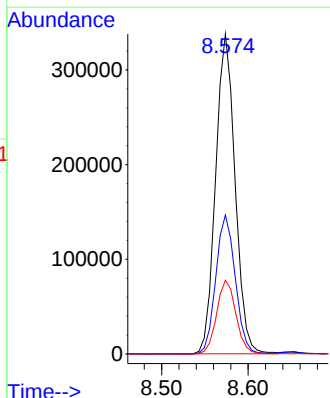
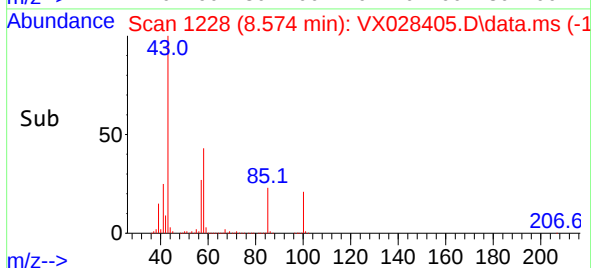
Reviewed By : John Carlone 04/29/2022
Supervised By : Mahesh Dadoda 04/29/2022

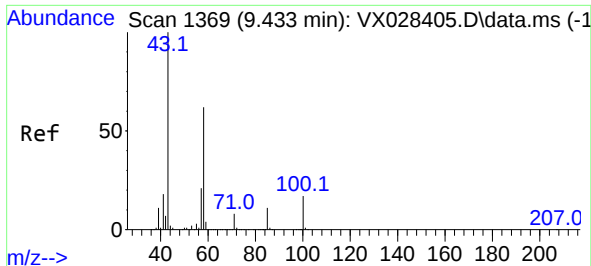


#58
4-Methyl-2-Pentanone
Concen: 86.650 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



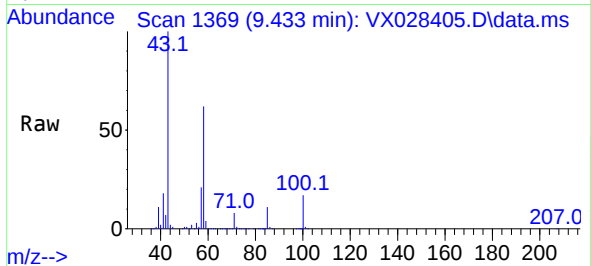
Tgt Ion: 43 Resp: 527898
Ion Ratio Lower Upper
43 100
58 43.4 31.8 47.6
85 22.8 15.8 23.6





#59
2-Hexanone
Concen: 87.674 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

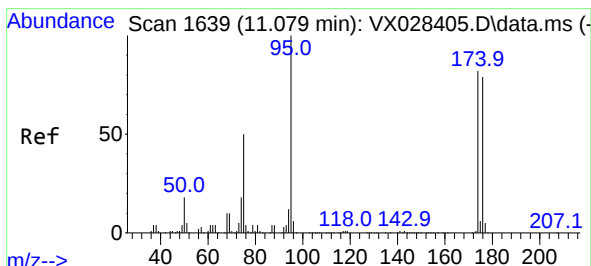
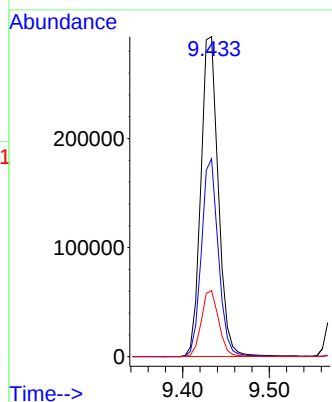
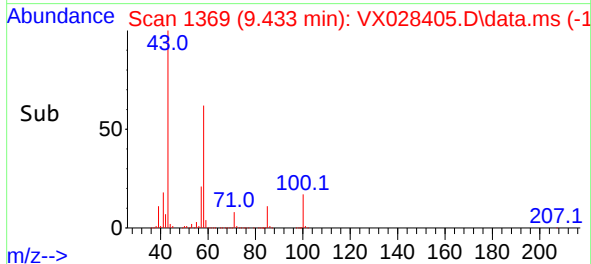
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



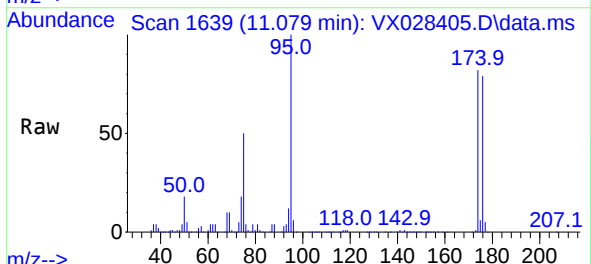
Tgt Ion: 43 Resp: 410511
Ion Ratio Lower Upper
43 100
58 60.1 44.1 66.1
57 20.7 16.2 24.2

Manual Integrations
APPROVED

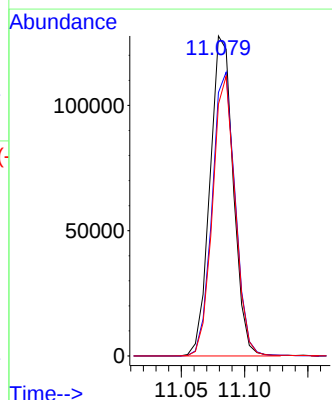
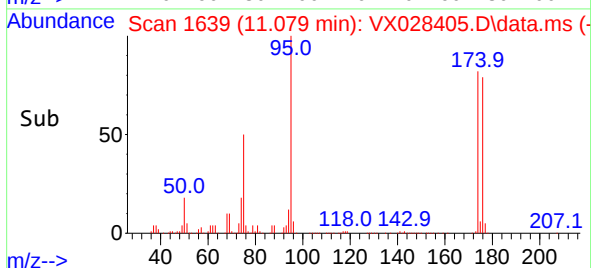
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

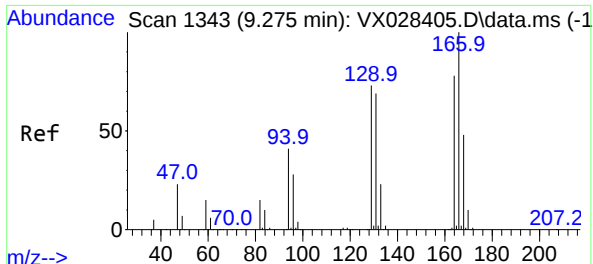


#60
4-Bromofluorobenzene
Concen: 28.912 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



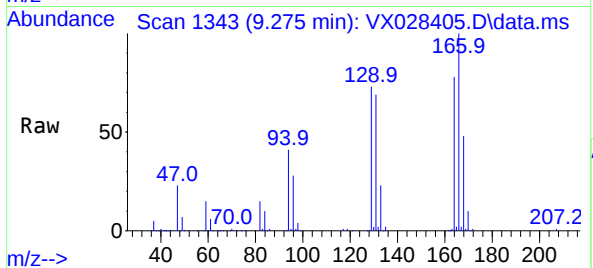
Tgt Ion: 95 Resp: 163589
Ion Ratio Lower Upper
95 100
174 87.6 65.4 98.2
176 84.2 63.4 95.0





#61
Tetrachloroethene
Concen: 15.860 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

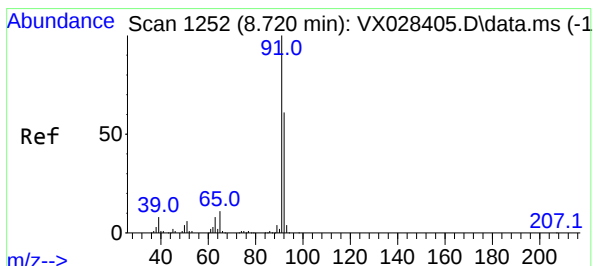
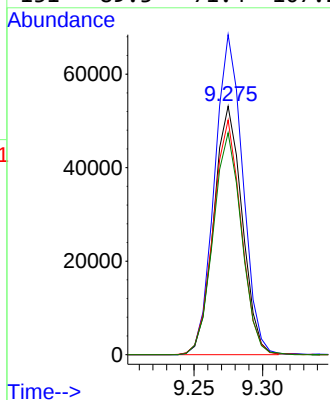
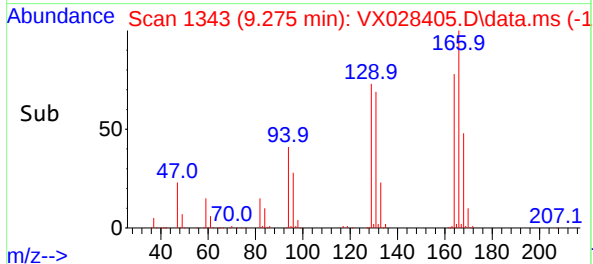
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



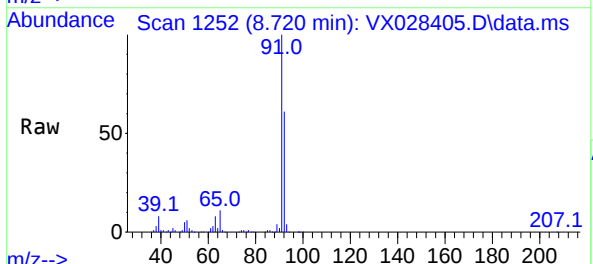
Tgt Ion:164 Resp: 76560
Ion Ratio Lower Upper
164 100
166 128.8 105.0 157.6
129 94.4 78.5 117.7
131 89.3 71.4 107.2

Manual Integrations
APPROVED

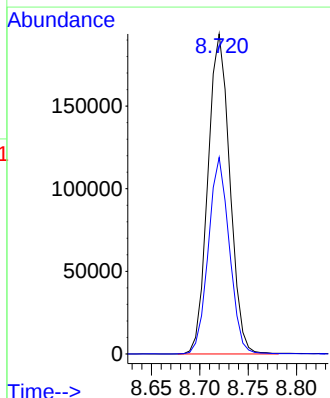
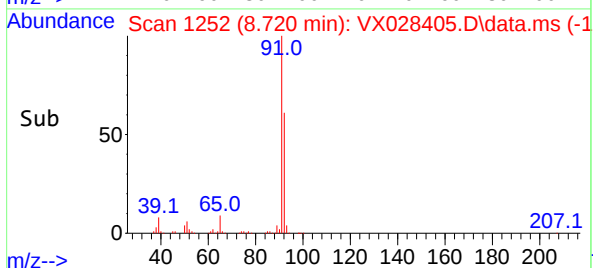
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

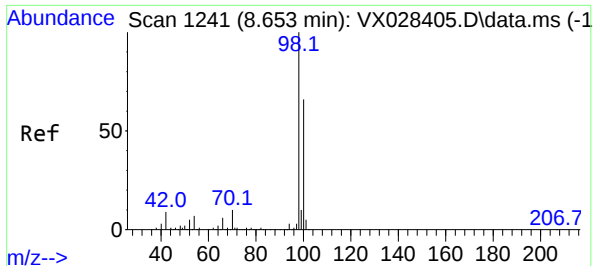


#62
Toluene
Concen: 16.667 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



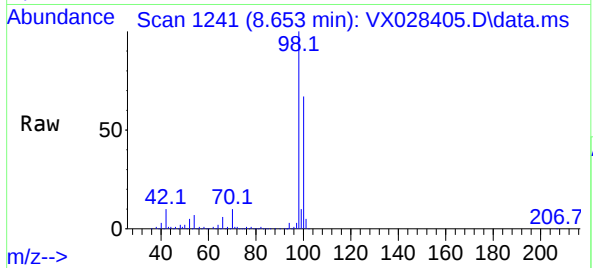
Tgt Ion: 91 Resp: 304745
Ion Ratio Lower Upper
91 100
92 58.8 48.1 72.1





#63
Toluene-d8
Concen: 30.296 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

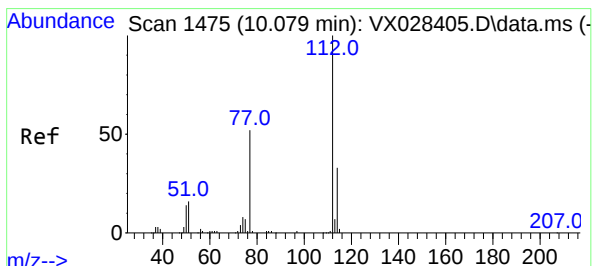
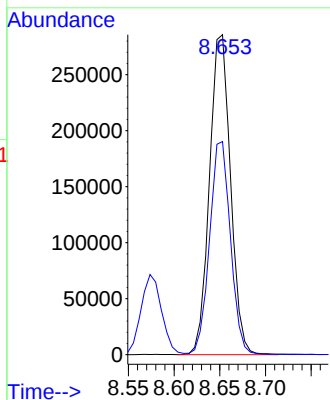
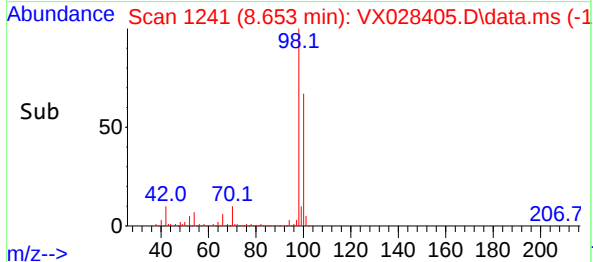
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



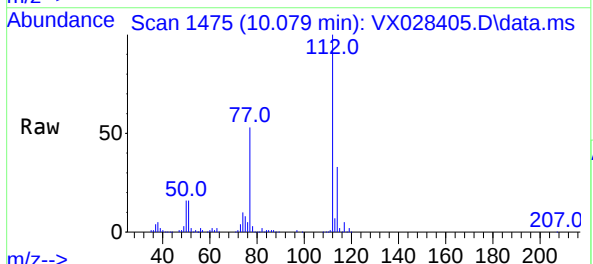
Tgt Ion: 98 Resp: 457062
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.2

Manual Integrations
APPROVED

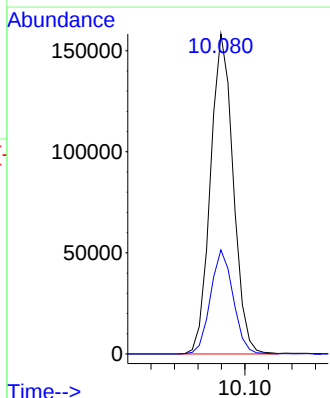
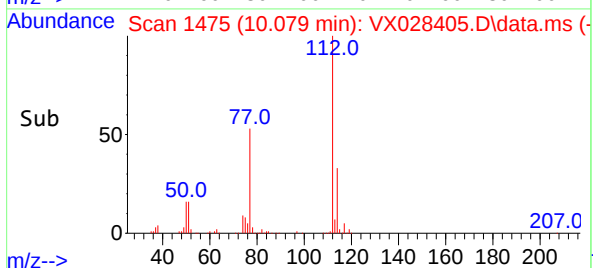
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

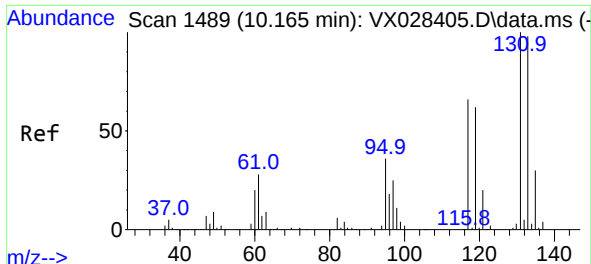


#64
Chlorobenzene
Concen: 17.900 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



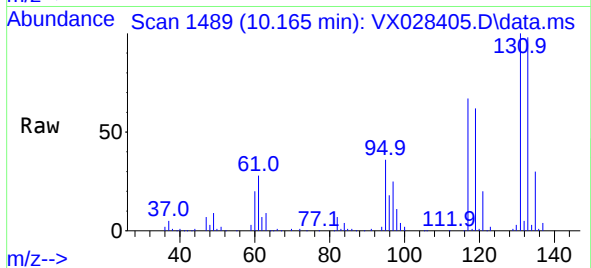
Tgt Ion:112 Resp: 213362
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 17.826 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

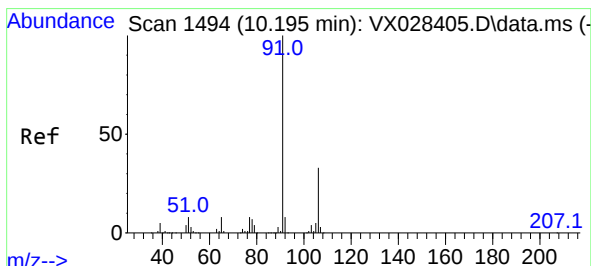
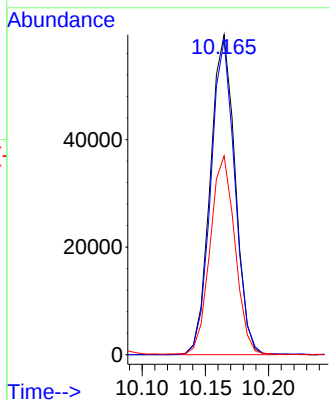
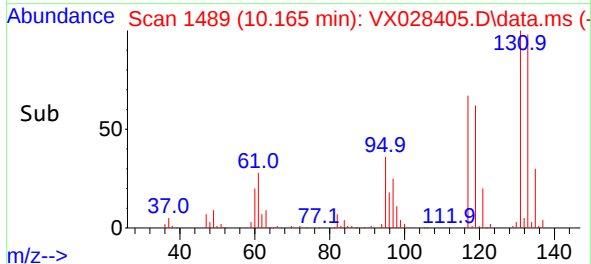
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



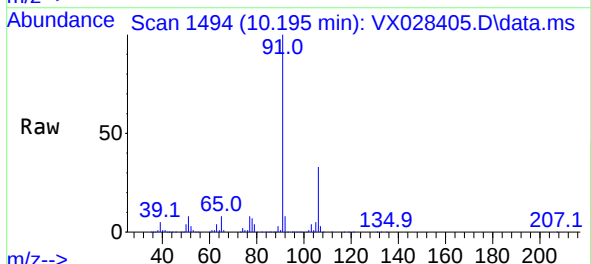
Tgt Ion:131 Resp: 8107
Ion Ratio Lower Upper
131 100
133 95.2 0.0 197.2
119 62.3 0.0 127.4

Manual Integrations
APPROVED

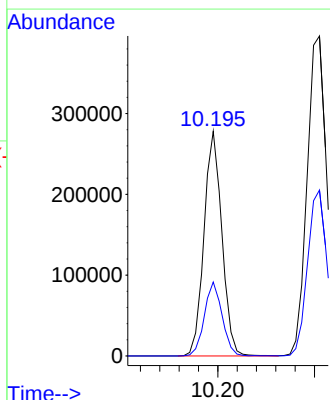
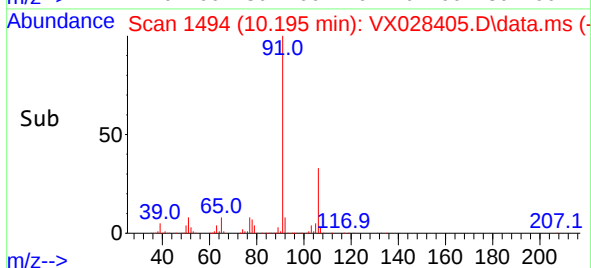
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

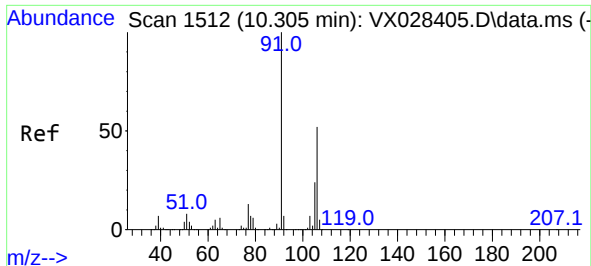


#66
Ethyl Benzene
Concen: 17.236 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



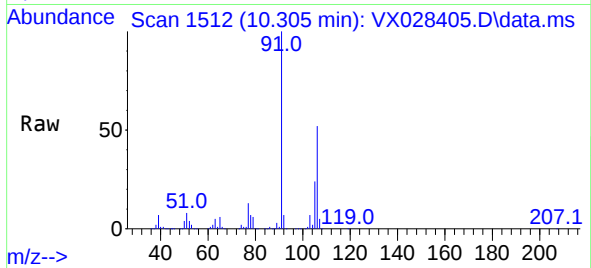
Tgt Ion: 91 Resp: 358007
Ion Ratio Lower Upper
91 100
106 32.9 25.8 38.8





#67
m/p-Xylenes
Concen: 35.051 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

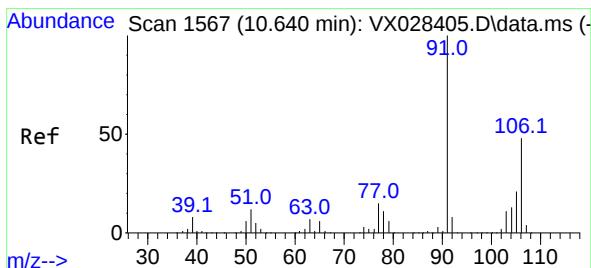
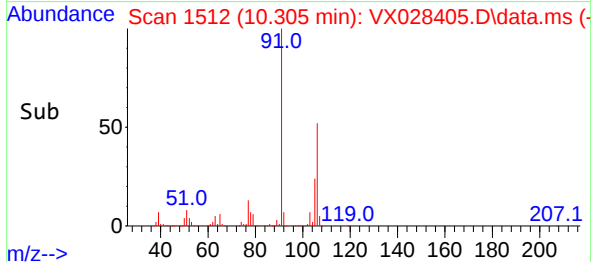
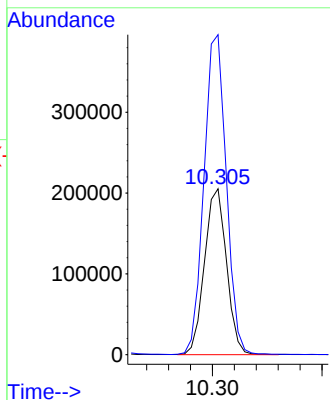
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:106 Resp: 285907
Ion Ratio Lower Upper
106 100
91 195.4 159.5 239.3

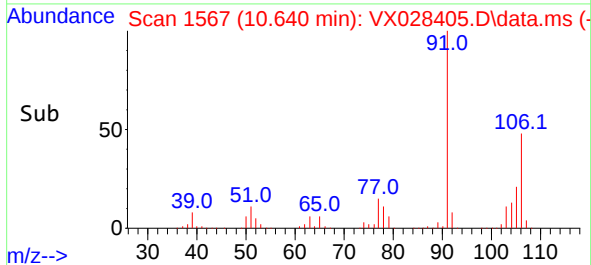
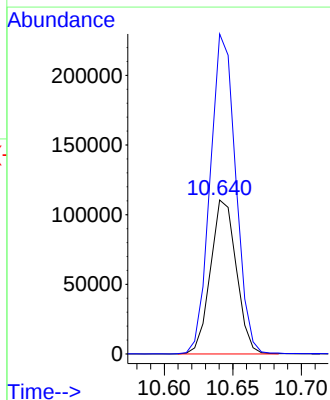
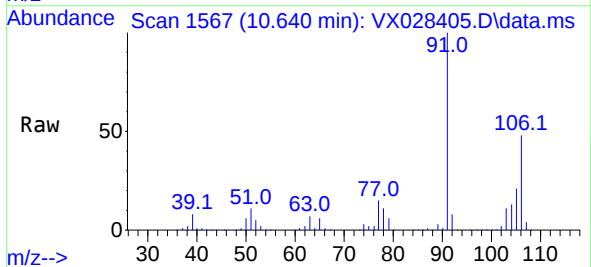
Manual Integrations
APPROVED

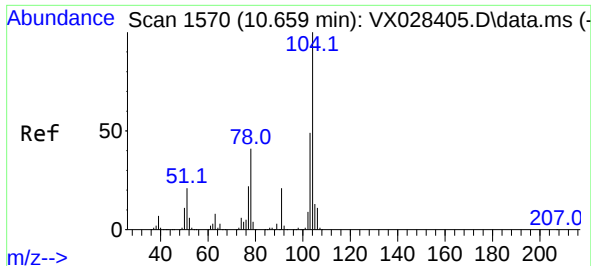
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#68
o-Xylene
Concen: 18.062 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

Tgt Ion:106 Resp: 144916
Ion Ratio Lower Upper
106 100
91 205.5 105.4 316.2





#69

Styrene

Concen: 18.023 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028405.D

Acq: 28 Apr 2022 17:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

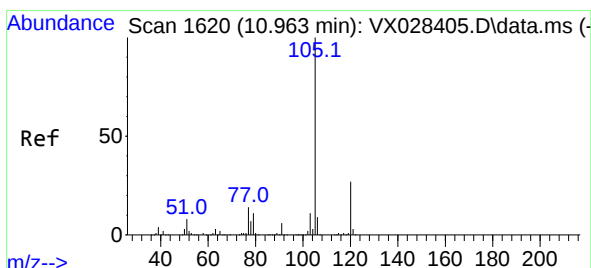
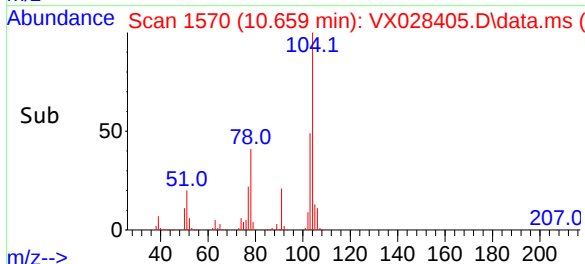
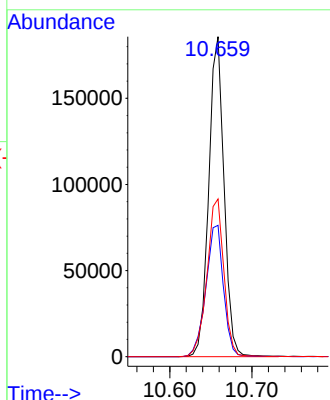
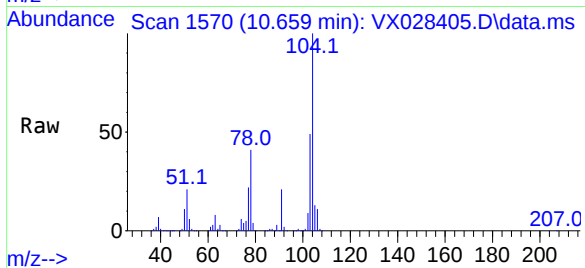
Tgt Ion:104	Resp: 24041
Ion Ratio	Lower Upper
104	100
78	47.2 39.7 59.5
103	54.5 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#70

Isopropylbenzene

Concen: 18.066 ug/l

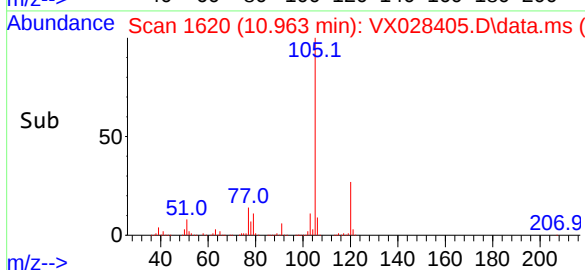
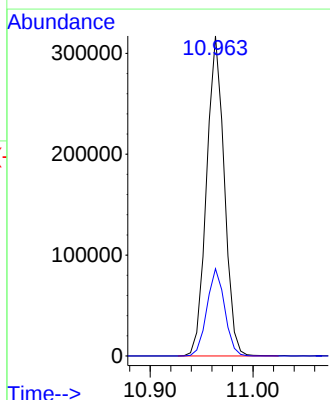
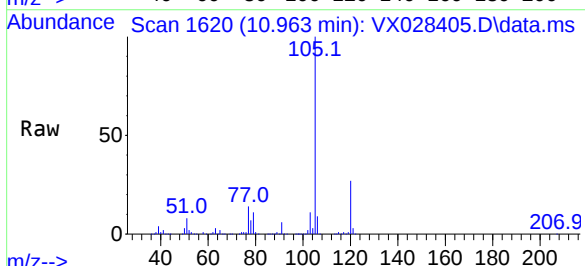
RT: 10.963 min Scan# 1620

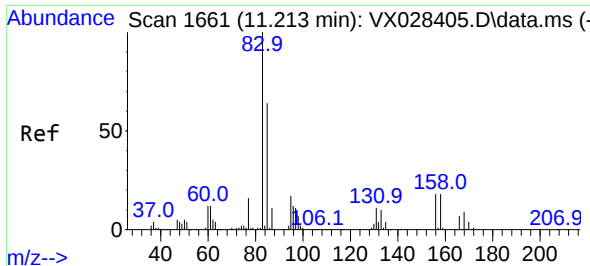
Delta R.T. 0.000 min

Lab File: VX028405.D

Acq: 28 Apr 2022 17:34

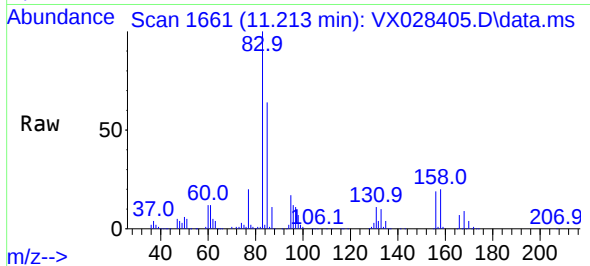
Tgt Ion:105	Resp: 380800
Ion Ratio	Lower Upper
105	100
120	27.2 18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 20.443 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

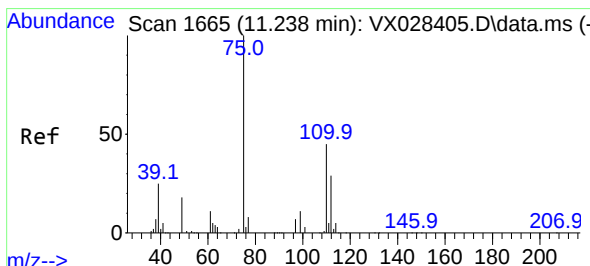
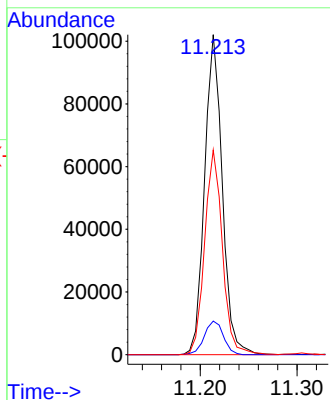
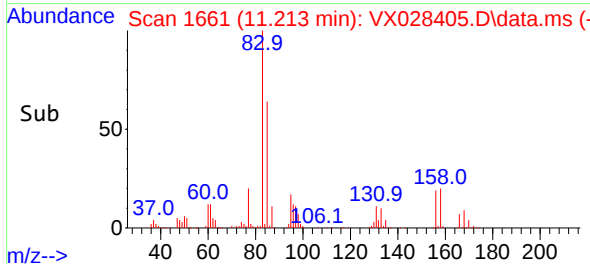
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



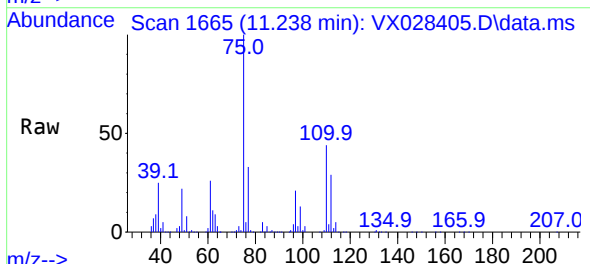
Tgt Ion: 83 Resp: 129950
Ion Ratio Lower Upper
83 100
131 11.4 5.8 17.3
85 64.3 32.0 96.2

Manual Integrations
APPROVED

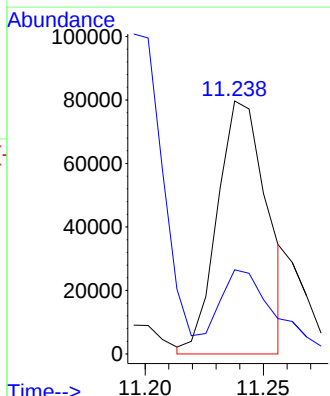
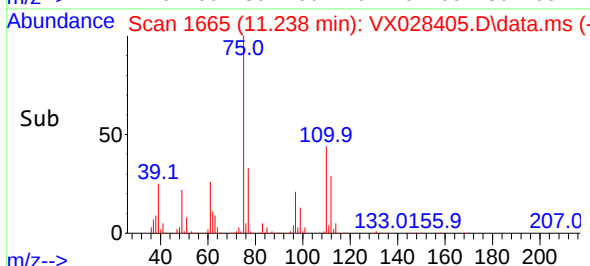
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

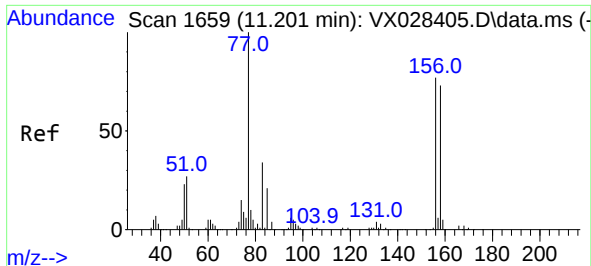


#72
1,2,3-Trichloropropane
Concen: 19.105 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



Tgt Ion: 75 Resp: 115857
Ion Ratio Lower Upper
75 100
77 38.7 0.0 78.6





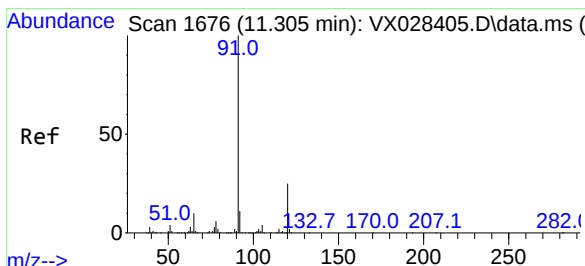
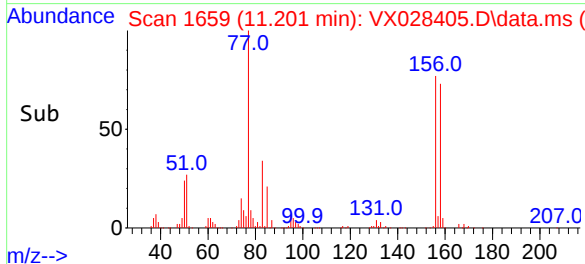
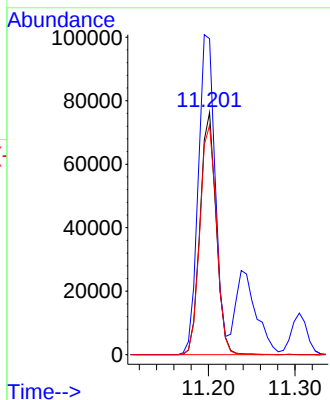
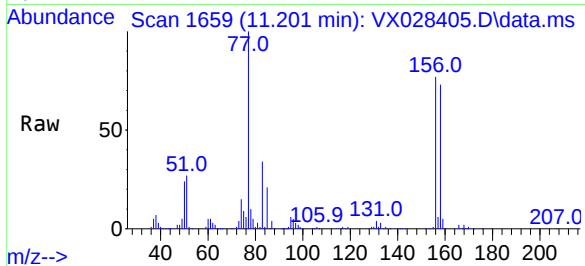
#73
Bromobenzene
Concen: 18.652 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:156 Resp: 98679
Ion Ratio Lower Upper
156 100
77 137.8 0.0 297.6
158 97.6 0.0 188.4

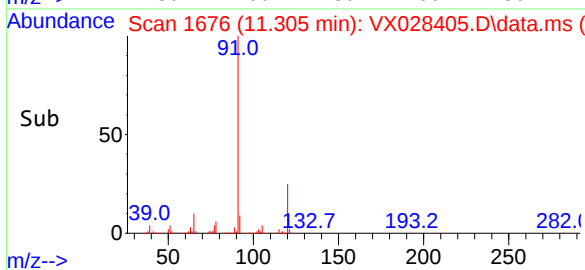
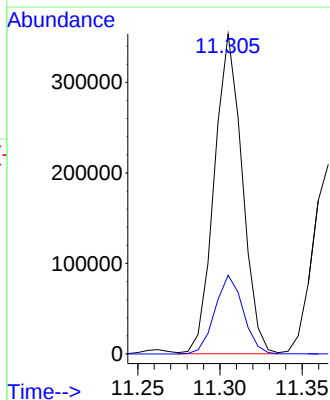
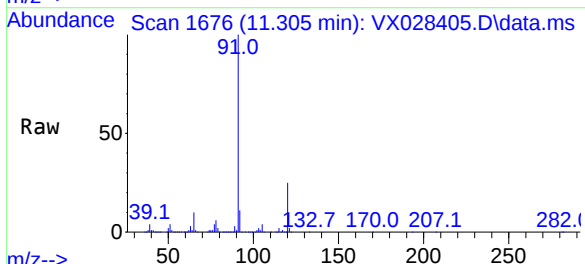
Manual Integrations
APPROVED

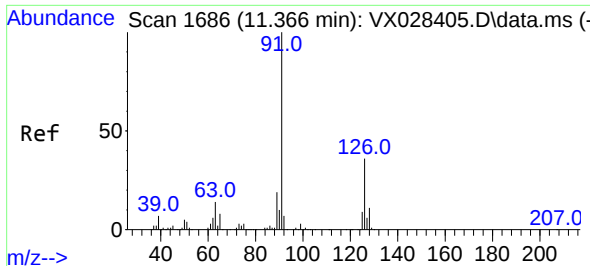
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#74
n-propylbenzene
Concen: 17.429 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

Tgt Ion: 91 Resp: 417519
Ion Ratio Lower Upper
91 100
120 24.8 0.0 48.0





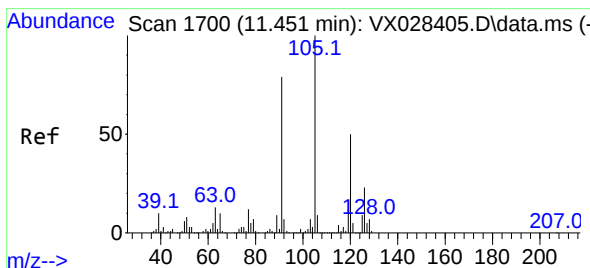
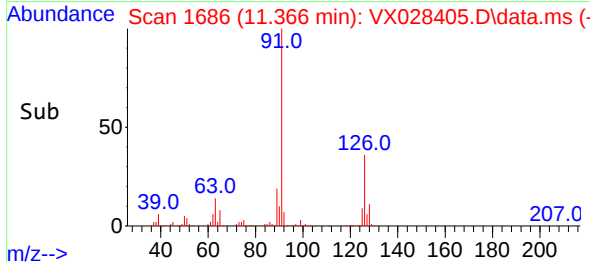
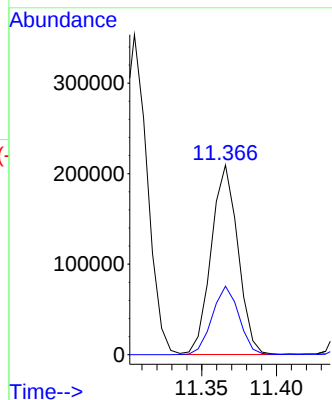
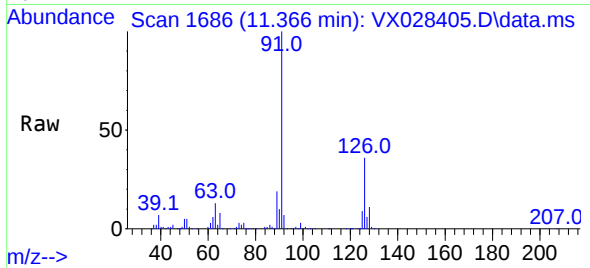
#75
2-Chlorotoluene
Concen: 17.906 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 26055
Ion Ratio Lower Upper
91 100
126 36.0 0.0 68.6

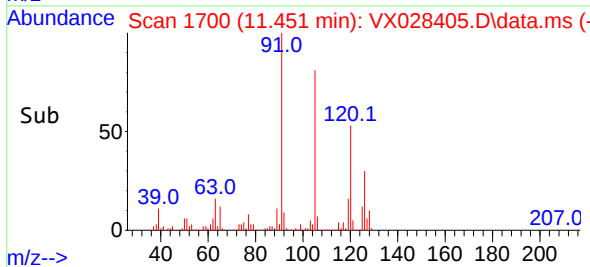
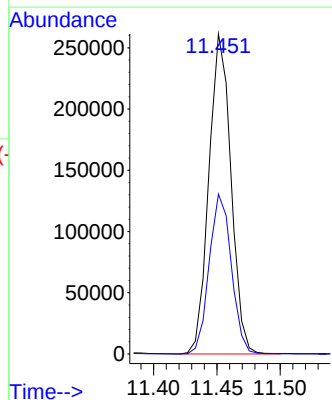
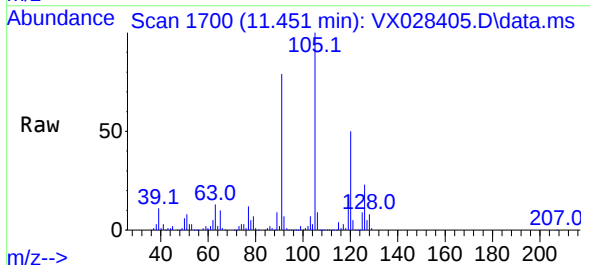
Manual Integrations
APPROVED

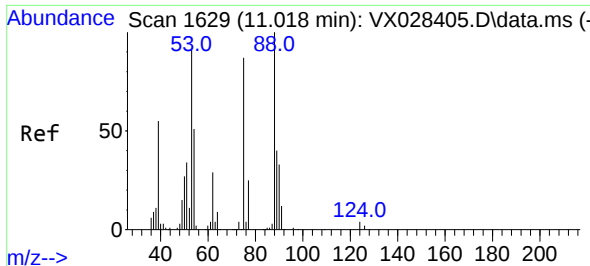
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#76
1,3,5-Trimethylbenzene
Concen: 17.948 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

Tgt Ion:105 Resp: 317220
Ion Ratio Lower Upper
105 100
120 50.1 0.0 98.0





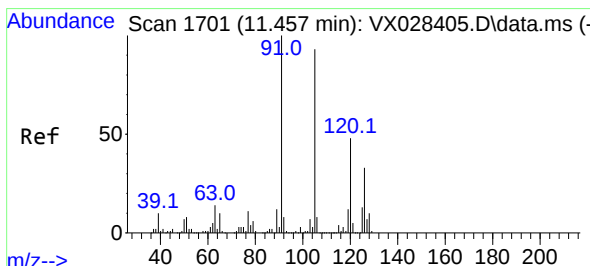
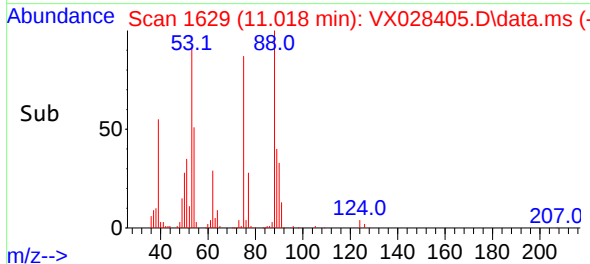
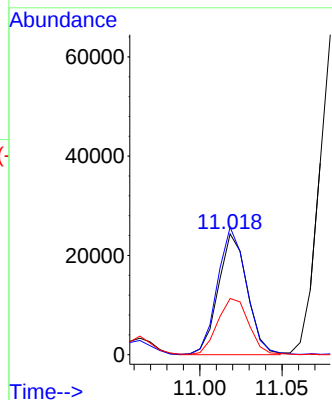
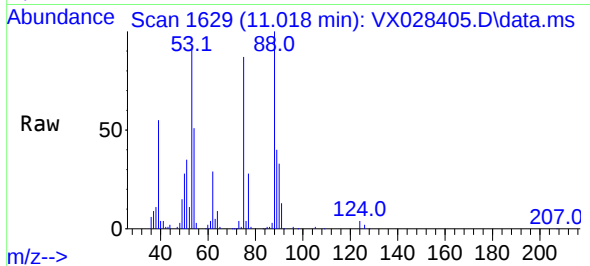
#77
t-1,4-Dichloro-2-butene
Concen: 16.687 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 29900
Ion Ratio Lower Upper
75 100
53 105.2 59.7 179.1
89 46.1 23.1 69.2

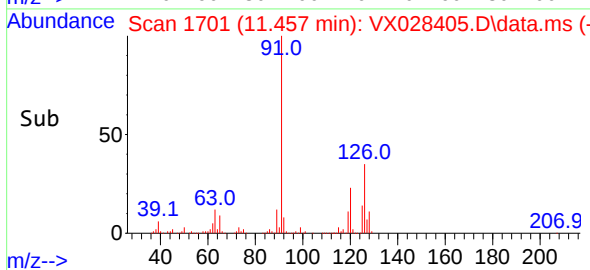
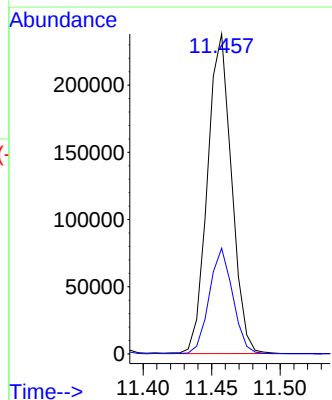
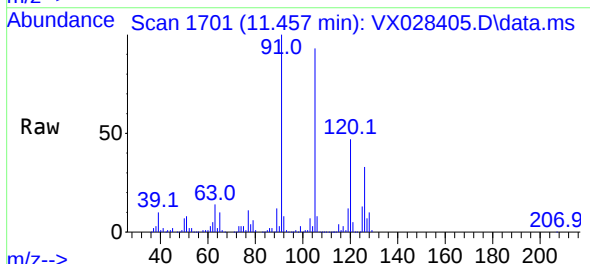
Manual Integrations
APPROVED

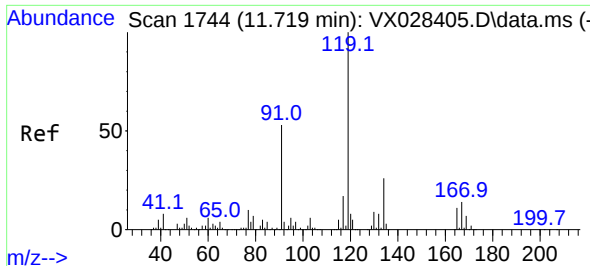
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#78
4-Chlorotoluene
Concen: 17.636 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

Tgt Ion: 91 Resp: 291541
Ion Ratio Lower Upper
91 100
126 32.1 0.0 59.8





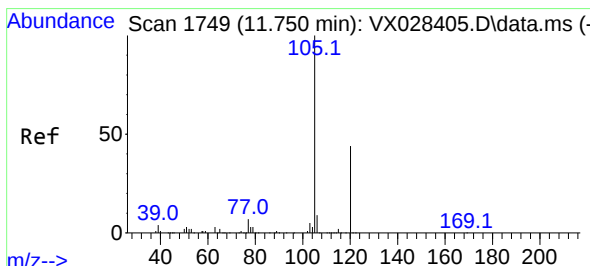
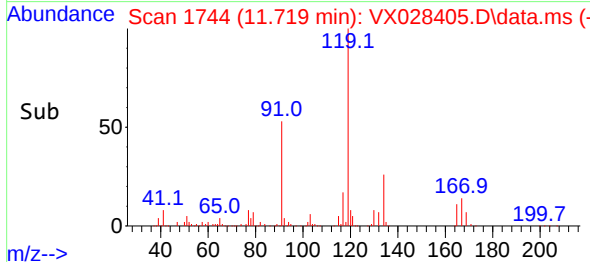
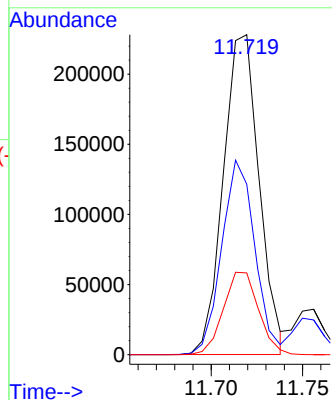
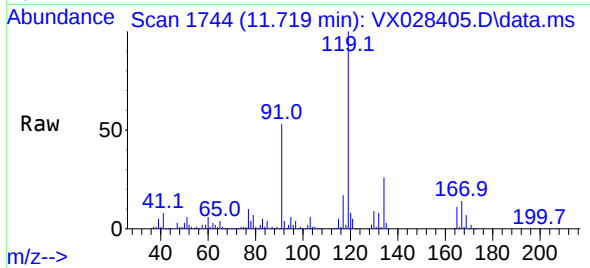
#79
tert-butylbenzene
Concen: 18.058 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 311462
Ion Ratio Lower Upper
119 100
91 56.4 0.0 119.4
134 25.4 0.0 48.4

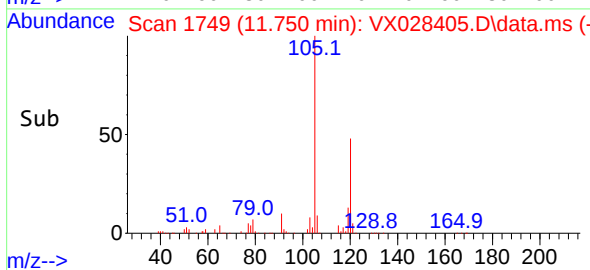
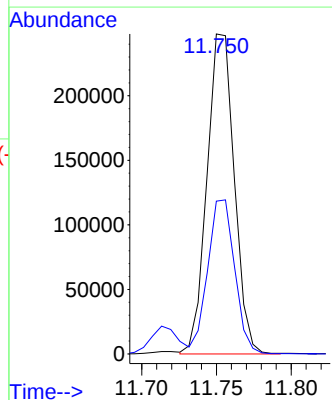
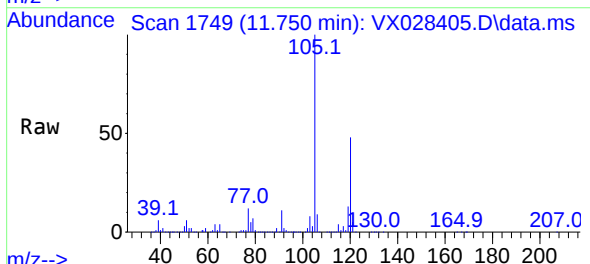
Manual Integrations
APPROVED

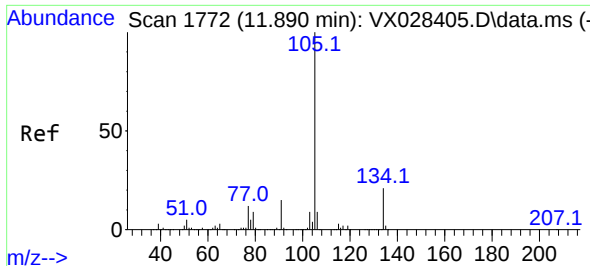
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#80
1,2,4-Trimethylbenzene
Concen: 17.873 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

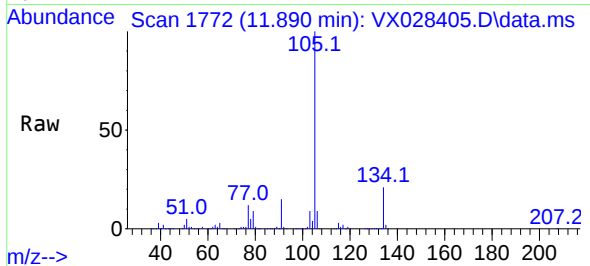
Tgt Ion:105 Resp: 315499
Ion Ratio Lower Upper
105 100
120 47.4 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 17.185 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028405.D
 Acq: 28 Apr 2022 17:34

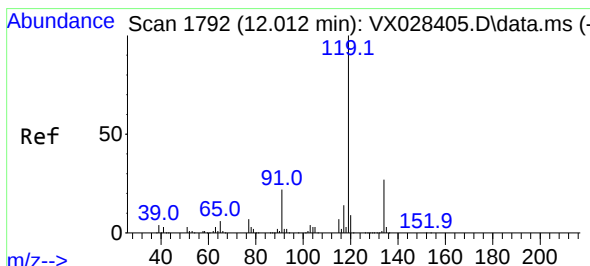
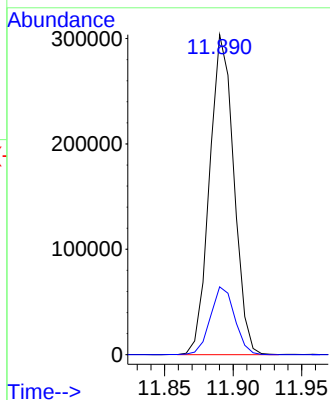
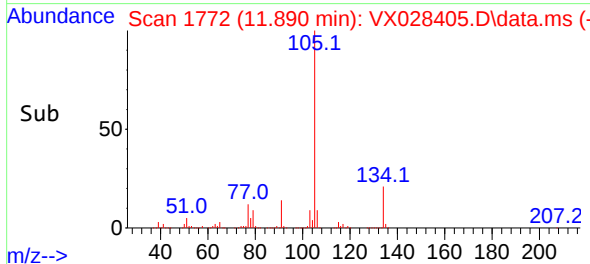
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



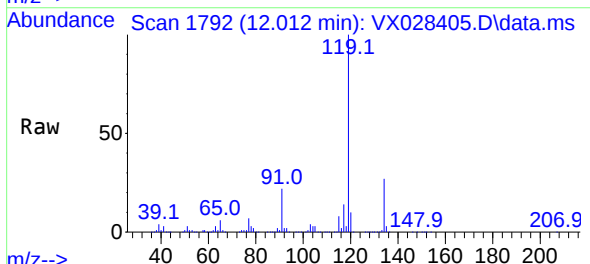
Tgt Ion:105 Resp: 375208
 Ion Ratio Lower Upper
 105 100
 134 21.2 0.0 41.2

Manual Integrations
 APPROVED

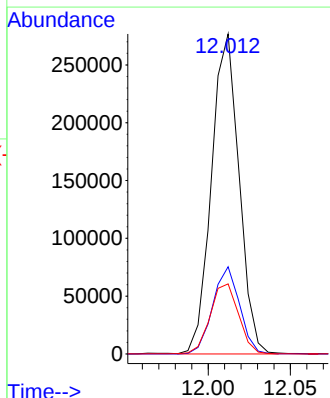
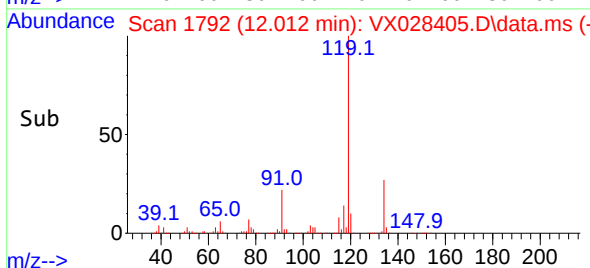
Reviewed By :John Carlone 04/29/2022
 Supervised By :Mahesh Dadoda 04/29/2022

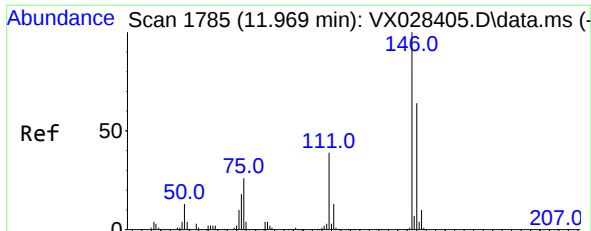


#82
 p-Isopropyltoluene
 Concen: 17.396 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028405.D
 Acq: 28 Apr 2022 17:34



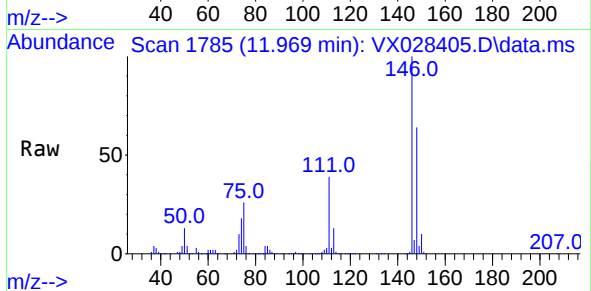
Tgt Ion:119 Resp: 323490
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.4
 91 22.6 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 18.720 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

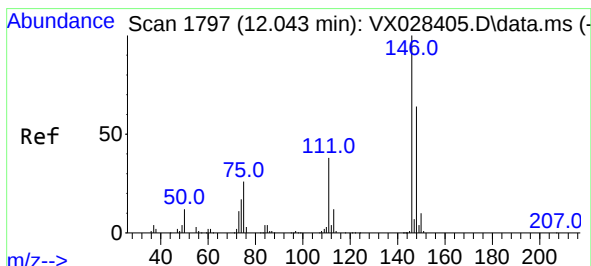
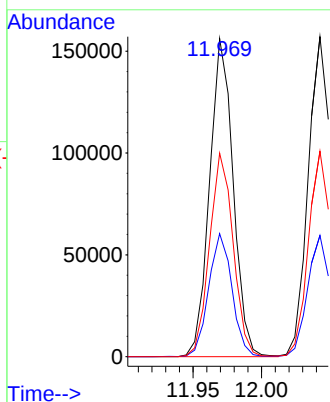
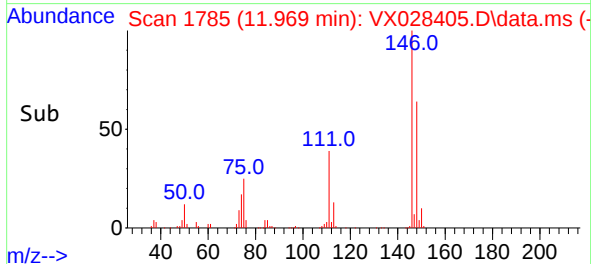
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



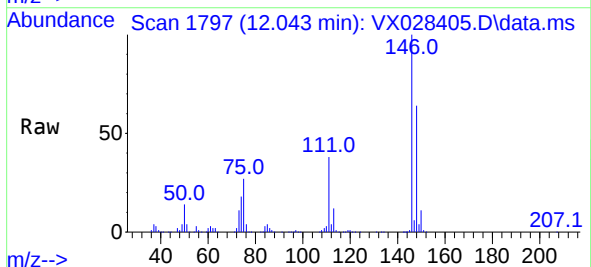
Tgt Ion:146 Resp: 186718
Ion Ratio Lower Upper
146 100
111 38.2 19.8 59.4
148 64.3 31.6 94.8

Manual Integrations
APPROVED

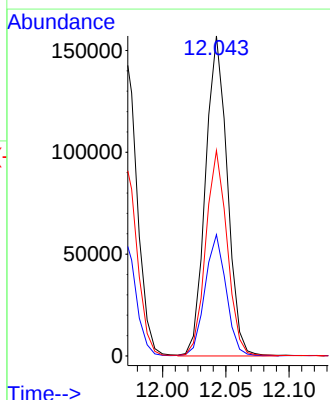
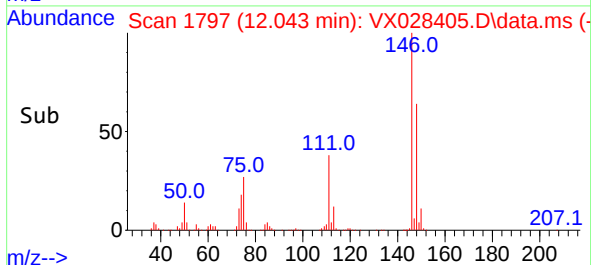
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

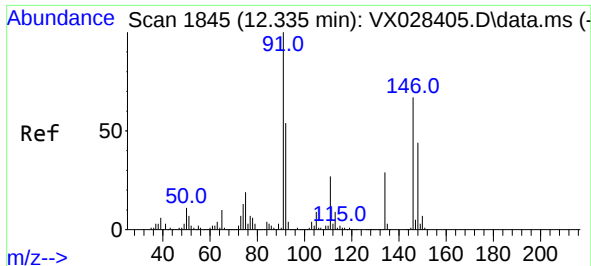


#84
1,4-Dichlorobenzene
Concen: 18.845 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



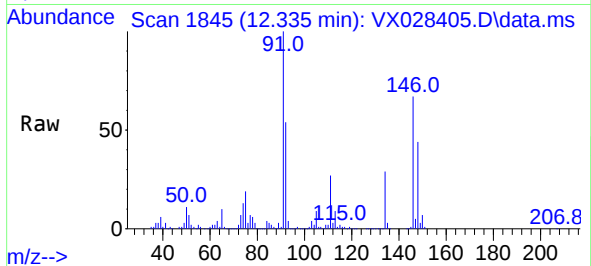
Tgt Ion:146 Resp: 188423
Ion Ratio Lower Upper
146 100
111 36.6 19.2 57.6
148 63.1 32.3 96.8





#85
n-Butylbenzene
Concen: 16.828 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

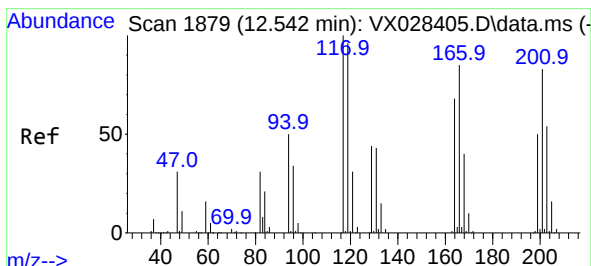
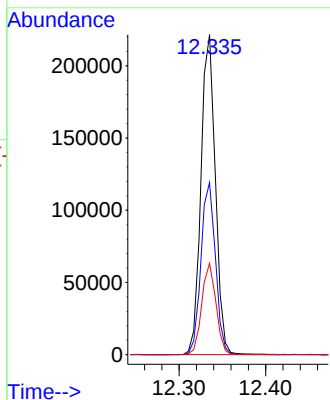
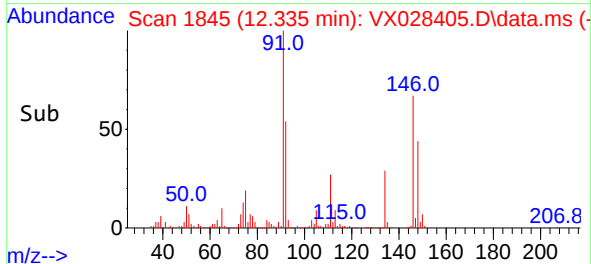
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 91 Resp: 256379
Ion Ratio Lower Upper
91 100
92 53.9 0.0 109.4
134 28.1 0.0 56.4

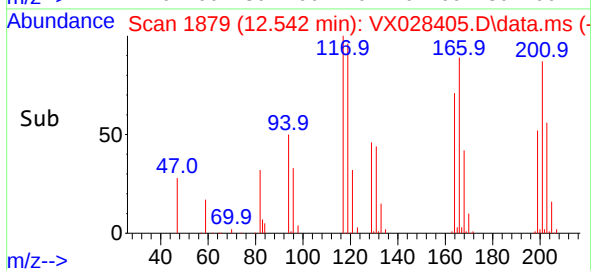
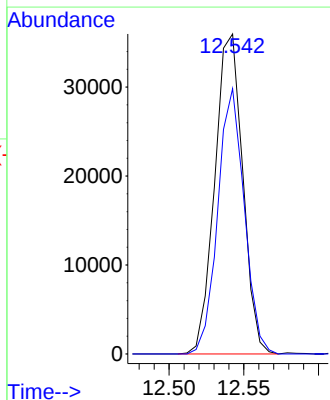
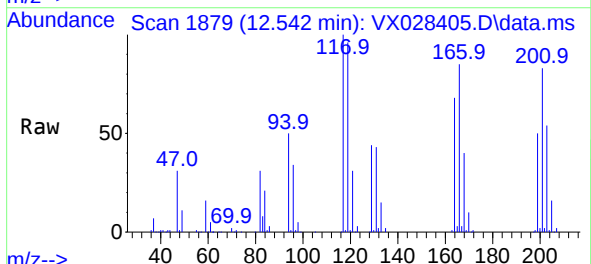
Manual Integrations
APPROVED

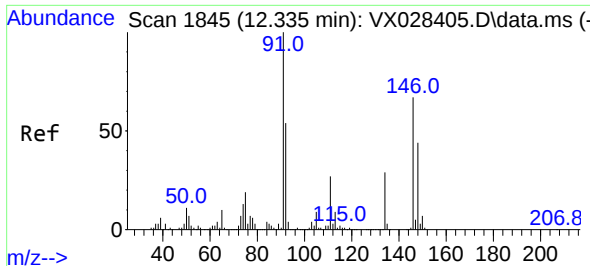
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#86
Hexachloroethane
Concen: 16.121 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

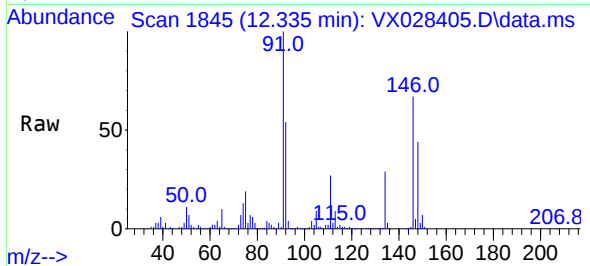
Tgt Ion:117 Resp: 46729
Ion Ratio Lower Upper
117 100
201 78.6 39.5 118.5





#87
1,2-Dichlorobenzene
Concen: 19.452 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

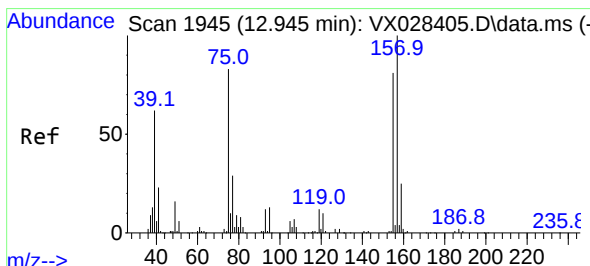
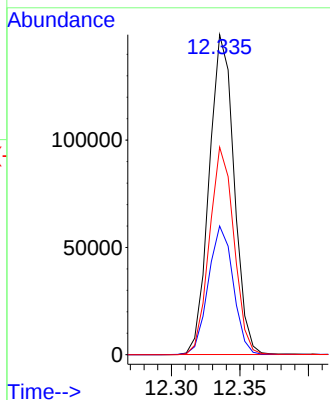
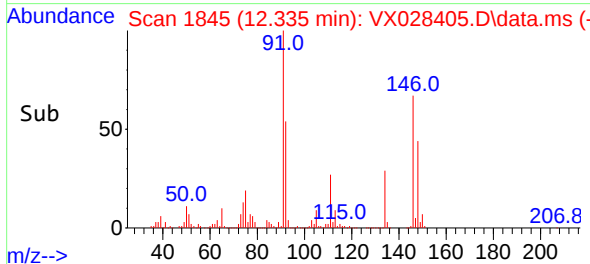
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



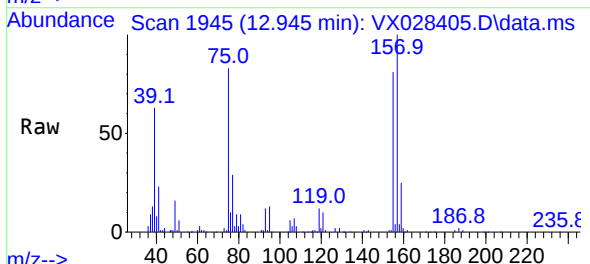
Tgt Ion:146 Resp: 18806
Ion Ratio Lower Upper
146 100
111 40.4 21.1 63.3
148 64.1 31.4 94.2

Manual Integrations
APPROVED

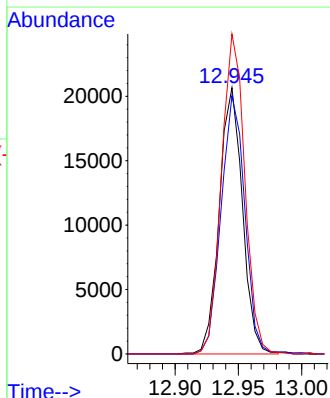
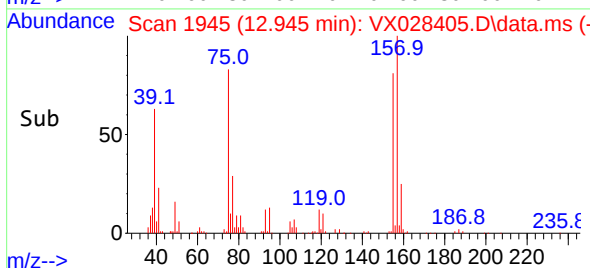
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

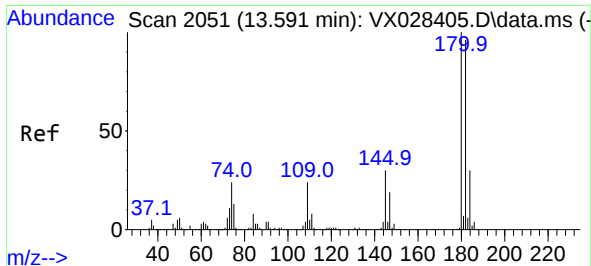


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.763 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34



Tgt Ion: 75 Resp: 26230
Ion Ratio Lower Upper
75 100
155 99.4 74.3 111.5
157 121.7 97.3 145.9





#89

1,2,4-Trichlorobenzene

Concen: 17.959 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX028405.D

Acq: 28 Apr 2022 17:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:180 Resp: 113390

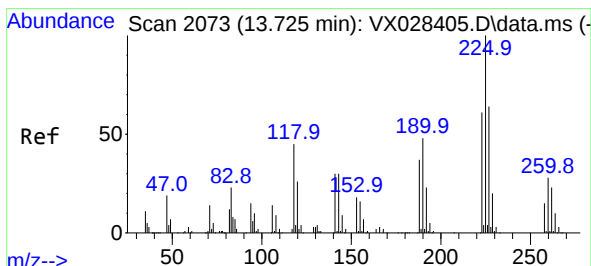
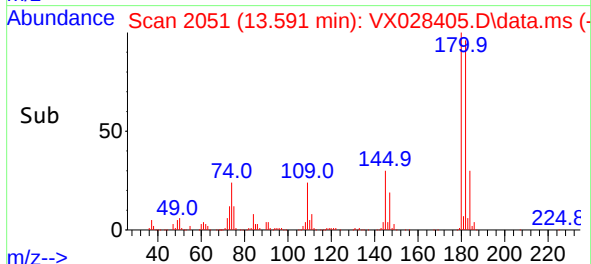
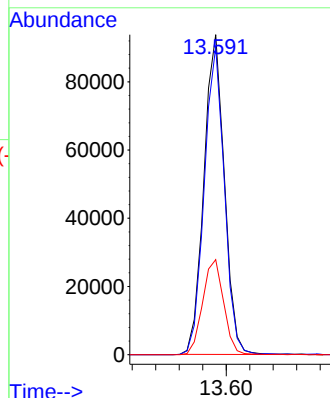
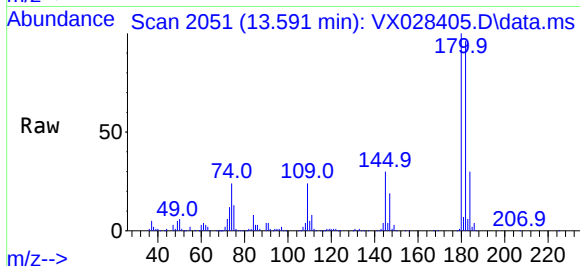
Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.4	116.2
145	30.5	24.2	36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#90

Hexachlorobutadiene

Concen: 18.057 ug/l

RT: 13.725 min Scan# 2073

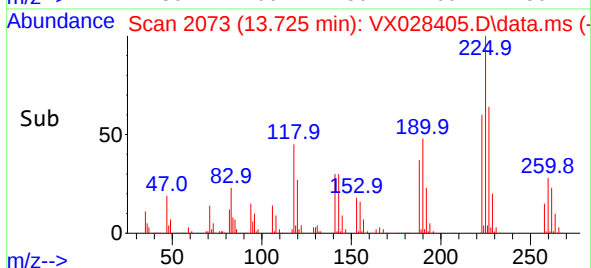
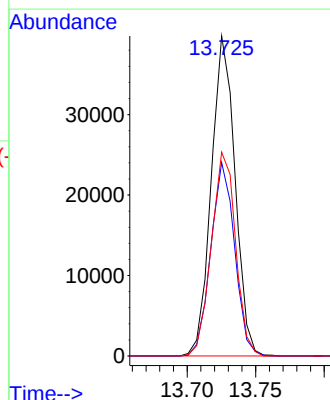
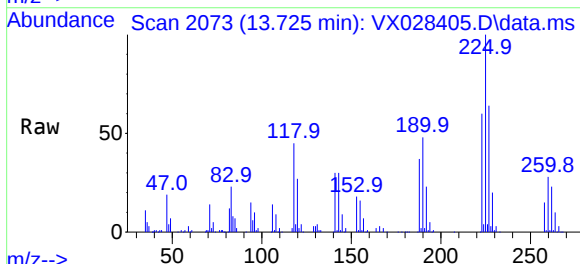
Delta R.T. 0.000 min

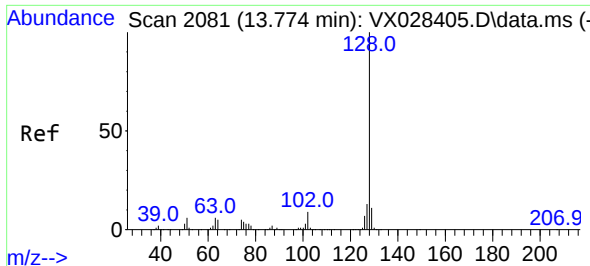
Lab File: VX028405.D

Acq: 28 Apr 2022 17:34

Tgt Ion:225 Resp: 47824

Ion	Ratio	Lower	Upper
225	100		
223	60.7	0.0	126.0
227	64.8	0.0	125.0





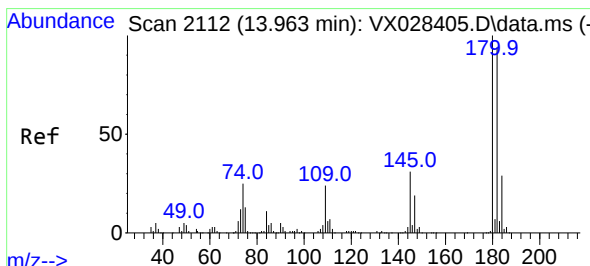
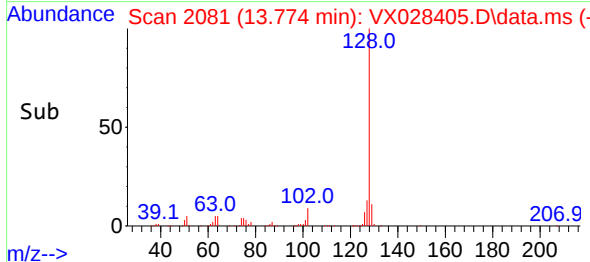
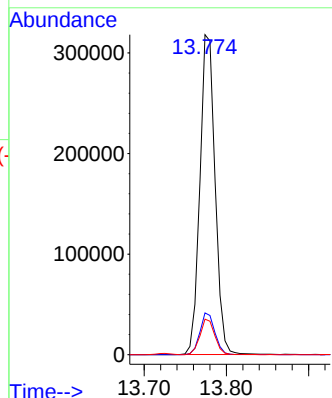
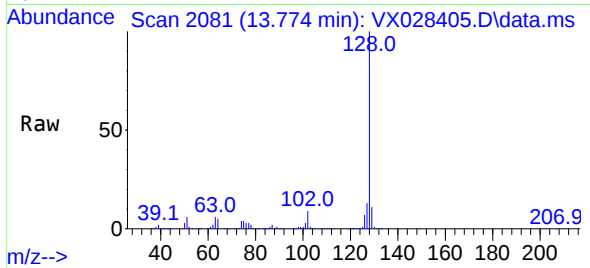
#91
Naphthalene
Concen: 19.248 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 408985
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#92
1,2,3-Trichlorobenzene
Concen: 17.890 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX028405.D
Acq: 28 Apr 2022 17:34

Tgt Ion:180 Resp: 113186
Ion Ratio Lower Upper
180 100
182 95.7 0.0 189.4
145 32.6 0.0 67.2

