

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050522\
 Data File : VX028532.D
 Acq On : 05 May 2022 14:18
 Operator : JC/MD
 Sample : VX0505WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2022
 Supervised By : Mahesh Dadoda 05/06/2022

Quant Time: May 06 02:26:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 29 06:09:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	60423	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	329527	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	304512	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	117705	30.631	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.100%	
60) 4-Bromofluorobenzene	11.079	95	143353	30.271	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.900%	
63) Toluene-d8	8.647	98	397963	30.850	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.833%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	42148	19.714	ug/l	94
3) Chloromethane	1.295	50	35770	21.224	ug/l	98
4) Vinyl Chloride	1.374	62	45924	21.435	ug/l	96
5) Bromomethane	1.599	94	38163	21.621	ug/l	94
6) Chloroethane	1.685	64	34780	21.080	ug/l	95
7) Trichlorofluoromethane	1.886	101	99346	21.207	ug/l	100
8) Diethyl Ether	2.130	74	37747	20.430	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	55686	20.213	ug/l	97
10) 1,1-Dichloroethene	2.319	96	45446	19.950	ug/l	96
11) Methyl Iodide	2.453	142	52804	17.259	ug/l	99
12) Methyl Acetate	2.703	43	77911	21.424	ug/l	100
13) Acrolein	2.233	56	70264	95.220	ug/l	100
14) Acrylonitrile	3.062	53	174129	105.176	ug/l	99
15) Acetone	2.380	58	55657	118.699	ug/l	92
16) Carbon Disulfide	2.508	76	62037	23.043	ug/l	99
17) Allyl chloride	2.666	41	69151	20.202	ug/l	83
18) Methylene Chloride	2.788	84	59476	20.321	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	51501	20.465	ug/l	90
20) Diisopropyl ether	3.757	45	174919	20.560	ug/l	97
21) 1,1-Dichloroethane	3.611	63	103219	20.527	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	71080	20.064	ug/l	97
23) tert-Butyl Alcohol	2.953	59	86531	96.775	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	202172	20.185	ug/l	97
25) Chloroform	5.093	83	122584	20.746	ug/l	98
26) Cyclohexane	5.471	56	64949	20.430	ug/l #	93
29) 1,1-Dichloropropene	5.690	75	72365	20.647	ug/l	97
30) 2-Butanone	4.550	43	248506	112.496	ug/l	93
31) 2,2-Dichloropropane	4.477	77	85826	19.938	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	101327	20.561	ug/l	99
33) Carbon Tetrachloride	5.672	117	87064	20.761	ug/l	99
34) Benzene	6.038	78	234034	20.964	ug/l	98
35) Methacrylonitrile	4.922	41	45825	20.597	ug/l #	82
36) 1,2-Dichloroethane	6.092	62	88564	21.288	ug/l	96
37) Trichloroethene	7.129	130	69124	20.215	ug/l	94
38) Methylcyclohexane	7.379	83	77520	21.596	ug/l	94
39) 1,2-Dichloropropane	7.428	63	60903	20.754	ug/l	97
40) Dibromomethane	7.580	93	47832	21.251	ug/l	96
41) Bromodichloromethane	7.824	83	92816	21.730	ug/l	97
42) Vinyl Acetate	3.721	43	728597	106.425	ug/l	97

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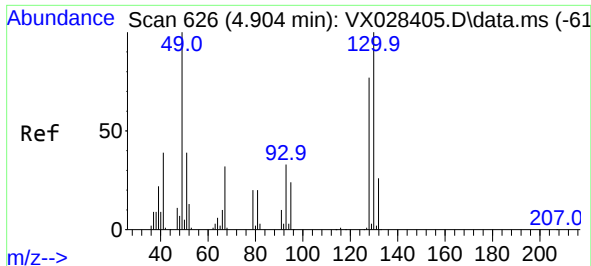
Manual Integrations
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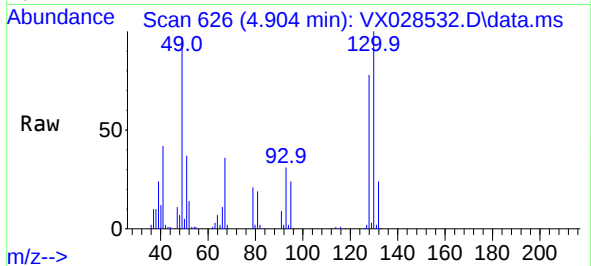
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	86508	20.927	ug/l	99
44) Isopropyl Acetate	6.336	43	134134	20.125	ug/l	98
45) 1,4-Dioxane	7.659	88	38774	446.742	ug/l	91
46) Methyl methacrylate	7.696	41	63742	20.926	ug/l	79
47) n-amyl Acetate	10.842	43	117073	20.288	ug/l	98
48) t-1,3-Dichloropropene	8.982	75	89757	20.008	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	97789	20.287	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	73641	20.806	ug/l	98
51) Ethyl methacrylate	9.116	69	103322	20.400	ug/l	95
52) 1,3-Dichloropropane	9.311	76	115526	20.863	ug/l	100
53) Dibromochloromethane	9.525	129	76942	21.248	ug/l	100
54) 1,2-Dibromoethane	9.610	107	77147	20.952	ug/l	98
55) 2-Chloroethyl vinyl ether	8.244	63	265099	99.694	ug/l	99
56) Bromoform	10.799	173	56881	20.378	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	477828	107.867	ug/l	94
59) 2-Hexanone	9.433	43	371102	108.243	ug/l	94
61) Tetrachloroethene	9.275	164	68550	20.407	ug/l	98
62) Toluene	8.720	91	276093	20.905	ug/l	98
64) Chlorobenzene	10.080	112	191851	20.591	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	73418	20.175	ug/l	98
66) Ethyl Benzene	10.195	91	324755	20.857	ug/l	99
67) m/p-Xylenes	10.305	106	259170	41.522	ug/l	98
68) o-Xylene	10.640	106	131904	20.794	ug/l	96
69) Styrene	10.659	104	217782	20.556	ug/l	98
70) Isopropylbenzene	10.964	105	347216	21.039	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	120458	21.497	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	106105m	21.281	ug/l	
73) Bromobenzene	11.201	156	88643	19.920	ug/l	95
74) n-propylbenzene	11.305	91	395395	21.487	ug/l	100
75) 2-Chlorotoluene	11.366	91	240151	21.067	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	294508	21.282	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	29230	19.362	ug/l	90
78) 4-Chlorotoluene	11.457	91	274103	21.259	ug/l	97
79) tert-butylbenzene	11.713	119	294369	20.967	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	292378	21.048	ug/l	98
81) sec-Butylbenzene	11.890	105	364594	21.908	ug/l	99
82) p-Isopropyltoluene	12.012	119	309448	21.422	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	173687	20.810	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	174143	20.522	ug/l	99
85) n-Butylbenzene	12.335	91	252716	21.677	ug/l	98
86) Hexachloroethane	12.543	117	49559	21.803	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	174548	20.766	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	24509	20.477	ug/l	94
89) 1,2,4-Trichlorobenzene	13.591	180	105153	20.028	ug/l	99
90) Hexachlorobutadiene	13.725	225	45685	20.524	ug/l	99
91) Naphthalene	13.774	128	361323	19.693	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	107033	20.337	ug/l	98

(#) = 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: VX028532.D
Acq: 05 May 2022 14:18

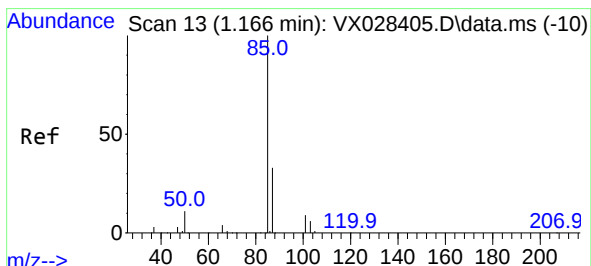
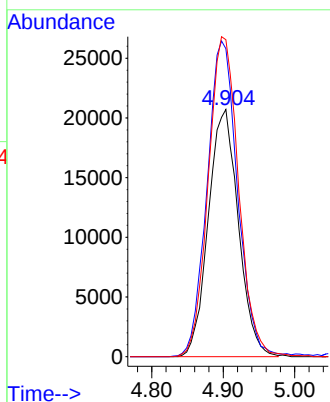
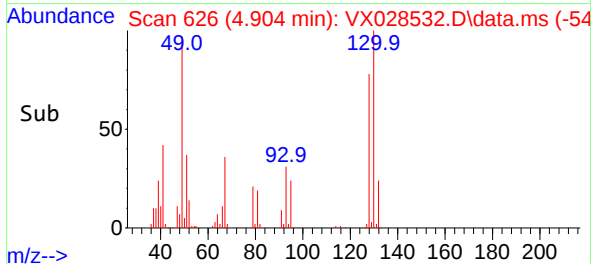
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



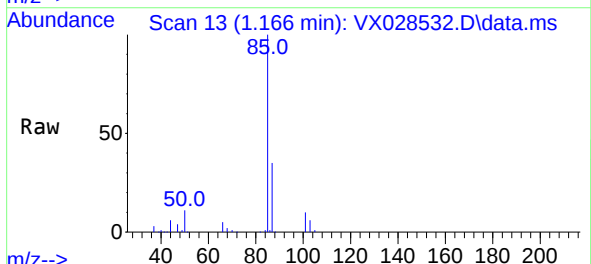
Tgt Ion:128 Resp: 6042
Ion Ratio Lower Upper
128 100
49 129.6 0.0 358.3
130 130.8 0.0 319.3

Manual Integrations
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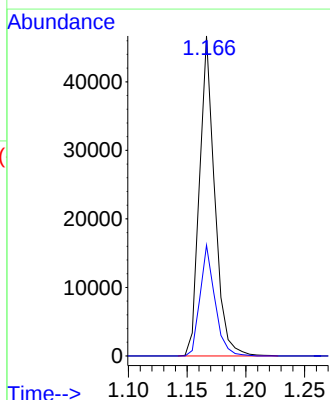
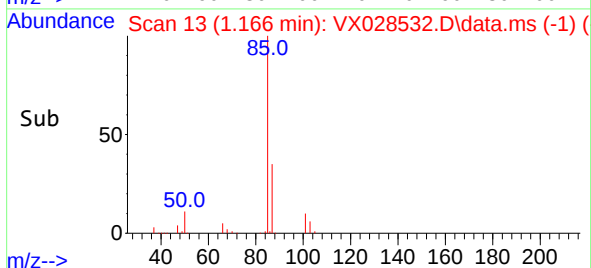
Reviewed By :John Carlone 05/06/2022
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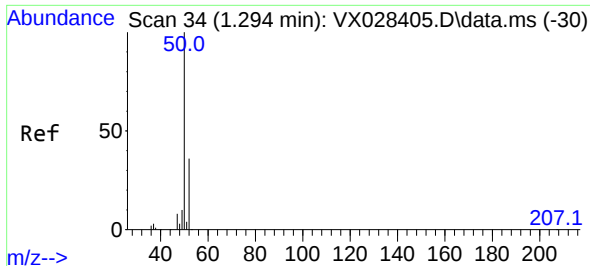


#2
Dichlorodifluoromethane
Concen: 19.714 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



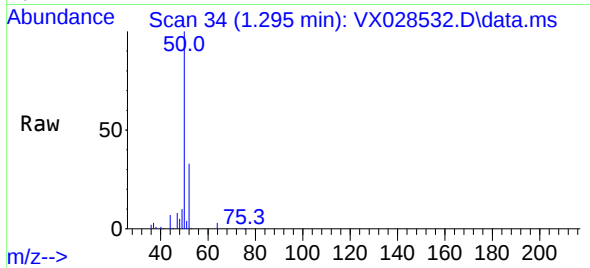
Tgt Ion: 85 Resp: 42148
Ion Ratio Lower Upper
85 100
87 34.6 15.6 46.8





#3
Chloromethane
Concen: 21.224 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

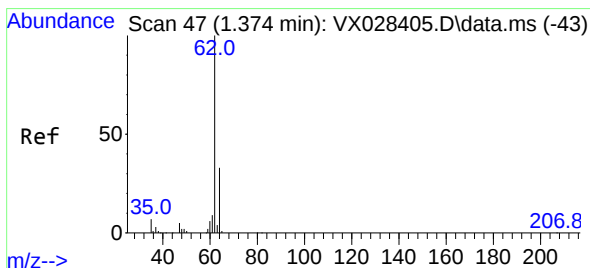
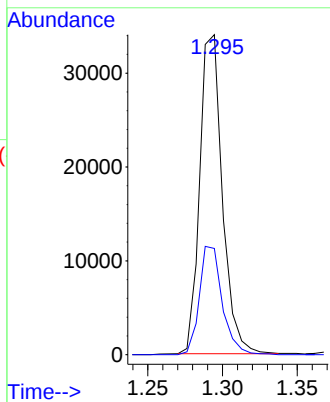
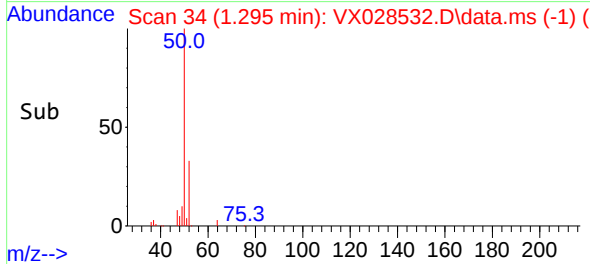
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



Tgt Ion: 50 Resp: 35770
Ion Ratio Lower Upper
50 100
52 33.3 25.6 38.4

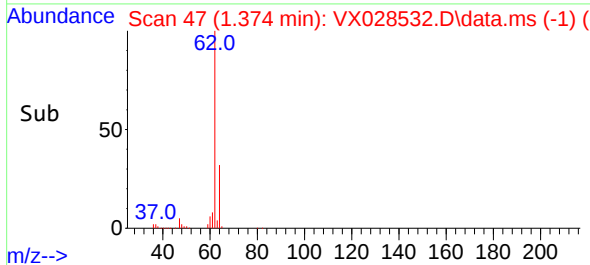
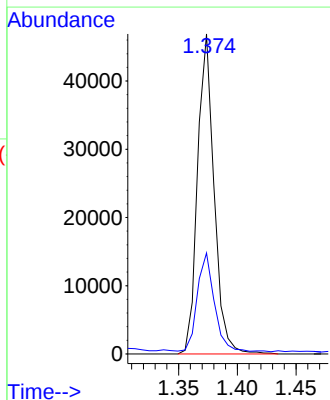
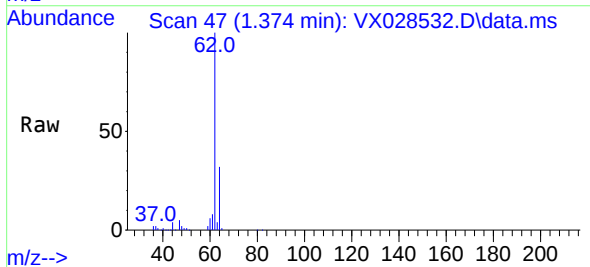
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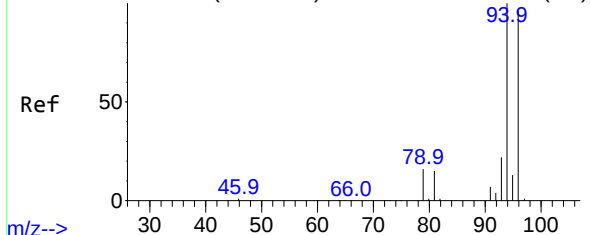


#4
Vinyl Chloride
Concen: 21.435 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

Tgt Ion: 62 Resp: 45924
Ion Ratio Lower Upper
62 100
64 30.6 26.2 39.2



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



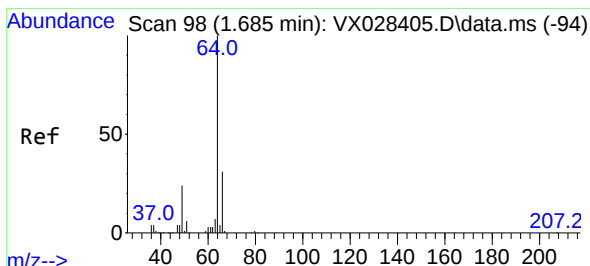
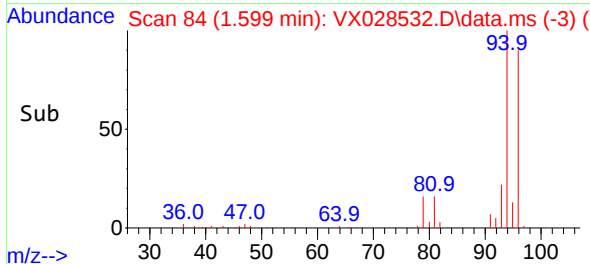
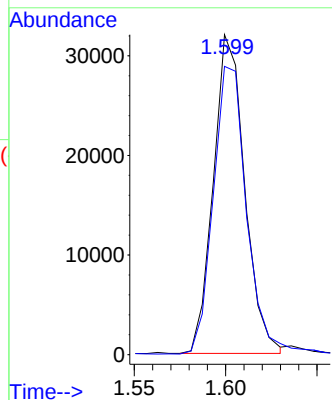
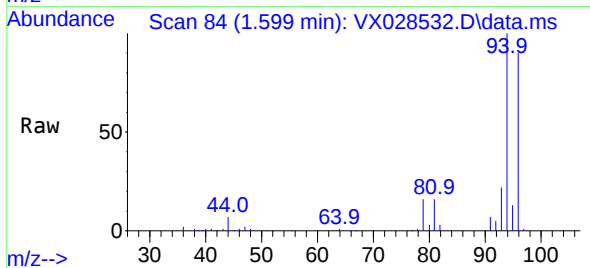
#5
Bromomethane
Concen: 21.621 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 3816
Ion Ratio Lower Upper
94 100
96 90.3 77.0 115.6

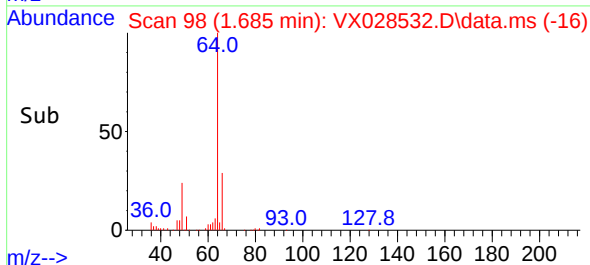
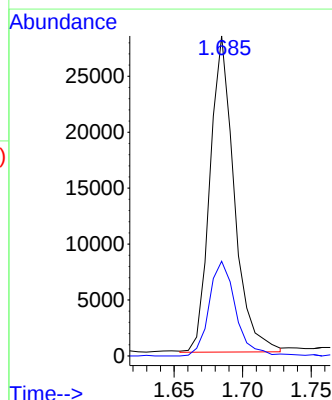
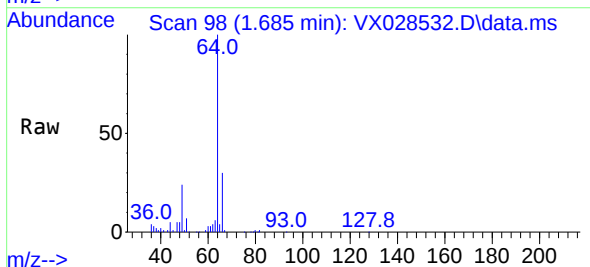
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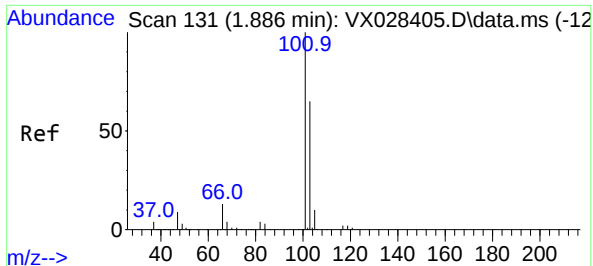
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#6
Chloroethane
Concen: 21.080 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

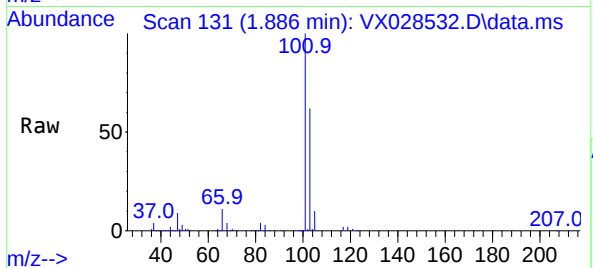
Tgt Ion: 64 Resp: 34780
Ion Ratio Lower Upper
64 100
66 30.1 26.4 39.6





#7
Trichlorofluoromethane
Concen: 21.207 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

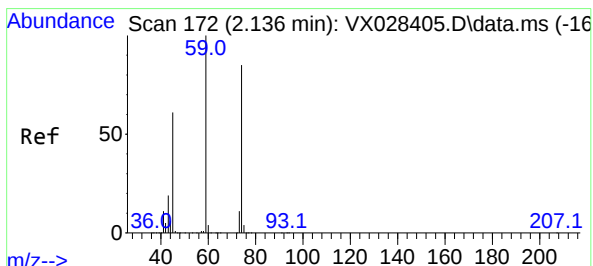
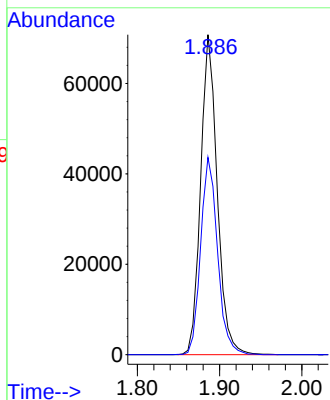
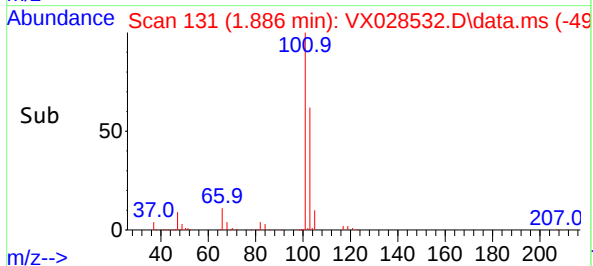
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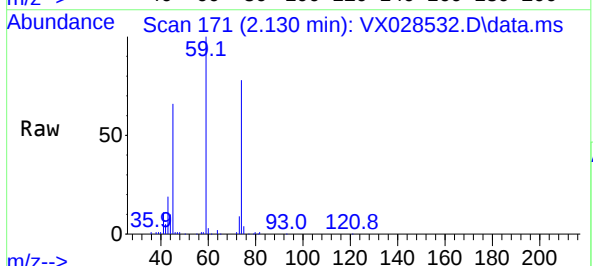
Tgt Ion:101 Resp: 99340
Ion Ratio Lower Upper
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103 61.6 49.6 74.4

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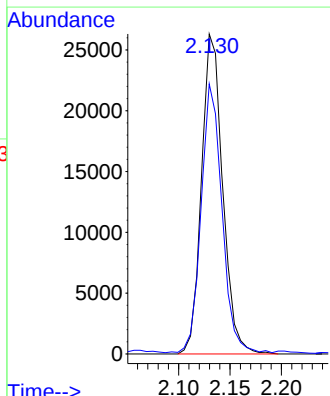
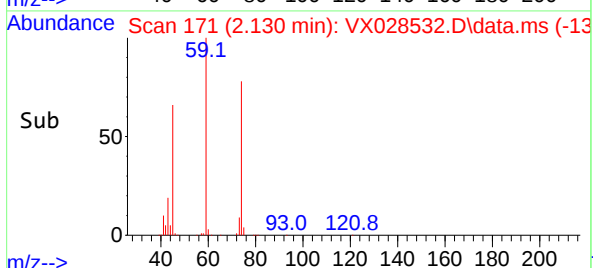
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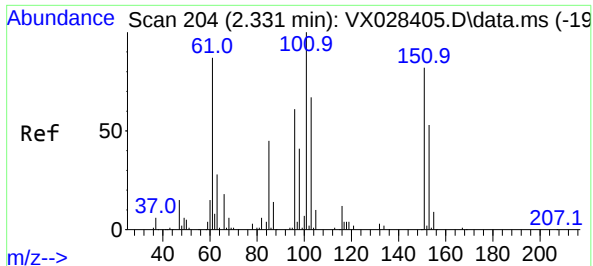


#8
Diethyl Ether
Concen: 20.430 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



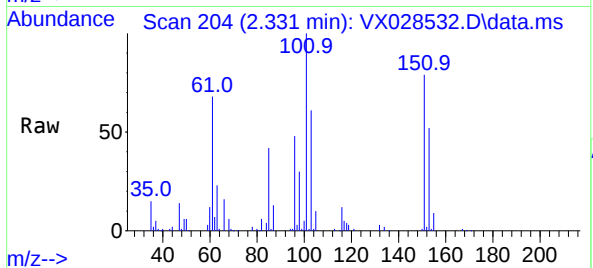
Tgt Ion: 74 Resp: 37747
Ion Ratio Lower Upper
74 100
45 84.0 18.7 168.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.213 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

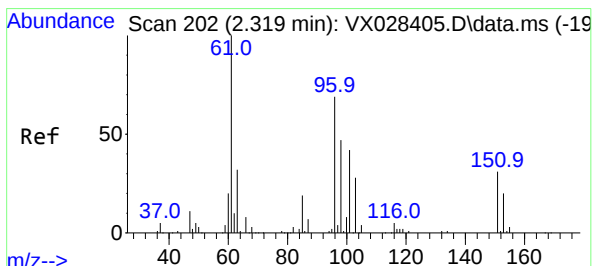
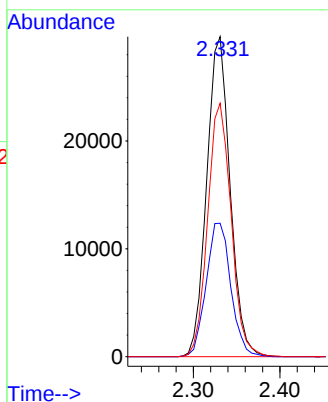
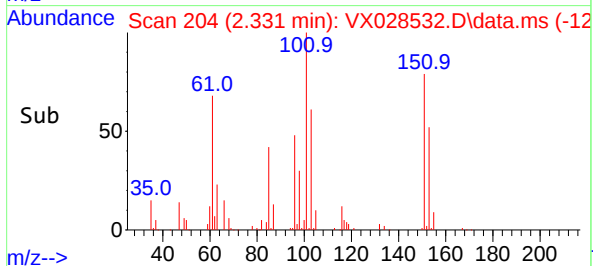
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



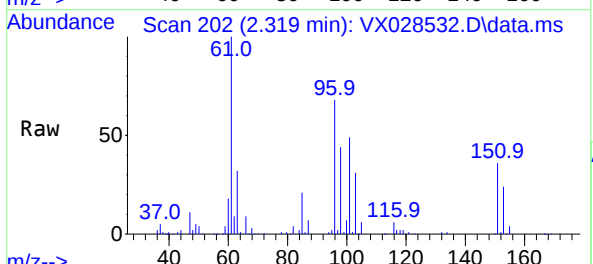
Tgt Ion:101 Resp: 55680
Ion Ratio Lower Upper
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151 79.6 0.0 165.4

Manual Integrations
APPROVED

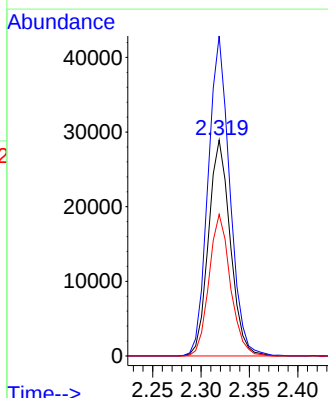
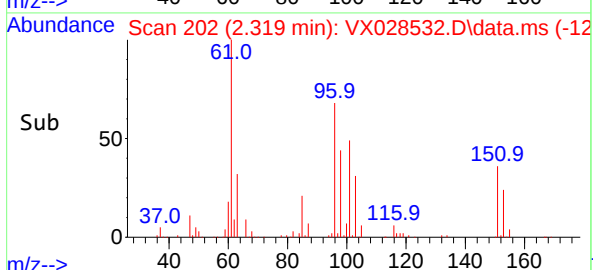
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

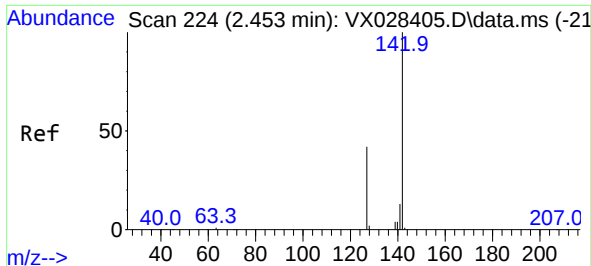


#10
1,1-Dichloroethene
Concen: 19.950 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



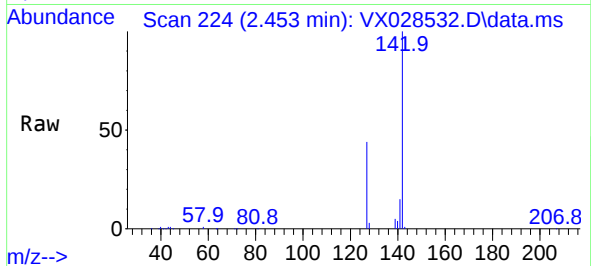
Tgt Ion: 96 Resp: 45446
Ion Ratio Lower Upper
96 100
61 148.1 122.6 183.8
98 65.6 50.1 75.1





#11
Methyl Iodide
Concen: 17.259 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

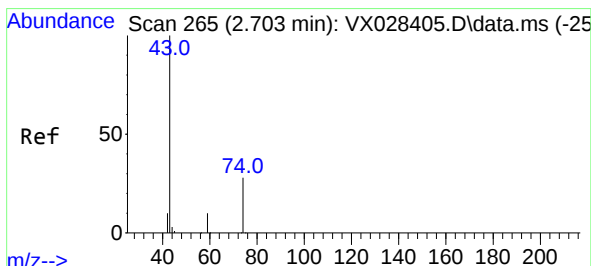
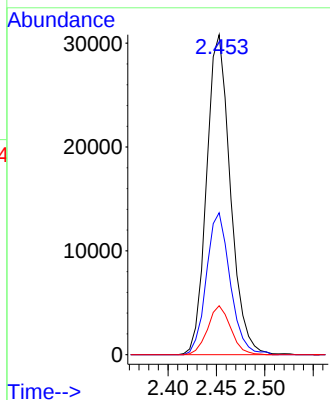
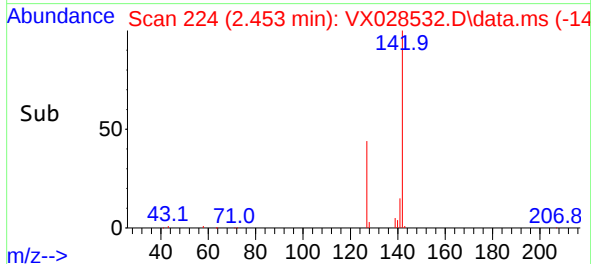
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



Tgt Ion:142 Resp: 52804
Ion Ratio Lower Upper
142 100
127 44.4 22.3 66.9
141 15.3 7.0 20.9

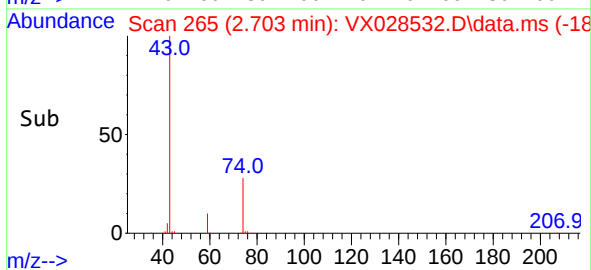
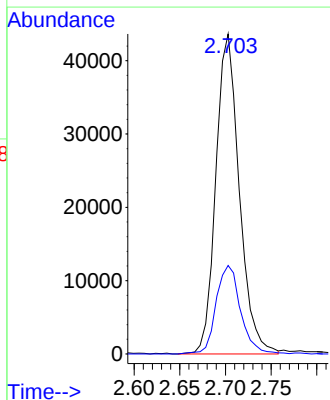
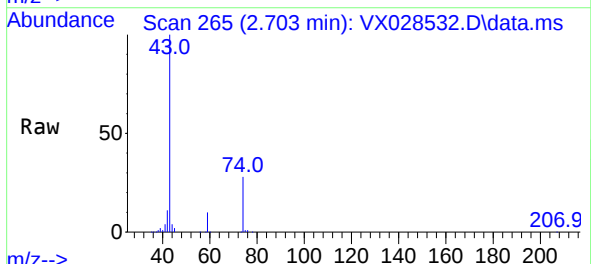
Manual Integrations
APPROVED

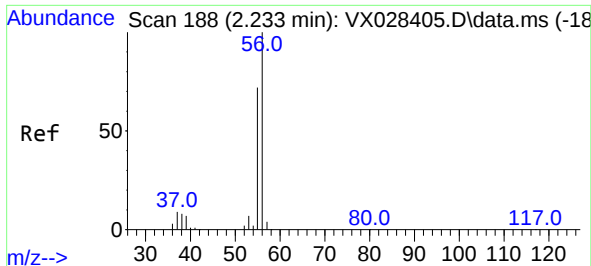
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#12
Methyl Acetate
Concen: 21.424 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

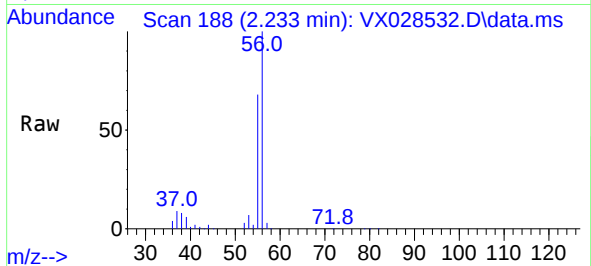
Tgt Ion: 43 Resp: 77911
Ion Ratio Lower Upper
43 100
74 27.6 22.1 33.1





#13
Acrolein
Concen: 95.220 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

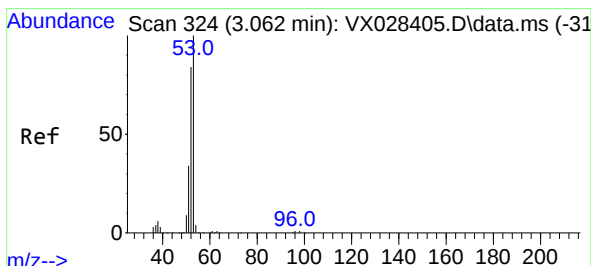
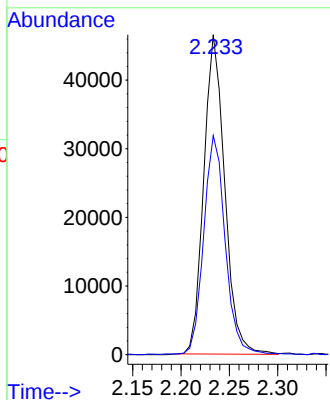
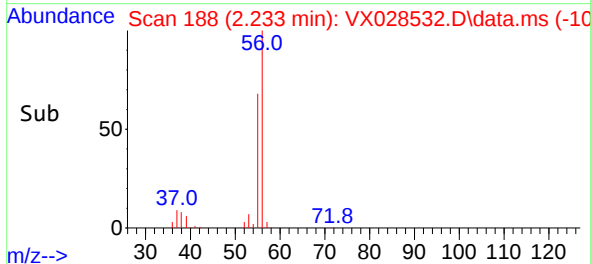
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



Tgt Ion: 56 Resp: 70264
Ion Ratio Lower Upper
56 100
55 70.4 56.4 84.6

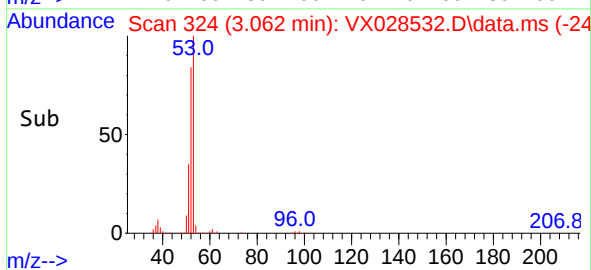
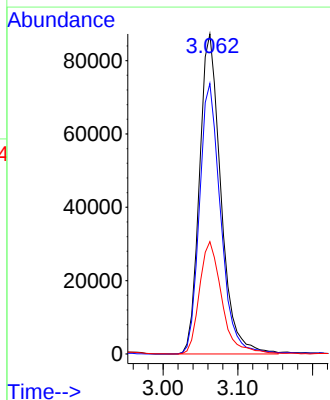
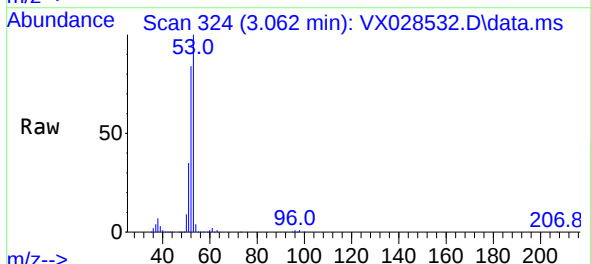
Manual Integrations
APPROVED

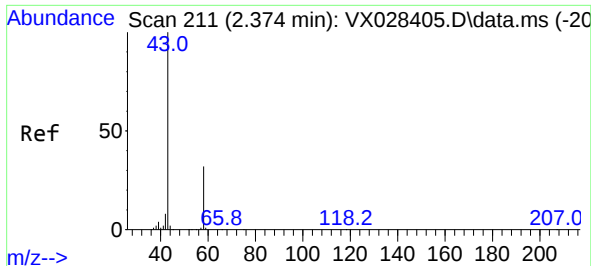
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#14
Acrylonitrile
Concen: 105.176 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

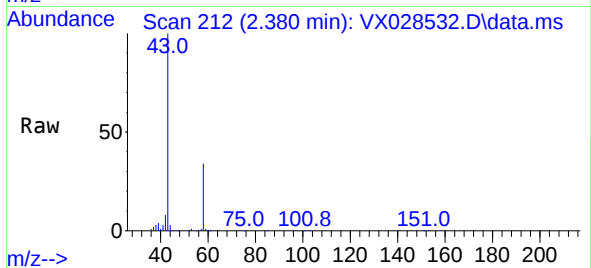
Tgt Ion: 53 Resp: 174129
Ion Ratio Lower Upper
53 100
52 83.6 41.5 124.5
51 36.6 18.1 54.4





#15
Acetone
Concen: 118.699 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

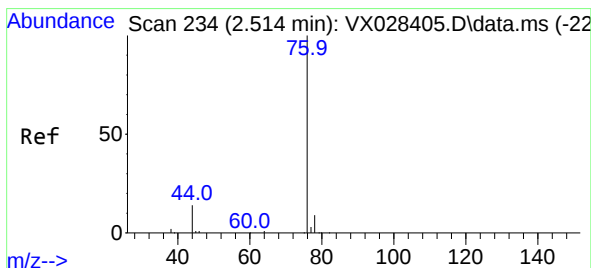
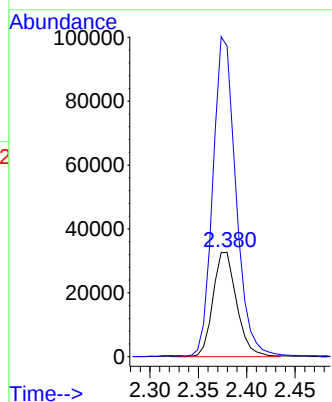
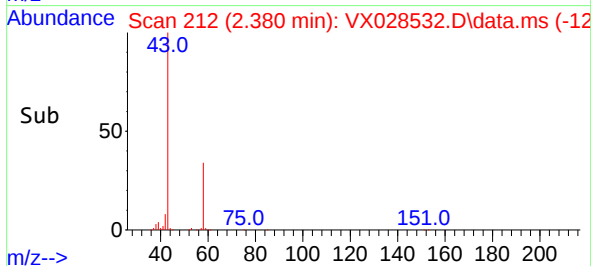
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



Tgt Ion: 58 Resp: 5565
Ion Ratio Lower Upper
58 100
43 296.7 250.2 375.2

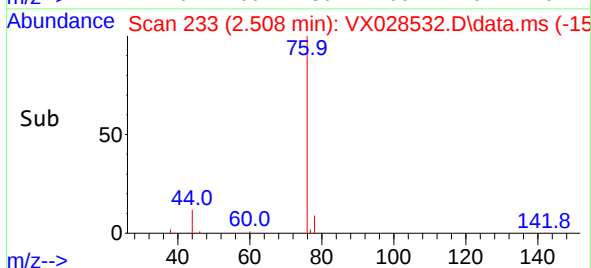
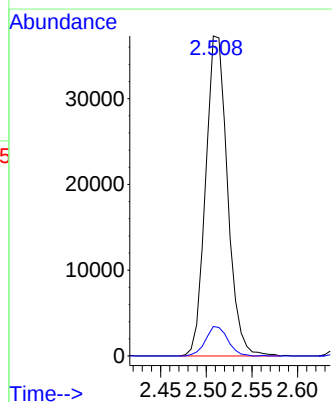
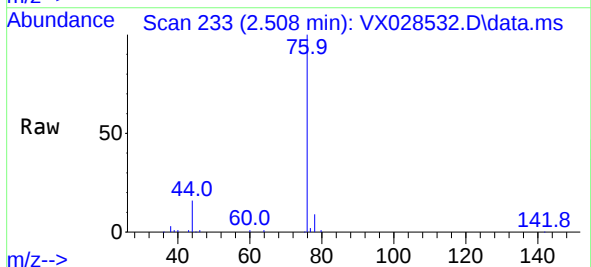
Manual Integrations
APPROVED

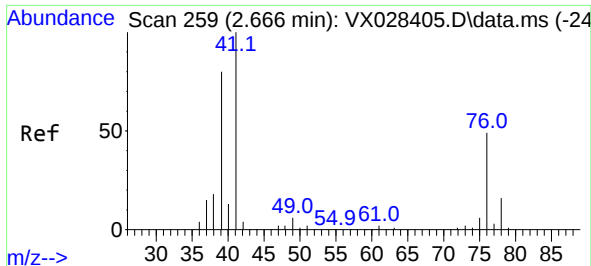
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#16
Carbon Disulfide
Concen: 23.043 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

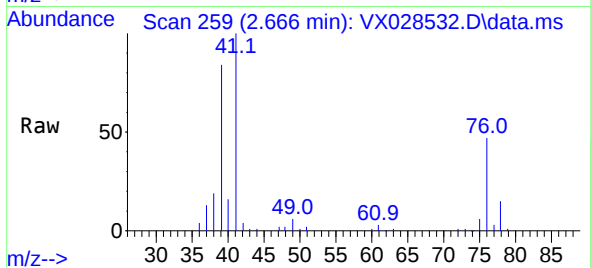
Tgt Ion: 76 Resp: 62037
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7





#17
 Allyl chloride
 Concen: 20.202 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX028532.D
 Acq: 05 May 2022 14:18

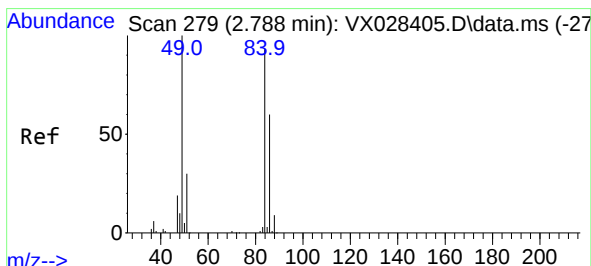
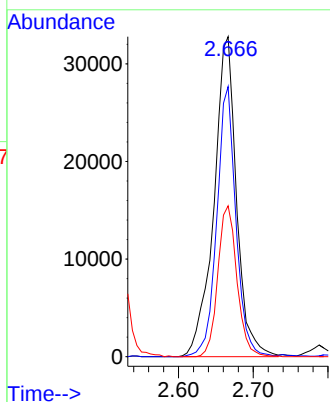
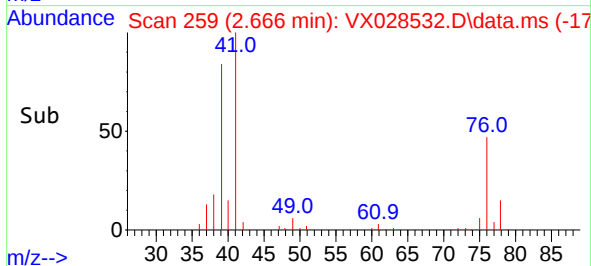
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01



Tgt Ion: 41 Resp: 6915
 Ion Ratio Lower Upper
 41 100
 39 84.4 35.4 106.1
 76 47.1 18.4 55.4

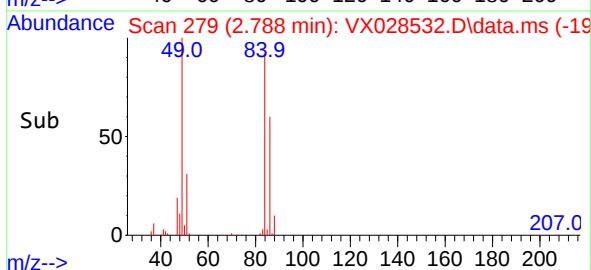
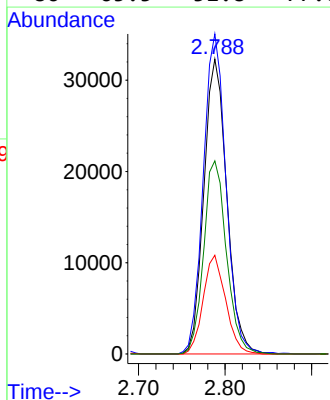
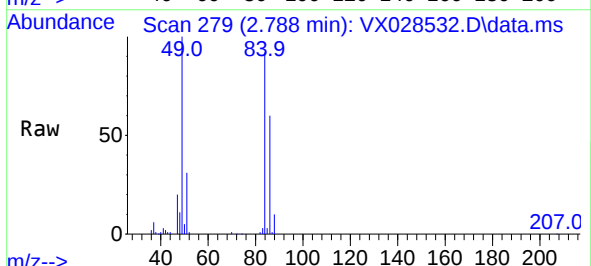
Manual Integrations
 APPROVED

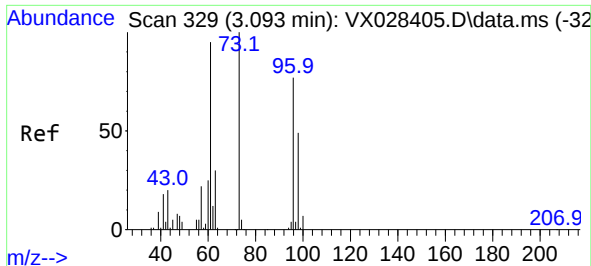
Reviewed By :John Carlone 05/06/2022
 Supervised By :Mahesh Dadoda 05/06/2022



#18
 Methylene Chloride
 Concen: 20.321 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX028532.D
 Acq: 05 May 2022 14:18

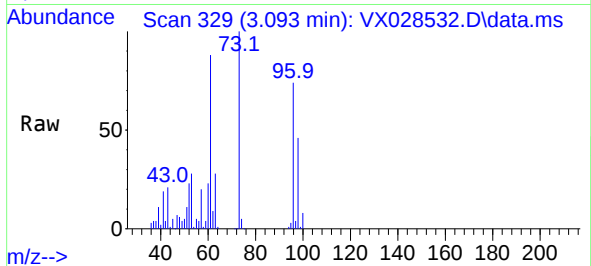
Tgt Ion: 84 Resp: 59476
 Ion Ratio Lower Upper
 84 100
 49 108.5 94.2 141.2
 51 33.5 29.2 43.8
 86 65.5 51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 20.465 ug/l
RT: 3.093 min Scan# 319
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

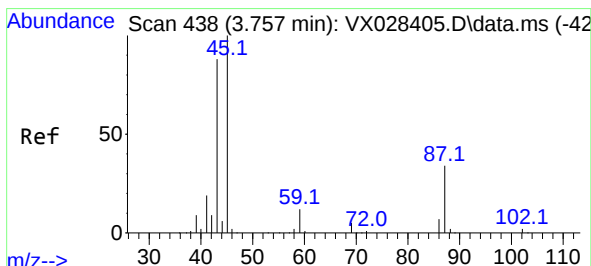
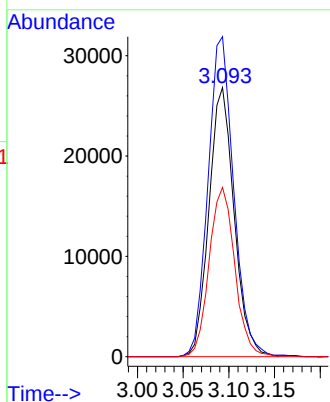
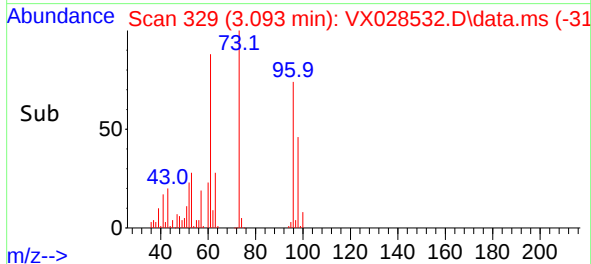
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



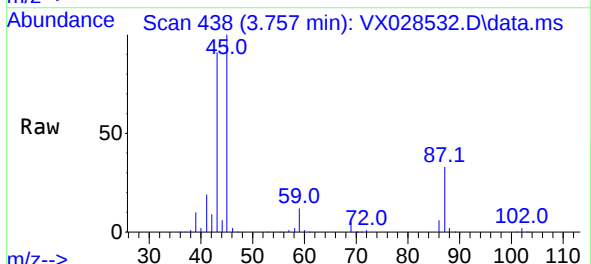
Tgt Ion: 96 Resp: 5150
Ion Ratio Lower Upper
96 100
61 118.9 108.7 163.1
98 62.9 49.2 73.8

Manual Integrations
APPROVED

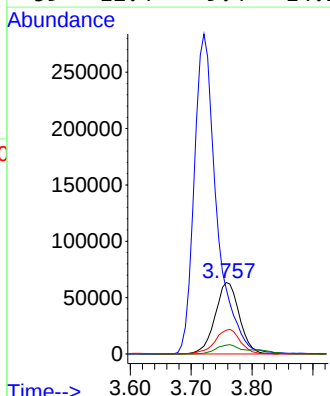
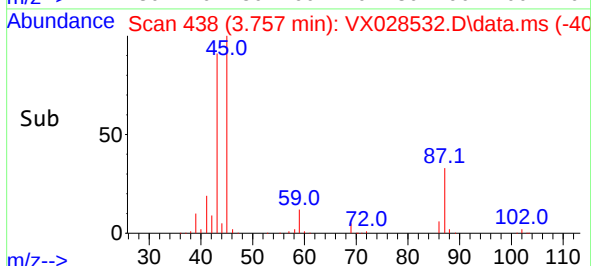
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

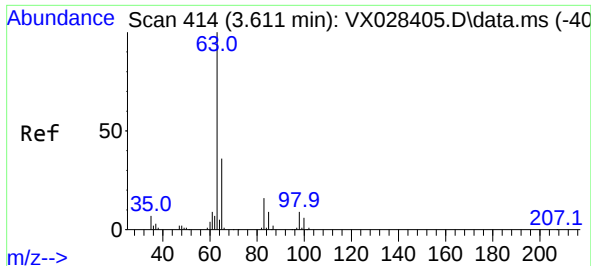


#20
Diisopropyl ether
Concen: 20.560 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



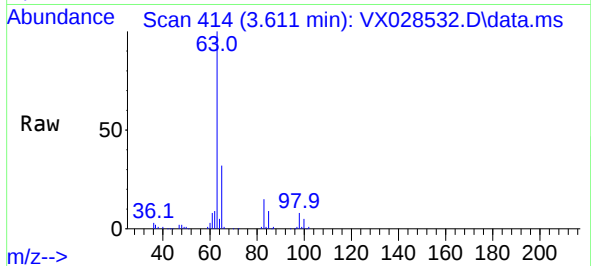
Tgt Ion: 45 Resp: 174919
Ion Ratio Lower Upper
45 100
43 89.7 70.3 105.5
87 33.2 24.5 36.7
59 12.4 9.4 14.2





#21
1,1-Dichloroethane
Concen: 20.527 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

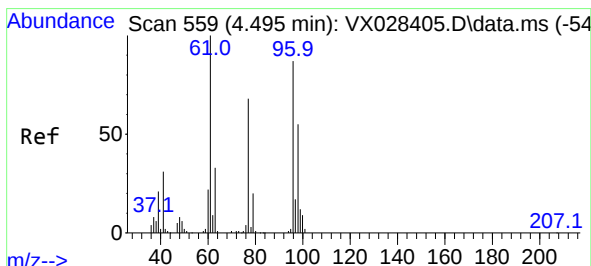
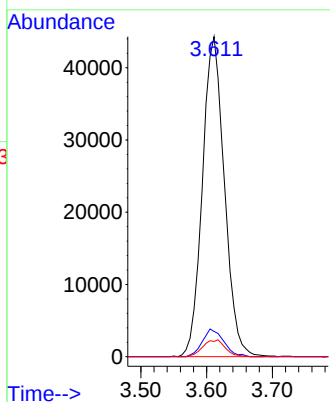
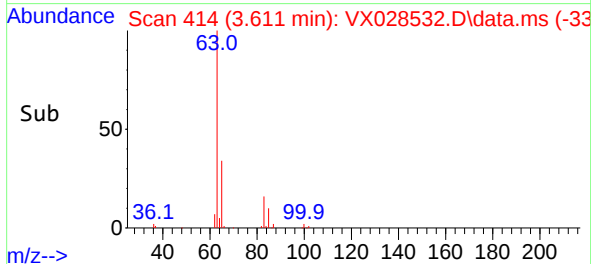
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



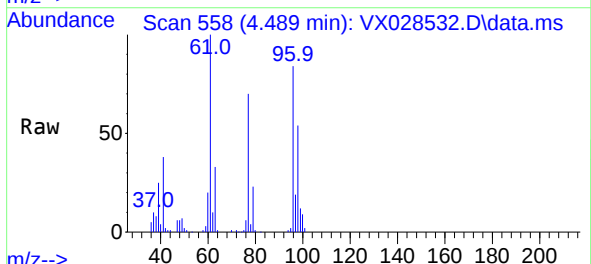
Tgt Ion: 63 Resp: 103219
Ion Ratio Lower Upper
63 100
98 7.9 3.8 11.2
100 4.8 2.5 7.5

Manual Integrations
APPROVED

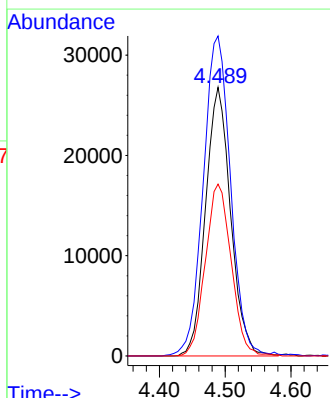
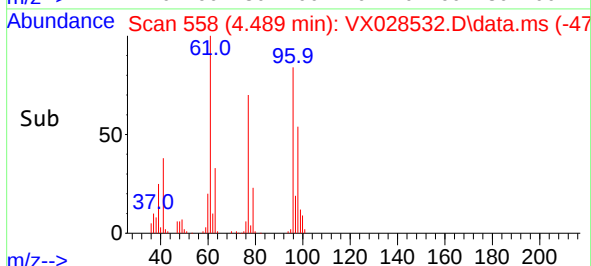
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

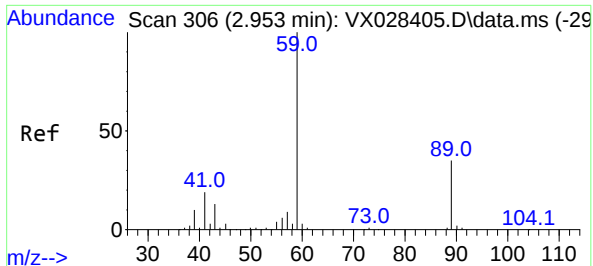


#22
cis-1,2-Dichloroethene
Concen: 20.064 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



Tgt Ion: 96 Resp: 71080
Ion Ratio Lower Upper
96 100
61 129.5 107.4 161.2
98 65.7 51.1 76.7





#23

tert-Butyl Alcohol

Concen: 96.775 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX028532.D

Acq: 05 May 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

Tgt Ion: 59 Resp: 8653

Ion Ratio Lower Upper

59 100

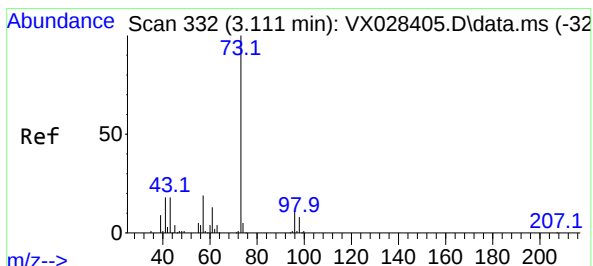
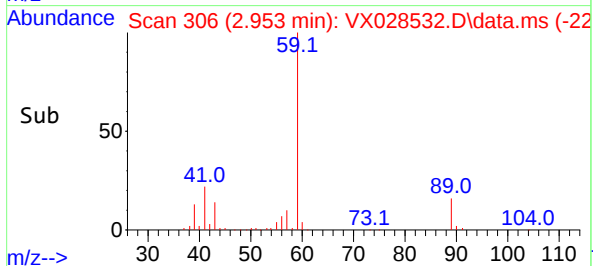
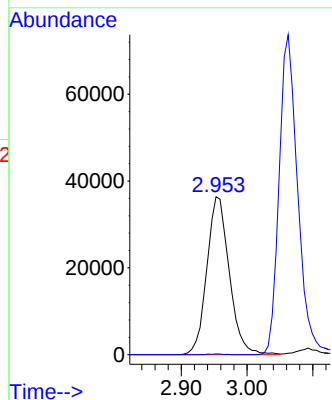
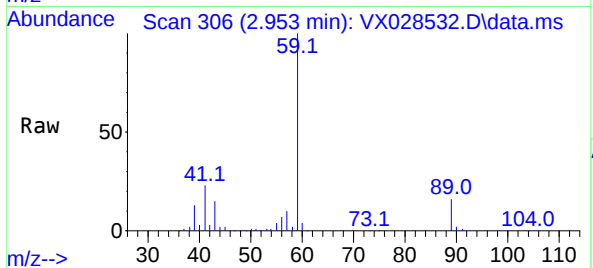
52 0.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2022

Supervised By :Mahesh Dadoda 05/06/2022



#24

Methyl tert-Butyl Ether

Concen: 20.185 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX028532.D

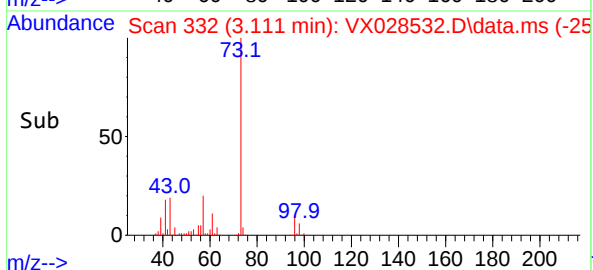
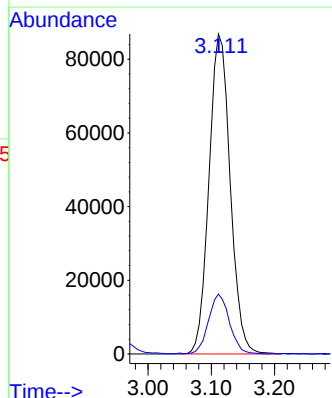
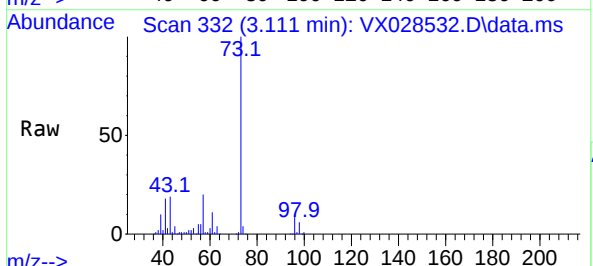
Acq: 05 May 2022 14:18

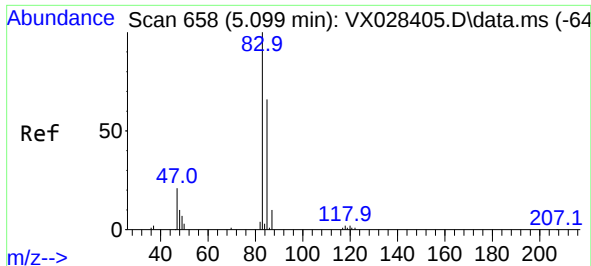
Tgt Ion: 73 Resp: 202172

Ion Ratio Lower Upper

73 100

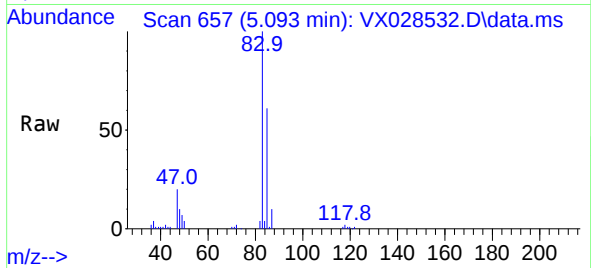
43 18.5 16.0 24.0





#25
Chloroform
Concen: 20.746 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

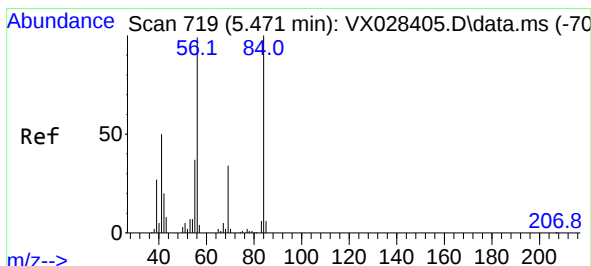
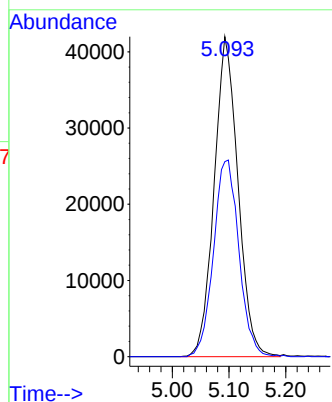
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



Tgt Ion: 83 Resp: 122584
Ion Ratio Lower Upper
83 100
85 61.0 49.9 74.9

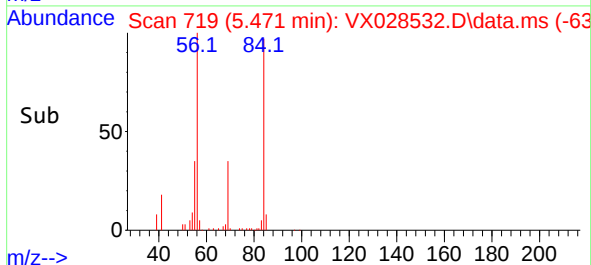
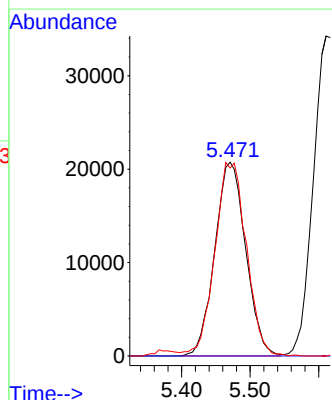
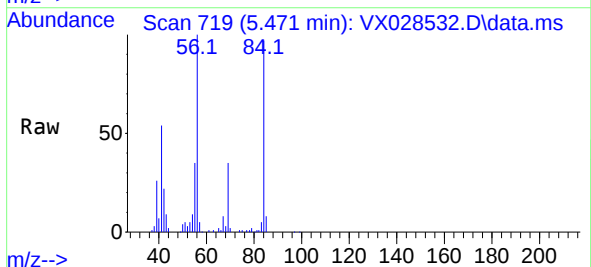
Manual Integrations
APPROVED

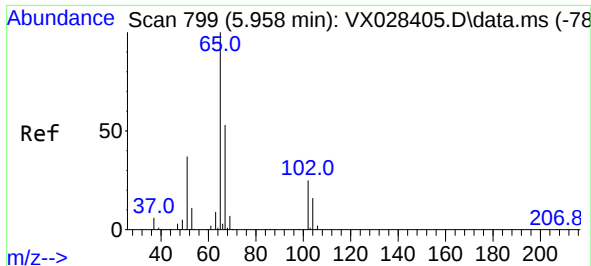
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#26
Cyclohexane
Concen: 20.430 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

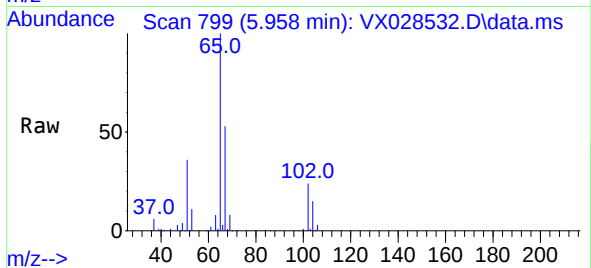
Tgt Ion: 56 Resp: 64949
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 101.6 76.2 114.2





#27
1,2-Dichloroethane-d4
Concen: 30.631 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

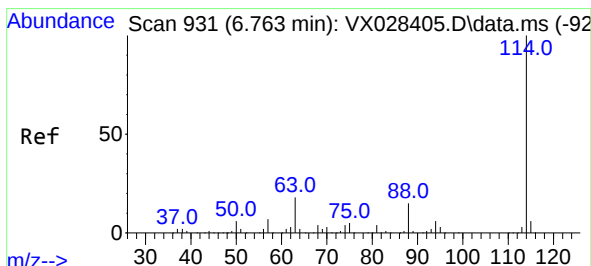
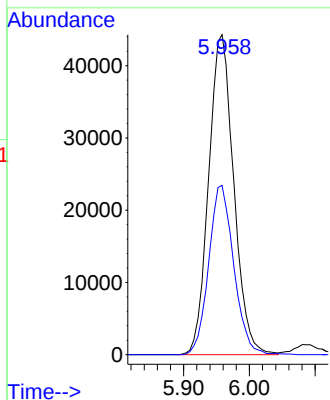
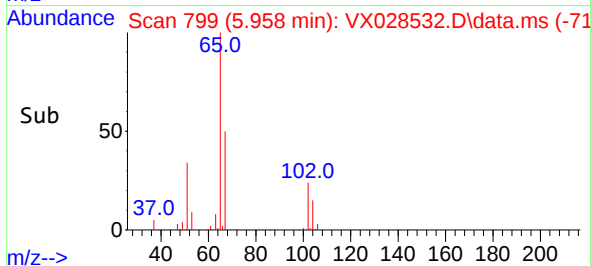
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



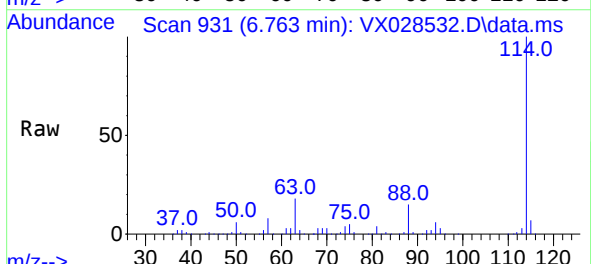
Tgt Ion: 65 Resp: 11770
Ion Ratio Lower Upper
65 100
67 52.6 42.3 63.5

Manual Integrations
APPROVED

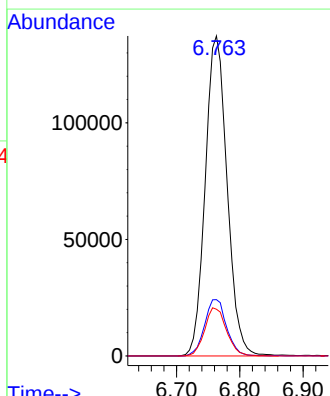
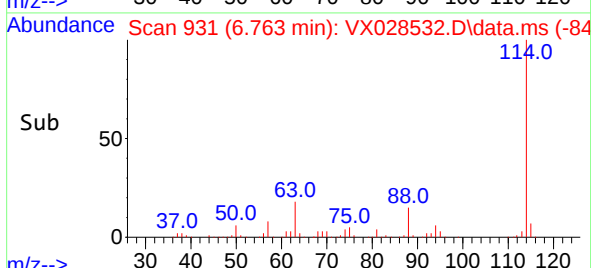
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

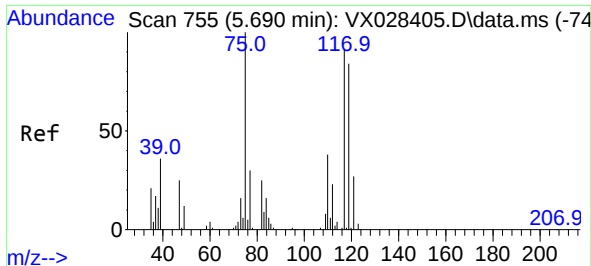


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



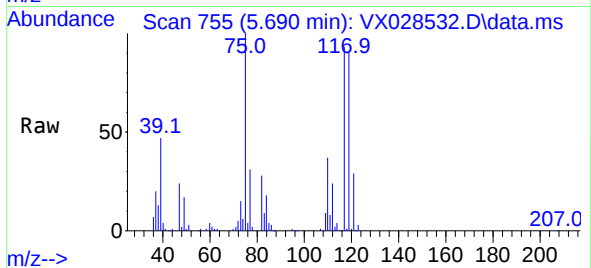
Tgt Ion:114 Resp: 329527
Ion Ratio Lower Upper
114 100
63 17.7 15.3 22.9
88 15.0 12.2 18.4





#29
1,1-Dichloropropene
Concen: 20.647 ug/l
RT: 5.690 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

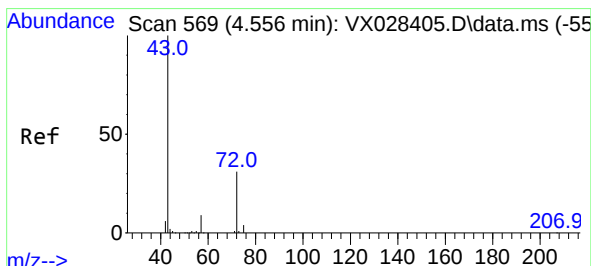
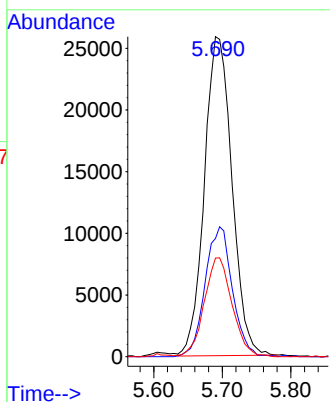
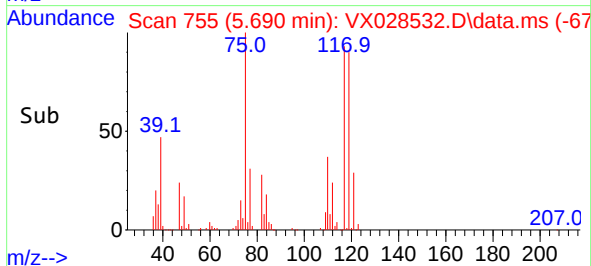
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



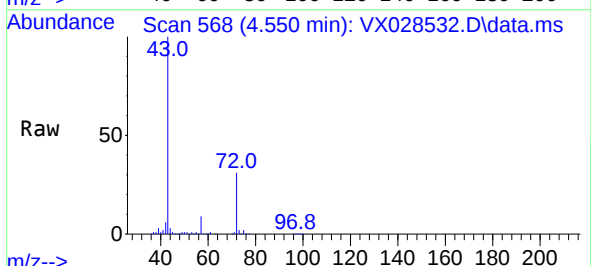
Tgt Ion: 75 Resp: 7236
Ion Ratio Lower Upper
75 100
110 40.1 0.0 73.6
77 30.6 0.0 62.2

Manual Integrations
APPROVED

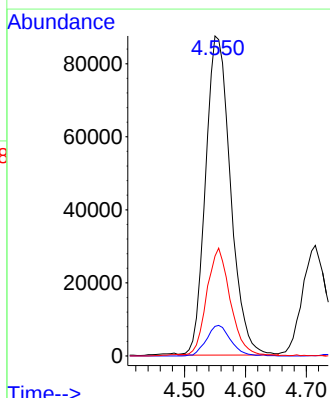
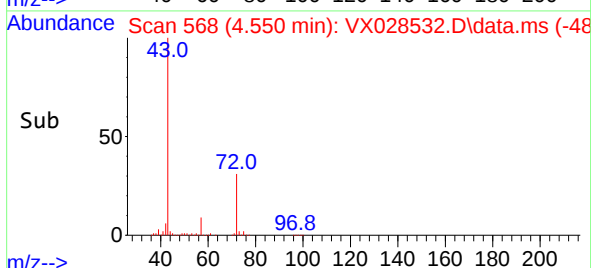
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

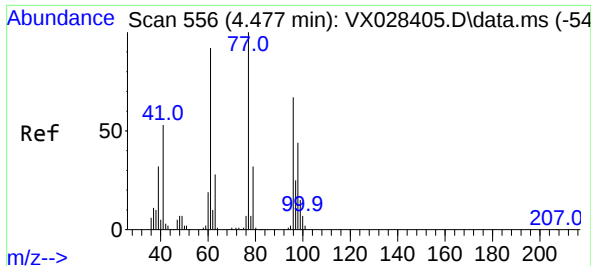


#30
2-Butanone
Concen: 112.496 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



Tgt Ion: 43 Resp: 248506
Ion Ratio Lower Upper
43 100
57 9.3 6.6 10.0
72 32.2 22.1 33.1





#31

2,2-Dichloropropane

Concen: 19.938 ug/l

RT: 4.477 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX028532.D

Acq: 05 May 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

Tgt Ion: 77 Resp: 85820

Ion Ratio Lower Upper

77 100

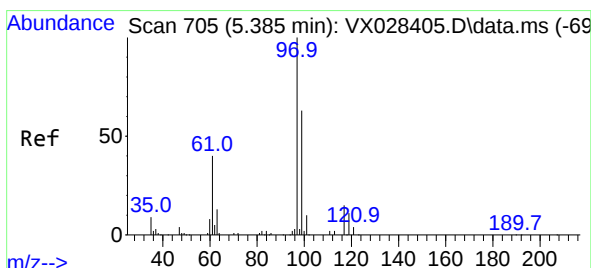
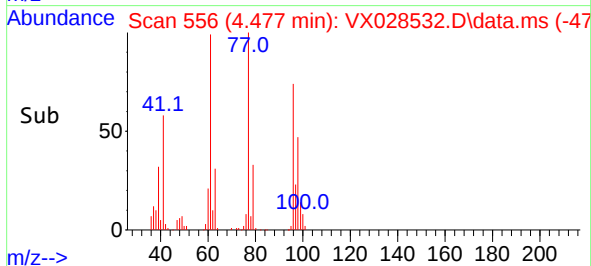
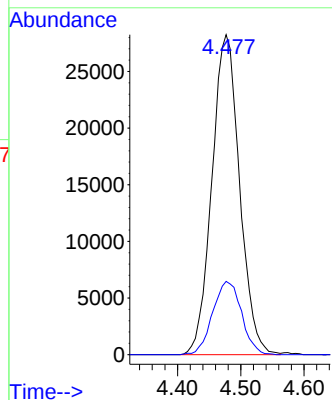
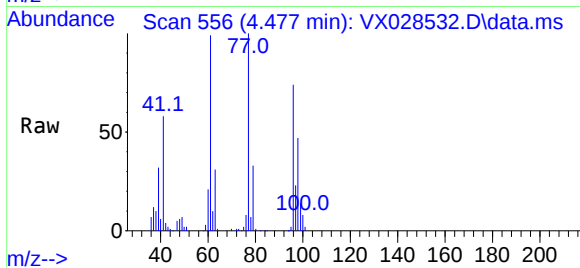
97 23.9 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2022

Supervised By :Mahesh Dadoda 05/06/2022



#32

1,1,1-Trichloroethane

Concen: 20.561 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX028532.D

Acq: 05 May 2022 14:18

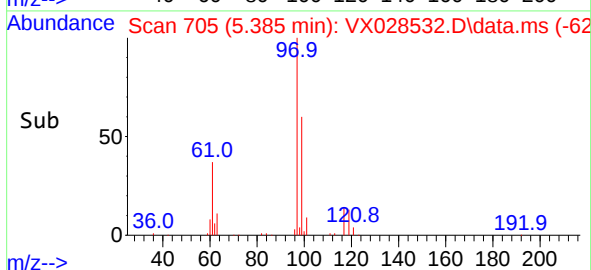
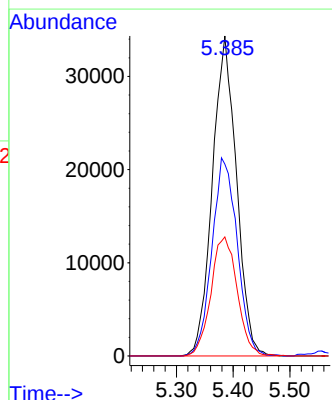
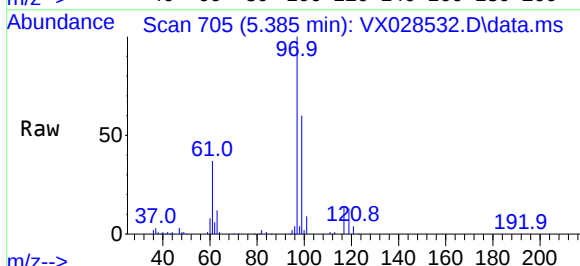
Tgt Ion: 97 Resp: 101327

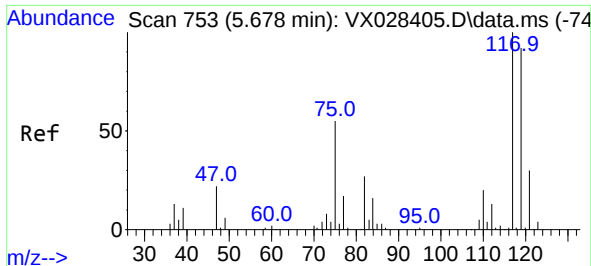
Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.8

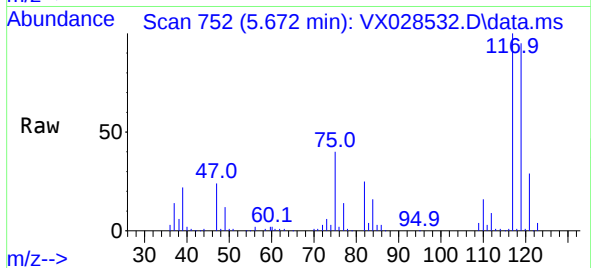
61 40.5 33.4 50.0





#33
Carbon Tetrachloride
Concen: 20.761 ug/l
RT: 5.672 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

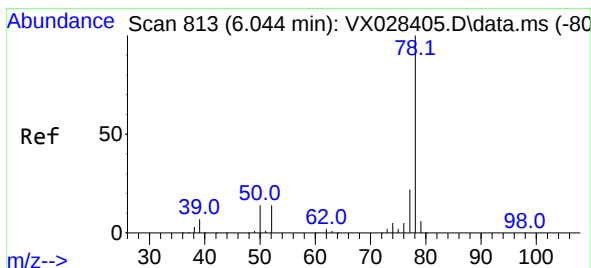
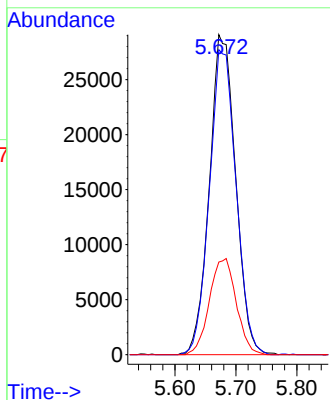
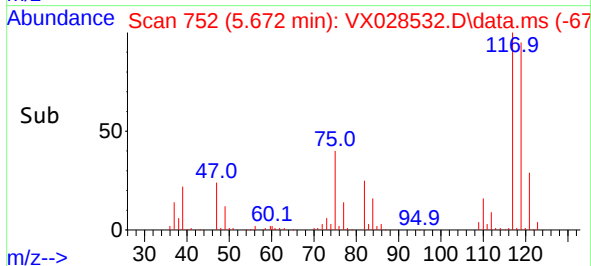
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



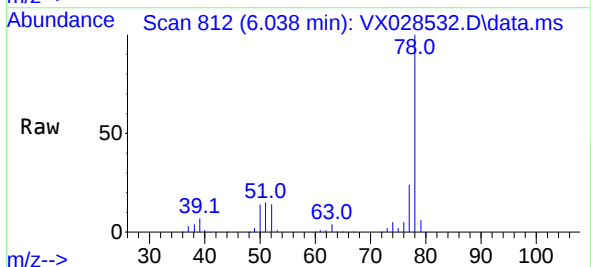
Tgt Ion:117 Resp: 87064
Ion Ratio Lower Upper
117 100
119 95.3 75.3 112.9
121 28.9 24.1 36.1

Manual Integrations
APPROVED

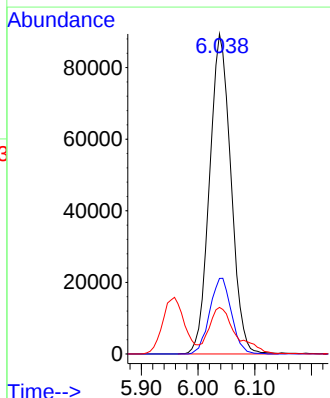
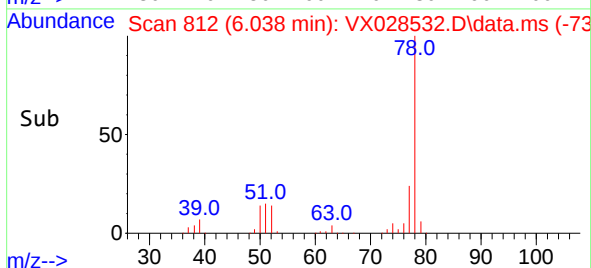
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

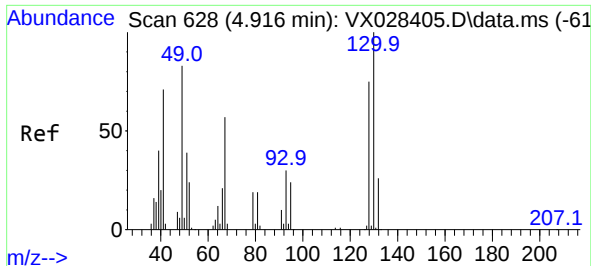


#34
Benzene
Concen: 20.964 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



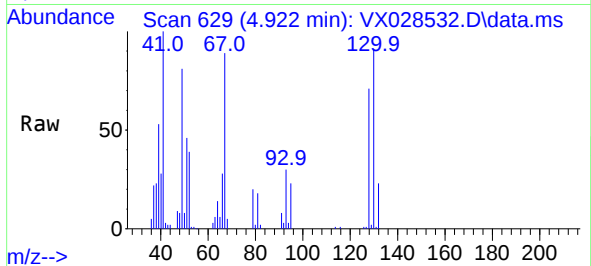
Tgt Ion: 78 Resp: 234034
Ion Ratio Lower Upper
78 100
77 23.6 18.5 27.7
51 14.4 12.9 19.3





#35
Methacrylonitrile
Concen: 20.597 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

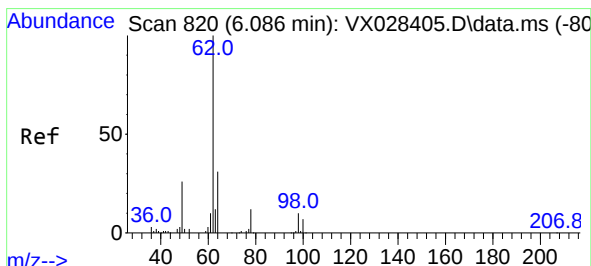
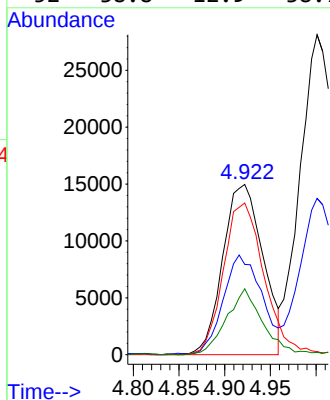
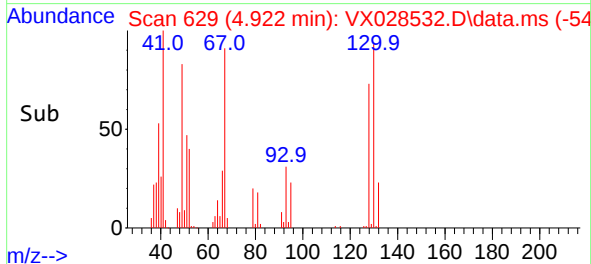
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



Tgt Ion: 41 Resp: 4582
Ion Ratio Lower Upper
41 100
39 52.2 27.0 81.0
67 89.1 33.3 99.8
52 38.8 12.9 38.7#

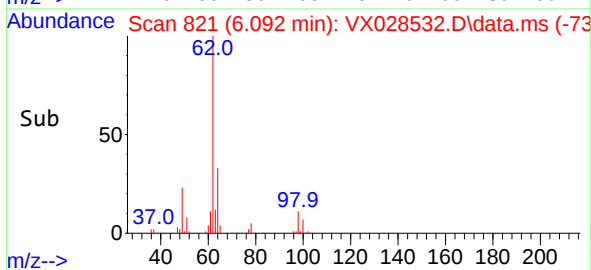
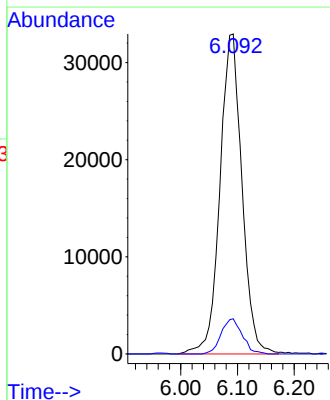
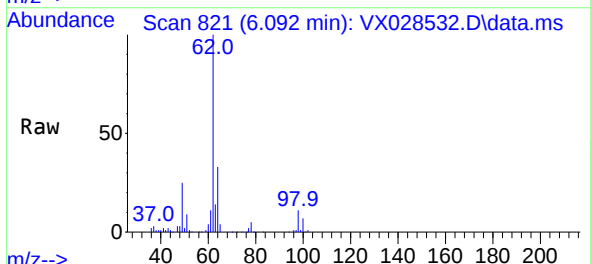
Manual Integrations
APPROVED

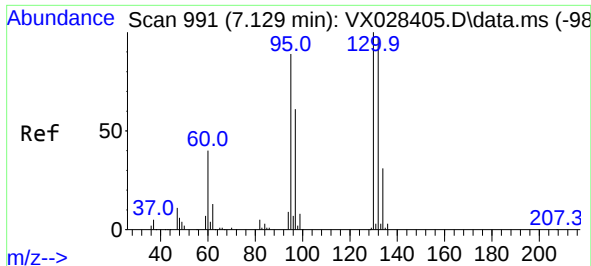
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#36
1,2-Dichloroethane
Concen: 21.288 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

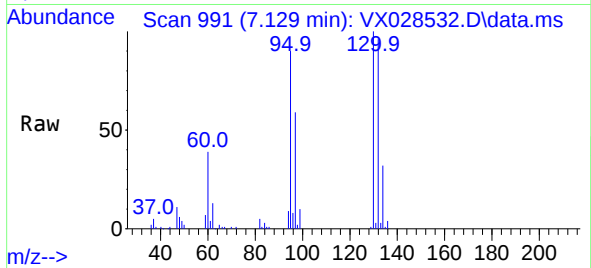
Tgt Ion: 62 Resp: 88564
Ion Ratio Lower Upper
62 100
98 10.6 7.4 11.0





#37
Trichloroethene
Concen: 20.215 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

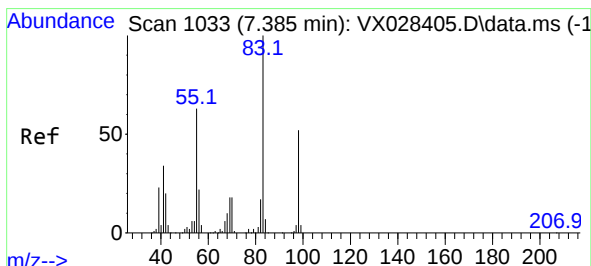
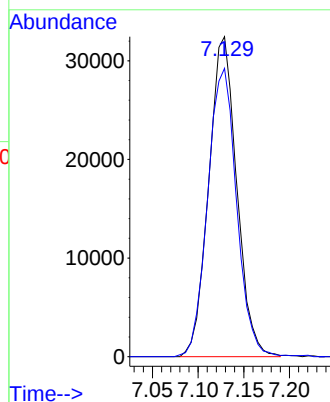
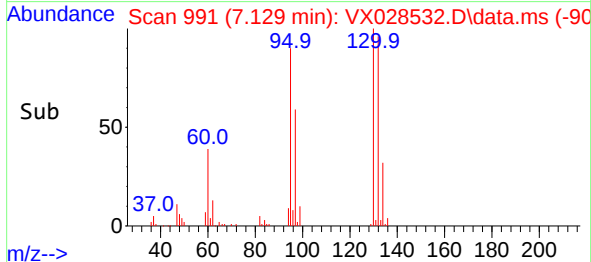
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



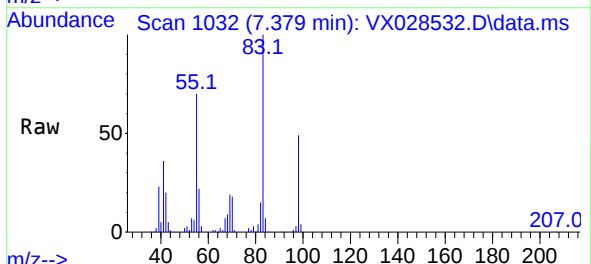
Tgt Ion:130 Resp: 69124
Ion Ratio Lower Upper
130 100
95 89.7 76.5 114.7

Manual Integrations
APPROVED

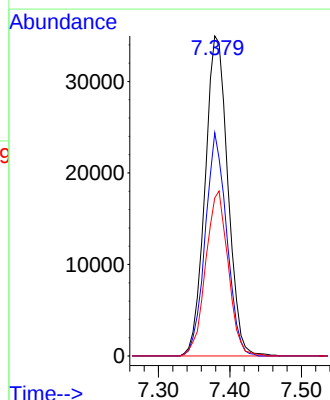
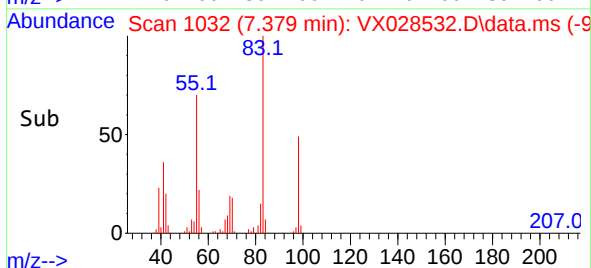
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

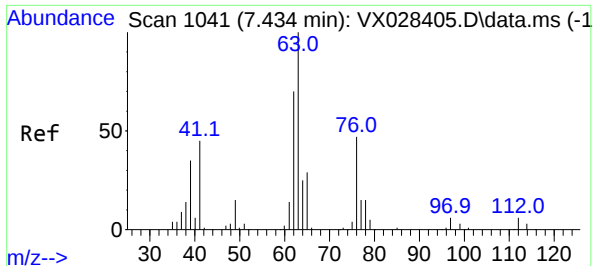


#38
Methylcyclohexane
Concen: 21.596 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



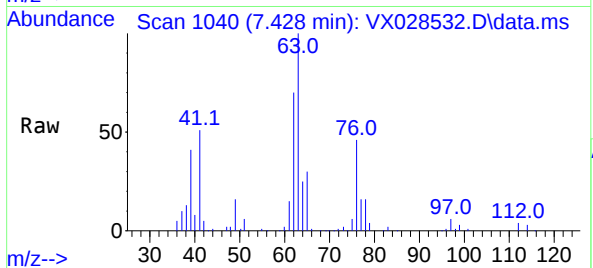
Tgt Ion: 83 Resp: 77520
Ion Ratio Lower Upper
83 100
55 65.6 37.0 110.9
98 50.9 25.9 77.8





#39
1,2-Dichloropropane
Concen: 20.754 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

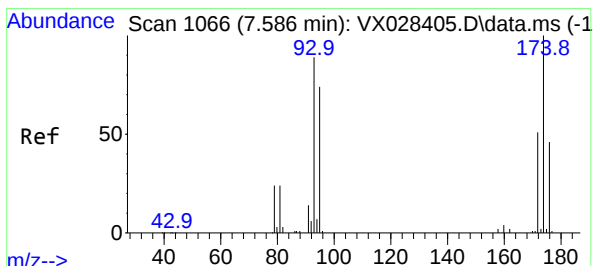
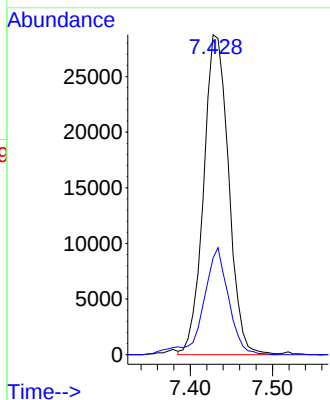
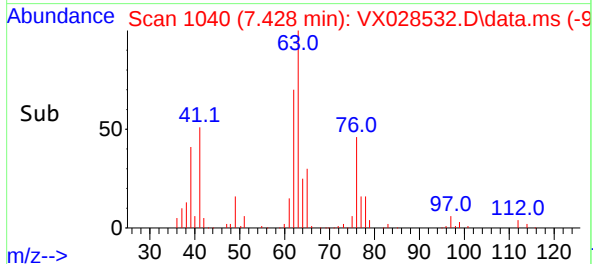
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



Tgt Ion: 63 Resp: 6090
Ion Ratio Lower Upper
63 100
65 30.3 25.4 38.2

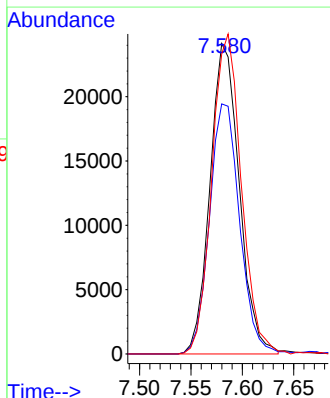
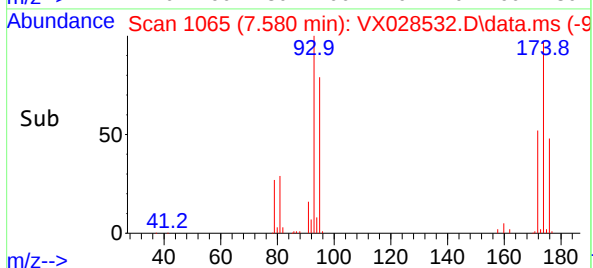
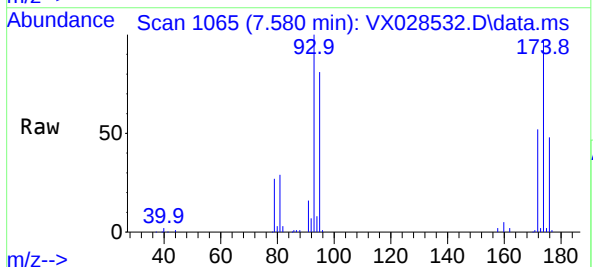
Manual Integrations
APPROVED

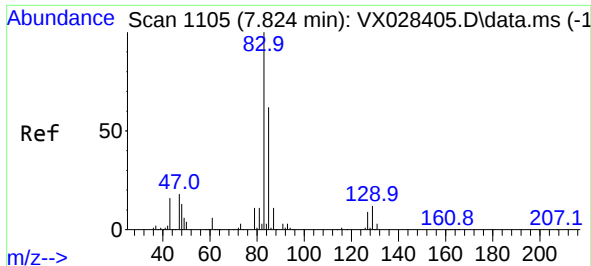
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#40
Dibromomethane
Concen: 21.251 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

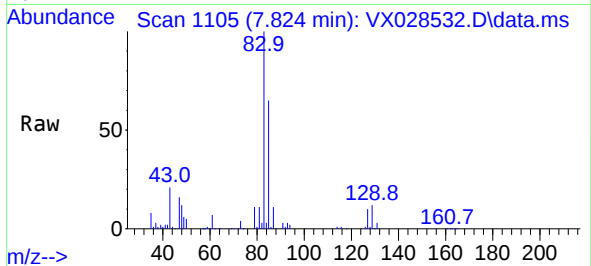
Tgt Ion: 93 Resp: 47832
Ion Ratio Lower Upper
93 100
95 82.9 0.0 168.8
174 103.8 0.0 220.8





#41
Bromodichloromethane
Concen: 21.730 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

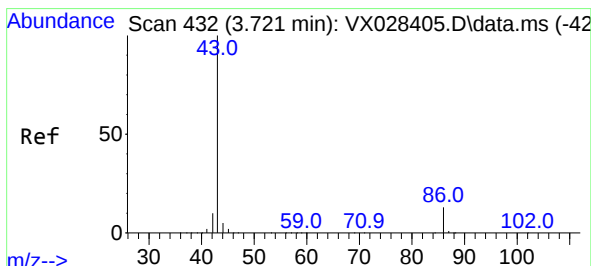
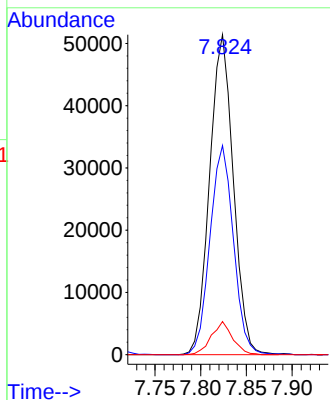
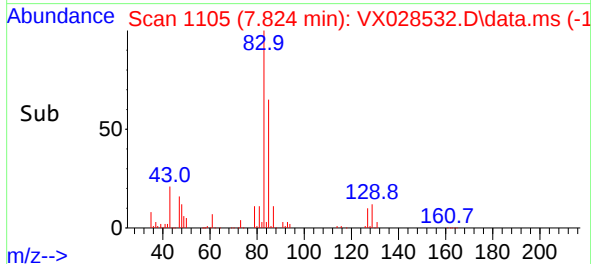
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



Tgt Ion: 83 Resp: 92810
Ion Ratio Lower Upper
83 100
85 65.3 50.6 75.8
127 10.3 7.0 10.6

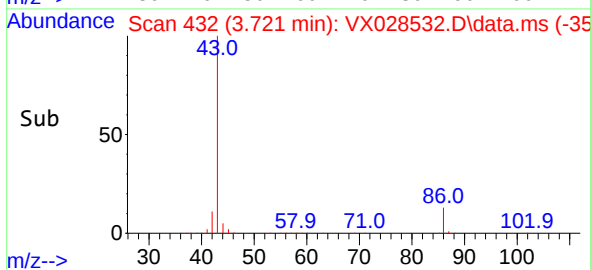
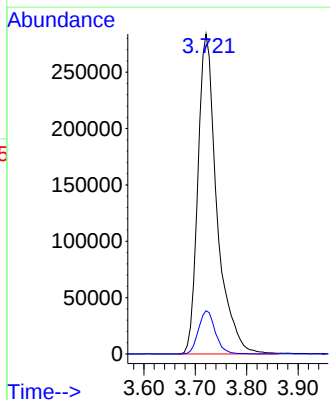
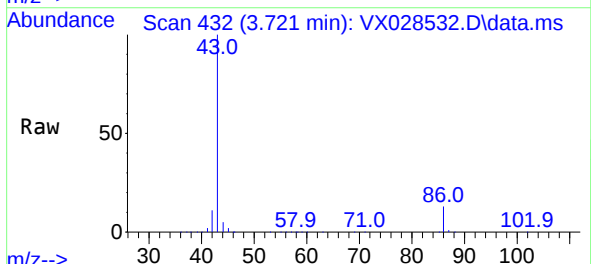
Manual Integrations
APPROVED

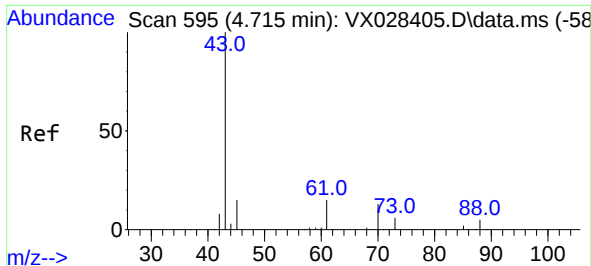
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#42
Vinyl Acetate
Concen: 106.425 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

Tgt Ion: 43 Resp: 728597
Ion Ratio Lower Upper
43 100
86 11.9 8.5 12.7





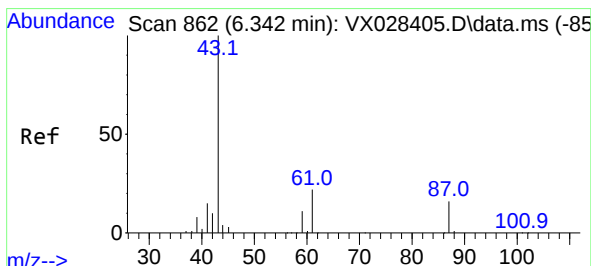
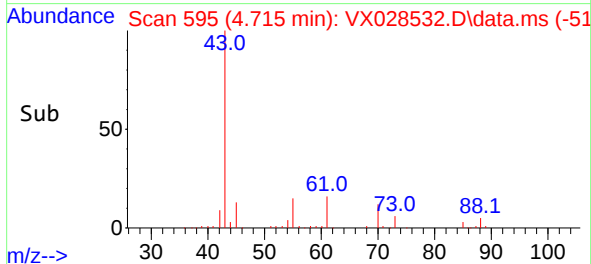
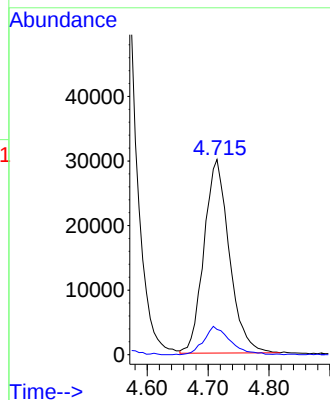
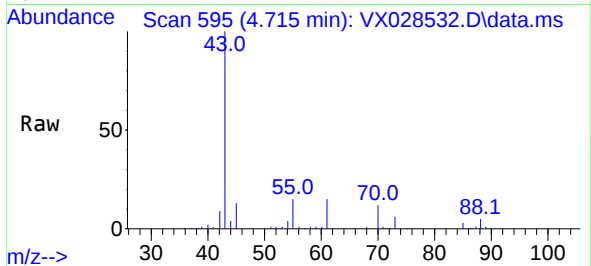
#43
Ethyl Acetate
Concen: 20.927 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Tgt Ion: 43 Resp: 86508
Ion Ratio Lower Upper
43 100
45 15.1 11.8 17.6

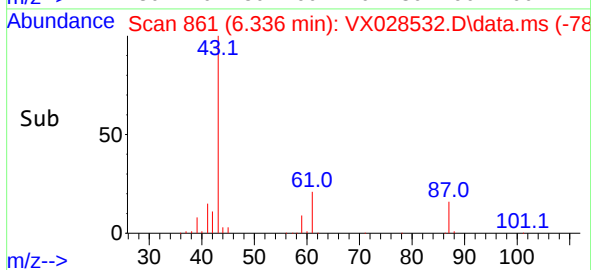
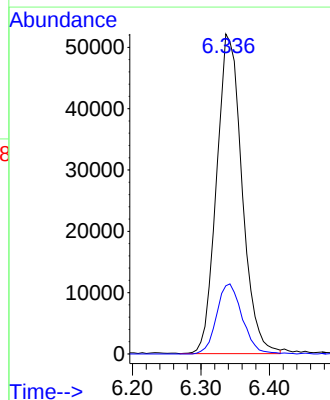
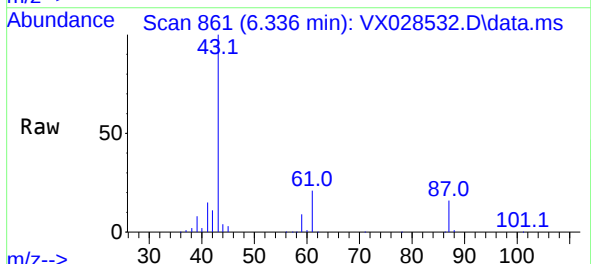
Manual Integrations
APPROVED

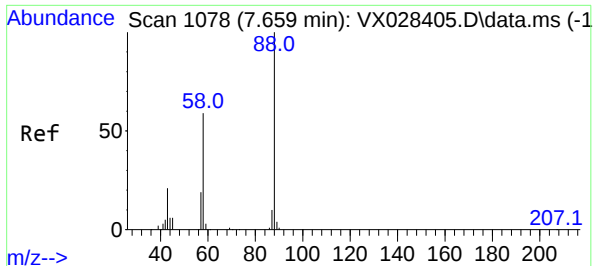
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#44
Isopropyl Acetate
Concen: 20.125 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

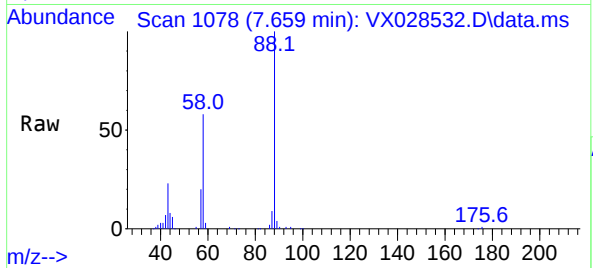
Tgt Ion: 43 Resp: 134134
Ion Ratio Lower Upper
43 100
61 22.1 17.0 25.4





#45
1,4-Dioxane
Concen: 446.742 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

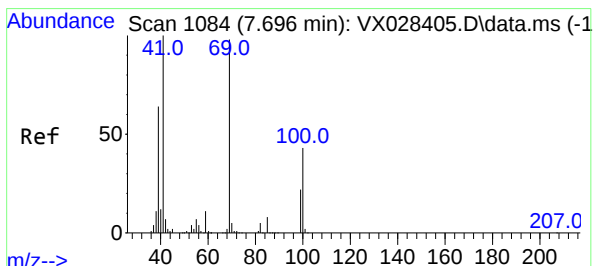
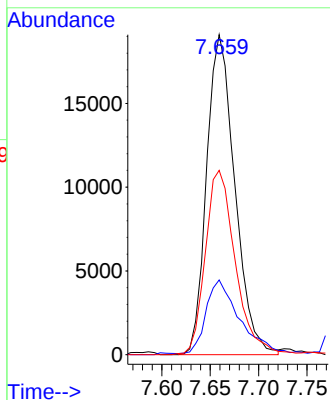
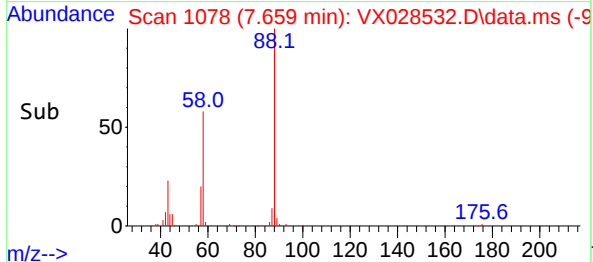
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



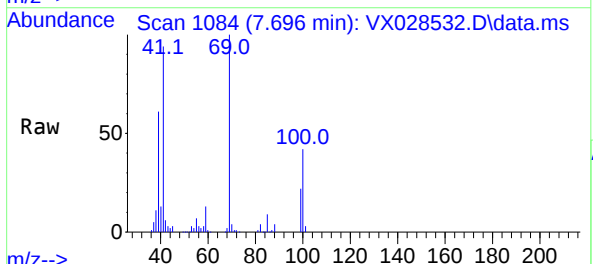
Tgt Ion: 88 Resp: 38774
Ion Ratio Lower Upper
88 100
43 27.1 25.8 38.6
58 61.4 54.8 82.2

Manual Integrations
APPROVED

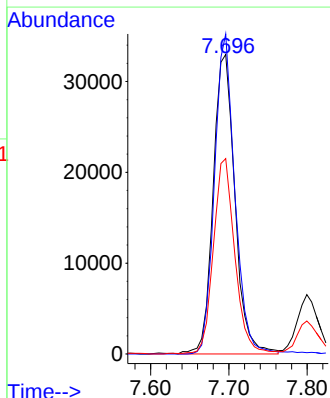
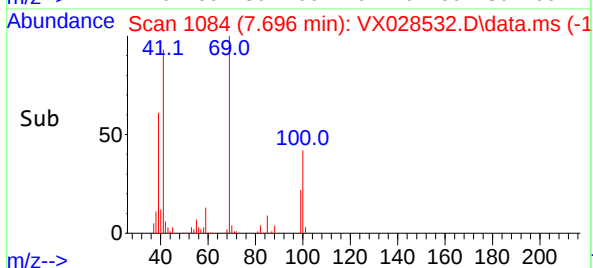
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

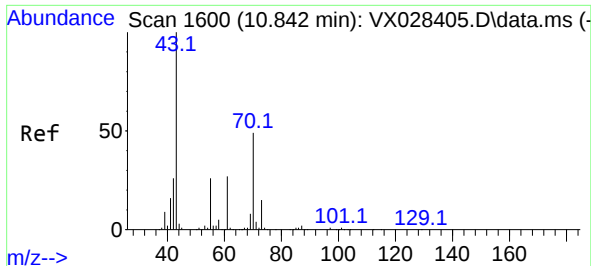


#46
Methyl methacrylate
Concen: 20.926 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



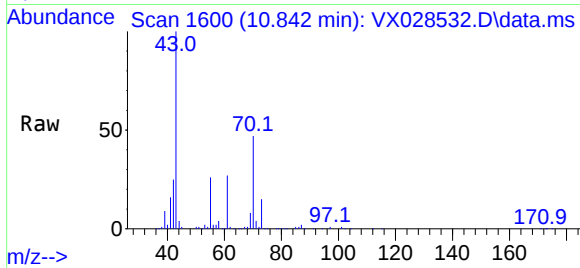
Tgt Ion: 41 Resp: 63742
Ion Ratio Lower Upper
41 100
69 106.8 41.9 125.8
39 65.1 27.5 82.5





#47
n-amy1 Acetate
Concen: 20.288 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

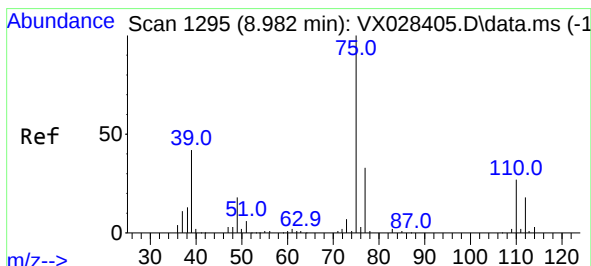
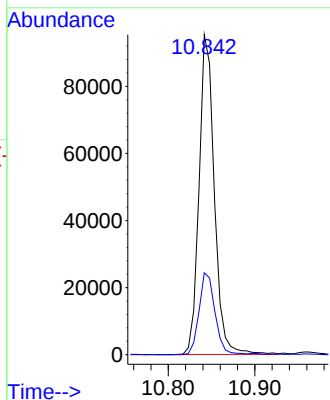
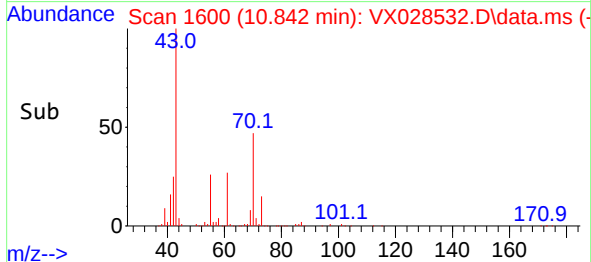
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



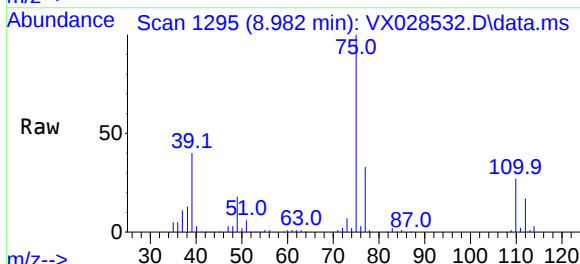
Tgt Ion: 43 Resp: 117073
Ion Ratio Lower Upper
43 100
55 26.5 20.4 30.6

Manual Integrations
APPROVED

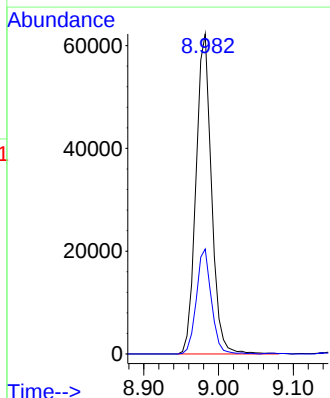
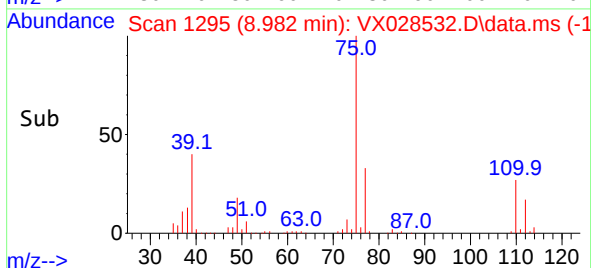
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

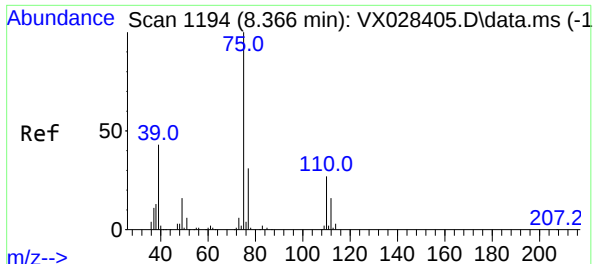


#48
t-1,3-Dichloropropene
Concen: 20.008 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



Tgt Ion: 75 Resp: 89757
Ion Ratio Lower Upper
75 100
77 32.8 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 20.287 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028532.D

Acq: 05 May 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

Tgt Ion: 75 Resp: 9778

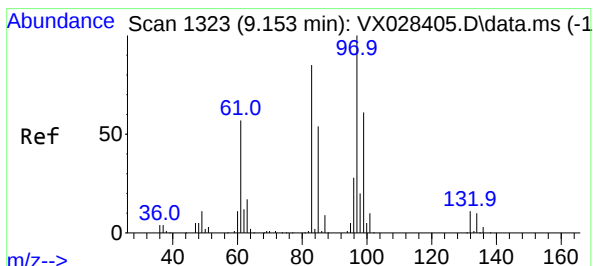
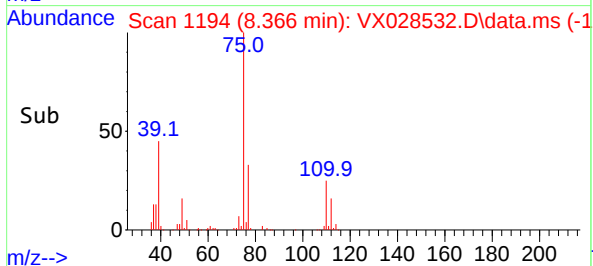
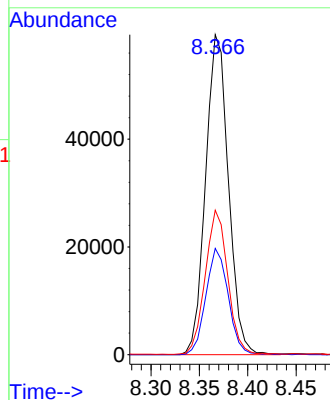
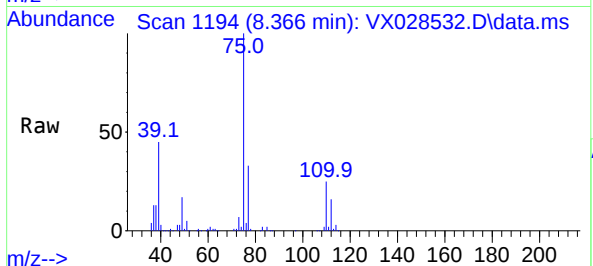
Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.2	37.8
39	44.9	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2022

Supervised By :Mahesh Dadoda 05/06/2022



#50

1,1,2-Trichloroethane

Concen: 20.806 ug/l

RT: 9.153 min Scan# 1323

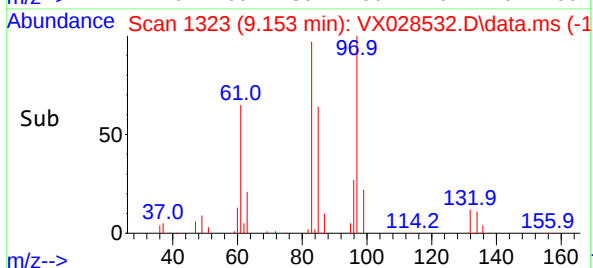
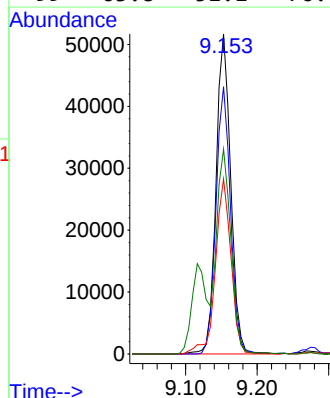
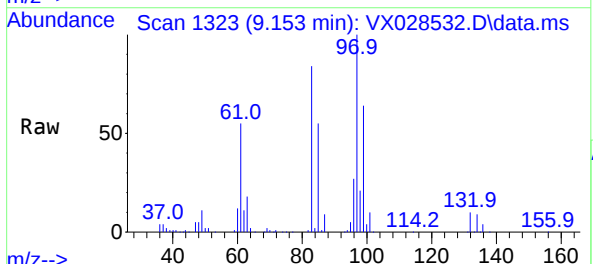
Delta R.T. 0.000 min

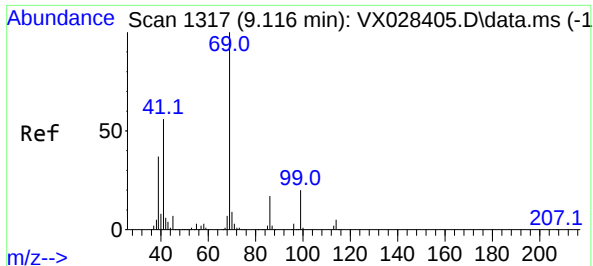
Lab File: VX028532.D

Acq: 05 May 2022 14:18

Tgt Ion: 97 Resp: 73641

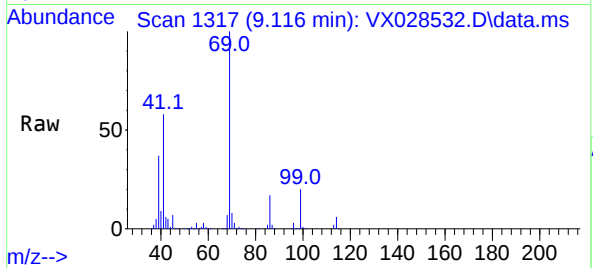
Ion	Ratio	Lower	Upper
97	100		
83	83.5	66.2	99.4
85	54.7	40.4	60.6
99	63.8	51.1	76.7





#51
Ethyl methacrylate
Concen: 20.400 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

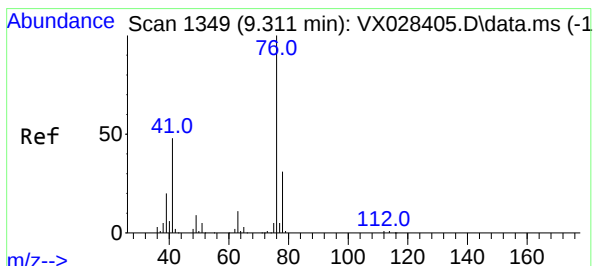
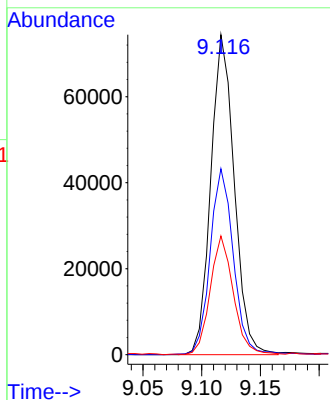
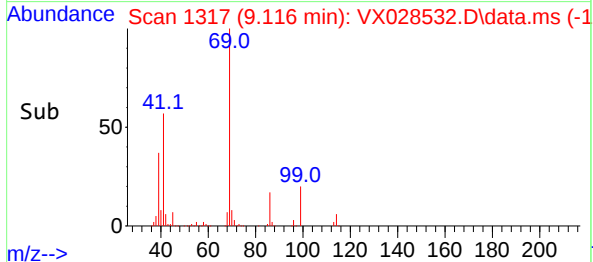
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



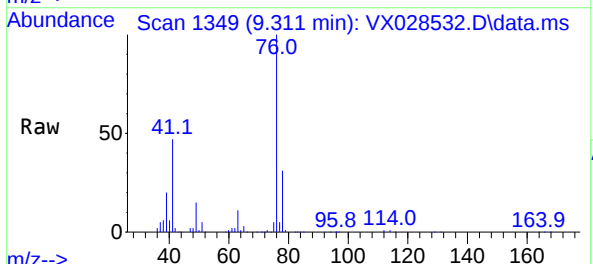
Tgt Ion: 69 Resp: 10332
Ion Ratio Lower Upper
69 100
41 57.9 32.1 96.5
39 37.0 18.3 54.9

Manual Integrations
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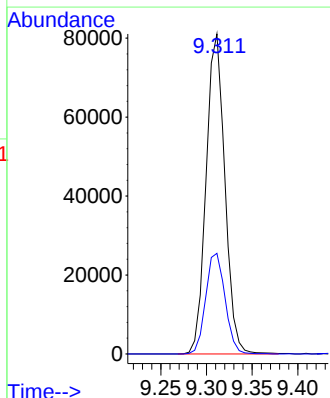
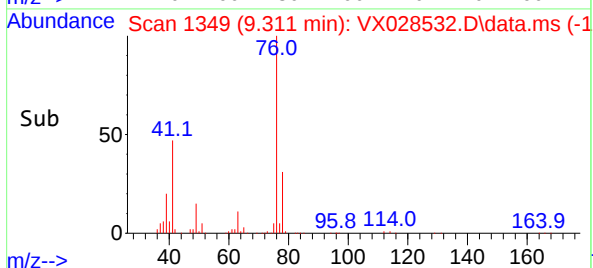
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

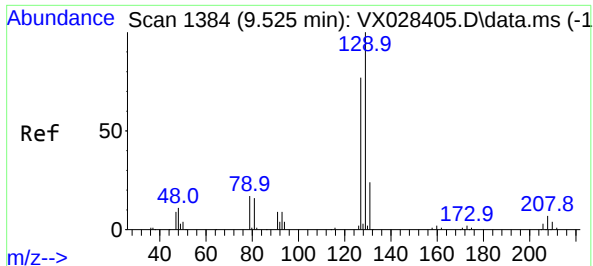


#52
1,3-Dichloropropane
Concen: 20.863 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



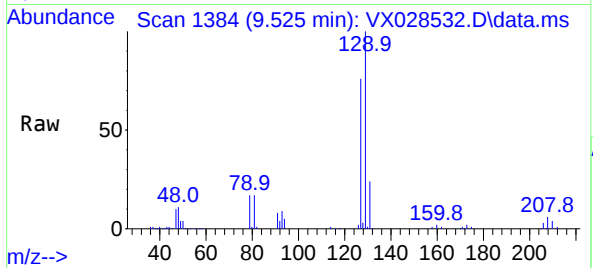
Tgt Ion: 76 Resp: 115526
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.4





#53
Dibromochloromethane
Concen: 21.248 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

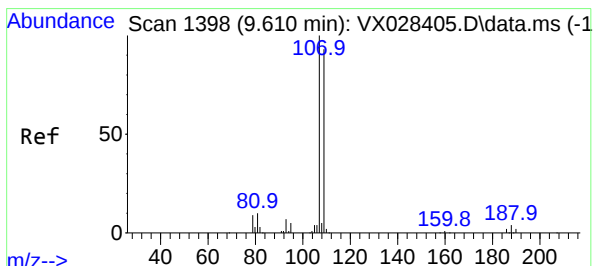
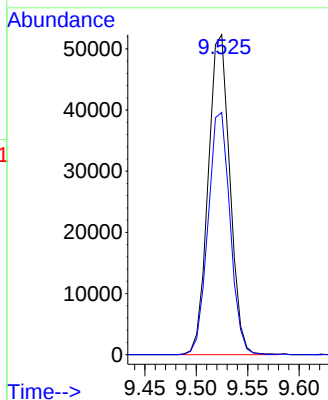
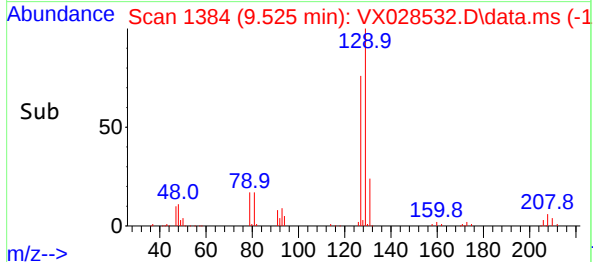
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



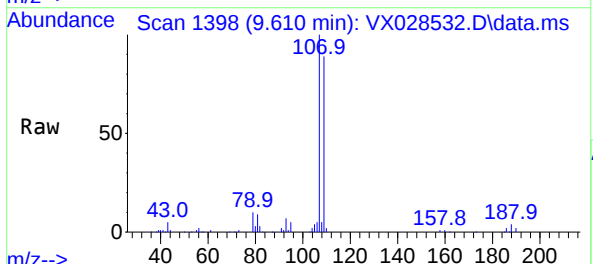
Tgt Ion:129 Resp: 7694
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.1

Manual Integrations
APPROVED

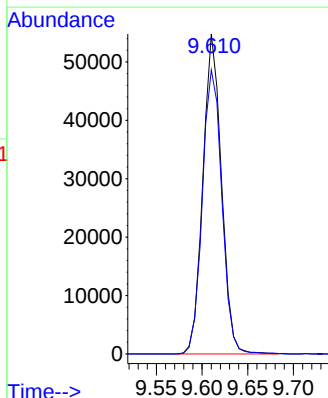
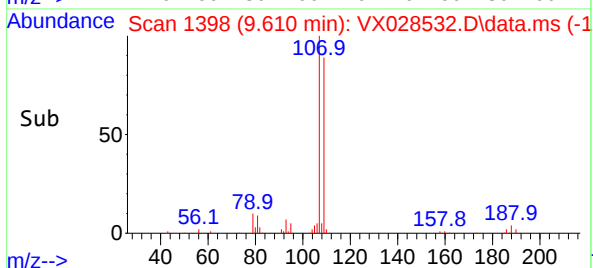
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

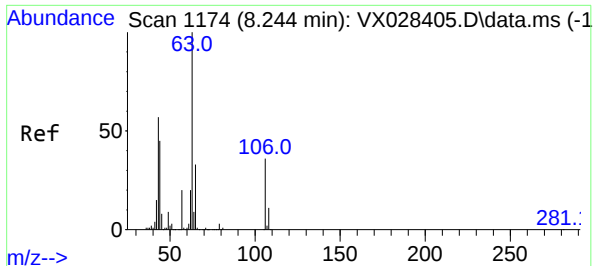


#54
1,2-Dibromoethane
Concen: 20.952 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



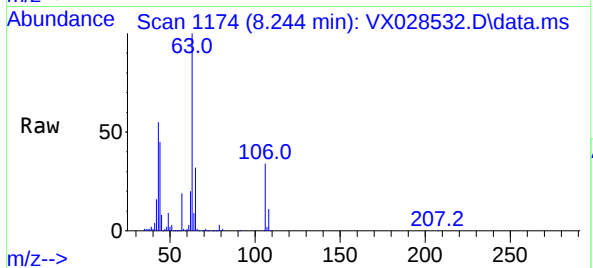
Tgt Ion:107 Resp: 77147
Ion Ratio Lower Upper
107 100
109 93.2 76.2 114.4





#55
2-Chloroethyl vinyl ether
Concen: 99.694 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

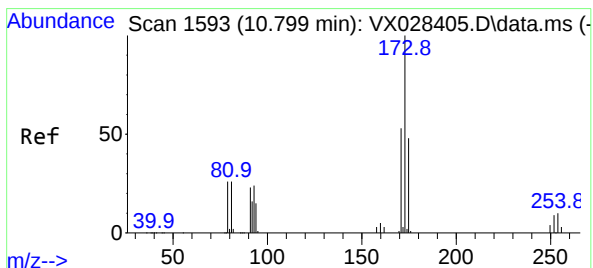
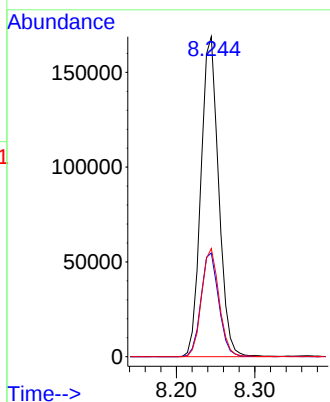
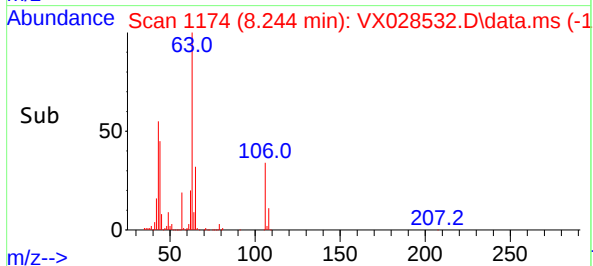
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



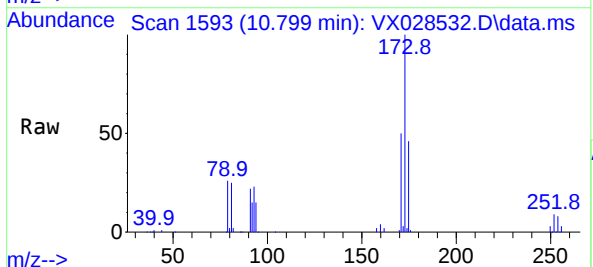
Tgt Ion: 63 Resp: 265099
Ion Ratio Lower Upper
63 100
65 32.4 25.9 38.9
106 33.4 25.8 38.6

Manual Integrations
APPROVED

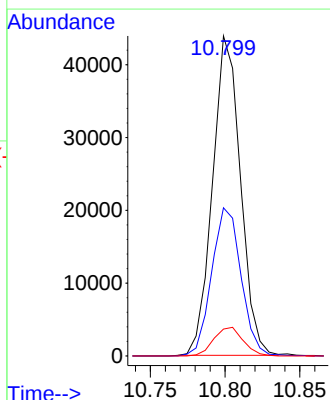
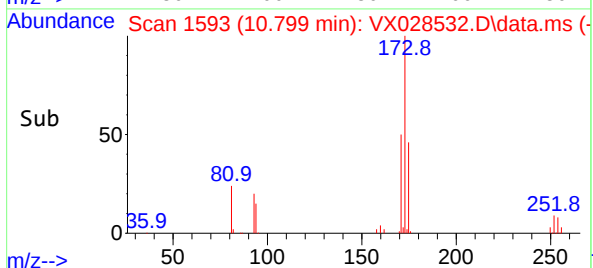
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

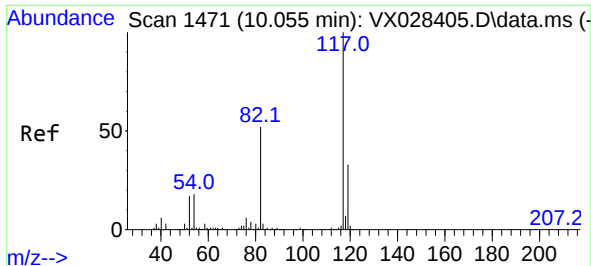


#56
Bromoform
Concen: 20.378 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



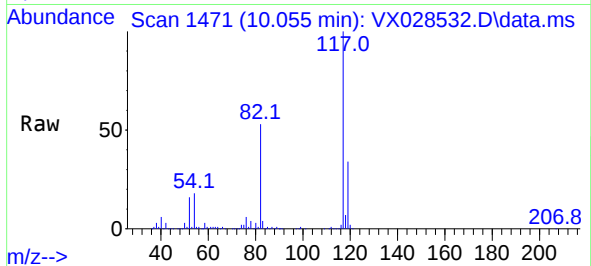
Tgt Ion:173 Resp: 56881
Ion Ratio Lower Upper
173 100
175 48.9 40.3 60.5
254 9.5 7.4 11.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

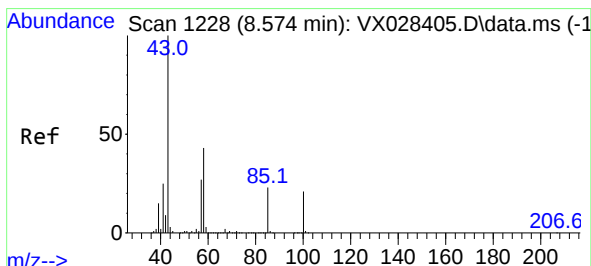
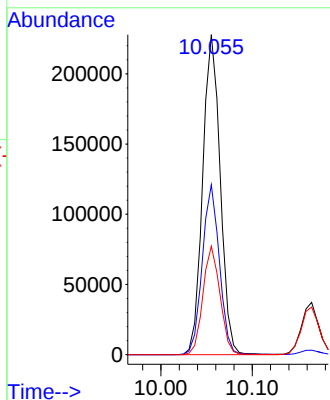
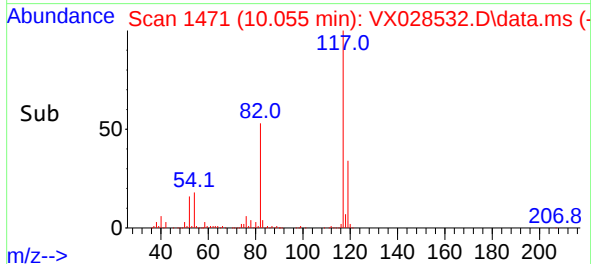
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



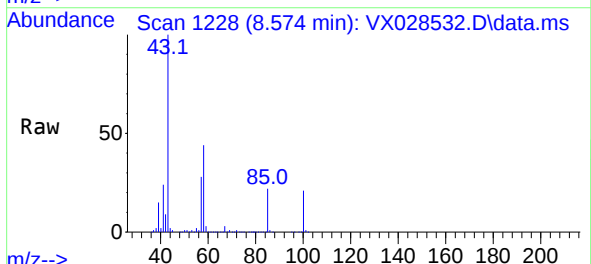
Tgt Ion: 117 Resp: 304512
Ion Ratio Lower Upper
117 100
82 51.7 42.3 63.5
119 32.9 26.2 39.2

Manual Integrations
APPROVED

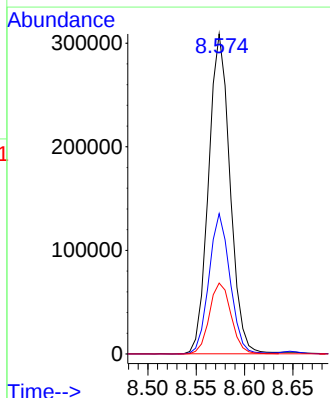
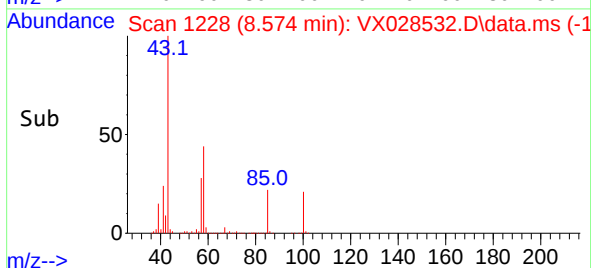
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

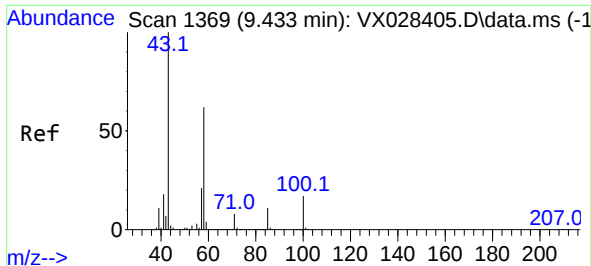


#58
4-Methyl-2-Pentanone
Concen: 107.867 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



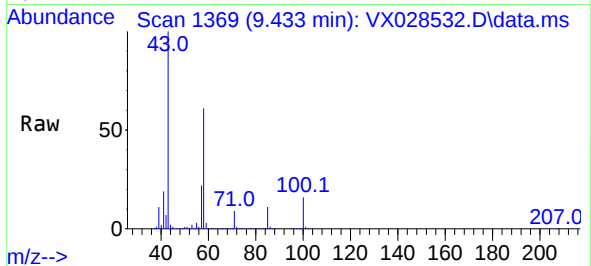
Tgt Ion: 43 Resp: 477828
Ion Ratio Lower Upper
43 100
58 43.0 31.8 47.6
85 22.5 15.8 23.6





#59
2-Hexanone
Concen: 108.243 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

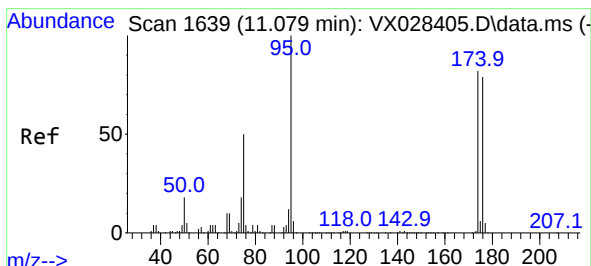
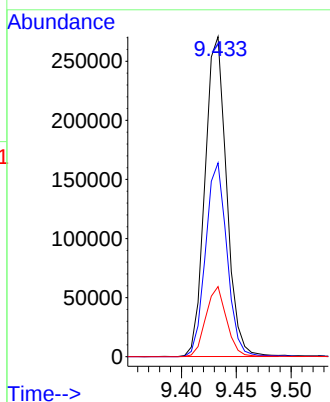
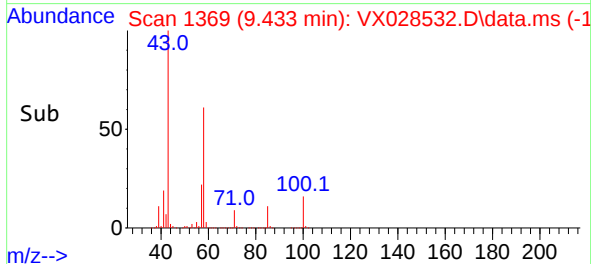
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



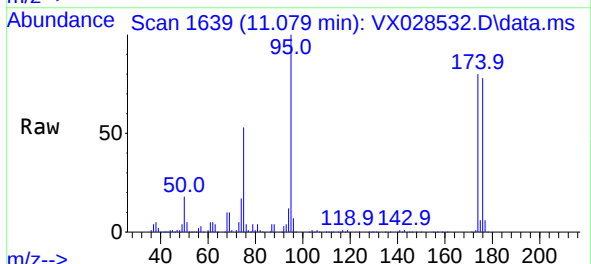
Tgt Ion: 43 Resp: 37110
Ion Ratio Lower Upper
43 100
58 60.3 44.1 66.1
57 21.1 16.2 24.2

Manual Integrations
APPROVED

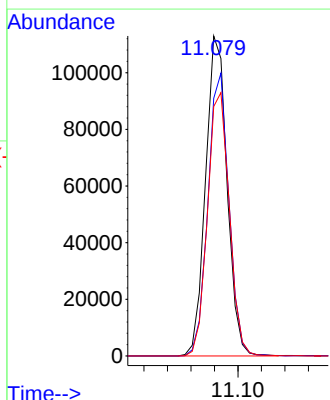
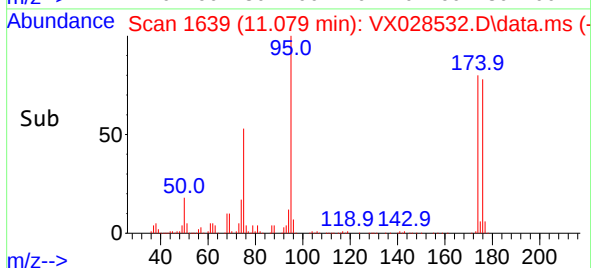
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

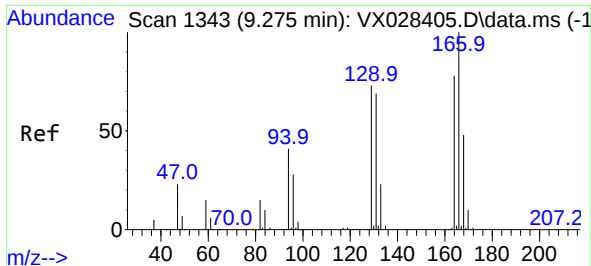


#60
4-Bromofluorobenzene
Concen: 30.271 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



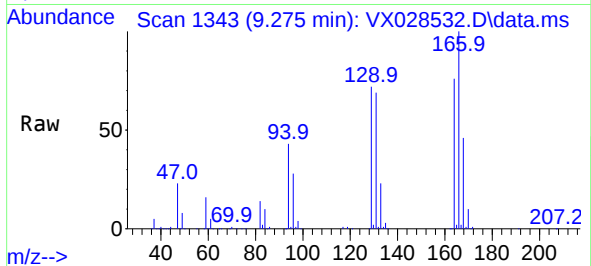
Tgt Ion: 95 Resp: 143353
Ion Ratio Lower Upper
95 100
174 86.6 65.4 98.2
176 83.7 63.4 95.0





#61
Tetrachloroethene
Concen: 20.407 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

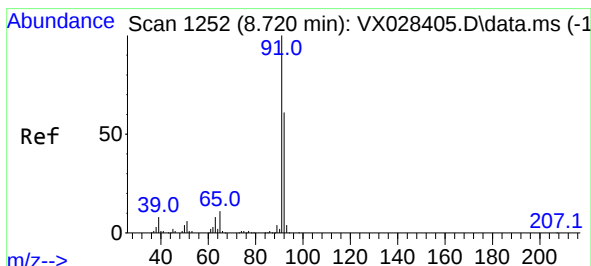
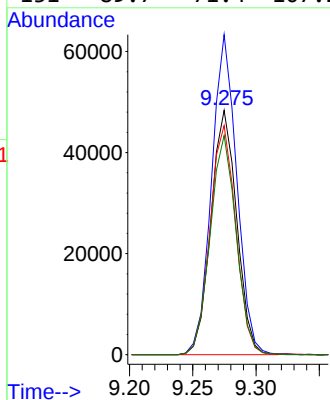
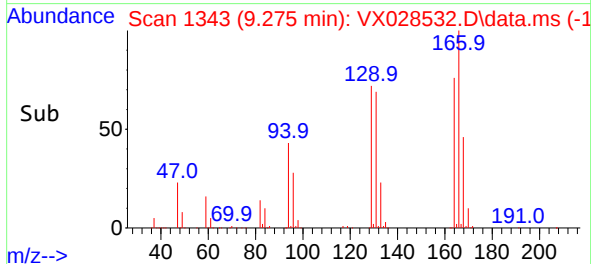
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



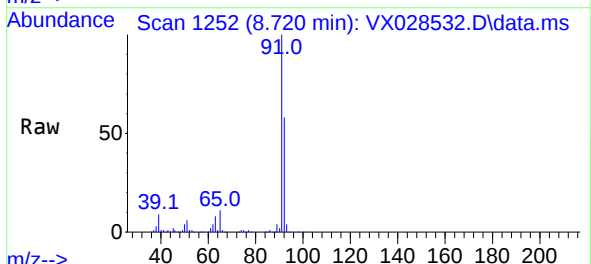
Tgt Ion:164 Resp: 68550
Ion Ratio Lower Upper
164 100
166 130.9 105.0 157.6
129 93.7 78.5 117.7
131 89.7 71.4 107.2

Manual Integrations
APPROVED

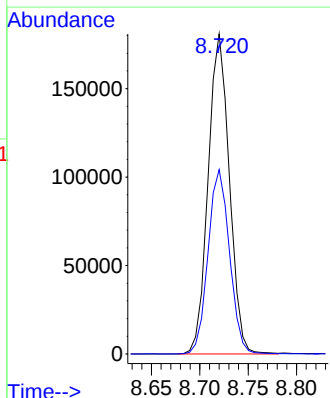
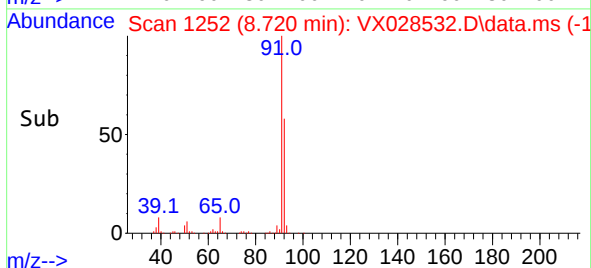
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

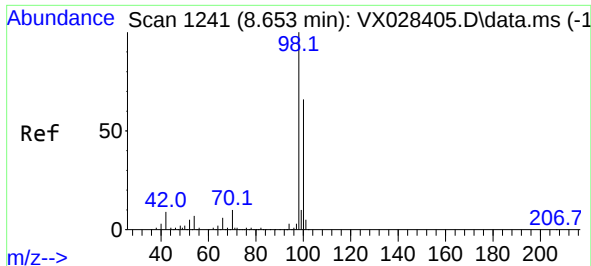


#62
Toluene
Concen: 20.905 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



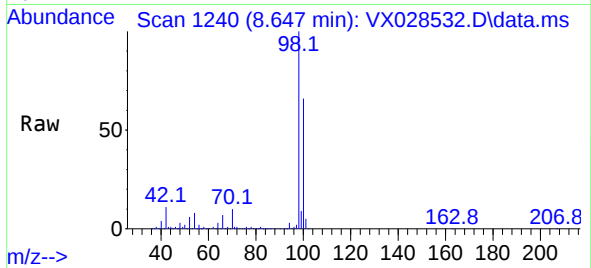
Tgt Ion: 91 Resp: 276093
Ion Ratio Lower Upper
91 100
92 58.3 48.1 72.1





#63
Toluene-d8
Concen: 30.850 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

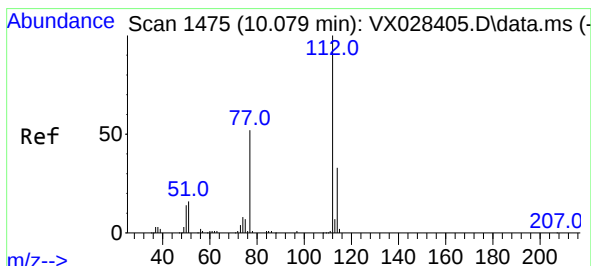
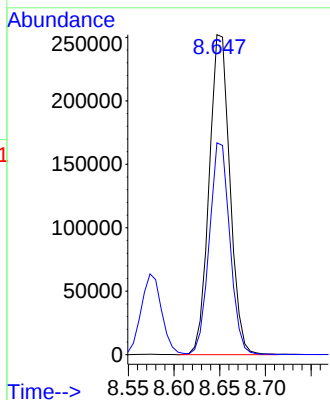
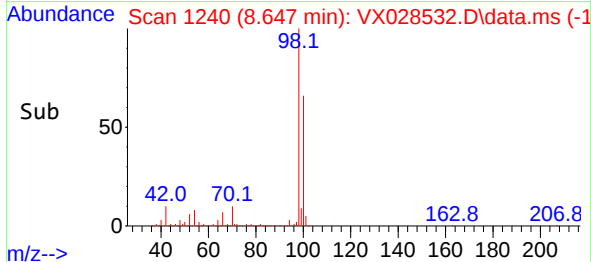
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



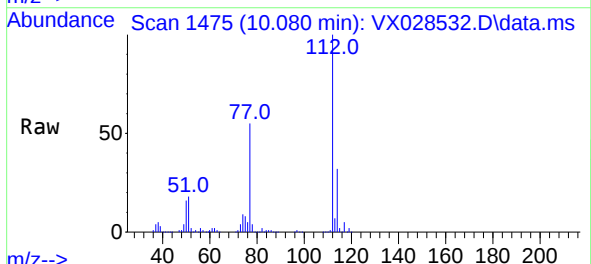
Tgt Ion: 98 Resp: 397963
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.2

Manual Integrations
APPROVED

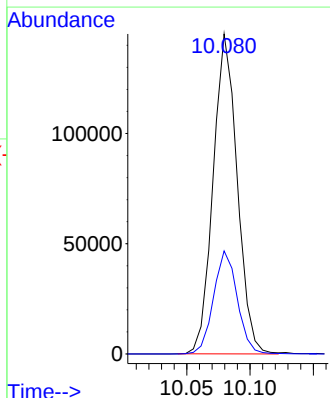
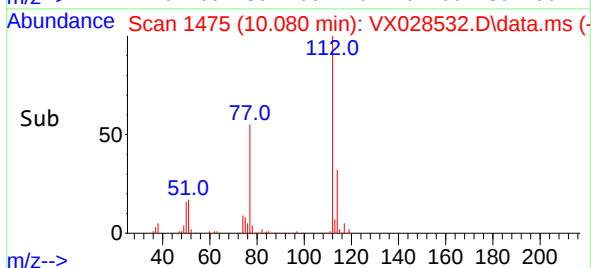
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

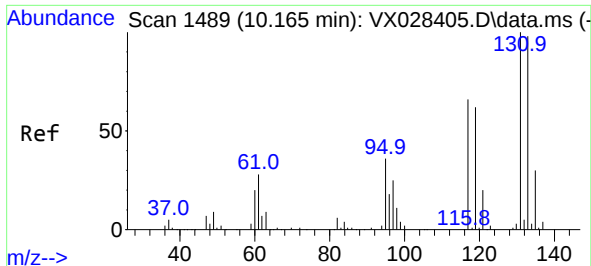


#64
Chlorobenzene
Concen: 20.591 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



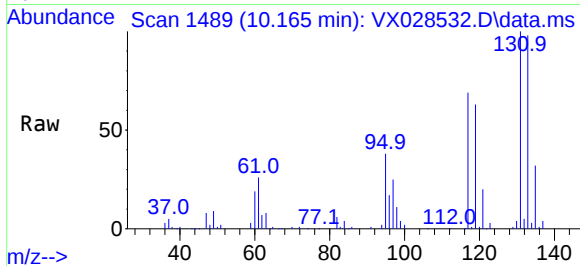
Tgt Ion:112 Resp: 191851
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 20.175 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

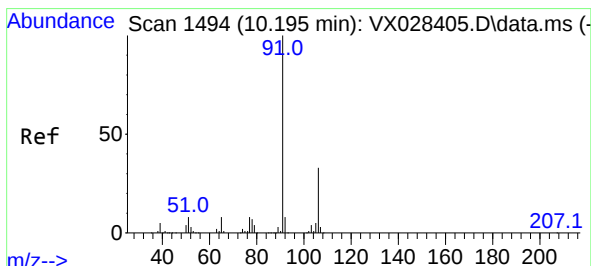
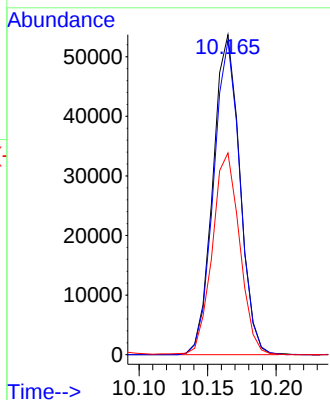
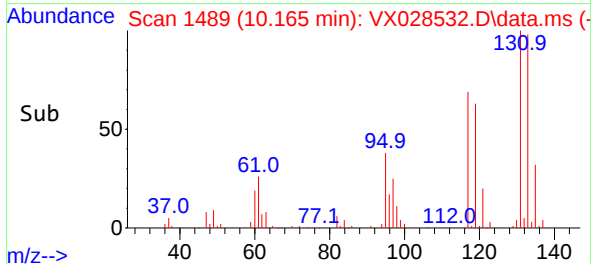
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



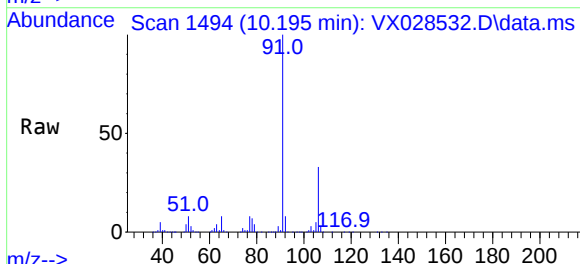
Tgt Ion:131 Resp: 73418
Ion Ratio Lower Upper
131 100
133 96.0 0.0 197.2
119 63.8 0.0 127.4

Manual Integrations
APPROVED

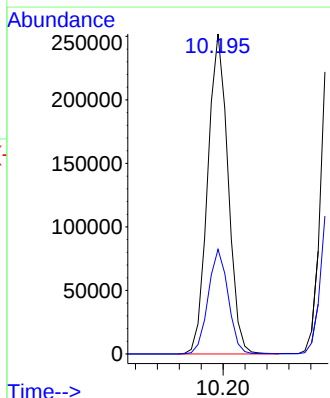
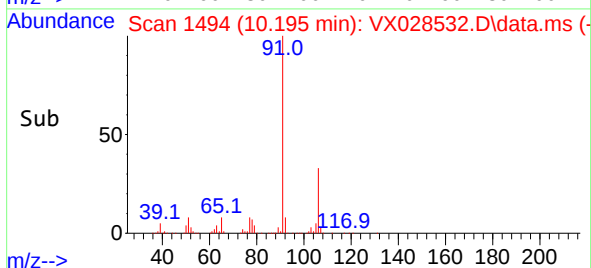
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

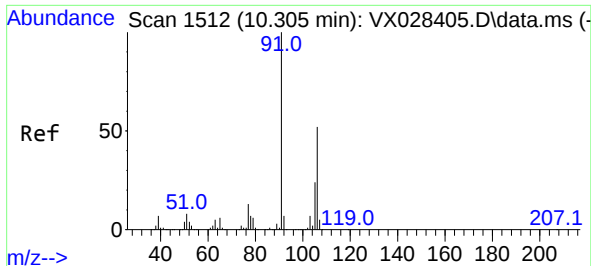


#66
Ethyl Benzene
Concen: 20.857 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



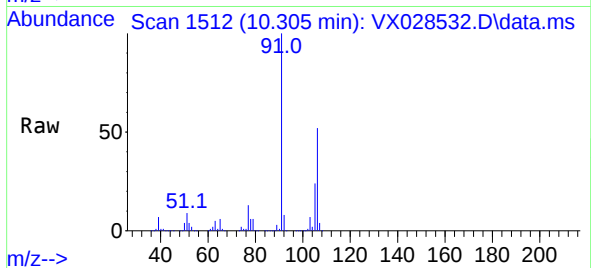
Tgt Ion: 91 Resp: 324755
Ion Ratio Lower Upper
91 100
106 32.7 25.8 38.8





#67
m/p-Xylenes
Concen: 41.522 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

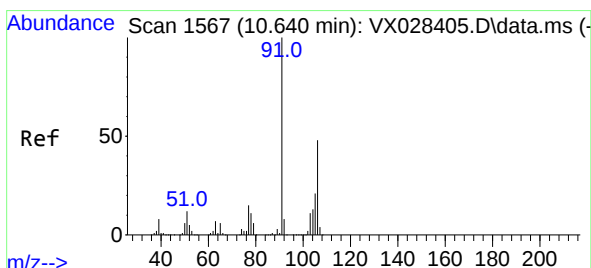
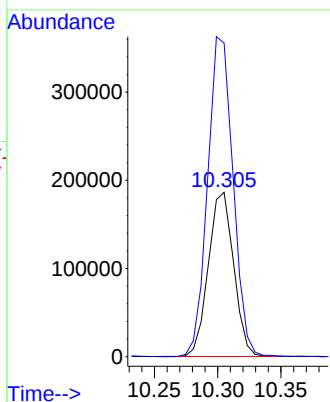
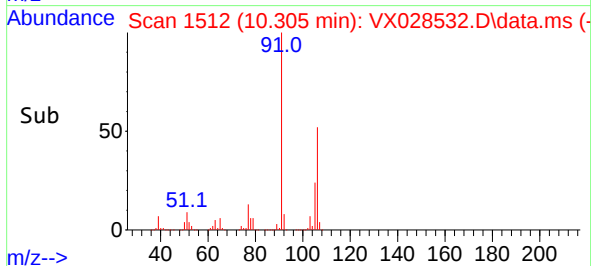
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



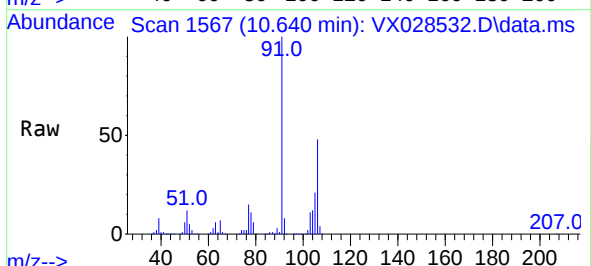
Tgt Ion:106 Resp: 259170
Ion Ratio Lower Upper
106 100
91 195.8 159.5 239.3

Manual Integrations
APPROVED

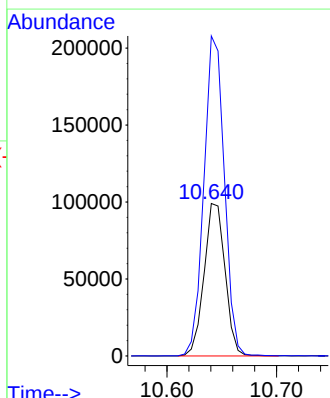
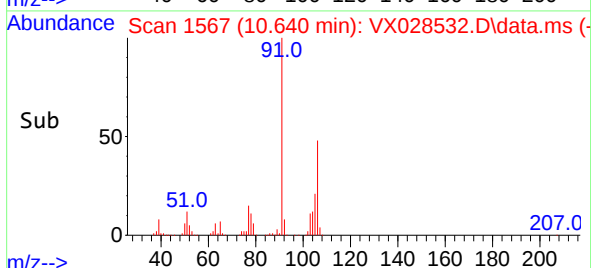
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

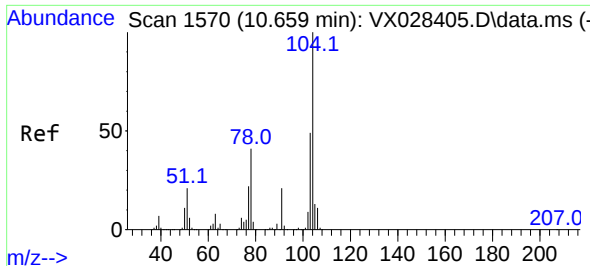


#68
o-Xylene
Concen: 20.794 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



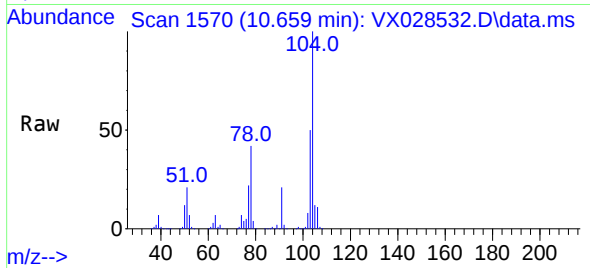
Tgt Ion:106 Resp: 131904
Ion Ratio Lower Upper
106 100
91 203.9 105.4 316.2





#69
Styrene
Concen: 20.556 ug/l
RT: 10.659 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

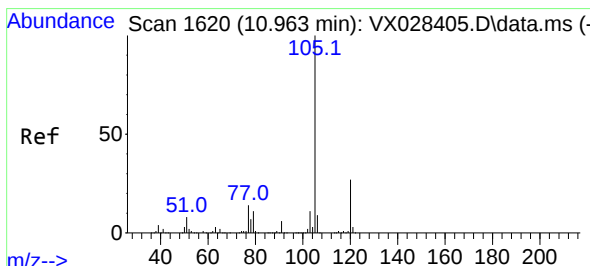
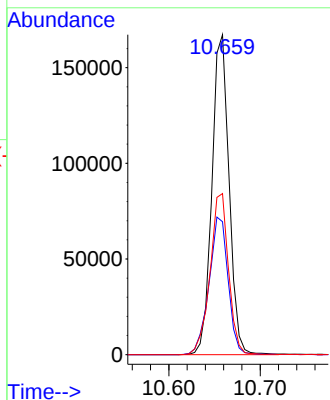
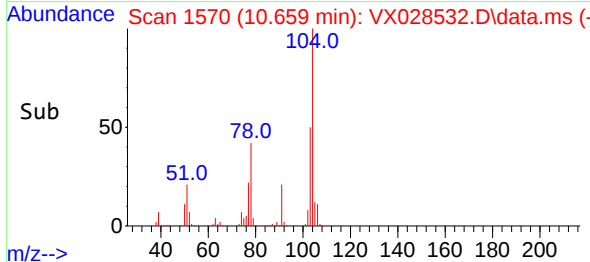
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



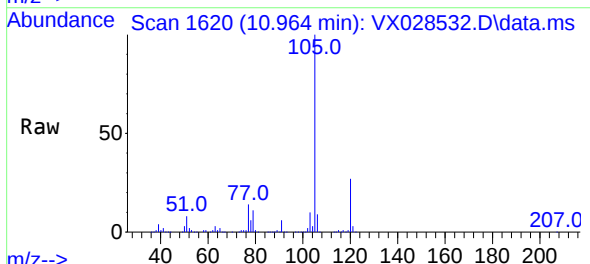
Tgt Ion:104 Resp: 21778
Ion Ratio Lower Upper
104 100
78 47.9 39.7 59.5
103 54.4 42.7 64.1

Manual Integrations
APPROVED

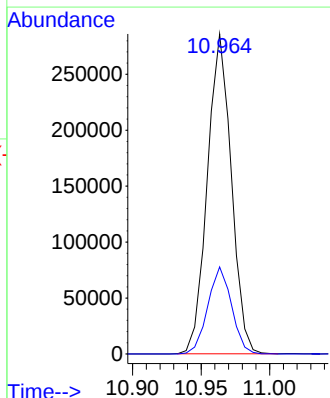
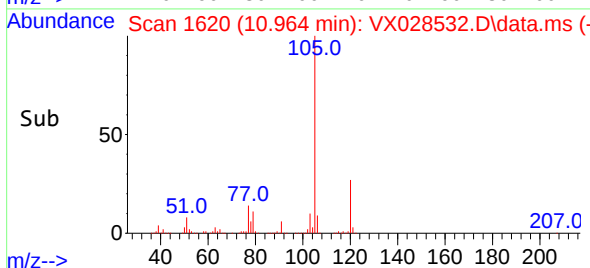
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

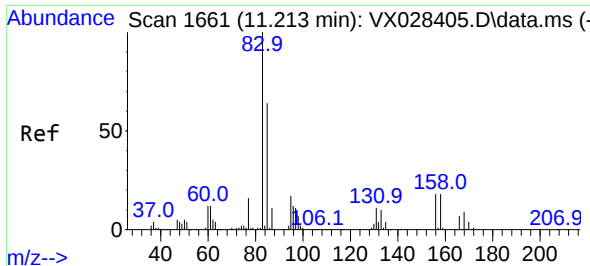


#70
Isopropylbenzene
Concen: 21.039 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



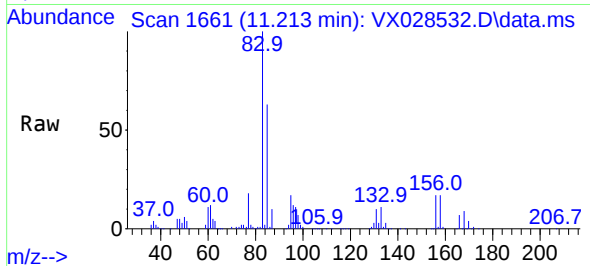
Tgt Ion:105 Resp: 347216
Ion Ratio Lower Upper
105 100
120 27.0 18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 21.497 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

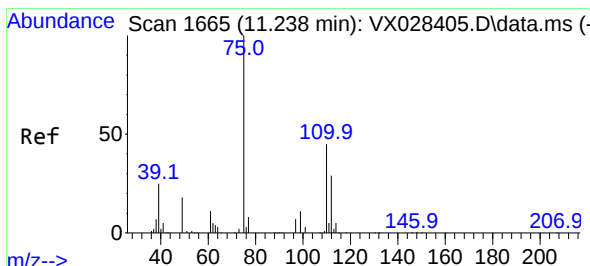
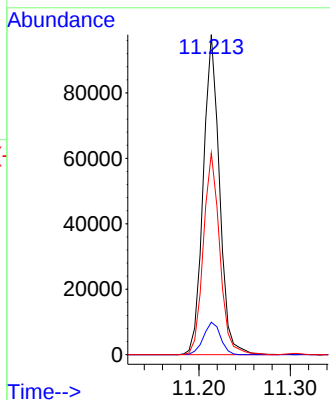
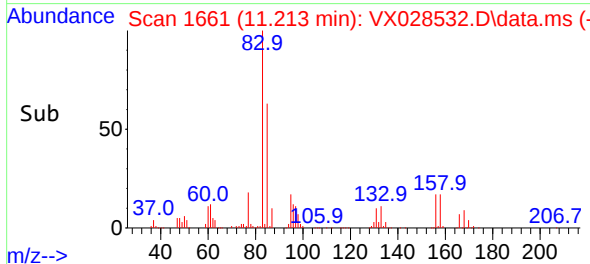
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



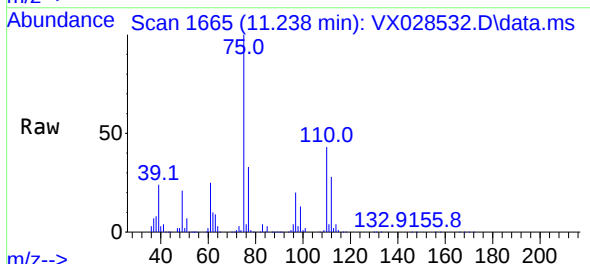
Tgt Ion: 83 Resp: 120458
Ion Ratio Lower Upper
83 100
131 10.6 5.8 17.3
85 63.5 32.0 96.2

Manual Integrations
APPROVED

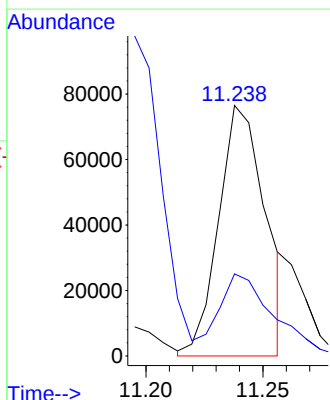
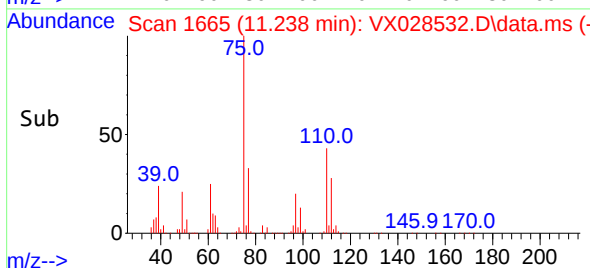
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

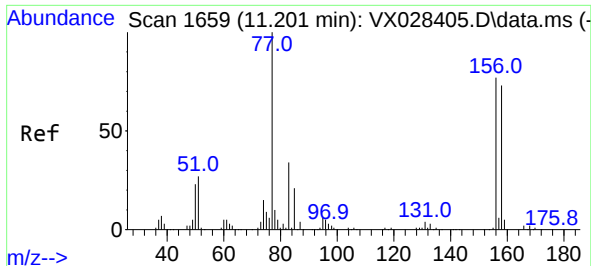


#72
1,2,3-Trichloropropane
Concen: 21.281 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



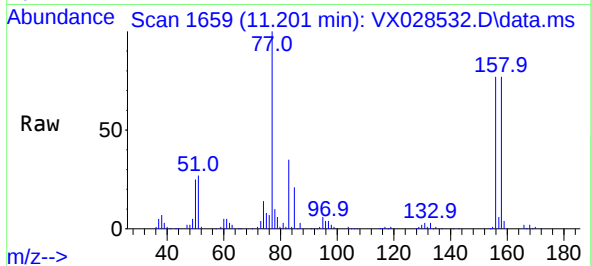
Tgt Ion: 75 Resp: 106105
Ion Ratio Lower Upper
75 100
77 38.8 0.0 78.6





#73
Bromobenzene
Concen: 19.920 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

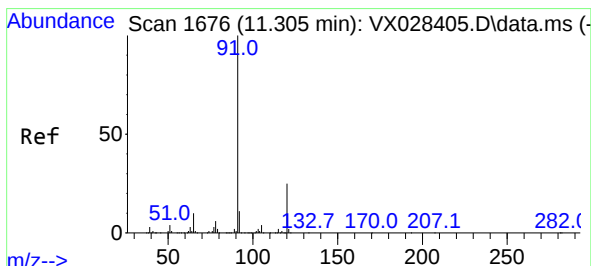
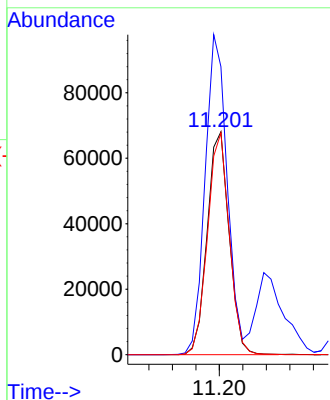
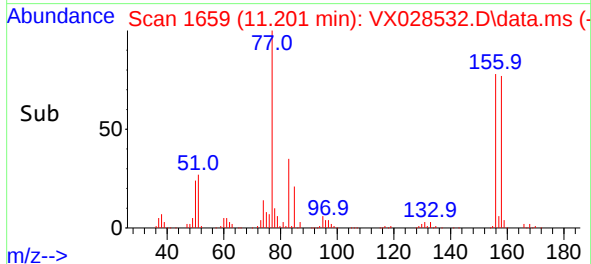
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



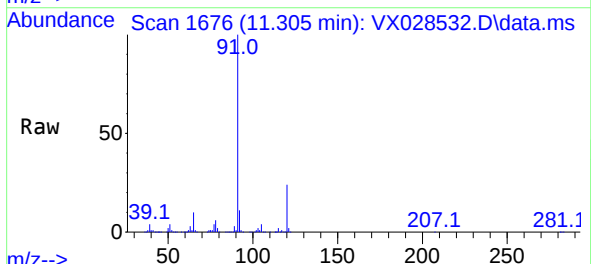
Tgt Ion:156 Resp: 8864
Ion Ratio Lower Upper
156 100
77 142.6 0.0 297.6
158 98.1 0.0 188.4

Manual Integrations
APPROVED

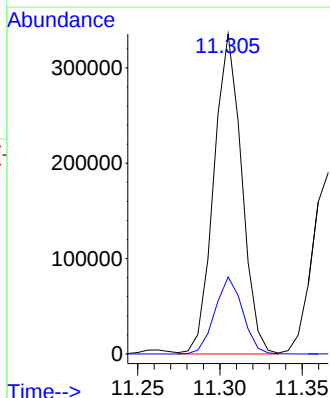
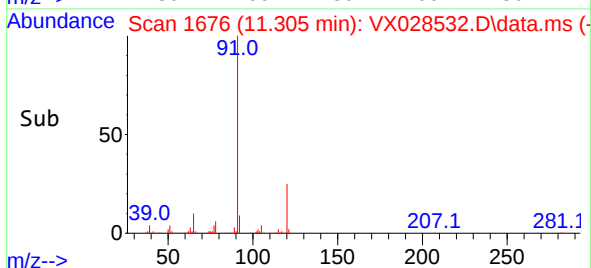
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

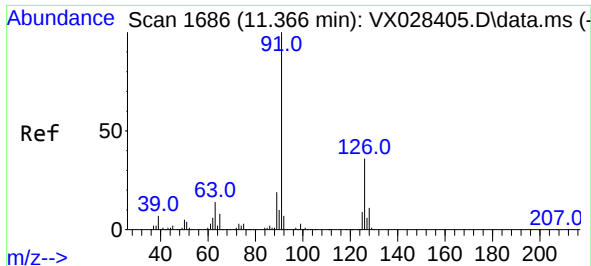


#74
n-propylbenzene
Concen: 21.487 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



Tgt Ion: 91 Resp: 395395
Ion Ratio Lower Upper
91 100
120 23.8 0.0 48.0





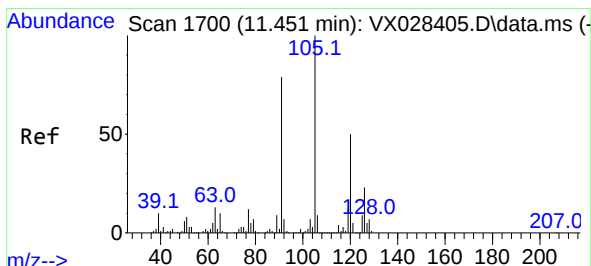
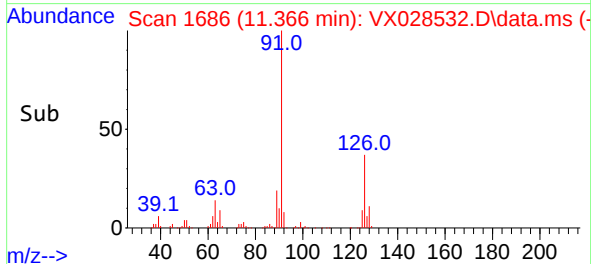
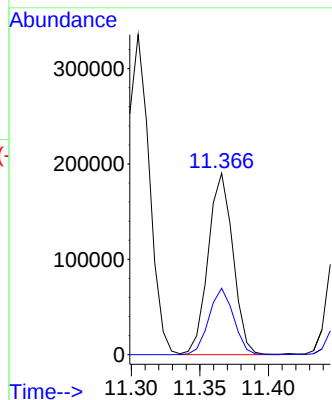
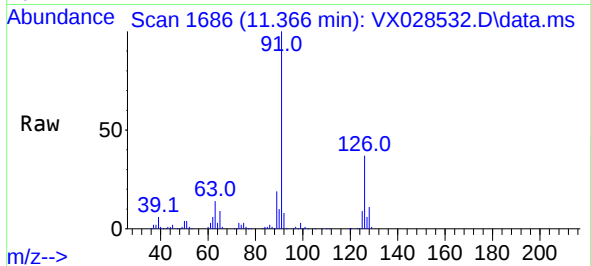
#75
2-Chlorotoluene
Concen: 21.067 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Tgt Ion: 91 Resp: 24015
Ion Ratio Lower Upper
91 100
126 36.3 0.0 68.6

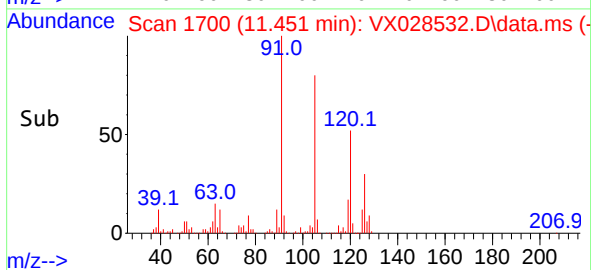
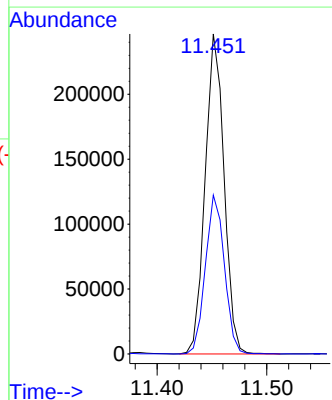
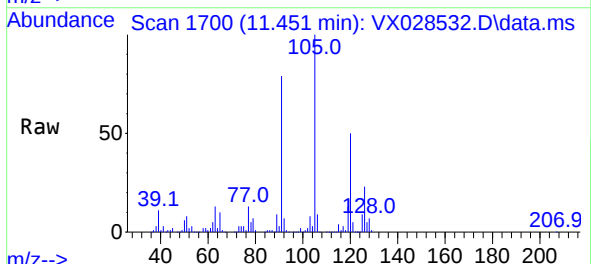
Manual Integrations
APPROVED

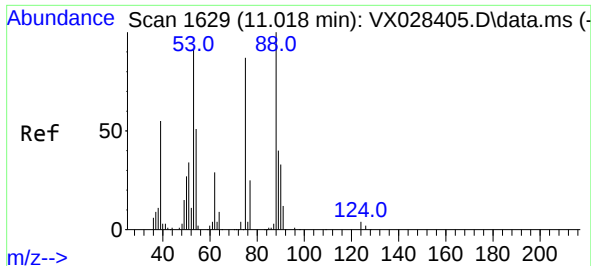
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#76
1,3,5-Trimethylbenzene
Concen: 21.282 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

Tgt Ion:105 Resp: 294508
Ion Ratio Lower Upper
105 100
120 50.1 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 19.362 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028532.D

Acq: 05 May 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

Tgt Ion: 75 Resp: 29230

Ion Ratio Lower Upper

75 100

53 105.0 59.7 179.1

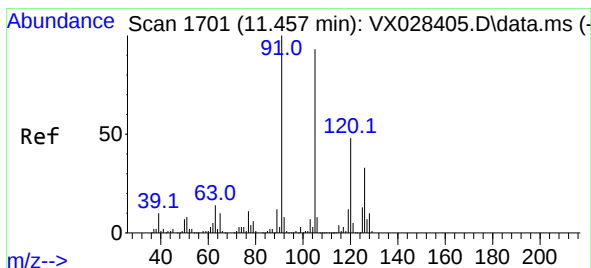
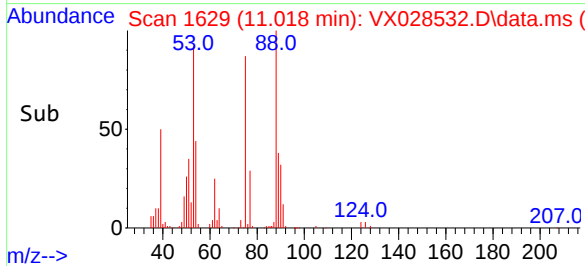
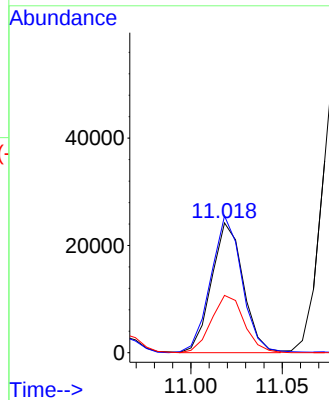
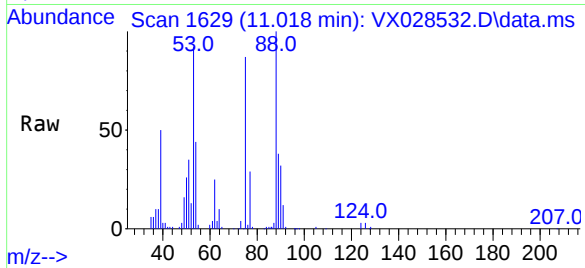
89 44.3 23.1 69.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2022

Supervised By :Mahesh Dadoda 05/06/2022



#78

4-Chlorotoluene

Concen: 21.259 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VX028532.D

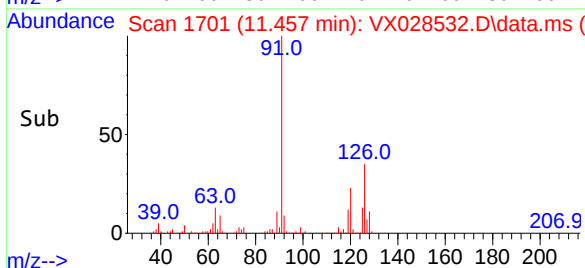
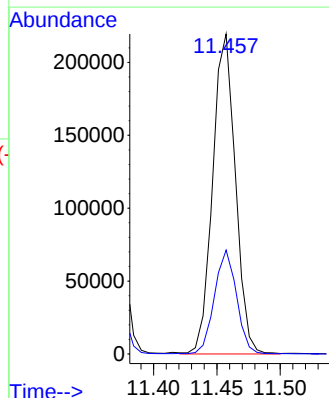
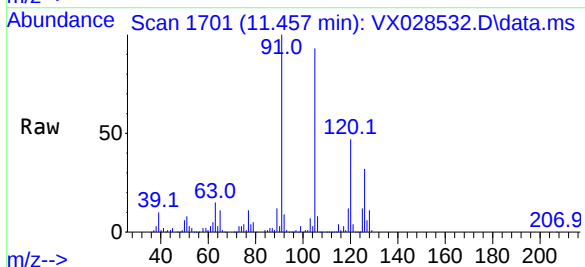
Acq: 05 May 2022 14:18

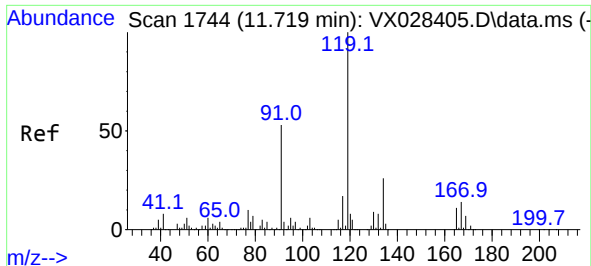
Tgt Ion: 91 Resp: 274103

Ion Ratio Lower Upper

91 100

126 31.3 0.0 59.8





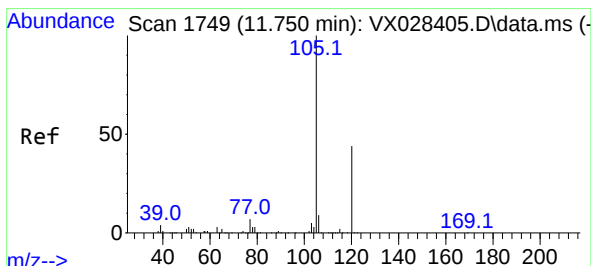
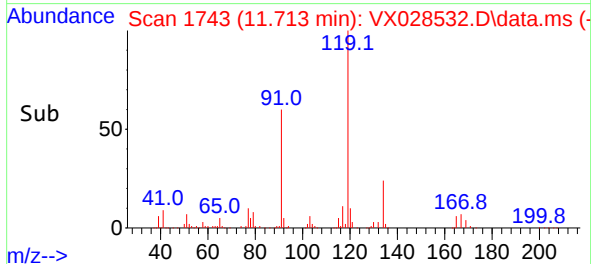
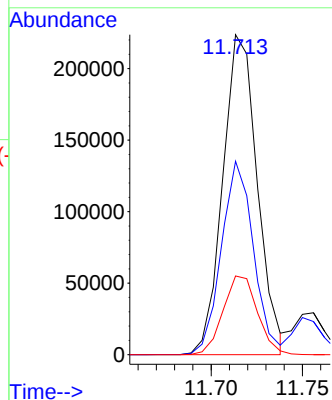
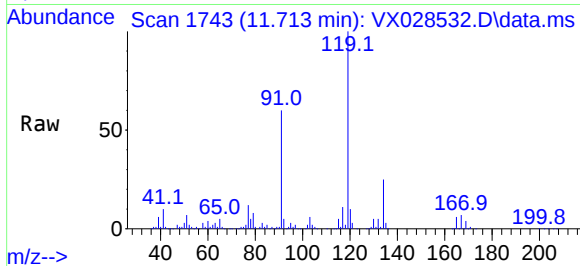
#79
tert-butylbenzene
Concen: 20.967 ug/l
RT: 11.713 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Tgt Ion:119 Resp: 294369
Ion Ratio Lower Upper
119 100
91 56.1 0.0 119.4
134 24.6 0.0 48.4

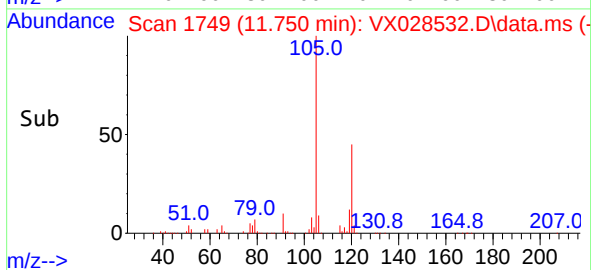
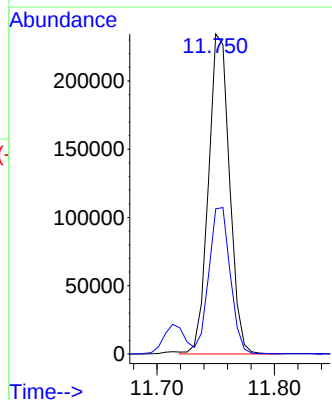
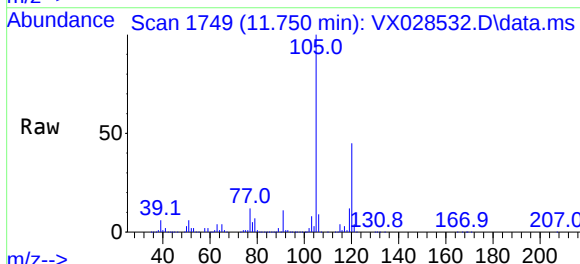
Manual Integrations
APPROVED

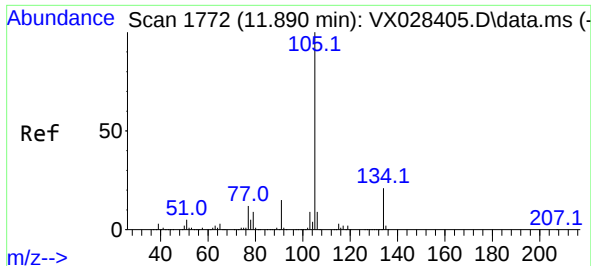
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#80
1,2,4-Trimethylbenzene
Concen: 21.048 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

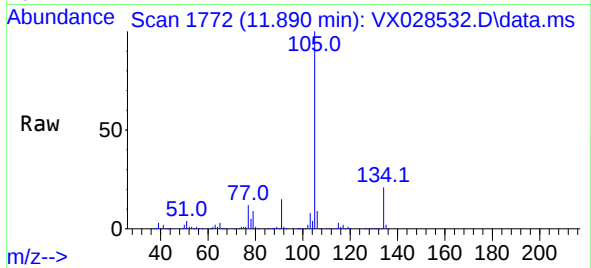
Tgt Ion:105 Resp: 292378
Ion Ratio Lower Upper
105 100
120 46.2 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 21.908 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028532.D
 Acq: 05 May 2022 14:18

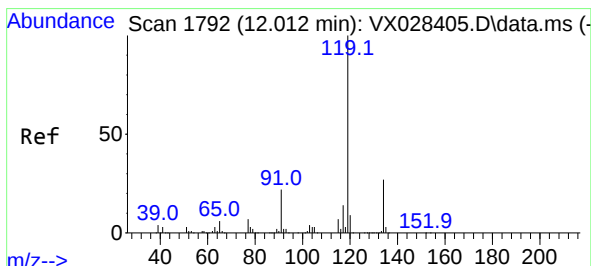
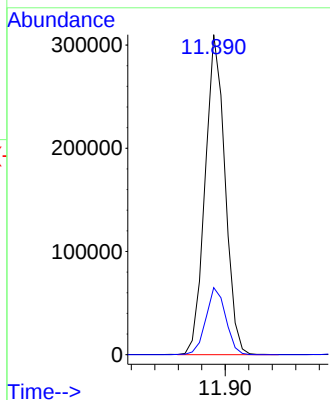
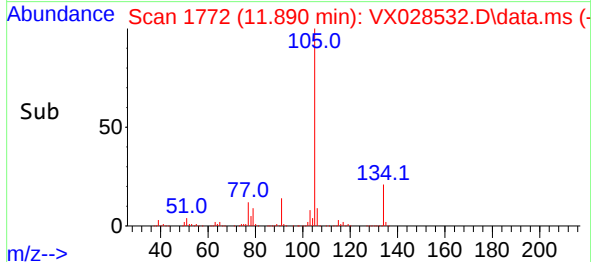
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01



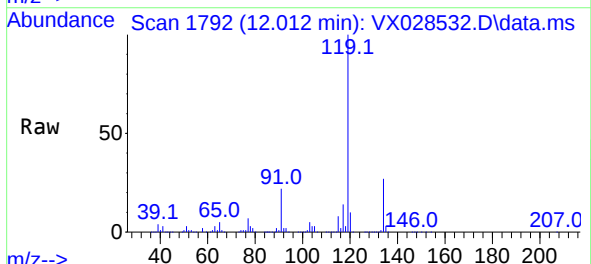
Tgt Ion:105 Resp: 364594
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 41.2

Manual Integrations
 APPROVED

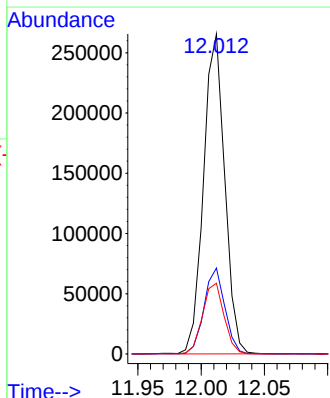
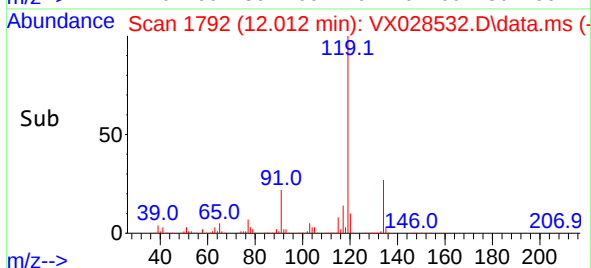
Reviewed By :John Carlone 05/06/2022
 Supervised By :Mahesh Dadoda 05/06/2022

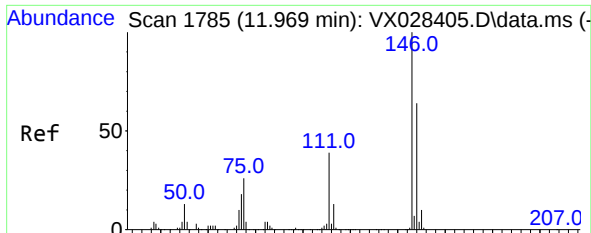


#82
 p-Isopropyltoluene
 Concen: 21.422 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028532.D
 Acq: 05 May 2022 14:18



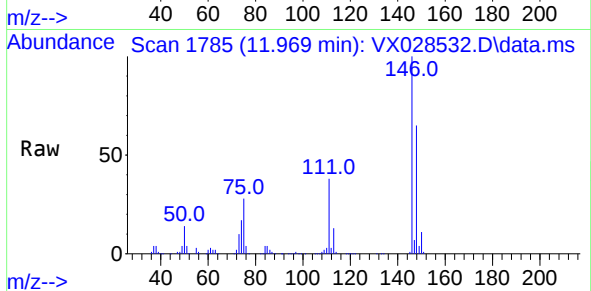
Tgt Ion:119 Resp: 309448
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.4
 91 22.4 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 20.810 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

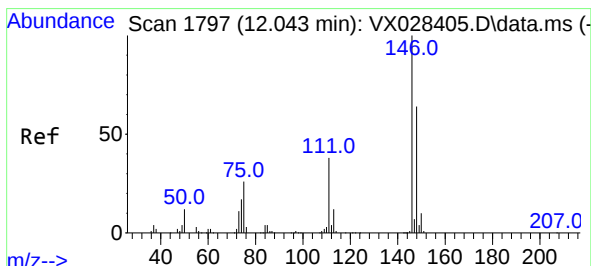
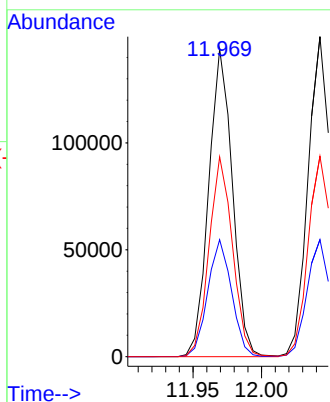
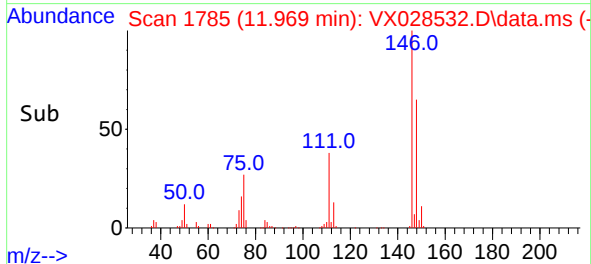
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



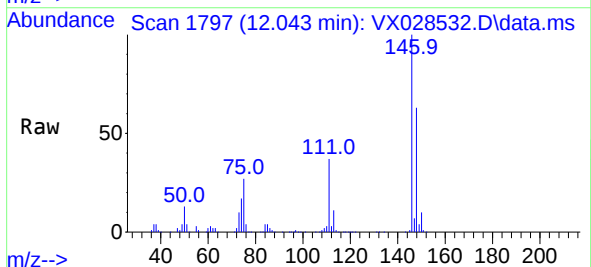
Tgt Ion:146 Resp: 17368
Ion Ratio Lower Upper
146 100
111 38.3 19.8 59.4
148 64.1 31.6 94.8

Manual Integrations
APPROVED

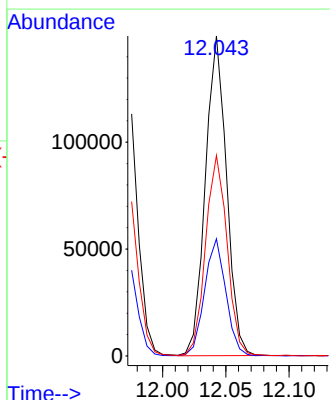
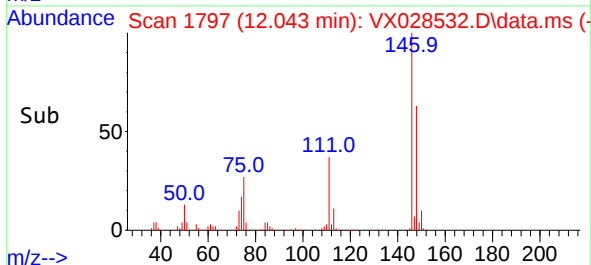
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

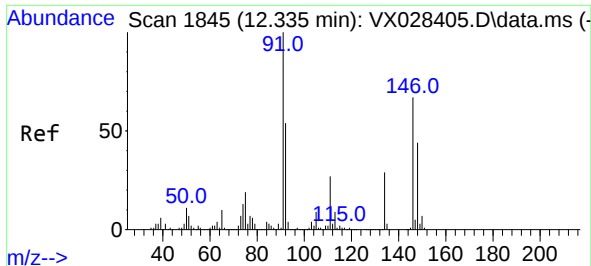


#84
1,4-Dichlorobenzene
Concen: 20.522 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



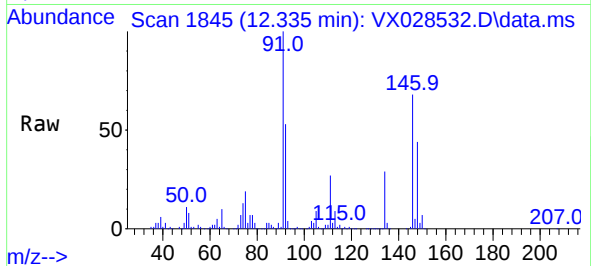
Tgt Ion:146 Resp: 174143
Ion Ratio Lower Upper
146 100
111 36.9 19.2 57.6
148 63.9 32.3 96.8





#85
n-Butylbenzene
Concen: 21.677 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

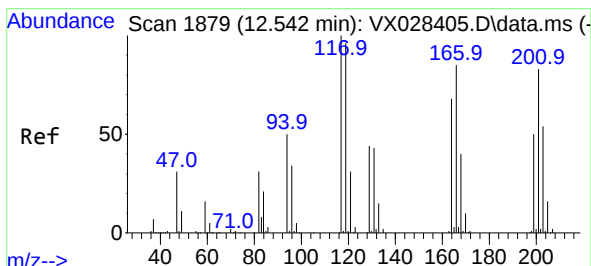
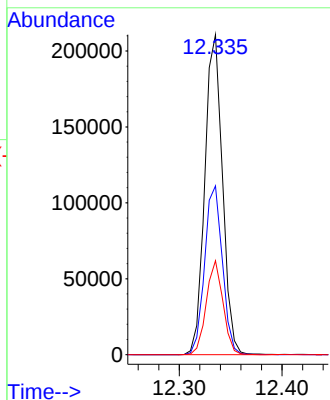
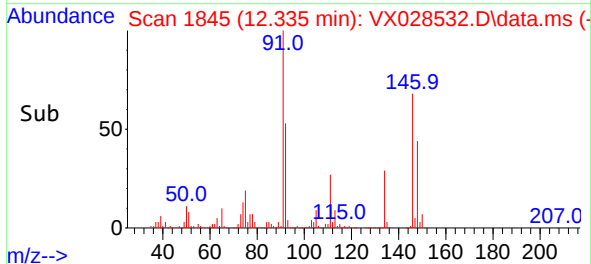
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



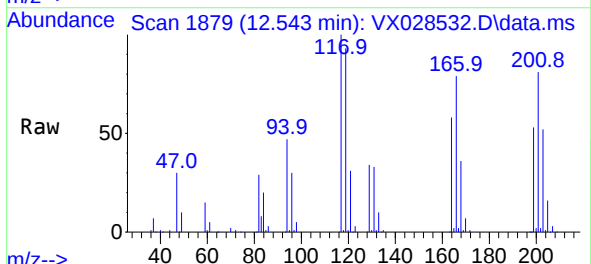
Tgt Ion: 91 Resp: 252710
Ion Ratio Lower Upper
91 100
92 52.9 0.0 109.4
134 27.8 0.0 56.4

Manual Integrations
APPROVED

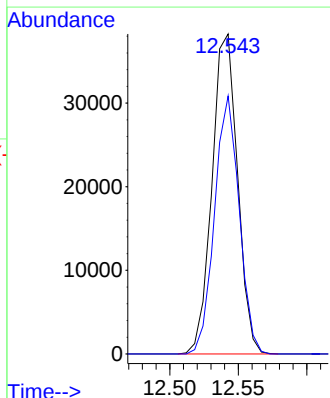
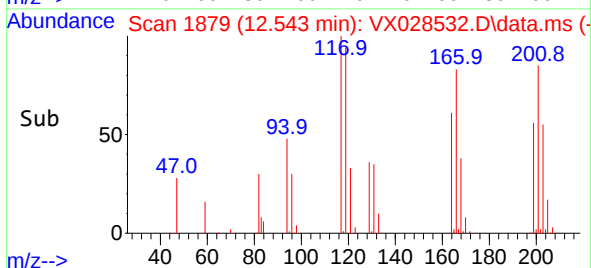
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

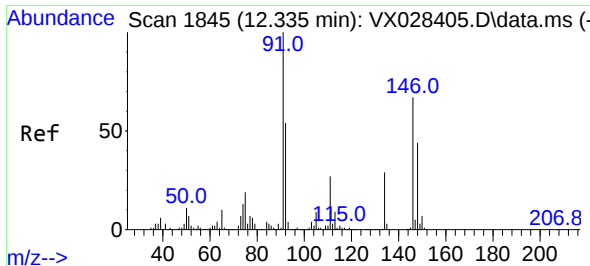


#86
Hexachloroethane
Concen: 21.803 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



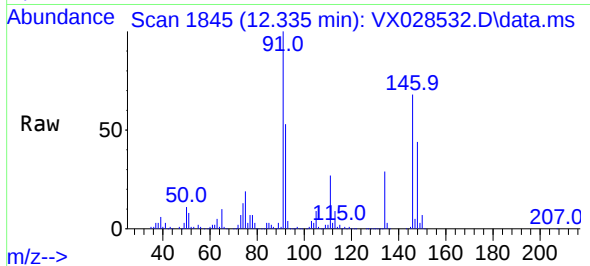
Tgt Ion:117 Resp: 49559
Ion Ratio Lower Upper
117 100
201 77.6 39.5 118.5





#87
1,2-Dichlorobenzene
Concen: 20.766 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

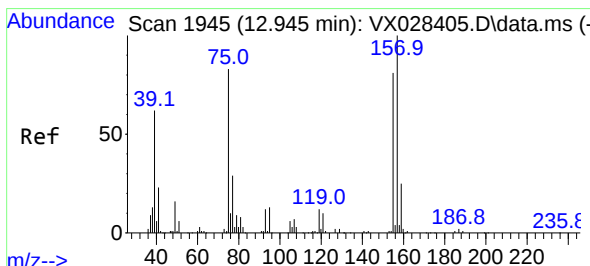
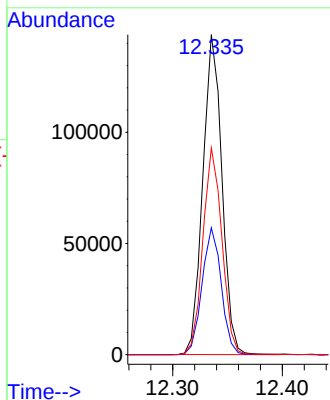
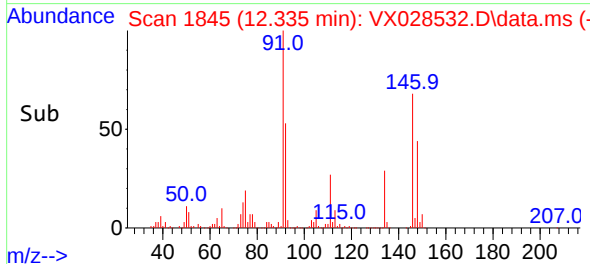
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



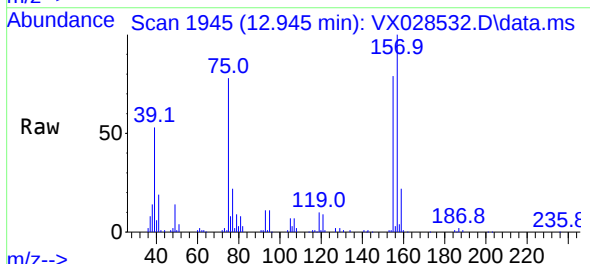
Tgt Ion:146 Resp: 174548
Ion Ratio Lower Upper
146 100
111 39.9 21.1 63.3
148 64.2 31.4 94.2

Manual Integrations
APPROVED

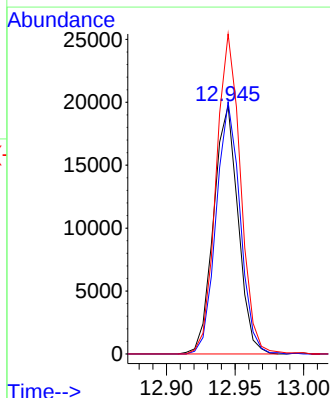
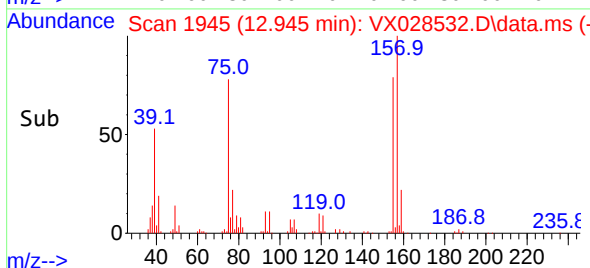
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

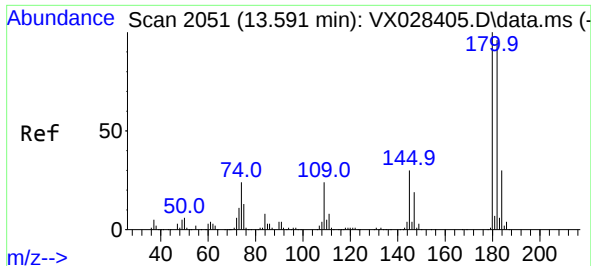


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.477 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



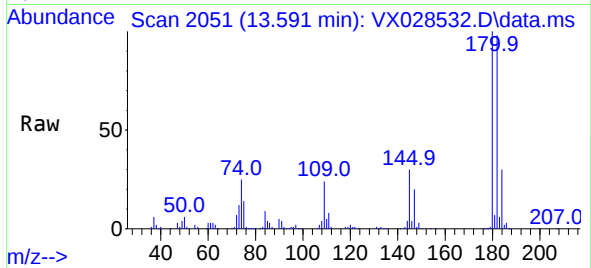
Tgt Ion: 75 Resp: 24509
Ion Ratio Lower Upper
75 100
155 98.9 74.3 111.5
157 128.1 97.3 145.9





#89
1,2,4-Trichlorobenzene
Concen: 20.028 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

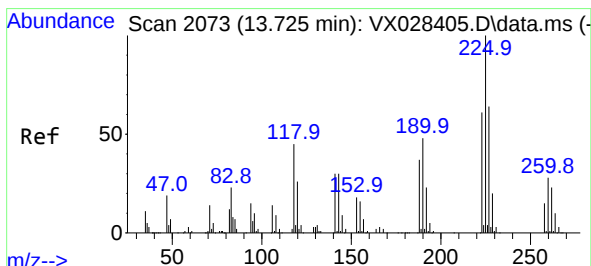
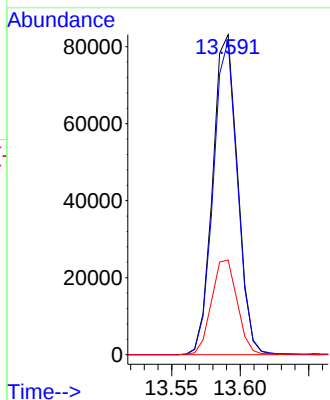
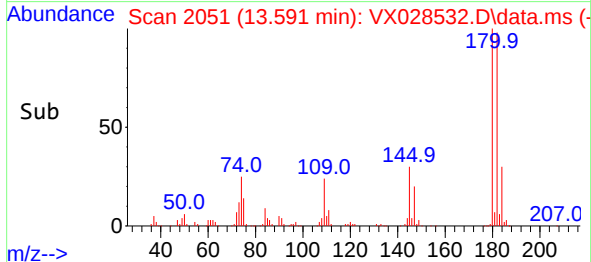
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



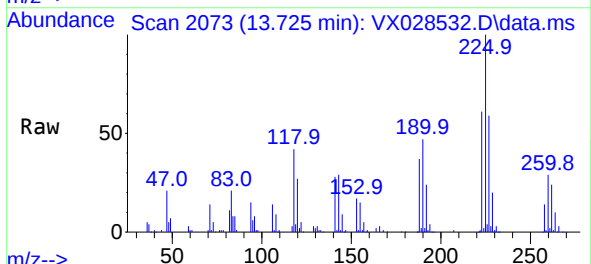
Tgt Ion:180 Resp: 10515
Ion Ratio Lower Upper
180 100
182 95.6 77.4 116.2
145 30.6 24.2 36.4

Manual Integrations
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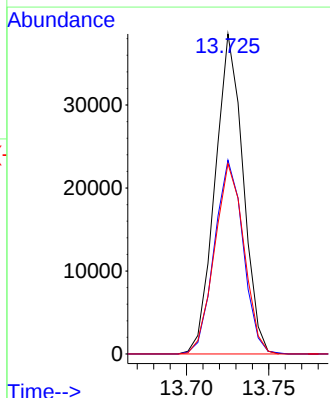
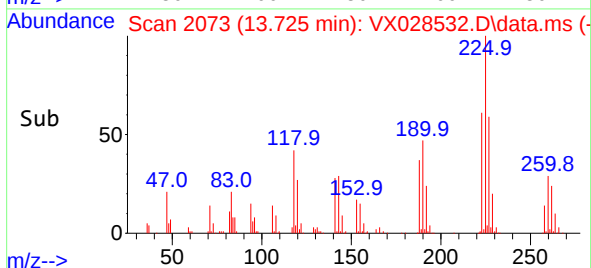
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

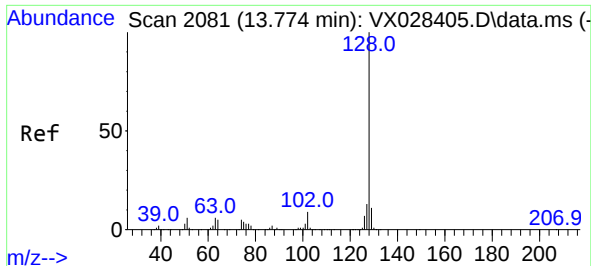


#90
Hexachlorobutadiene
Concen: 20.524 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



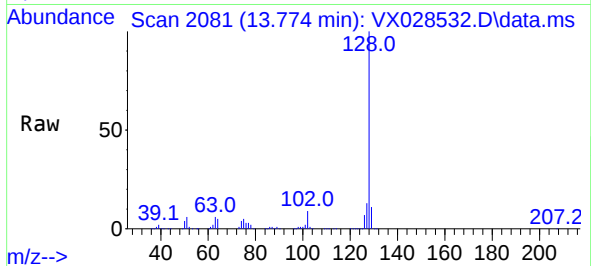
Tgt Ion:225 Resp: 45685
Ion Ratio Lower Upper
225 100
223 62.1 0.0 126.0
227 62.2 0.0 125.0





#91
Naphthalene
Concen: 19.693 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18

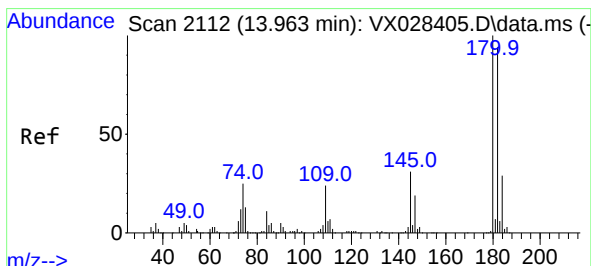
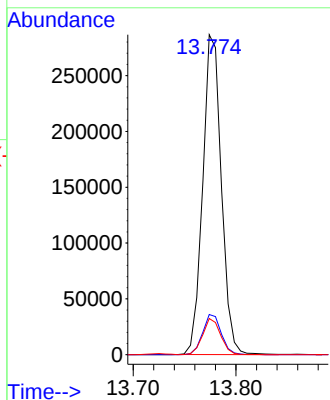
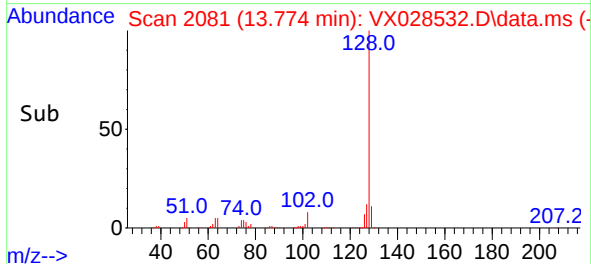
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01



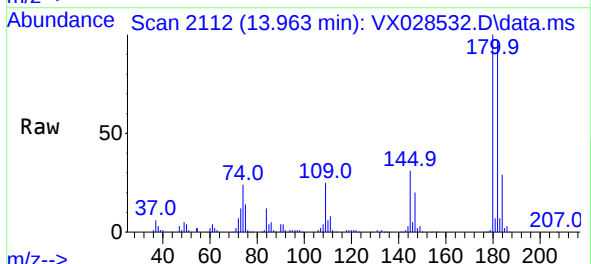
Tgt Ion:128 Resp: 36132
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#92
1,2,3-Trichlorobenzene
Concen: 20.337 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX028532.D
Acq: 05 May 2022 14:18



Tgt Ion:180 Resp: 107033
Ion Ratio Lower Upper
180 100
182 94.0 0.0 189.4
145 31.1 0.0 67.2

