

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121222\
 Data File : VX033371.D
 Acq On : 12 Dec 2022 13:51
 Operator : JC/MD
 Sample : VX1212WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

Quant Time: Dec 13 07:30:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 12 12:37:35 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2022
 Supervised By : Mahesh Dadoda 12/13/2022

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

Internal Standards						
1) Bromochloromethane	4.898	128	12462	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	90234	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	99250	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	34641	31.651	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.500%			
60) 4-Bromofluorobenzene	11.079	95	56415	30.690	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.300%			
63) Toluene-d8	8.647	98	98818	29.931	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.767%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	19774	21.726	ug/l	99
3) Chloromethane	1.295	50	19155	20.856	ug/l	94
4) Vinyl Chloride	1.374	62	22233	20.176	ug/l	98
5) Bromomethane	1.618	94	17671	21.929	ug/l	96
6) Chloroethane	1.691	64	16616	20.395	ug/l	96
7) Trichlorofluoromethane	1.892	101	45834	20.402	ug/l	96
8) Diethyl Ether	2.136	74	10686	15.231	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	25548	22.398	ug/l	98
10) 1,1-Dichloroethene	2.325	96	23364	21.756	ug/l	98
11) Methyl Iodide	2.453	142	24501	20.087	ug/l	96
12) Methyl Acetate	2.703	43	31560	20.839	ug/l	98
13) Acrolein	2.246	56	23992	100.138	ug/l	98
14) Acrylonitrile	3.069	53	56194	102.081	ug/l	98
15) Acetone	2.392	58	20249	107.013	ug/l	96
16) Carbon Disulfide	2.514	76	58498	20.219	ug/l	98
17) Allyl chloride	2.666	41	35838	20.330	ug/l	95
18) Methylene Chloride	2.788	84	25529	20.482	ug/l	99
19) trans-1,2-Dichloroethene	3.093	96	25725	20.562	ug/l	98
20) Diisopropyl ether	3.758	45	76018	20.493	ug/l	100
21) 1,1-Dichloroethane	3.611	63	44758	20.456	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	29459	20.284	ug/l	99
23) tert-Butyl Alcohol	2.995	59	25074m	106.740	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	78636	20.236	ug/l	99
25) Chloroform	5.093	83	50635	20.337	ug/l	99
26) Cyclohexane	5.471	56	39808	20.801	ug/l #	100
29) 1,1-Dichloropropene	5.696	75	36226	19.864	ug/l	99
30) 2-Butanone	4.562	43	84780	99.447	ug/l	99
31) 2,2-Dichloropropane	4.477	77	37092	19.353	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	46636	19.810	ug/l	99
33) Carbon Tetrachloride	5.678	117	41690	19.366	ug/l	93
34) Benzene	6.038	78	103230	19.752	ug/l	98
35) Methacrylonitrile	4.916	41	17388	19.902	ug/l	94
36) 1,2-Dichloroethane	6.086	62	40187	20.004	ug/l	98
37) Trichloroethene	7.123	130	29128	19.628	ug/l	93
38) Methylcyclohexane	7.379	83	43023	20.021	ug/l	99
39) 1,2-Dichloropropane	7.428	63	25726	19.741	ug/l	98
40) Dibromomethane	7.580	93	19685	19.742	ug/l	98
41) Bromodichloromethane	7.824	83	39153	19.162	ug/l	99
42) Vinyl Acetate	3.721	43	291097	98.626	ug/l	100

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Instrument :
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 ClientSampleId :
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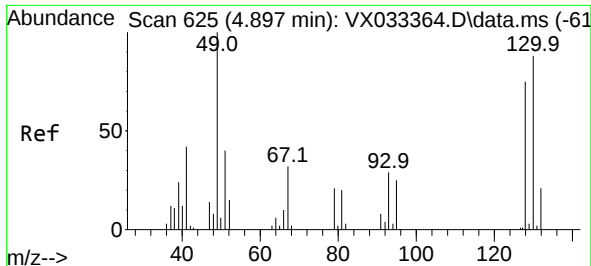
Manual Integrations
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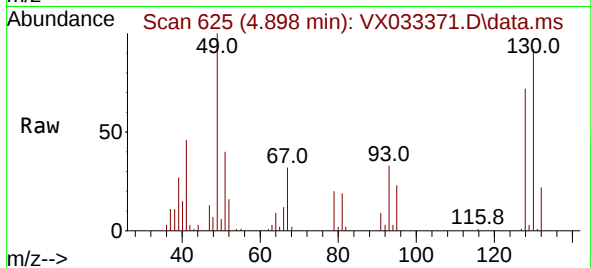
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	29173	19.032	ug/l	99
44) Isopropyl Acetate	6.336	43	50695	19.482	ug/l	100
45) 1,4-Dioxane	7.708	88	12871m	422.304	ug/l	
46) Methyl methacrylate	7.690	41	25981	20.044	ug/l	99
47) n-amyl Acetate	10.842	43	43228	19.795	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	38517	18.793	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	41817	19.009	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	27890	20.226	ug/l	98
51) Ethyl methacrylate	9.116	69	39233	19.913	ug/l	99
52) 1,3-Dichloropropane	9.305	76	44982	19.977	ug/l	99
53) Dibromochloromethane	9.519	129	31002	18.708	ug/l	98
54) 1,2-Dibromoethane	9.610	107	29847	19.774	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	85780	92.731	ug/l	100
56) Bromoform	10.799	173	22117	18.491	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	162929	101.516	ug/l	99
59) 2-Hexanone	9.427	43	125771	102.479	ug/l	100
61) Tetrachloroethene	9.275	164	26685	20.078	ug/l	98
62) Toluene	8.720	91	120111	19.937	ug/l	100
64) Chlorobenzene	10.080	112	74676	19.595	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	28957	19.241	ug/l	98
66) Ethyl Benzene	10.195	91	135168	19.912	ug/l	99
67) m/p-Xylenes	10.299	106	106396	40.098	ug/l	99
68) o-Xylene	10.640	106	51585	19.953	ug/l	99
69) Styrene	10.653	104	84696	19.720	ug/l	99
70) Isopropylbenzene	10.964	105	137655	20.065	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.214	83	41497	20.452	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	37107m	20.537	ug/l	
73) Bromobenzene	11.201	156	34519	20.336	ug/l	98
74) n-propylbenzene	11.305	91	158749	20.193	ug/l	99
75) 2-Chlorotoluene	11.366	91	95339	20.175	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	118124	20.480	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	10836	18.037	ug/l	98
78) 4-Chlorotoluene	11.451	91	109097	20.146	ug/l	99
79) tert-butylbenzene	11.713	119	115430	20.189	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	117184	20.670	ug/l	100
81) sec-Butylbenzene	11.890	105	139505	20.301	ug/l	99
82) p-Isopropyltoluene	12.012	119	119859	20.453	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	63287	20.257	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	64666	20.563	ug/l	99
85) n-Butylbenzene	12.335	91	100080	20.459	ug/l	99
86) Hexachloroethane	12.536	117	19835	19.070	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	63528	20.636	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	8266	18.699	ug/l	90
89) 1,2,4-Trichlorobenzene	13.591	180	38827	20.417	ug/l	97
90) Hexachlorobutadiene	13.725	225	16820	20.844	ug/l	97
91) Naphthalene	13.774	128	127397	20.699	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	39172	20.569	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

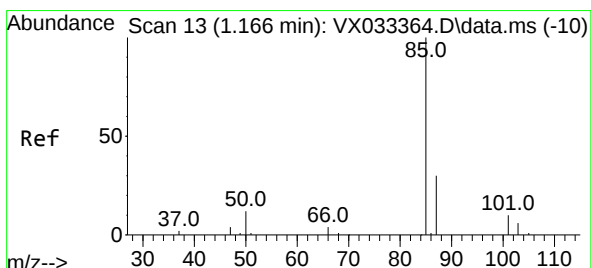
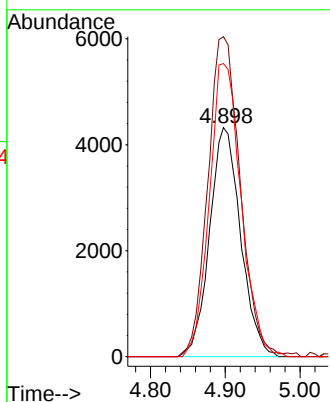
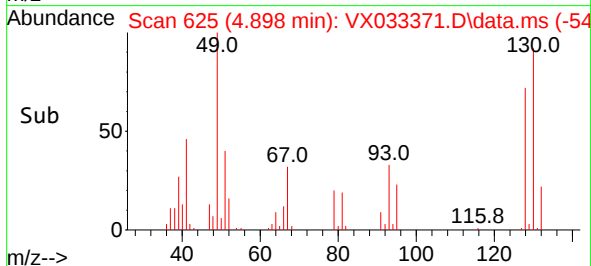
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



Tgt Ion:128 Resp: 12462
Ion Ratio Lower Upper
128 100
49 145.8 0.0 339.5
130 131.2 0.0 318.0

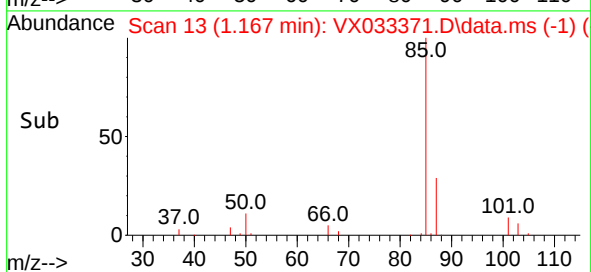
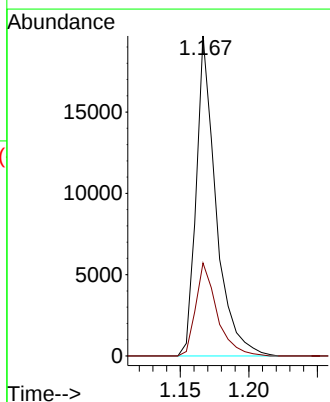
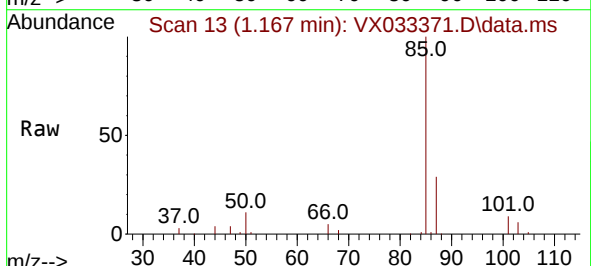
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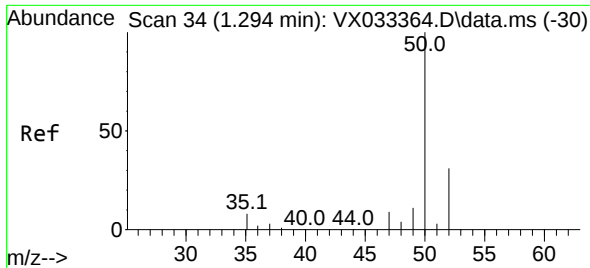
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#2
Dichlorodifluoromethane
Concen: 21.726 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

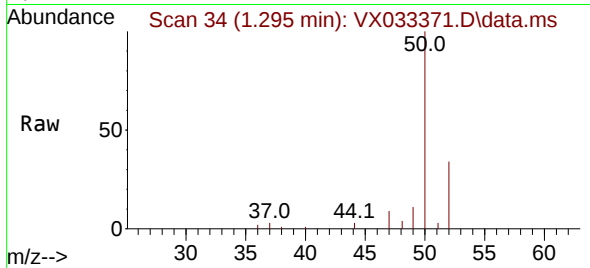
Tgt Ion: 85 Resp: 19774
Ion Ratio Lower Upper
85 100
87 29.0 14.9 44.7





#3
Chloromethane
Concen: 20.856 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

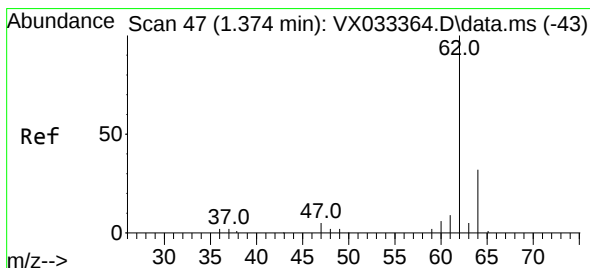
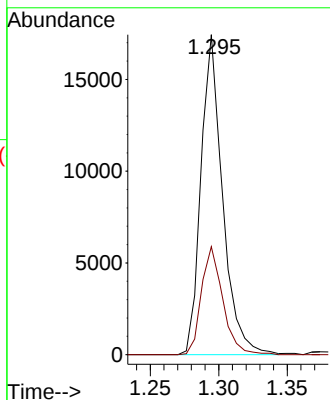
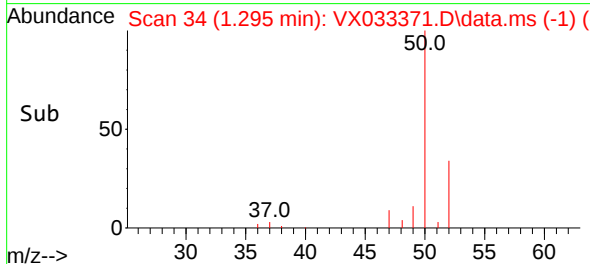
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



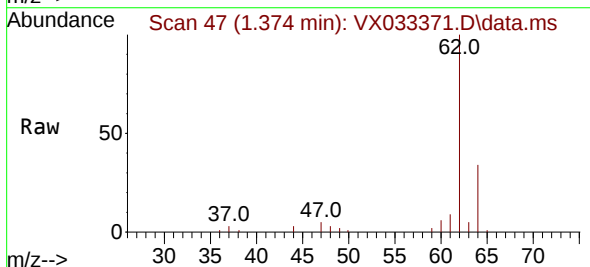
Tgt Ion: 50 Resp: 1915
Ion Ratio Lower Upper
50 100
52 33.8 24.6 36.8

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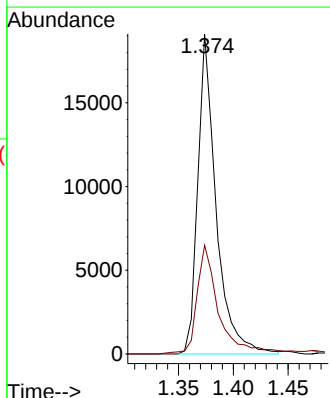
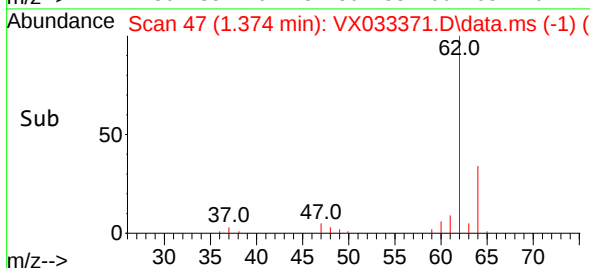
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Supervised By :Mahesh Dadoda 12/13/2022

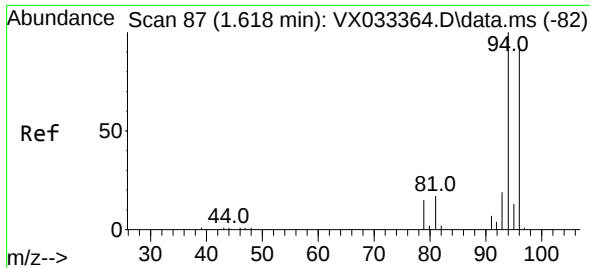


#4
Vinyl Chloride
Concen: 20.176 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51



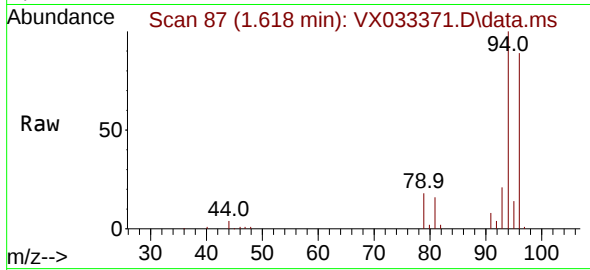
Tgt Ion: 62 Resp: 22233
Ion Ratio Lower Upper
62 100
64 33.4 25.9 38.9





#5
Bromomethane
Concen: 21.929 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

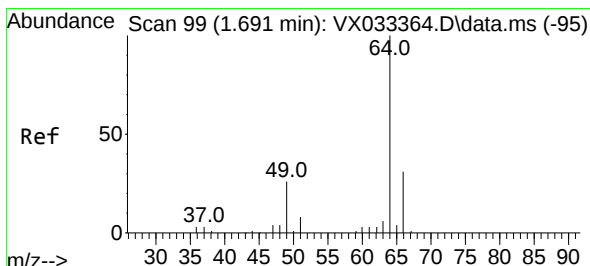
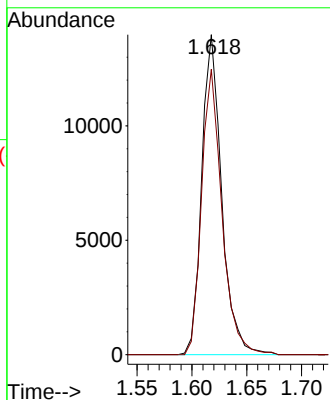
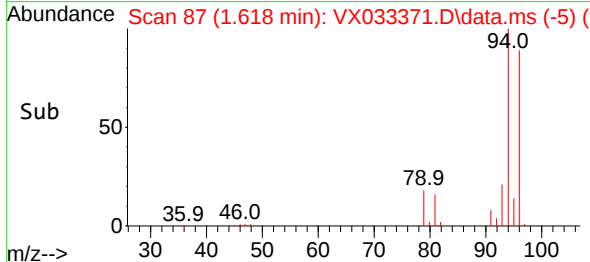
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



Tgt Ion: 94 Resp: 1767
Ion Ratio Lower Upper
94 100
96 89.2 74.2 111.2

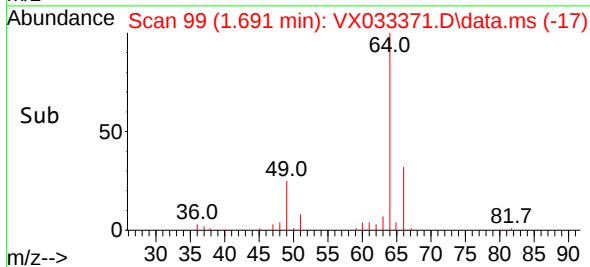
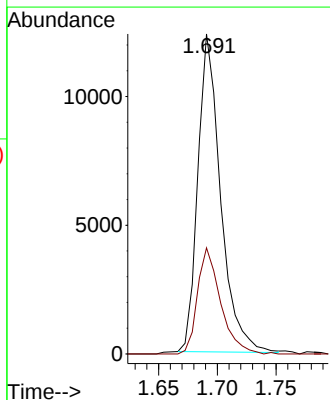
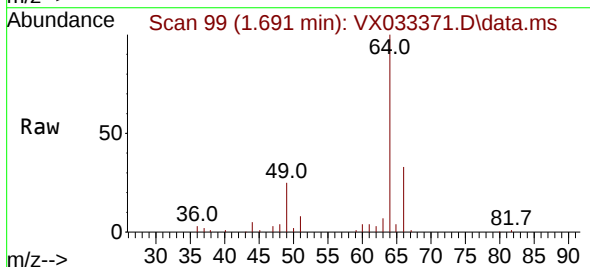
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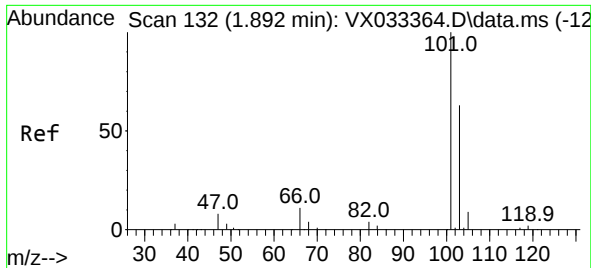
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#6
Chloroethane
Concen: 20.395 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

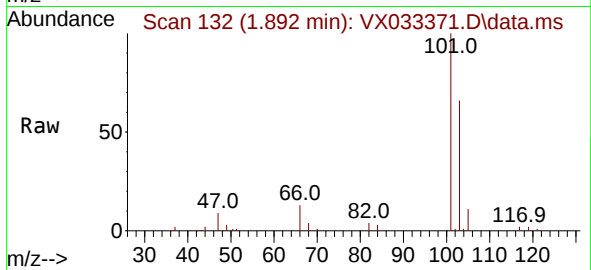
Tgt Ion: 64 Resp: 16616
Ion Ratio Lower Upper
64 100
66 33.4 24.8 37.2





#7
 Trichlorofluoromethane
 Concen: 20.402 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033371.D
 Acq: 12 Dec 2022 13:51

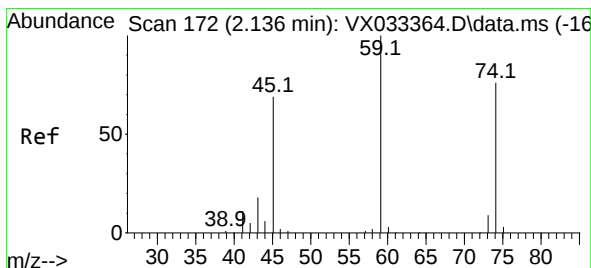
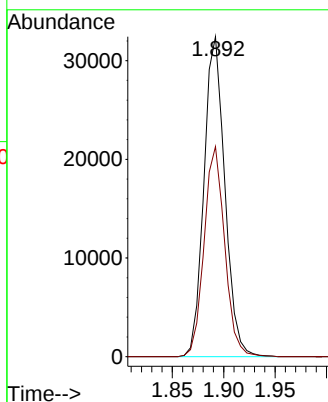
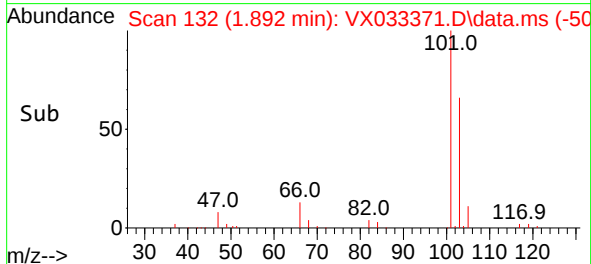
Instrument :
 MSVOA_X
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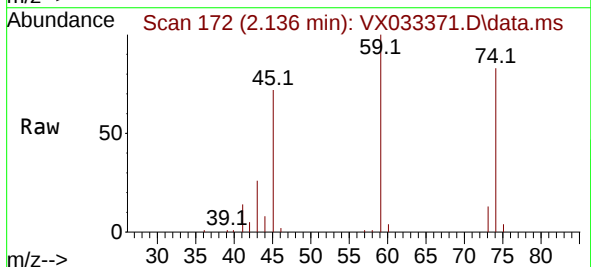
Tgt Ion:101 Resp: 45834
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.3 75.5

Manual Integrations
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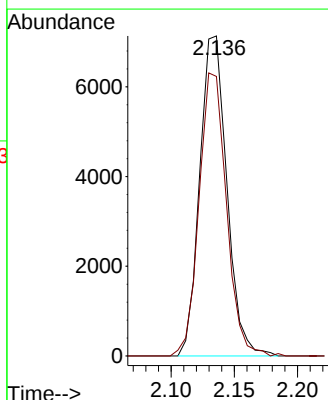
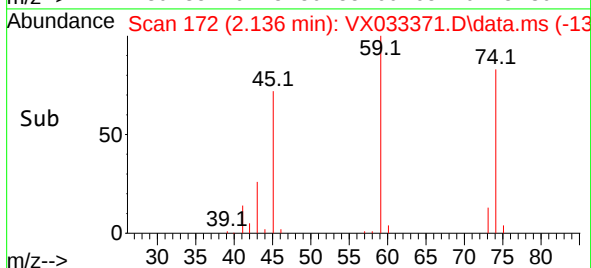
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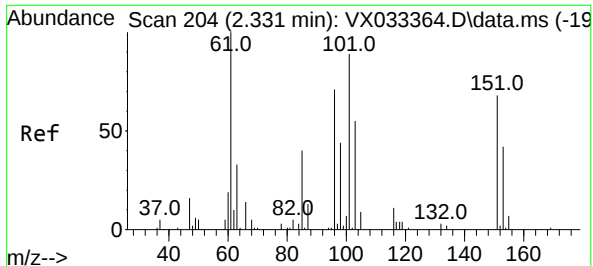


#8
 Diethyl Ether
 Concen: 15.231 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX033371.D
 Acq: 12 Dec 2022 13:51



Tgt Ion: 74 Resp: 10686
 Ion Ratio Lower Upper
 74 100
 45 88.9 18.0 161.8





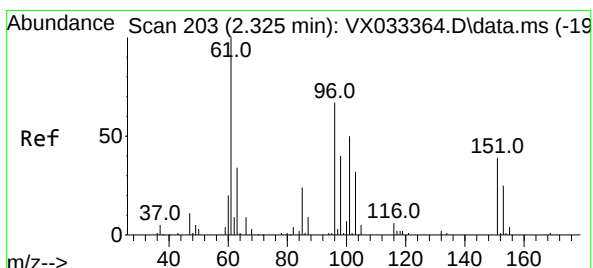
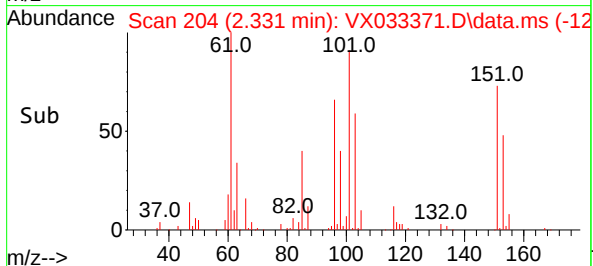
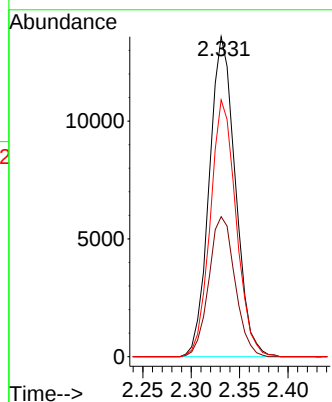
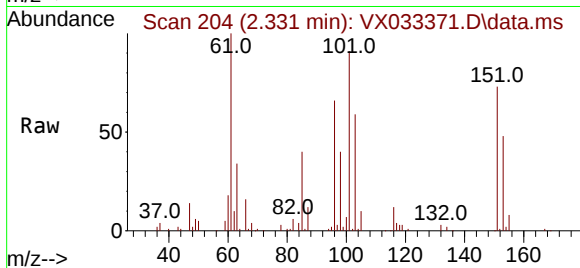
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.398 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion:101 Resp: 2554
Ion Ratio Lower Upper
101 100
85 43.9 0.0 88.8
151 79.3 0.0 162.2

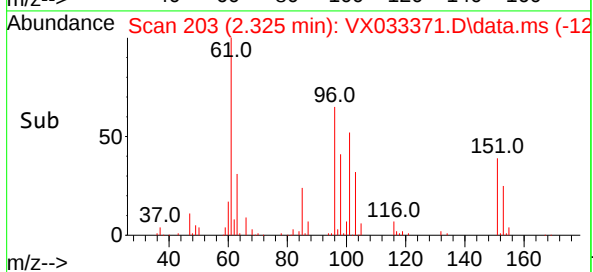
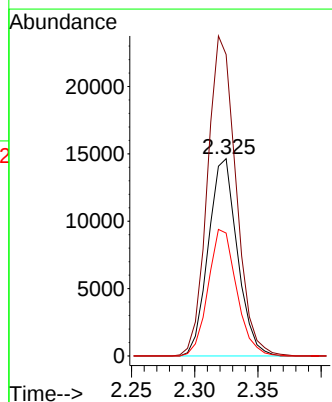
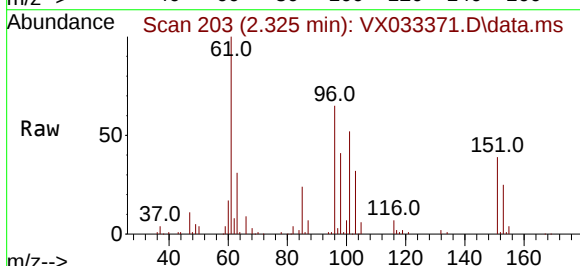
Manual Integrations
APPROVED

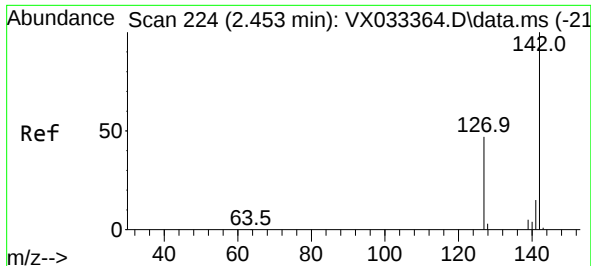
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#10
1,1-Dichloroethene
Concen: 21.756 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Tgt Ion: 96 Resp: 23364
Ion Ratio Lower Upper
96 100
61 152.2 120.5 180.7
98 62.3 47.8 71.6





#11

Methyl Iodide

Concen: 20.087 ug/l

RT: 2.453 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033371.D

Acq: 12 Dec 2022 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tgt Ion:142 Resp: 2450

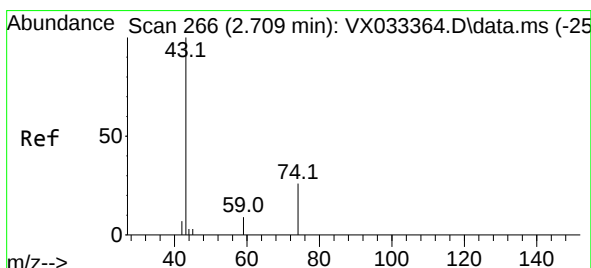
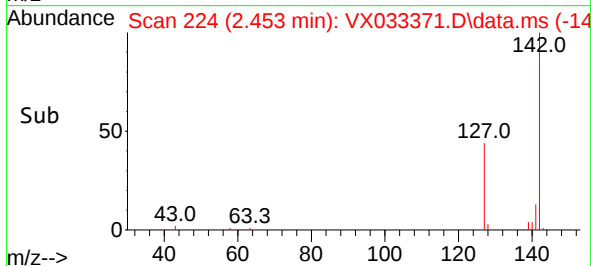
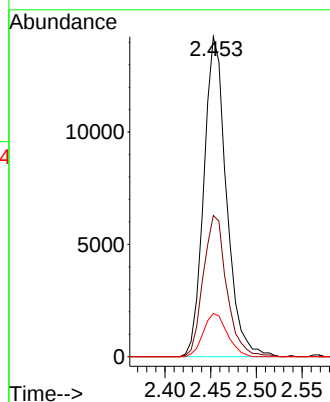
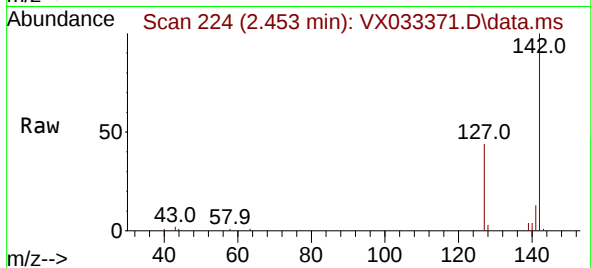
Ion	Ratio	Lower	Upper
142	100		
127	44.2	23.4	70.3
141	13.5	7.8	23.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#12

Methyl Acetate

Concen: 20.839 ug/l

RT: 2.703 min Scan# 265

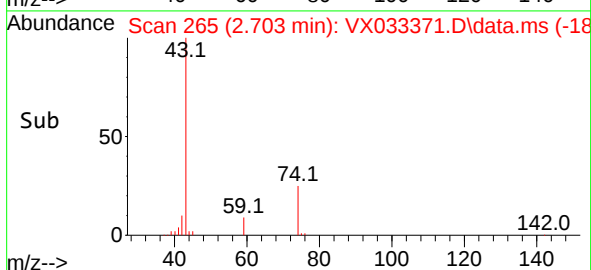
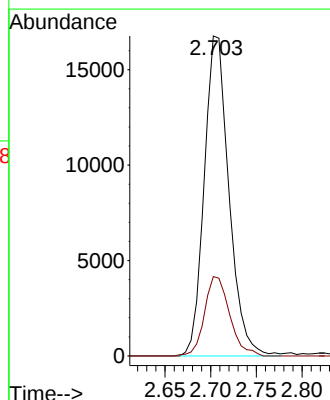
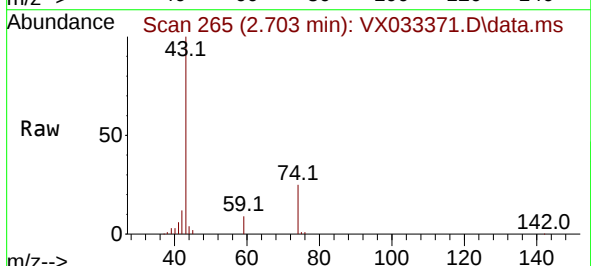
Delta R.T. -0.006 min

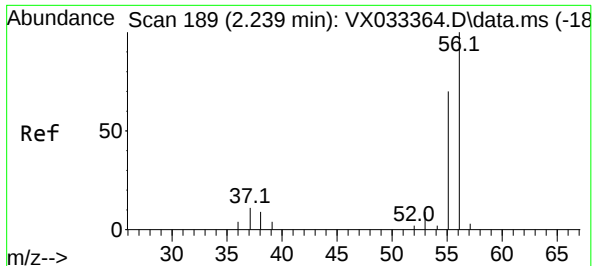
Lab File: VX033371.D

Acq: 12 Dec 2022 13:51

Tgt Ion: 43 Resp: 31560

Ion	Ratio	Lower	Upper
43	100		
74	24.7	20.6	31.0





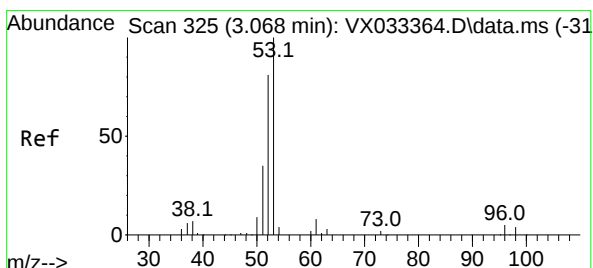
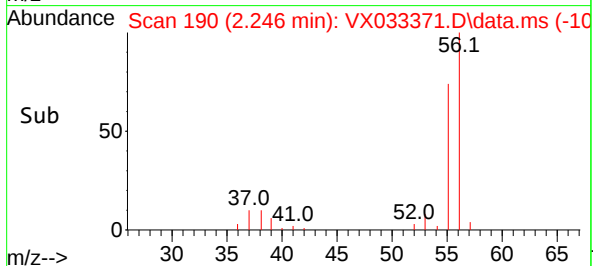
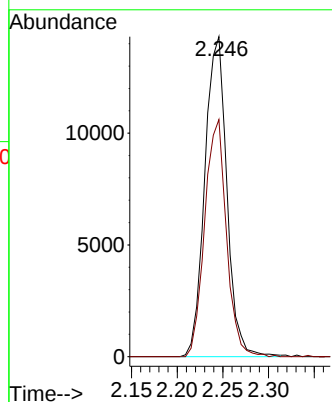
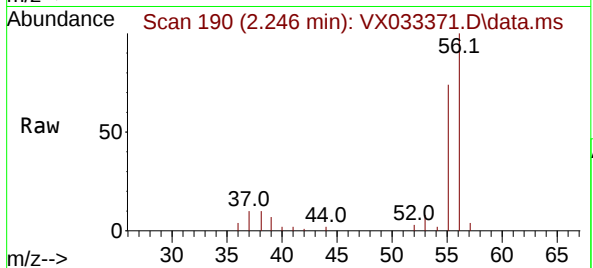
#13
Acrolein
Concen: 100.138 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion: 56 Resp: 23992
Ion Ratio Lower Upper
56 100
55 72.9 57.2 85.8

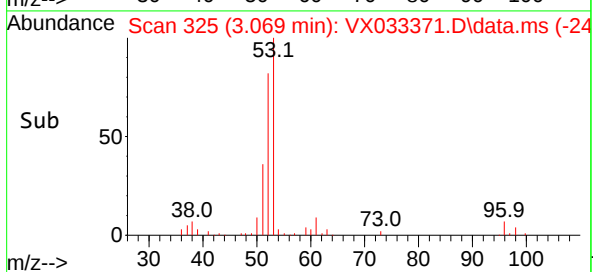
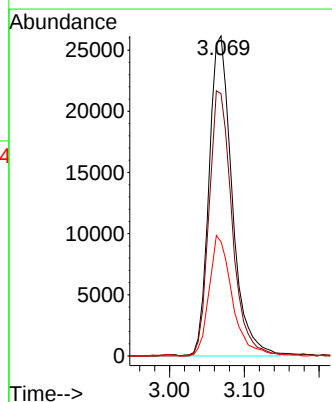
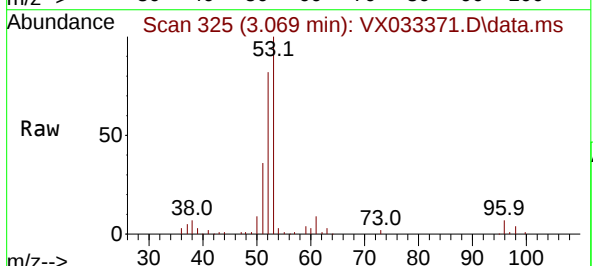
Manual Integrations
APPROVED

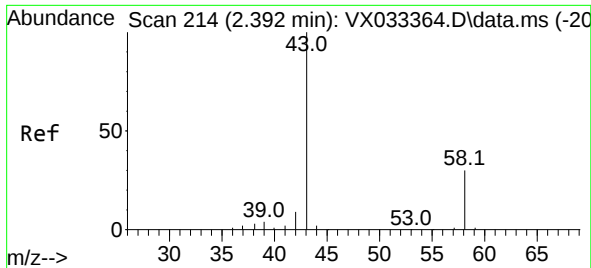
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#14
Acrylonitrile
Concen: 102.081 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

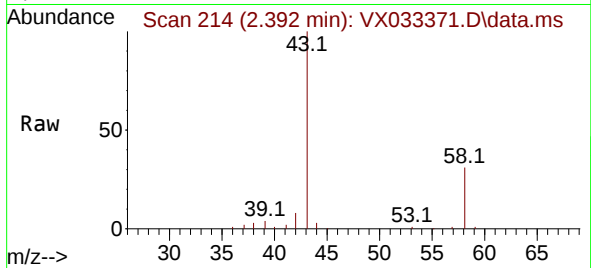
Tgt Ion: 53 Resp: 56194
Ion Ratio Lower Upper
53 100
52 82.6 40.3 120.8
51 37.9 18.4 55.4





#15
Acetone
Concen: 107.013 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

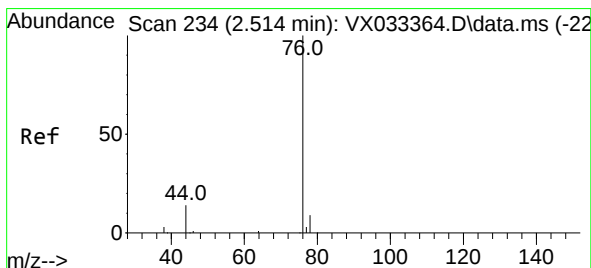
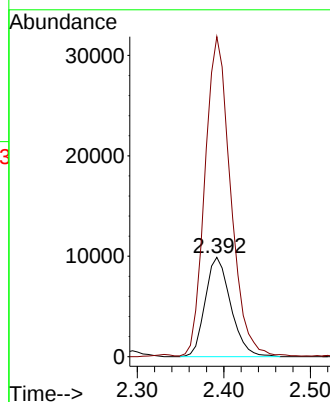
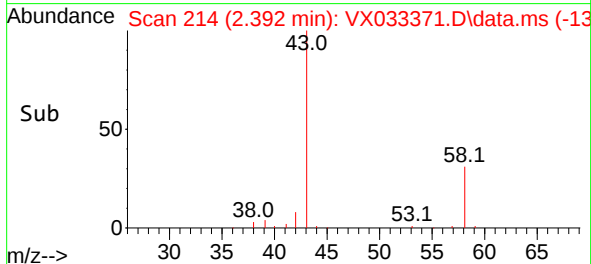
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



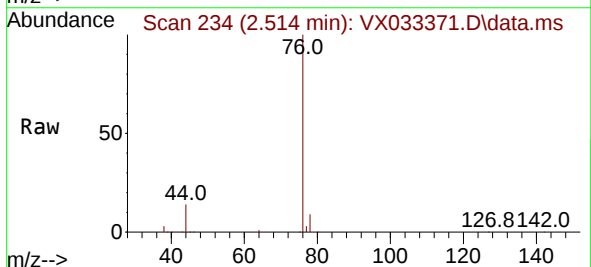
Tgt Ion: 58 Resp: 20249
Ion Ratio Lower Upper
58 100
43 321.3 262.9 394.3

Manual Integrations
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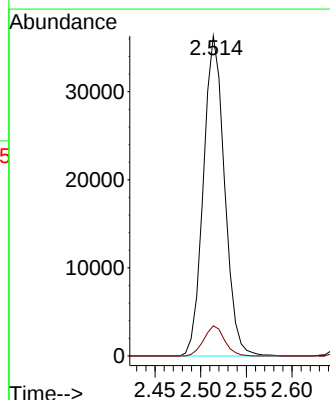
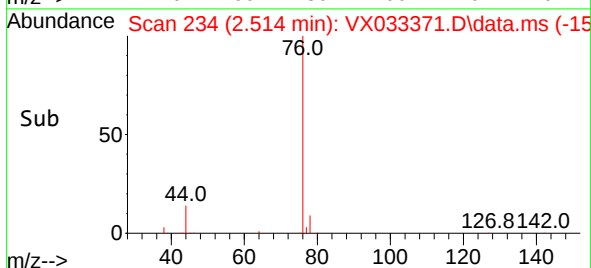
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

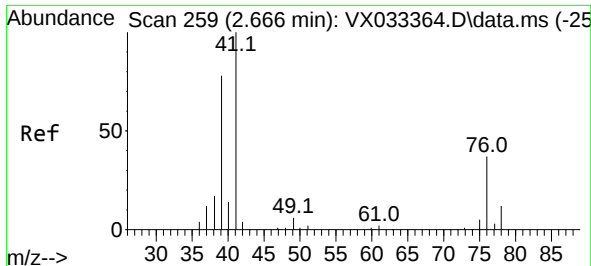


#16
Carbon Disulfide
Concen: 20.219 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51



Tgt Ion: 76 Resp: 58498
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4





#17

Allyl chloride

Concen: 20.330 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX033371.D

Acq: 12 Dec 2022 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

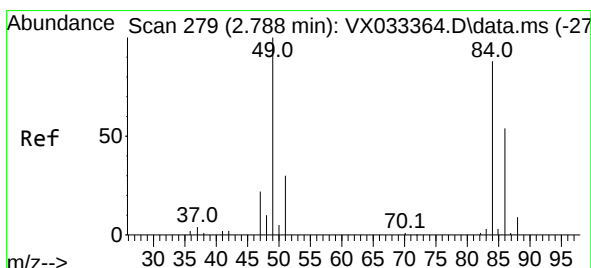
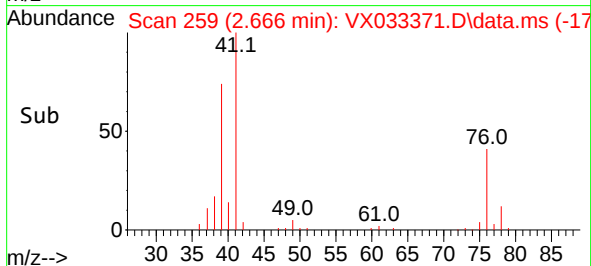
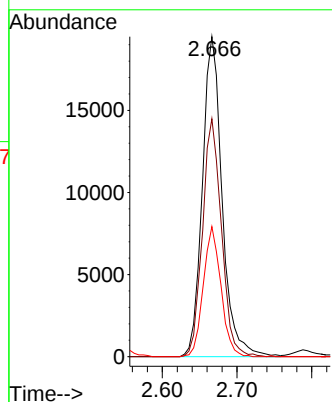
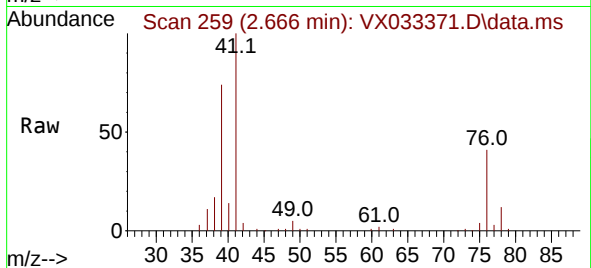
Tgt Ion: 41	Resp: 35838
Ion Ratio	Lower Upper
41	100
39	74.4 39.1 117.2
76	40.7 18.6 55.8

Manual Integrations

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Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#18

Methylene Chloride

Concen: 20.482 ug/l

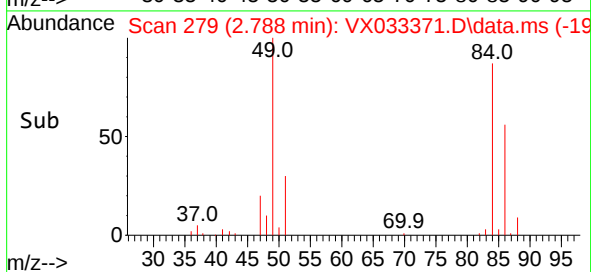
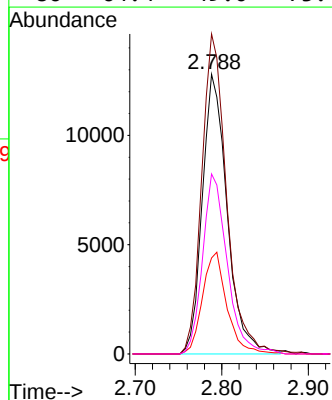
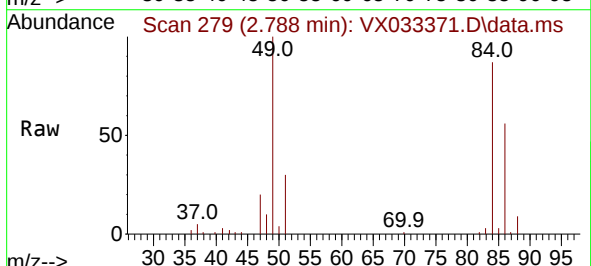
RT: 2.788 min Scan# 279

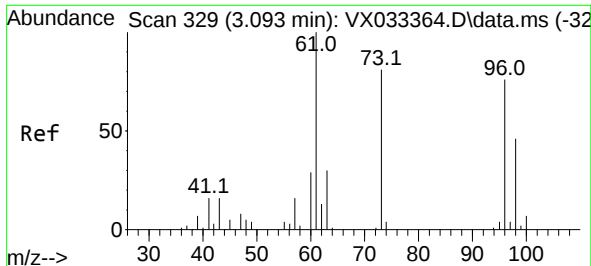
Delta R.T. 0.000 min

Lab File: VX033371.D

Acq: 12 Dec 2022 13:51

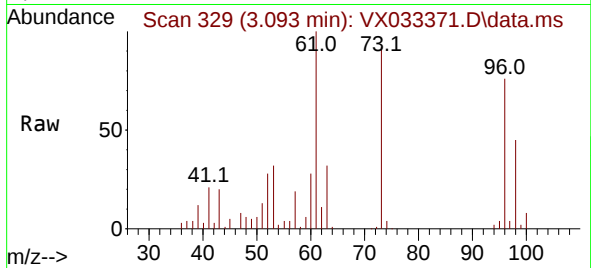
Tgt Ion: 84	Resp: 25529
Ion Ratio	Lower Upper
84	100
49	114.4 91.2 136.8
51	34.3 27.3 40.9
86	64.4 49.0 73.4





#19
trans-1,2-Dichloroethene
Concen: 20.562 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

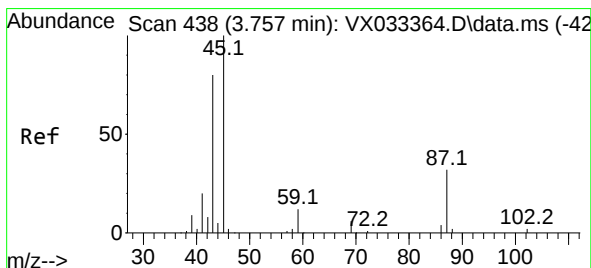
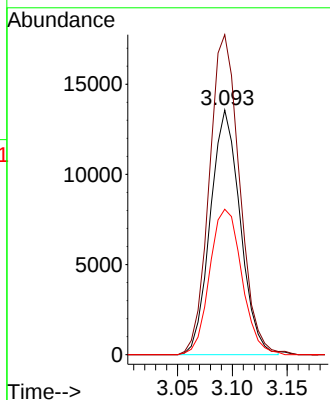
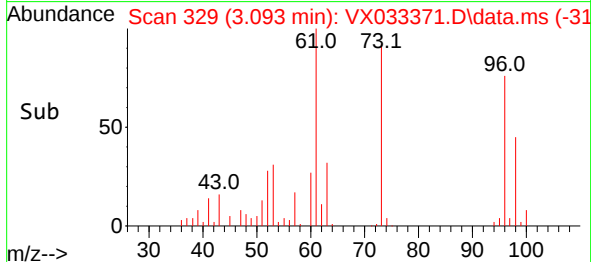
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



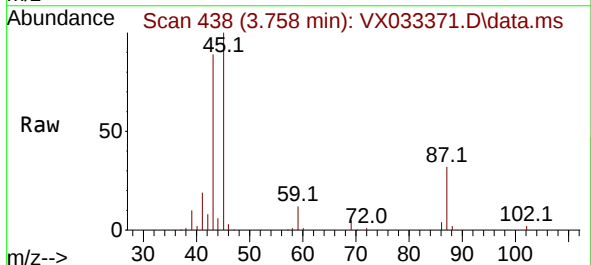
Tgt Ion: 96 Resp: 2572
Ion Ratio Lower Upper
96 100
61 130.8 105.8 158.8
98 59.4 49.1 73.7

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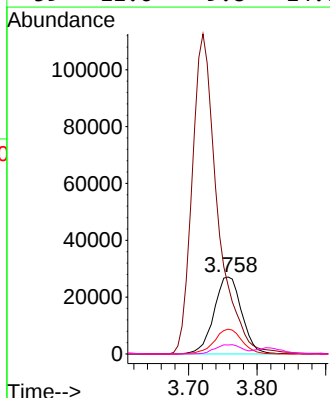
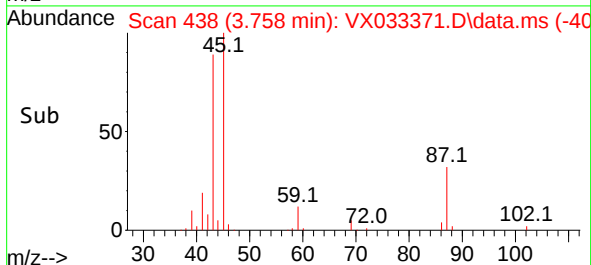
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

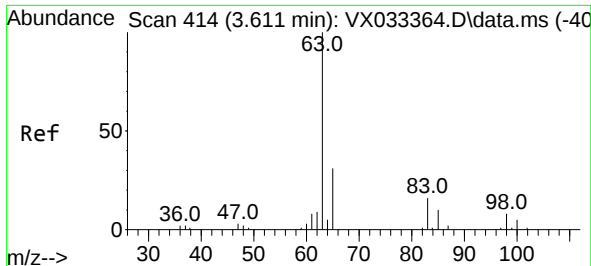


#20
Diisopropyl ether
Concen: 20.493 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51



Tgt Ion: 45 Resp: 76018
Ion Ratio Lower Upper
45 100
43 85.3 68.2 102.2
87 32.1 25.5 38.3
59 11.6 9.8 14.6





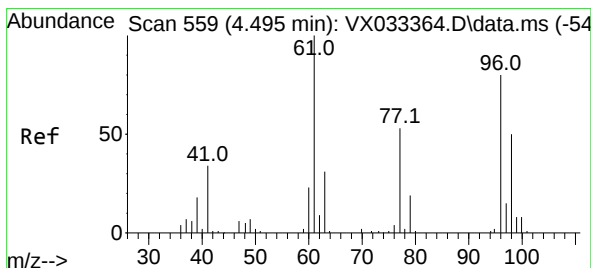
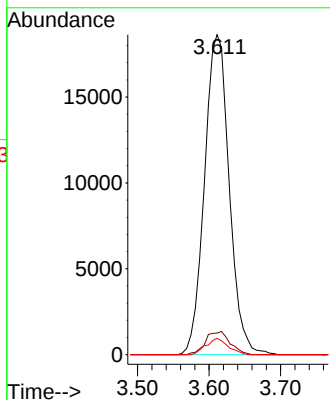
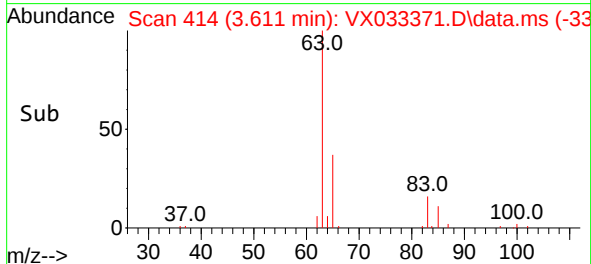
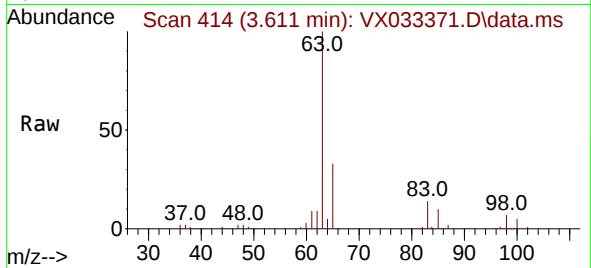
#21
1,1-Dichloroethane
Concen: 20.456 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion: 63 Resp: 44758
Ion Ratio Lower Upper
63 100
98 6.7 4.0 11.9
100 5.1 2.8 8.3

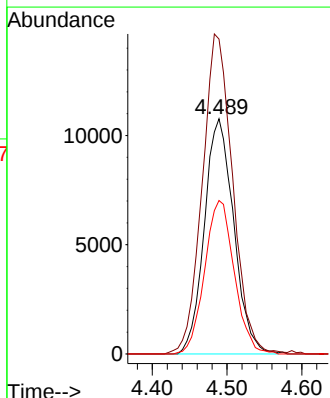
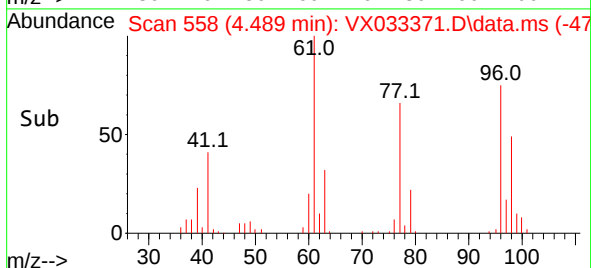
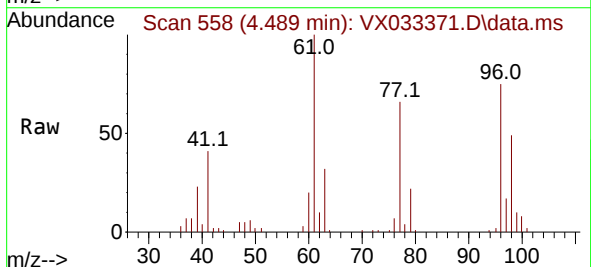
Manual Integrations
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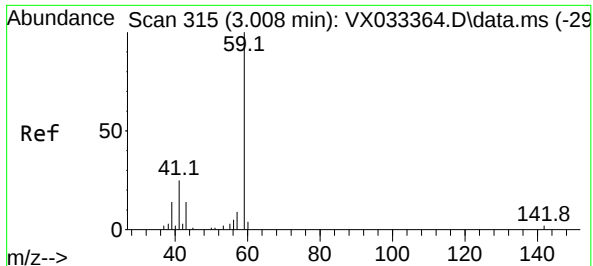
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#22
cis-1,2-Dichloroethene
Concen: 20.284 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

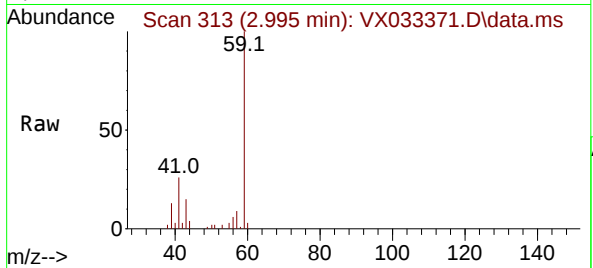
Tgt Ion: 96 Resp: 29459
Ion Ratio Lower Upper
96 100
61 139.8 113.5 170.3
98 65.7 51.9 77.9





#23
tert-Butyl Alcohol
Concen: 106.740 ug/l m
RT: 2.995 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

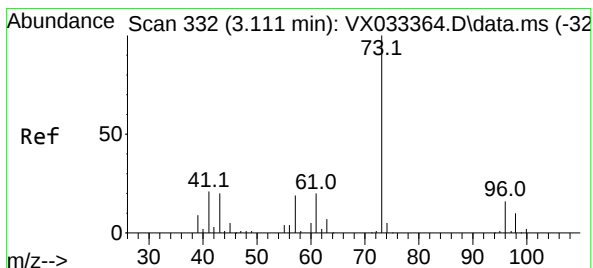
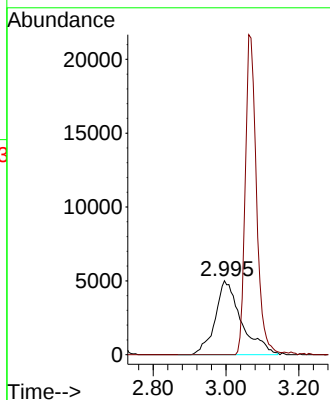
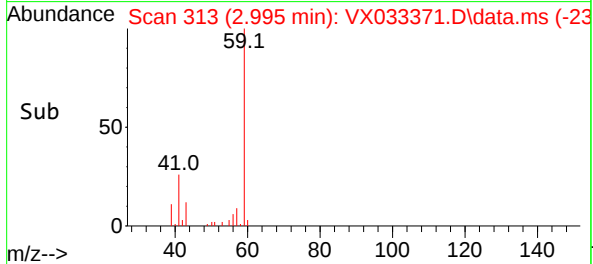
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



Tgt Ion: 59 Resp: 25074
Ion Ratio Lower Upper
59 100
52 185.0 149.0 223.6

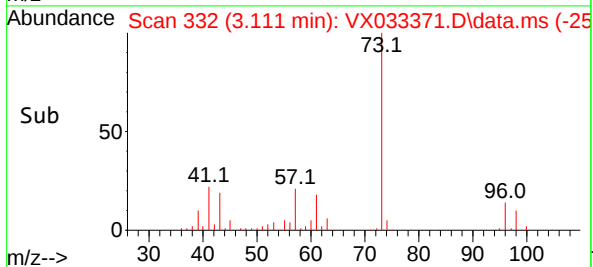
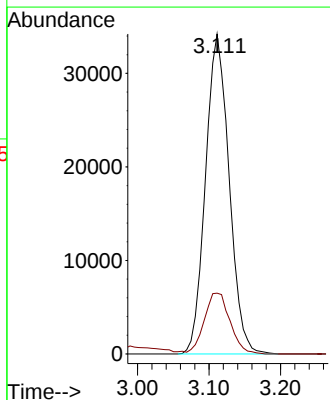
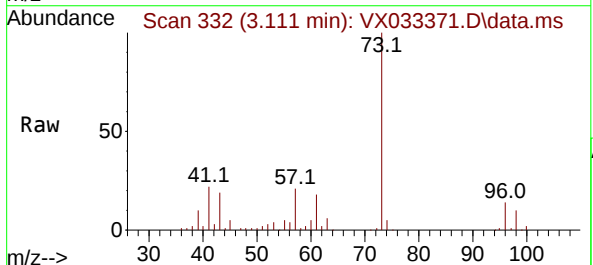
Manual Integrations
APPROVED

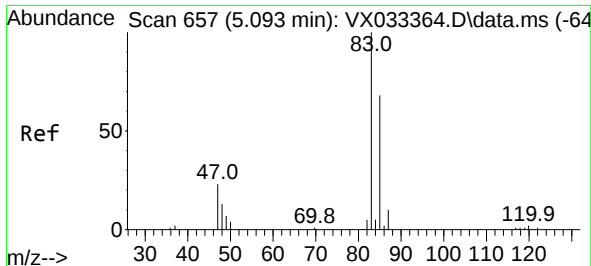
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#24
Methyl tert-Butyl Ether
Concen: 20.236 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Tgt Ion: 73 Resp: 78636
Ion Ratio Lower Upper
73 100
43 20.7 16.8 25.2





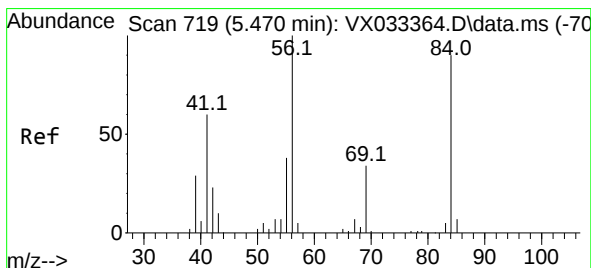
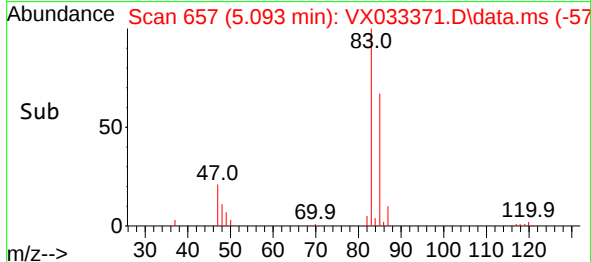
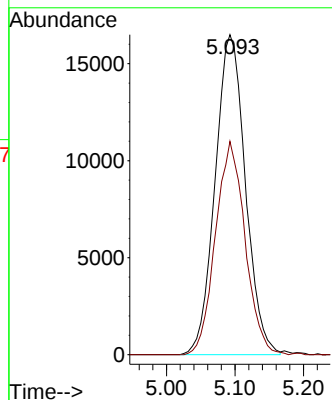
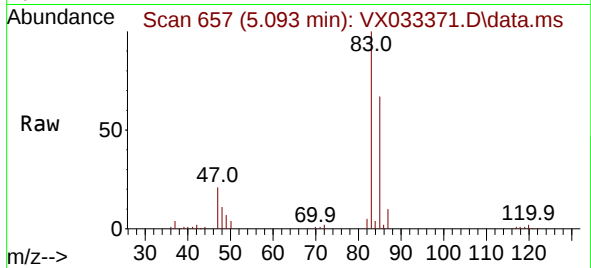
#25
Chloroform
Concen: 20.337 ug/l
RT: 5.093 min Scan# 613
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion: 83 Resp: 5063
Ion Ratio Lower Upper
83 100
85 66.7 54.2 81.2

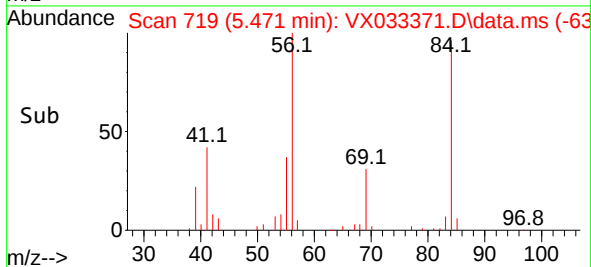
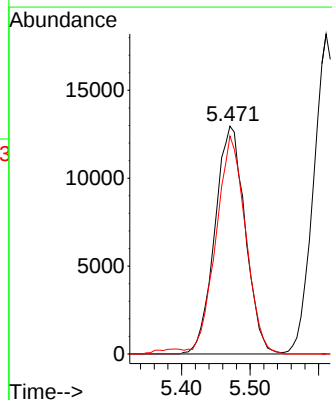
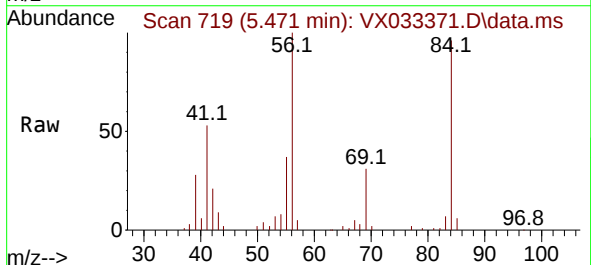
Manual Integrations
APPROVED

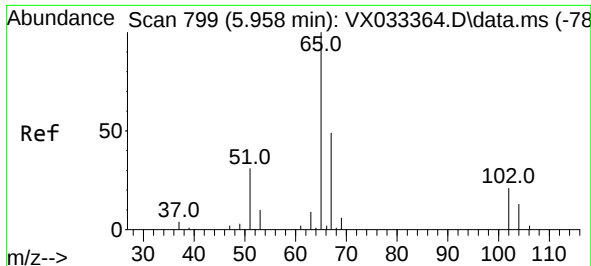
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#26
Cyclohexane
Concen: 20.801 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Tgt Ion: 56 Resp: 39808
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 93.2 74.7 112.1





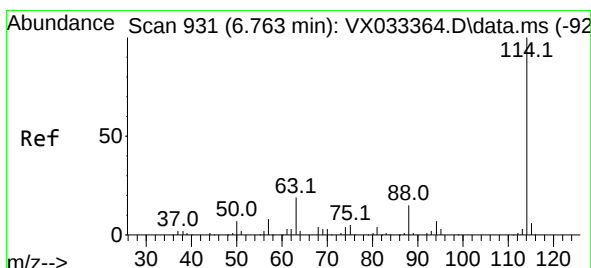
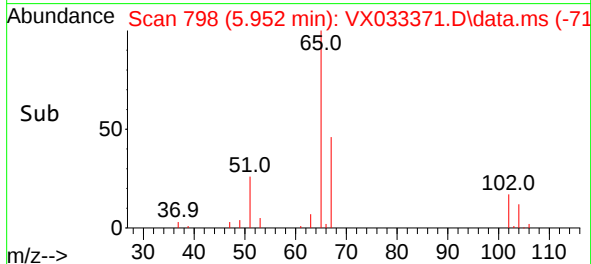
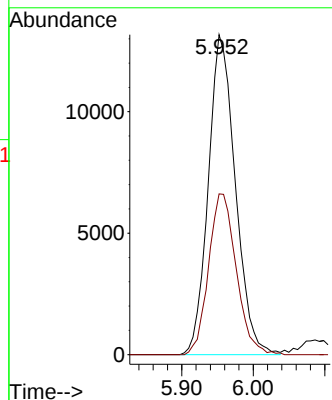
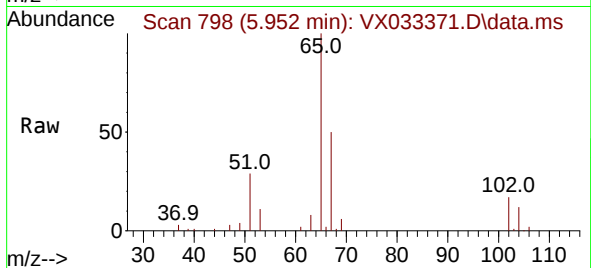
#27
1,2-Dichloroethane-d4
Concen: 31.651 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion: 65 Resp: 3464
Ion Ratio Lower Upper
65 100
67 51.4 39.8 59.8

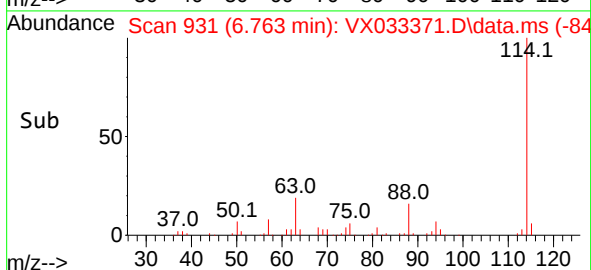
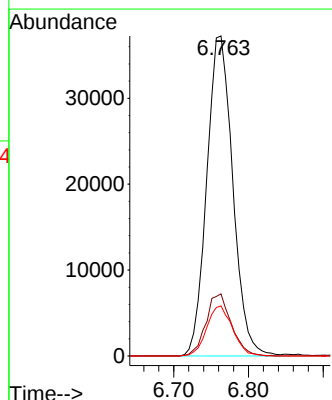
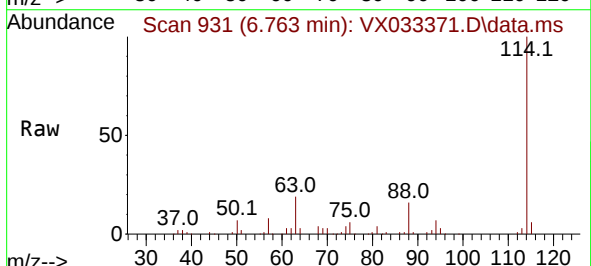
Manual Integrations
APPROVED

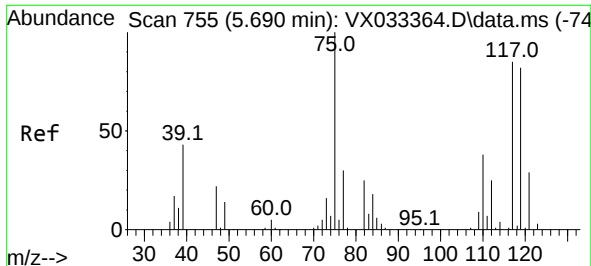
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Tgt Ion:114 Resp: 90234
Ion Ratio Lower Upper
114 100
63 18.9 15.2 22.8
88 15.5 12.2 18.4





#29

1,1-Dichloropropene

Concen: 19.864 ug/l

RT: 5.696 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX033371.D

Acq: 12 Dec 2022 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

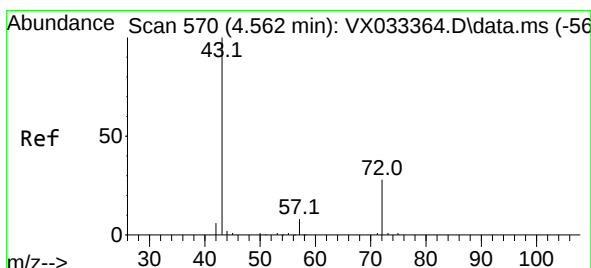
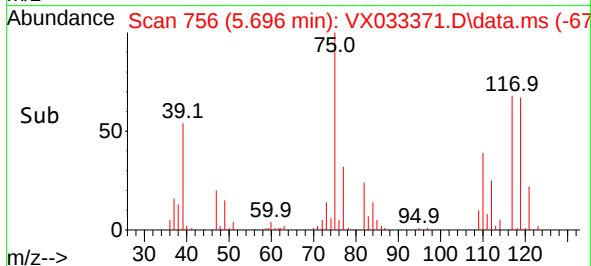
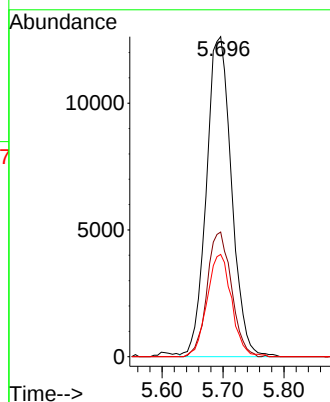
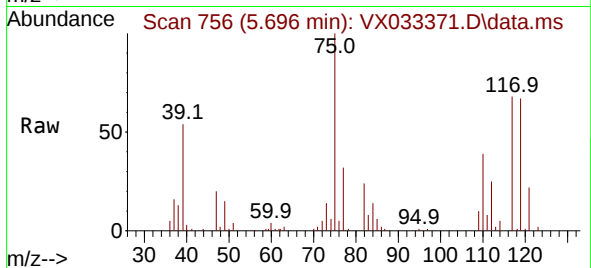
Tgt Ion: 75	Resp: 36220
Ion Ratio	Lower Upper
75	100
110	37.7 0.0 73.6
77	30.9 0.0 62.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#30

2-Butanone

Concen: 99.447 ug/l

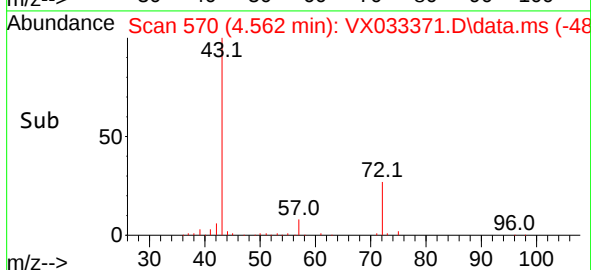
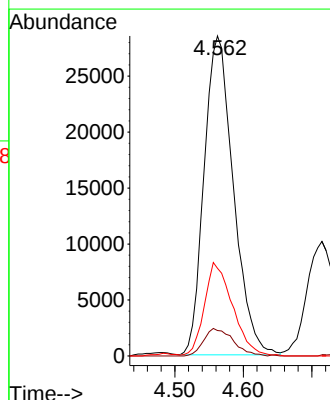
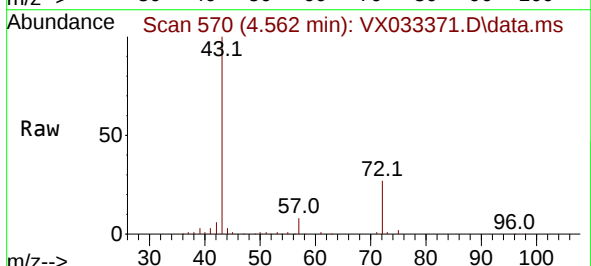
RT: 4.562 min Scan# 570

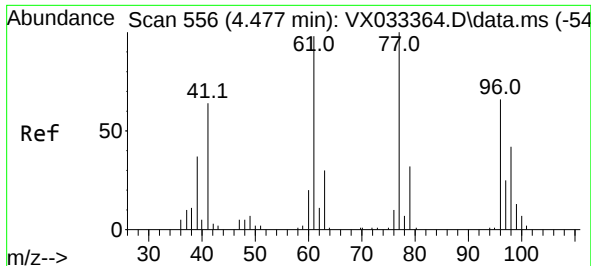
Delta R.T. 0.000 min

Lab File: VX033371.D

Acq: 12 Dec 2022 13:51

Tgt Ion: 43	Resp: 84780
Ion Ratio	Lower Upper
43	100
57	8.6 6.6 9.8
72	27.6 22.5 33.7





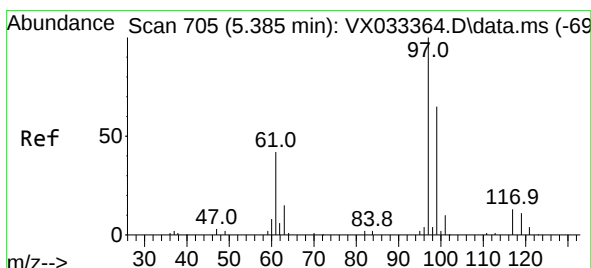
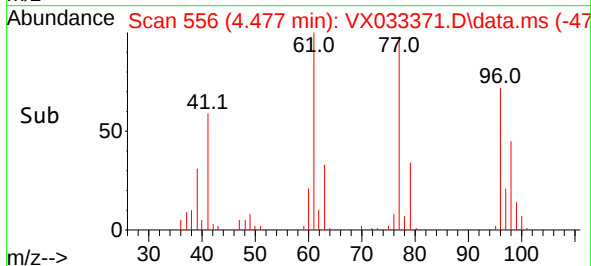
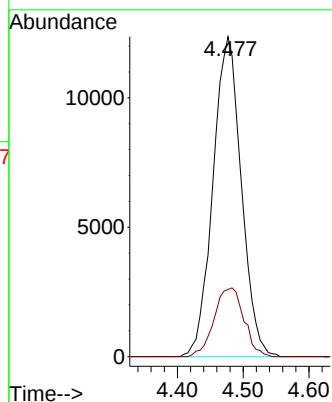
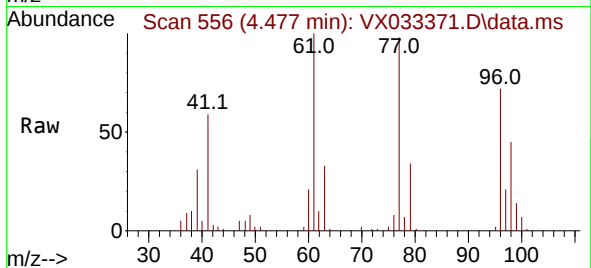
#31
2,2-Dichloropropane
Concen: 19.353 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion: 77 Resp: 37092
Ion Ratio Lower Upper
77 100
97 22.6 18.1 27.1

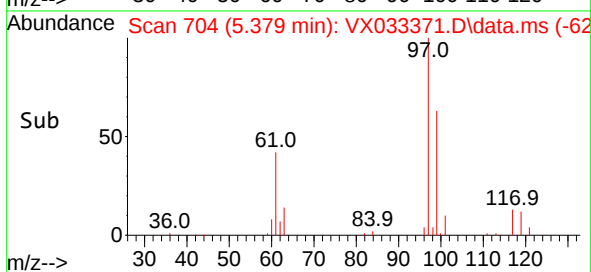
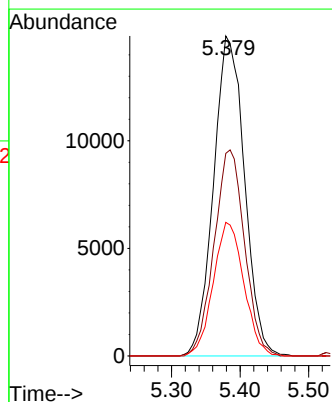
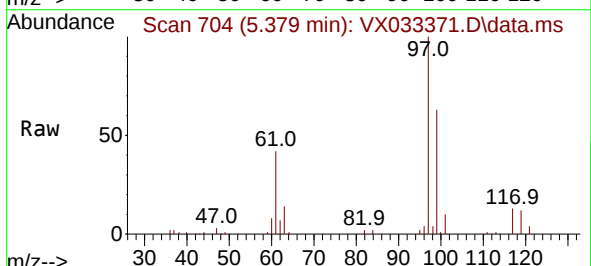
Manual Integrations
APPROVED

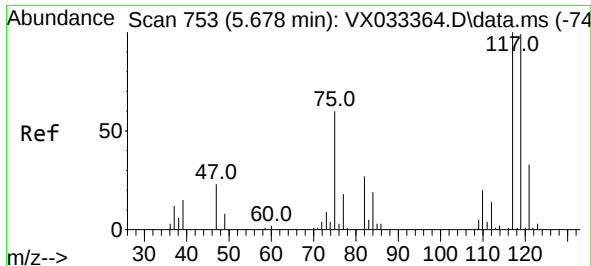
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#32
1,1,1-Trichloroethane
Concen: 19.810 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

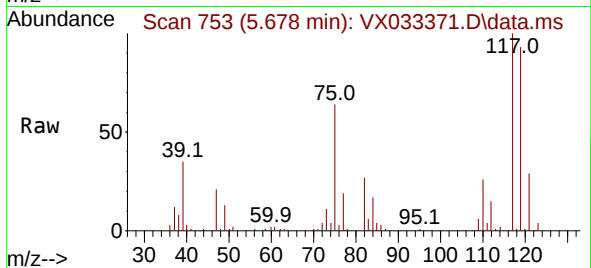
Tgt Ion: 97 Resp: 46636
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.4
61 41.3 34.3 51.5





#33
Carbon Tetrachloride
Concen: 19.366 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

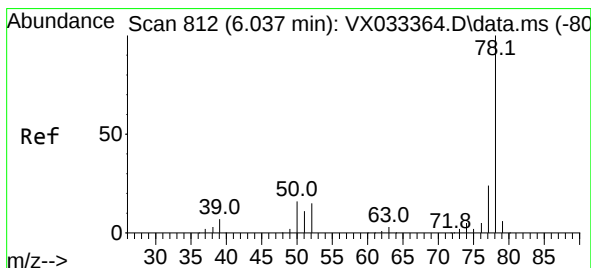
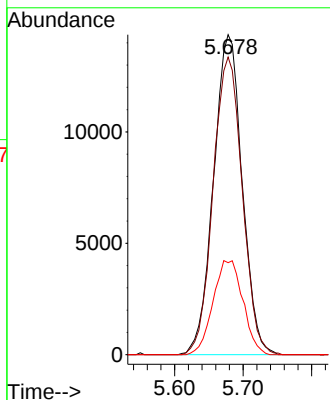
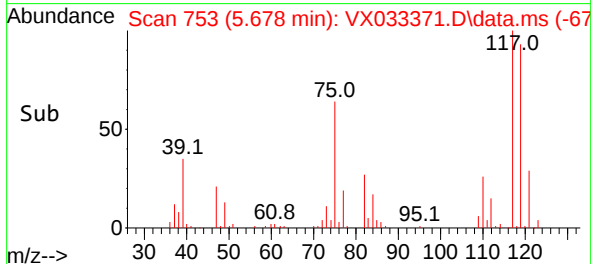
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



Tgt Ion:117 Resp: 41690
Ion Ratio Lower Upper
117 100
119 93.0 79.5 119.3
121 28.8 26.2 39.2

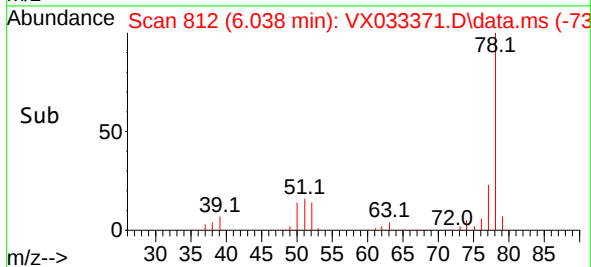
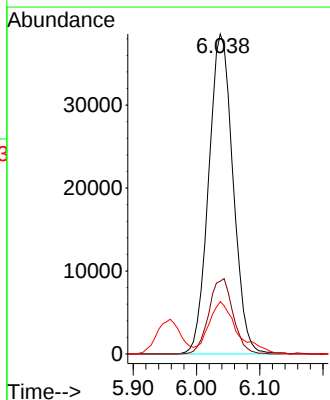
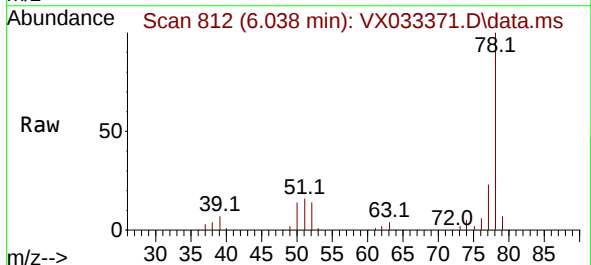
Manual Integrations
APPROVED

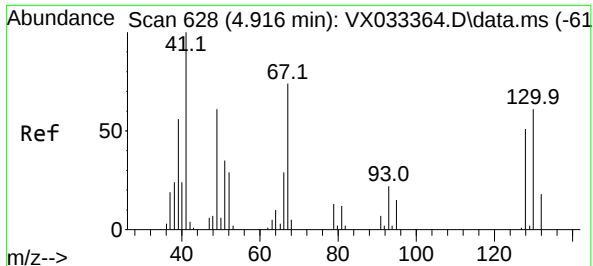
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#34
Benzene
Concen: 19.752 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

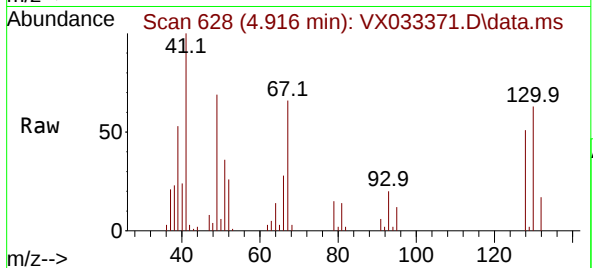
Tgt Ion: 78 Resp: 103230
Ion Ratio Lower Upper
78 100
77 22.7 19.2 28.8
51 15.9 12.6 18.8





#35
Methacrylonitrile
Concen: 19.902 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

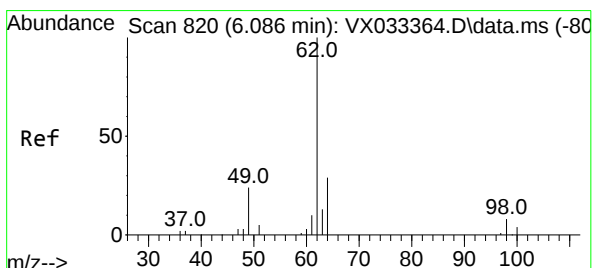
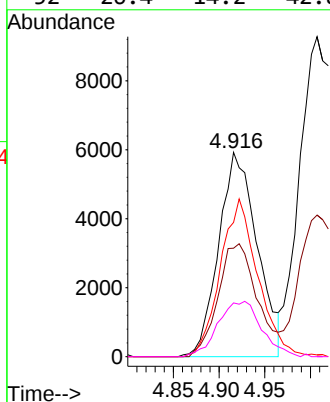
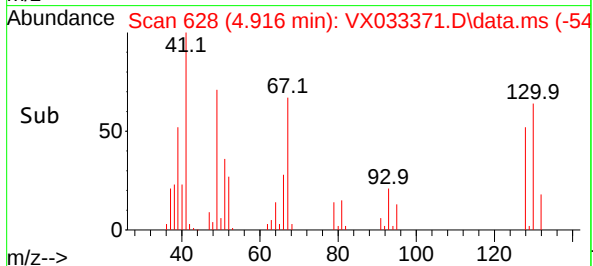
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



Tgt Ion: 41 Resp: 1738
Ion Ratio Lower Upper
41 100
39 53.1 27.8 83.3
67 65.7 37.0 110.9
52 26.4 14.2 42.8

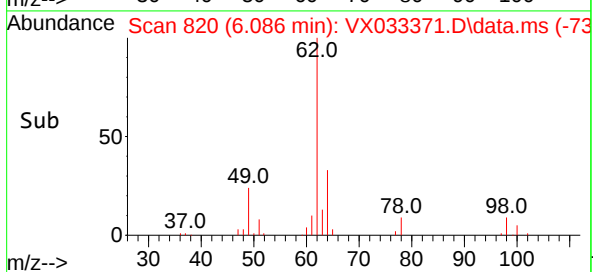
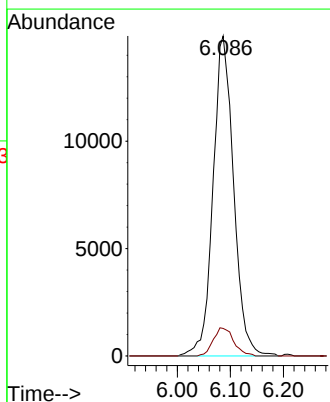
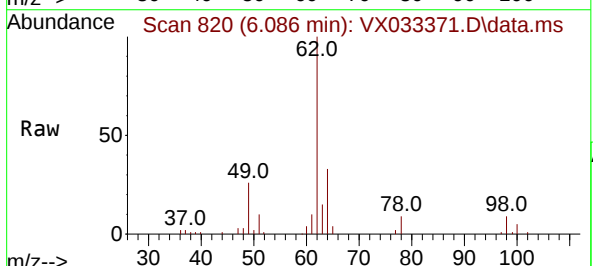
Manual Integrations
APPROVED

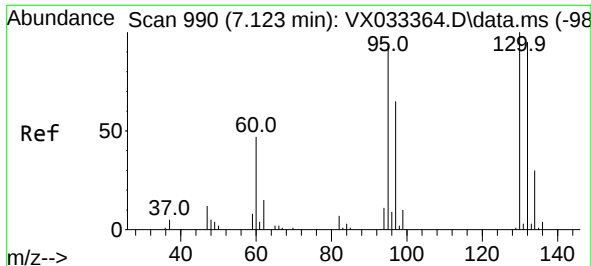
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#36
1,2-Dichloroethane
Concen: 20.004 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

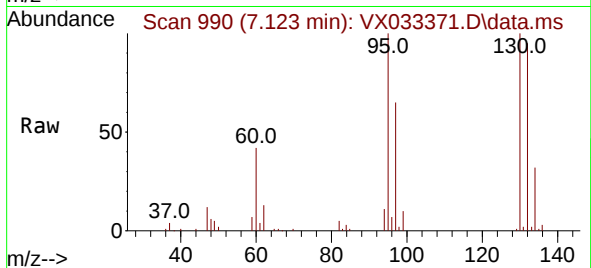
Tgt Ion: 62 Resp: 40187
Ion Ratio Lower Upper
62 100
98 8.7 6.4 9.6





#37
Trichloroethene
Concen: 19.628 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

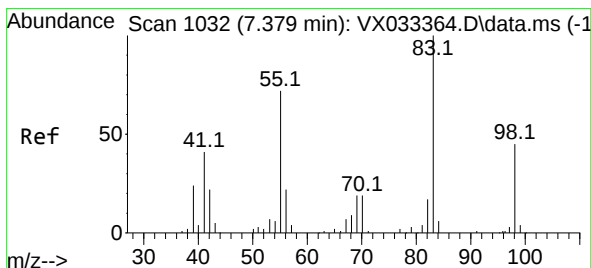
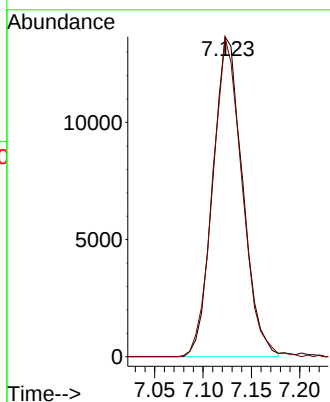
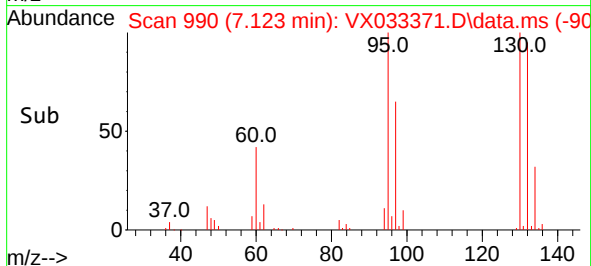
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



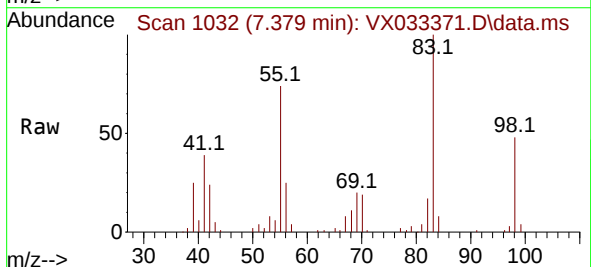
Tgt Ion:130 Resp: 29128
Ion Ratio Lower Upper
130 100
95 99.7 74.6 112.0

Manual Integrations
APPROVED

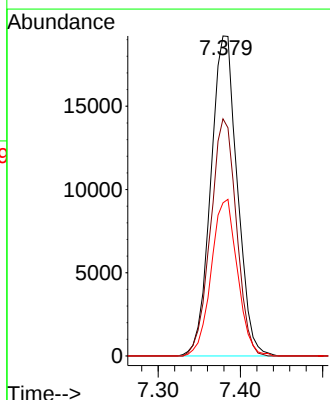
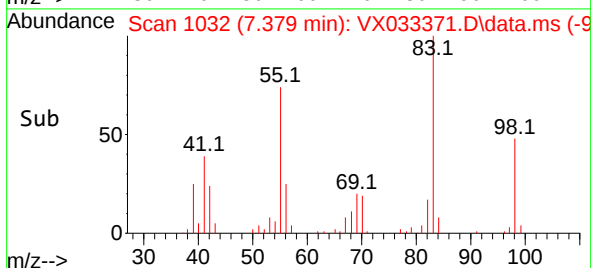
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

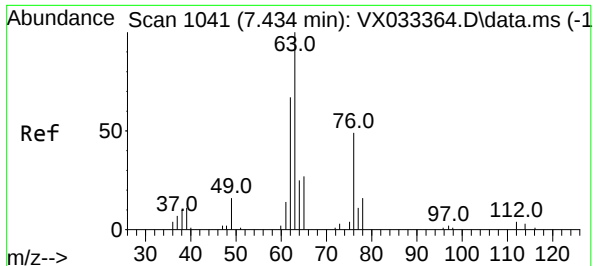


#38
Methylcyclohexane
Concen: 20.021 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51



Tgt Ion: 83 Resp: 43023
Ion Ratio Lower Upper
83 100
55 72.4 36.2 108.6
98 48.4 23.4 70.2





#39

1,2-Dichloropropane

Concen: 19.741 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033371.D

Acq: 12 Dec 2022 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tgt Ion: 63 Resp: 25720

Ion Ratio Lower Upper

63 100

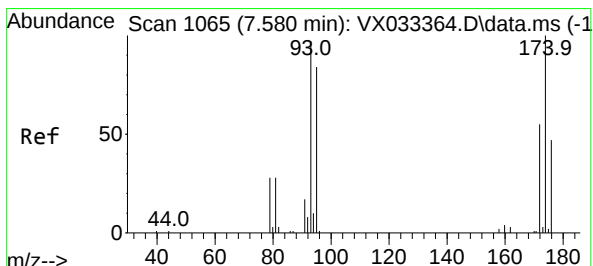
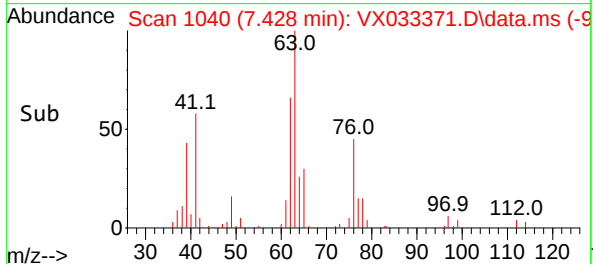
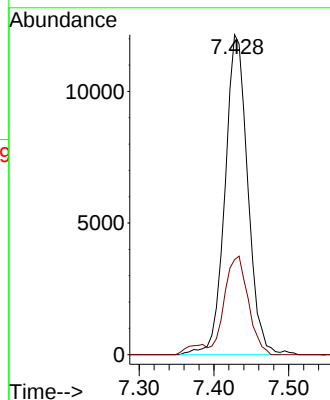
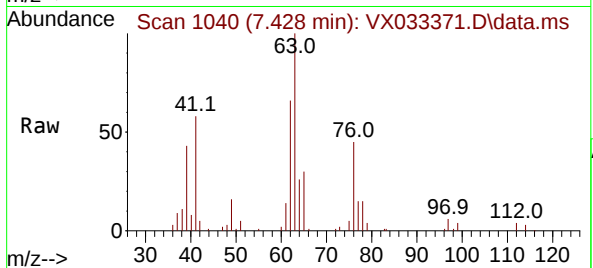
65 29.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#40

Dibromomethane

Concen: 19.742 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033371.D

Acq: 12 Dec 2022 13:51

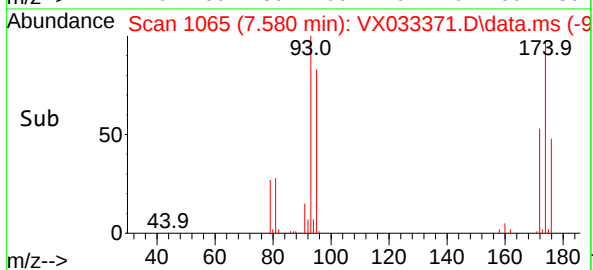
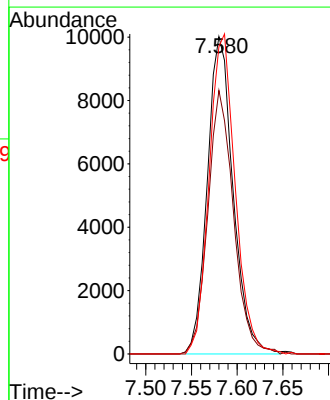
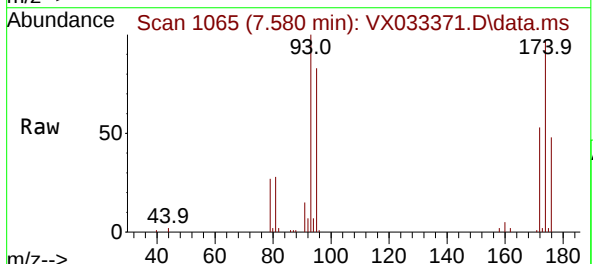
Tgt Ion: 93 Resp: 19685

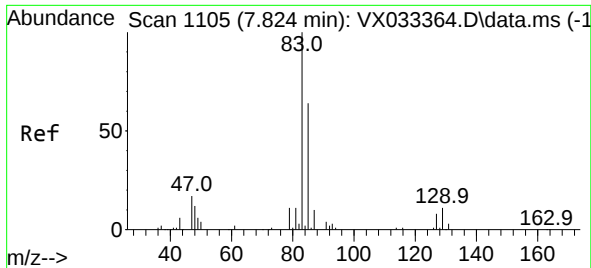
Ion Ratio Lower Upper

93 100

95 82.4 0.0 170.2

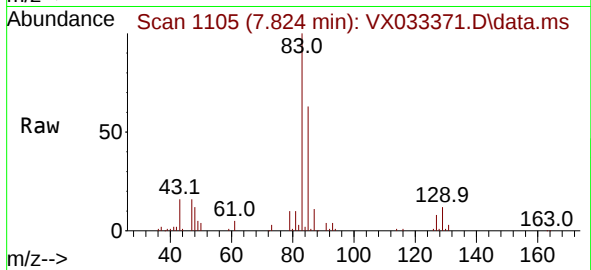
174 101.7 0.0 206.8





#41
Bromodichloromethane
Concen: 19.162 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

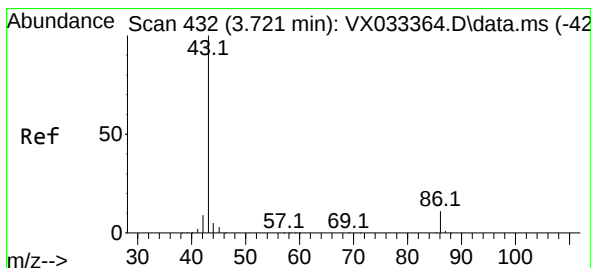
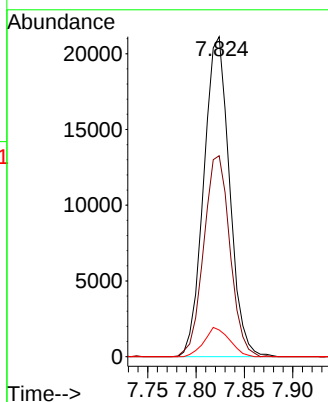
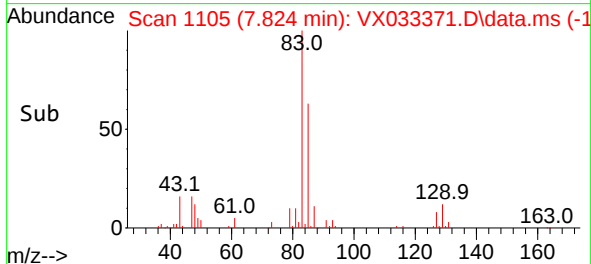
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



Tgt Ion: 83 Resp: 3915
Ion Ratio Lower Upper
83 100
85 62.8 50.9 76.3
127 8.4 6.8 10.2

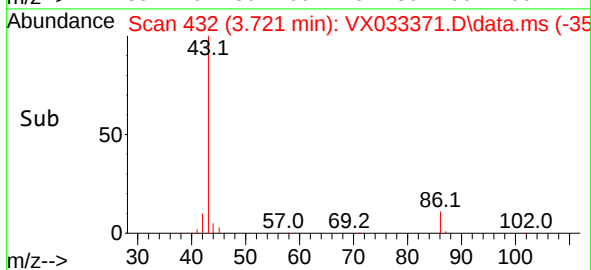
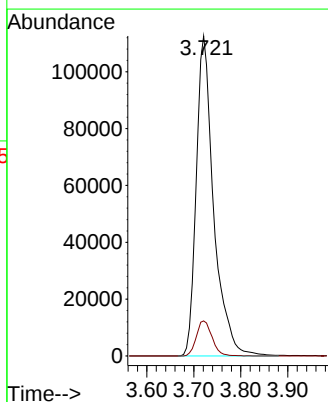
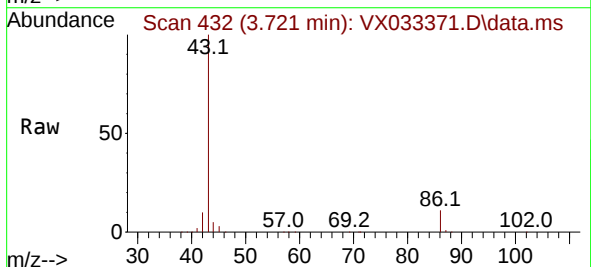
Manual Integrations
APPROVED

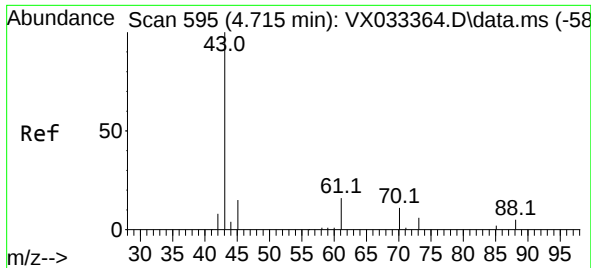
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#42
Vinyl Acetate
Concen: 98.626 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Tgt Ion: 43 Resp: 291097
Ion Ratio Lower Upper
43 100
86 9.8 7.8 11.8





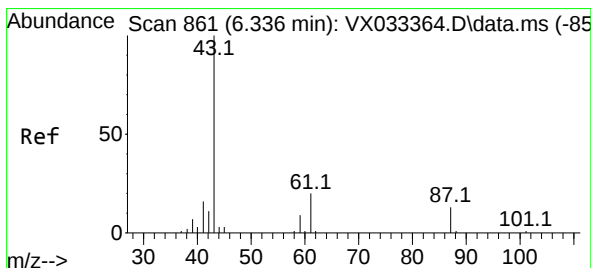
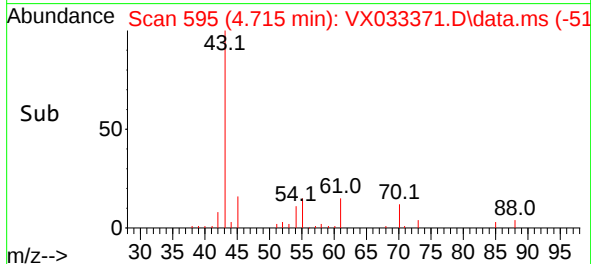
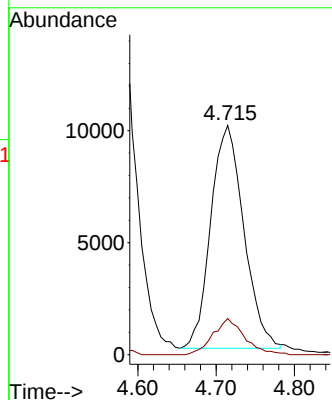
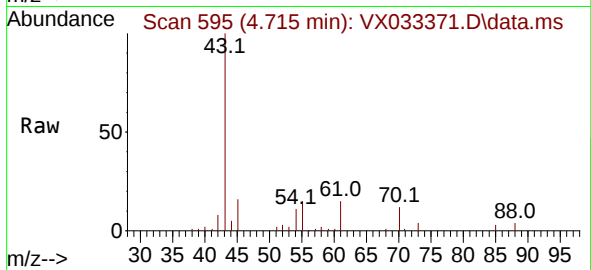
#43
Ethyl Acetate
Concen: 19.032 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion: 43 Resp: 2917
Ion Ratio Lower Upper
43 100
45 15.5 12.0 18.0

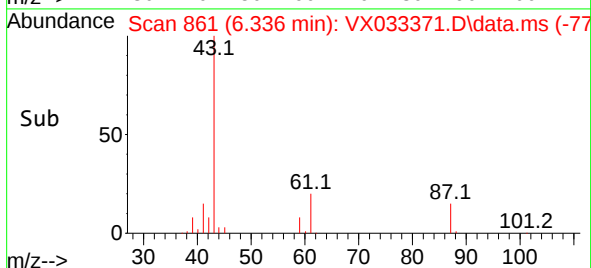
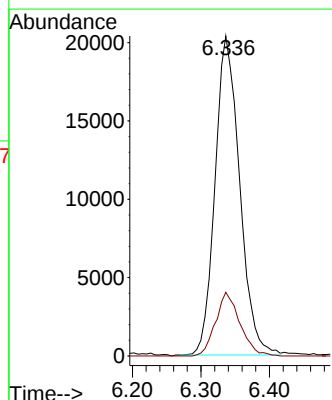
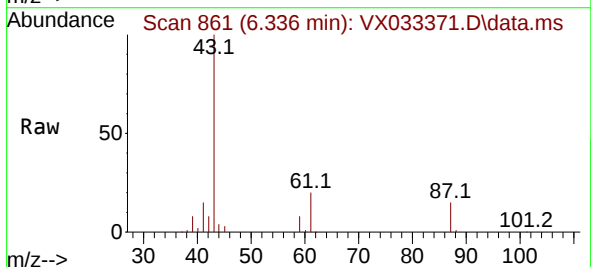
Manual Integrations
APPROVED

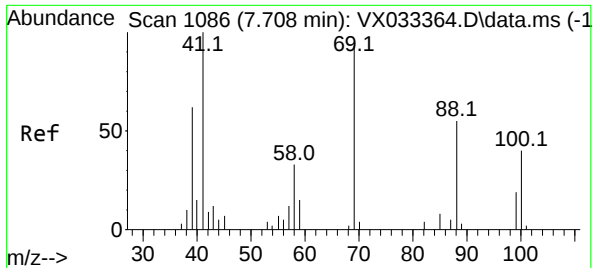
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#44
Isopropyl Acetate
Concen: 19.482 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

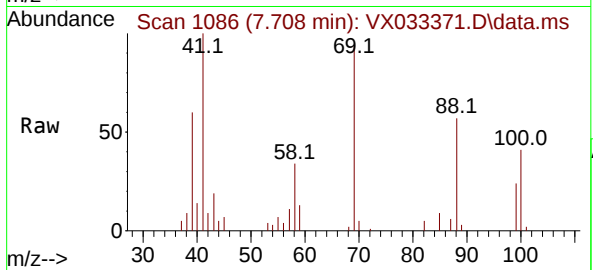
Tgt Ion: 43 Resp: 50695
Ion Ratio Lower Upper
43 100
61 19.7 15.7 23.5





#45
1,4-Dioxane
Concen: 422.304 ug/l m
RT: 7.708 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

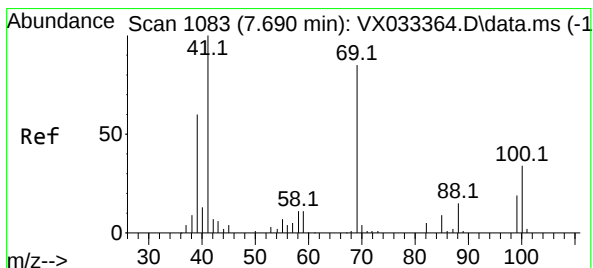
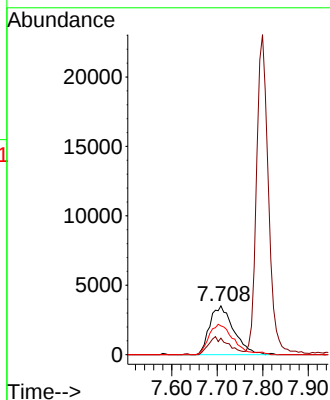
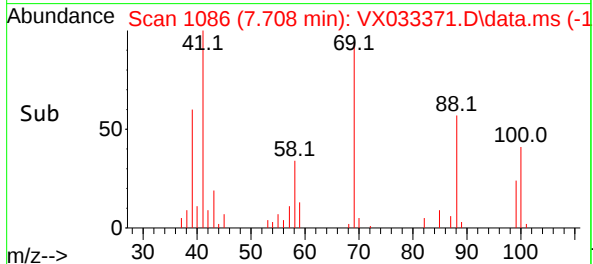
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



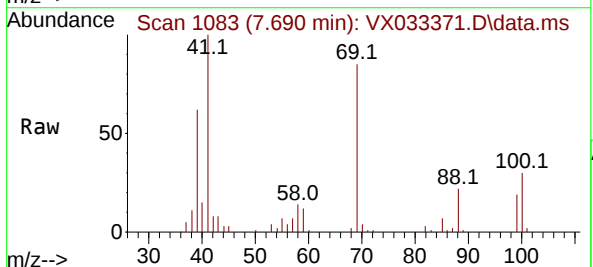
Tgt Ion: 88 Resp: 1287
Ion Ratio Lower Upper
88 100
43 15.3 12.4 18.6
58 61.6 51.1 76.7

Manual Integrations
APPROVED

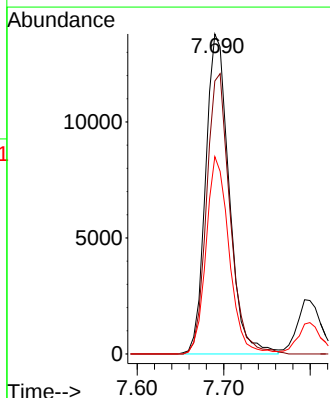
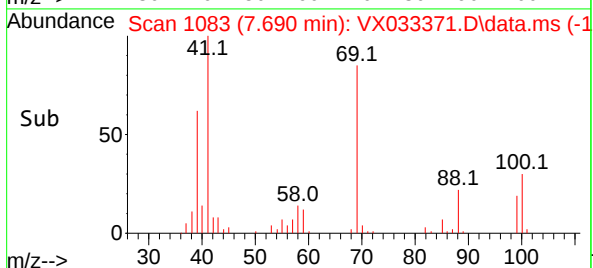
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

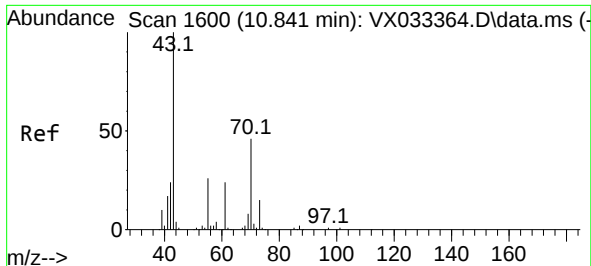


#46
Methyl methacrylate
Concen: 20.044 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51



Tgt Ion: 41 Resp: 25981
Ion Ratio Lower Upper
41 100
69 85.3 42.3 126.9
39 61.6 30.1 90.5





#47

n-amy1 Acetate

Concen: 19.795 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX033371.D

Acq: 12 Dec 2022 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tgt Ion: 43 Resp: 43228

Ion Ratio Lower Upper

43 100

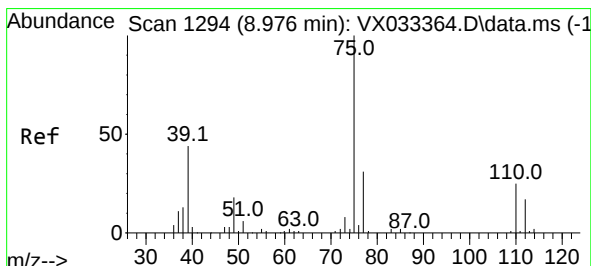
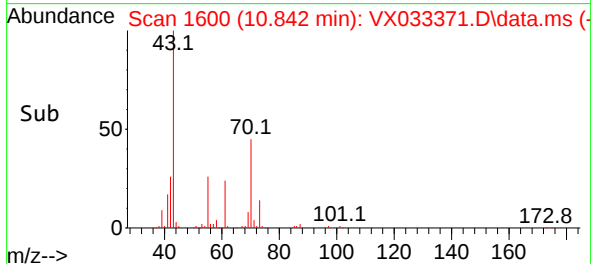
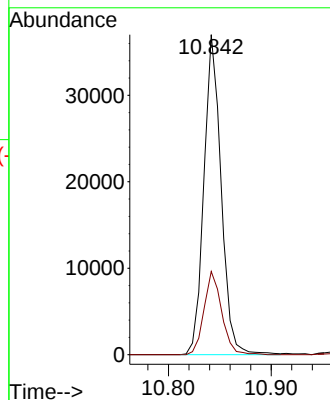
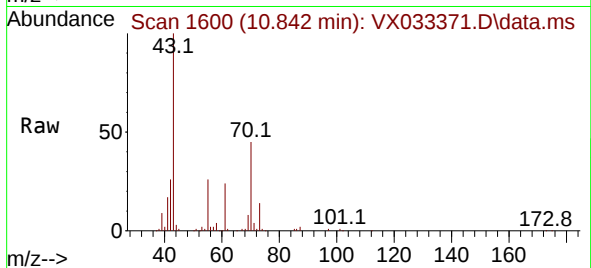
55 26.7 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#48

t-1,3-Dichloropropene

Concen: 18.793 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX033371.D

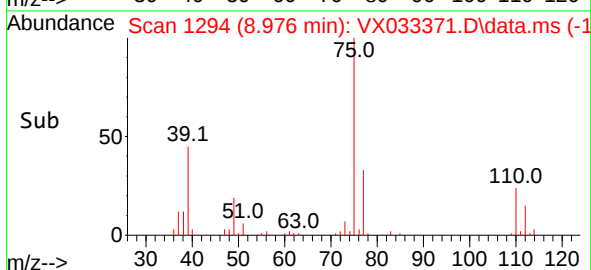
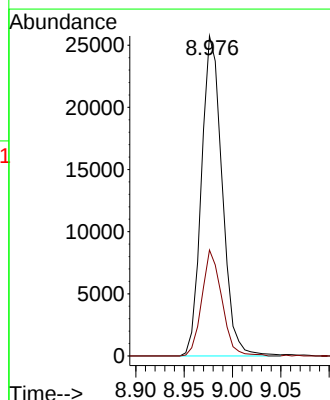
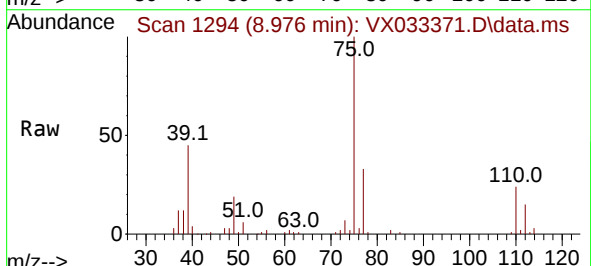
Acq: 12 Dec 2022 13:51

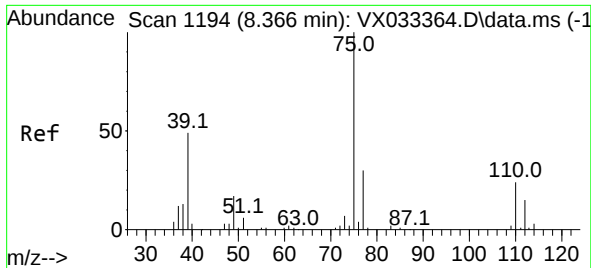
Tgt Ion: 75 Resp: 38517

Ion Ratio Lower Upper

75 100

77 33.1 25.0 37.4





#49

cis-1,3-Dichloropropene

Concen: 19.009 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033371.D

Acq: 12 Dec 2022 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tgt Ion: 75 Resp: 4181

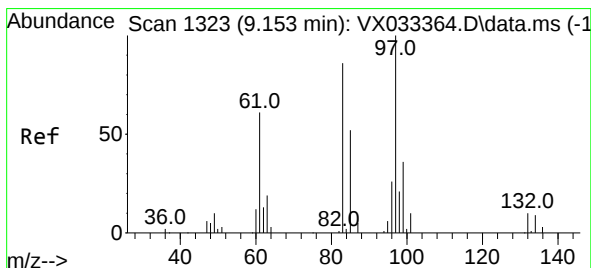
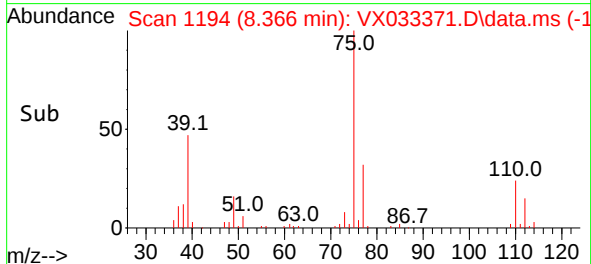
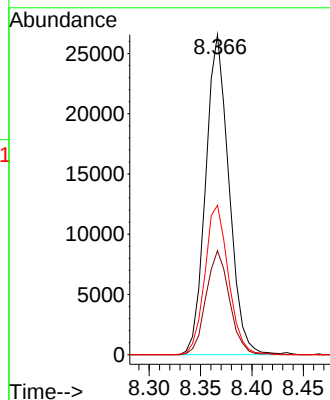
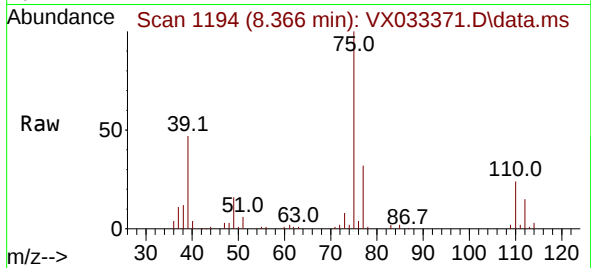
Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.2	36.4
39	46.5	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#50

1,1,2-Trichloroethane

Concen: 20.226 ug/l

RT: 9.153 min Scan# 1323

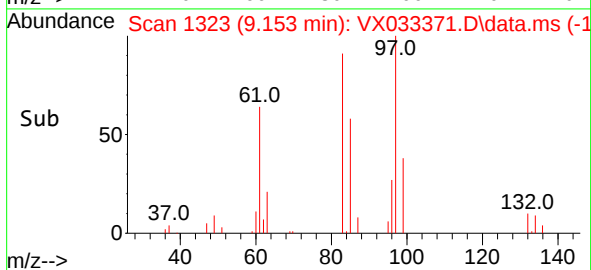
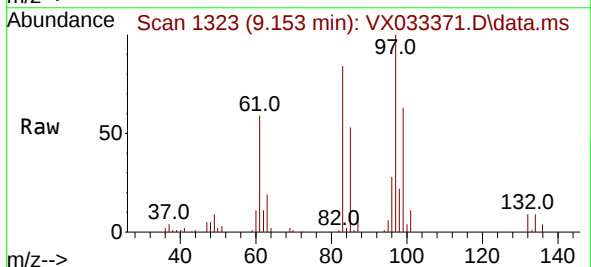
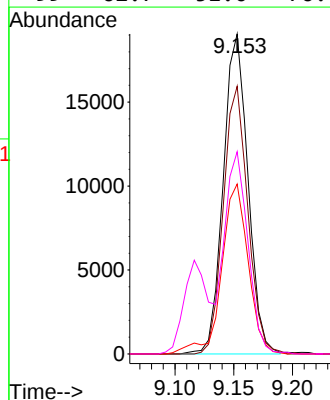
Delta R.T. 0.000 min

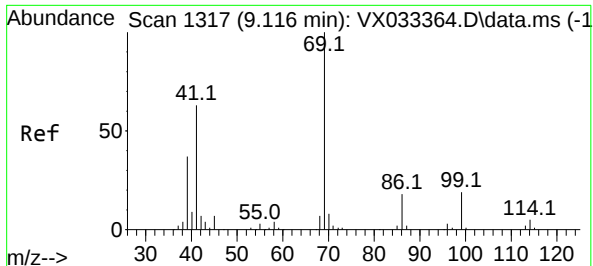
Lab File: VX033371.D

Acq: 12 Dec 2022 13:51

Tgt Ion: 97 Resp: 27890

Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.1	102.1
85	52.7	43.8	65.6
99	62.7	51.0	76.6





#51

Ethyl methacrylate

Concen: 19.913 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX033371.D

Acq: 12 Dec 2022 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tgt Ion: 69 Resp: 3923

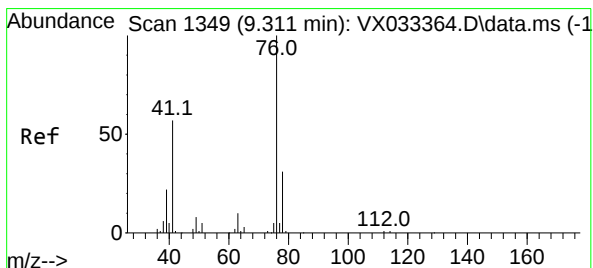
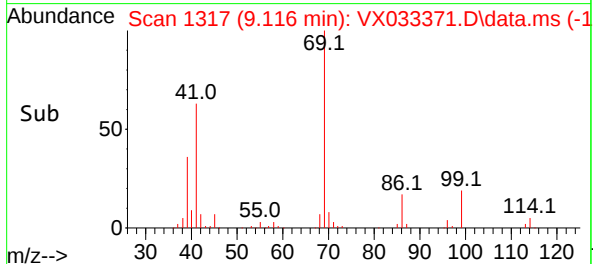
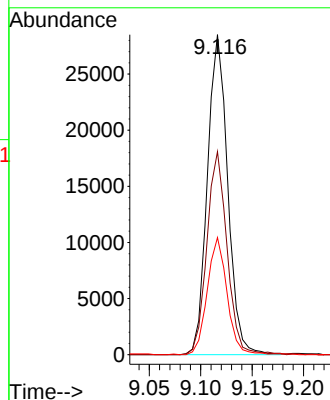
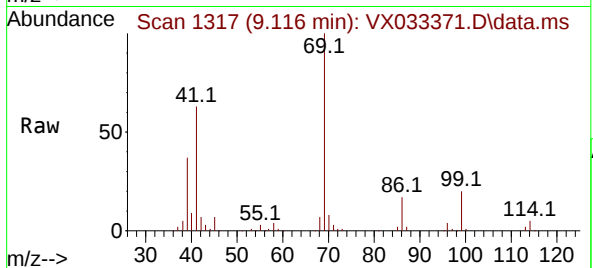
Ion	Ratio	Lower	Upper
69	100		
41	63.5	31.4	94.2
39	36.6	18.4	55.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#52

1,3-Dichloropropane

Concen: 19.977 ug/l

RT: 9.305 min Scan# 1348

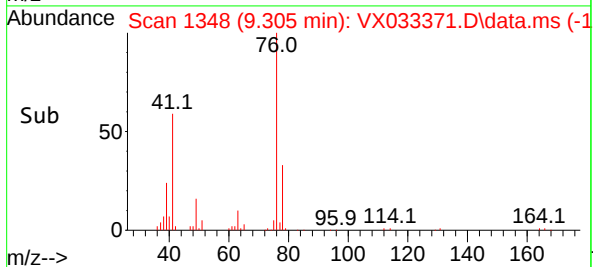
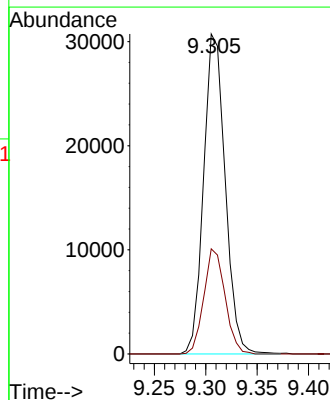
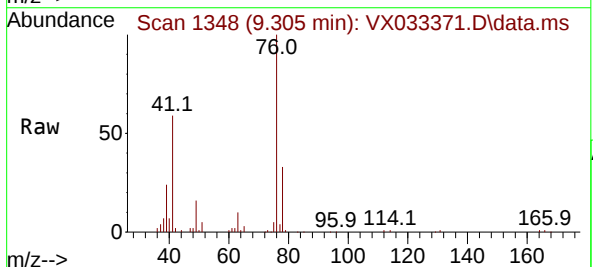
Delta R.T. -0.006 min

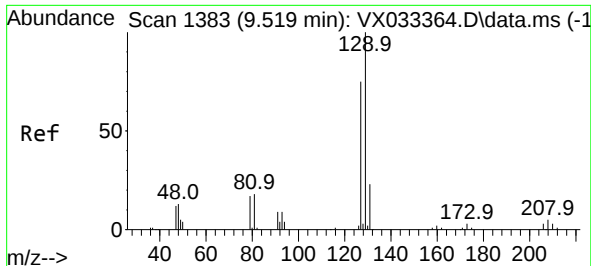
Lab File: VX033371.D

Acq: 12 Dec 2022 13:51

Tgt Ion: 76 Resp: 44982

Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	63.4





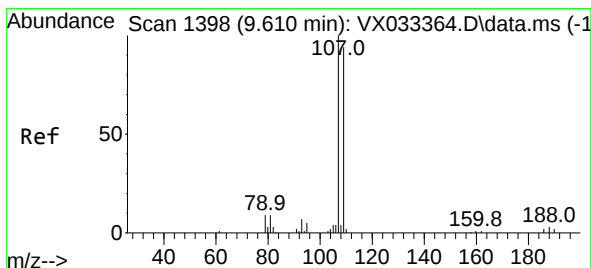
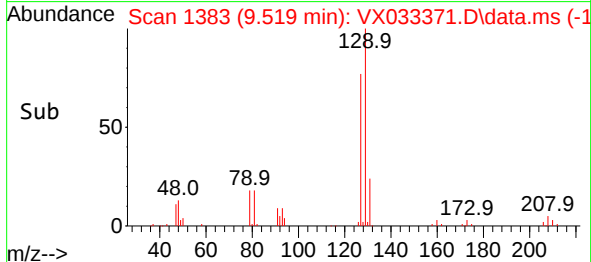
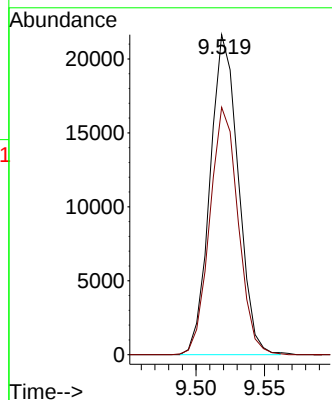
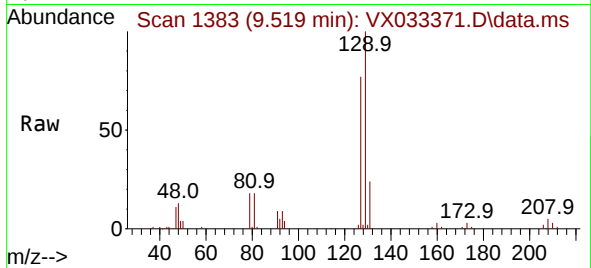
#53
Dibromochloromethane
Concen: 18.708 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion:129 Resp: 31002
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.3

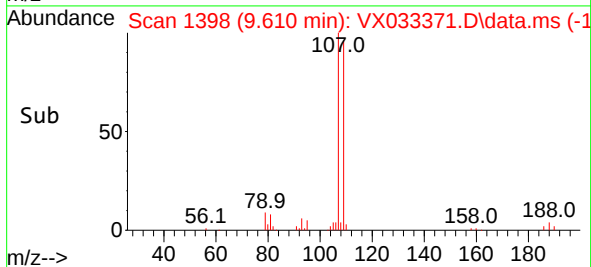
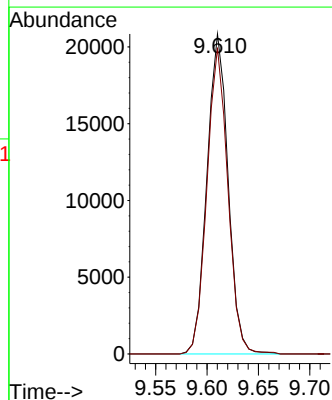
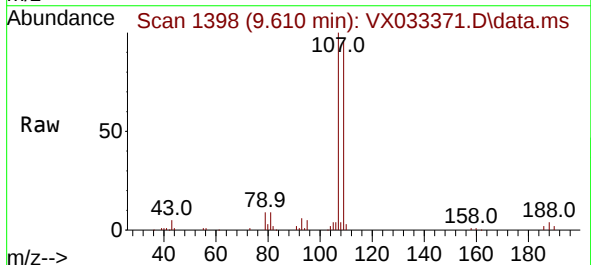
Manual Integrations
APPROVED

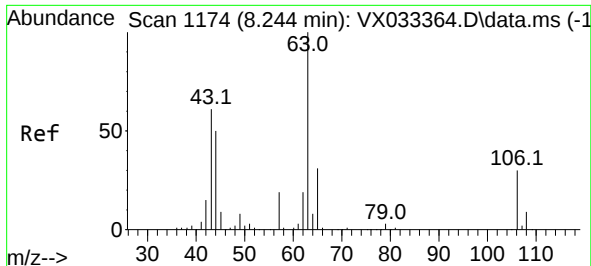
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#54
1,2-Dibromoethane
Concen: 19.774 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

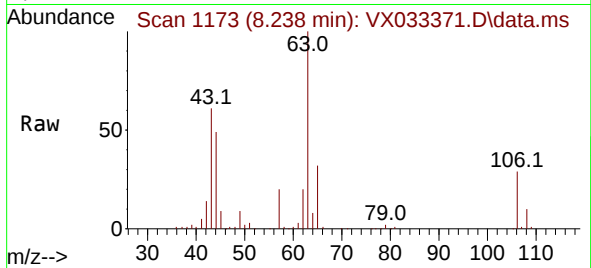
Tgt Ion:107 Resp: 29847
Ion Ratio Lower Upper
107 100
109 94.3 74.2 111.2





#55
2-Chloroethyl vinyl ether
Concen: 92.731 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

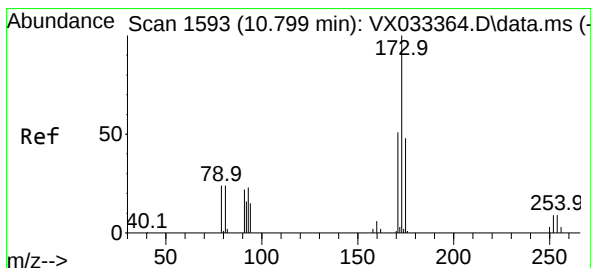
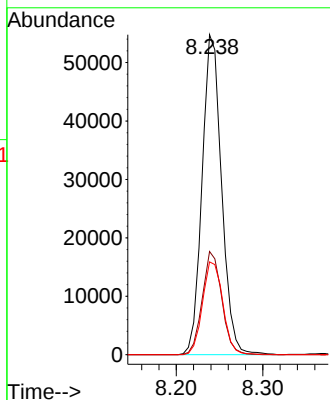
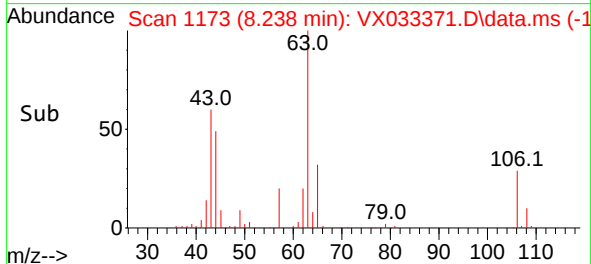
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



Tgt Ion: 63 Resp: 85780
Ion Ratio Lower Upper
63 100
65 32.1 25.8 38.8
106 30.1 24.2 36.4

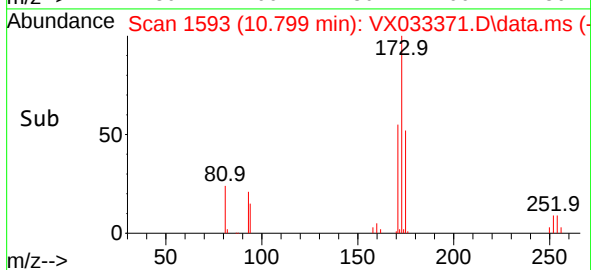
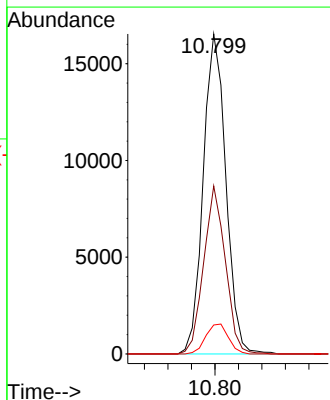
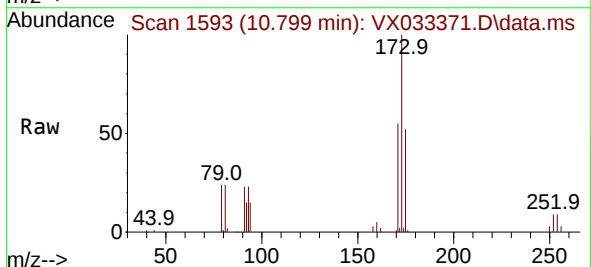
Manual Integrations
APPROVED

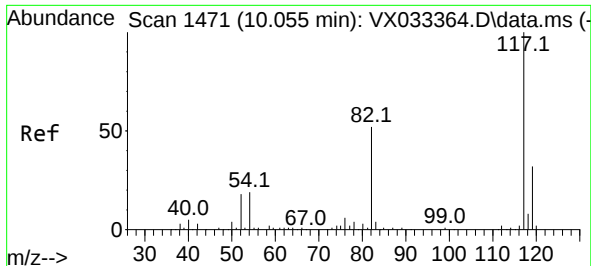
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#56
Bromoform
Concen: 18.491 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

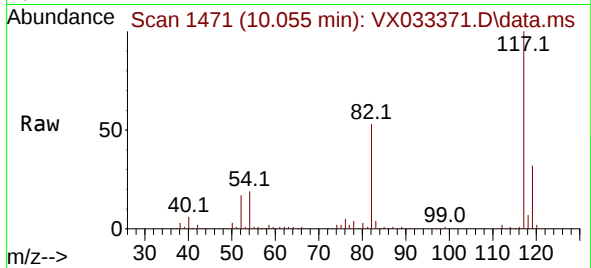
Tgt Ion:173 Resp: 22117
Ion Ratio Lower Upper
173 100
175 50.2 39.6 59.4
254 9.4 7.1 10.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

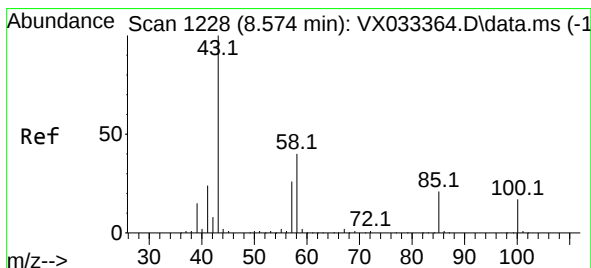
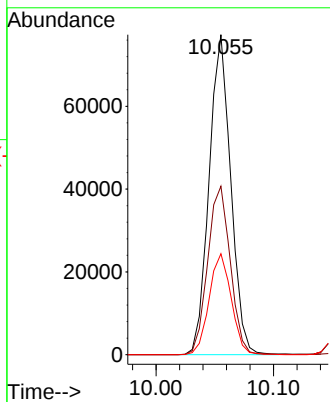
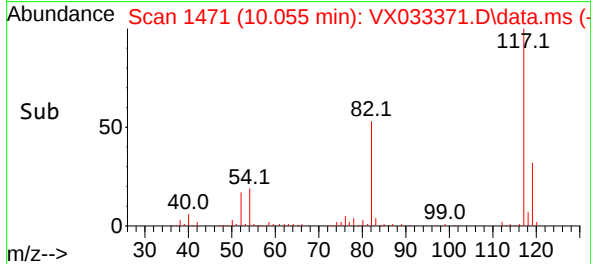
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



Tgt Ion: 117 Resp: 99250
Ion Ratio Lower Upper
117 100
82 54.8 43.7 65.5
119 32.2 25.6 38.4

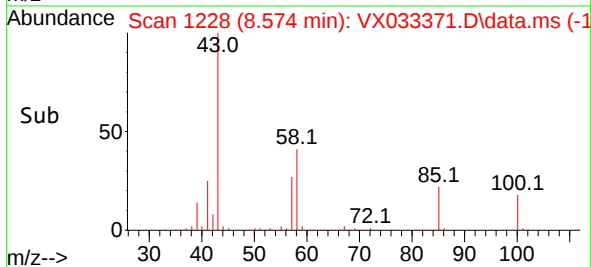
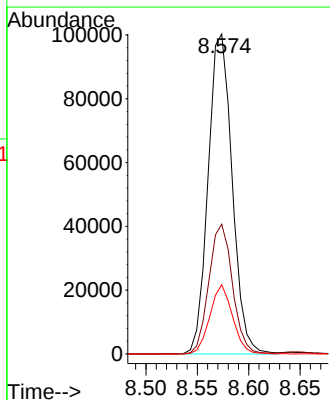
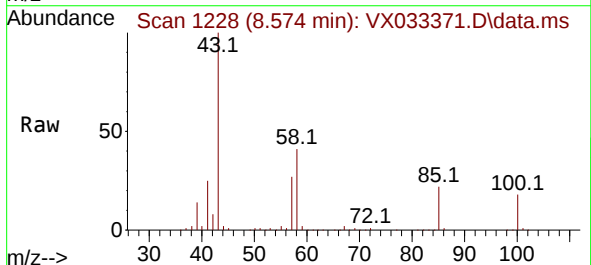
Manual Integrations
APPROVED

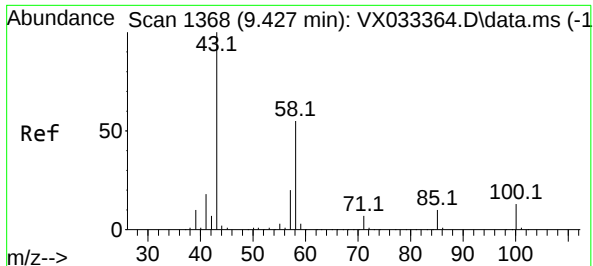
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#58
4-Methyl-2-Pentanone
Concen: 101.516 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Tgt Ion: 43 Resp: 162929
Ion Ratio Lower Upper
43 100
58 39.9 32.3 48.5
85 20.4 16.6 24.8





#59

2-Hexanone

Concen: 102.479 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX033371.D

Acq: 12 Dec 2022 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tgt Ion: 43 Resp: 12577

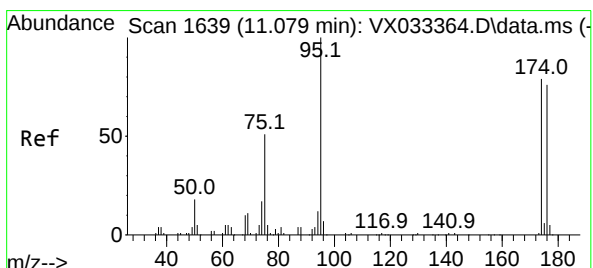
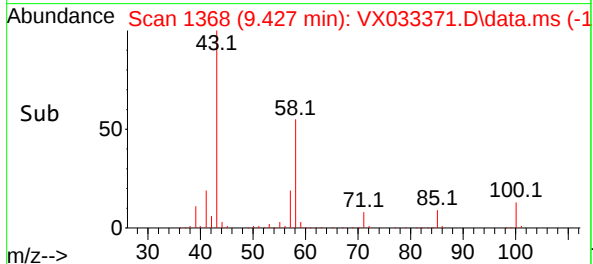
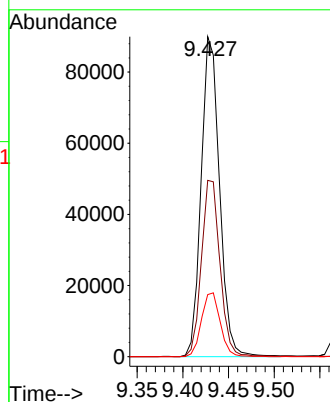
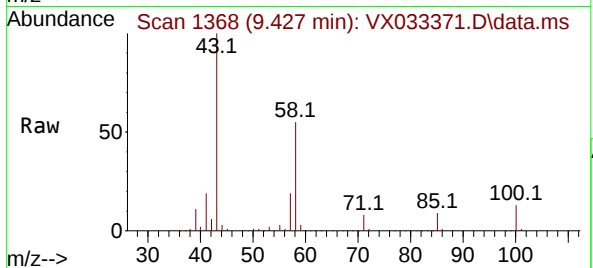
Ion	Ratio	Lower	Upper
43	100		
58	55.6	44.4	66.6
57	20.4	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#60

4-Bromofluorobenzene

Concen: 30.690 ug/l

RT: 11.079 min Scan# 1639

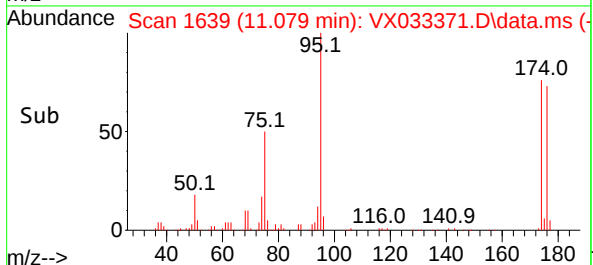
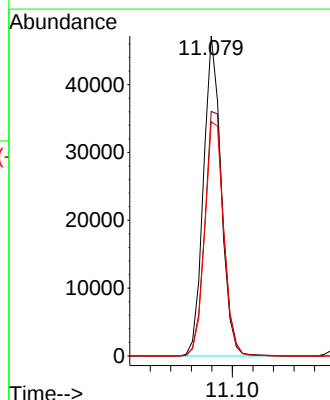
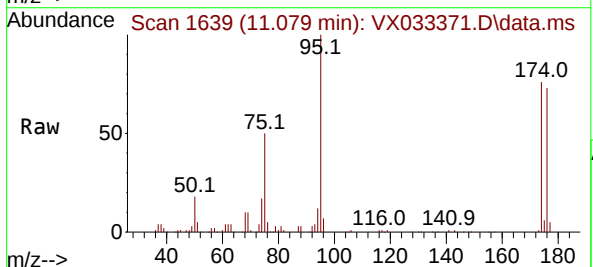
Delta R.T. 0.000 min

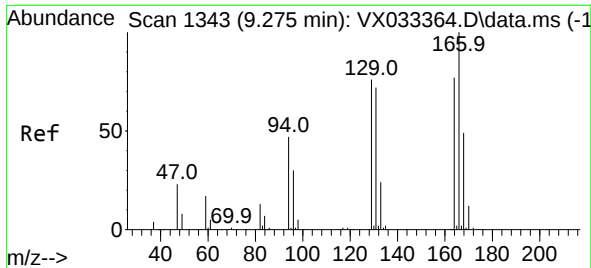
Lab File: VX033371.D

Acq: 12 Dec 2022 13:51

Tgt Ion: 95 Resp: 56415

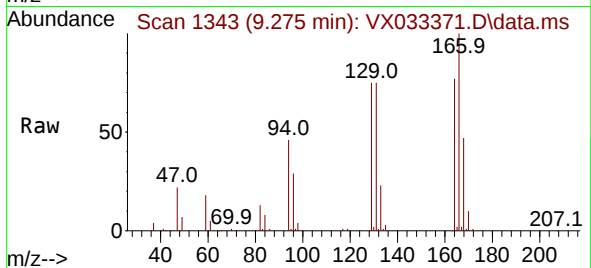
Ion	Ratio	Lower	Upper
95	100		
174	82.0	65.9	98.9
176	78.3	63.3	94.9





#61
Tetrachloroethene
Concen: 20.078 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

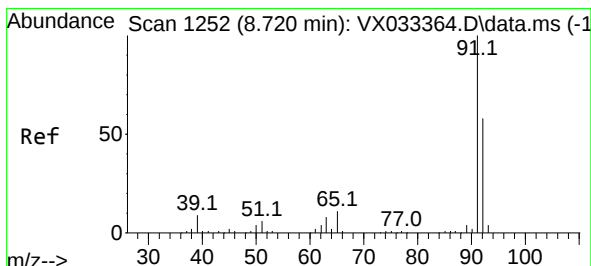
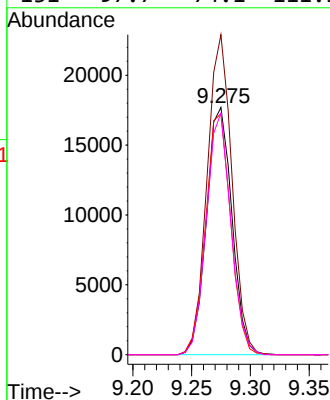
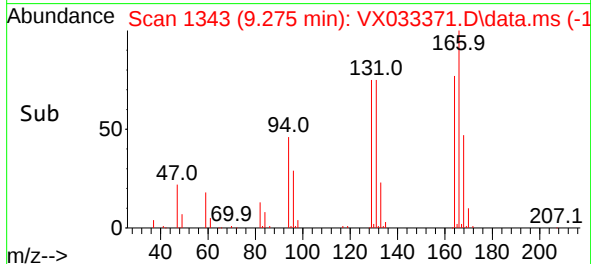
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



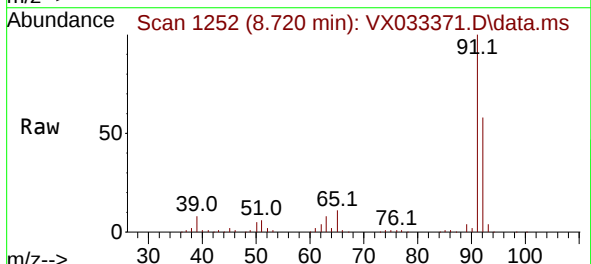
Tgt Ion:164 Resp: 2668
Ion Ratio Lower Upper
164 100
166 129.5 103.3 154.9
129 97.5 78.3 117.5
131 97.7 74.1 111.1

Manual Integrations
APPROVED

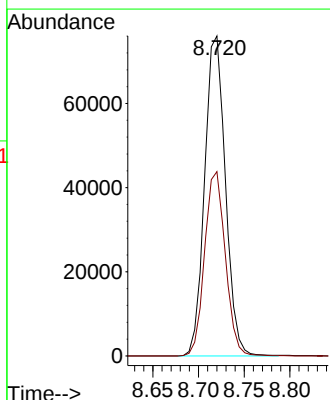
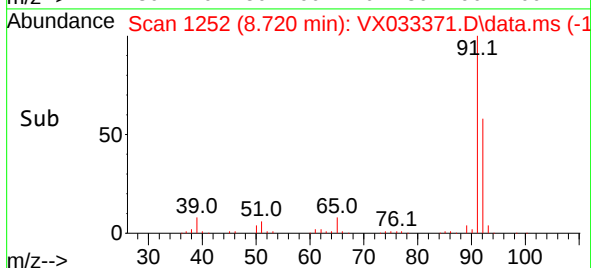
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

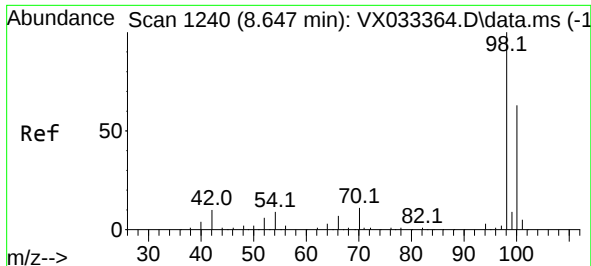


#62
Toluene
Concen: 19.937 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51



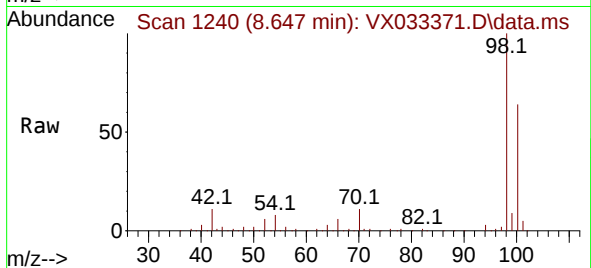
Tgt Ion: 91 Resp: 120111
Ion Ratio Lower Upper
91 100
92 57.4 46.2 69.2





#63
Toluene-d8
Concen: 29.931 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

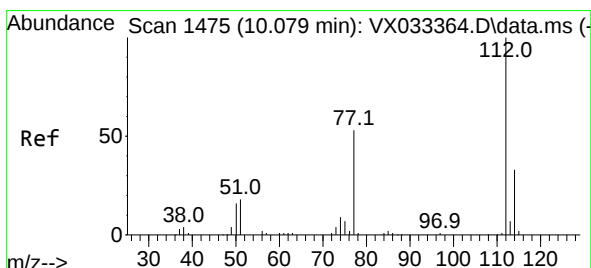
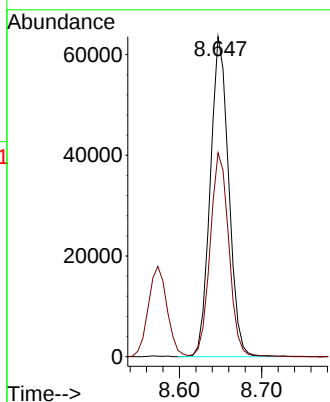
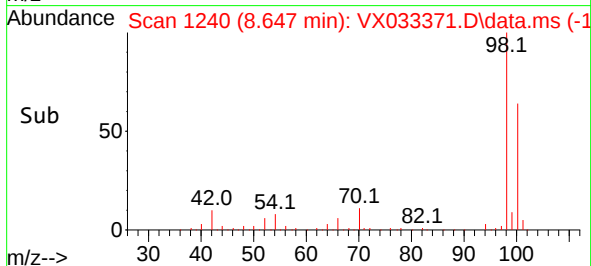
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



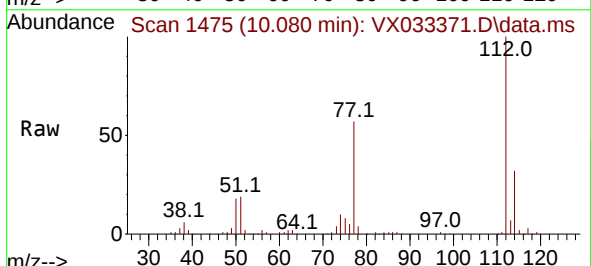
Tgt Ion: 98 Resp: 98818
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.2

Manual Integrations
APPROVED

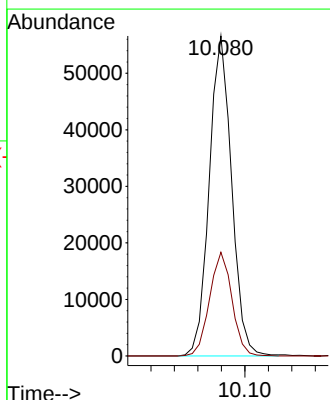
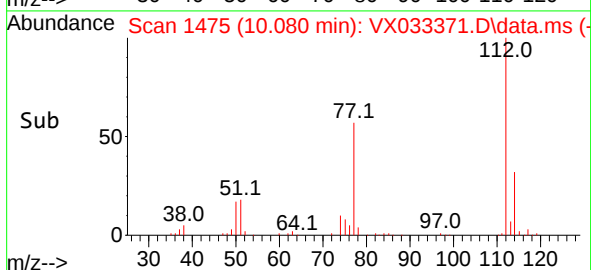
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

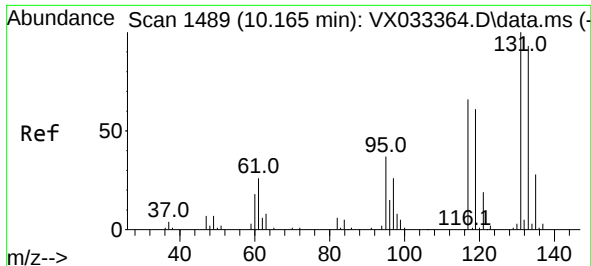


#64
Chlorobenzene
Concen: 19.595 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51



Tgt Ion:112 Resp: 74676
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.2





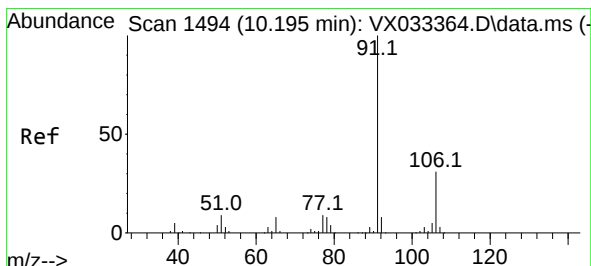
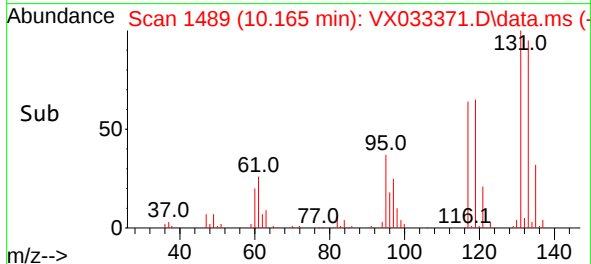
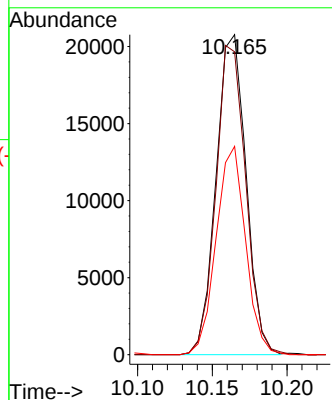
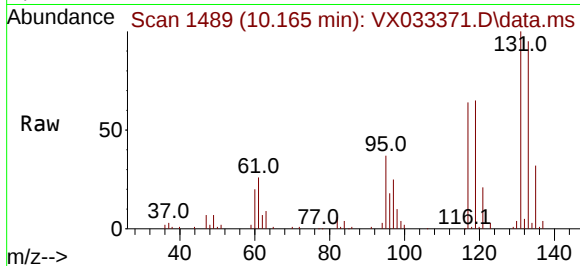
#65
1,1,1,2-Tetrachloroethane
Concen: 19.241 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion:131 Resp: 2895
Ion Ratio Lower Upper
131 100
133 96.2 0.0 187.6
119 64.0 0.0 124.2

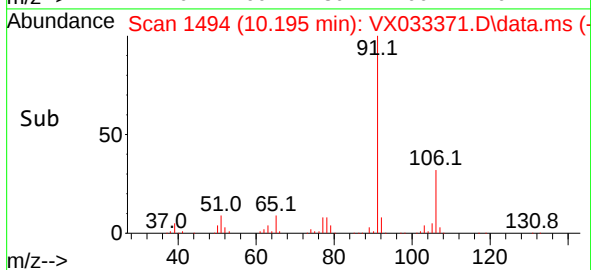
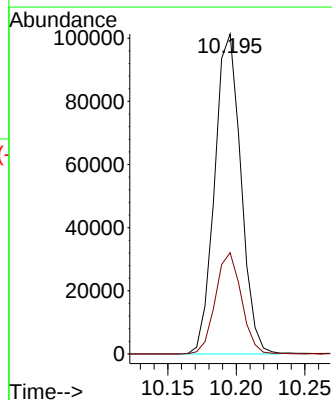
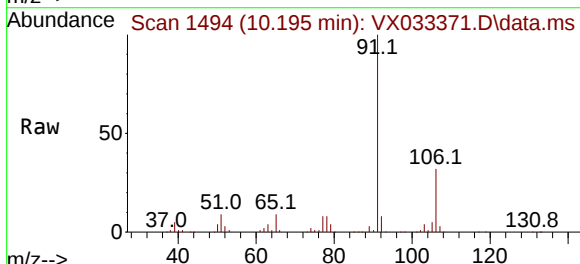
Manual Integrations
APPROVED

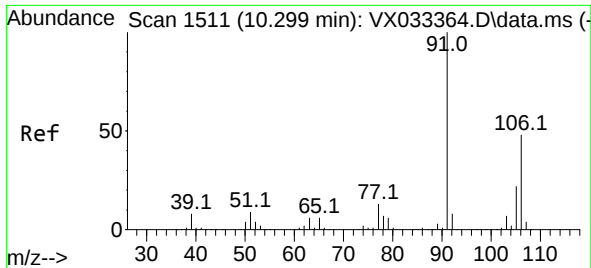
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#66
Ethyl Benzene
Concen: 19.912 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Tgt Ion: 91 Resp: 135168
Ion Ratio Lower Upper
91 100
106 31.6 24.8 37.2





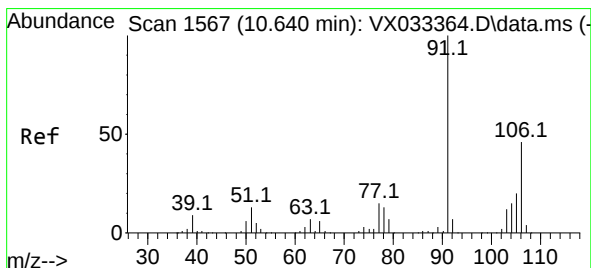
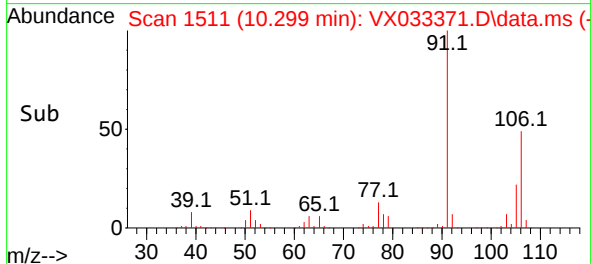
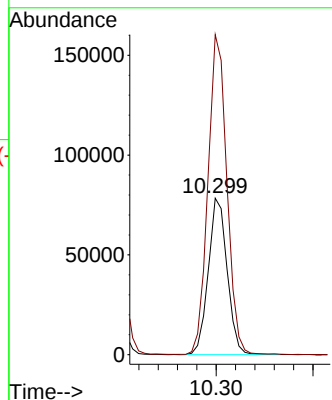
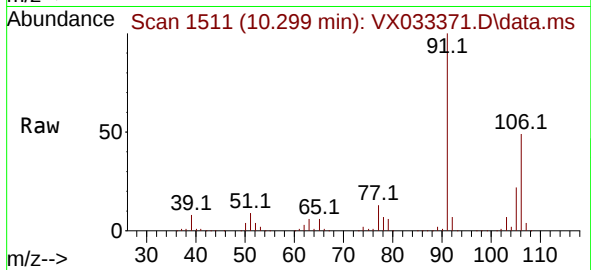
#67
m/p-Xylenes
Concen: 40.098 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion:106 Resp: 106390
Ion Ratio Lower Upper
106 100
91 205.6 165.4 248.2

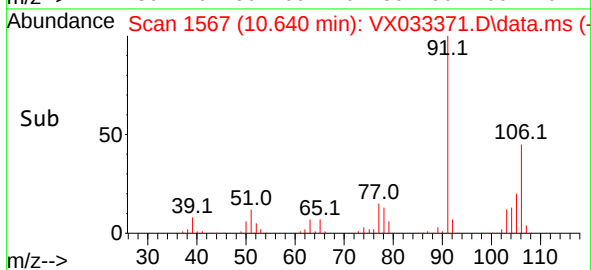
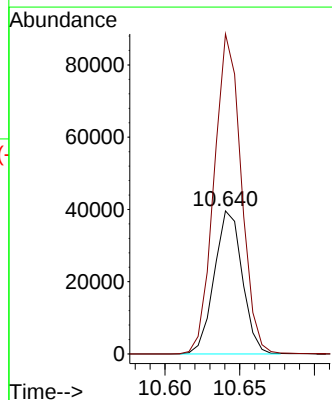
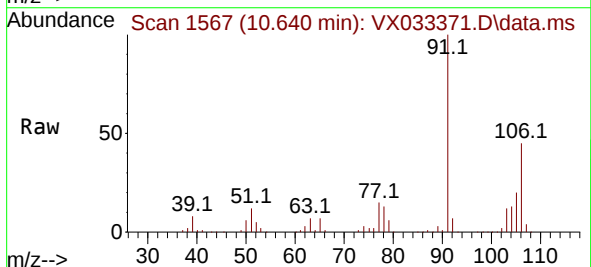
Manual Integrations
APPROVED

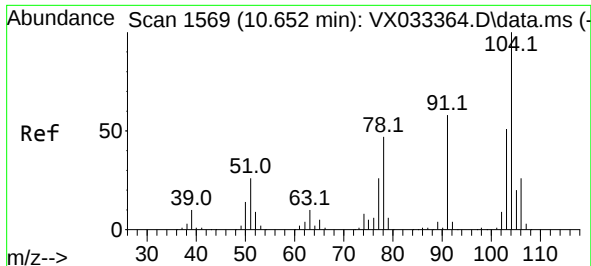
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#68
o-Xylene
Concen: 19.953 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Tgt Ion:106 Resp: 51585
Ion Ratio Lower Upper
106 100
91 217.3 108.0 324.0





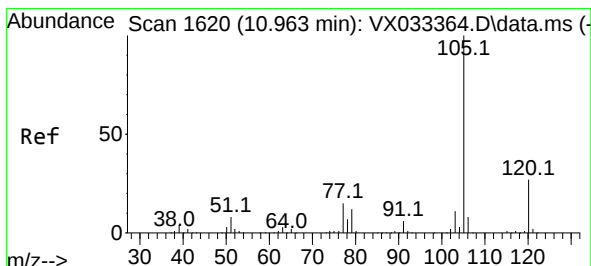
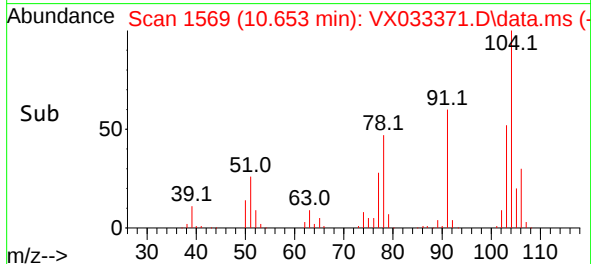
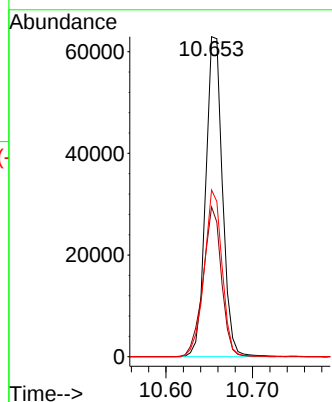
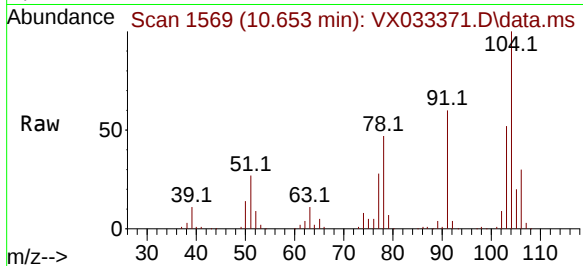
#69
Styrene
Concen: 19.720 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion:104 Resp: 84690
Ion Ratio Lower Upper
104 100
78 51.1 40.0 60.0
103 55.6 43.9 65.9

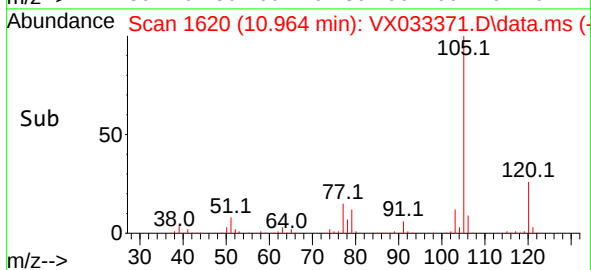
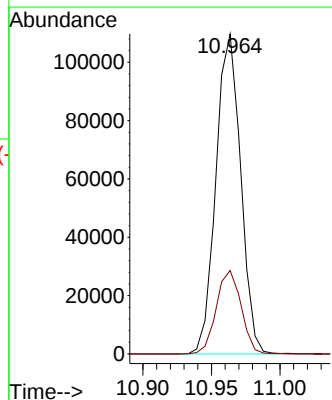
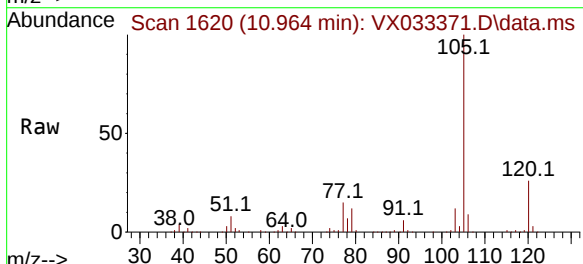
Manual Integrations
APPROVED

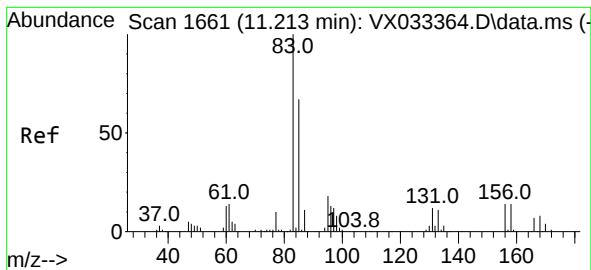
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#70
Isopropylbenzene
Concen: 20.065 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

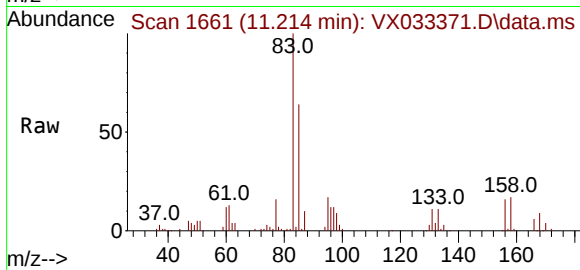
Tgt Ion:105 Resp: 137655
Ion Ratio Lower Upper
105 100
120 26.2 18.1 33.7





#71
1,1,2,2-Tetrachloroethane
Concen: 20.452 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

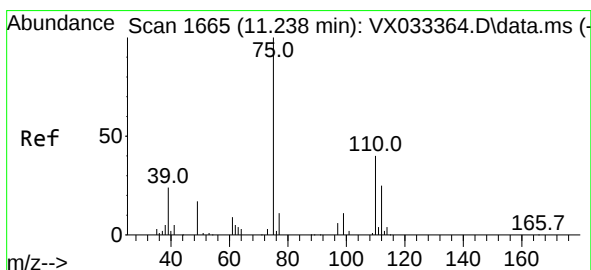
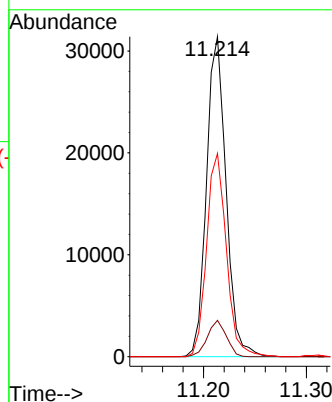
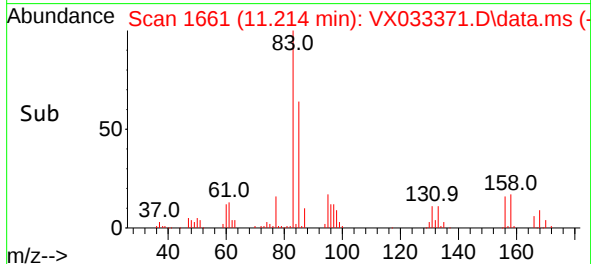
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



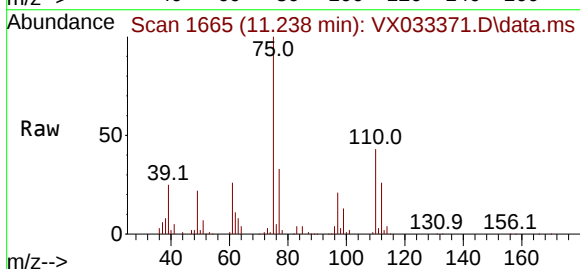
Tgt Ion: 83 Resp: 4149
Ion Ratio Lower Upper
83 100
131 11.0 5.4 16.2
85 64.4 32.6 97.7

Manual Integrations
APPROVED

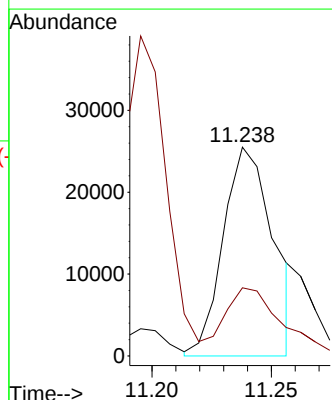
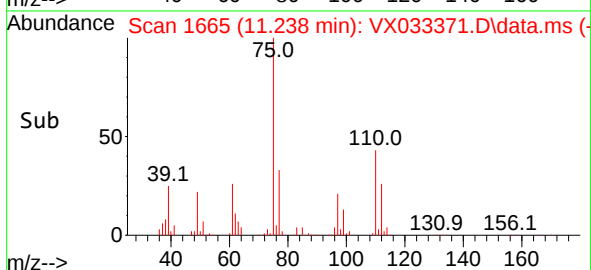
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

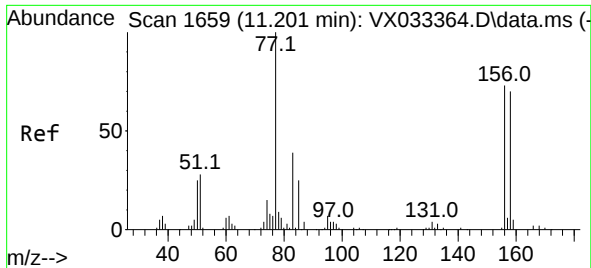


#72
1,2,3-Trichloropropane
Concen: 20.537 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51



Tgt Ion: 75 Resp: 37107
Ion Ratio Lower Upper
75 100
77 38.2 0.0 74.4





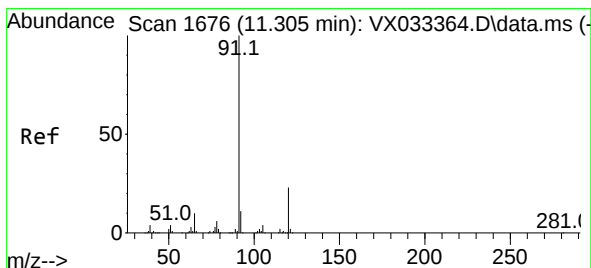
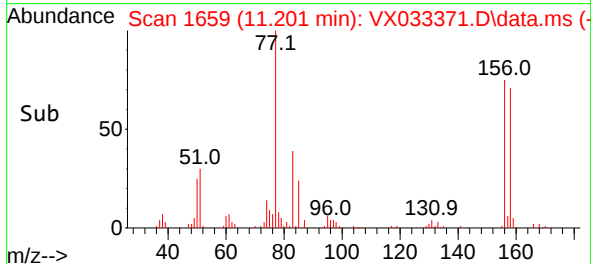
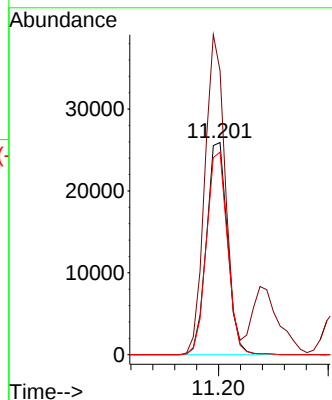
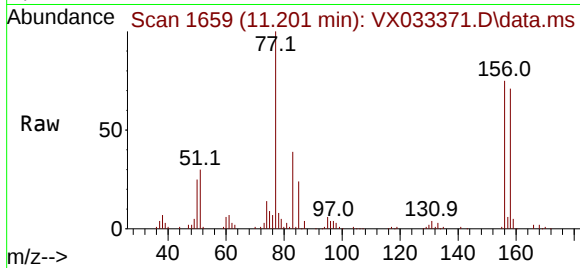
#73
Bromobenzene
Concen: 20.336 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion:156 Resp: 34519
Ion Ratio Lower Upper
156 100
77 145.7 0.0 298.6
158 95.9 0.0 193.2

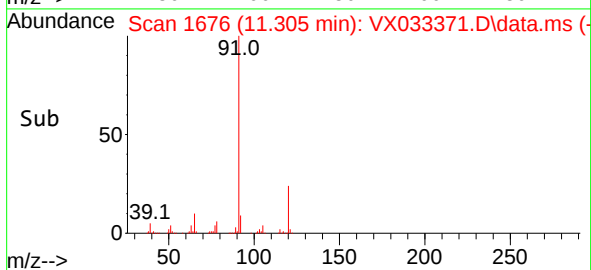
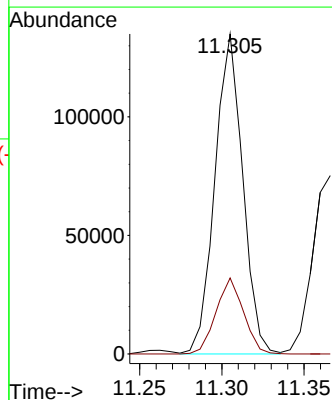
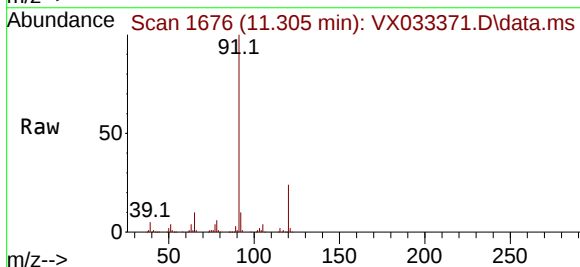
Manual Integrations
APPROVED

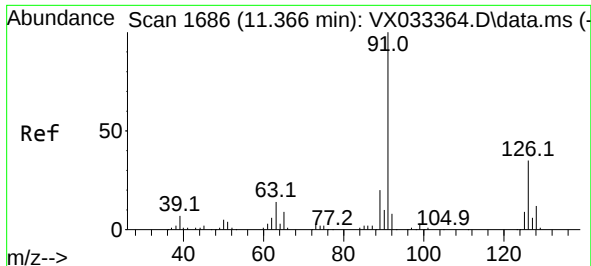
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#74
n-propylbenzene
Concen: 20.193 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Tgt Ion: 91 Resp: 158749
Ion Ratio Lower Upper
91 100
120 23.5 0.0 46.4





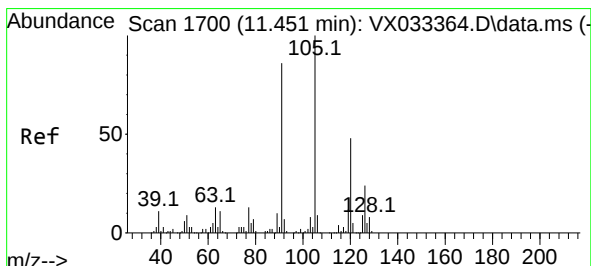
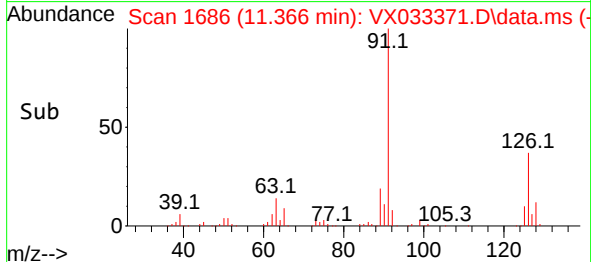
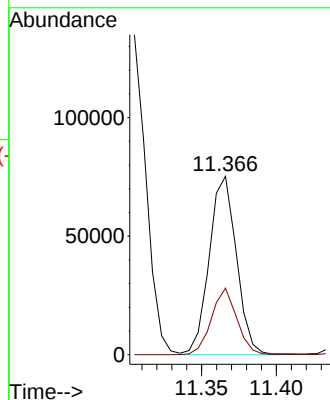
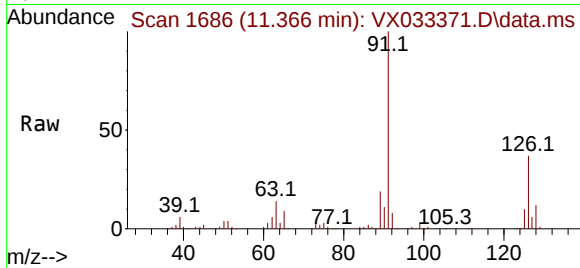
#75
2-Chlorotoluene
Concen: 20.175 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion: 91 Resp: 95339
Ion Ratio Lower Upper
91 100
126 34.5 0.0 68.6

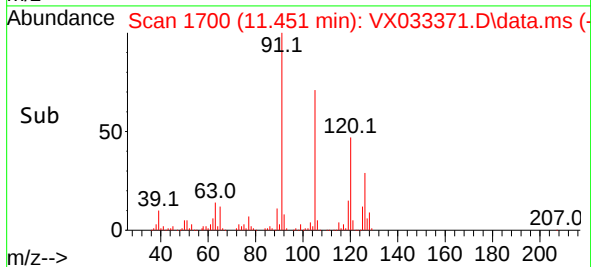
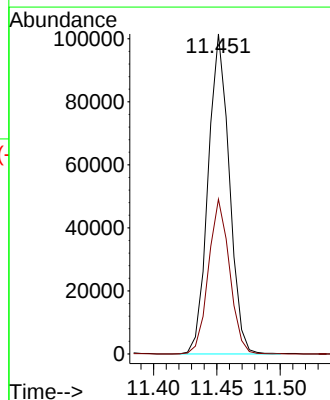
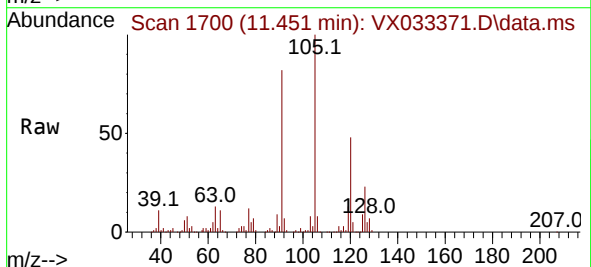
Manual Integrations
APPROVED

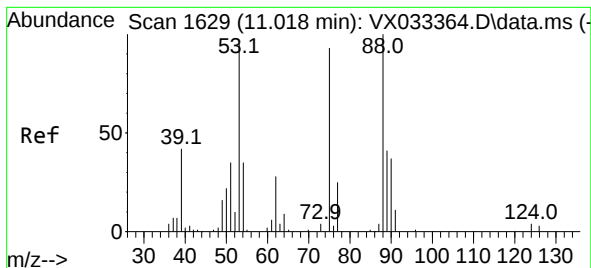
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.480 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

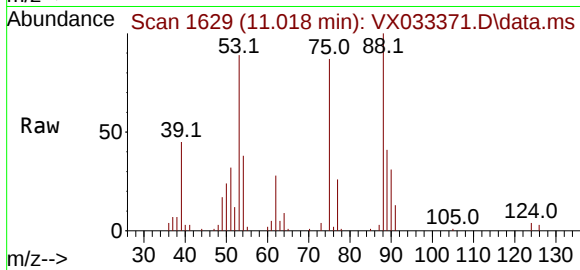
Tgt Ion:105 Resp: 118124
Ion Ratio Lower Upper
105 100
120 48.1 0.0 96.2





#77
t-1,4-Dichloro-2-butene
Concen: 18.037 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

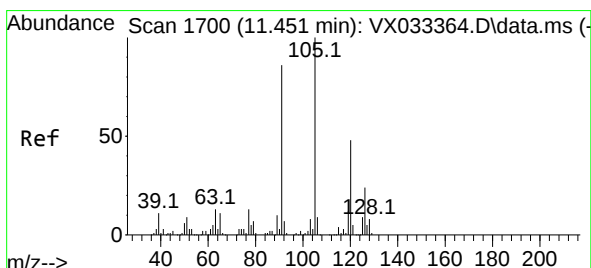
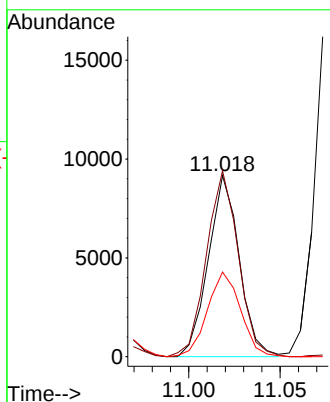
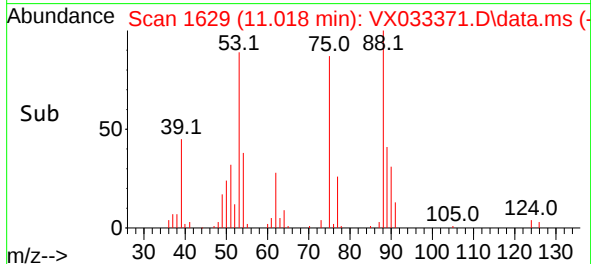
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



Tgt Ion: 75 Resp: 10830
Ion Ratio Lower Upper
75 100
53 101.6 51.4 154.3
89 46.2 22.2 66.6

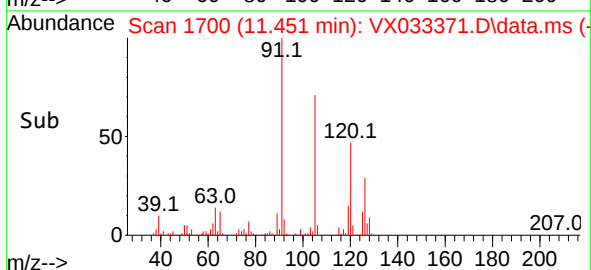
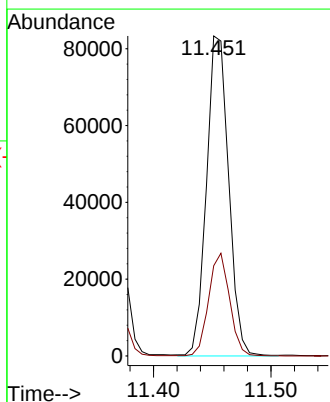
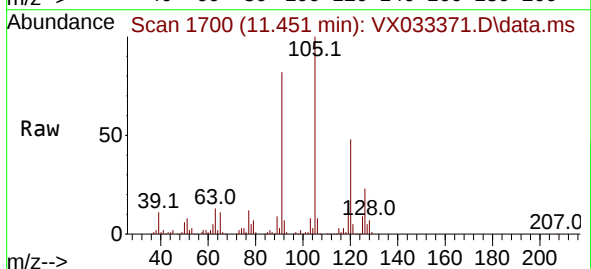
Manual Integrations
APPROVED

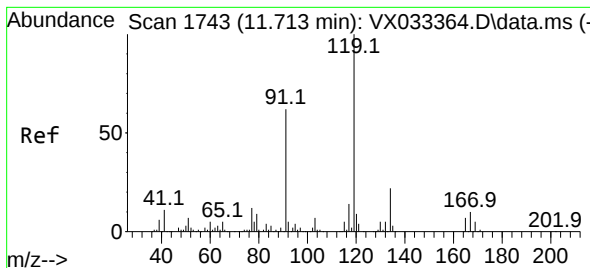
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#78
4-Chlorotoluene
Concen: 20.146 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

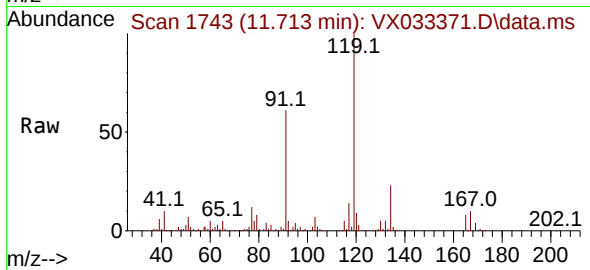
Tgt Ion: 91 Resp: 109097
Ion Ratio Lower Upper
91 100
126 30.4 0.0 59.4





#79
tert-butylbenzene
Concen: 20.189 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

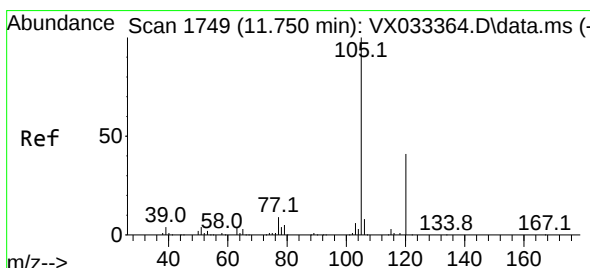
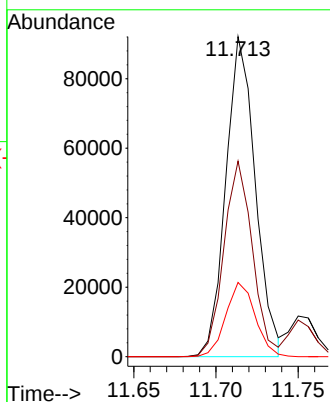
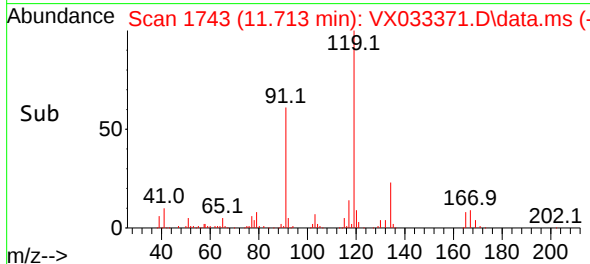
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



Tgt Ion:119 Resp: 115430
Ion Ratio Lower Upper
119 100
91 59.0 0.0 117.0
134 23.1 0.0 44.4

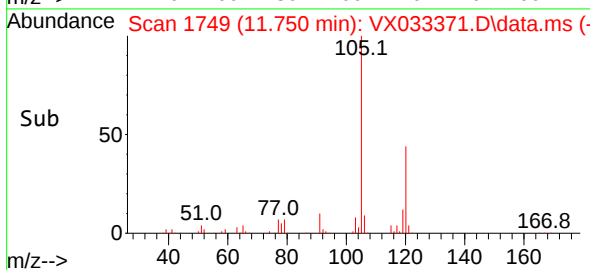
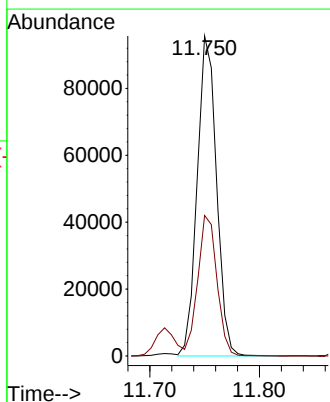
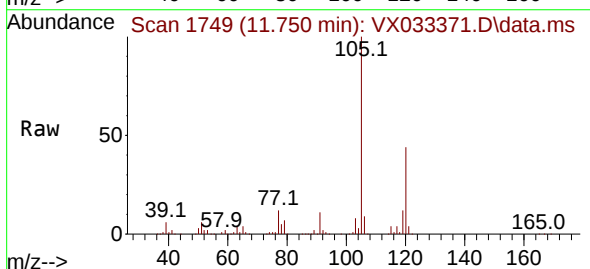
Manual Integrations
APPROVED

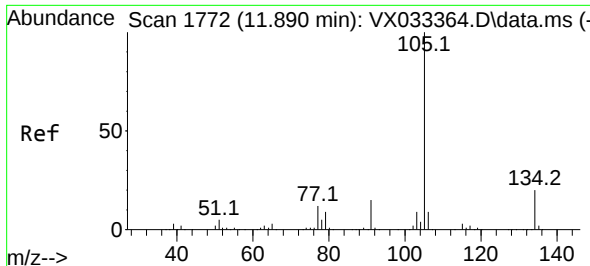
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#80
1,2,4-Trimethylbenzene
Concen: 20.670 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

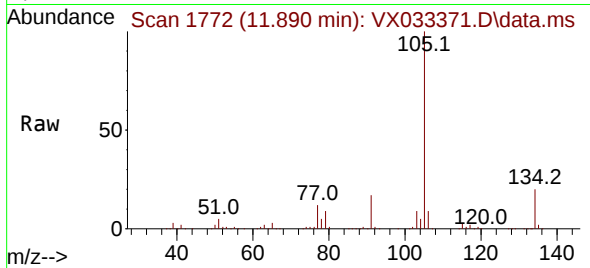
Tgt Ion:105 Resp: 117184
Ion Ratio Lower Upper
105 100
120 43.4 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 20.301 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033371.D
 Acq: 12 Dec 2022 13:51

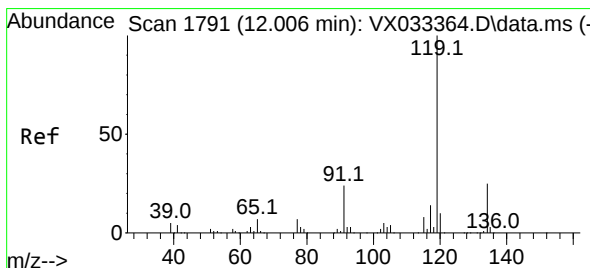
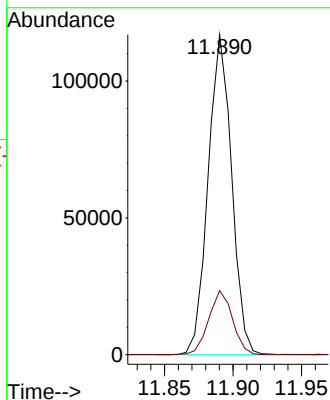
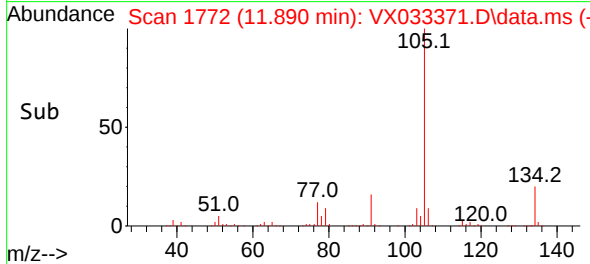
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01



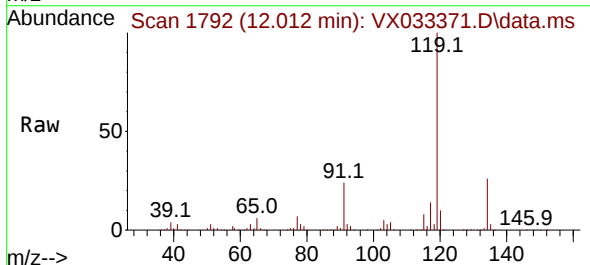
Tgt Ion:105 Resp: 13950
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 39.8

Manual Integrations
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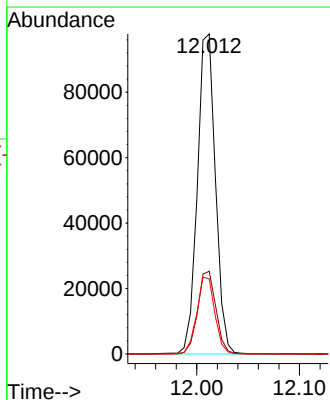
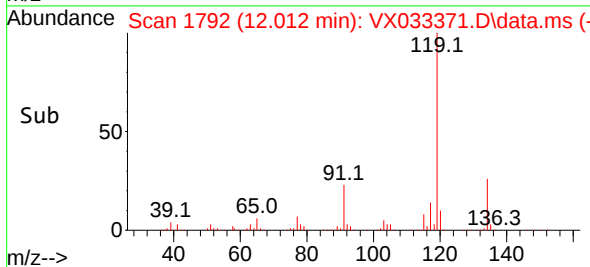
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

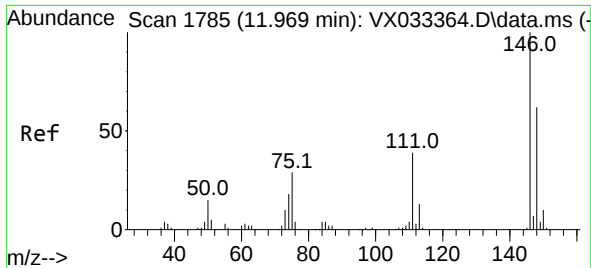


#82
 p-Isopropyltoluene
 Concen: 20.453 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX033371.D
 Acq: 12 Dec 2022 13:51



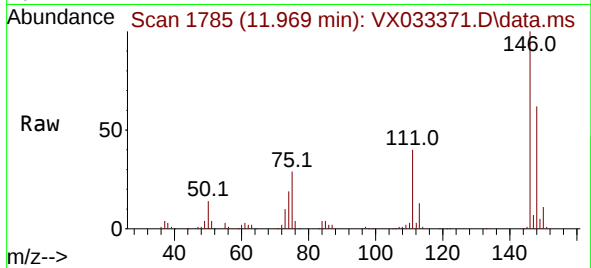
Tgt Ion:119 Resp: 119859
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 52.6
 91 23.9 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 20.257 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

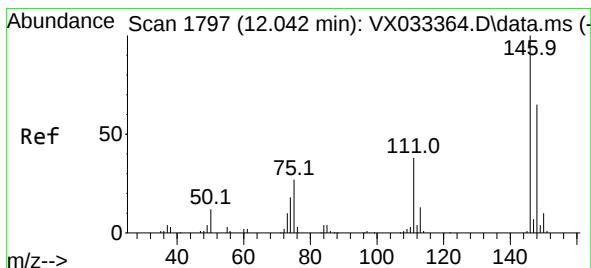
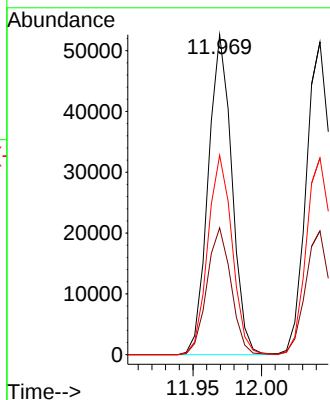
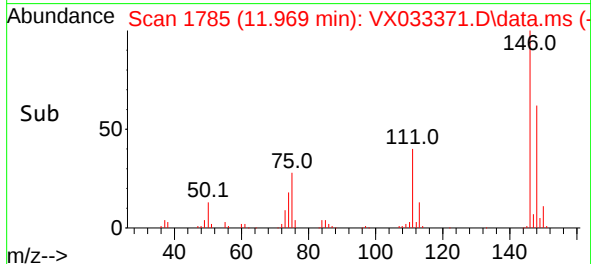
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



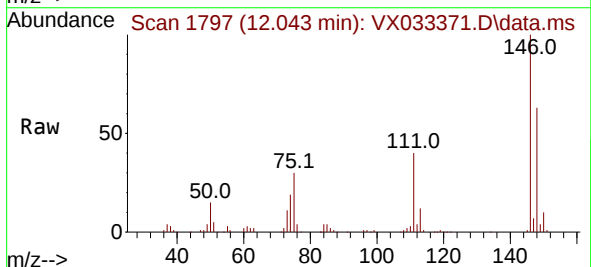
Tgt Ion:146 Resp: 6328
Ion Ratio Lower Upper
146 100
111 40.4 20.1 60.3
148 63.7 31.3 93.9

Manual Integrations
APPROVED

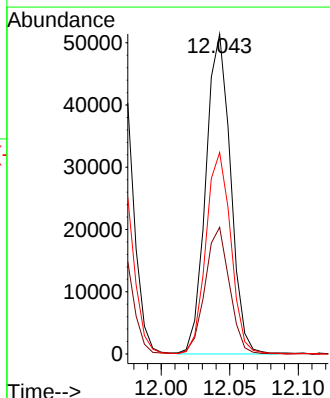
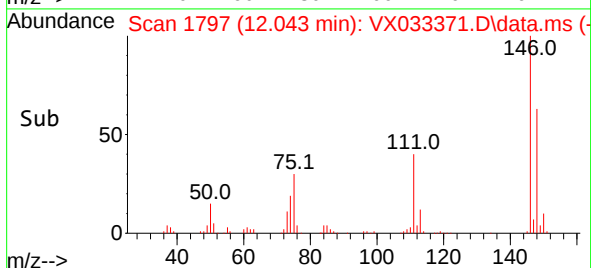
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

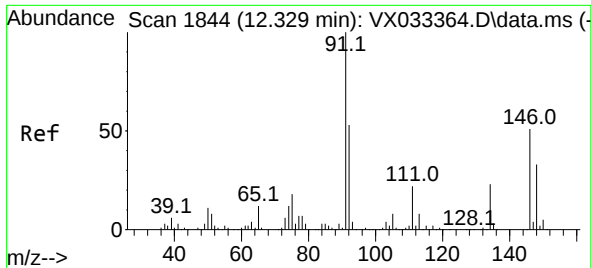


#84
1,4-Dichlorobenzene
Concen: 20.563 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51



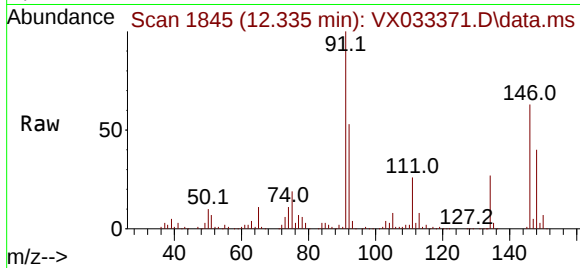
Tgt Ion:146 Resp: 64666
Ion Ratio Lower Upper
146 100
111 39.0 19.1 57.1
148 63.3 32.2 96.6





#85
n-Butylbenzene
Concen: 20.459 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

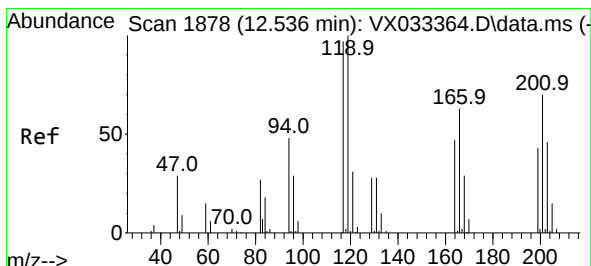
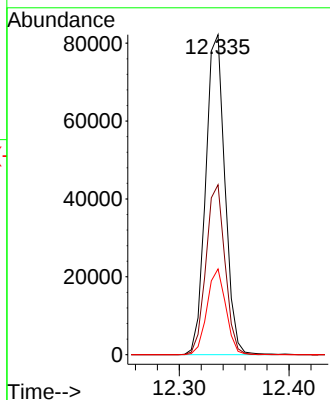
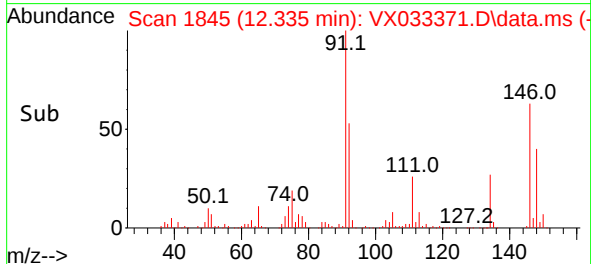
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



Tgt Ion: 91 Resp: 100080
Ion Ratio Lower Upper
91 100
92 52.6 0.0 106.8
134 26.2 0.0 51.8

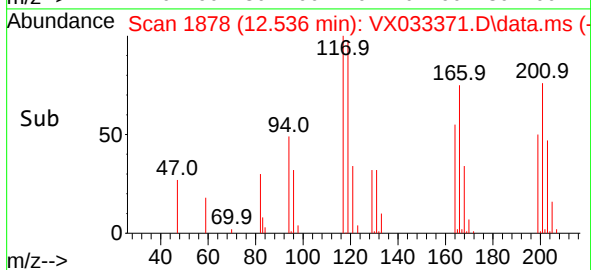
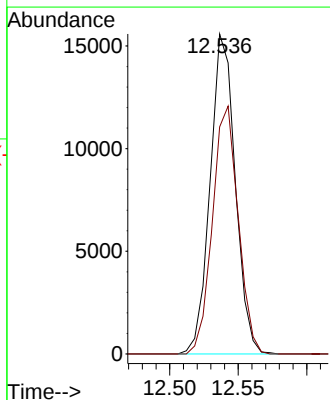
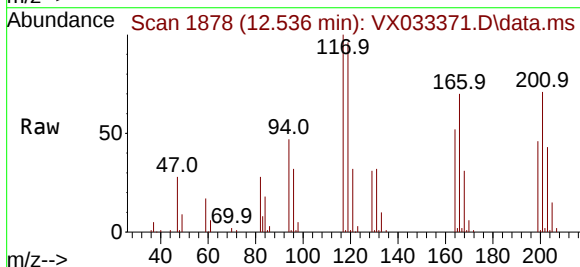
Manual Integrations
APPROVED

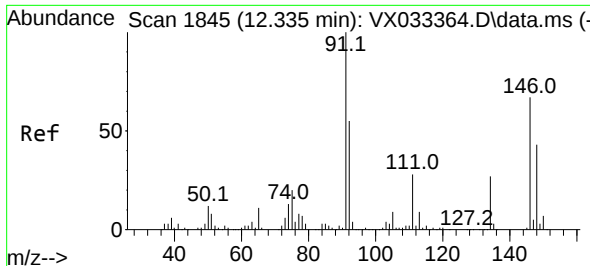
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#86
Hexachloroethane
Concen: 19.070 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

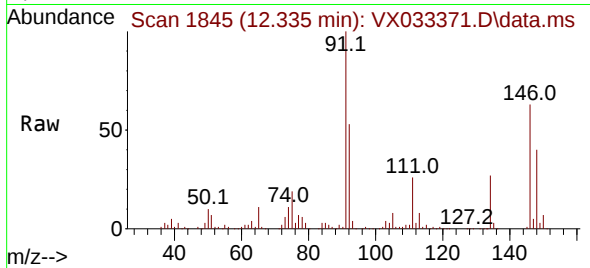
Tgt Ion:117 Resp: 19835
Ion Ratio Lower Upper
117 100
201 79.3 40.4 121.2





#87
1,2-Dichlorobenzene
Concen: 20.636 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

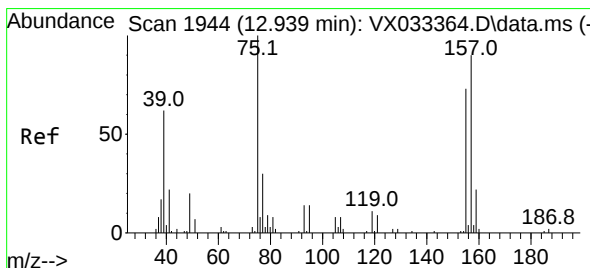
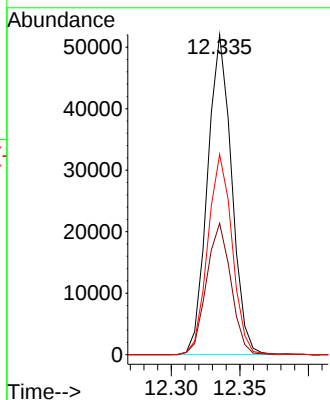
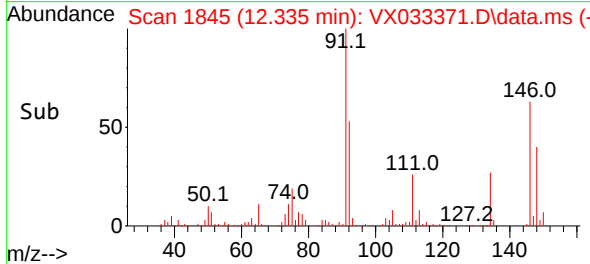
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



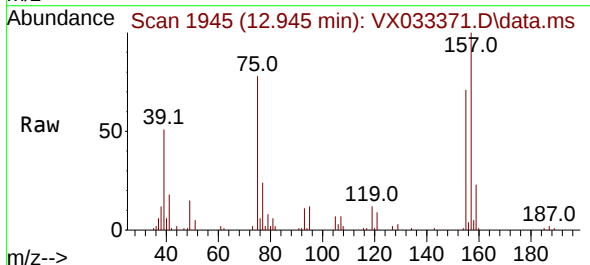
Tgt Ion:146 Resp: 63528
Ion Ratio Lower Upper
146 100
111 41.6 20.9 62.8
148 63.2 31.9 95.5

Manual Integrations
APPROVED

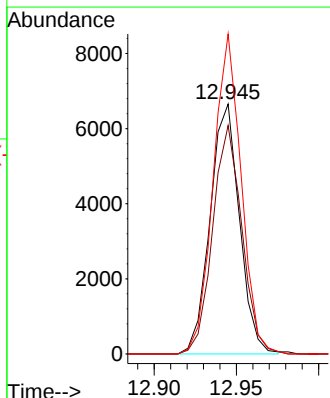
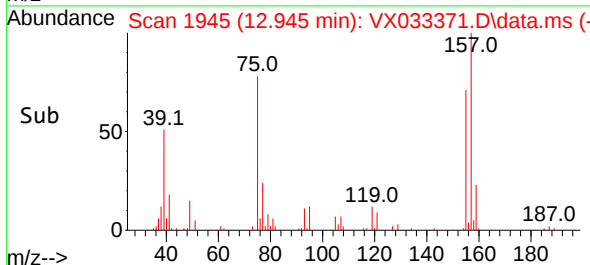
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

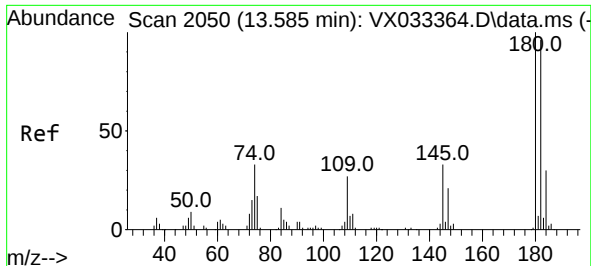


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.699 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51



Tgt Ion: 75 Resp: 8266
Ion Ratio Lower Upper
75 100
155 90.7 69.6 104.4
157 121.8 84.8 127.2





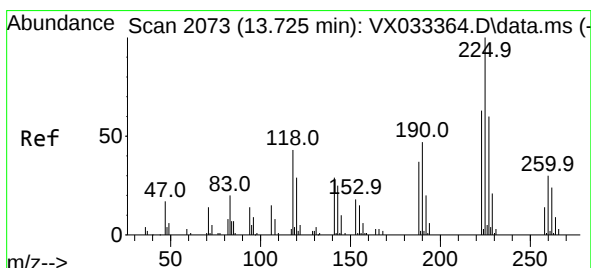
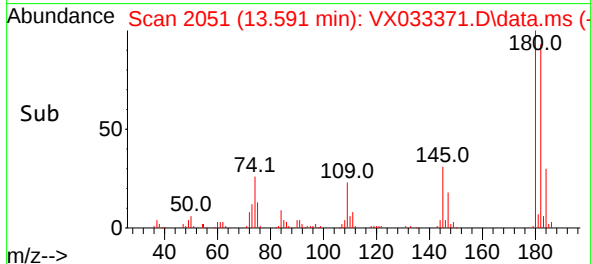
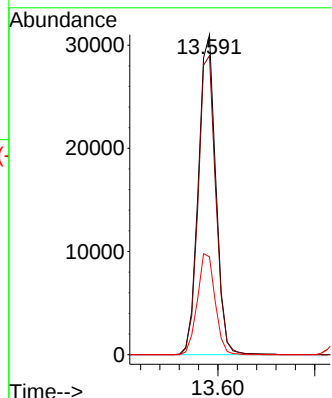
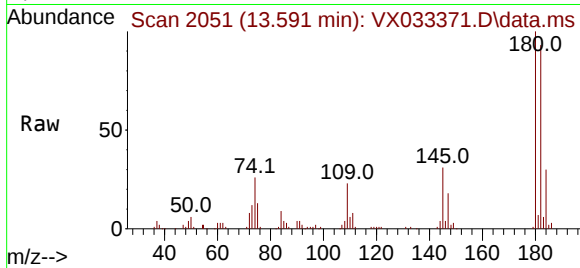
#89
1,2,4-Trichlorobenzene
Concen: 20.417 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion:180 Resp: 3882
Ion Ratio Lower Upper
180 100
182 94.5 78.4 117.6
145 32.1 25.4 38.2

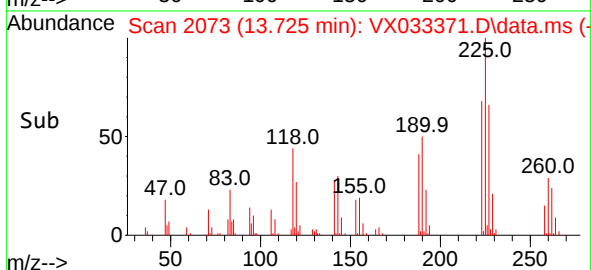
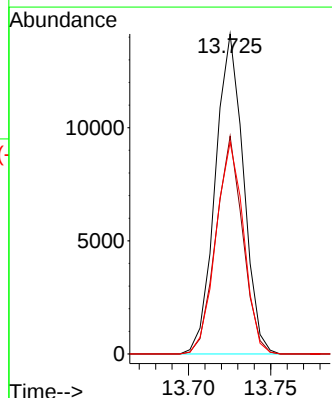
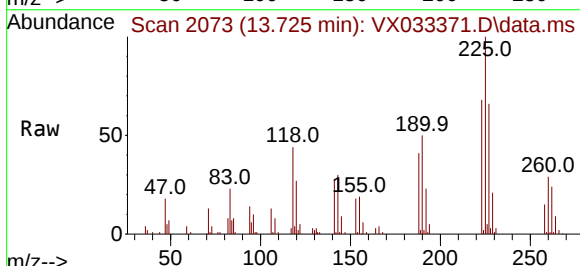
Manual Integrations
APPROVED

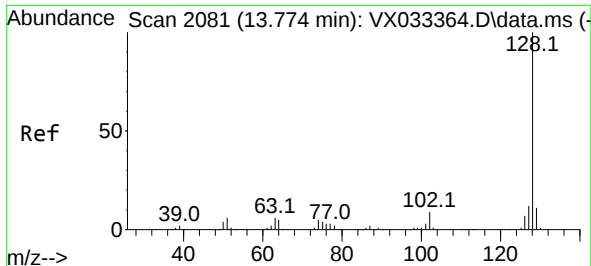
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#90
Hexachlorobutadiene
Concen: 20.844 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

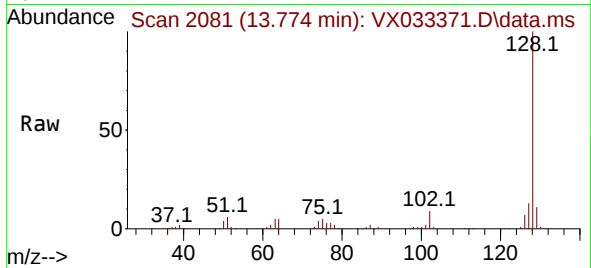
Tgt Ion:225 Resp: 16820
Ion Ratio Lower Upper
225 100
223 65.0 0.0 125.6
227 65.5 0.0 125.4





#91
Naphthalene
Concen: 20.699 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51

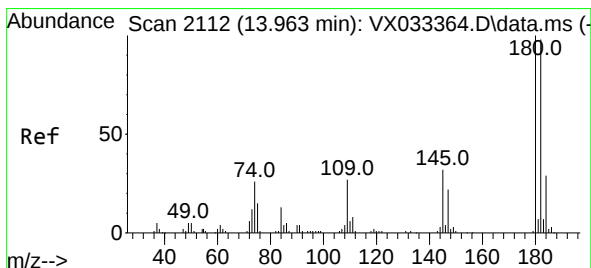
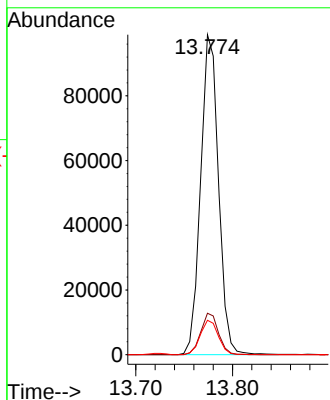
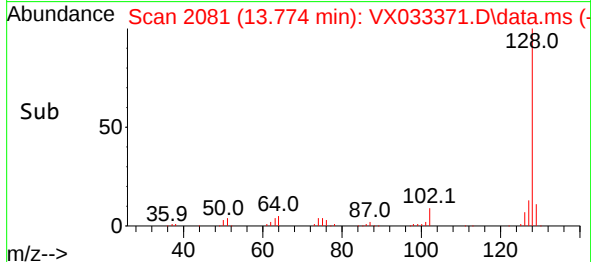
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01



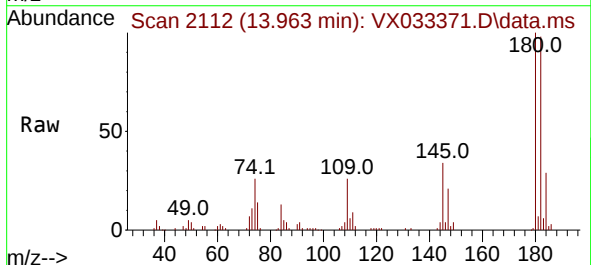
Tgt Ion:128 Resp: 12739
Ion Ratio Lower Upper
128 100
127 12.8 9.9 14.9
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#92
1,2,3-Trichlorobenzene
Concen: 20.569 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033371.D
Acq: 12 Dec 2022 13:51



Tgt Ion:180 Resp: 39172
Ion Ratio Lower Upper
180 100
182 96.5 0.0 194.2
145 33.9 0.0 68.0

