

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121222\
 Data File : VX033372.D
 Acq On : 12 Dec 2022 14:18
 Operator : JC/MD
 Sample : VX1212WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 07:31:00 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

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

Internal Standards						
1) Bromochloromethane	4.897	128	12717	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	90265	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	99498	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	34555	30.939	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 103.133%		
60) 4-Bromofluorobenzene	11.079	95	55299	30.008	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 100.033%		
63) Toluene-d8	8.647	98	98140	29.651	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 98.833%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	18692	20.126	ug/l	95
3) Chloromethane	1.294	50	19594	20.907	ug/l	94
4) Vinyl Chloride	1.374	62	22670	20.160	ug/l	100
5) Bromomethane	1.617	94	16718	20.330	ug/l	95
6) Chloroethane	1.691	64	16131	19.403	ug/l	93
7) Trichlorofluoromethane	1.892	101	45154	19.697	ug/l	97
8) Diethyl Ether	2.130	74	10888	15.208	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	24591	21.126	ug/l	97
10) 1,1-Dichloroethene	2.325	96	23790	21.708	ug/l	99
11) Methyl Iodide	2.453	142	24318	19.537	ug/l	96
12) Methyl Acetate	2.709	43	32011	20.713	ug/l	100
13) Acrolein	2.239	56	21032	86.024	ug/l	96
14) Acrylonitrile	3.068	53	57020	101.505	ug/l	98
15) Acetone	2.392	58	17860	92.495	ug/l	98
16) Carbon Disulfide	2.514	76	58121	19.686	ug/l	99
17) Allyl chloride	2.666	41	35380	19.668	ug/l	97
18) Methylene Chloride	2.788	84	25497	20.046	ug/l	95
19) trans-1,2-Dichloroethene	3.093	96	24573	19.247	ug/l	95
20) Diisopropyl ether	3.757	45	75705	19.999	ug/l	99
21) 1,1-Dichloroethane	3.605	63	44275	19.829	ug/l	97
22) cis-1,2-Dichloroethene	4.489	96	29575	19.956	ug/l	98
23) tert-Butyl Alcohol	3.014	59	25036m	104.441	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	79643	20.084	ug/l	98
25) Chloroform	5.092	83	50901	20.034	ug/l	92
26) Cyclohexane	5.470	56	38406	19.666	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	35826	19.638	ug/l	99
30) 2-Butanone	4.562	43	80898	94.861	ug/l	98
31) 2,2-Dichloropropane	4.477	77	36428	19.000	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	45090	19.146	ug/l	98
33) Carbon Tetrachloride	5.678	117	41084	19.078	ug/l	95
34) Benzene	6.037	78	102502	19.606	ug/l	99
35) Methacrylonitrile	4.916	41	17472	19.992	ug/l	99
36) 1,2-Dichloroethane	6.086	62	41189	20.496	ug/l	99
37) Trichloroethene	7.129	130	28514	19.208	ug/l	94
38) Methylcyclohexane	7.379	83	41806	19.448	ug/l	99
39) 1,2-Dichloropropane	7.433	63	25793	19.786	ug/l	99
40) Dibromomethane	7.586	93	19650	19.700	ug/l	98
41) Bromodichloromethane	7.824	83	39053	19.106	ug/l	99
42) Vinyl Acetate	3.721	43	294521	99.751	ug/l	99

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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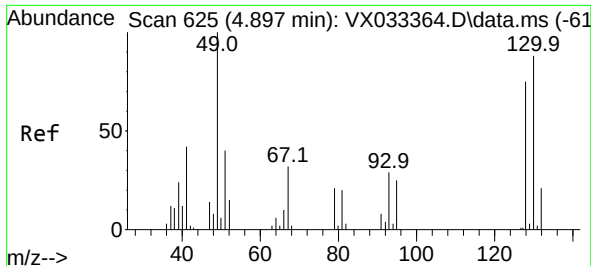
Manual Integrations
 APPROVED

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

Quant Time: Dec 13 07:31:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
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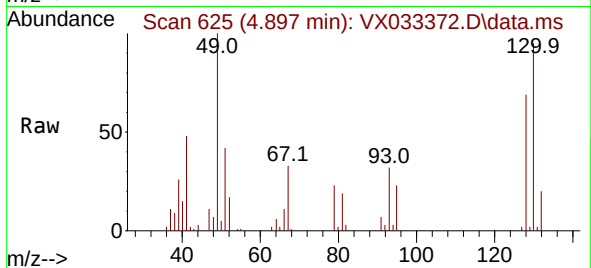
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	30636	19.979	ug/l	99
44) Isopropyl Acetate	6.342	43	51029	19.604	ug/l	99
45) 1,4-Dioxane	7.708	88	12465	408.842	ug/l #	64
46) Methyl methacrylate	7.690	41	26232	20.231	ug/l	99
47) n-amyl Acetate	10.841	43	42776	19.582	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	38367	18.713	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	42216	19.184	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	28016	20.311	ug/l	97
51) Ethyl methacrylate	9.116	69	39028	19.802	ug/l	98
52) 1,3-Dichloropropane	9.311	76	44387	19.706	ug/l	98
53) Dibromochloromethane	9.518	129	30735	18.541	ug/l	96
54) 1,2-Dibromoethane	9.610	107	30036	19.893	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	85257	92.134	ug/l	100
56) Bromoform	10.799	173	22310	18.645	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	163029	101.325	ug/l	99
59) 2-Hexanone	9.427	43	121576	98.814	ug/l	100
61) Tetrachloroethene	9.275	164	26048	19.550	ug/l	98
62) Toluene	8.720	91	117691	19.487	ug/l	99
64) Chlorobenzene	10.079	112	75429	19.743	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	28662	18.997	ug/l	99
66) Ethyl Benzene	10.195	91	133196	19.573	ug/l	97
67) m/p-Xylenes	10.299	106	103862	39.045	ug/l	98
68) o-Xylene	10.640	106	50277	19.398	ug/l	99
69) Styrene	10.652	104	84351	19.591	ug/l	98
70) Isopropylbenzene	10.963	105	135710	19.732	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	40781	20.049	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	36205m	19.988	ug/l	
73) Bromobenzene	11.195	156	33798	19.862	ug/l	98
74) n-propylbenzene	11.305	91	154433	19.595	ug/l	99
75) 2-Chlorotoluene	11.366	91	93426	19.720	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	114879	19.868	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	10877	18.060	ug/l	95
78) 4-Chlorotoluene	11.451	91	107564	19.813	ug/l	99
79) tert-butylbenzene	11.713	119	113386	19.782	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	113177	19.913	ug/l	99
81) sec-Butylbenzene	11.890	105	136195	19.770	ug/l	99
82) p-Isopropyltoluene	12.006	119	114894	19.557	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	62501	19.955	ug/l	100
84) 1,4-Dichlorobenzene	12.042	146	63044	19.998	ug/l	98
85) n-Butylbenzene	12.335	91	96220	19.621	ug/l	99
86) Hexachloroethane	12.536	117	19137	18.353	ug/l	94
87) 1,2-Dichlorobenzene	12.335	146	60501	19.604	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	8396	18.946	ug/l	95
89) 1,2,4-Trichlorobenzene	13.591	180	38770	20.336	ug/l	97
90) Hexachlorobutadiene	13.725	225	16615	20.539	ug/l	100
91) Naphthalene	13.774	128	123680	20.045	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	37883	19.842	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

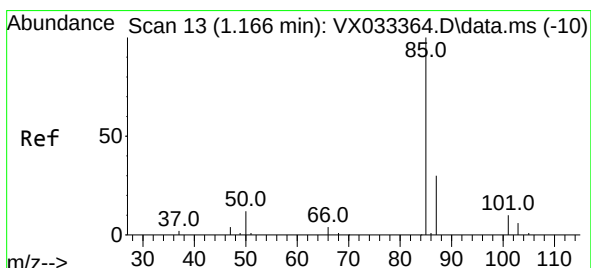
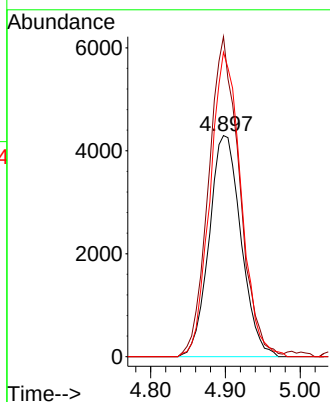
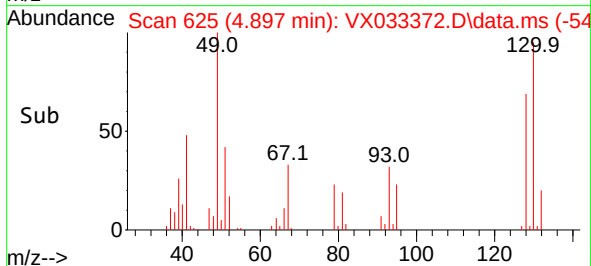
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion:128 Resp: 1271
Ion Ratio Lower Upper
128 100
49 140.6 0.0 339.5
130 133.9 0.0 318.0

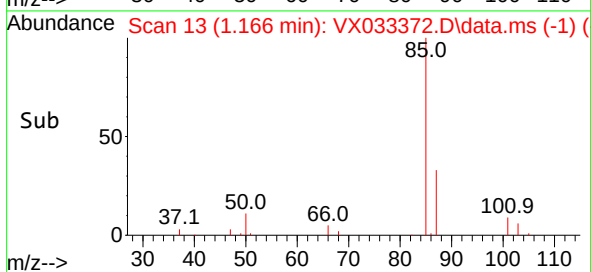
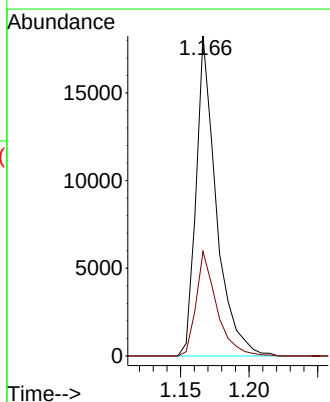
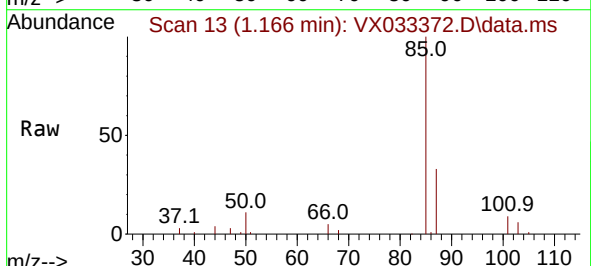
Manual Integrations
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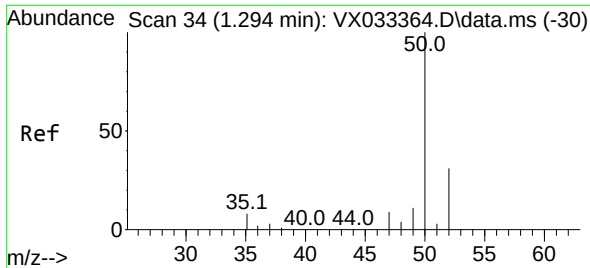
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#2
Dichlorodifluoromethane
Concen: 20.126 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

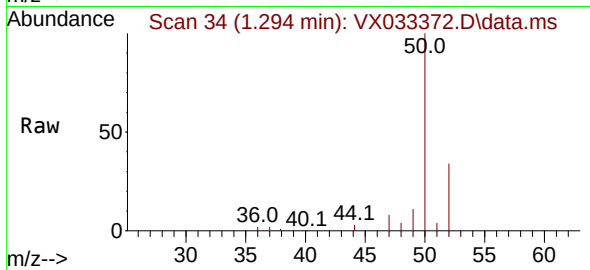
Tgt Ion: 85 Resp: 18692
Ion Ratio Lower Upper
85 100
87 32.6 14.9 44.7





#3
Chloromethane
Concen: 20.907 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

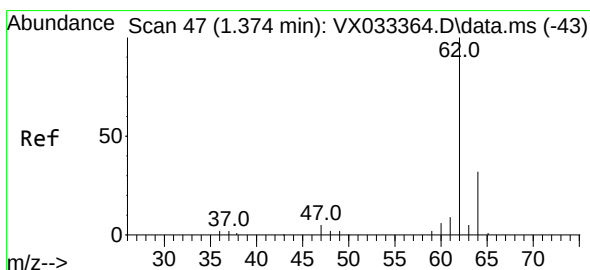
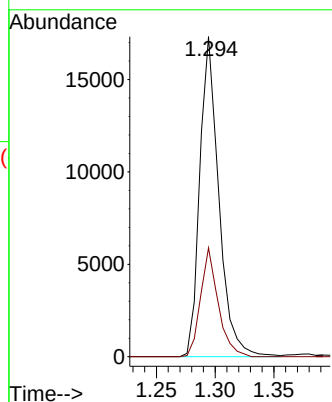
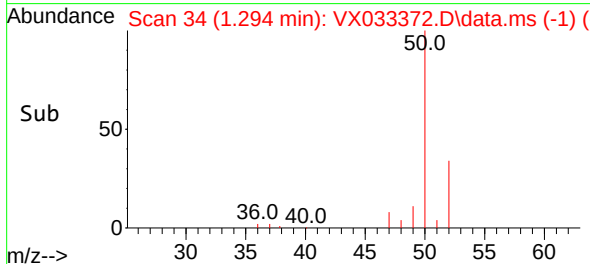
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



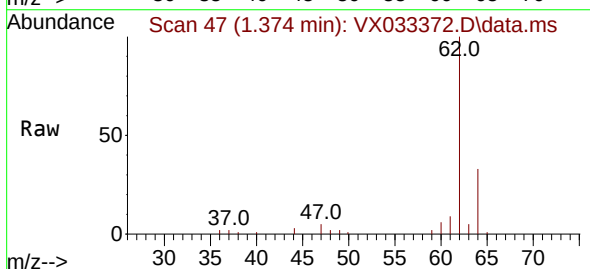
Tgt Ion: 50 Resp: 19594
Ion Ratio Lower Upper
50 100
52 34.0 24.6 36.8

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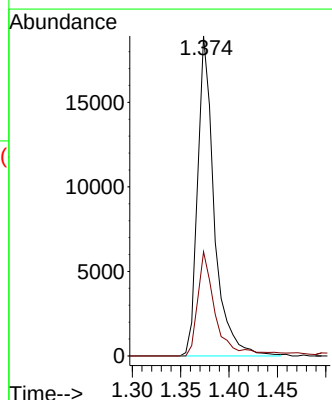
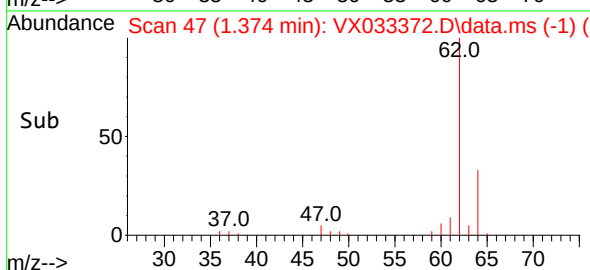
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

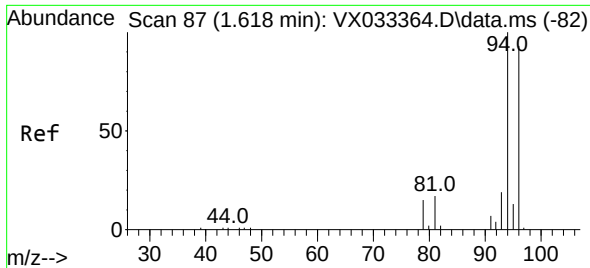


#4
Vinyl Chloride
Concen: 20.160 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18



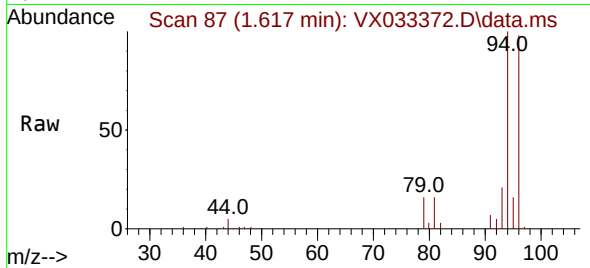
Tgt Ion: 62 Resp: 22670
Ion Ratio Lower Upper
62 100
64 32.5 25.9 38.9





#5
Bromomethane
Concen: 20.330 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

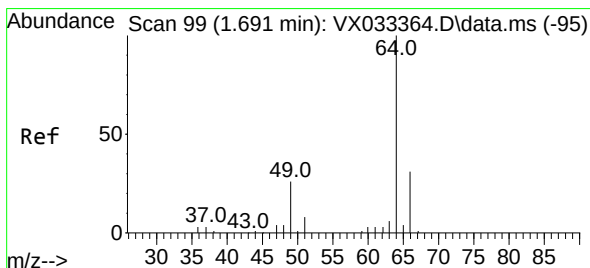
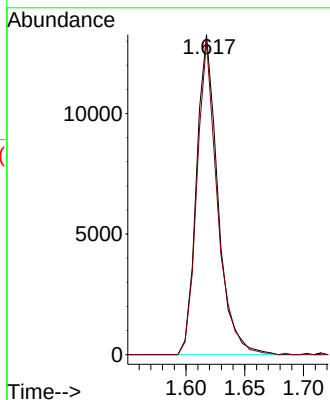
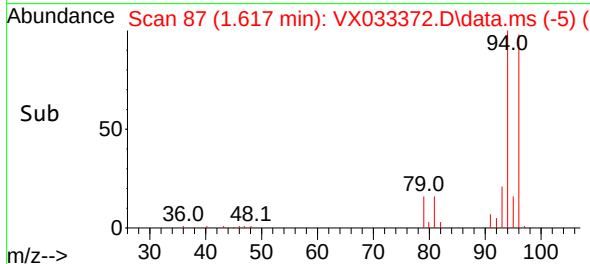
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion: 94 Resp: 16718
Ion Ratio Lower Upper
94 100
96 97.9 74.2 111.2

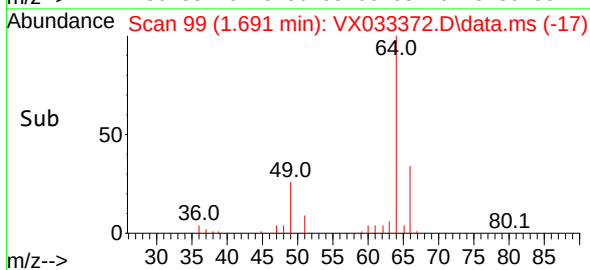
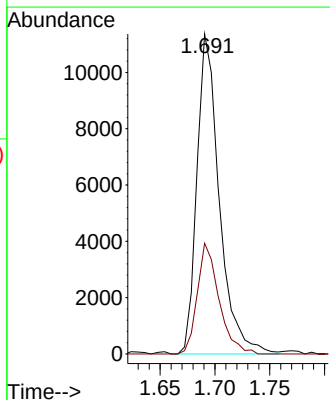
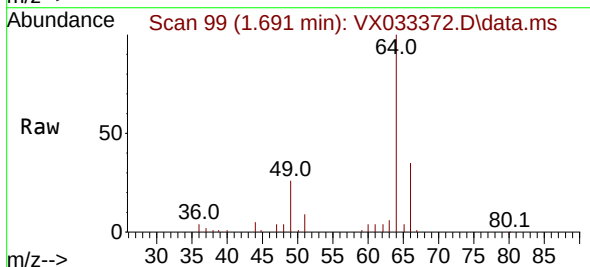
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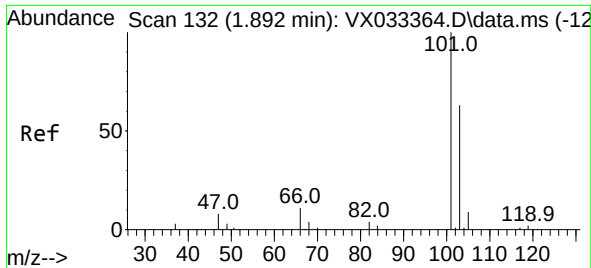
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#6
Chloroethane
Concen: 19.403 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

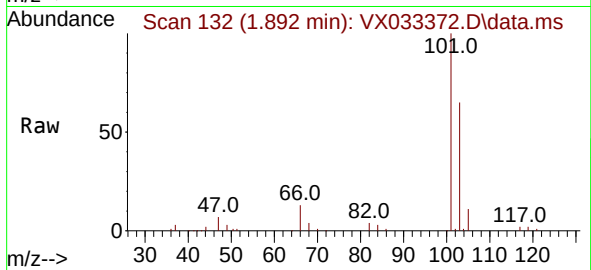
Tgt Ion: 64 Resp: 16131
Ion Ratio Lower Upper
64 100
66 34.6 24.8 37.2





#7
Trichlorofluoromethane
Concen: 19.697 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

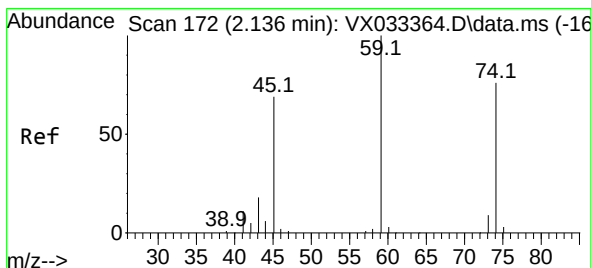
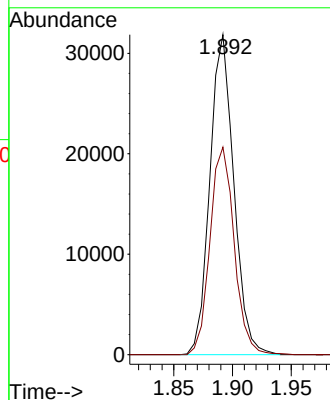
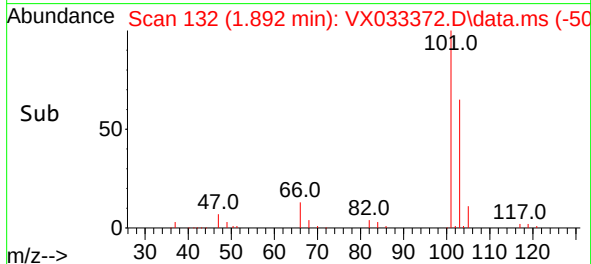
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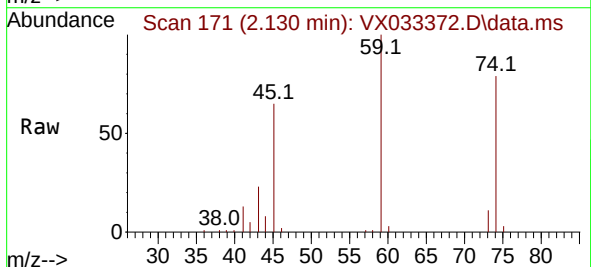
Tgt Ion:101 Resp: 45154
Ion Ratio Lower Upper
101 100
103 64.8 50.3 75.5

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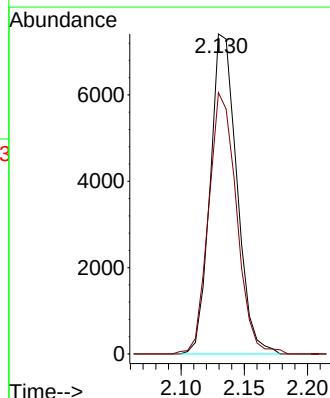
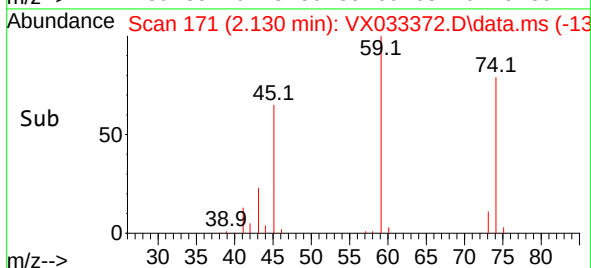
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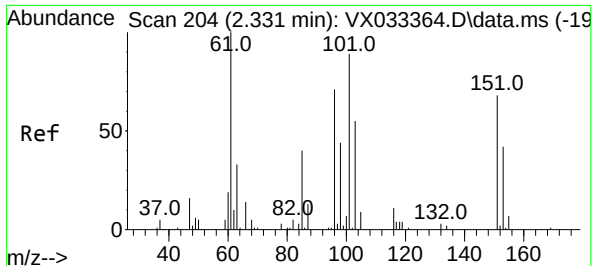


#8
Diethyl Ether
Concen: 15.208 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18



Tgt Ion: 74 Resp: 10888
Ion Ratio Lower Upper
74 100
45 85.2 18.0 161.8





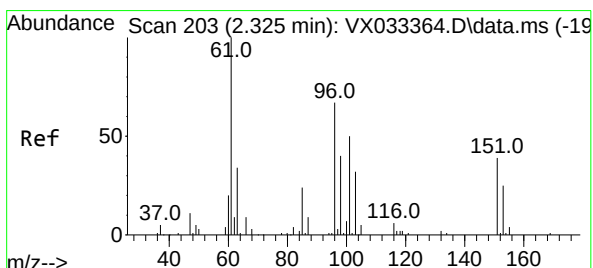
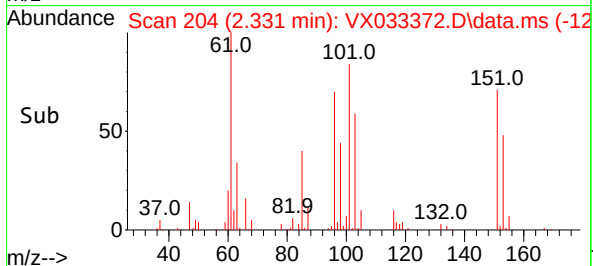
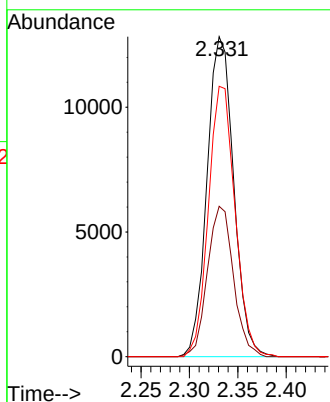
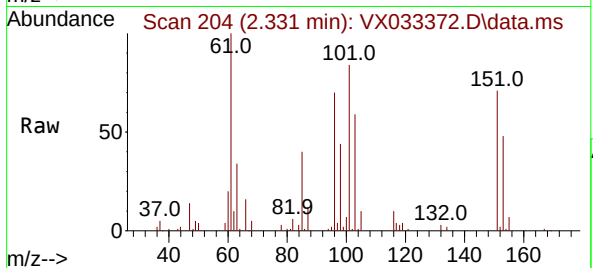
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.126 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion:101 Resp: 2459
Ion Ratio Lower Upper
101 100
85 45.9 0.0 88.8
151 84.2 0.0 162.2

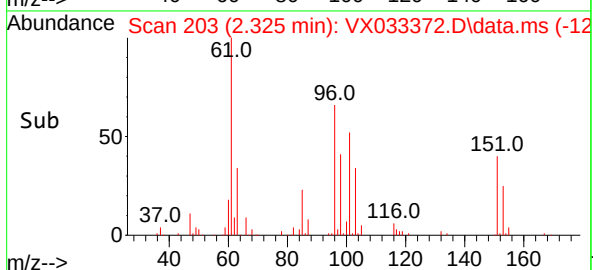
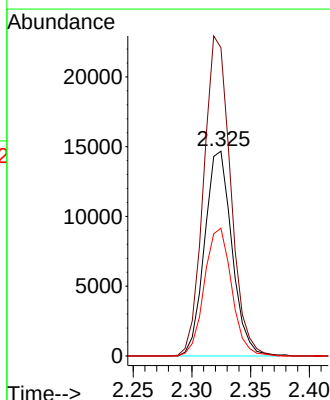
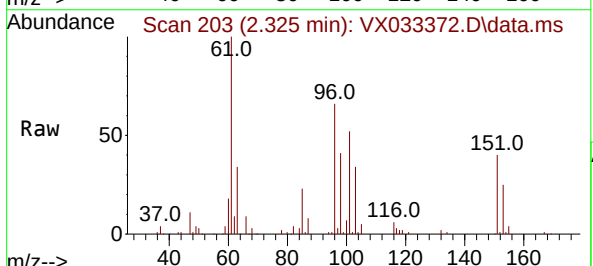
Manual Integrations
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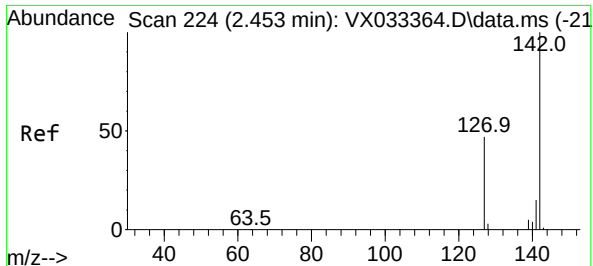
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#10
1,1-Dichloroethene
Concen: 21.708 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

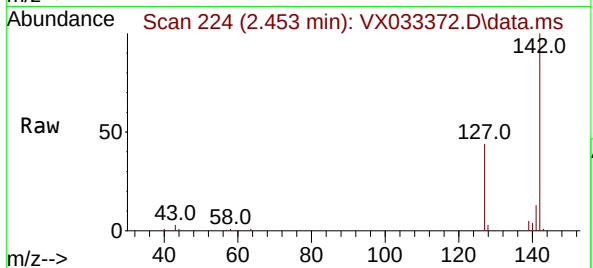
Tgt Ion: 96 Resp: 23790
Ion Ratio Lower Upper
96 100
61 150.2 120.5 180.7
98 62.4 47.8 71.6





#11
Methyl Iodide
Concen: 19.537 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

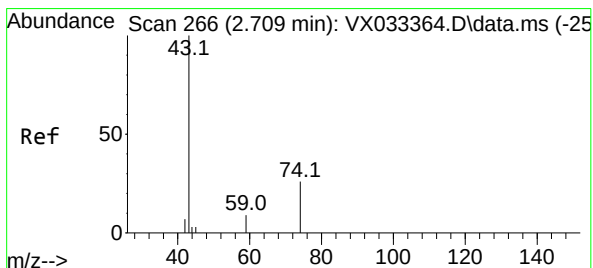
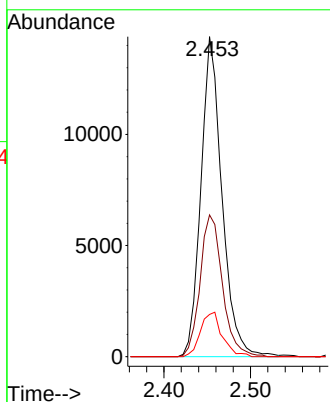
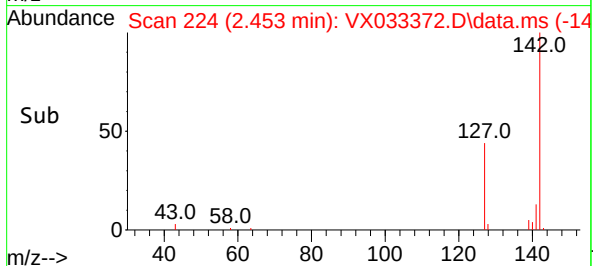
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion:142 Resp: 24318
Ion Ratio Lower Upper
142 100
127 44.4 23.4 70.3
141 13.2 7.8 23.3

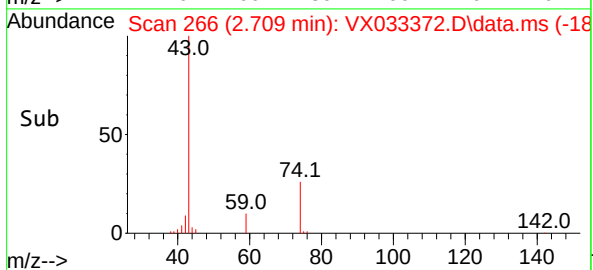
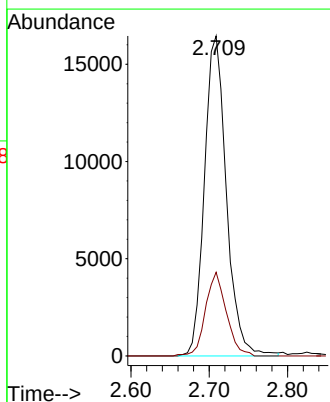
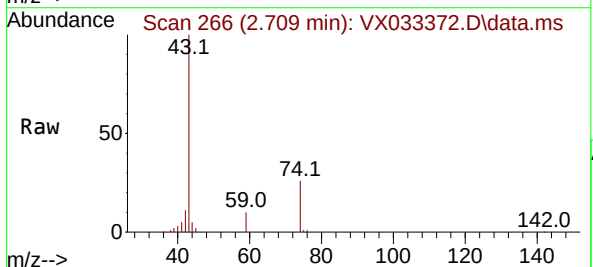
Manual Integrations
APPROVED

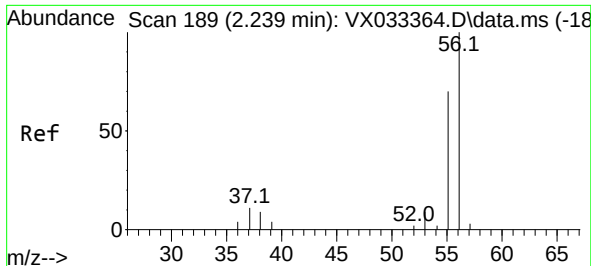
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#12
Methyl Acetate
Concen: 20.713 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

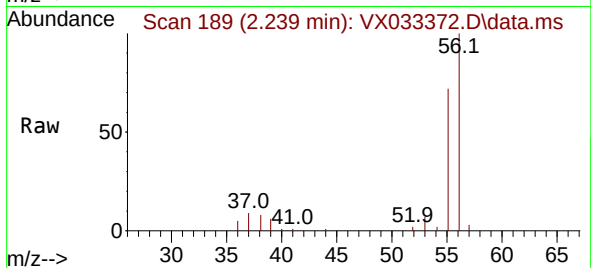
Tgt Ion: 43 Resp: 32011
Ion Ratio Lower Upper
43 100
74 26.1 20.6 31.0





#13
Acrolein
Concen: 86.024 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

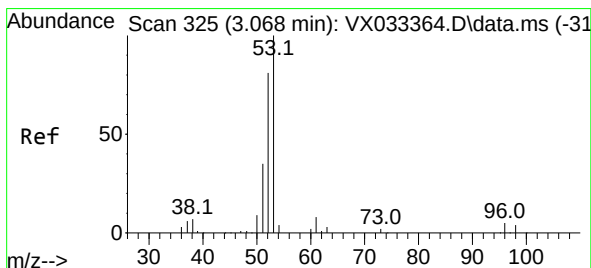
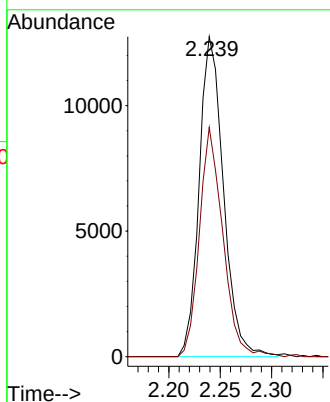
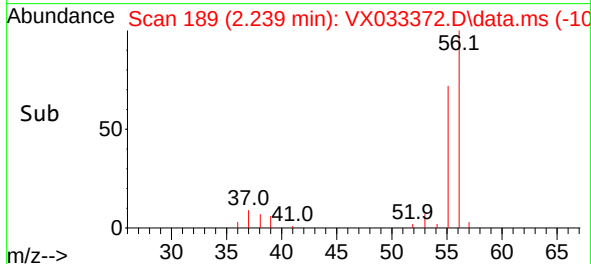
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



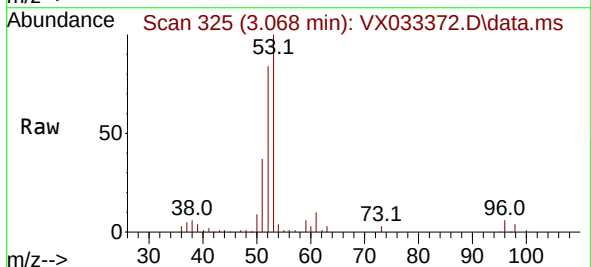
Tgt Ion: 56 Resp: 2103
Ion Ratio Lower Upper
56 100
55 68.1 57.2 85.8

Manual Integrations
APPROVED

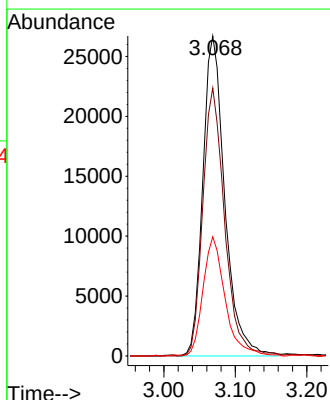
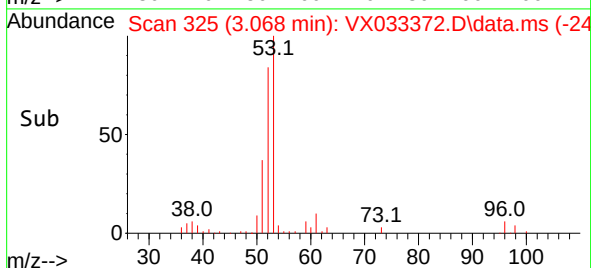
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

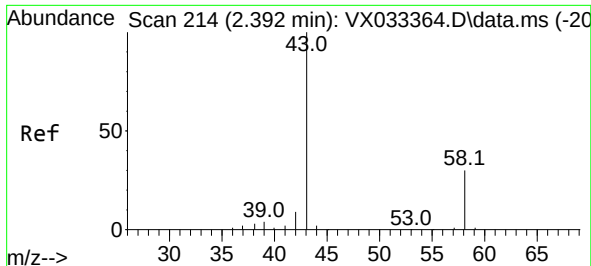


#14
Acrylonitrile
Concen: 101.505 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18



Tgt Ion: 53 Resp: 57020
Ion Ratio Lower Upper
53 100
52 82.5 40.3 120.8
51 37.4 18.4 55.4





#15

Acetone

Concen: 92.495 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX033372.D

Acq: 12 Dec 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tgt Ion: 58 Resp: 17860

Ion Ratio Lower Upper

58 100

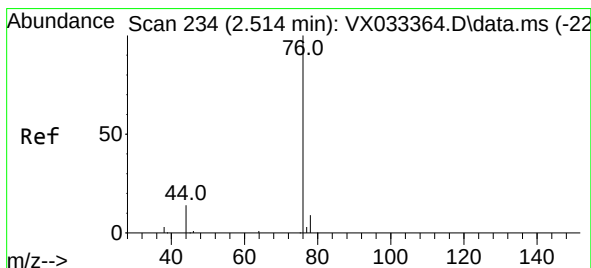
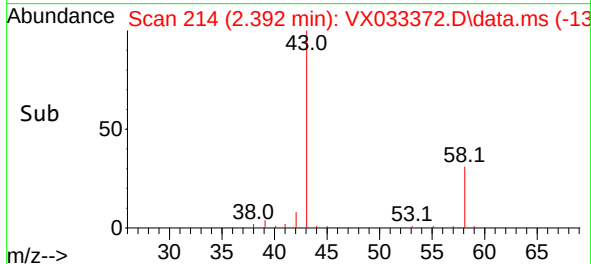
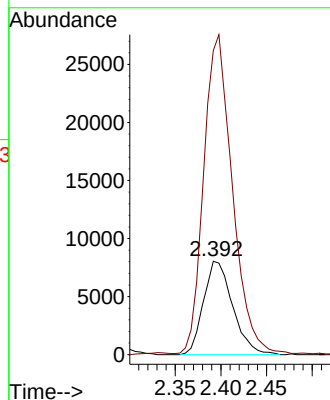
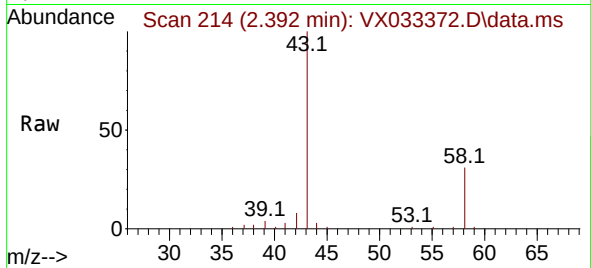
43 323.7 262.9 394.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#16

Carbon Disulfide

Concen: 19.686 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX033372.D

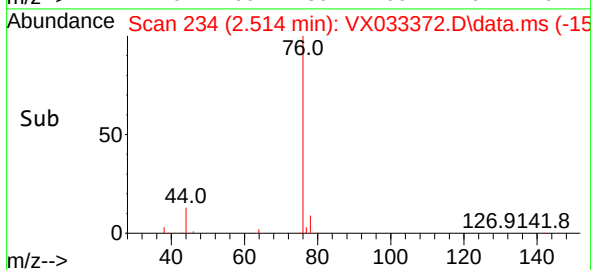
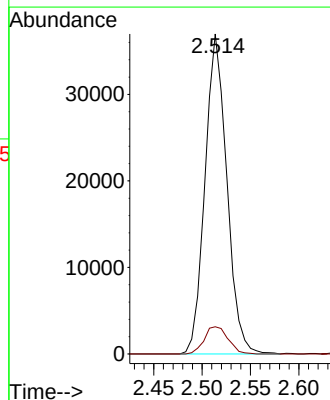
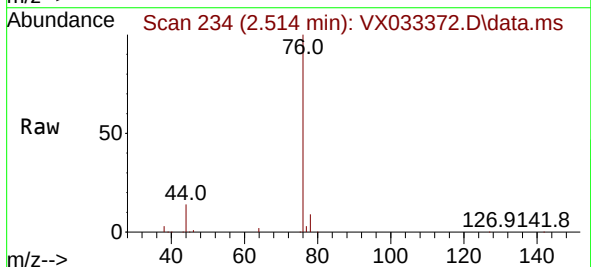
Acq: 12 Dec 2022 14:18

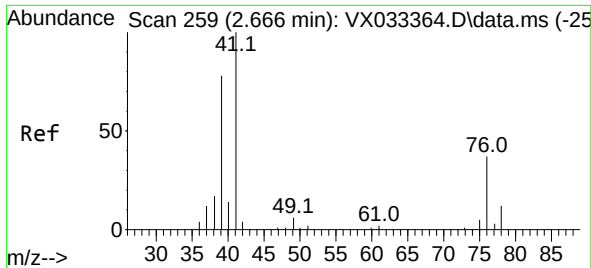
Tgt Ion: 76 Resp: 58121

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.4





#17

Allyl chloride

Concen: 19.668 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX033372.D

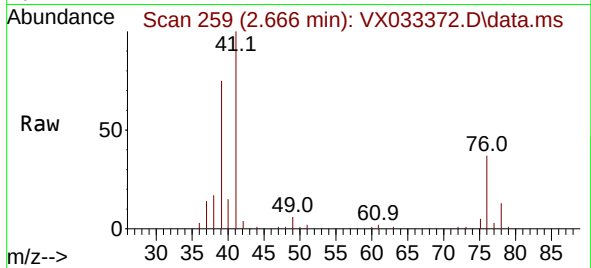
Acq: 12 Dec 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01



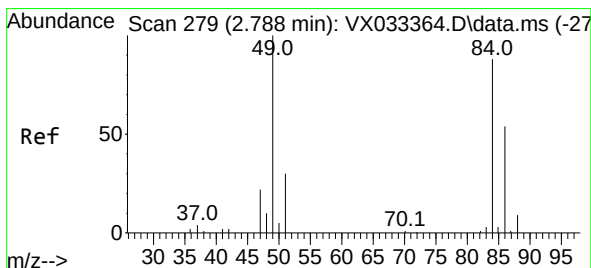
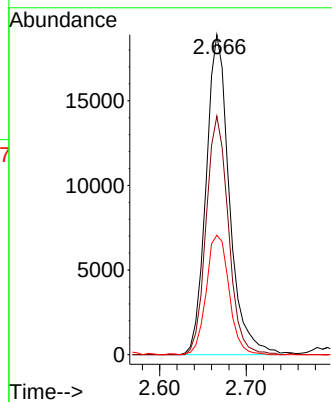
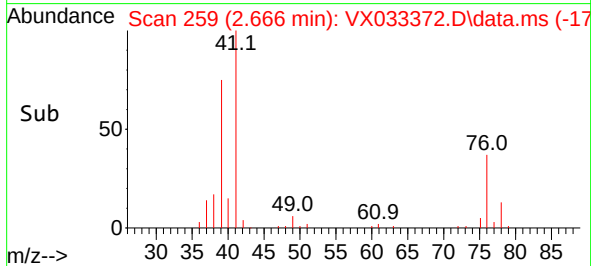
Tgt Ion:	41	Resp:	35380
Ion	Ratio	Lower	Upper
41	100		
39	74.6	39.1	117.2
76	37.3	18.6	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#18

Methylene Chloride

Concen: 20.046 ug/l

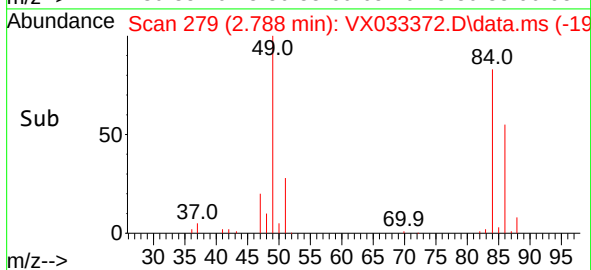
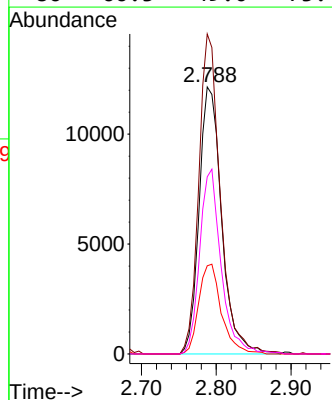
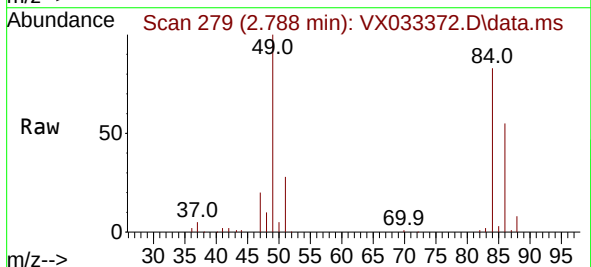
RT: 2.788 min Scan# 279

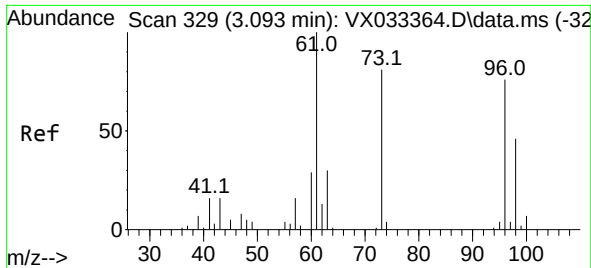
Delta R.T. -0.000 min

Lab File: VX033372.D

Acq: 12 Dec 2022 14:18

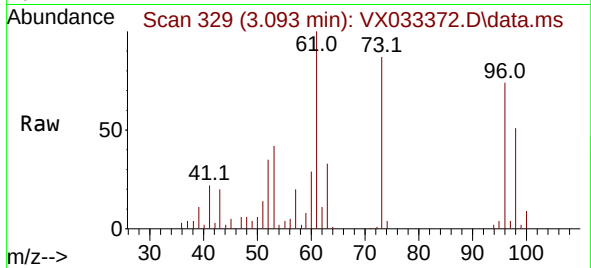
Tgt Ion:	84	Resp:	25497
Ion	Ratio	Lower	Upper
84	100		
49	119.8	91.2	136.8
51	33.0	27.3	40.9
86	66.3	49.0	73.4





#19
trans-1,2-Dichloroethene
Concen: 19.247 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

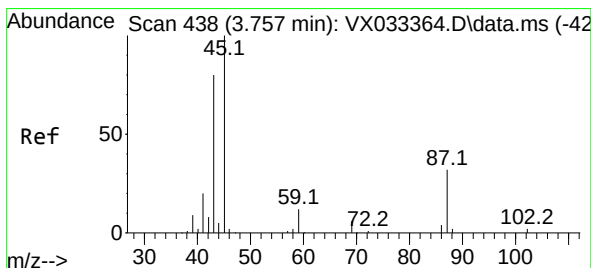
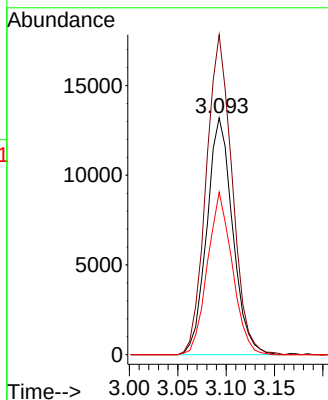
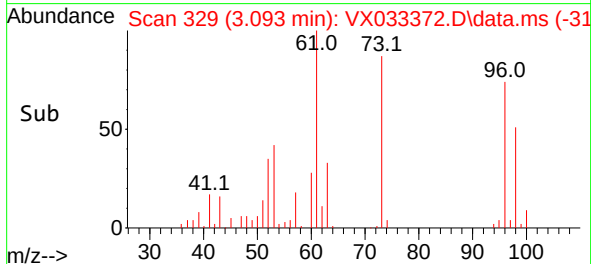
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



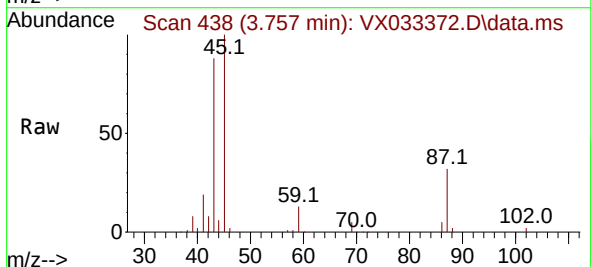
Tgt Ion: 96 Resp: 2457
Ion Ratio Lower Upper
96 100
61 135.1 105.8 158.8
98 68.6 49.1 73.7

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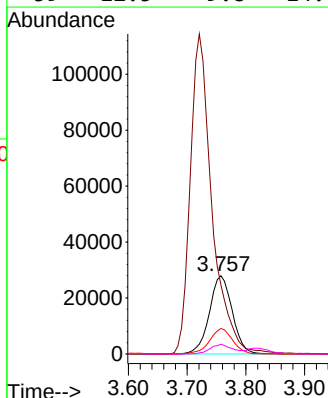
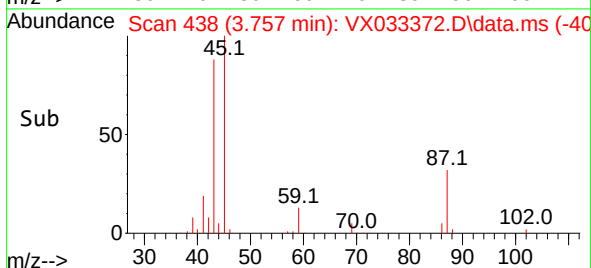
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

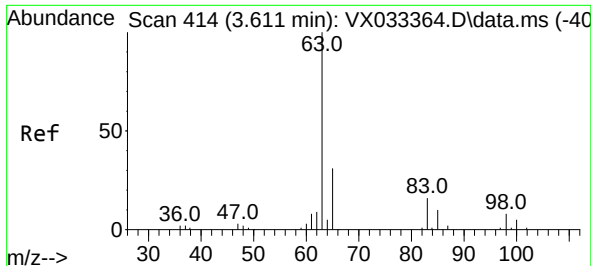


#20
Diisopropyl ether
Concen: 19.999 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18



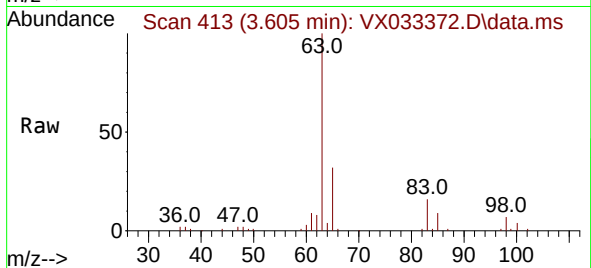
Tgt Ion: 45 Resp: 75705
Ion Ratio Lower Upper
45 100
43 86.8 68.2 102.2
87 32.5 25.5 38.3
59 12.5 9.8 14.6





#21
1,1-Dichloroethane
Concen: 19.829 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

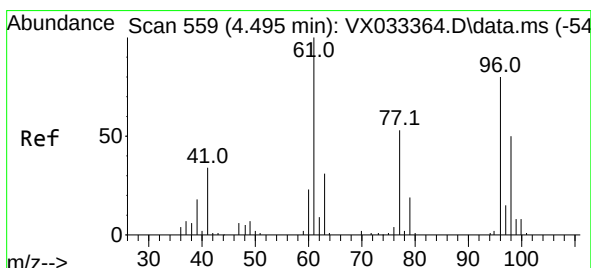
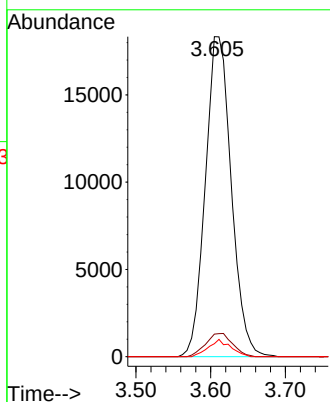
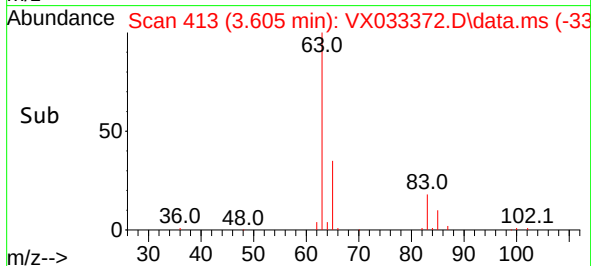
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion: 63 Resp: 44275
Ion Ratio Lower Upper
63 100
98 7.1 4.0 11.9
100 4.1 2.8 8.3

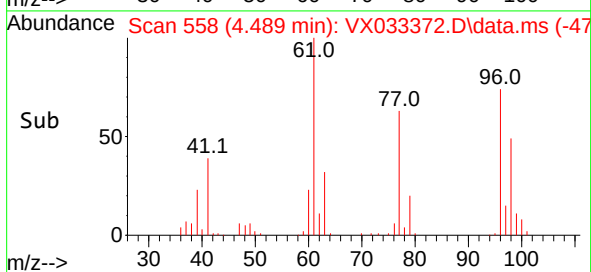
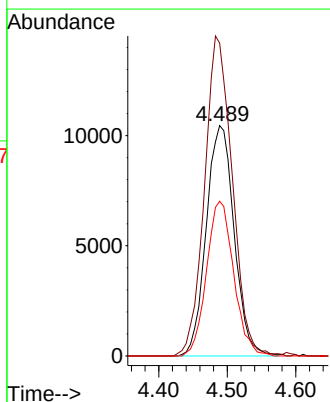
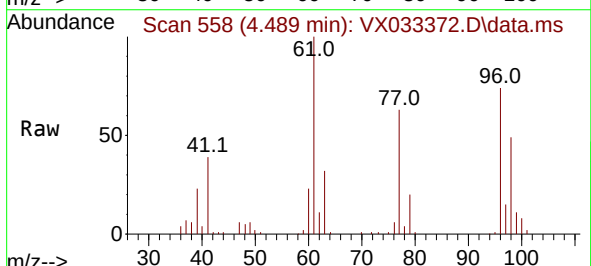
Manual Integrations
APPROVED

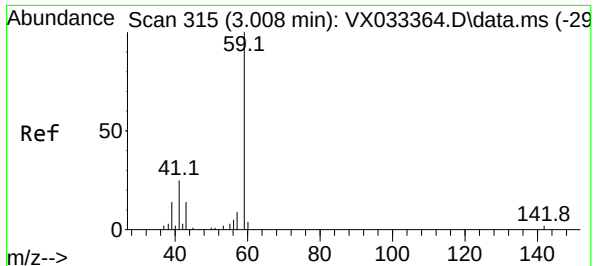
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#22
cis-1,2-Dichloroethene
Concen: 19.956 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

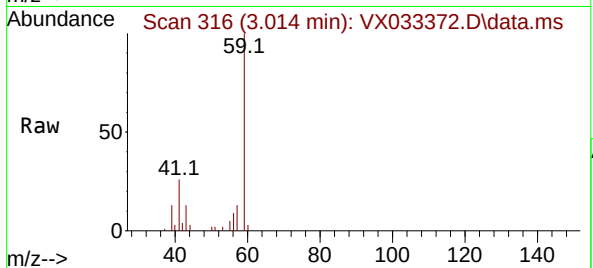
Tgt Ion: 96 Resp: 29575
Ion Ratio Lower Upper
96 100
61 137.9 113.5 170.3
98 65.3 51.9 77.9





#23
tert-Butyl Alcohol
Concen: 104.441 ug/l m
RT: 3.014 min Scan# 315
Delta R.T. 0.006 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

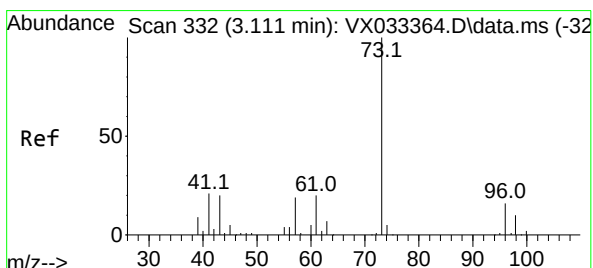
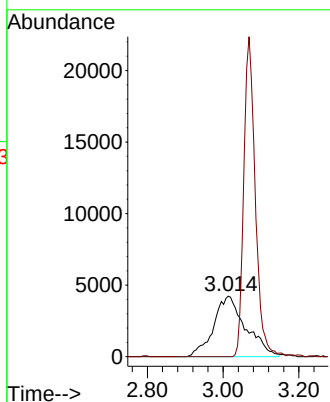
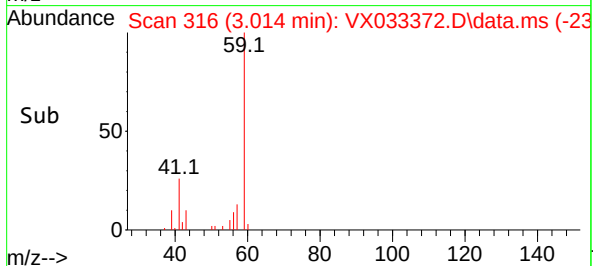
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion: 59 Resp: 25036
Ion Ratio Lower Upper
59 100
52 187.9 149.0 223.6

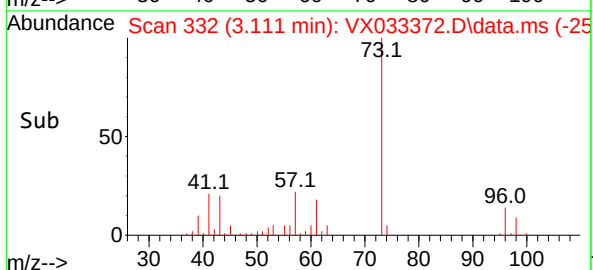
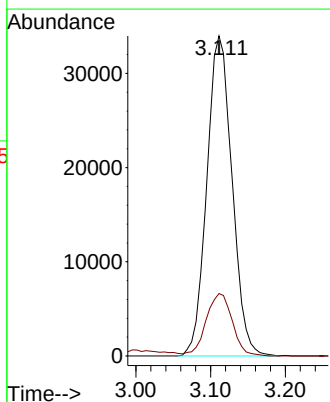
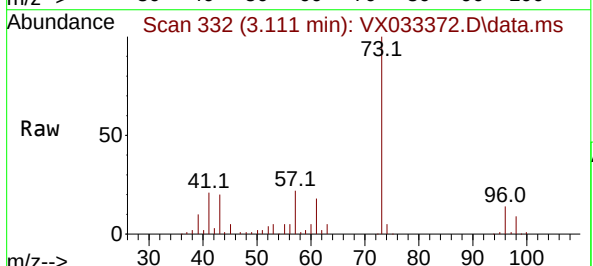
Manual Integrations
APPROVED

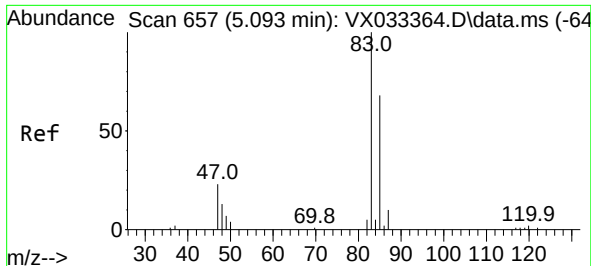
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#24
Methyl tert-Butyl Ether
Concen: 20.084 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

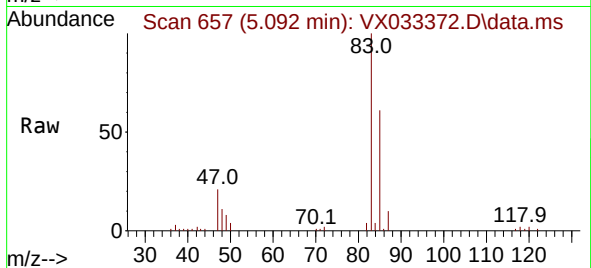
Tgt Ion: 73 Resp: 79643
Ion Ratio Lower Upper
73 100
43 20.2 16.8 25.2





#25
Chloroform
Concen: 20.034 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

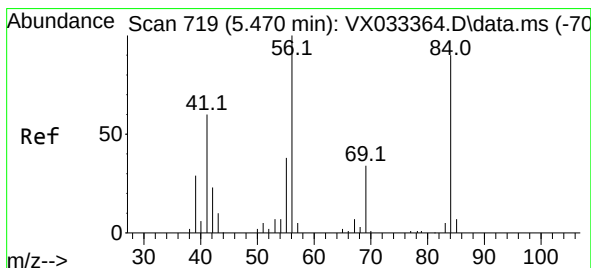
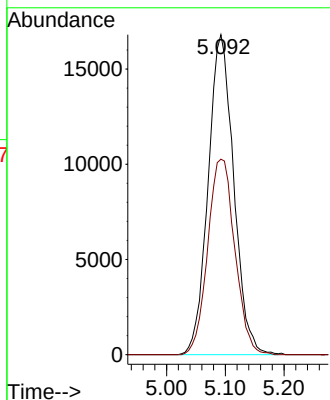
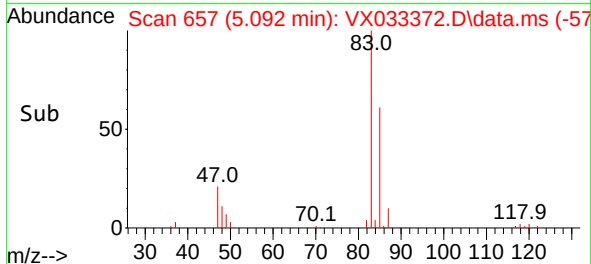
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion: 83 Resp: 5090
Ion Ratio Lower Upper
83 100
85 61.1 54.2 81.2

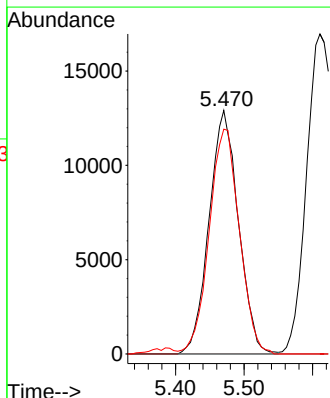
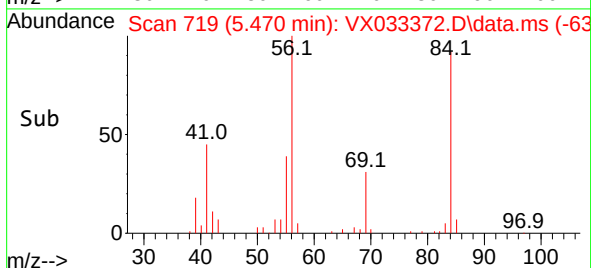
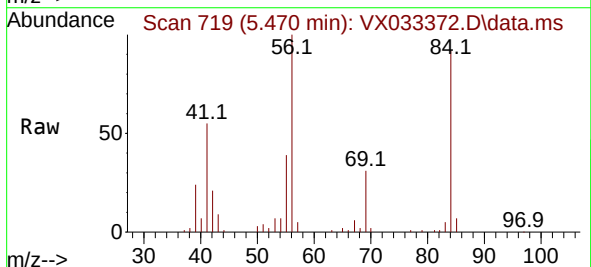
Manual Integrations
APPROVED

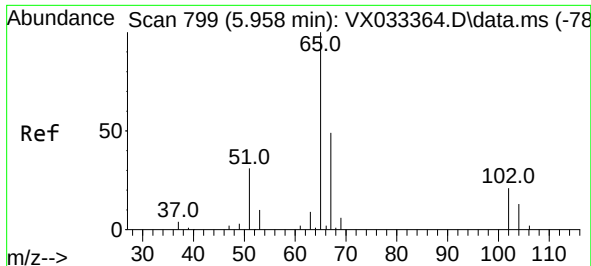
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#26
Cyclohexane
Concen: 19.666 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

Tgt Ion: 56 Resp: 38406
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 95.1 74.7 112.1





#27

1,2-Dichloroethane-d4

Concen: 30.939 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033372.D

Acq: 12 Dec 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tgt Ion: 65 Resp: 3455

Ion Ratio Lower Upper

65 100

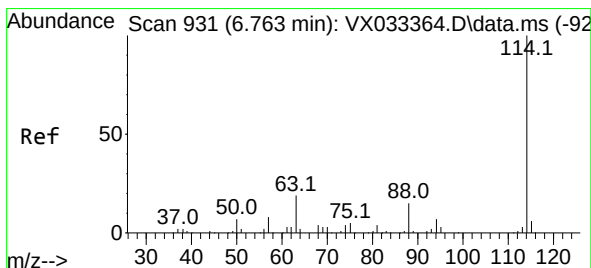
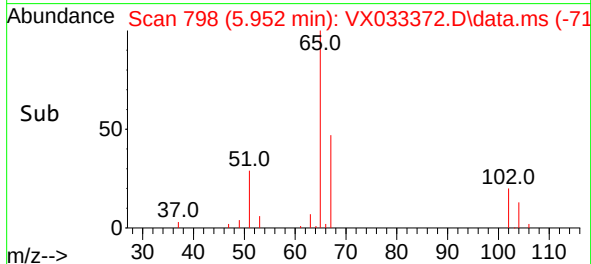
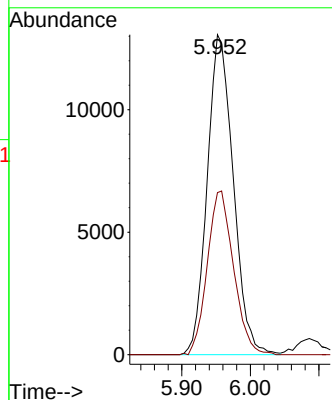
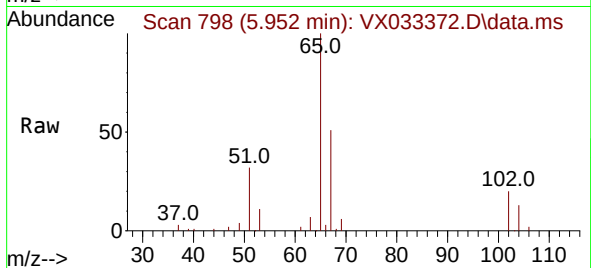
67 51.5 39.8 59.8

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: VX033372.D

Acq: 12 Dec 2022 14:18

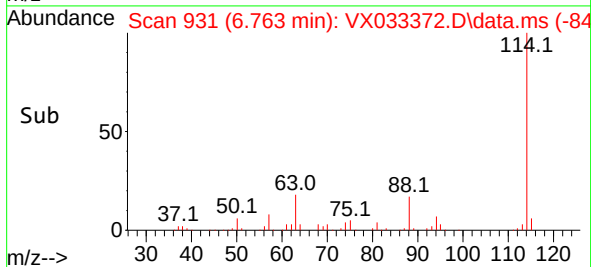
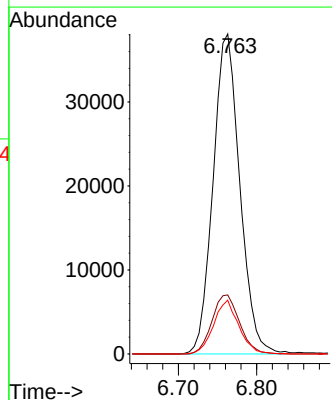
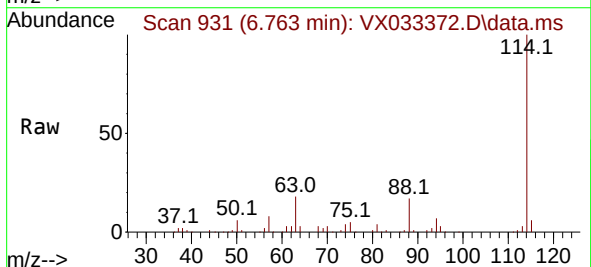
Tgt Ion:114 Resp: 90265

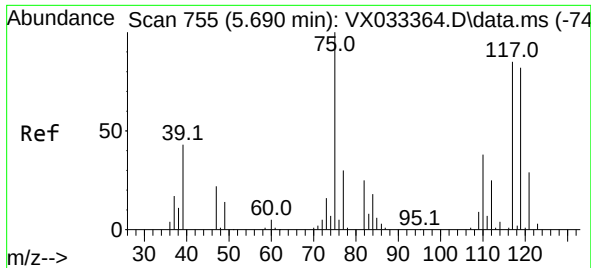
Ion Ratio Lower Upper

114 100

63 19.0 15.2 22.8

88 15.9 12.2 18.4





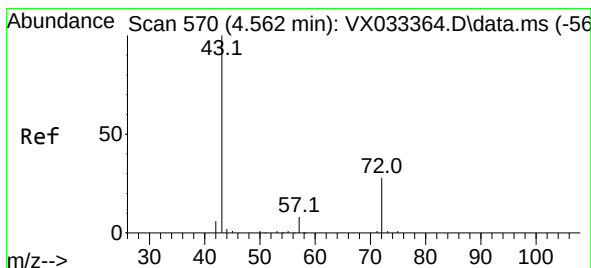
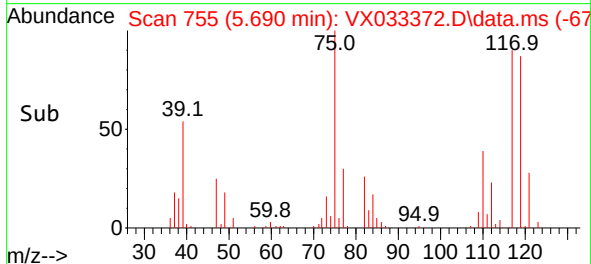
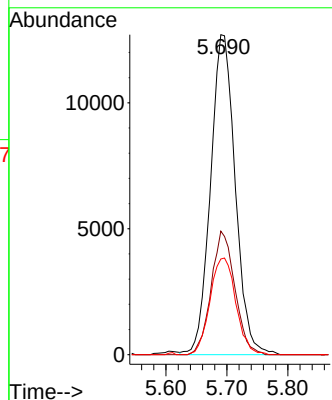
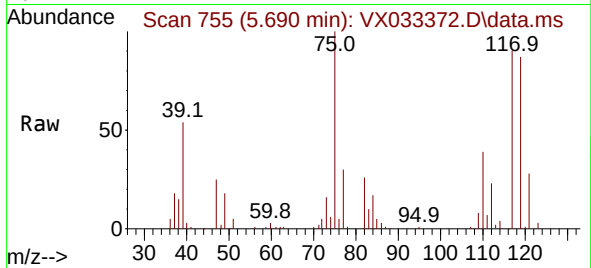
#29
1,1-Dichloropropene
Concen: 19.638 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion: 75 Resp: 35820
Ion Ratio Lower Upper
75 100
110 37.0 0.0 73.6
77 31.6 0.0 62.0

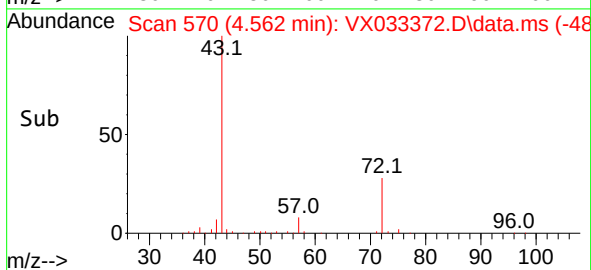
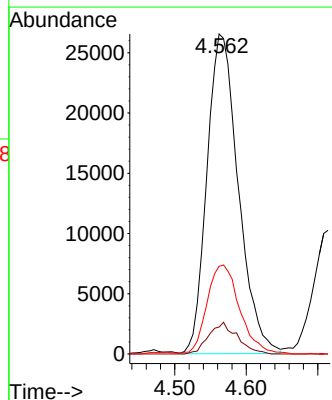
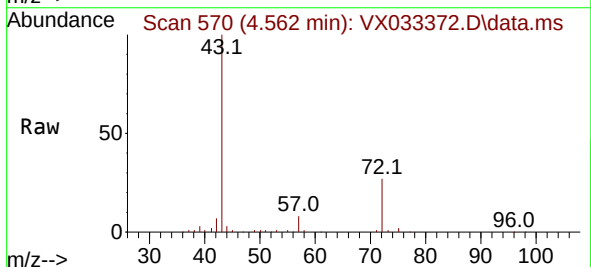
Manual Integrations
APPROVED

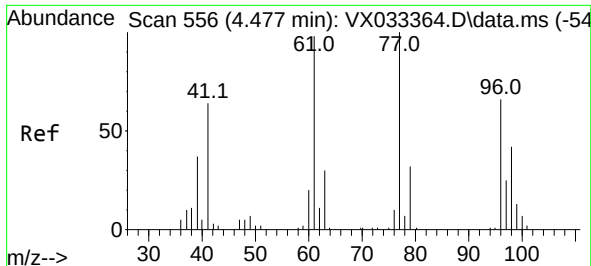
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#30
2-Butanone
Concen: 94.861 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

Tgt Ion: 43 Resp: 80898
Ion Ratio Lower Upper
43 100
57 6.7 6.6 9.8
72 28.9 22.5 33.7





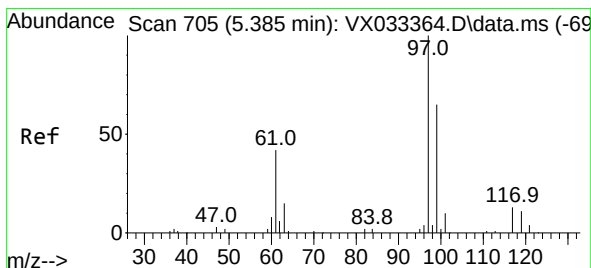
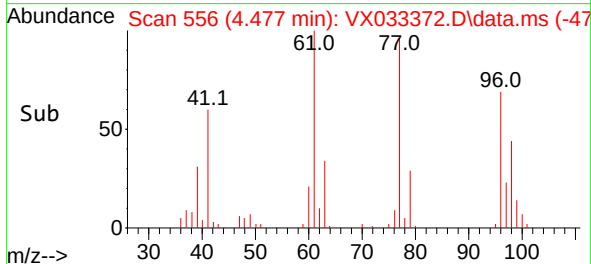
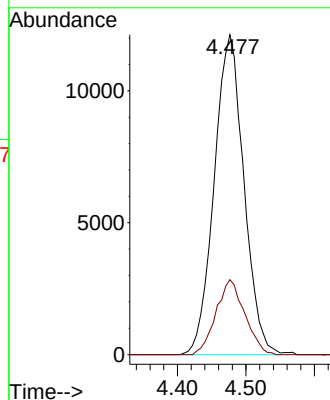
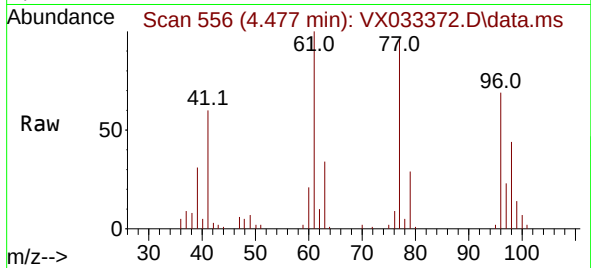
#31
2,2-Dichloropropane
Concen: 19.000 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion: 77 Resp: 36428
Ion Ratio Lower Upper
77 100
97 22.7 18.1 27.1

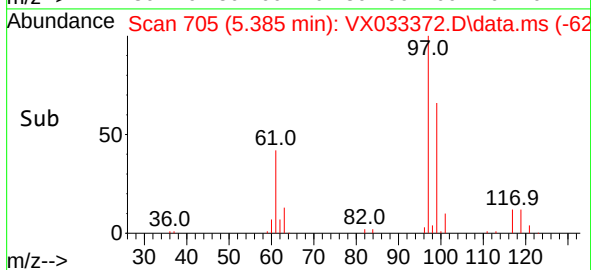
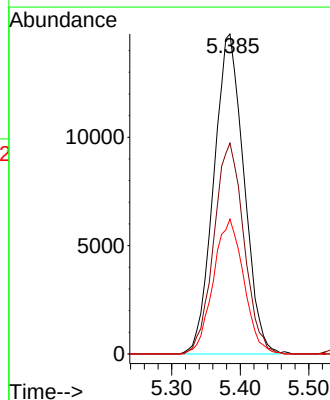
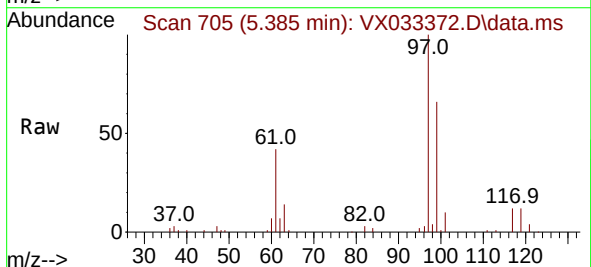
Manual Integrations
APPROVED

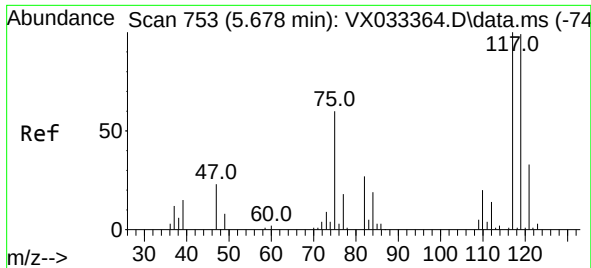
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#32
1,1,1-Trichloroethane
Concen: 19.146 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

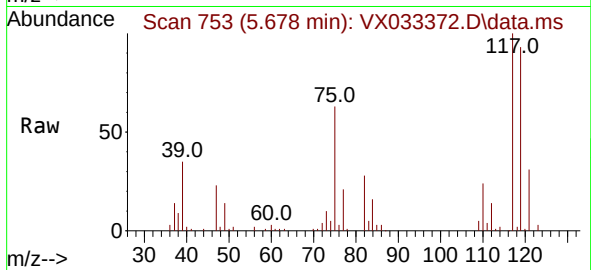
Tgt Ion: 97 Resp: 45090
Ion Ratio Lower Upper
97 100
99 65.8 51.0 76.4
61 42.5 34.3 51.5





#33
Carbon Tetrachloride
Concen: 19.078 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

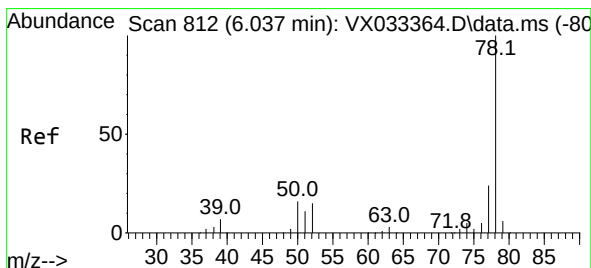
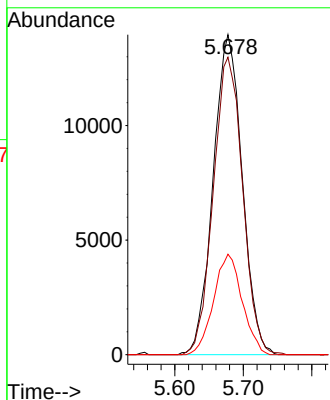
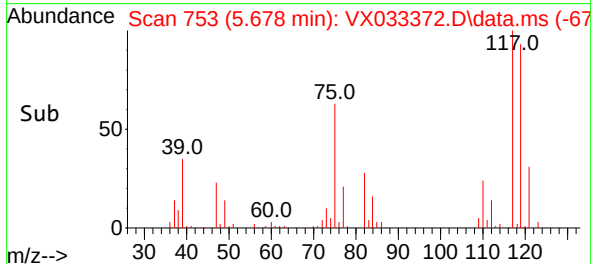
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



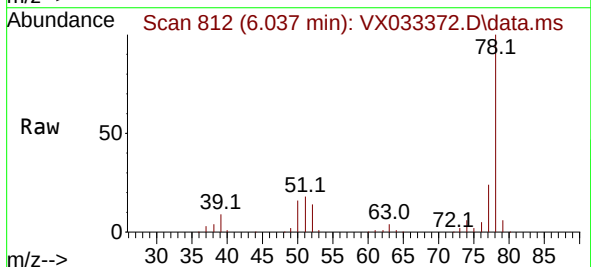
Tgt Ion:117 Resp: 41084
Ion Ratio Lower Upper
117 100
119 92.9 79.5 119.3
121 31.4 26.2 39.2

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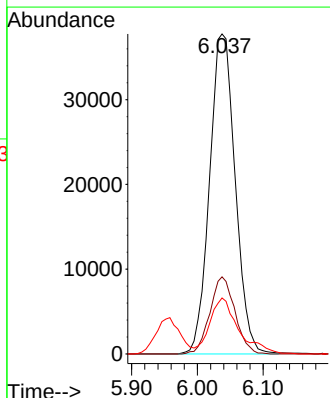
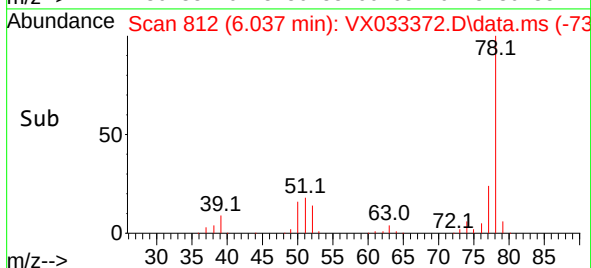
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

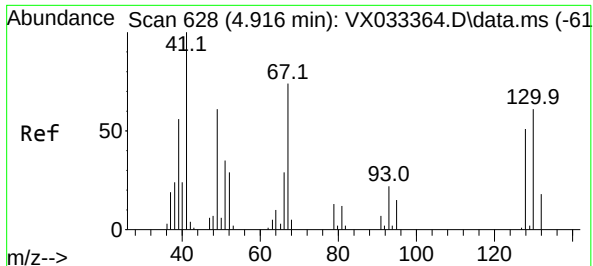


#34
Benzene
Concen: 19.606 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18



Tgt Ion: 78 Resp: 102502
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8
51 17.0 12.6 18.8





#35

Methacrylonitrile

Concen: 19.992 ug/l

RT: 4.916 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX033372.D

Acq: 12 Dec 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tgt Ion: 41 Resp: 1747

Ion Ratio Lower Upper

41 100

39 54.1 27.8 83.3

67 73.5 37.0 110.9

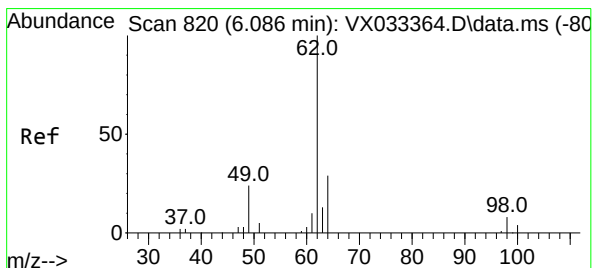
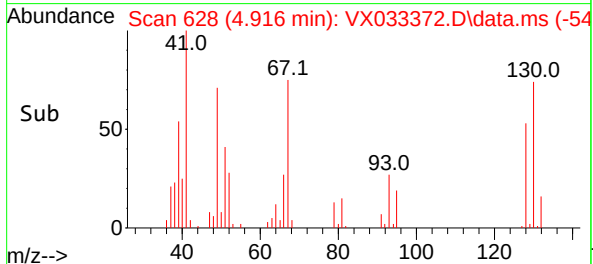
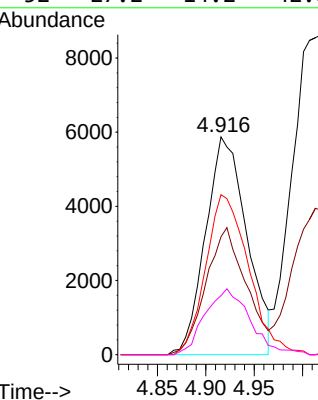
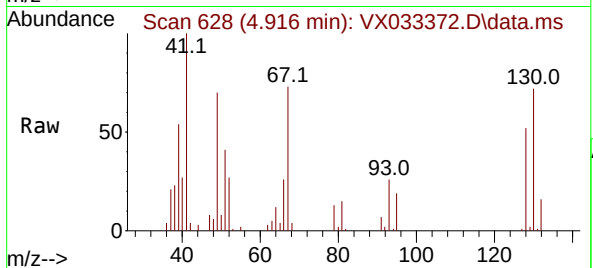
52 27.2 14.2 42.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#36

1,2-Dichloroethane

Concen: 20.496 ug/l

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX033372.D

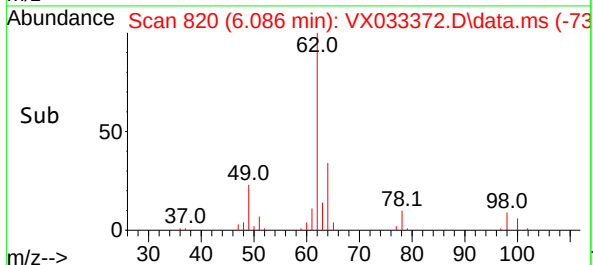
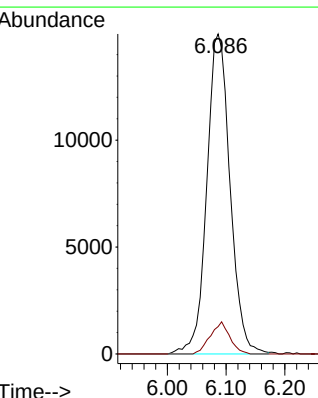
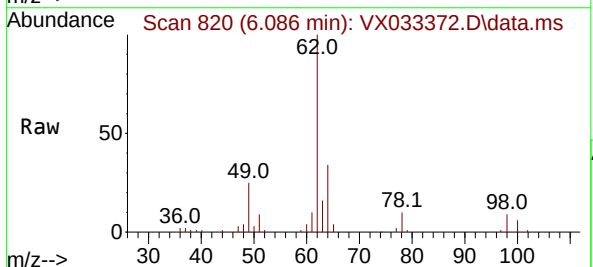
Acq: 12 Dec 2022 14:18

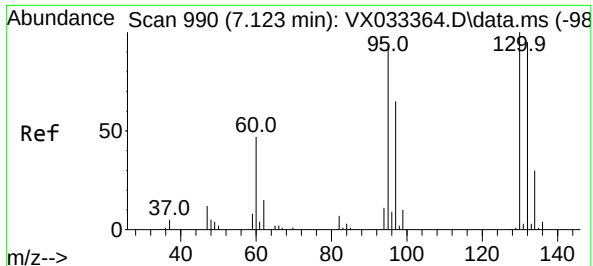
Tgt Ion: 62 Resp: 41189

Ion Ratio Lower Upper

62 100

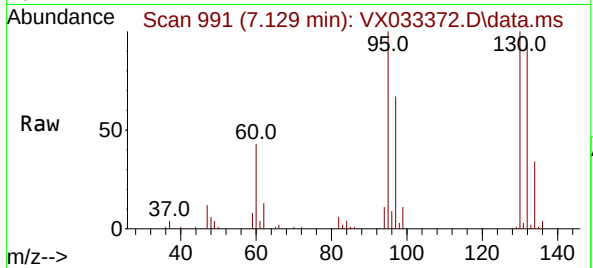
98 8.4 6.4 9.6





#37
Trichloroethene
Concen: 19.208 ug/l
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

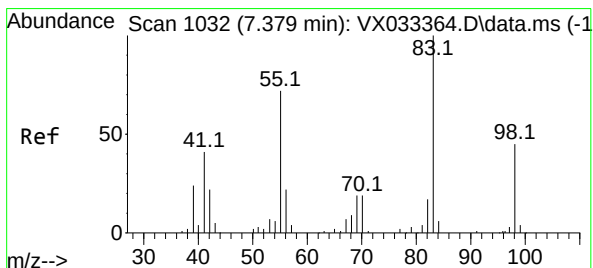
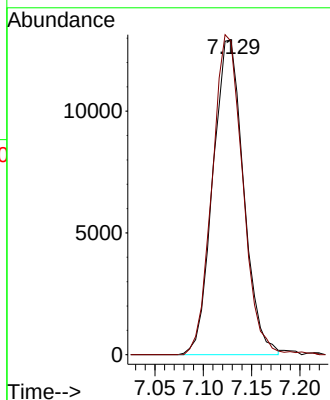
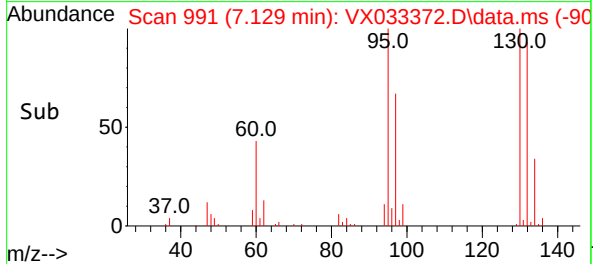
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion:130 Resp: 28514
Ion Ratio Lower Upper
130 100
95 99.5 74.6 112.0

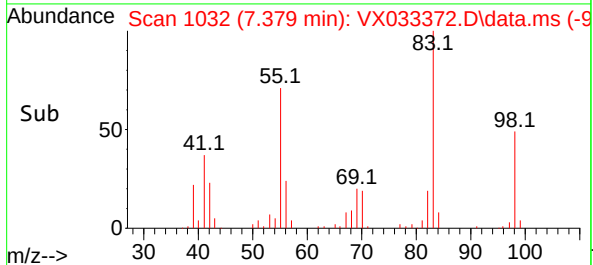
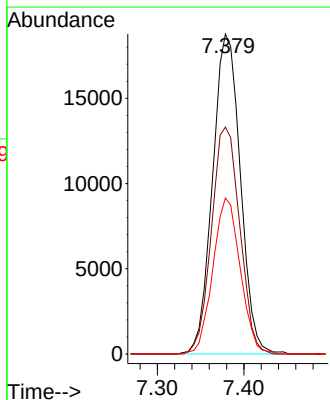
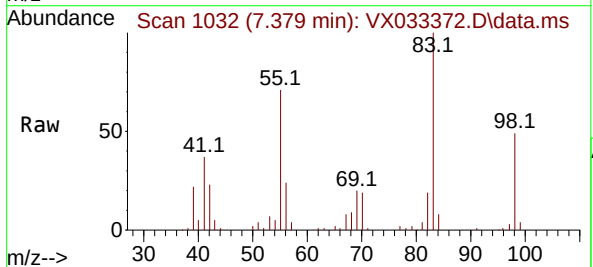
Manual Integrations
APPROVED

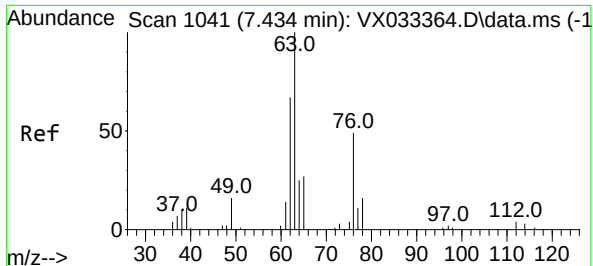
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#38
Methylcyclohexane
Concen: 19.448 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

Tgt Ion: 83 Resp: 41806
Ion Ratio Lower Upper
83 100
55 72.1 36.2 108.6
98 48.1 23.4 70.2





#39

1,2-Dichloropropane

Concen: 19.786 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX033372.D

Acq: 12 Dec 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tgt Ion: 63 Resp: 2579

Ion Ratio Lower Upper

63 100

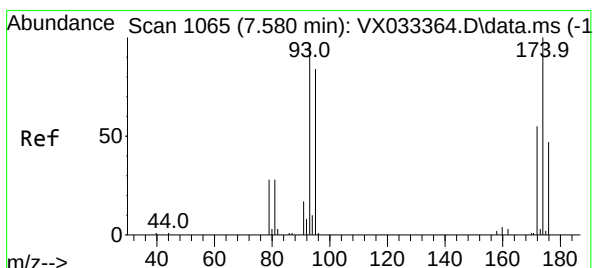
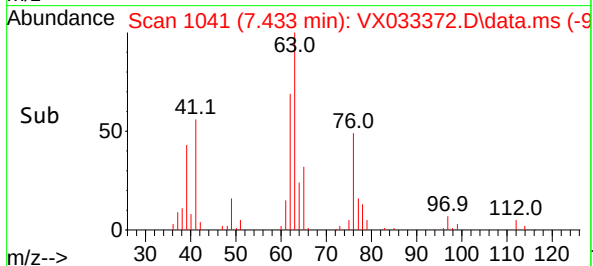
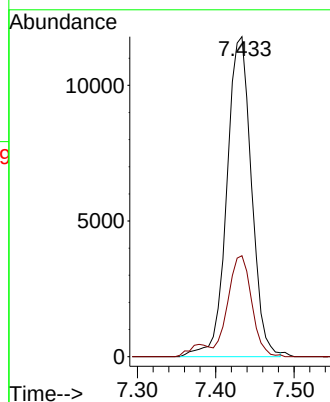
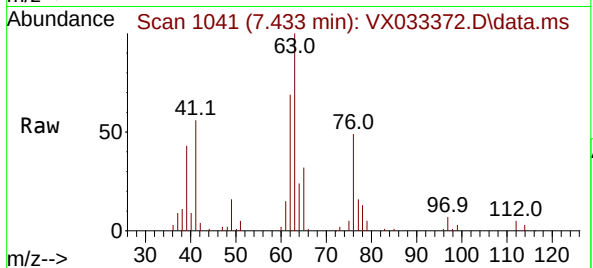
65 31.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#40

Dibromomethane

Concen: 19.700 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX033372.D

Acq: 12 Dec 2022 14:18

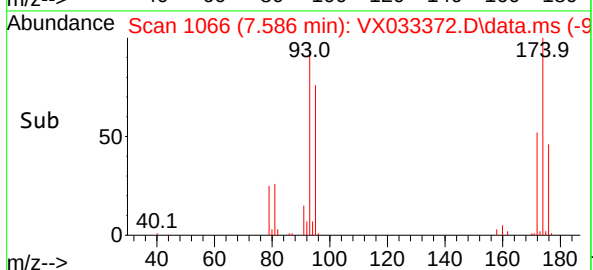
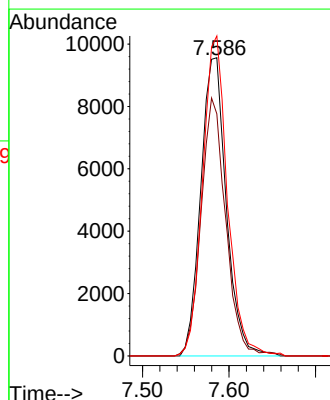
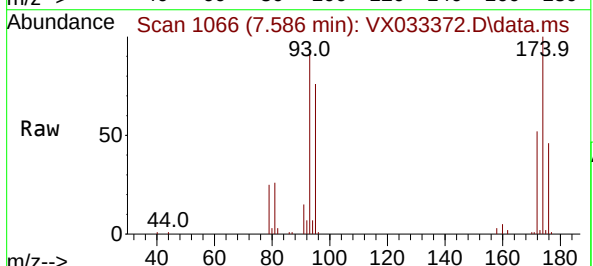
Tgt Ion: 93 Resp: 19650

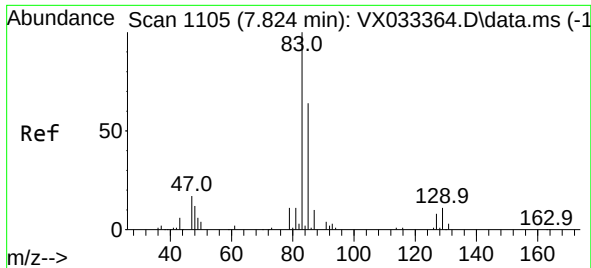
Ion Ratio Lower Upper

93 100

95 82.6 0.0 170.2

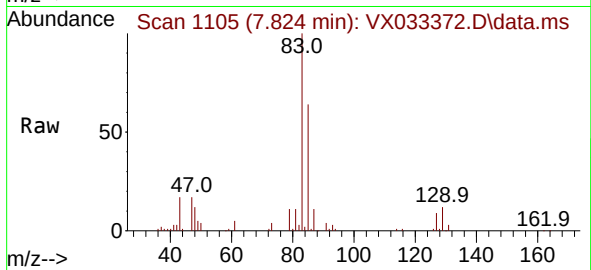
174 104.2 0.0 206.8





#41
Bromodichloromethane
Concen: 19.106 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

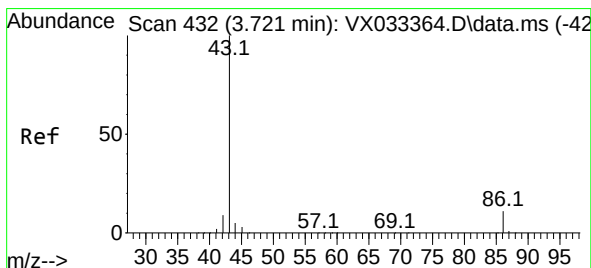
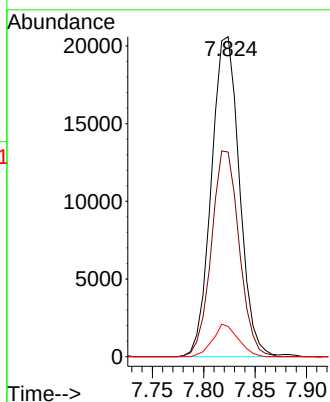
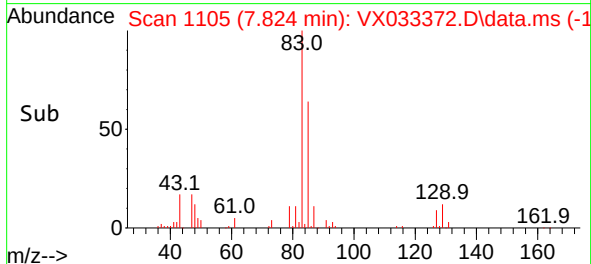
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



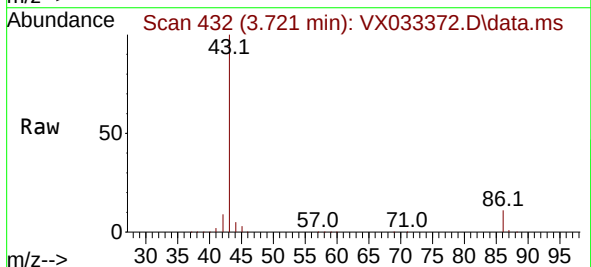
Tgt Ion: 83 Resp: 3905
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3
127 9.4 6.8 10.2

Manual Integrations
APPROVED

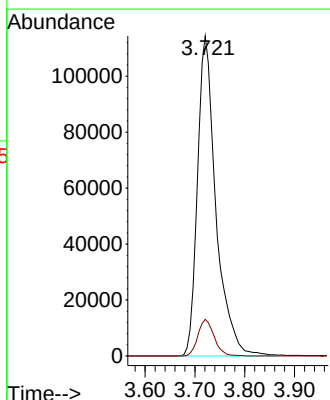
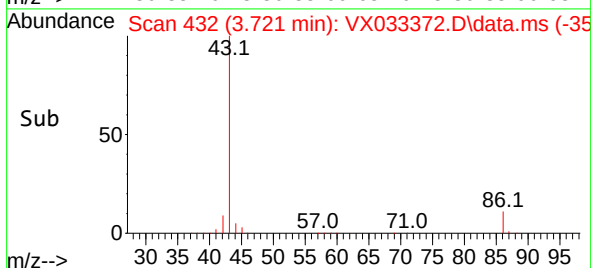
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

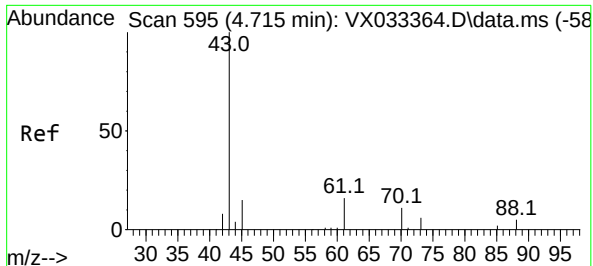


#42
Vinyl Acetate
Concen: 99.751 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18



Tgt Ion: 43 Resp: 294521
Ion Ratio Lower Upper
43 100
86 10.0 7.8 11.8





#43

Ethyl Acetate

Concen: 19.979 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX033372.D

Acq: 12 Dec 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tgt Ion: 43 Resp: 30630

Ion Ratio Lower Upper

43 100

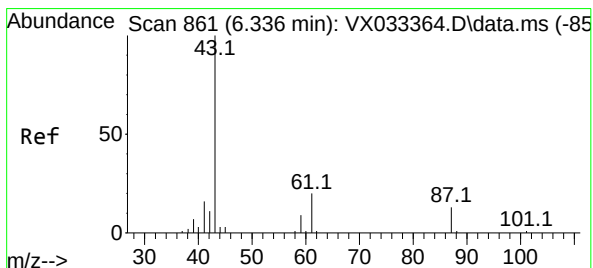
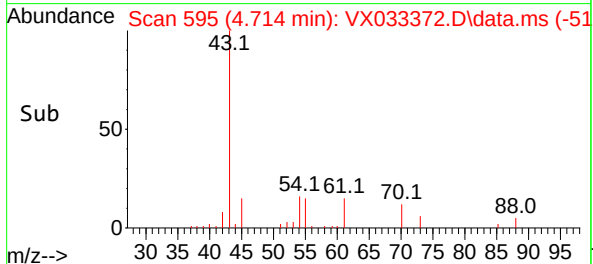
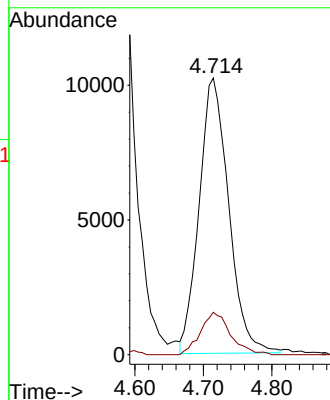
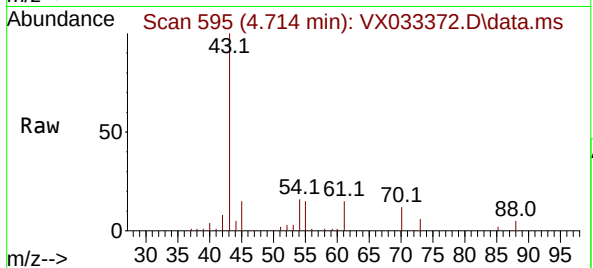
45 15.4 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#44

Isopropyl Acetate

Concen: 19.604 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX033372.D

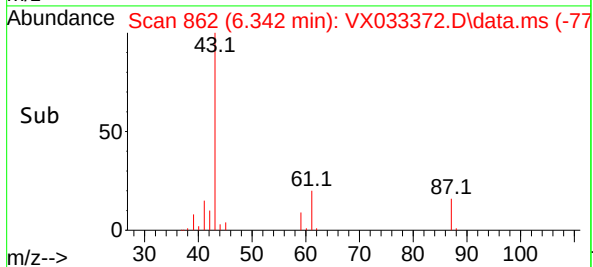
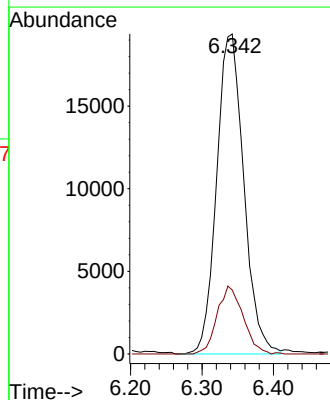
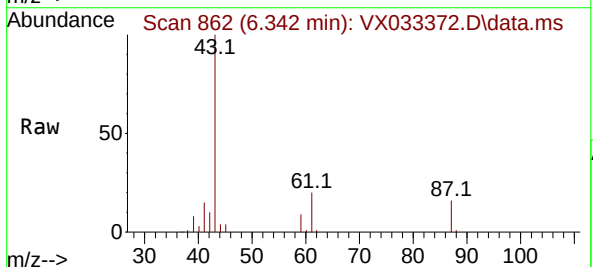
Acq: 12 Dec 2022 14:18

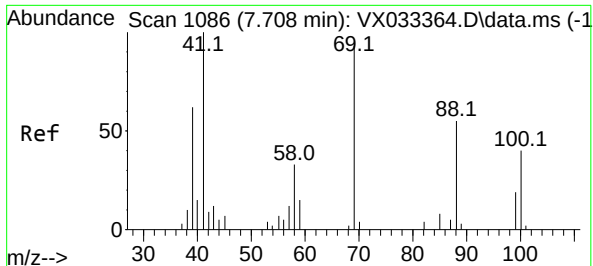
Tgt Ion: 43 Resp: 51029

Ion Ratio Lower Upper

43 100

61 20.2 15.7 23.5





#45

1,4-Dioxane

Concen: 408.842 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. -0.000 min

Lab File: VX033372.D

Acq: 12 Dec 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tgt Ion: 88 Resp: 1246

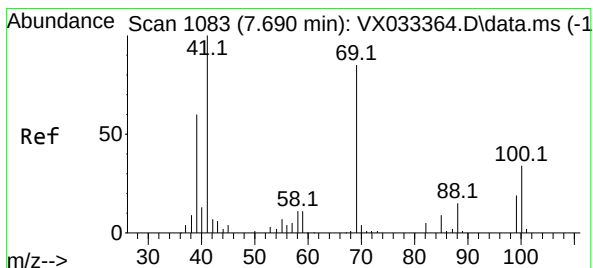
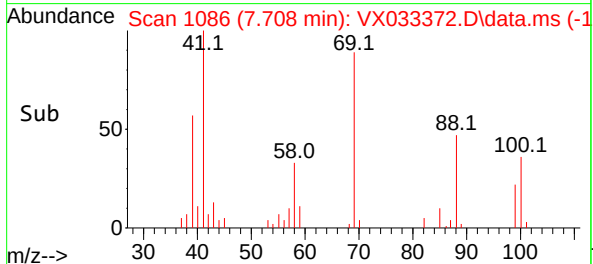
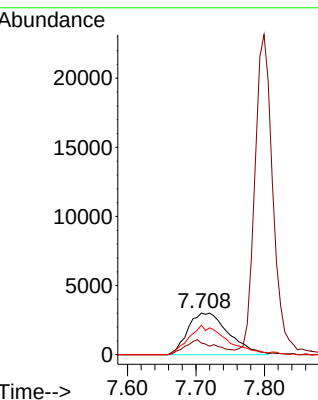
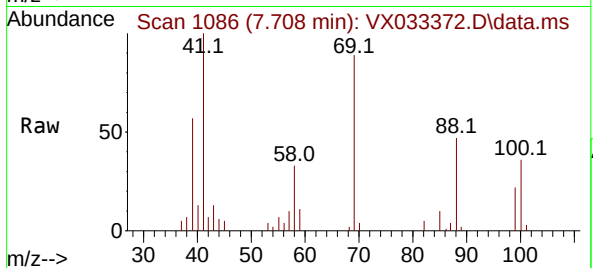
Ion	Ratio	Lower	Upper
88	100		
43	18.4	12.4	18.6
58	30.5	51.1	76.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#46

Methyl methacrylate

Concen: 20.231 ug/l

RT: 7.690 min Scan# 1083

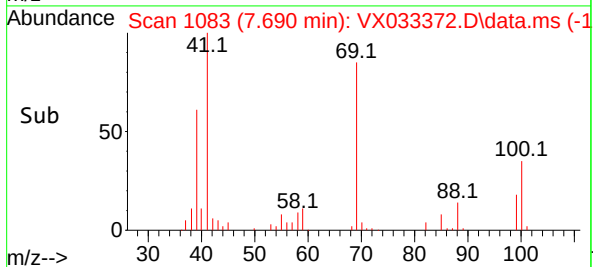
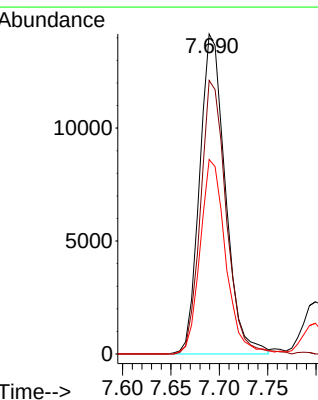
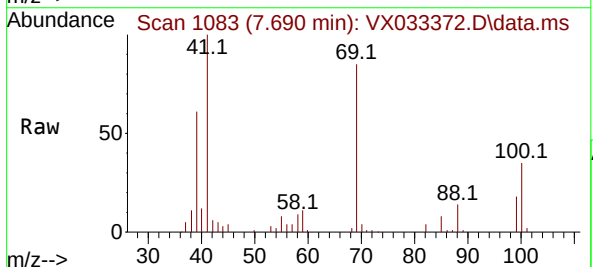
Delta R.T. -0.000 min

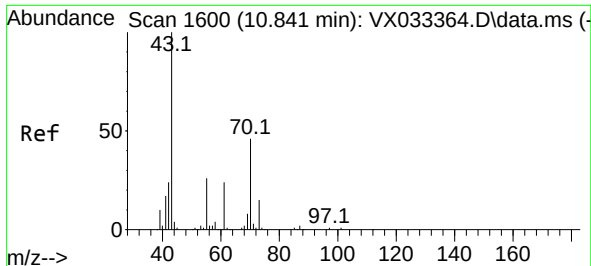
Lab File: VX033372.D

Acq: 12 Dec 2022 14:18

Tgt Ion: 41 Resp: 26232

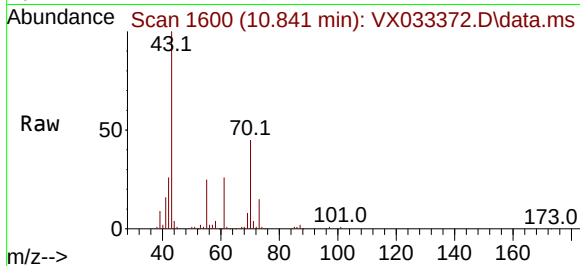
Ion	Ratio	Lower	Upper
41	100		
69	85.5	42.3	126.9
39	60.7	30.1	90.5





#47
n-amyl acetate
Concen: 19.582 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

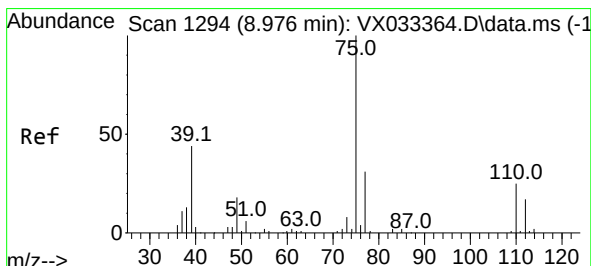
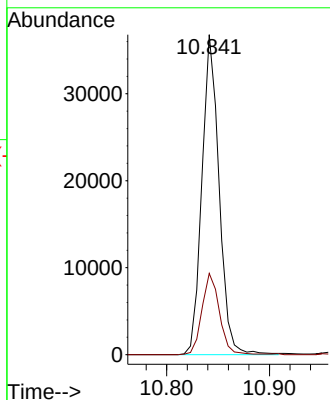
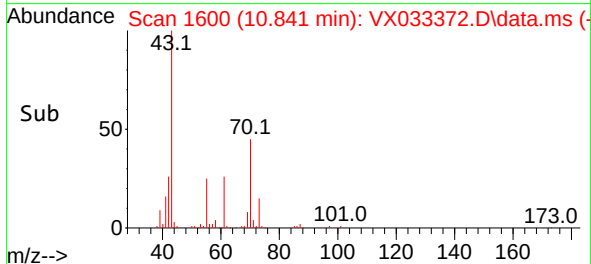
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion: 43 Resp: 42770
Ion Ratio Lower Upper
43 100
55 25.8 20.6 30.8

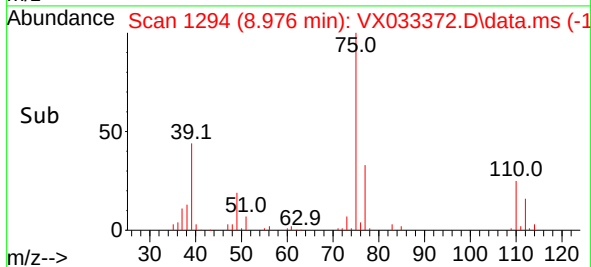
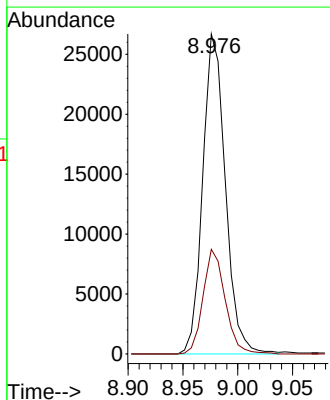
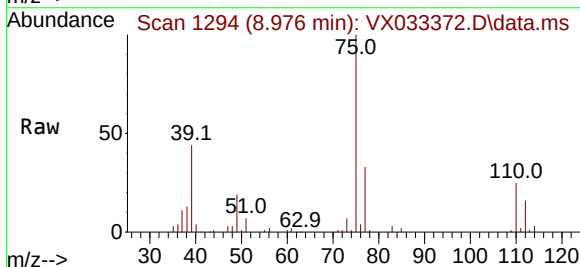
Manual Integrations
APPROVED

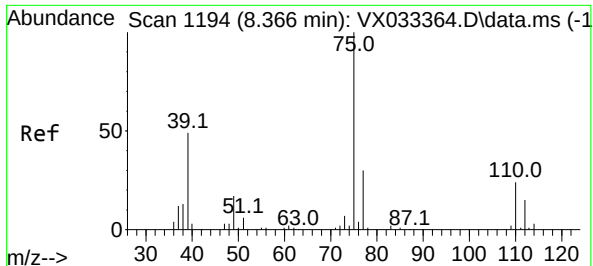
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#48
t-1,3-Dichloropropene
Concen: 18.713 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

Tgt Ion: 75 Resp: 38367
Ion Ratio Lower Upper
75 100
77 32.7 25.0 37.4





#49

cis-1,3-Dichloropropene

Concen: 19.184 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033372.D

Acq: 12 Dec 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tgt Ion: 75 Resp: 42210

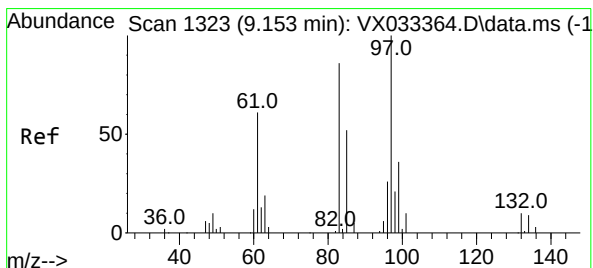
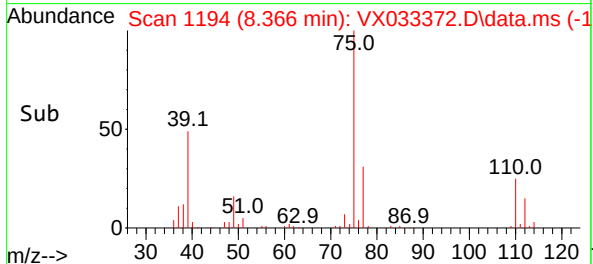
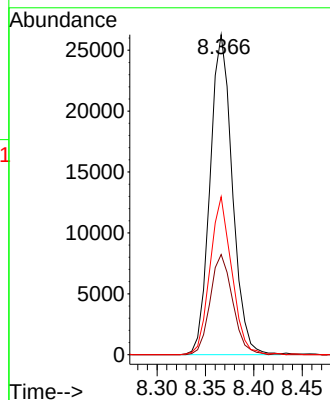
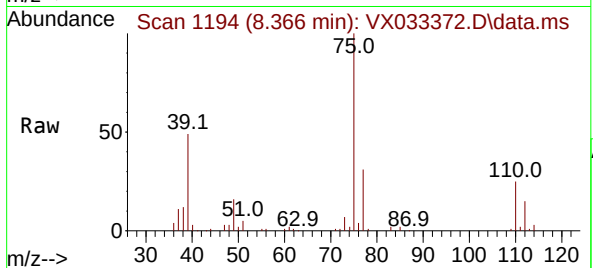
Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.2	36.4
39	49.4	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#50

1,1,2-Trichloroethane

Concen: 20.311 ug/l

RT: 9.153 min Scan# 1323

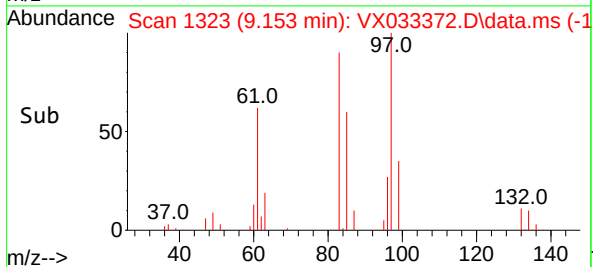
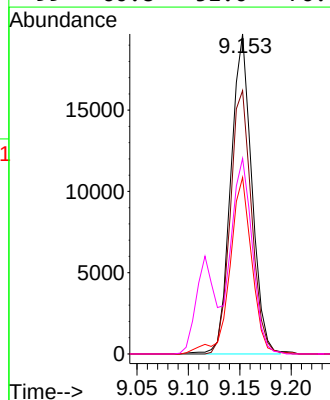
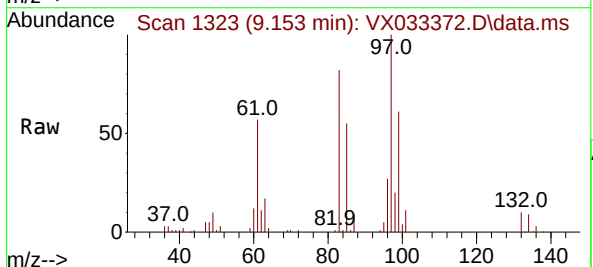
Delta R.T. -0.000 min

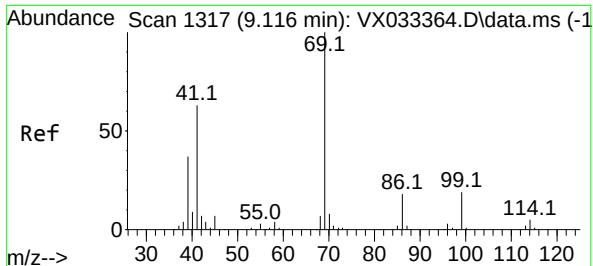
Lab File: VX033372.D

Acq: 12 Dec 2022 14:18

Tgt Ion: 97 Resp: 28016

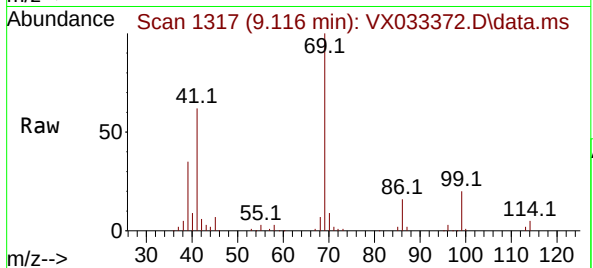
Ion	Ratio	Lower	Upper
97	100		
83	82.3	68.1	102.1
85	55.2	43.8	65.6
99	60.8	51.0	76.6





#51
Ethyl methacrylate
Concen: 19.802 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

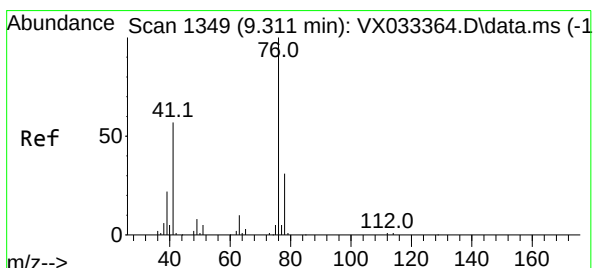
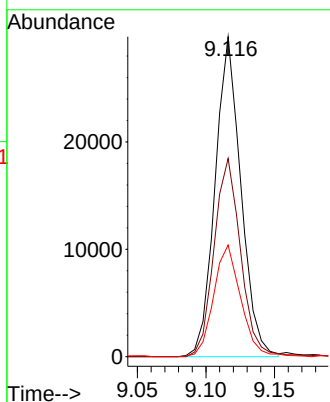
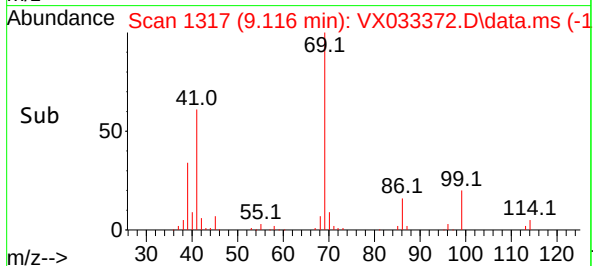
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion: 69 Resp: 39028
Ion Ratio Lower Upper
69 100
41 62.0 31.4 94.2
39 34.9 18.4 55.2

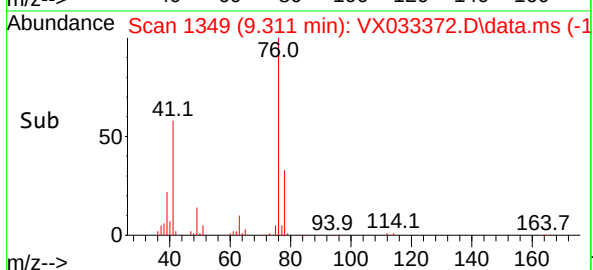
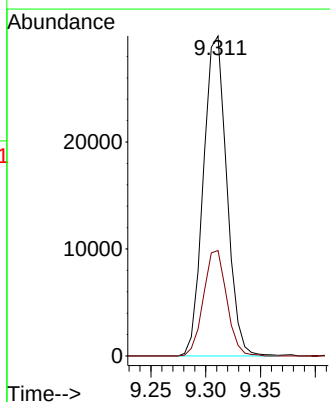
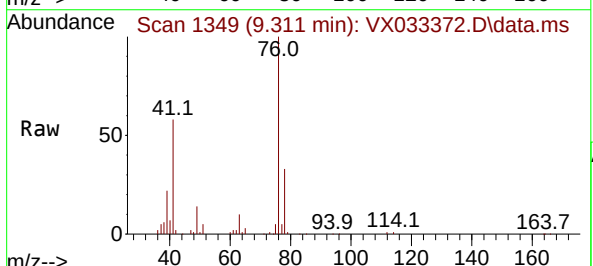
Manual Integrations
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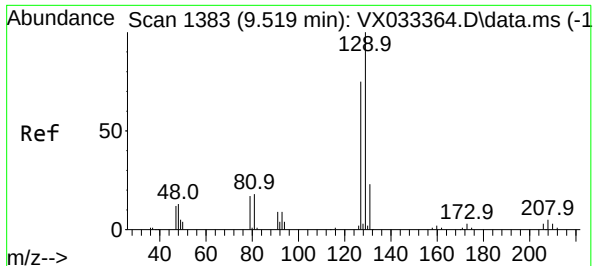
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#52
1,3-Dichloropropane
Concen: 19.706 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

Tgt Ion: 76 Resp: 44387
Ion Ratio Lower Upper
76 100
78 32.8 0.0 63.4





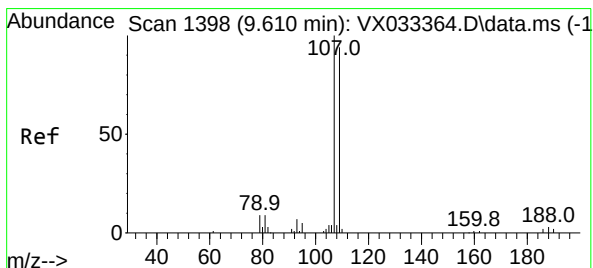
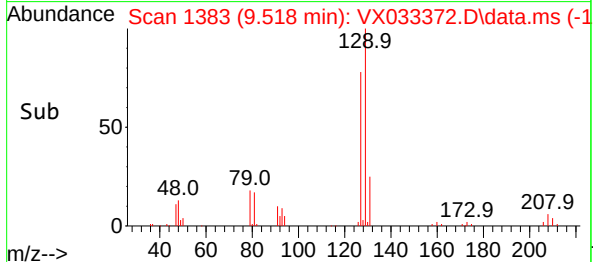
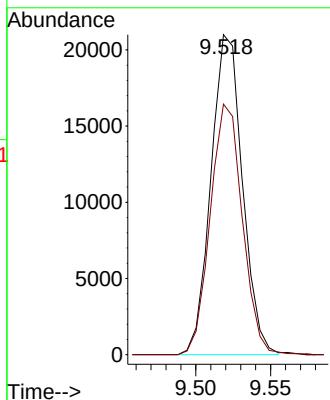
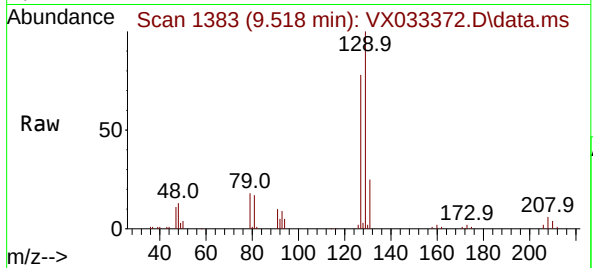
#53
Dibromochloromethane
Concen: 18.541 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion:129 Resp: 30735
Ion Ratio Lower Upper
129 100
127 79.8 38.1 114.3

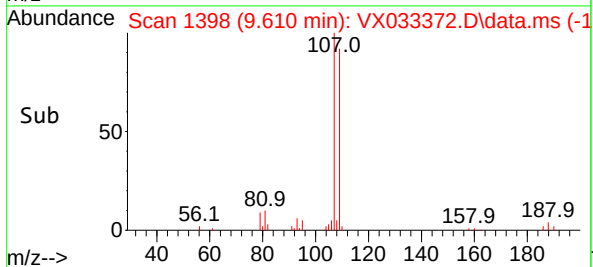
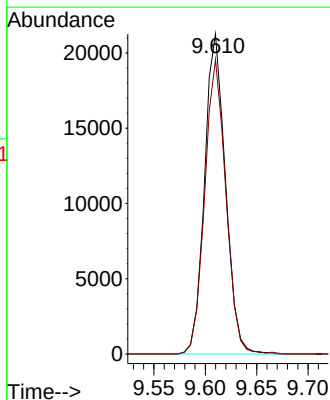
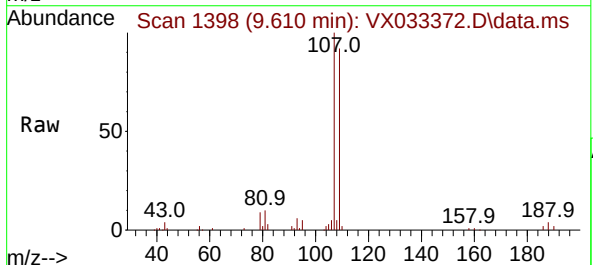
Manual Integrations
APPROVED

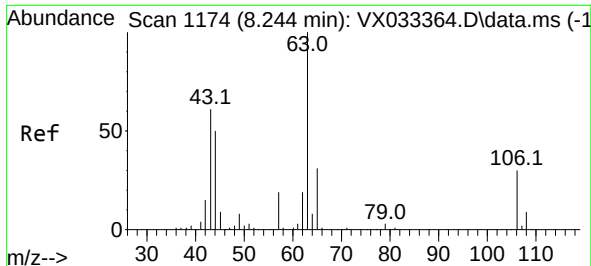
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#54
1,2-Dibromoethane
Concen: 19.893 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

Tgt Ion:107 Resp: 30036
Ion Ratio Lower Upper
107 100
109 92.9 74.2 111.2





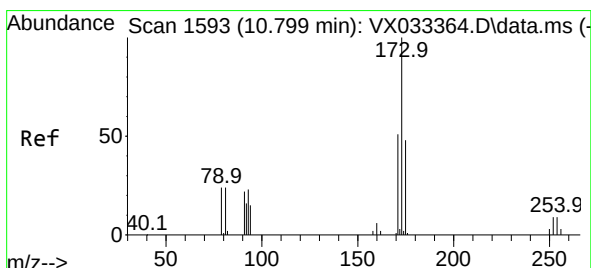
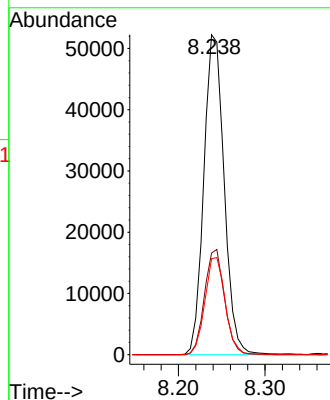
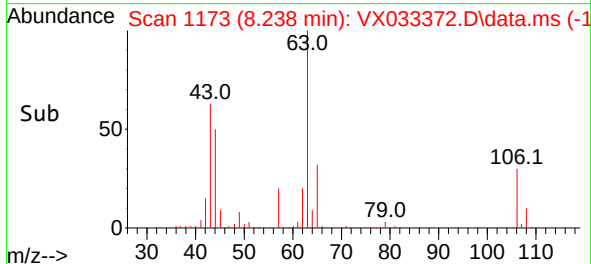
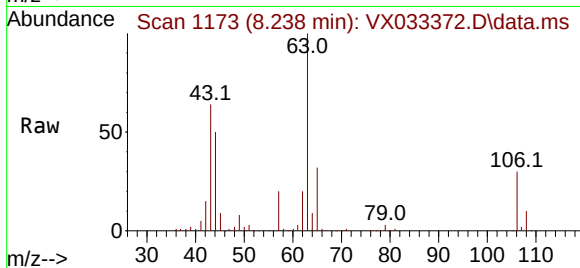
#55
2-Chloroethyl vinyl ether
Concen: 92.134 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion: 63 Resp: 8525
Ion Ratio Lower Upper
63 100
65 32.3 25.8 38.8
106 30.4 24.2 36.4

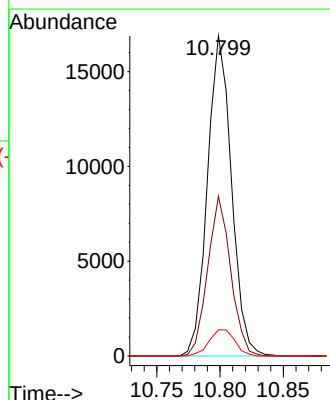
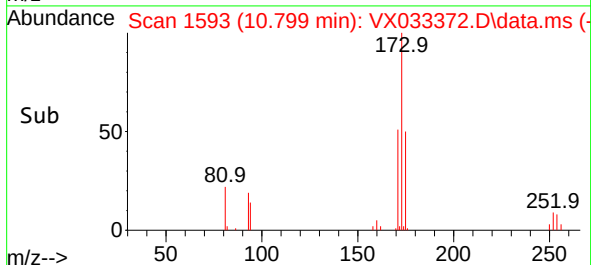
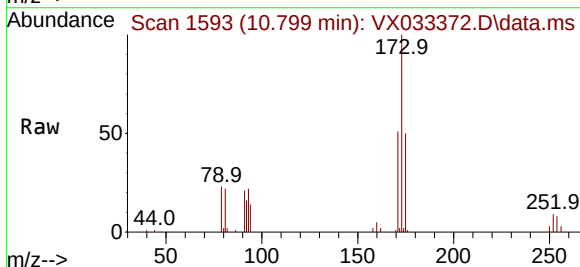
Manual Integrations
APPROVED

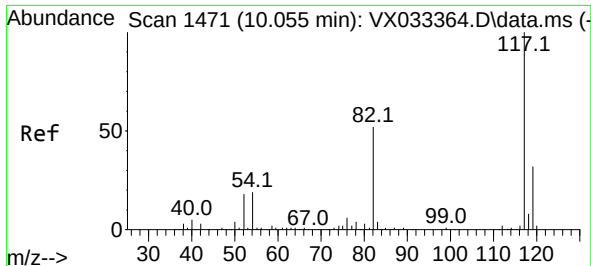
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#56
Bromoform
Concen: 18.645 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

Tgt Ion:173 Resp: 22310
Ion Ratio Lower Upper
173 100
175 47.7 39.6 59.4
254 8.8 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: VX033372.D

Acq: 12 Dec 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tgt Ion:117 Resp: 99498

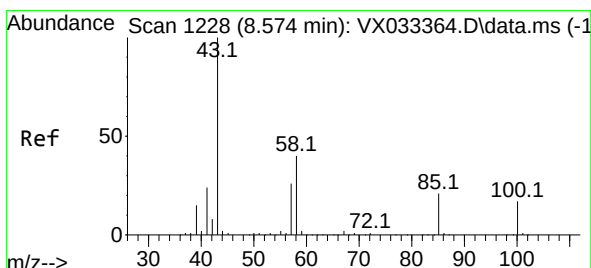
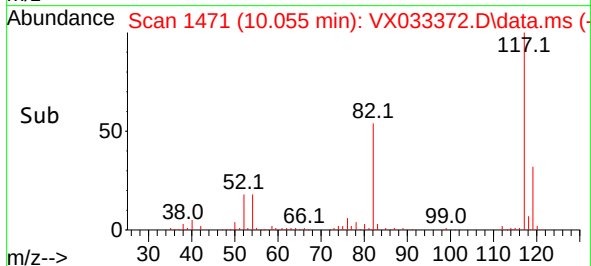
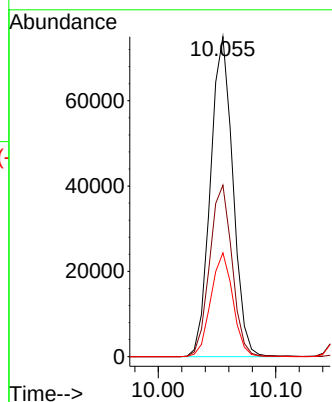
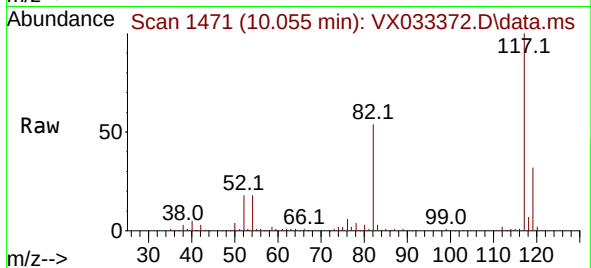
Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.7	65.5
119	32.0	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#58

4-Methyl-2-Pentanone

Concen: 101.325 ug/l

RT: 8.574 min Scan# 1228

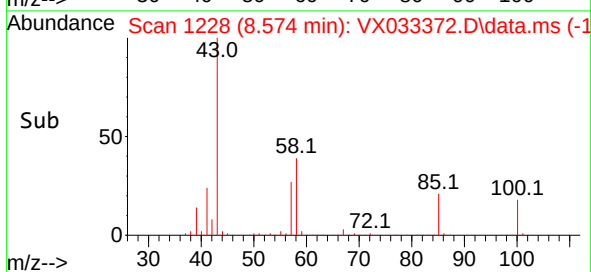
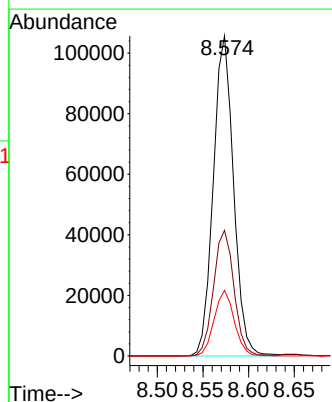
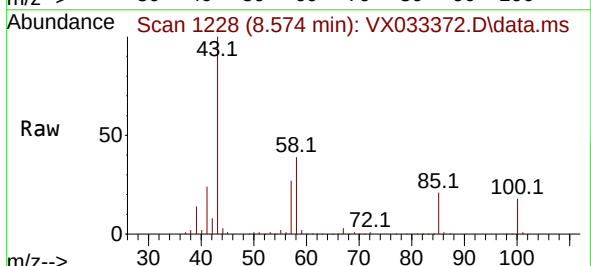
Delta R.T. -0.000 min

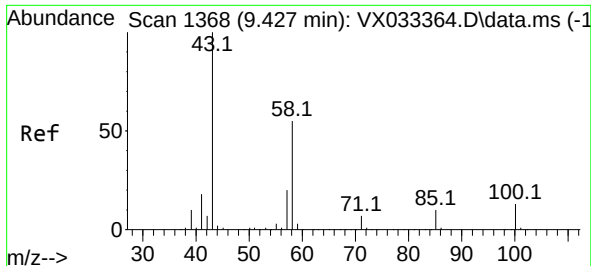
Lab File: VX033372.D

Acq: 12 Dec 2022 14:18

Tgt Ion: 43 Resp: 163029

Ion	Ratio	Lower	Upper
43	100		
58	39.7	32.3	48.5
85	20.4	16.6	24.8





#59

2-Hexanone

Concen: 98.814 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX033372.D

Acq: 12 Dec 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tgt Ion: 43 Resp: 121570

Ion Ratio Lower Upper

43 100

58 55.5 44.4 66.6

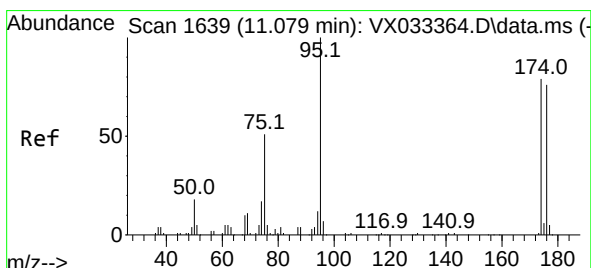
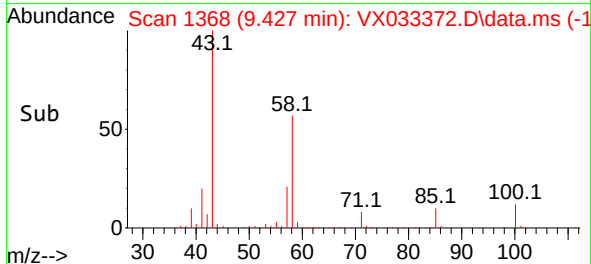
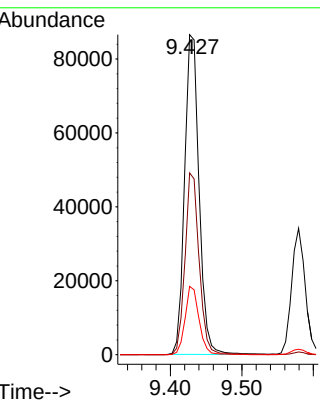
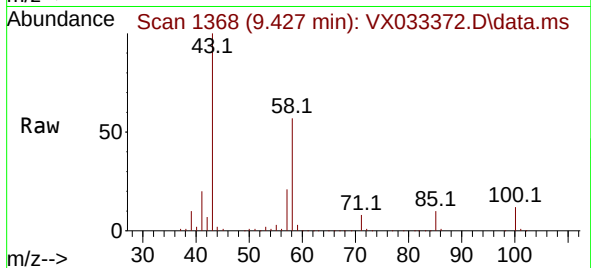
57 20.6 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#60

4-Bromofluorobenzene

Concen: 30.008 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033372.D

Acq: 12 Dec 2022 14:18

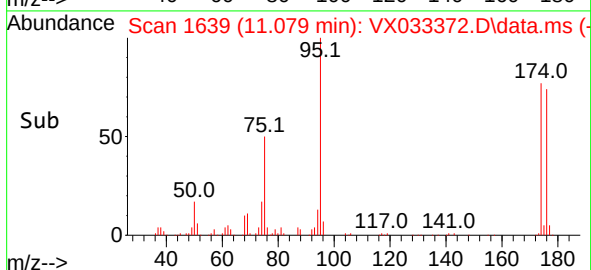
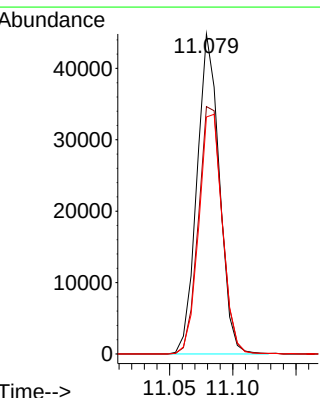
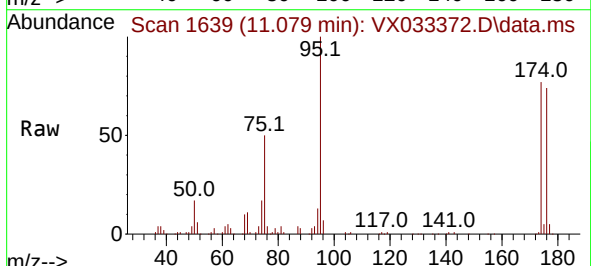
Tgt Ion: 95 Resp: 55299

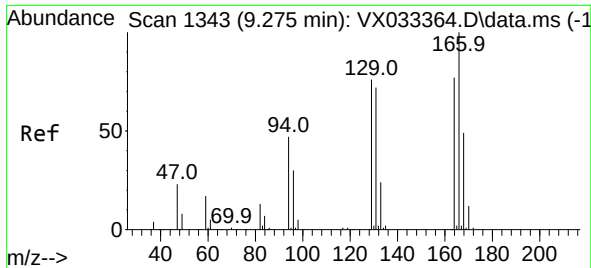
Ion Ratio Lower Upper

95 100

174 81.4 65.9 98.9

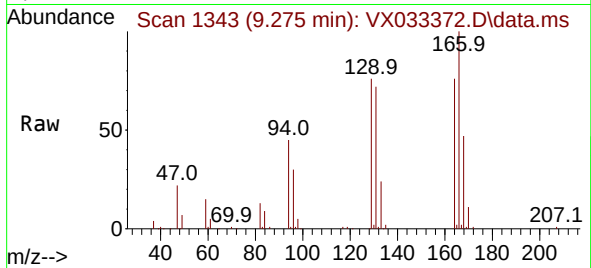
176 78.7 63.3 94.9





#61
Tetrachloroethene
Concen: 19.550 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

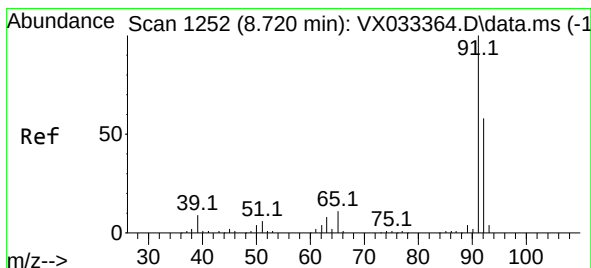
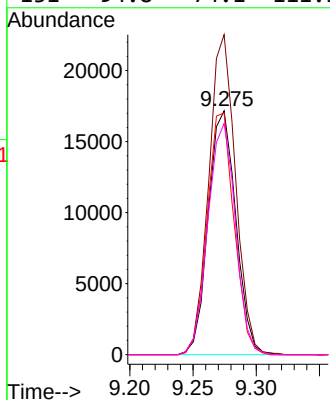
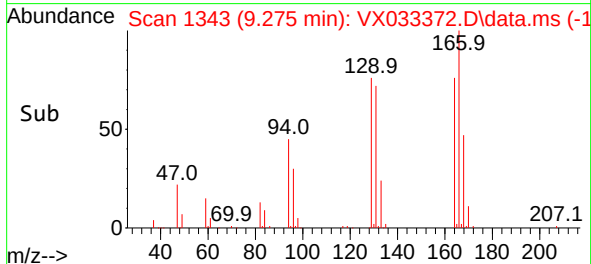
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion:164 Resp: 26048
Ion Ratio Lower Upper
164 100
166 131.2 103.3 154.9
129 99.2 78.3 117.5
131 94.8 74.1 111.1

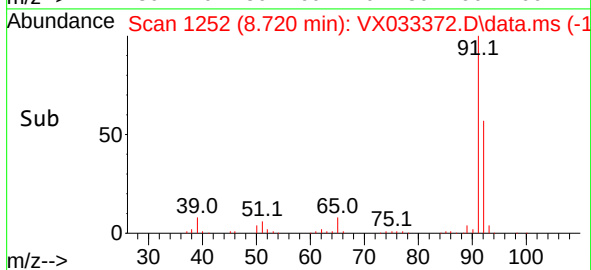
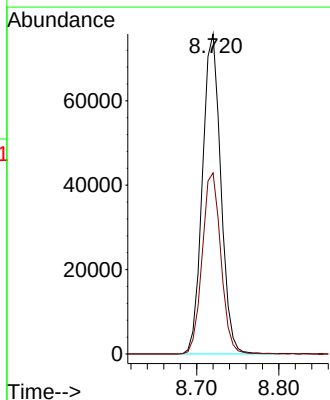
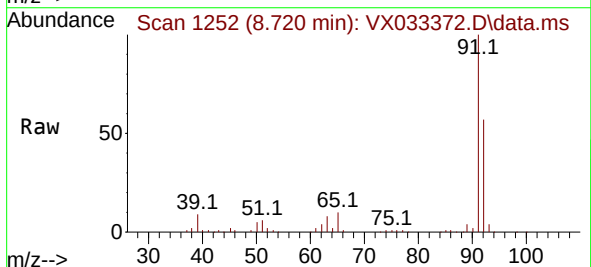
Manual Integrations
APPROVED

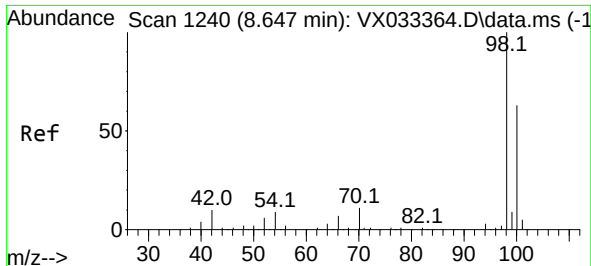
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#62
Toluene
Concen: 19.487 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

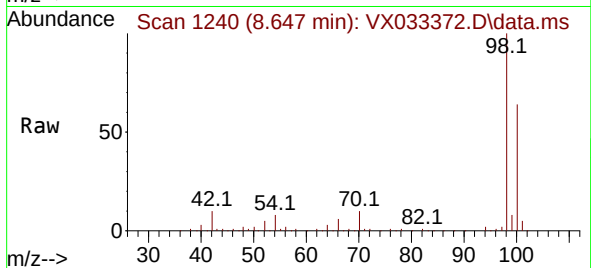
Tgt Ion: 91 Resp: 117691
Ion Ratio Lower Upper
91 100
92 57.2 46.2 69.2





#63
Toluene-d8
Concen: 29.651 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

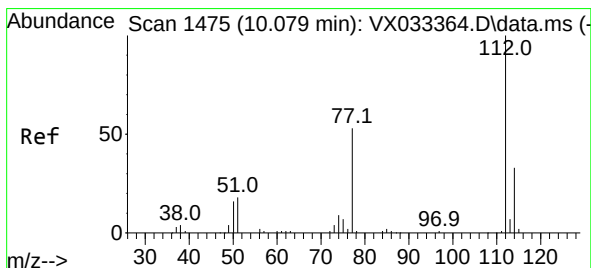
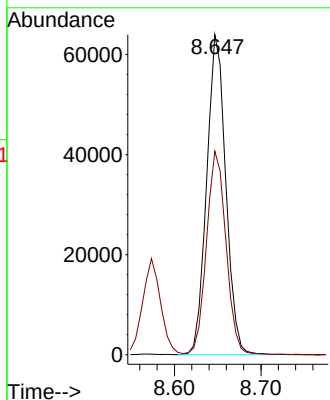
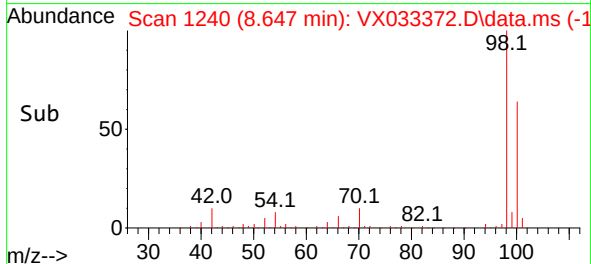
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



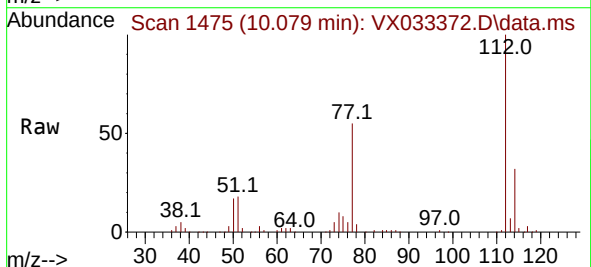
Tgt Ion: 98 Resp: 98140
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.2

Manual Integrations
APPROVED

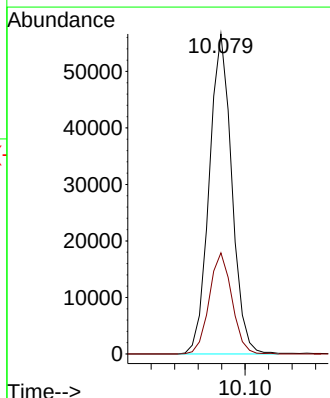
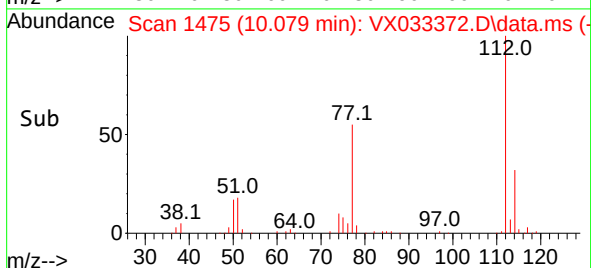
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

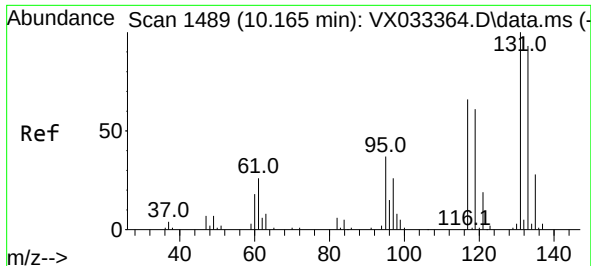


#64
Chlorobenzene
Concen: 19.743 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18



Tgt Ion:112 Resp: 75429
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.2





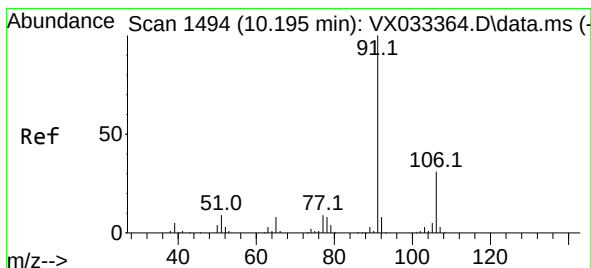
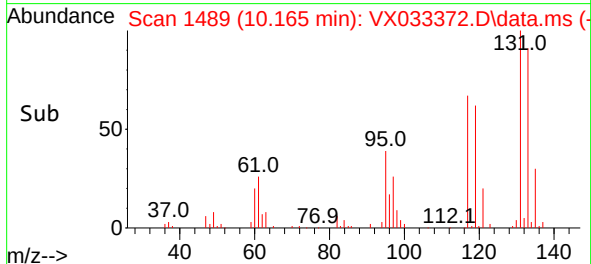
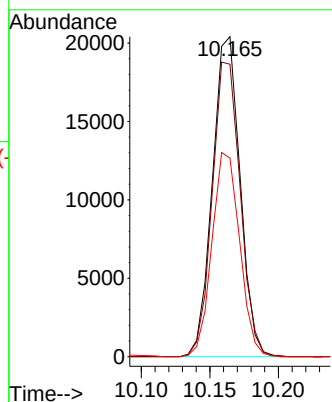
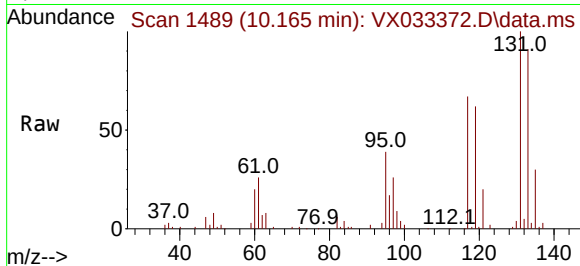
#65
1,1,1,2-Tetrachloroethane
Concen: 18.997 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion:131 Resp: 28662
Ion Ratio Lower Upper
131 100
133 93.5 0.0 187.6
119 63.9 0.0 124.2

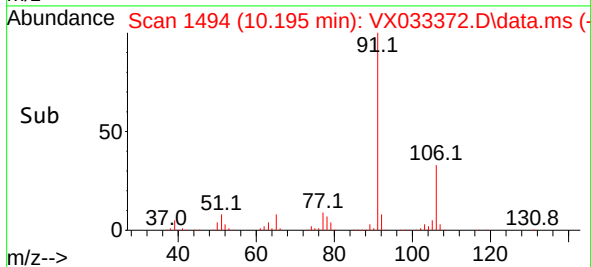
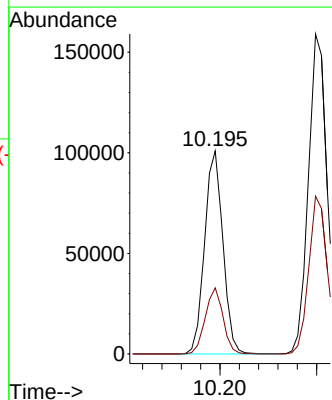
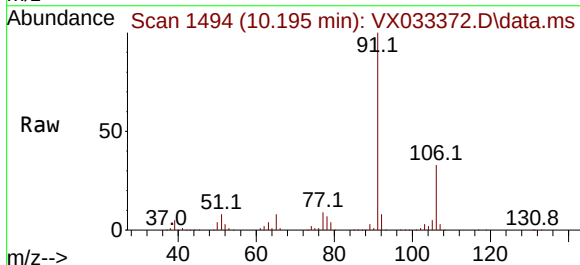
Manual Integrations
APPROVED

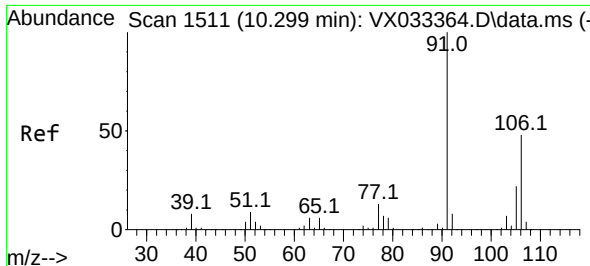
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#66
Ethyl Benzene
Concen: 19.573 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

Tgt Ion: 91 Resp: 133196
Ion Ratio Lower Upper
91 100
106 32.5 24.8 37.2





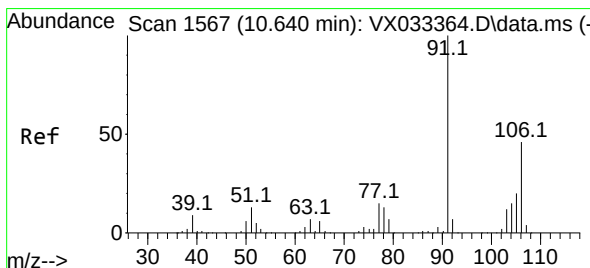
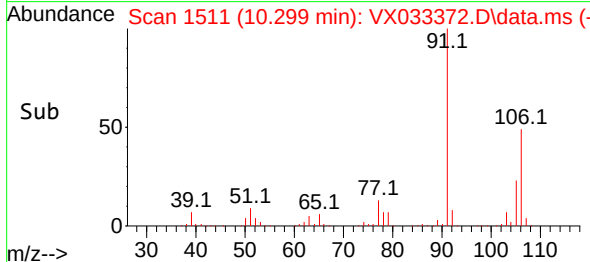
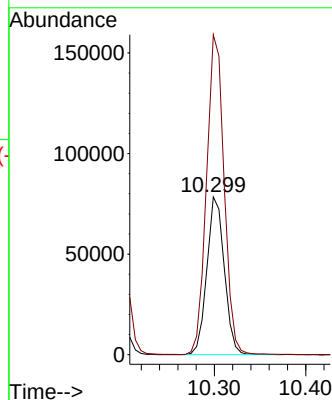
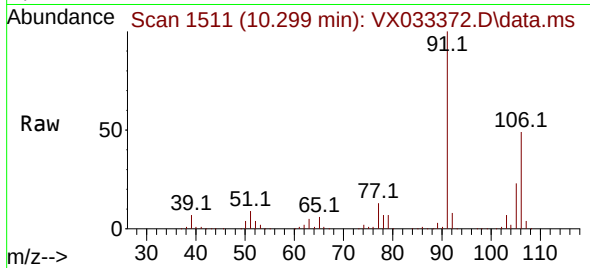
#67
m/p-Xylenes
Concen: 39.045 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion:106 Resp: 103862
Ion Ratio Lower Upper
106 100
91 203.8 165.4 248.2

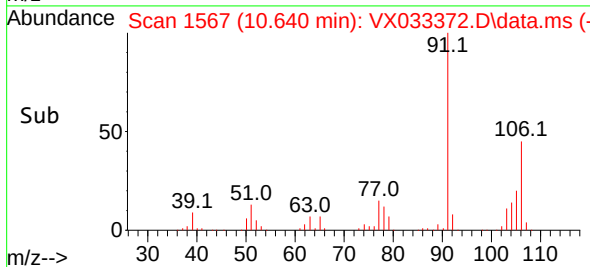
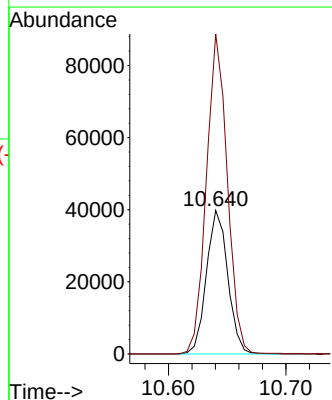
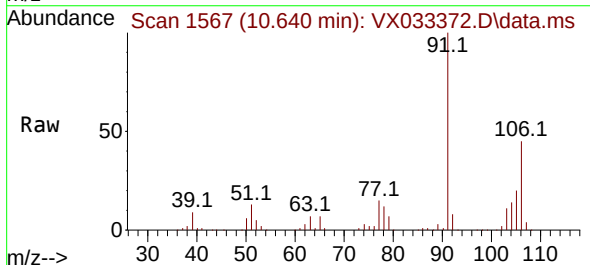
Manual Integrations
APPROVED

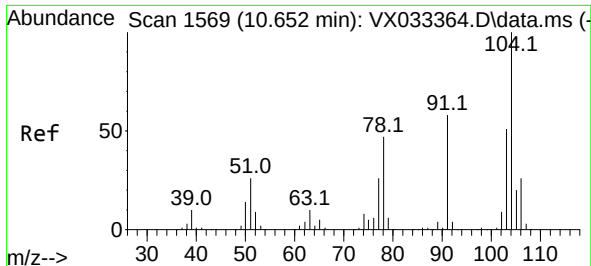
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#68
o-Xylene
Concen: 19.398 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

Tgt Ion:106 Resp: 50277
Ion Ratio Lower Upper
106 100
91 218.1 108.0 324.0





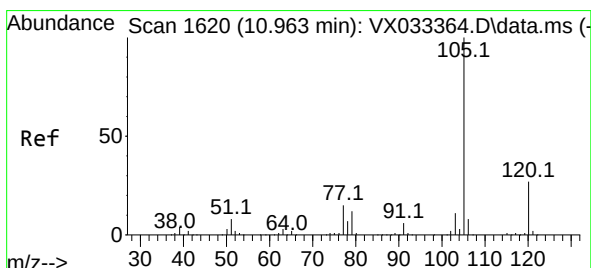
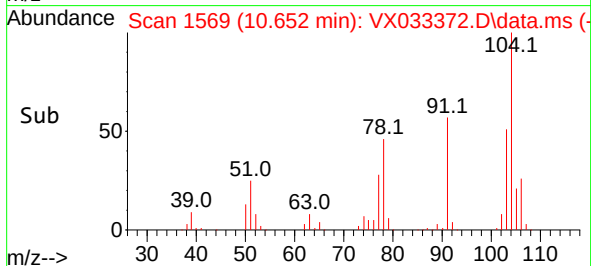
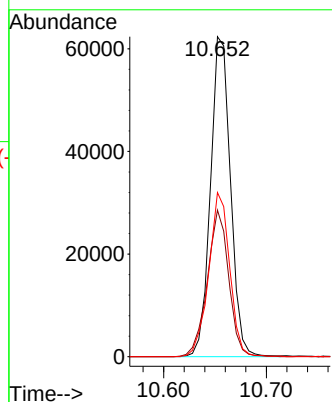
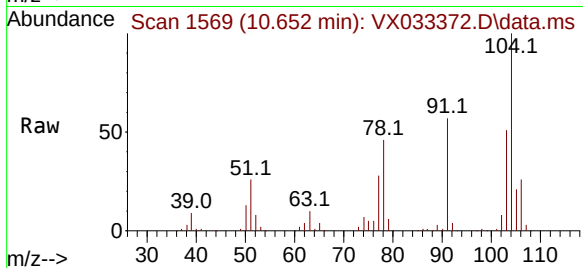
#69
Styrene
Concen: 19.591 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion:104 Resp: 8435
Ion Ratio Lower Upper
104 100
78 49.0 40.0 60.0
103 53.6 43.9 65.9

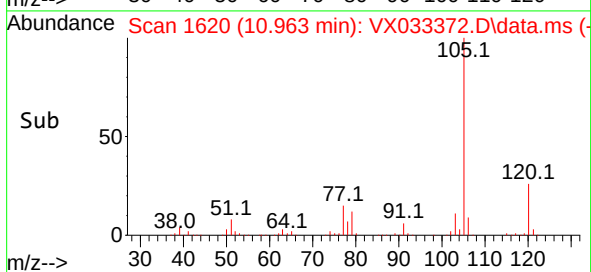
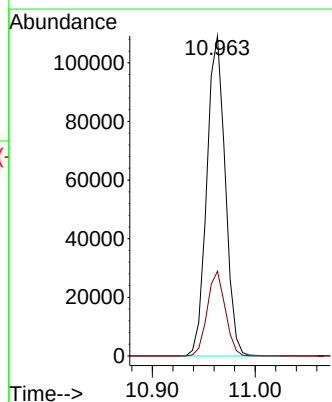
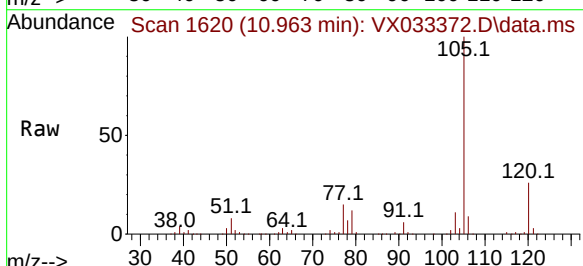
Manual Integrations
APPROVED

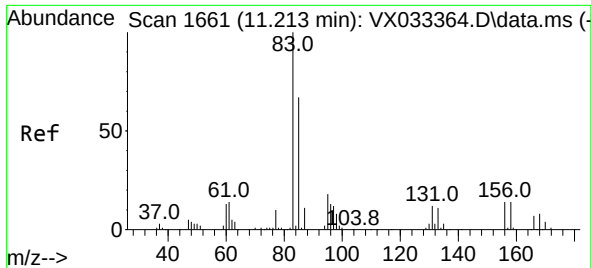
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#70
Isopropylbenzene
Concen: 19.732 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

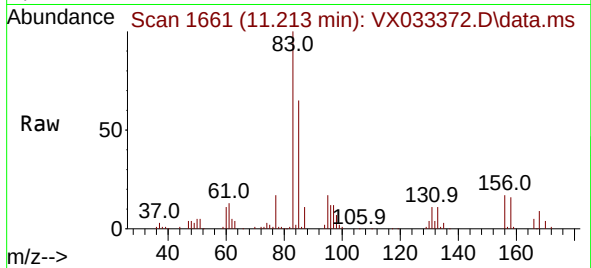
Tgt Ion:105 Resp: 135710
Ion Ratio Lower Upper
105 100
120 25.9 18.1 33.7





#71
1,1,2,2-Tetrachloroethane
Concen: 20.049 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

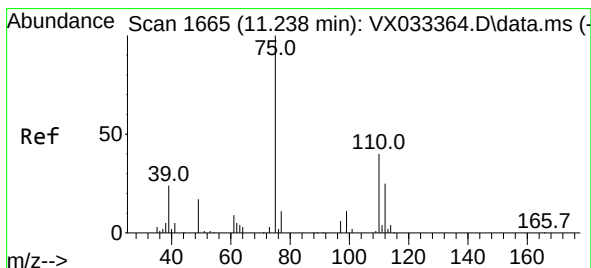
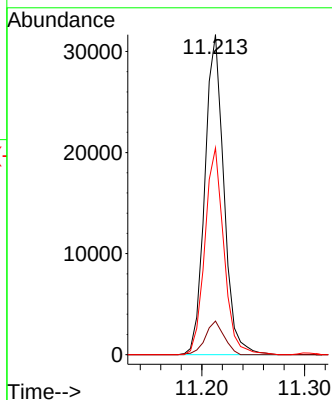
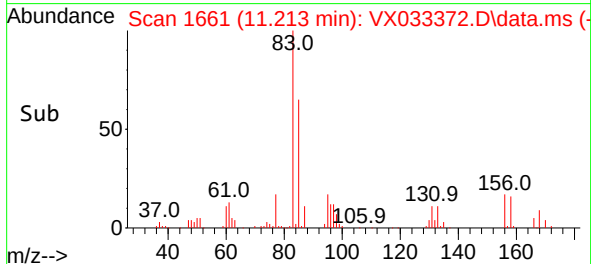
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



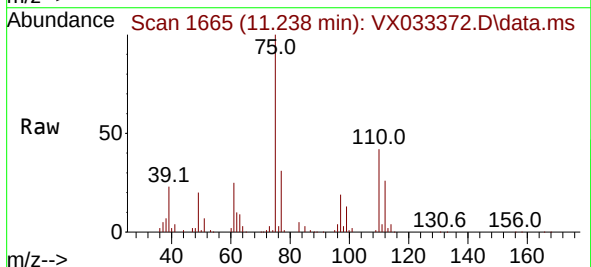
Tgt Ion: 83 Resp: 4078
Ion Ratio Lower Upper
83 100
131 10.4 5.4 16.2
85 64.8 32.6 97.7

Manual Integrations
APPROVED

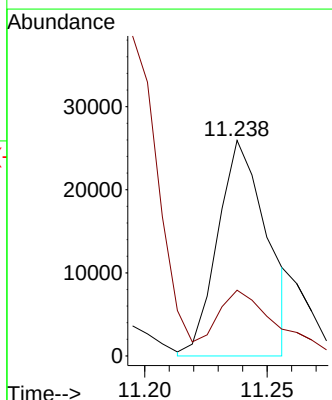
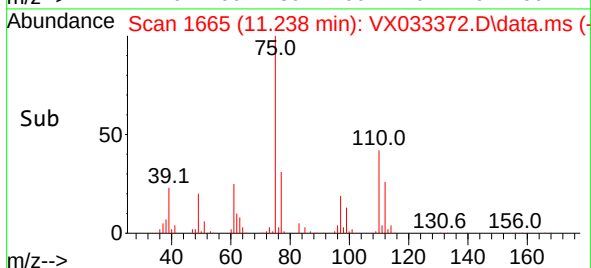
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

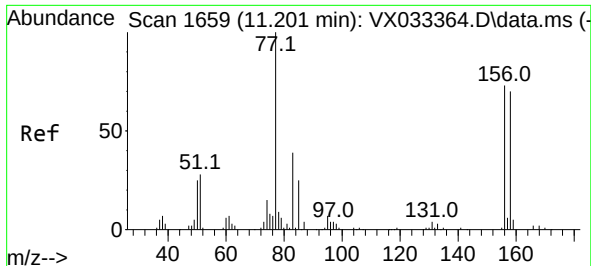


#72
1,2,3-Trichloropropane
Concen: 19.988 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18



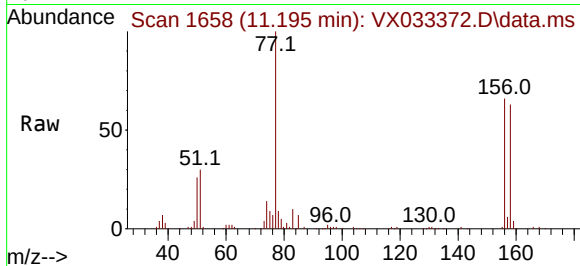
Tgt Ion: 75 Resp: 36205
Ion Ratio Lower Upper
75 100
77 37.3 0.0 74.4





#73
Bromobenzene
Concen: 19.862 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

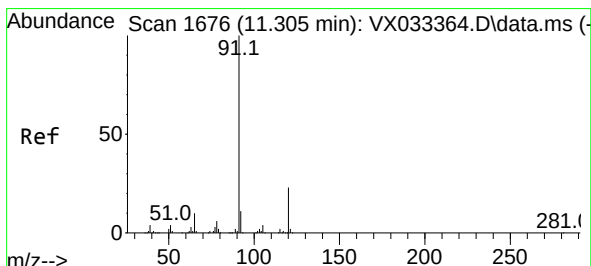
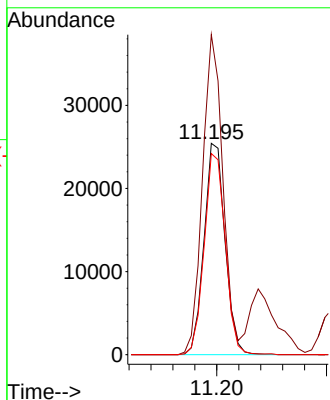
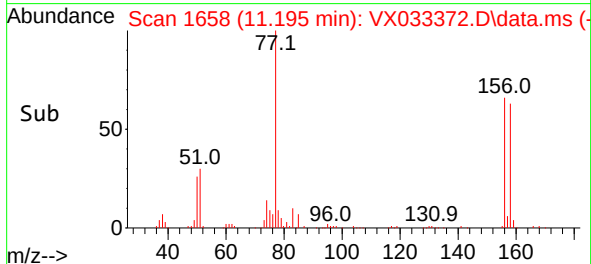
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



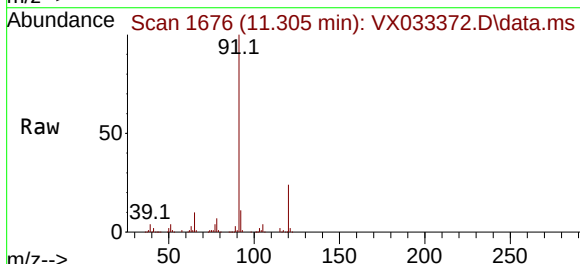
Tgt Ion:156 Resp: 33798
Ion Ratio Lower Upper
156 100
77 146.4 0.0 298.6
158 95.4 0.0 193.2

Manual Integrations
APPROVED

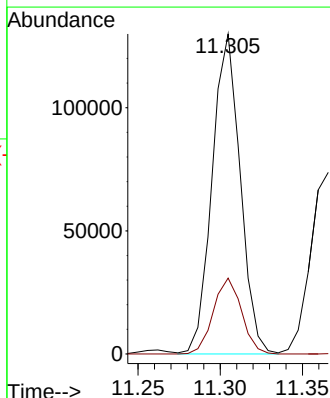
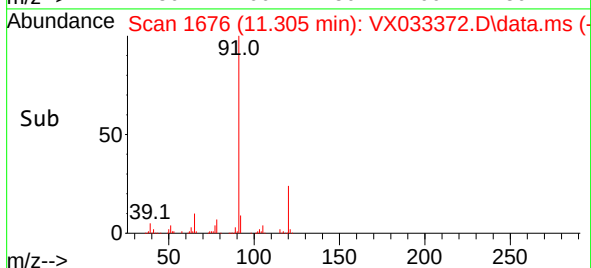
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

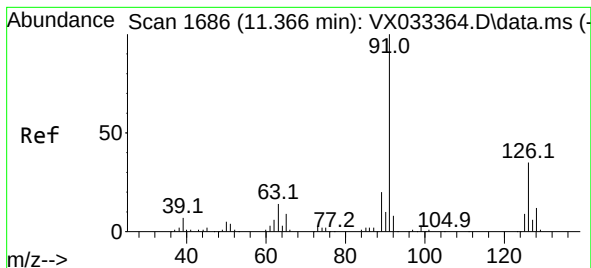


#74
n-propylbenzene
Concen: 19.595 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18



Tgt Ion: 91 Resp: 154433
Ion Ratio Lower Upper
91 100
120 23.8 0.0 46.4





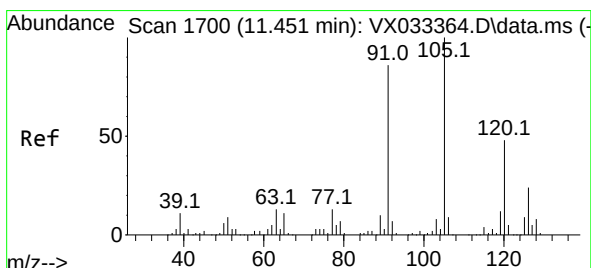
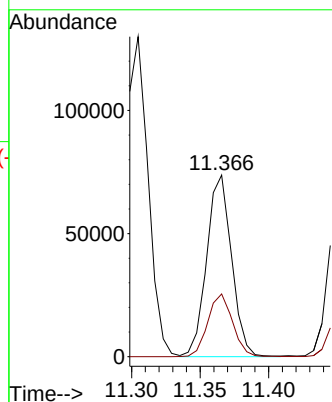
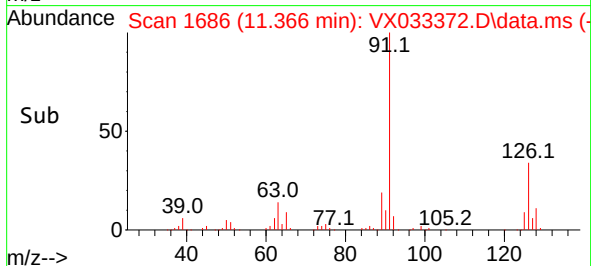
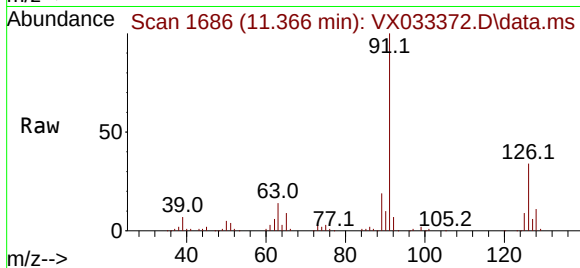
#75
2-Chlorotoluene
Concen: 19.720 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion: 91 Resp: 93420
Ion Ratio Lower Upper
91 100
126 34.1 0.0 68.6

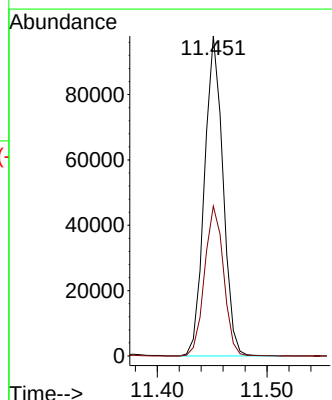
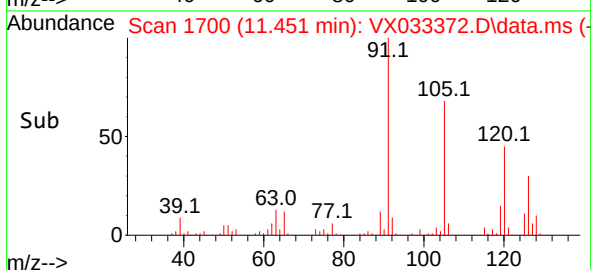
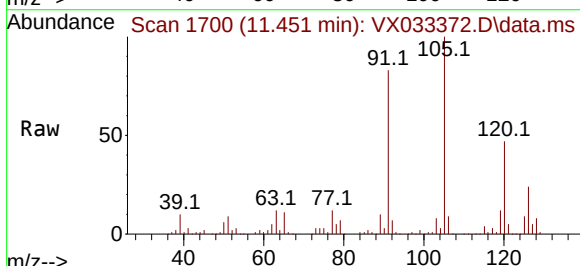
Manual Integrations
APPROVED

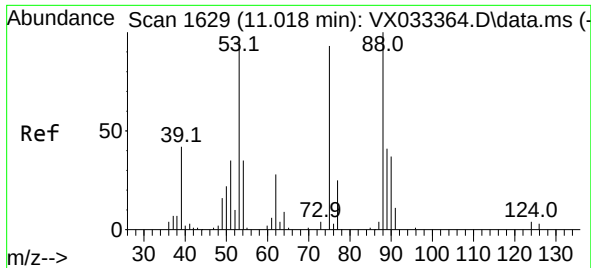
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.868 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

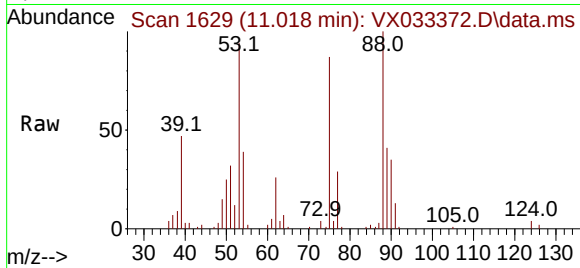
Tgt Ion:105 Resp: 114879
Ion Ratio Lower Upper
105 100
120 48.1 0.0 96.2





#77
t-1,4-Dichloro-2-butene
Concen: 18.060 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

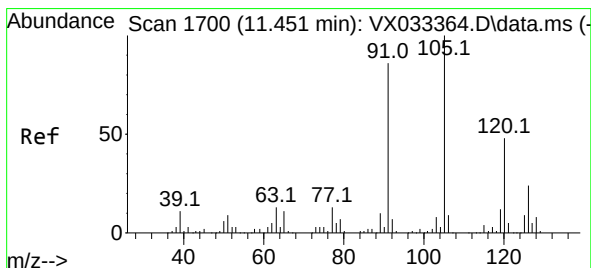
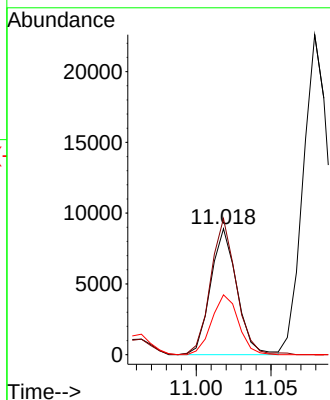
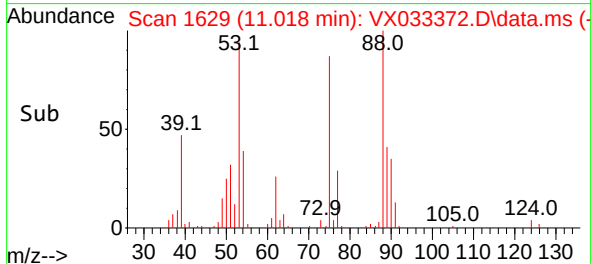
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion: 75 Resp: 1087
Ion Ratio Lower Upper
75 100
53 108.1 51.4 154.3
89 47.5 22.2 66.6

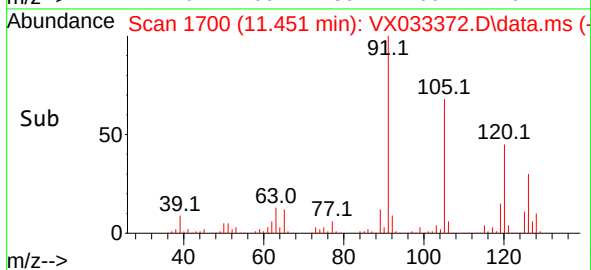
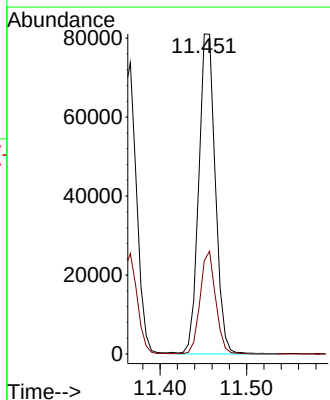
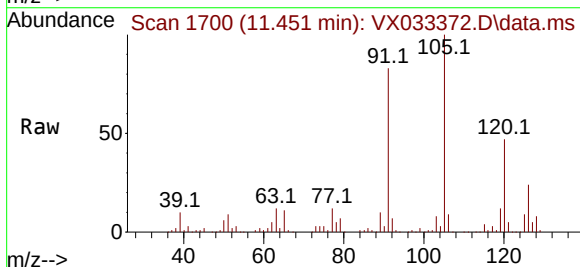
Manual Integrations
APPROVED

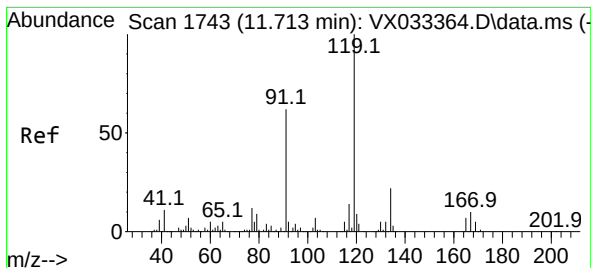
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#78
4-Chlorotoluene
Concen: 19.813 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

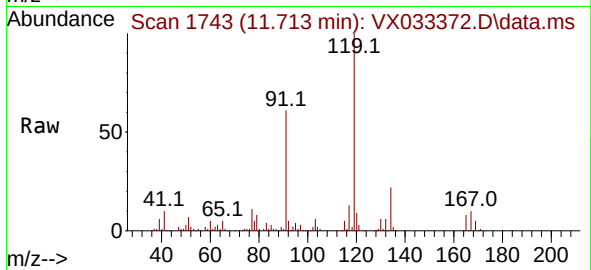
Tgt Ion: 91 Resp: 107564
Ion Ratio Lower Upper
91 100
126 30.1 0.0 59.4





#79
tert-butylbenzene
Concen: 19.782 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

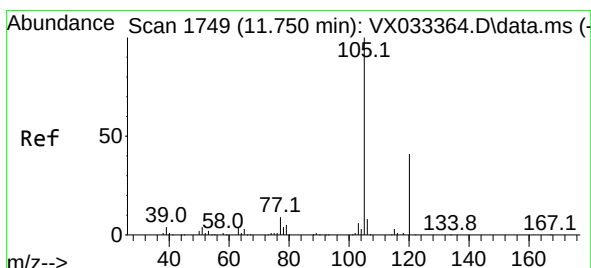
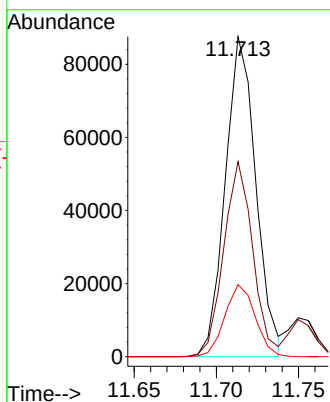
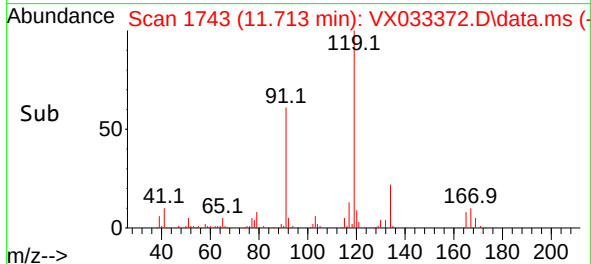
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



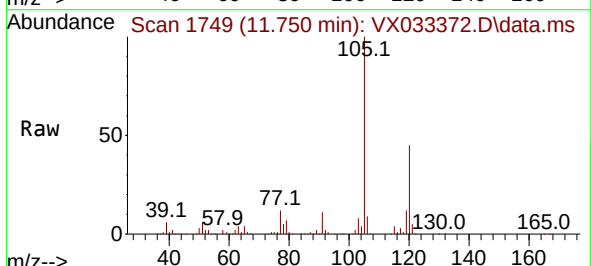
Tgt Ion:119 Resp: 113380
Ion Ratio Lower Upper
119 100
91 58.1 0.0 117.0
134 22.4 0.0 44.4

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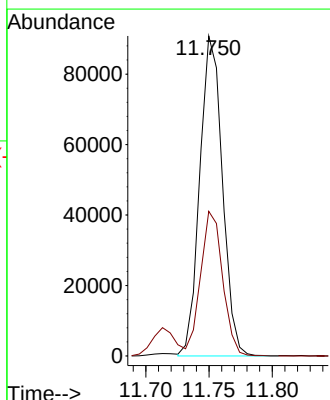
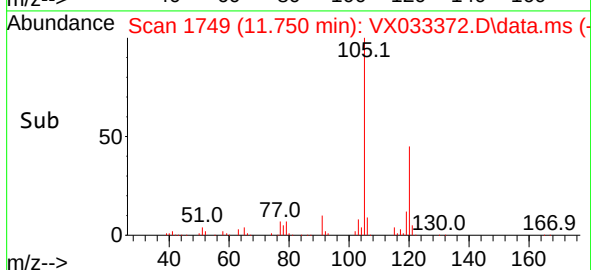
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

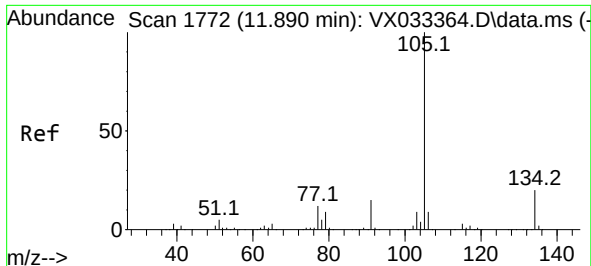


#80
1,2,4-Trimethylbenzene
Concen: 19.913 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18



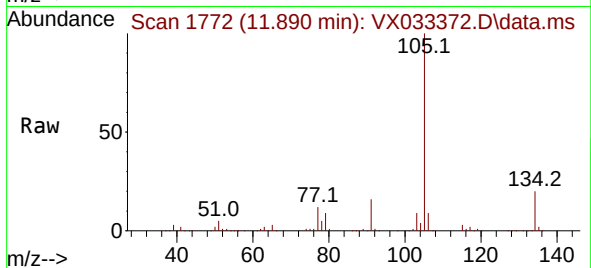
Tgt Ion:105 Resp: 113177
Ion Ratio Lower Upper
105 100
120 44.0 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 19.770 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033372.D
 Acq: 12 Dec 2022 14:18

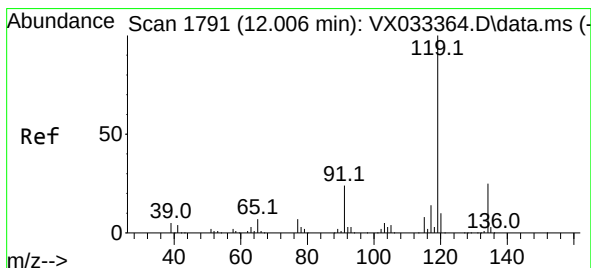
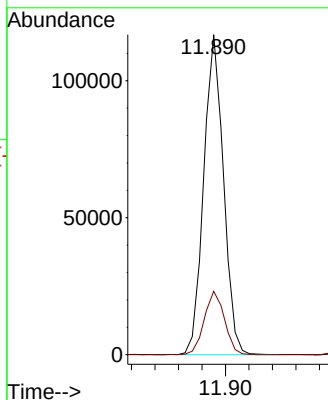
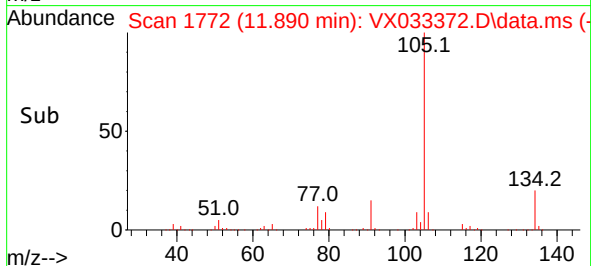
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01



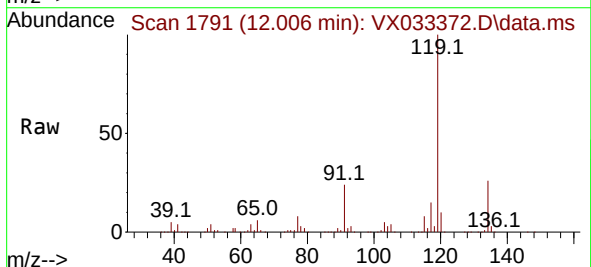
Tgt Ion:105 Resp: 13619
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 39.8

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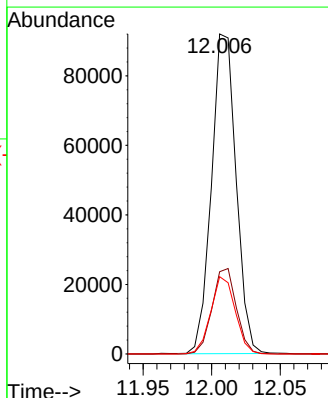
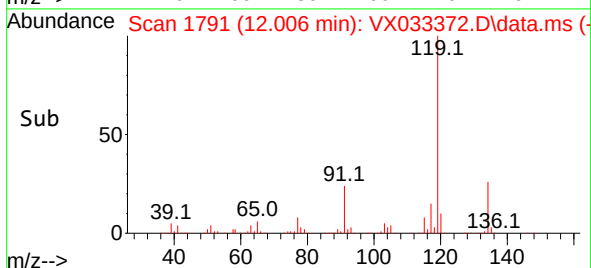
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

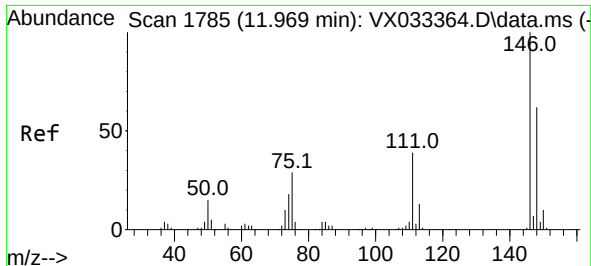


#82
 p-Isopropyltoluene
 Concen: 19.557 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033372.D
 Acq: 12 Dec 2022 14:18



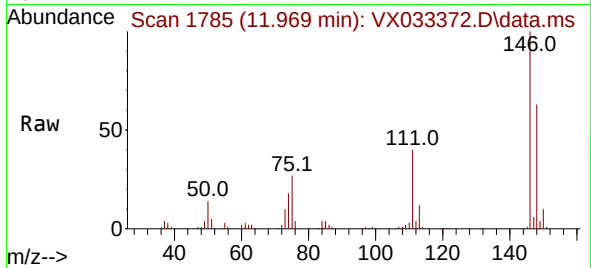
Tgt Ion:119 Resp: 114894
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.6
 91 24.0 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 19.955 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

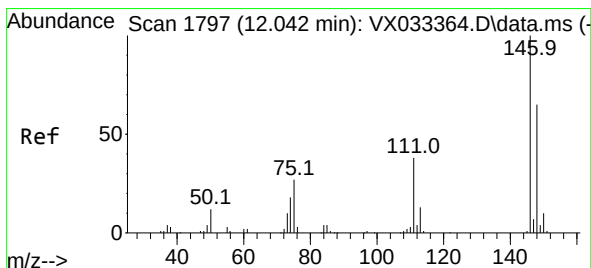
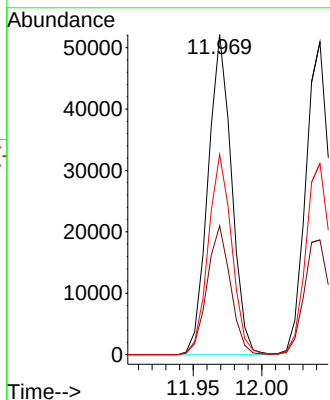
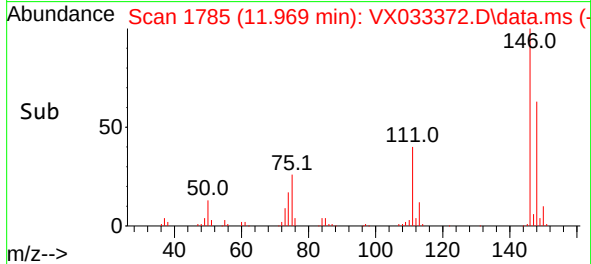
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



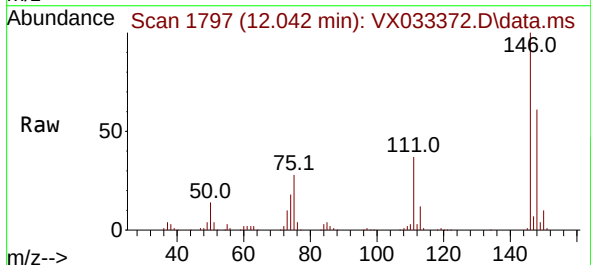
Tgt Ion:146 Resp: 62500
Ion Ratio Lower Upper
146 100
111 39.9 20.1 60.3
148 62.3 31.3 93.9

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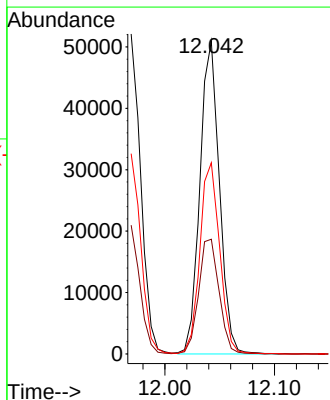
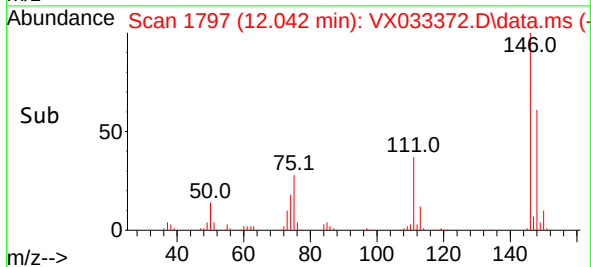
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

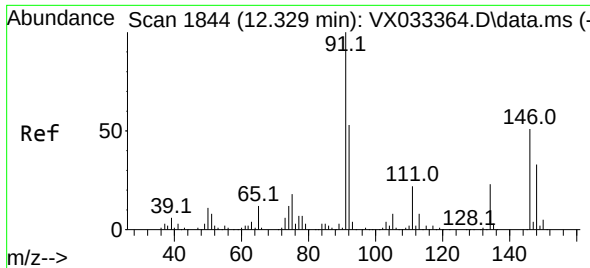


#84
1,4-Dichlorobenzene
Concen: 19.998 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18



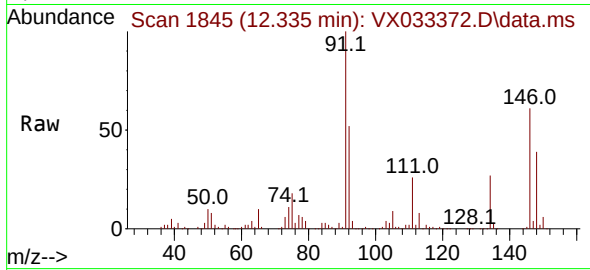
Tgt Ion:146 Resp: 63044
Ion Ratio Lower Upper
146 100
111 38.5 19.1 57.1
148 61.8 32.2 96.6





#85
n-Butylbenzene
Concen: 19.621 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

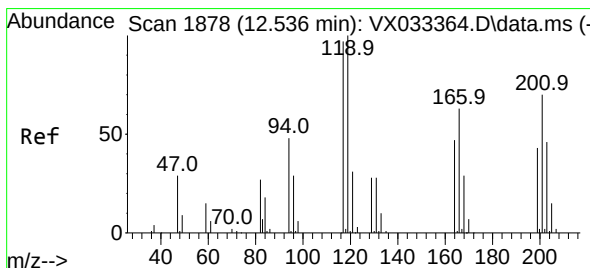
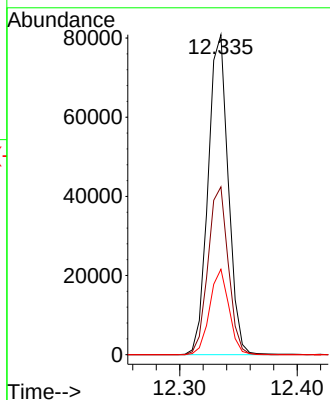
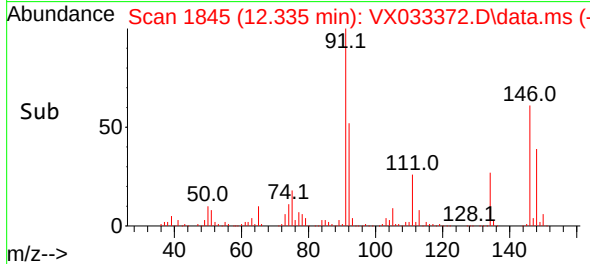
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion: 91 Resp: 96220
Ion Ratio Lower Upper
91 100
92 52.7 0.0 106.8
134 25.5 0.0 51.8

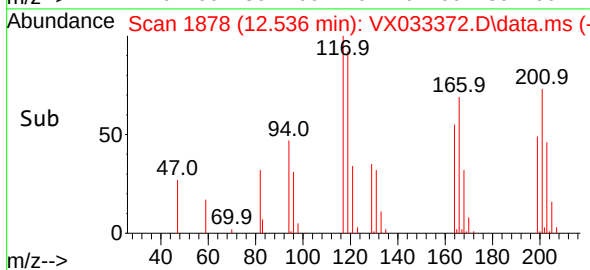
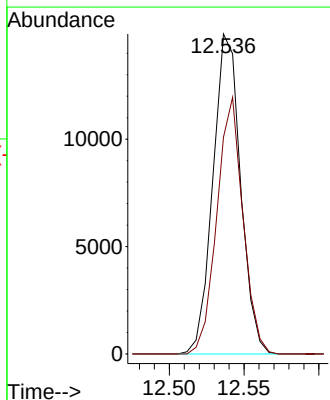
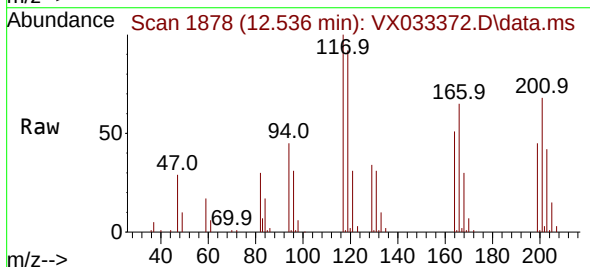
Manual Integrations
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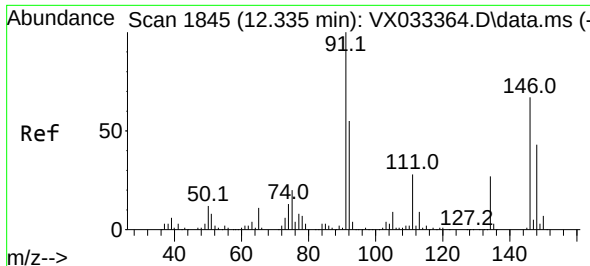
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#86
Hexachloroethane
Concen: 18.353 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

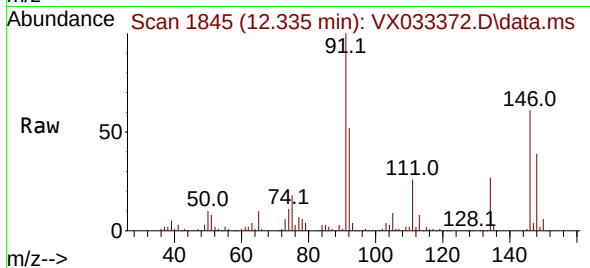
Tgt Ion:117 Resp: 19137
Ion Ratio Lower Upper
117 100
201 75.6 40.4 121.2





#87
1,2-Dichlorobenzene
Concen: 19.604 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

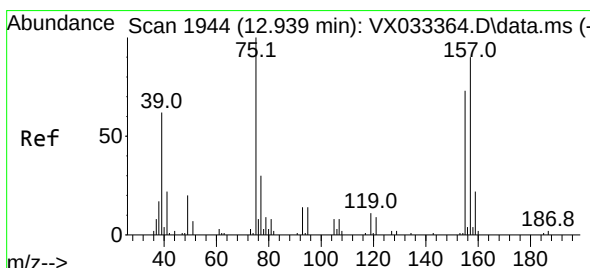
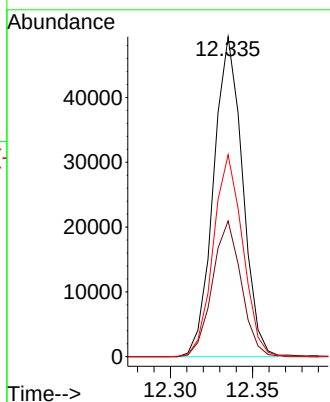
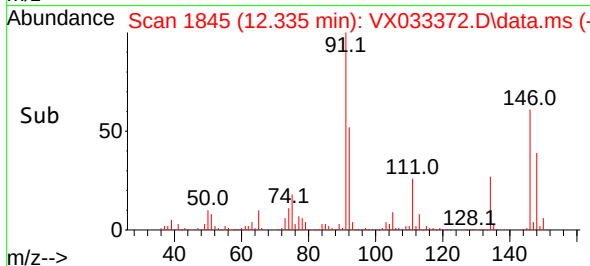
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



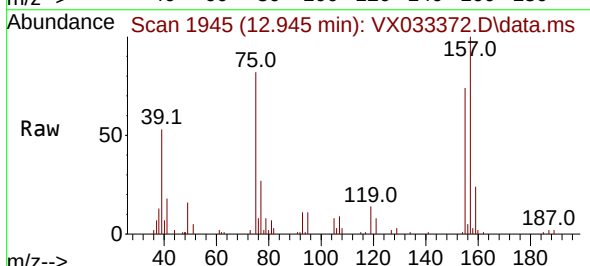
Tgt Ion:146 Resp: 6050
Ion Ratio Lower Upper
146 100
111 42.2 20.9 62.8
148 63.9 31.9 95.5

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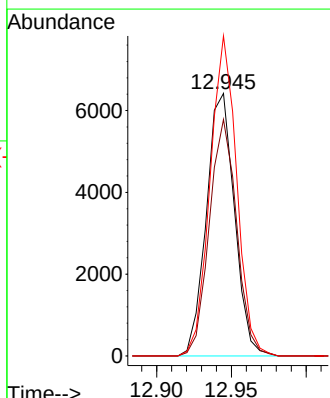
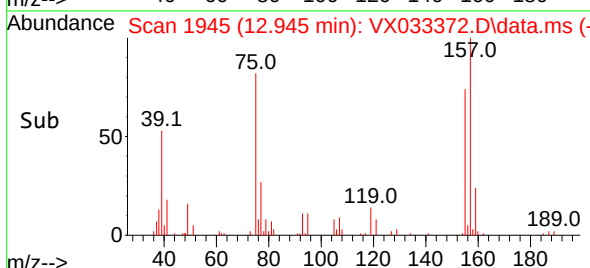
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

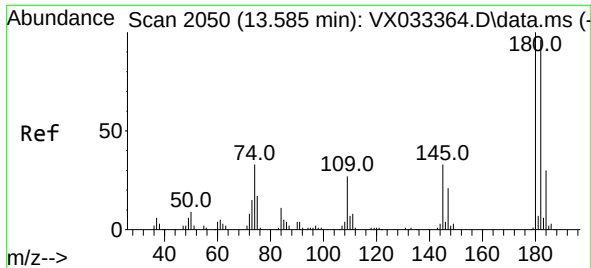


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.946 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18



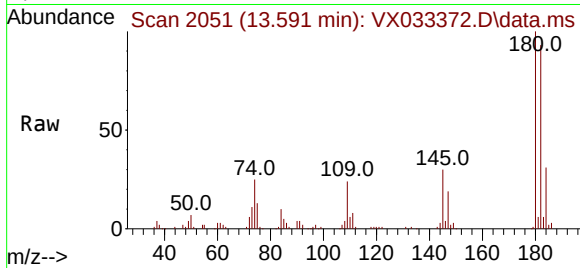
Tgt Ion: 75 Resp: 8396
Ion Ratio Lower Upper
75 100
155 87.4 69.6 104.4
157 115.3 84.8 127.2





#89
1,2,4-Trichlorobenzene
Concen: 20.336 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

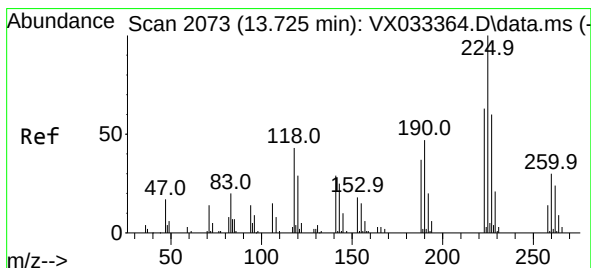
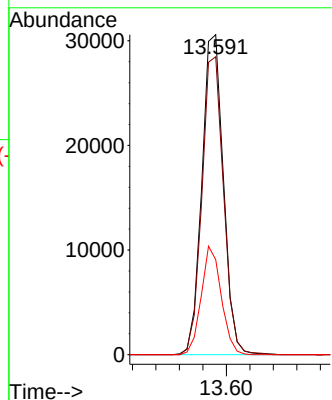
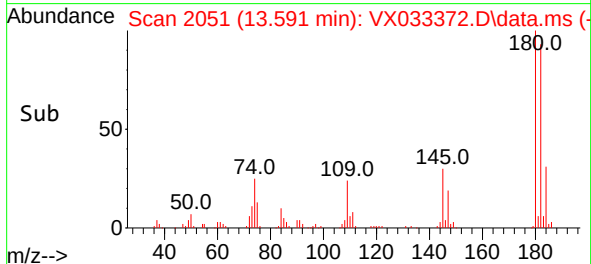
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



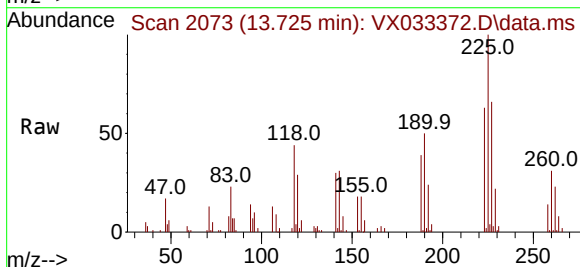
Tgt Ion:180 Resp: 38770
Ion Ratio Lower Upper
180 100
182 93.5 78.4 117.6
145 31.6 25.4 38.2

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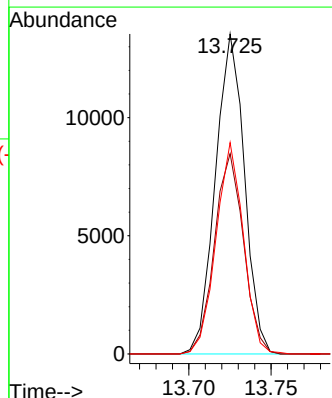
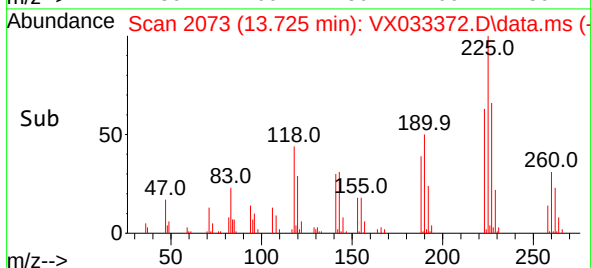
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

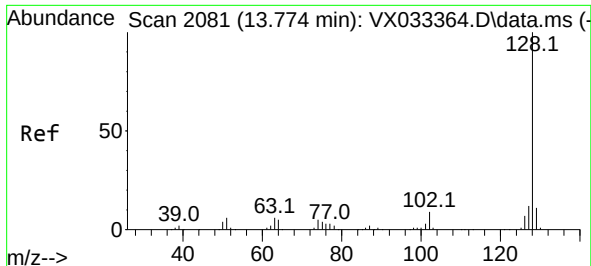


#90
Hexachlorobutadiene
Concen: 20.539 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18



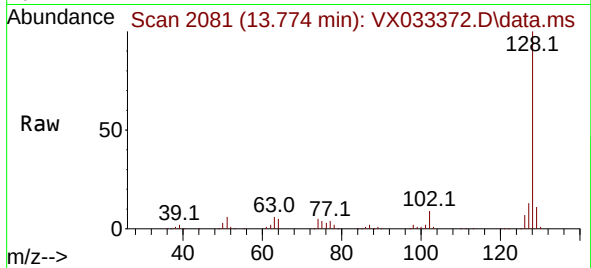
Tgt Ion:225 Resp: 16615
Ion Ratio Lower Upper
225 100
223 62.8 0.0 125.6
227 62.3 0.0 125.4





#91
Naphthalene
Concen: 20.045 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

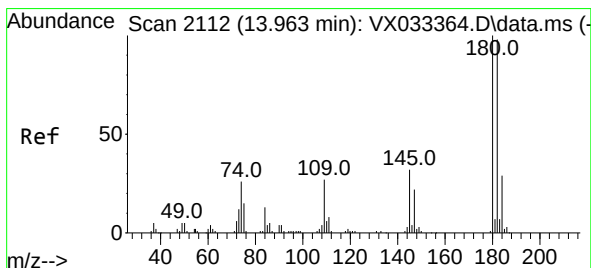
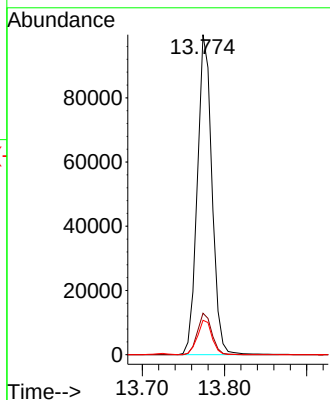
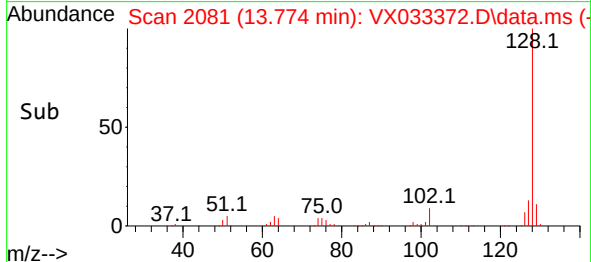
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion:128 Resp: 123680
Ion Ratio Lower Upper
128 100
127 12.8 9.9 14.9
129 10.7 8.8 13.2

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



#92
1,2,3-Trichlorobenzene
Concen: 19.842 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033372.D
Acq: 12 Dec 2022 14:18

Tgt Ion:180 Resp: 37883
Ion Ratio Lower Upper
180 100
182 95.9 0.0 194.2
145 33.8 0.0 68.0

