

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038297.D
 Acq On : 16 Oct 2023 12:27
 Operator : JC/MD
 Sample : VX1016WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/17/2023
 Supervised By : Mahesh Dadoda 10/18/2023

Quant Time: Oct 17 01:19:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	152504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	259165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	112000	45.660	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.320%		
35) Dibromofluoromethane	5.385	113	90876	48.663	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.320%		
50) Toluene-d8	8.647	98	342150	47.947	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.900%		
62) 4-Bromofluorobenzene	11.079	95	133613	49.389	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24574	16.694	ug/l	100
3) Chloromethane	1.294	50	26342	17.557	ug/l	100
4) Vinyl Chloride	1.374	62	33688	20.251	ug/l	97
5) Bromomethane	1.605	94	30539	13.353	ug/l	99
6) Chloroethane	1.684	64	24369	20.166	ug/l	97
7) Trichlorofluoromethane	1.886	101	65510	19.938	ug/l	99
8) Diethyl Ether	2.130	74	23909	19.511	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	29366	20.473	ug/l	98
10) Methyl Iodide	2.453	142	36355	17.615	ug/l	95
11) Tert butyl alcohol	2.946	59	45902	77.102	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	27329	19.587	ug/l	85
13) Acrolein	2.233	56	28337	81.262	ug/l	99
14) Allyl chloride	2.666	41	44389	17.786	ug/l	94
15) Acrylonitrile	3.056	53	106761	95.640	ug/l	99
16) Acetone	2.373	43	102080	99.714	ug/l	93
17) Carbon Disulfide	2.514	76	60849	15.131	ug/l	98
18) Methyl Acetate	2.696	43	87203	19.864	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	104607	18.824	ug/l	96
20) Methylene Chloride	2.788	84	33933	17.622	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	31842	18.432	ug/l	87
22) Diisopropyl ether	3.757	45	96385	18.427	ug/l #	92
23) Vinyl Acetate	3.721	43	350702	91.428	ug/l	95
24) 1,1-Dichloroethane	3.611	63	58202	18.335	ug/l	99
25) 2-Butanone	4.550	43	153860	93.149	ug/l	92
26) 2,2-Dichloropropane	4.477	77	44180	17.826	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	38072	18.504	ug/l	91
28) Bromochloromethane	4.891	49	27715	19.341	ug/l	84
29) Tetrahydrofuran	5.001	42	97044	90.240	ug/l	89
30) Chloroform	5.092	83	67163	19.349	ug/l	100
31) Cyclohexane	5.470	56	46058	17.331	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	56750	19.087	ug/l	98
36) 1,1-Dichloropropene	5.690	75	46860	18.197	ug/l	97
37) Ethyl Acetate	4.708	43	56452	18.458	ug/l	98
38) Carbon Tetrachloride	5.672	117	47087	18.587	ug/l	98
39) Methylcyclohexane	7.379	83	55018	18.240	ug/l	93
40) Benzene	6.037	78	134599	18.687	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	27950	18.371	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	53929	18.740	ug/l	99
43) Isopropyl Acetate	6.336	43	82987	18.176	ug/l	96
44) Trichloroethene	7.123	130	38086	20.217	ug/l	96
45) 1,2-Dichloropropane	7.427	63	35323	18.948	ug/l	99
46) Dibromomethane	7.580	93	27294	18.878	ug/l	97
47) Bromodichloromethane	7.818	83	50150	19.498	ug/l	97
48) Methyl methacrylate	7.689	41	40344	18.510	ug/l #	85
49) 1,4-Dioxane	7.653	88	20806	387.382	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	304048	96.548	ug/l	95
52) Toluene	8.720	92	92047	19.619	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	51568	18.678	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	54710	18.861	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	40505	20.183	ug/l	98
56) Ethyl methacrylate	9.116	69	58736	19.089	ug/l	90
57) 1,3-Dichloropropane	9.305	76	64417	19.846	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	138683	91.823	ug/l	99
59) 2-Hexanone	9.427	43	249461	98.534	ug/l	96
60) Dibromochloromethane	9.518	129	39032	19.873	ug/l	100
61) 1,2-Dibromoethane	9.610	107	43419	20.007	ug/l	99
64) Tetrachloroethene	9.275	164	32067	19.178	ug/l	98
65) Chlorobenzene	10.079	112	103813	19.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	36980	20.234	ug/l	99
67) Ethyl Benzene	10.195	91	184806	19.156	ug/l	100
68) m/p-Xylenes	10.299	106	141203	37.852	ug/l	99
69) o-Xylene	10.640	106	69943	19.211	ug/l	96
70) Styrene	10.652	104	113993	19.226	ug/l	97
71) Bromoform	10.799	173	28945	18.957	ug/l #	98
73) Isopropylbenzene	10.963	105	183465	19.023	ug/l	99
74) N-amyl acetate	10.841	43	71960	17.472	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	68404	19.329	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	63078m	19.294	ug/l	
77) Bromobenzene	11.201	156	46266	19.649	ug/l	91
78) n-propylbenzene	11.305	91	223131	18.921	ug/l	99
79) 2-Chlorotoluene	11.366	91	130079	18.600	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	157867	18.973	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	17114	18.086	ug/l	95
82) 4-Chlorotoluene	11.451	91	154088	18.619	ug/l	98
83) tert-Butylbenzene	11.713	119	155634	19.143	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	158701	19.130	ug/l	97
85) sec-Butylbenzene	11.890	105	201995	19.180	ug/l	100
86) p-Isopropyltoluene	12.006	119	167099	19.231	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	89593	18.944	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	90455	18.734	ug/l	99
89) n-Butylbenzene	12.335	91	159060	18.381	ug/l	96
90) Hexachloroethane	12.536	117	27163	18.854	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	87126	19.166	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16615	19.418	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	59368	19.471	ug/l	97
94) Hexachlorobutadiene	13.725	225	23953	19.519	ug/l	99
95) Naphthalene	13.774	128	197117	18.564	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	56915	19.278	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

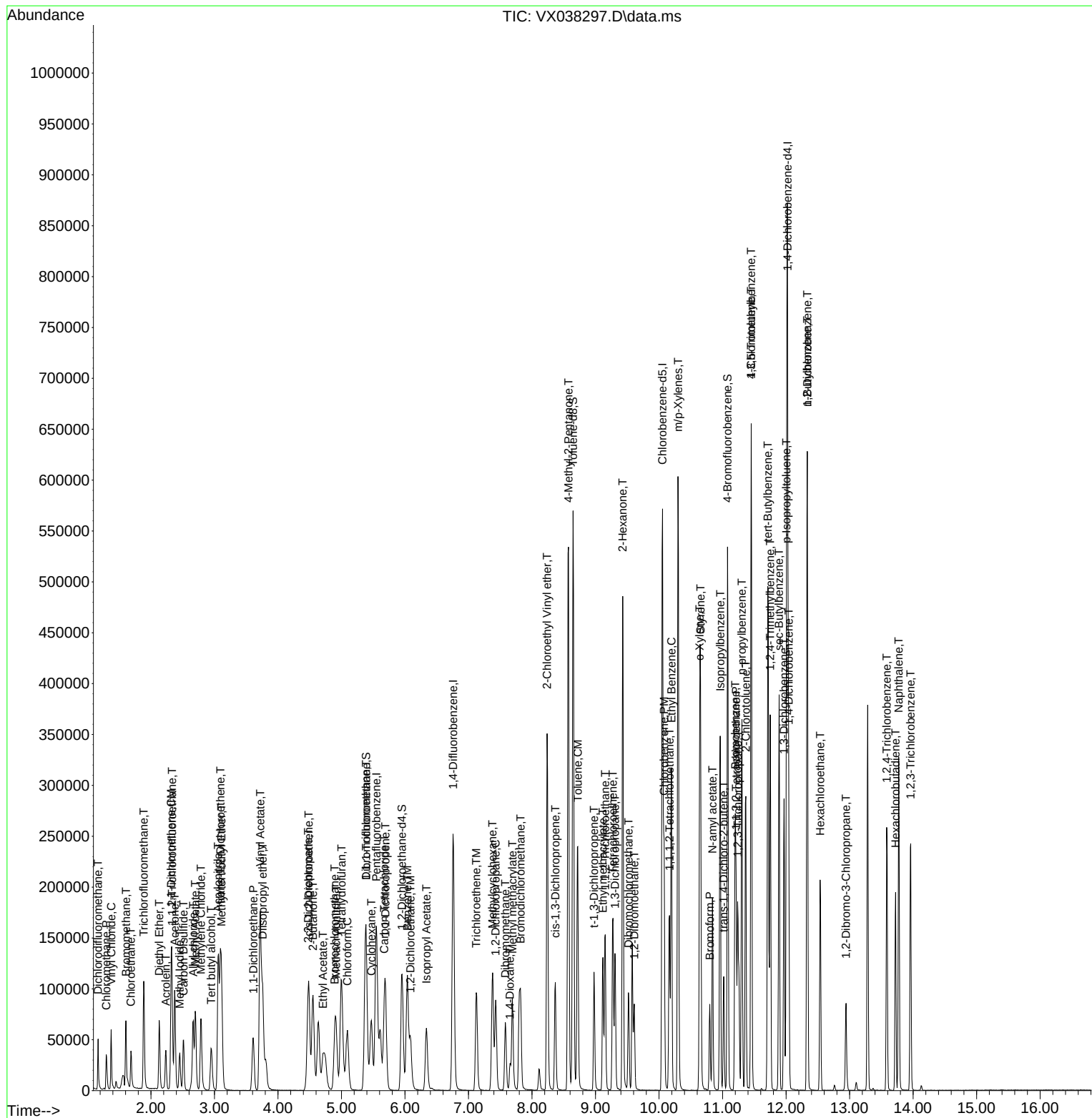
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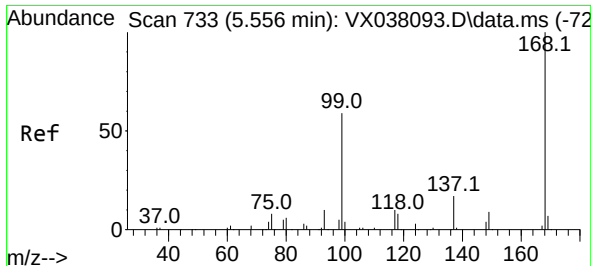
Instrument :
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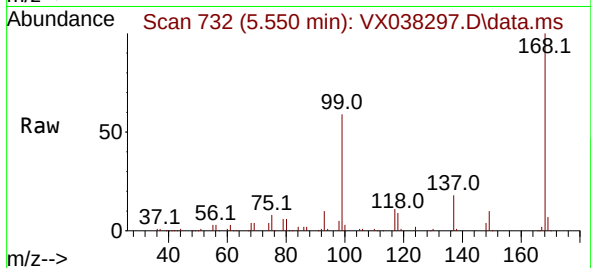
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038297.D
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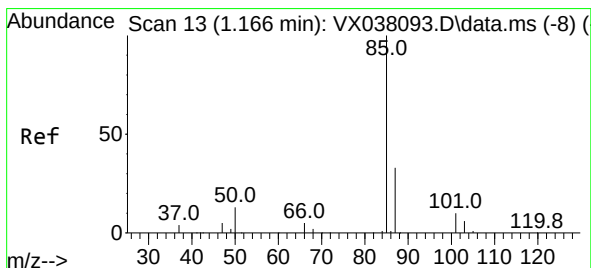
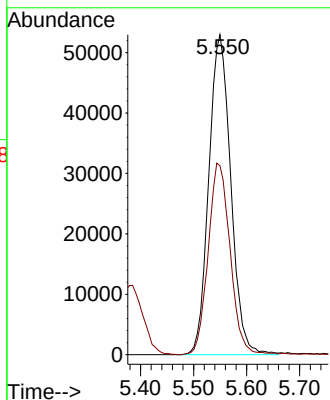
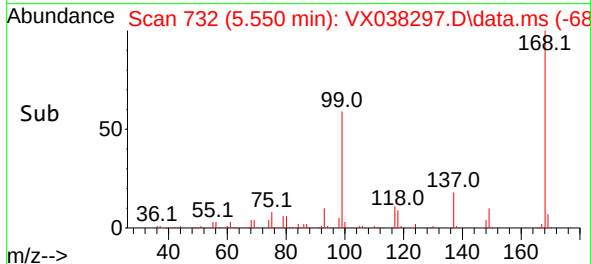
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



Tgt Ion:168 Resp: 152504
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0

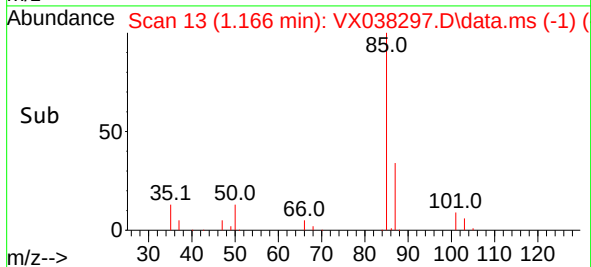
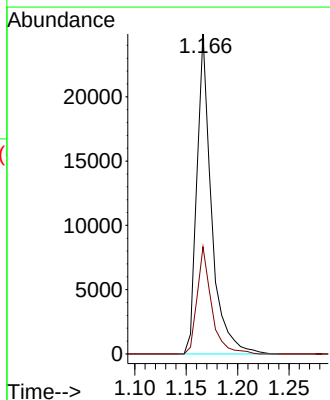
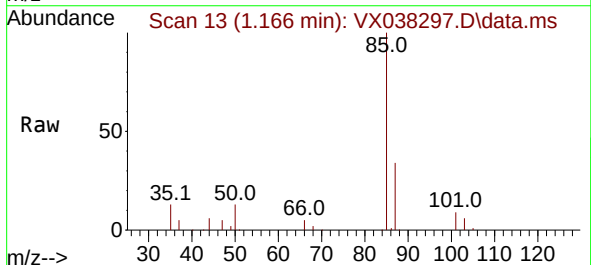
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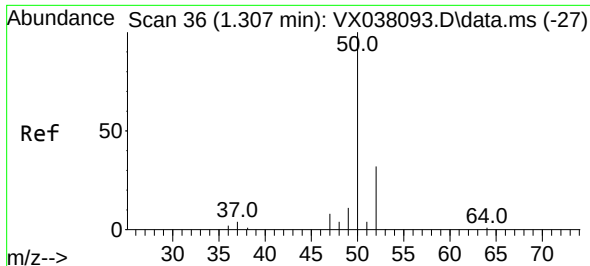
Reviewed By :John Carlone 10/17/2023
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#2
Dichlorodifluoromethane
Concen: 16.694 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Tgt Ion: 85 Resp: 24574
Ion Ratio Lower Upper
85 100
87 33.5 16.7 50.1





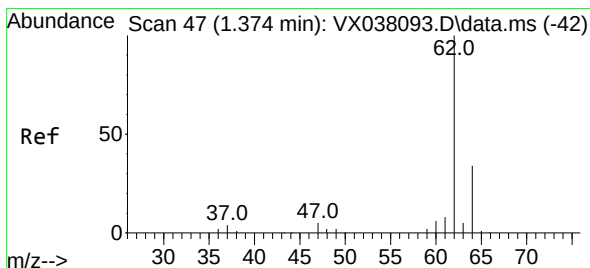
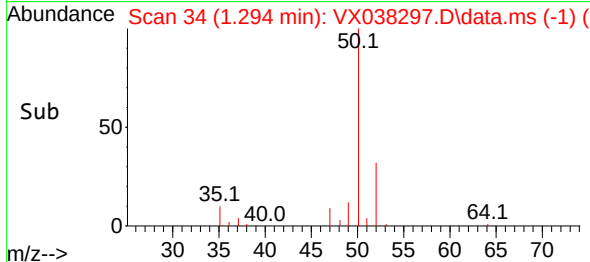
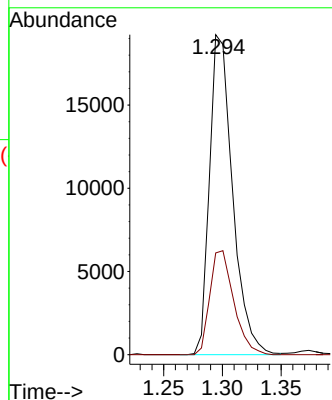
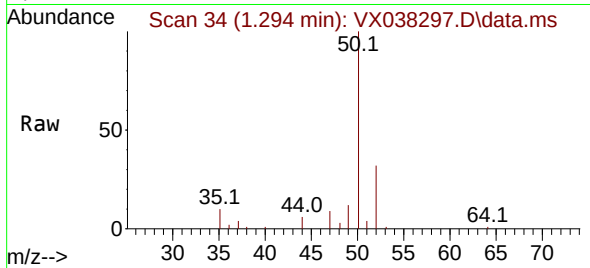
#3
Chloromethane
Concen: 17.557 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Instrument :
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Tgt Ion: 50 Resp: 2634
Ion Ratio Lower Upper
50 100
52 31.8 25.5 38.3

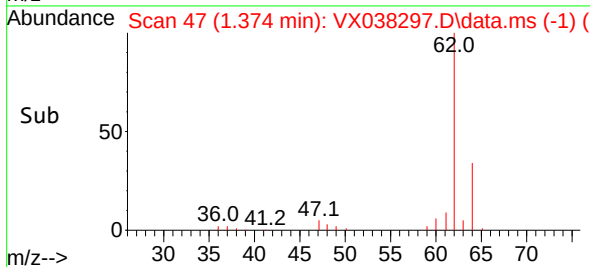
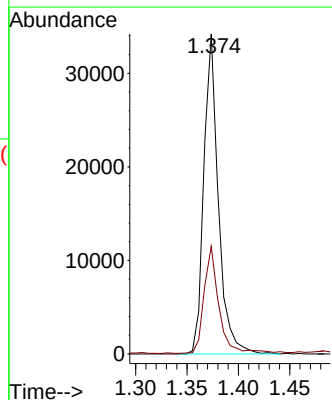
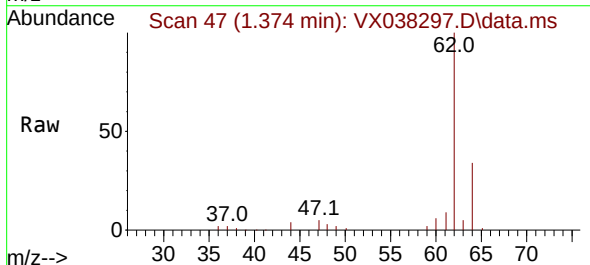
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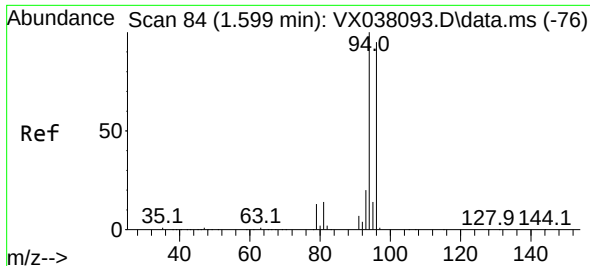
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#4
Vinyl Chloride
Concen: 20.251 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

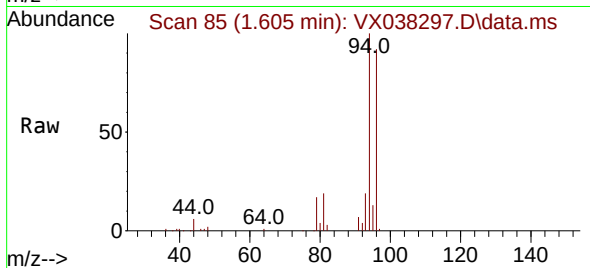
Tgt Ion: 62 Resp: 33688
Ion Ratio Lower Upper
62 100
64 33.4 25.4 38.0





#5
Bromomethane
Concen: 13.353 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

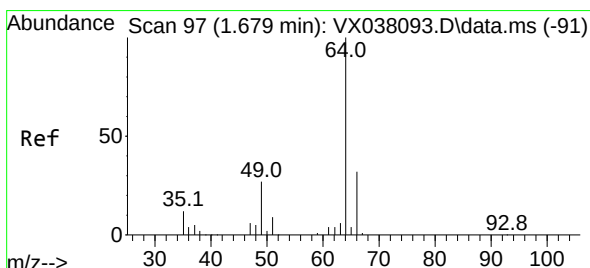
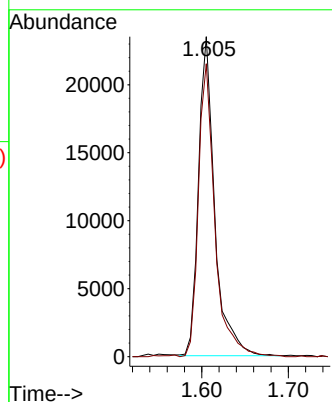
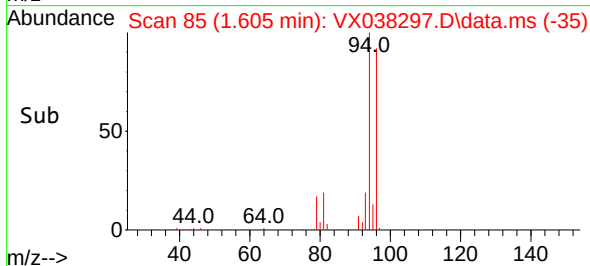
Instrument :
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Tgt Ion: 94 Resp: 30539
Ion Ratio Lower Upper
94 100
96 91.8 74.6 111.8

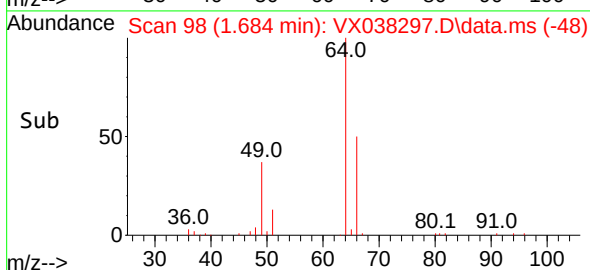
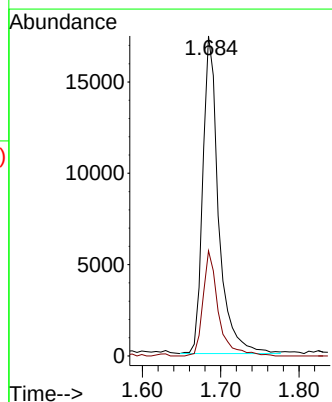
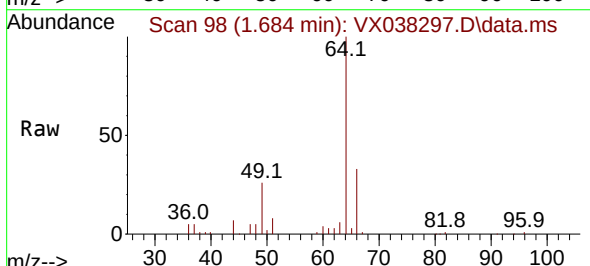
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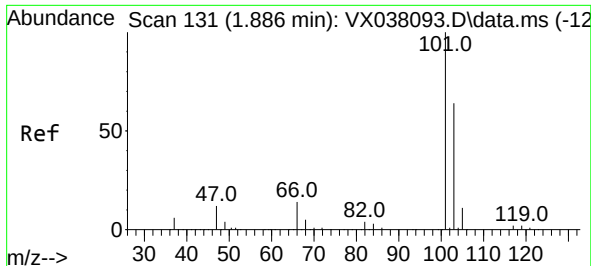
Reviewed By :John Carlone 10/17/2023
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#6
Chloroethane
Concen: 20.166 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

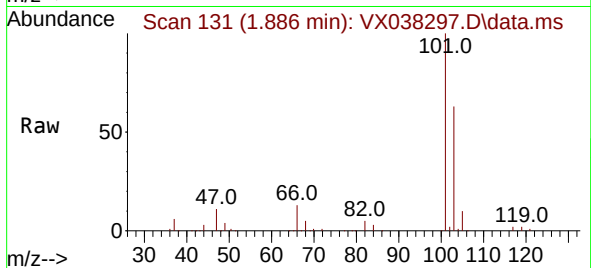
Tgt Ion: 64 Resp: 24369
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 19.938 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038297.D
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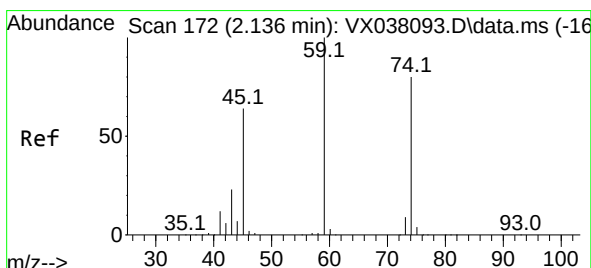
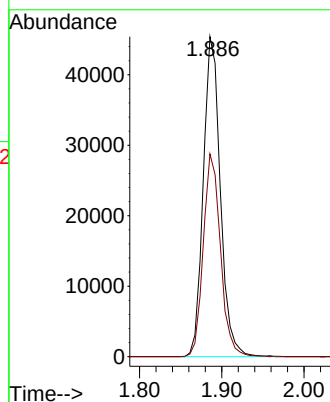
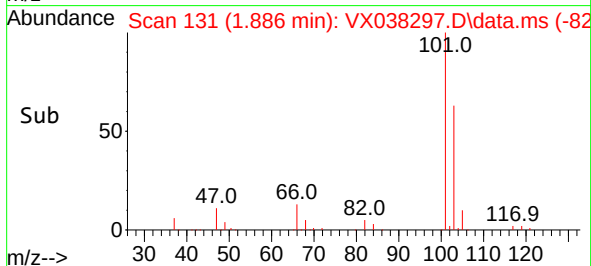
Instrument :
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Tgt Ion:101 Resp: 65510
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.2

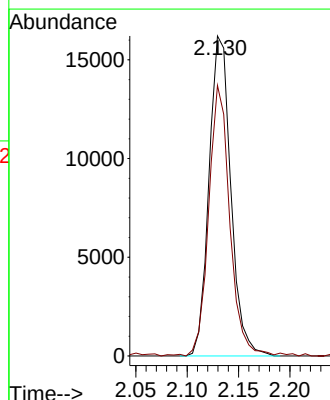
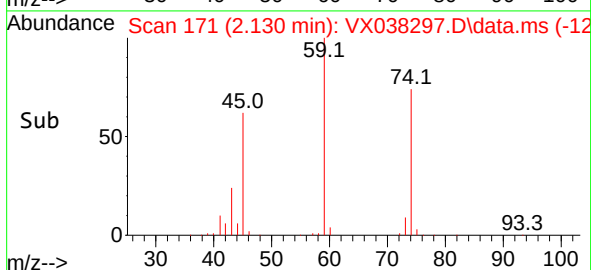
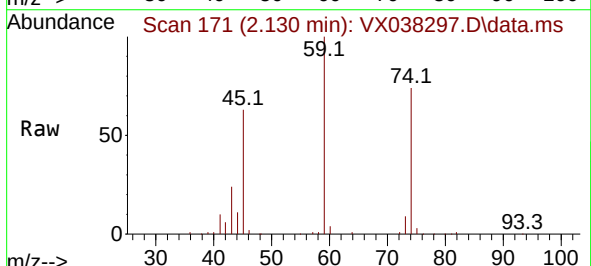
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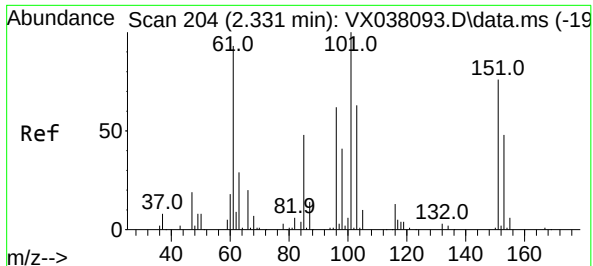
Reviewed By :John Carlone 10/17/2023
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#8
Diethyl Ether
Concen: 19.511 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Tgt Ion: 74 Resp: 23909
Ion Ratio Lower Upper
74 100
45 81.7 53.3 159.8





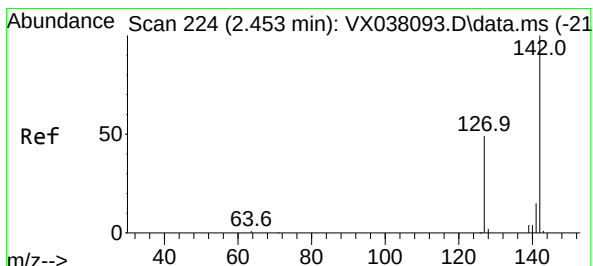
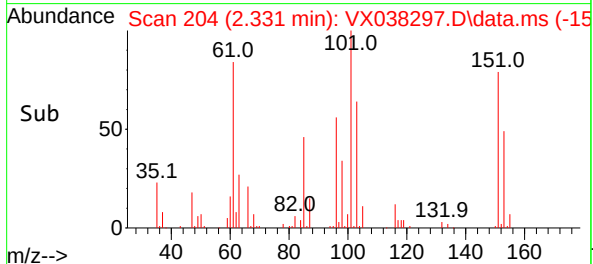
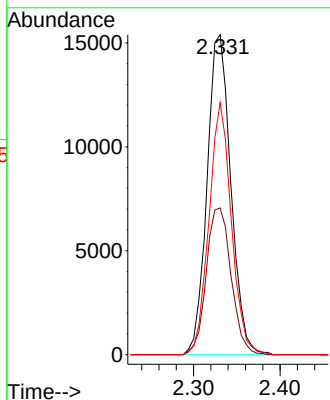
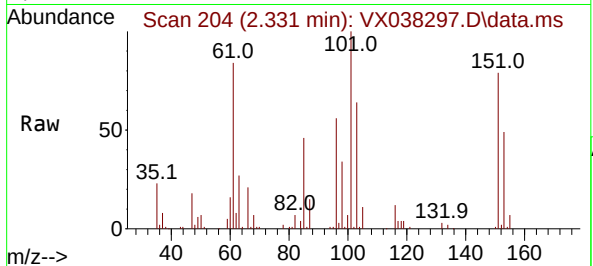
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.473 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tgt Ion:101 Resp: 29360
Ion Ratio Lower Upper
101 100
85 47.8 37.0 55.6
151 74.2 58.6 87.8

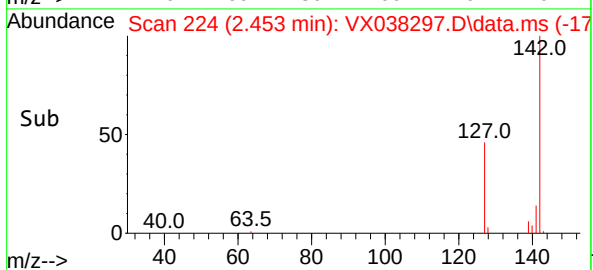
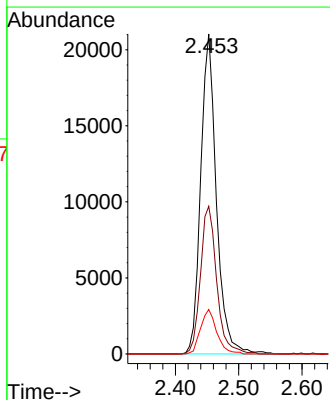
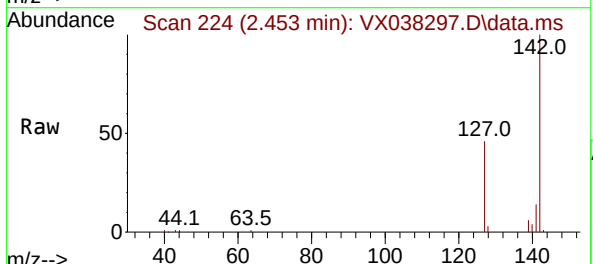
Manual Integrations
APPROVED

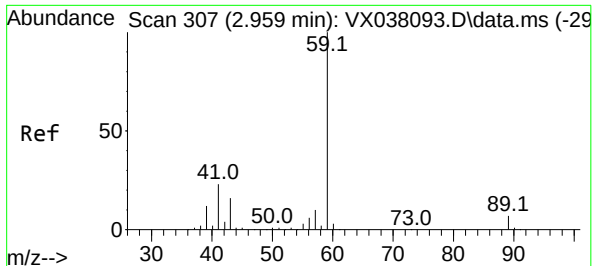
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#10
Methyl Iodide
Concen: 17.615 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

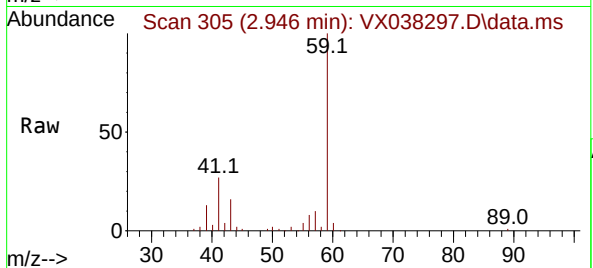
Tgt Ion:142 Resp: 36355
Ion Ratio Lower Upper
142 100
127 47.8 41.6 62.4
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 77.102 ug/l
RT: 2.946 min Scan# 307
Delta R.T. -0.013 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

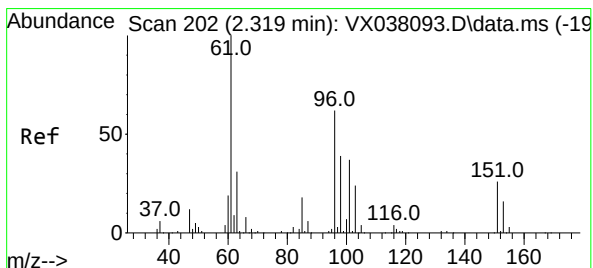
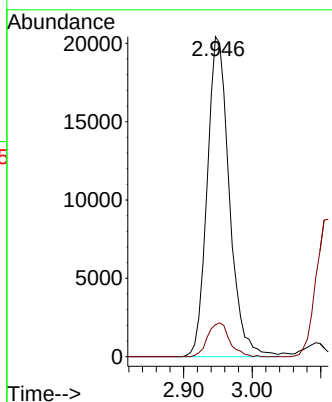
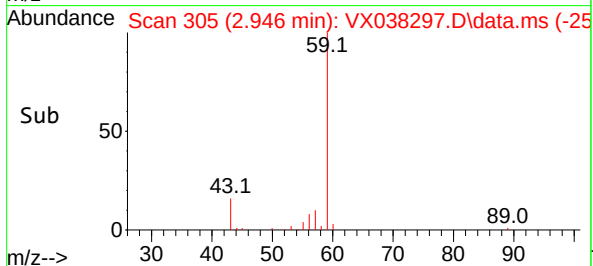
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



Tgt Ion: 59 Resp: 45902
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

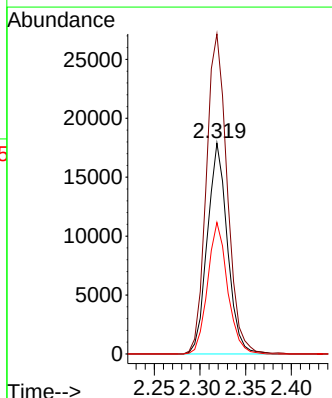
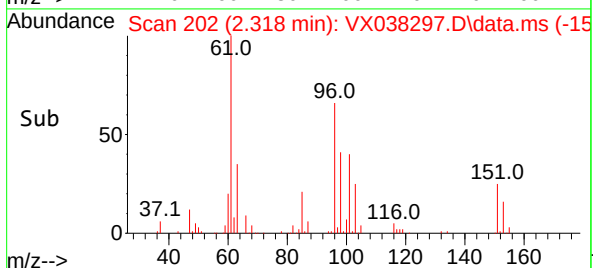
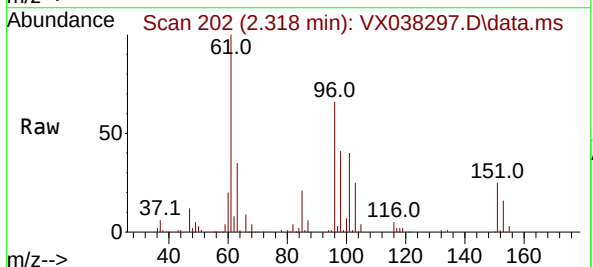
Manual Integrations
APPROVED

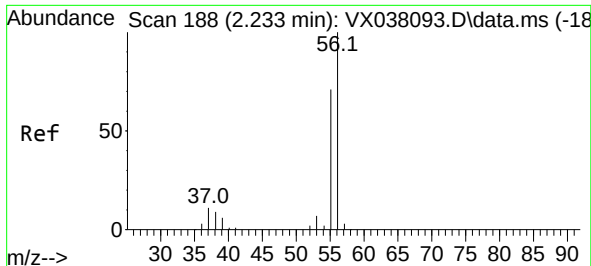
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#12
1,1-Dichloroethene
Concen: 19.587 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

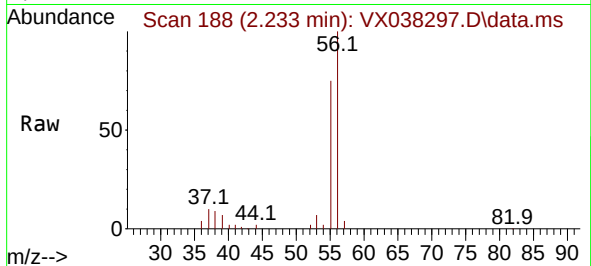
Tgt Ion: 96 Resp: 27329
Ion Ratio Lower Upper
96 100
61 151.7 144.6 216.8
98 62.4 50.4 75.6





#13
Acrolein
Concen: 81.262 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

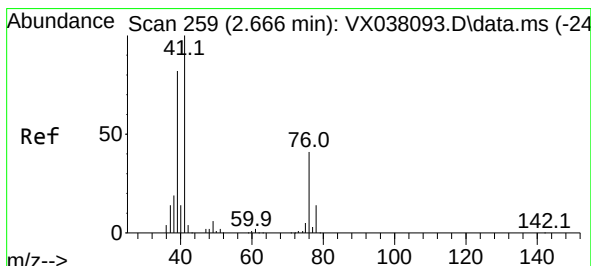
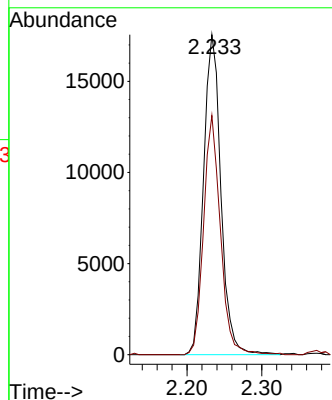
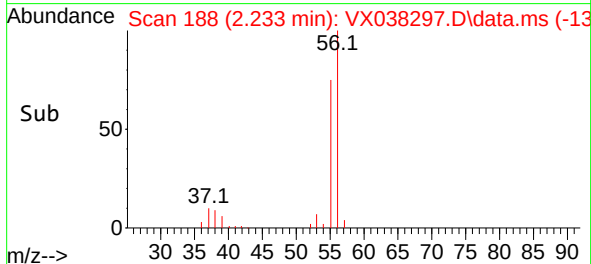
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



Tgt Ion: 56 Resp: 2833
Ion Ratio Lower Upper
56 100
55 72.5 57.1 85.7

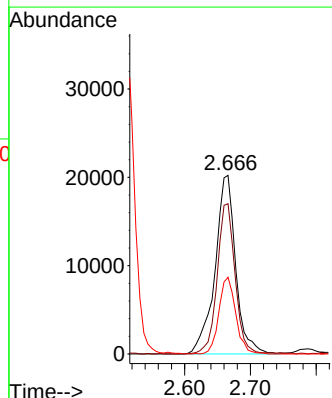
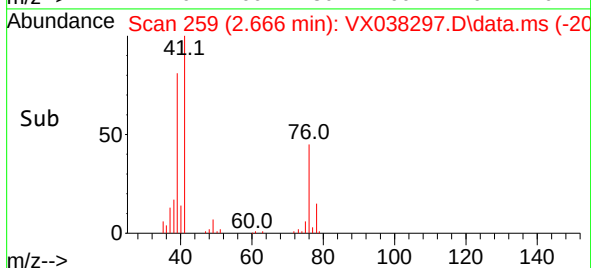
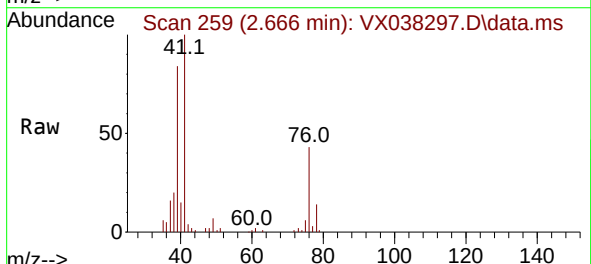
Manual Integrations
APPROVED

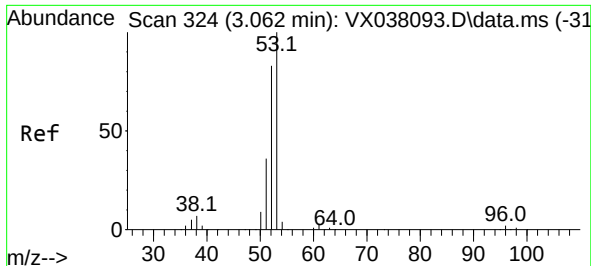
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#14
Allyl chloride
Concen: 17.786 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Tgt Ion: 41 Resp: 44389
Ion Ratio Lower Upper
41 100
39 73.3 55.8 83.6
76 34.9 24.3 36.5





#15

Acrylonitrile

Concen: 95.640 ug/l

RT: 3.056 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

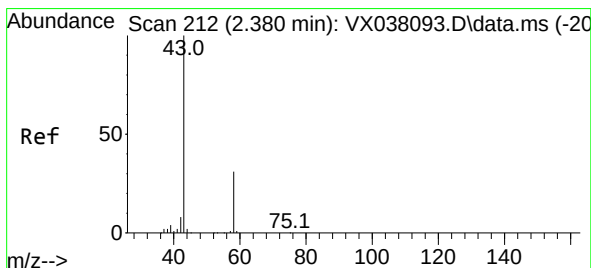
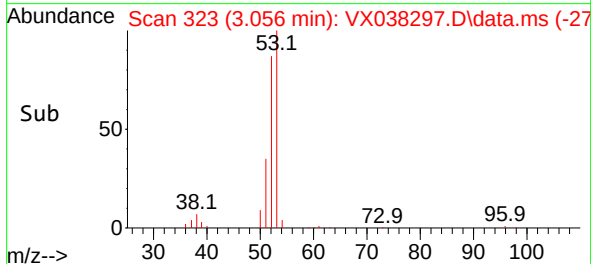
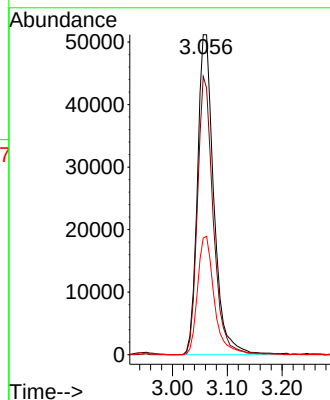
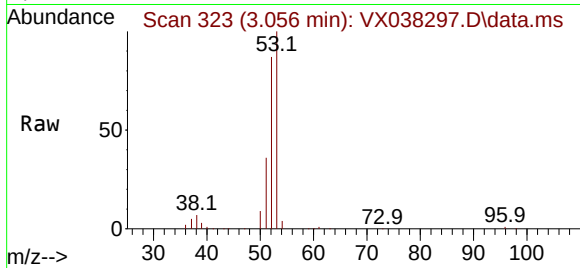
Tgt Ion:	53	Resp:	10676
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.0	99.0
51	37.9	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#16

Acetone

Concen: 99.714 ug/l

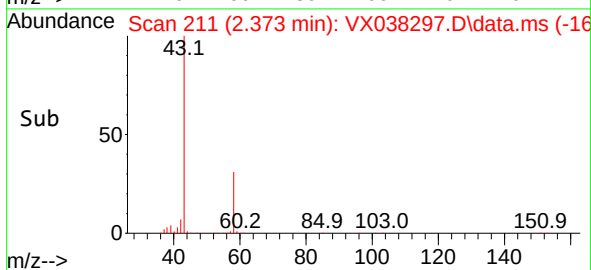
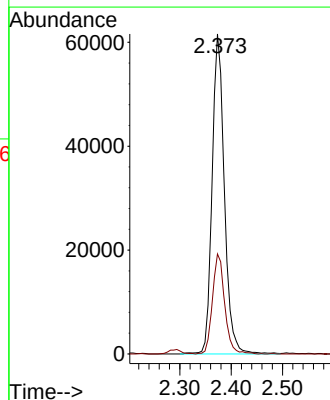
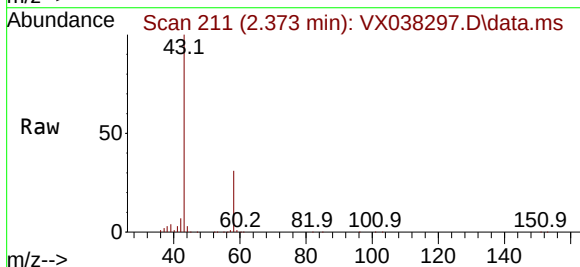
RT: 2.373 min Scan# 211

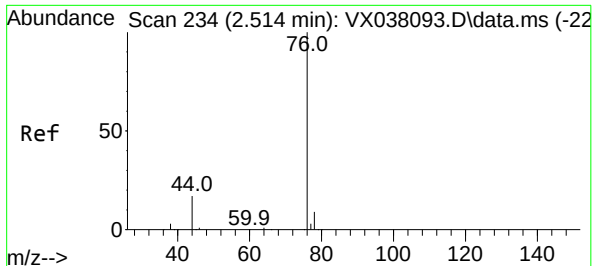
Delta R.T. -0.007 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

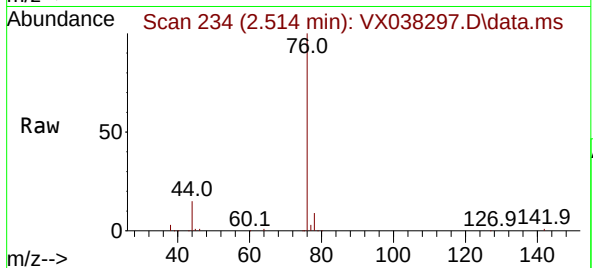
Tgt Ion:	43	Resp:	102080
Ion	Ratio	Lower	Upper
43	100		
58	31.2	21.9	32.9





#17
Carbon Disulfide
Concen: 15.131 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

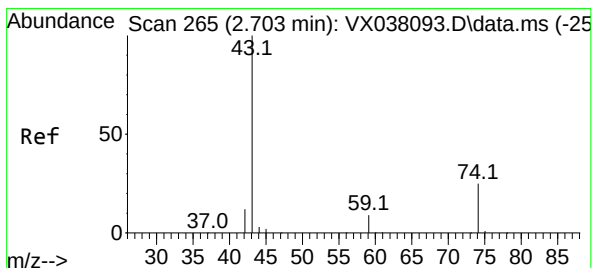
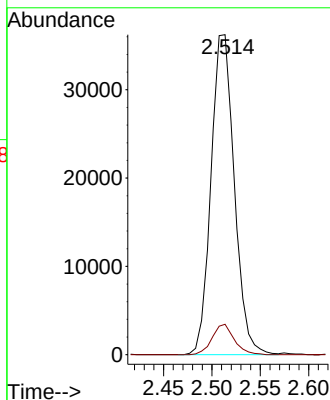
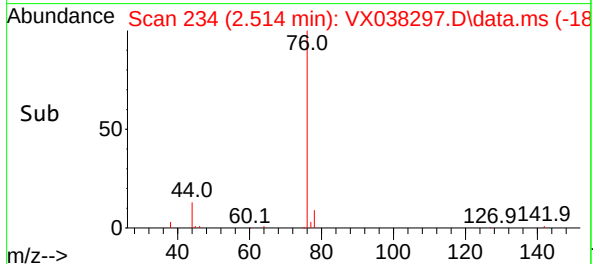
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



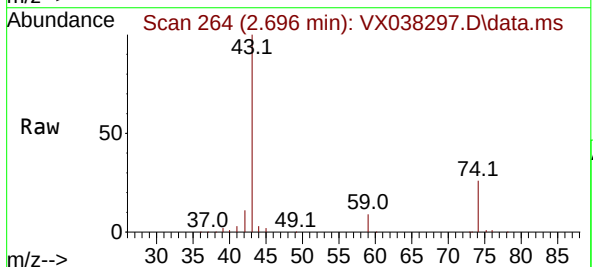
Tgt Ion: 76 Resp: 60849
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

Manual Integrations
APPROVED

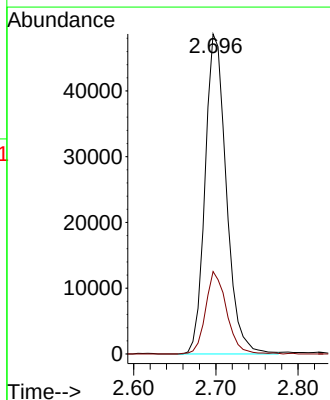
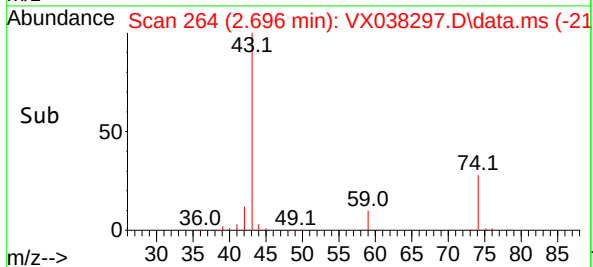
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

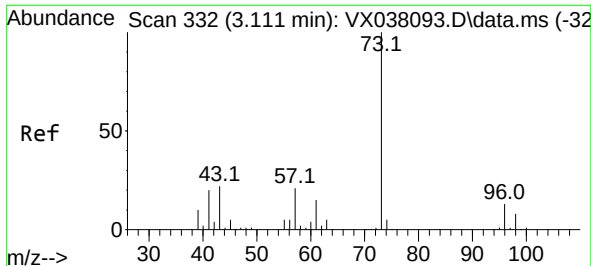


#18
Methyl Acetate
Concen: 19.864 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.007 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27



Tgt Ion: 43 Resp: 87203
Ion Ratio Lower Upper
43 100
74 25.6 17.8 26.8





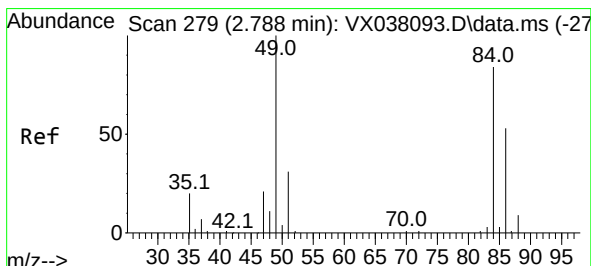
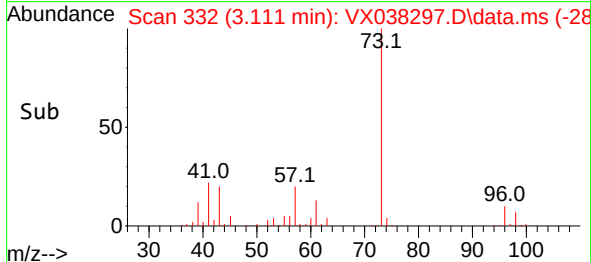
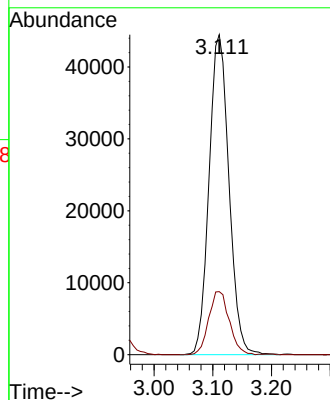
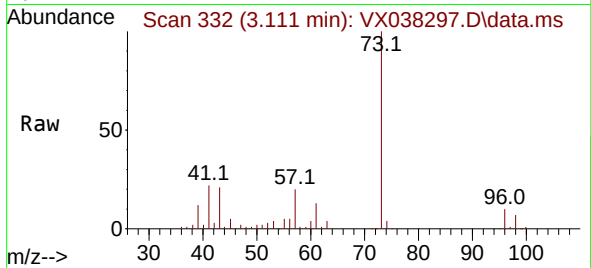
#19
Methyl tert-butyl Ether
Concen: 18.824 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tgt Ion: 73 Resp: 10460
Ion Ratio Lower Upper
73 100
57 19.7 17.3 25.9

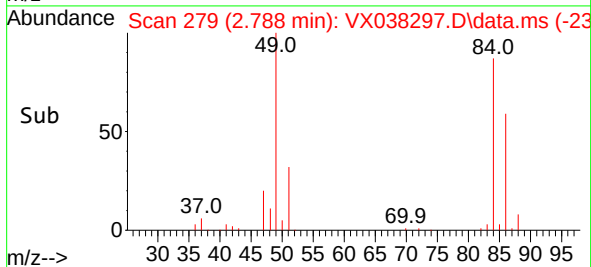
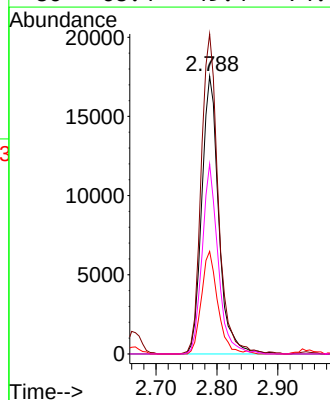
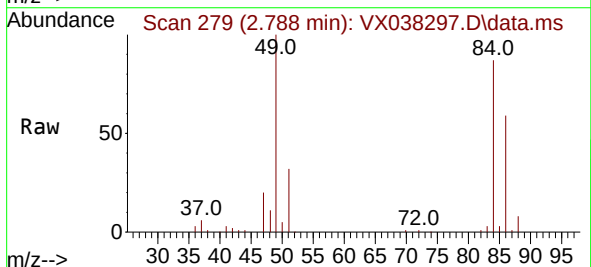
Manual Integrations
APPROVED

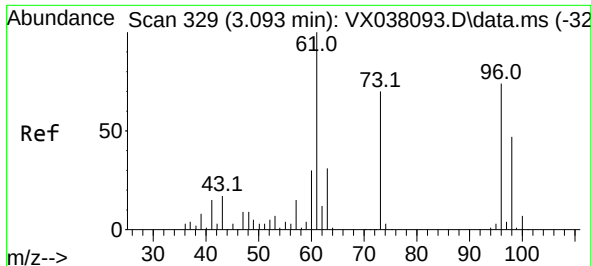
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#20
Methylene Chloride
Concen: 17.622 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

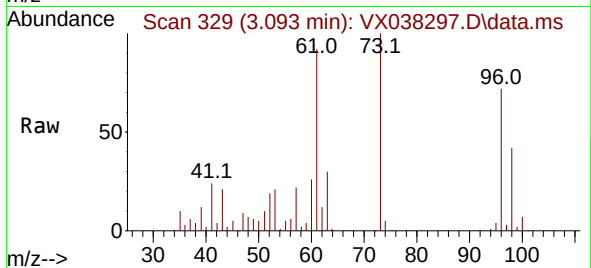
Tgt Ion: 84 Resp: 33933
Ion Ratio Lower Upper
84 100
49 115.2 103.6 155.4
51 36.9 33.8 50.6
86 68.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.432 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

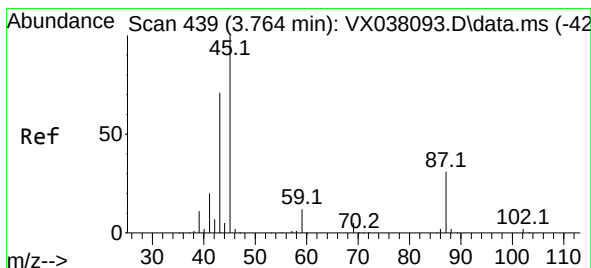
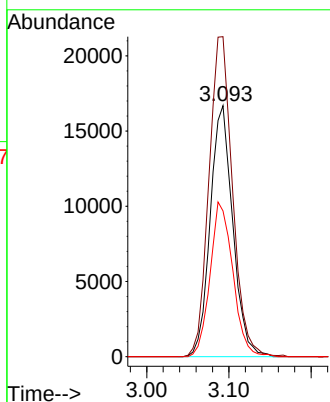
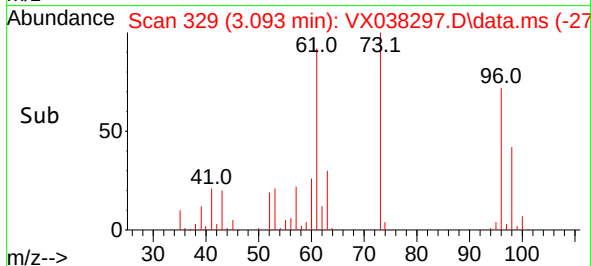
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



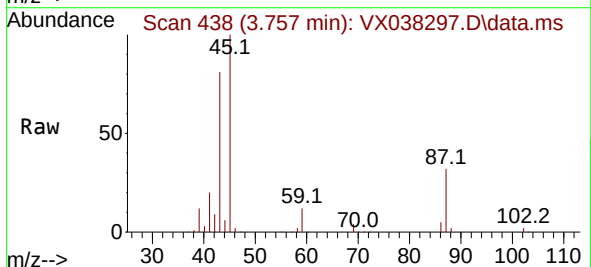
Tgt Ion: 96 Resp: 3184
Ion Ratio Lower Upper
96 100
61 127.5 119.2 178.8
98 58.1 48.7 73.1

Manual Integrations
APPROVED

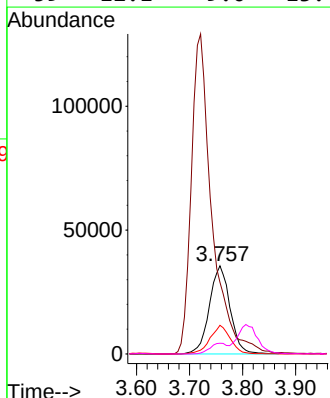
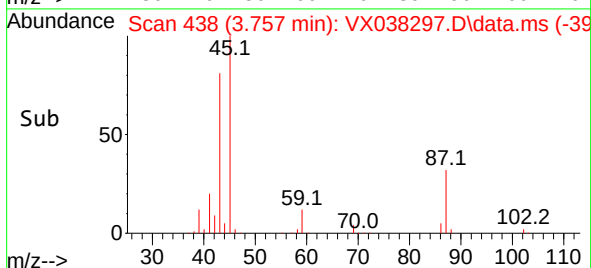
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

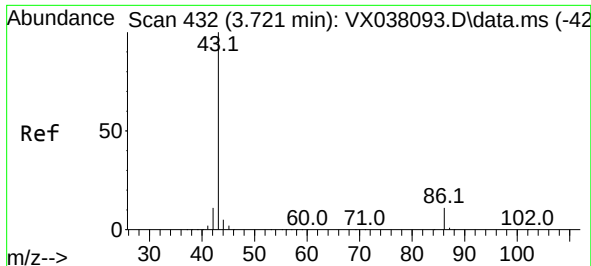


#22
Diisopropyl ether
Concen: 18.427 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27



Tgt Ion: 45 Resp: 96385
Ion Ratio Lower Upper
45 100
43 79.9 69.7 104.5
87 32.4 20.8 31.2#
59 12.1 9.0 13.4





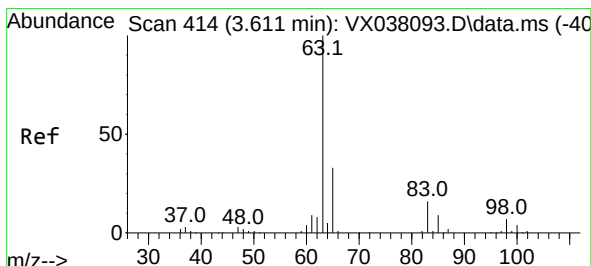
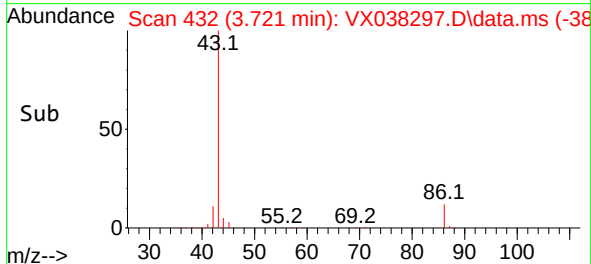
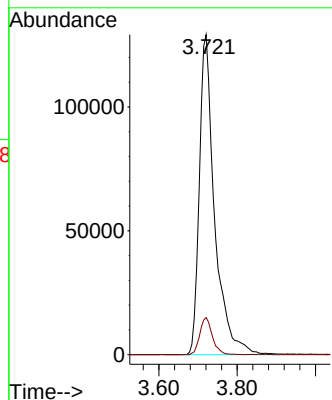
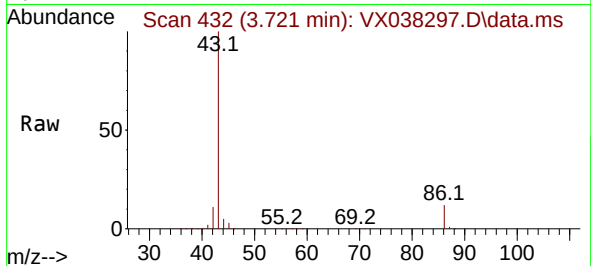
#23
 Vinyl Acetate
 Concen: 91.428 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038297.D
 Acq: 16 Oct 2023 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Tgt Ion: 43 Resp: 35070
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.8 11.8

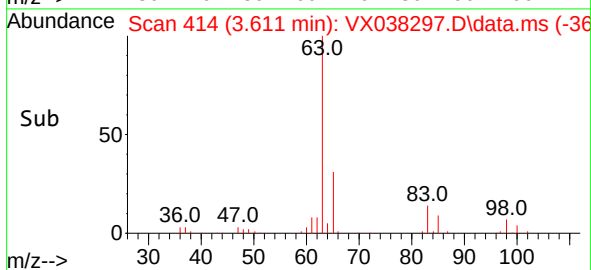
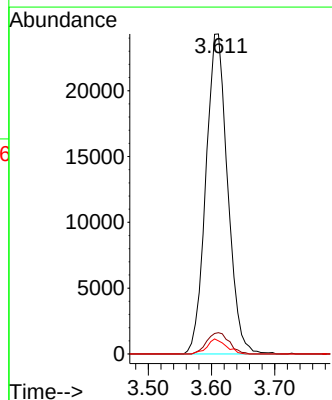
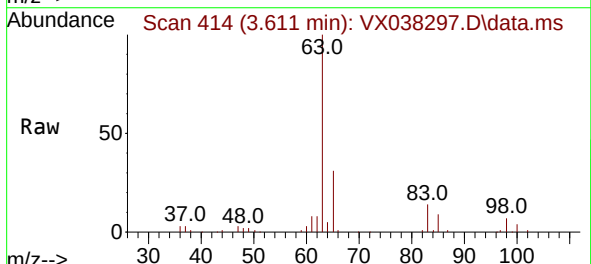
Manual Integrations
 APPROVED

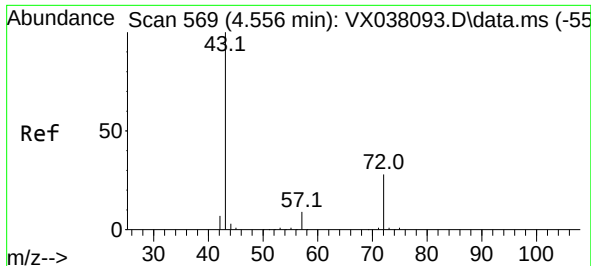
Reviewed By :John Carlone 10/17/2023
 Supervised By :Mahesh Dadoda 10/18/2023



#24
 1,1-Dichloroethane
 Concen: 18.335 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX038297.D
 Acq: 16 Oct 2023 12:27

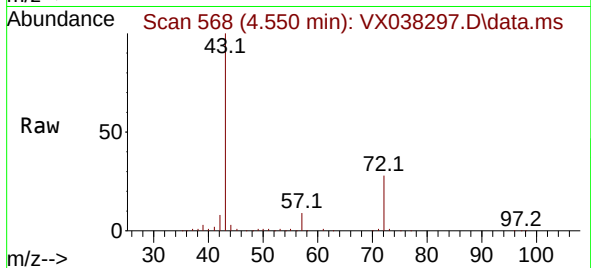
Tgt Ion: 63 Resp: 58202
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.1 2.1 6.5





#25
2-Butanone
Concen: 93.149 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

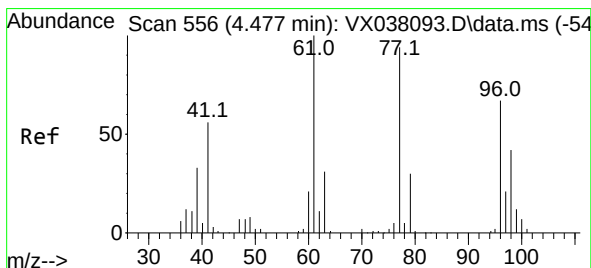
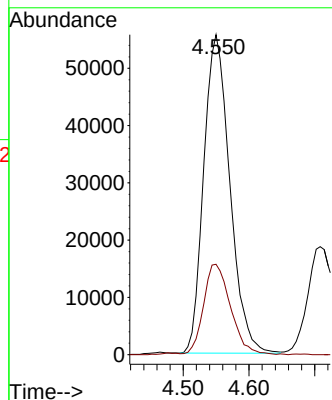
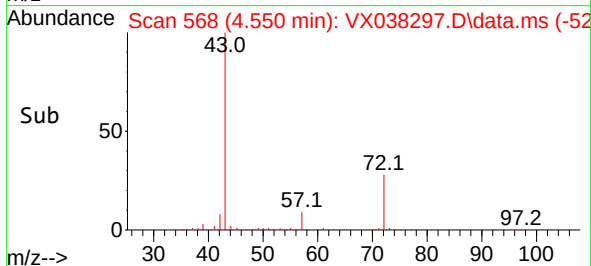
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



Tgt Ion: 43 Resp: 153860
Ion Ratio Lower Upper
43 100
72 28.2 19.4 29.2

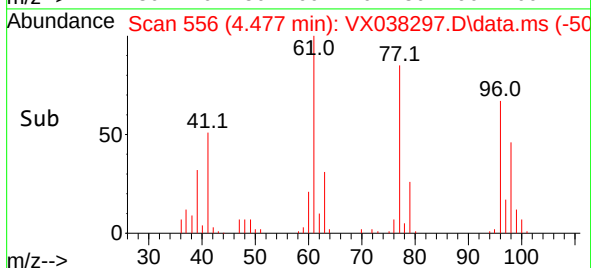
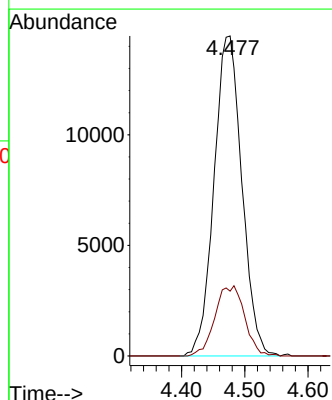
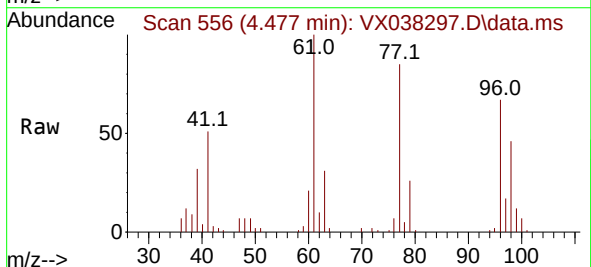
Manual Integrations
APPROVED

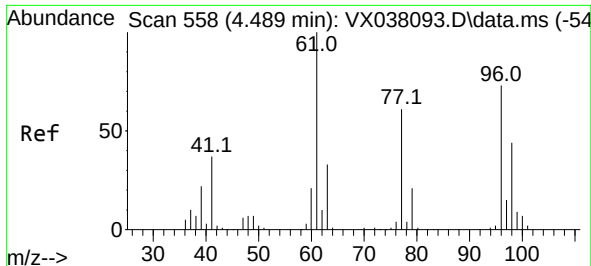
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#26
2,2-Dichloropropane
Concen: 17.826 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Tgt Ion: 77 Resp: 44180
Ion Ratio Lower Upper
77 100
97 23.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.504 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

Tgt Ion: 96 Resp: 3807

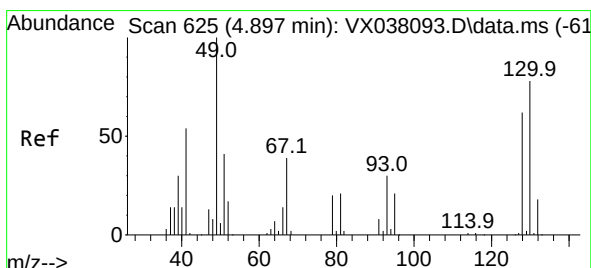
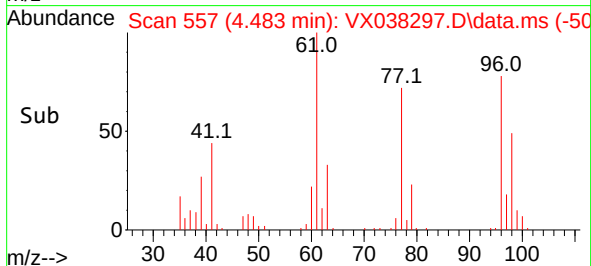
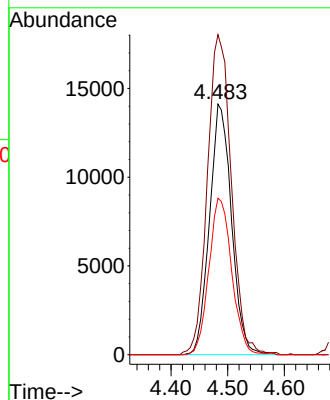
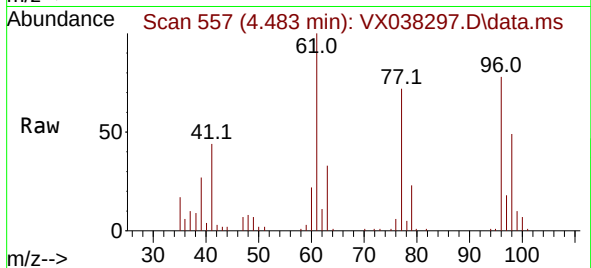
Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	312.2
98	64.8	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#28

Bromochloromethane

Concen: 19.341 ug/l

RT: 4.891 min Scan# 624

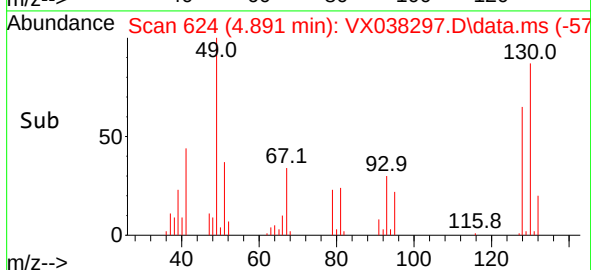
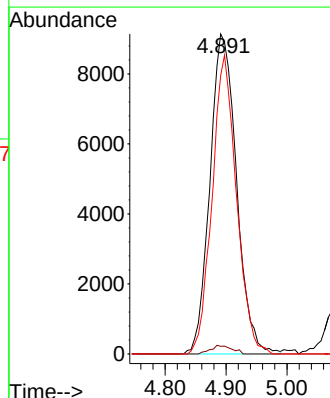
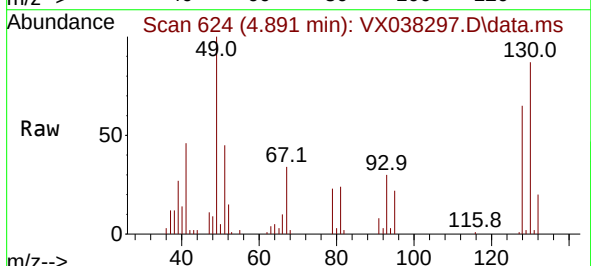
Delta R.T. -0.006 min

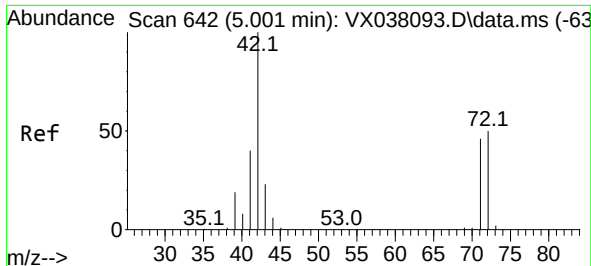
Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Tgt Ion: 49 Resp: 27715

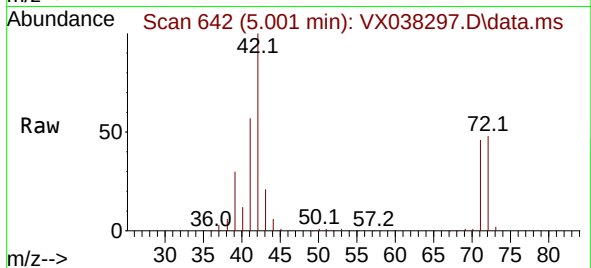
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	85.4	57.5	86.3





#29
Tetrahydrofuran
Concen: 90.240 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

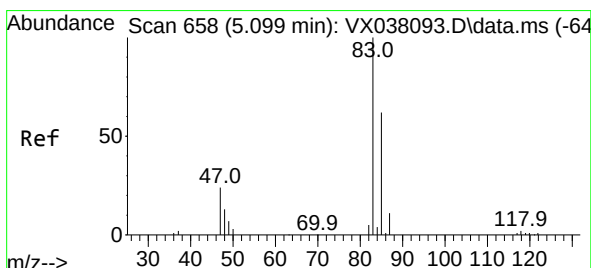
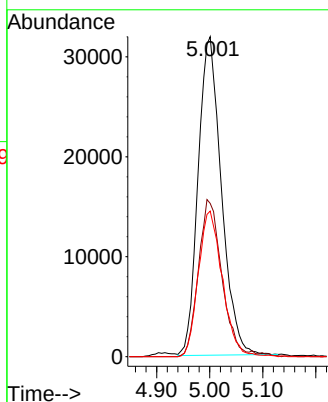
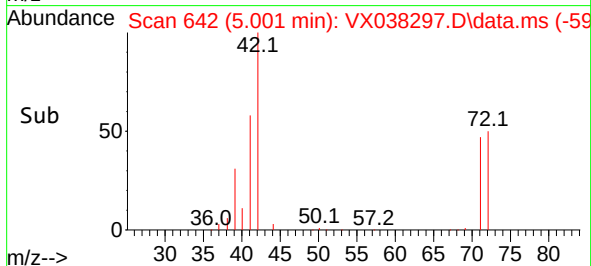
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



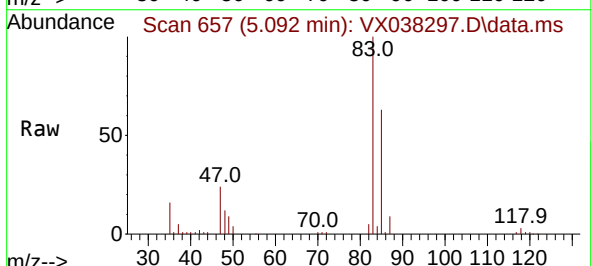
Tgt Ion: 42 Resp: 97044
Ion Ratio Lower Upper
42 100
72 49.7 34.2 51.4
71 47.2 32.2 48.2

Manual Integrations
APPROVED

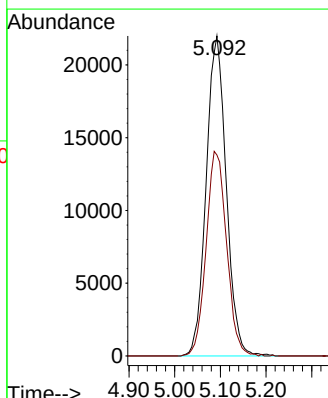
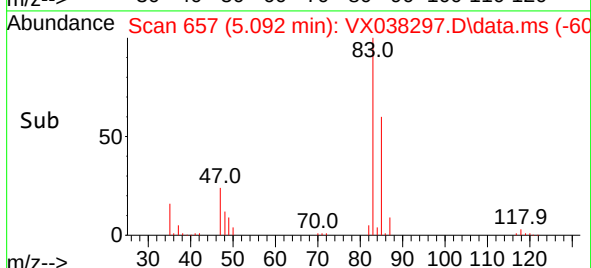
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

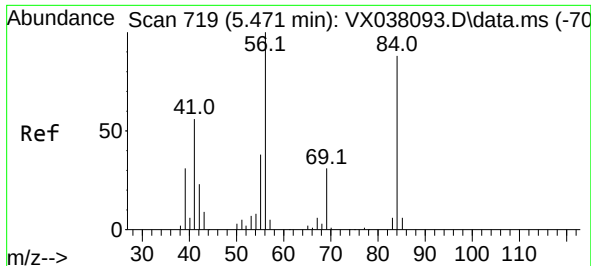


#30
Chloroform
Concen: 19.349 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.001 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27



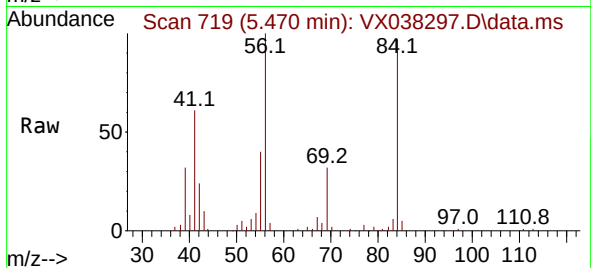
Tgt Ion: 83 Resp: 67163
Ion Ratio Lower Upper
83 100
85 62.8 50.3 75.5





#31
Cyclohexane
Concen: 17.331 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

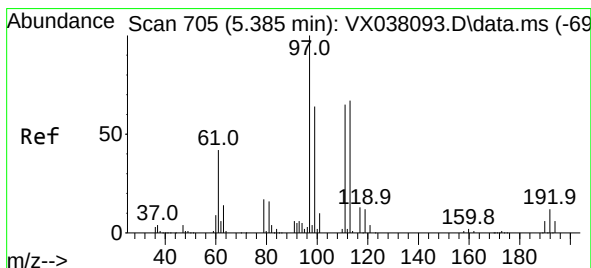
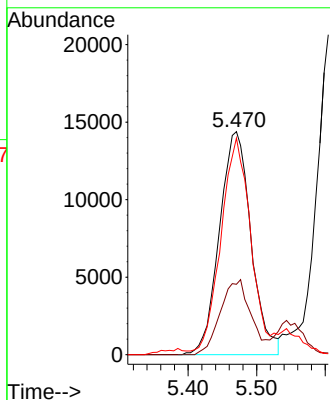
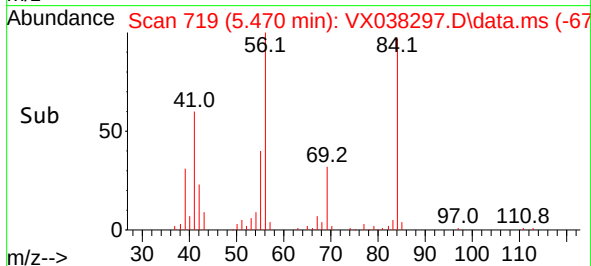
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



Tgt Ion: 56 Resp: 46058
Ion Ratio Lower Upper
56 100
69 31.6 23.4 35.2
84 94.3 65.9 98.9

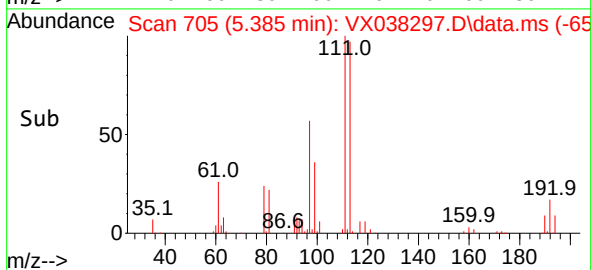
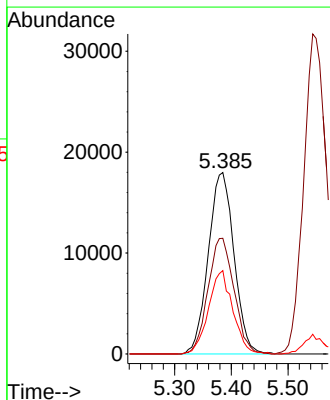
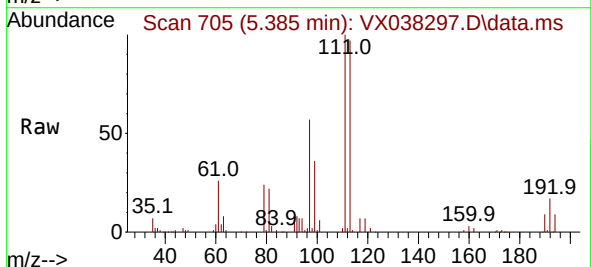
Manual Integrations
APPROVED

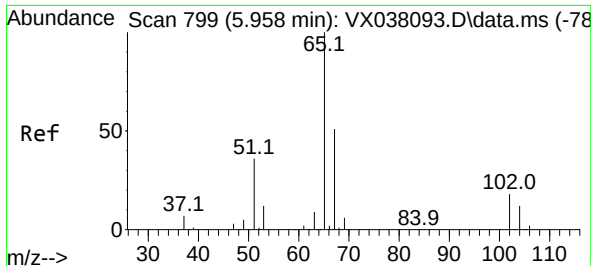
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#32
1,1,1-Trichloroethane
Concen: 19.087 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Tgt Ion: 97 Resp: 56750
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 43.4 36.4 54.6





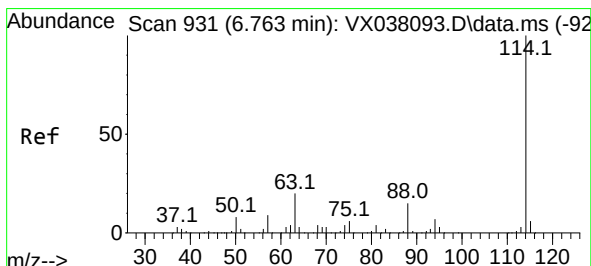
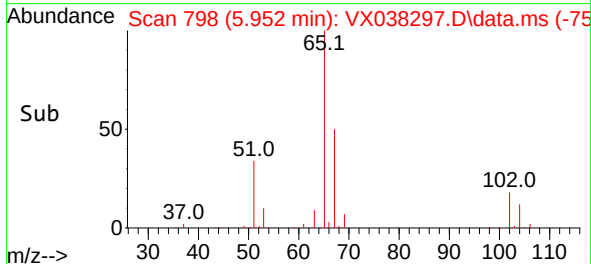
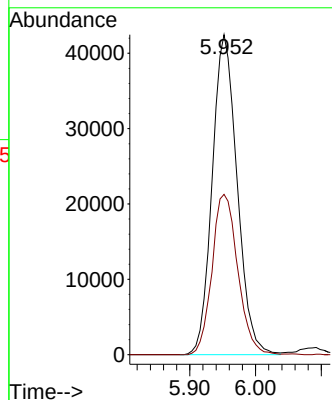
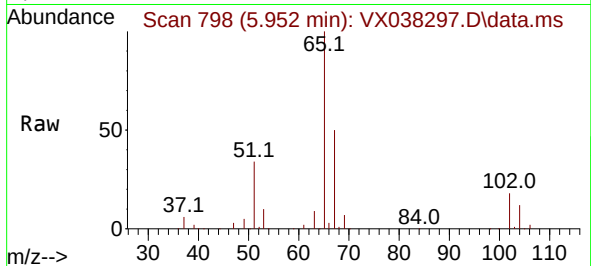
#33
1,2-Dichloroethane-d4
Concen: 45.660 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tgt Ion: 65 Resp: 112000
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

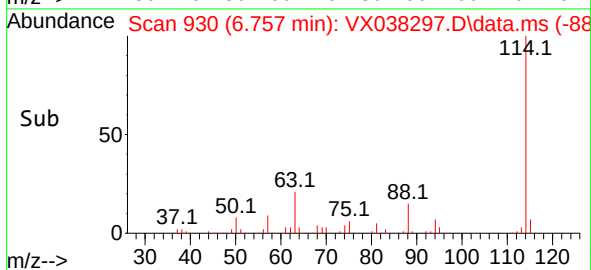
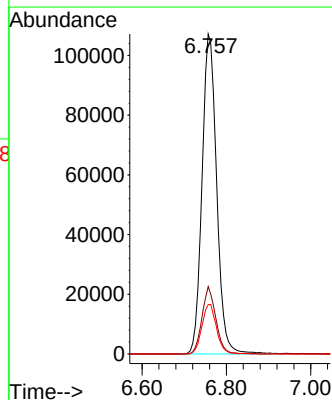
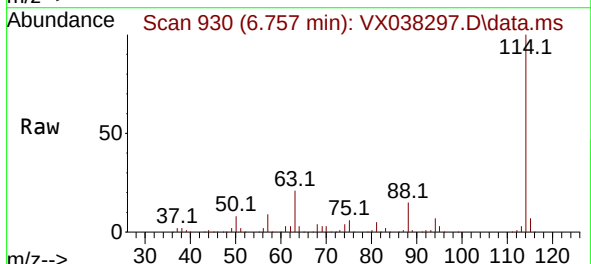
Manual Integrations
APPROVED

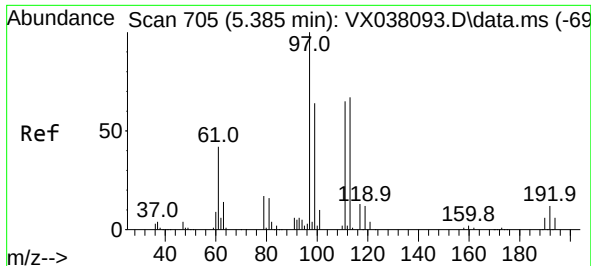
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

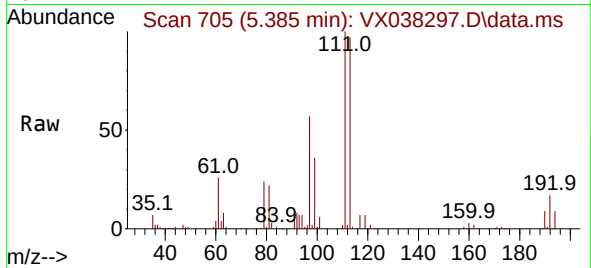
Tgt Ion:114 Resp: 259165
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 15.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.663 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

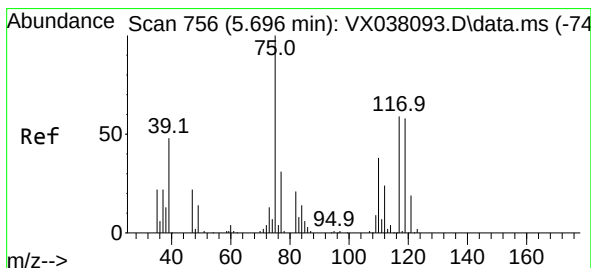
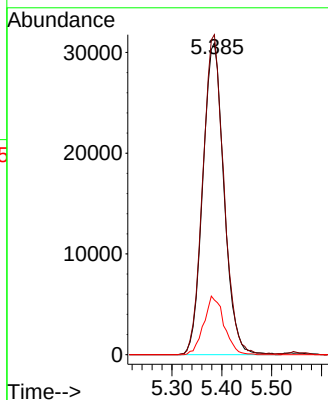
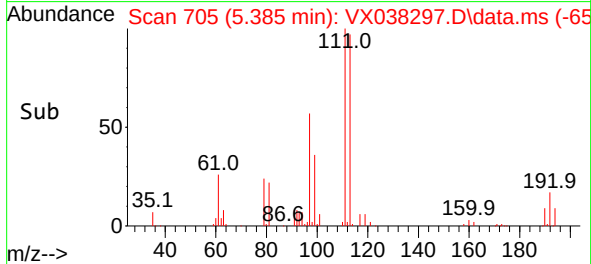
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



Tgt Ion: 113 Resp: 90870
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.1 13.3 19.9

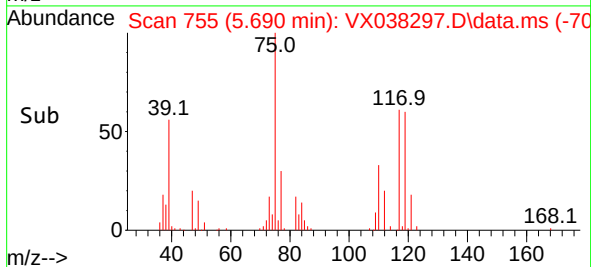
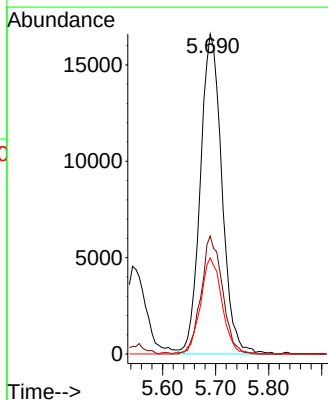
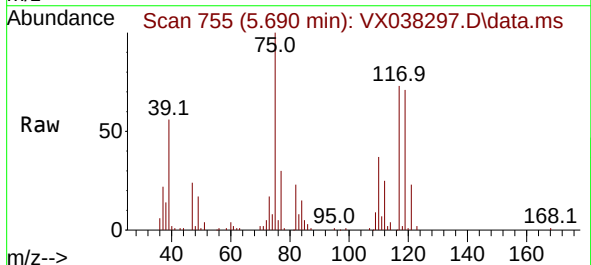
Manual Integrations
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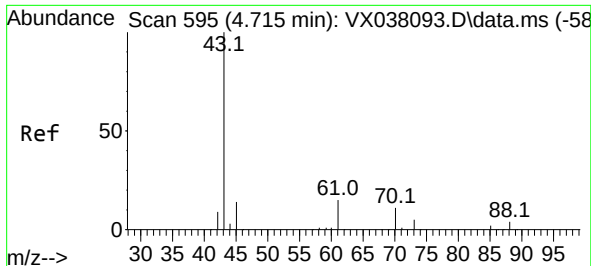
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#36
1,1-Dichloropropene
Concen: 18.197 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

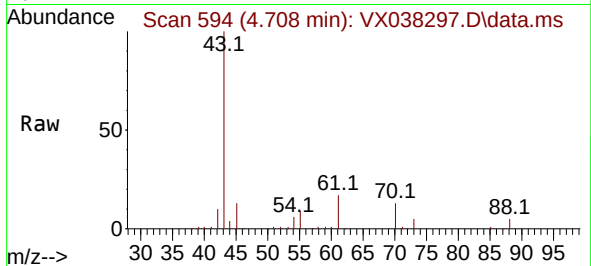
Tgt Ion: 75 Resp: 46860
Ion Ratio Lower Upper
75 100
110 36.2 17.0 50.9
77 29.9 24.7 37.1





#37
Ethyl Acetate
Concen: 18.458 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.007 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

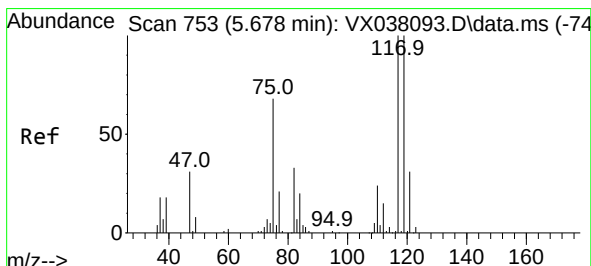
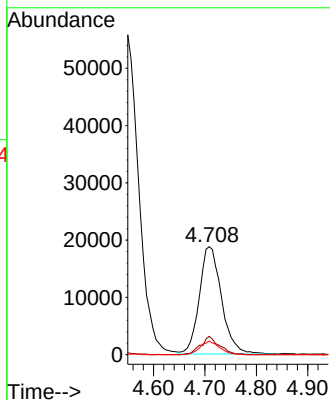
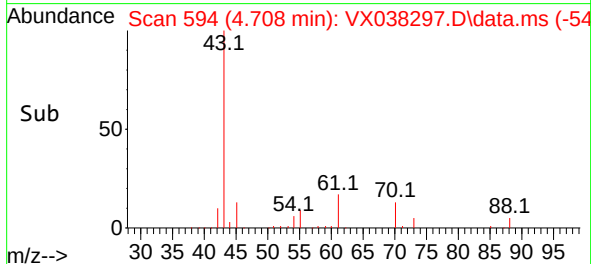
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



Tgt Ion: 43 Resp: 56452
Ion Ratio Lower Upper
43 100
61 14.4 10.6 16.0
70 11.0 8.3 12.5

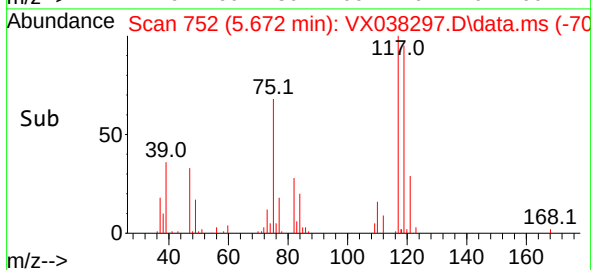
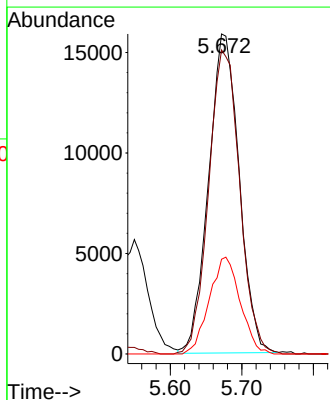
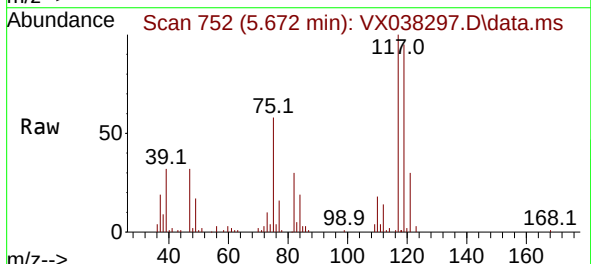
Manual Integrations
APPROVED

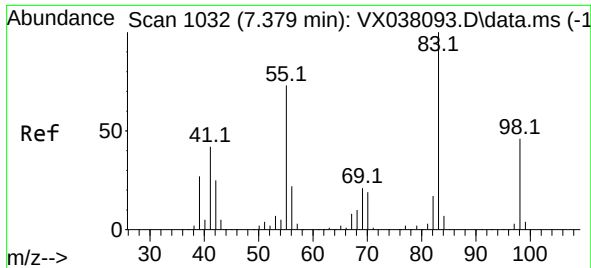
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#38
Carbon Tetrachloride
Concen: 18.587 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Tgt Ion:117 Resp: 47087
Ion Ratio Lower Upper
117 100
119 94.9 78.2 117.2
121 29.7 24.4 36.6





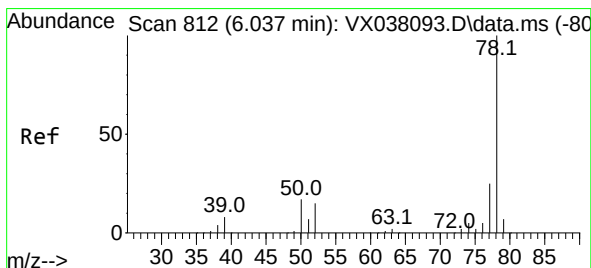
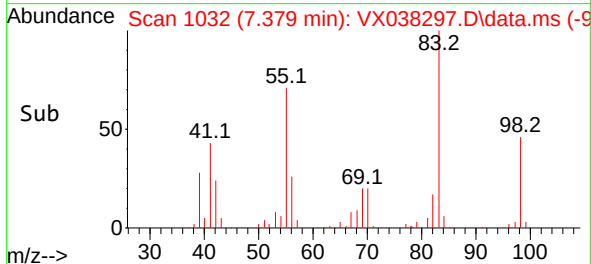
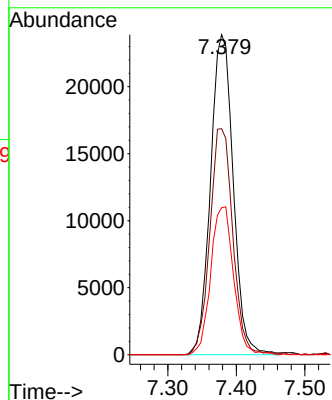
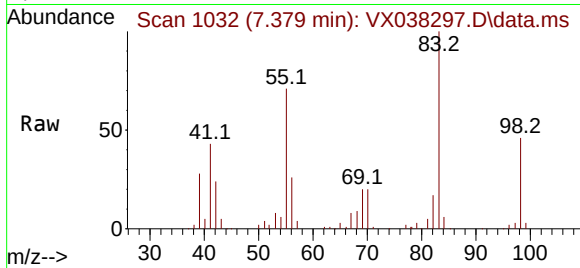
#39
Methylcyclohexane
Concen: 18.240 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tgt Ion: 83 Resp: 55018
Ion Ratio Lower Upper
83 100
55 70.6 64.6 97.0
98 46.0 36.7 55.1

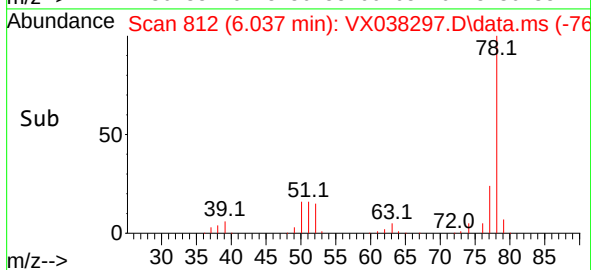
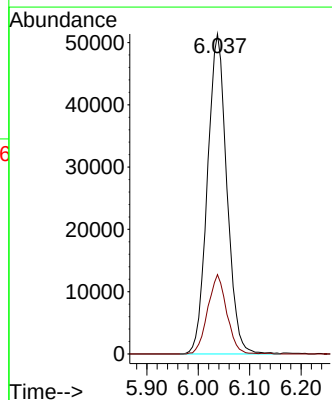
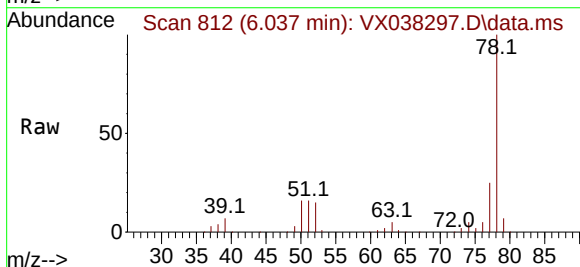
Manual Integrations
APPROVED

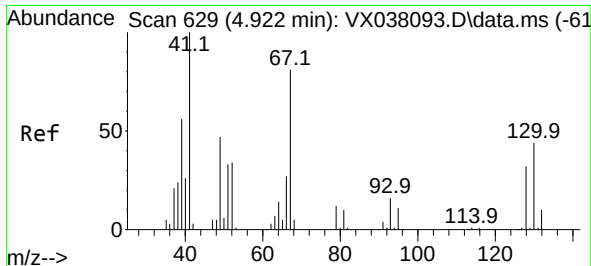
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#40
Benzene
Concen: 18.687 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

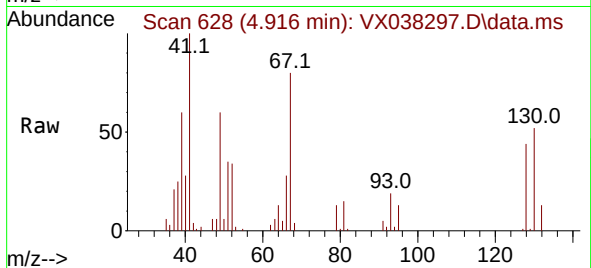
Tgt Ion: 78 Resp: 134599
Ion Ratio Lower Upper
78 100
77 24.8 19.3 28.9





#41
Methacrylonitrile
Concen: 18.371 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

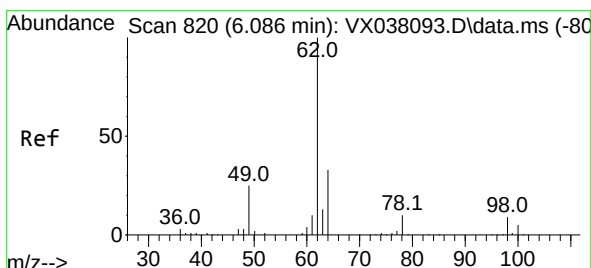
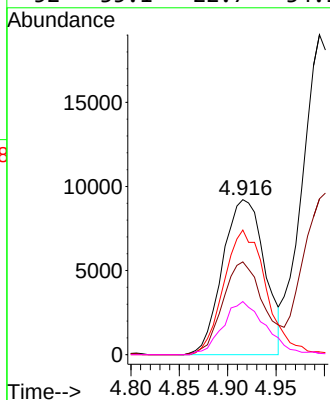
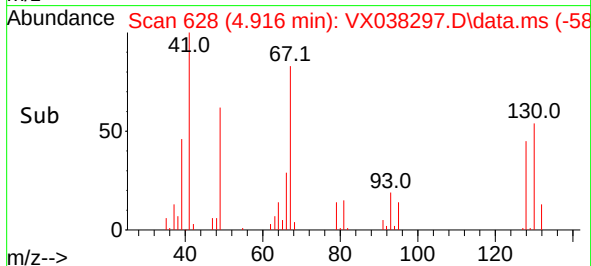
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



Tgt Ion: 41 Resp: 27950
Ion Ratio Lower Upper
41 100
39 59.2 45.2 67.8
67 81.2 52.6 78.8
52 35.1 22.7 34.1#

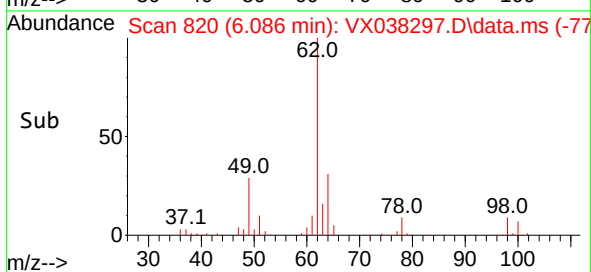
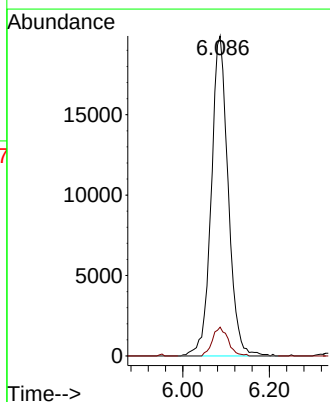
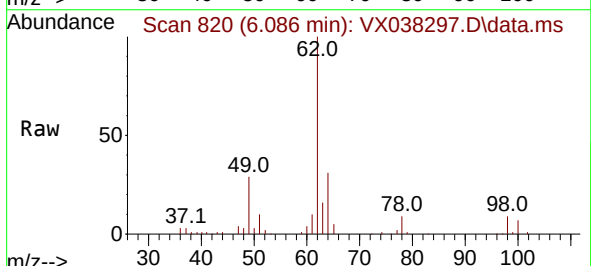
Manual Integrations
APPROVED

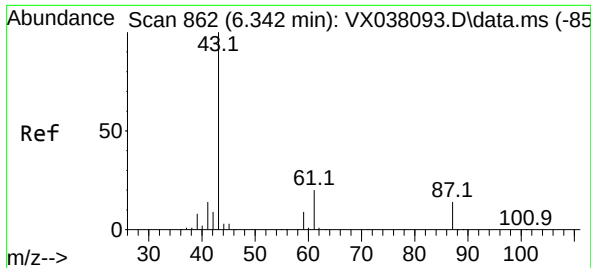
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#42
1,2-Dichloroethane
Concen: 18.740 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

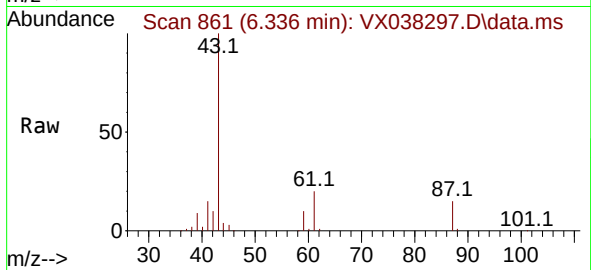
Tgt Ion: 62 Resp: 53929
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 18.176 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

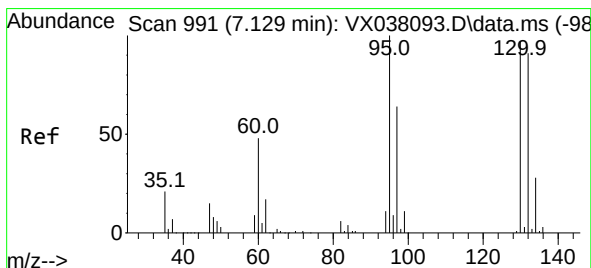
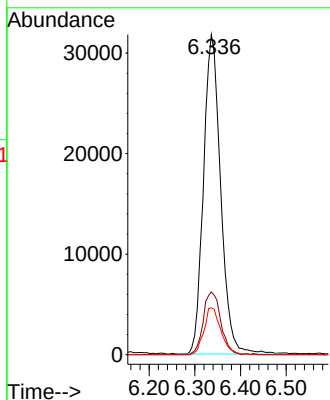
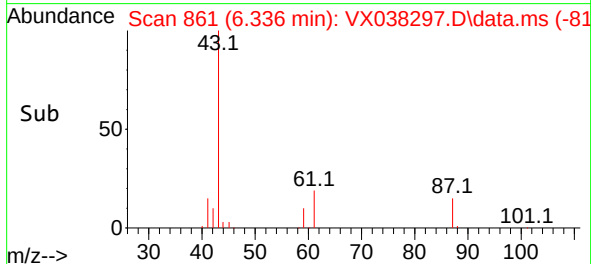
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



Tgt Ion: 43 Resp: 8298
Ion Ratio Lower Upper
43 100
61 20.0 15.2 22.8
87 14.5 9.8 14.6

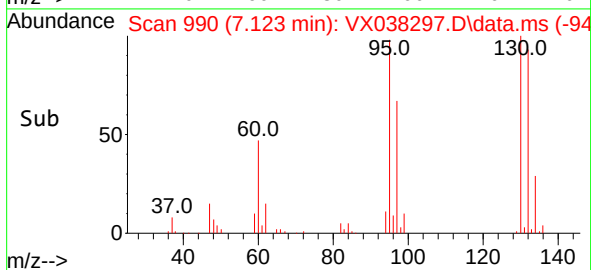
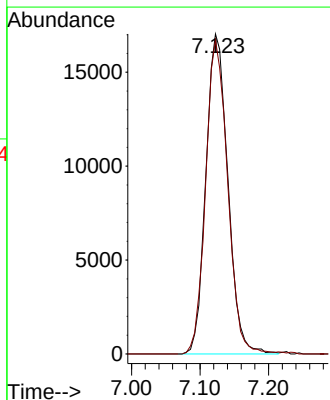
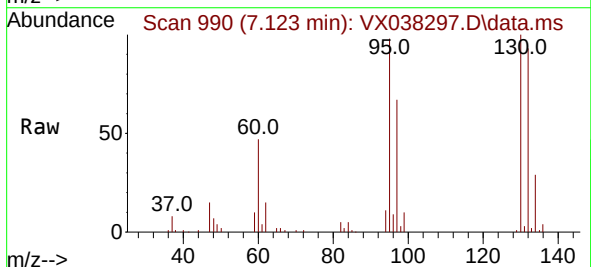
Manual Integrations
APPROVED

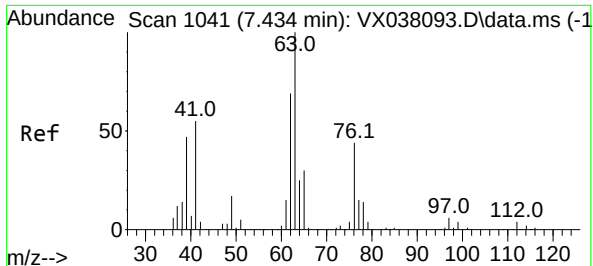
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#44
Trichloroethene
Concen: 20.217 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Tgt Ion:130 Resp: 38086
Ion Ratio Lower Upper
130 100
95 98.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 18.948 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

Tgt Ion: 63 Resp: 3532

Ion Ratio Lower Upper

63 100

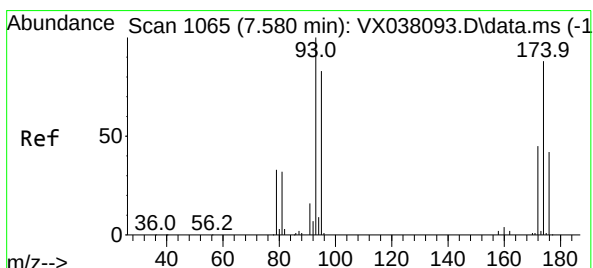
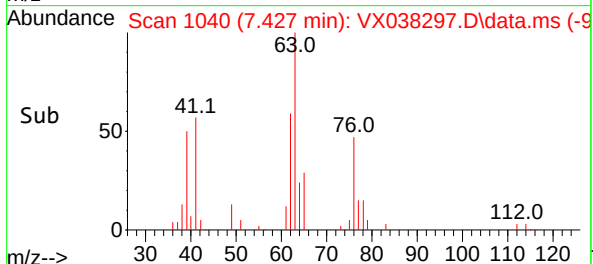
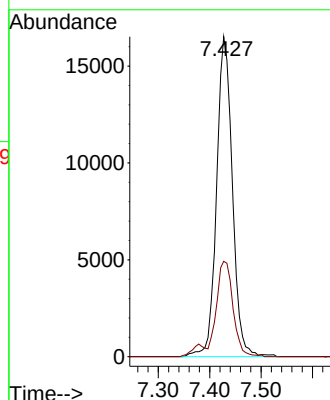
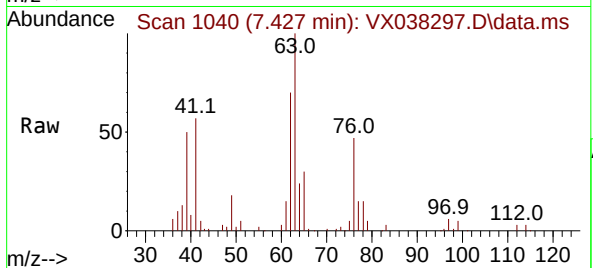
65 29.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#46

Dibromomethane

Concen: 18.878 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

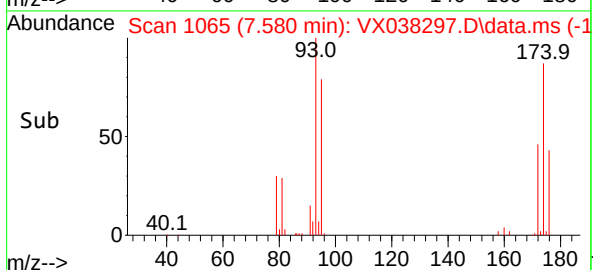
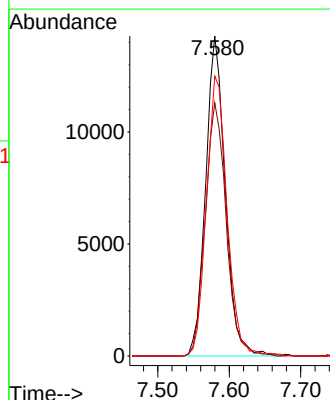
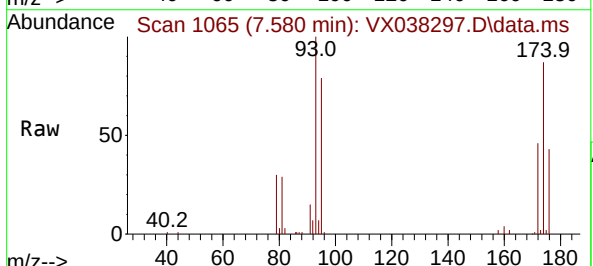
Tgt Ion: 93 Resp: 27294

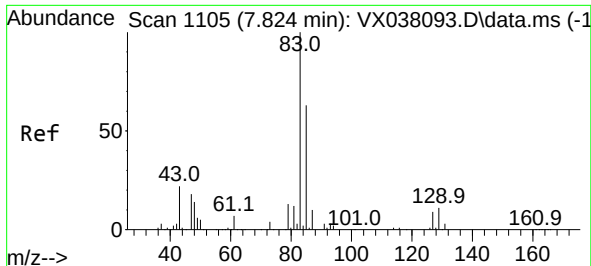
Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

174 92.2 69.4 104.0





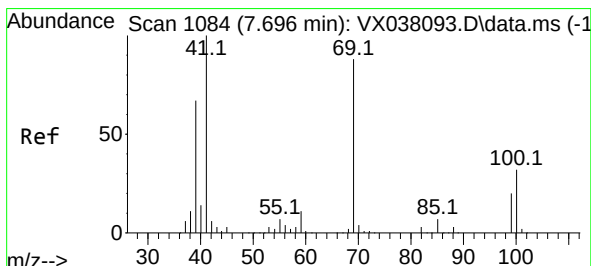
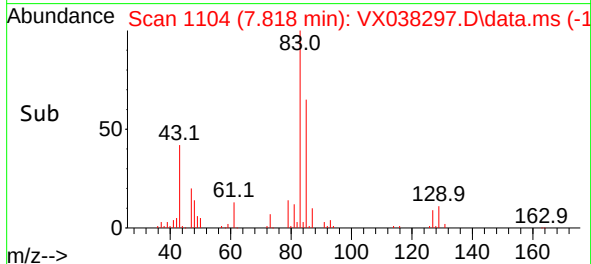
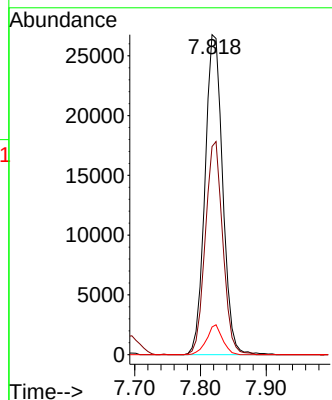
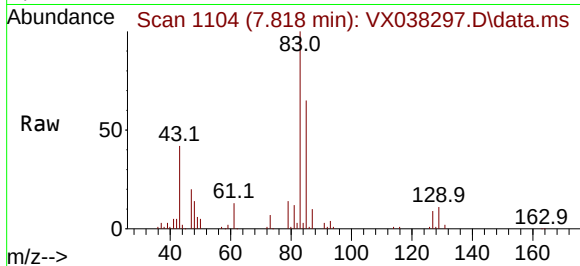
#47
Bromodichloromethane
Concen: 19.498 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tgt Ion: 83 Resp: 50150
Ion Ratio Lower Upper
83 100
85 65.0 49.8 74.6
127 8.7 7.1 10.7

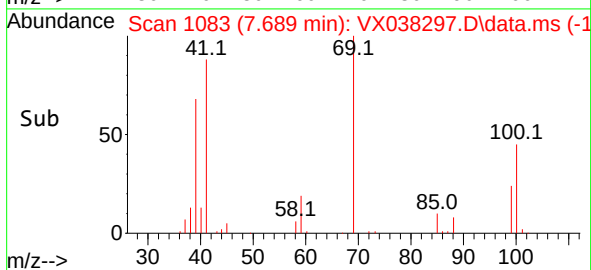
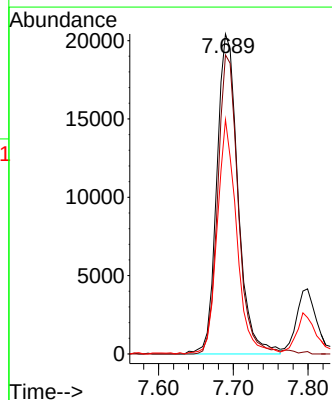
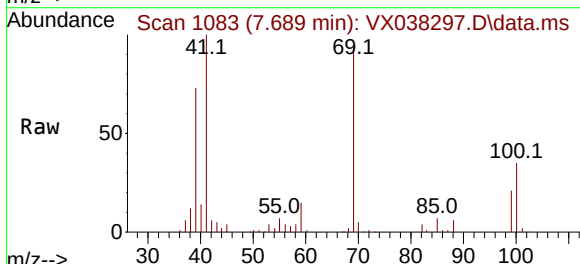
Manual Integrations
APPROVED

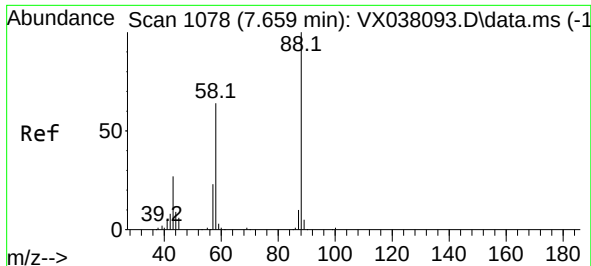
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#48
Methyl methacrylate
Concen: 18.510 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.001 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Tgt Ion: 41 Resp: 40344
Ion Ratio Lower Upper
41 100
69 90.3 59.2 88.8#
39 67.4 47.7 71.5





#49

1,4-Dioxane

Concen: 387.382 ug/l

RT: 7.653 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

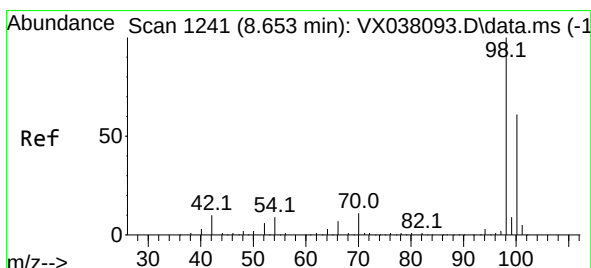
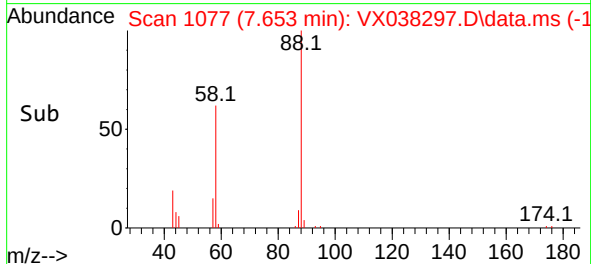
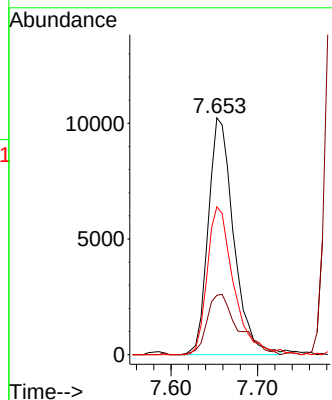
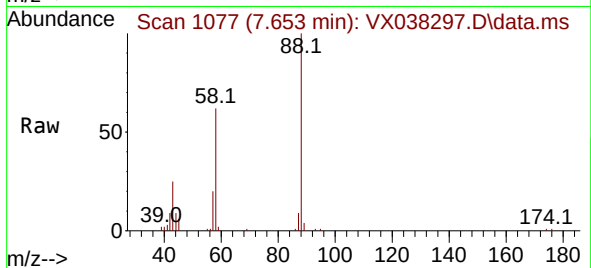
Tgt Ion: 88 Resp: 20800
 Ion Ratio Lower Upper
 88 100
 43 31.5 0.0 0.0
 58 65.4 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#50

Toluene-d8

Concen: 47.947 ug/l

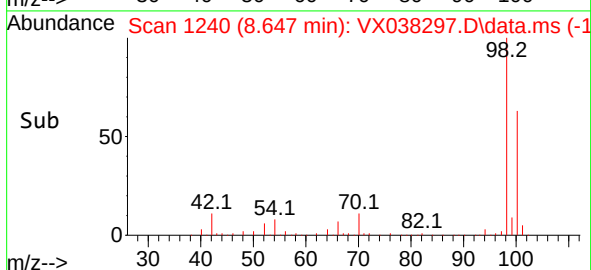
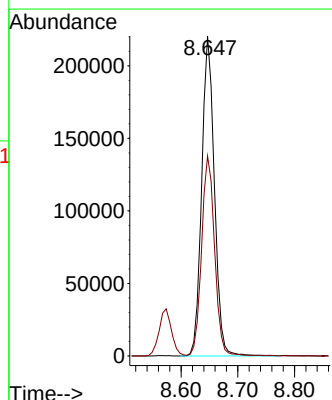
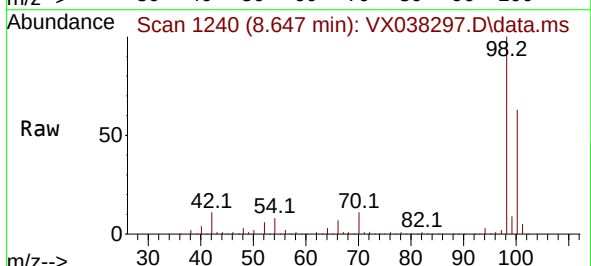
RT: 8.647 min Scan# 1240

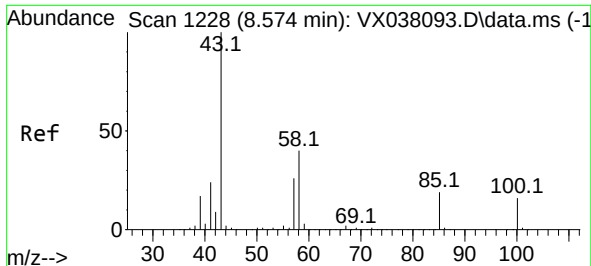
Delta R.T. -0.006 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Tgt Ion: 98 Resp: 342150
 Ion Ratio Lower Upper
 98 100
 100 64.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 96.548 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.001 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

Tgt Ion: 43 Resp: 304048

Ion Ratio Lower Upper

43 100

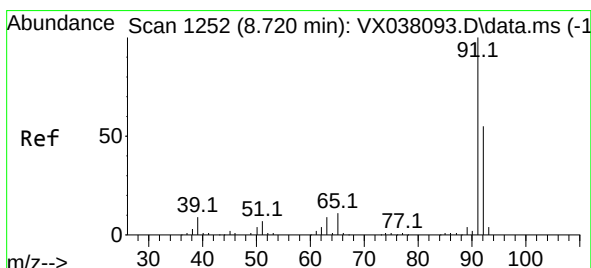
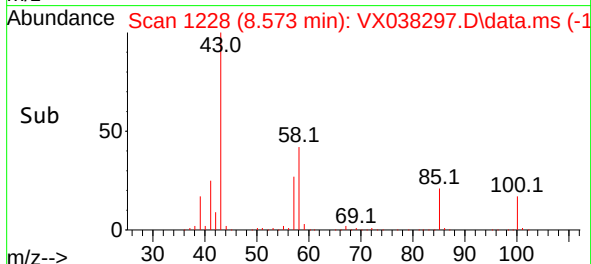
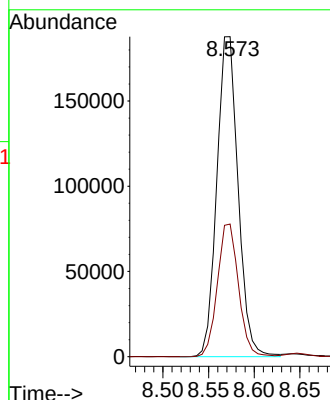
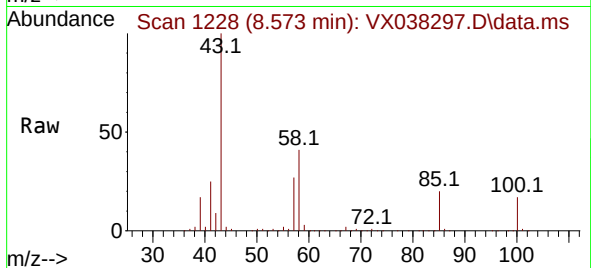
58 41.2 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#52

Toluene

Concen: 19.619 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX038297.D

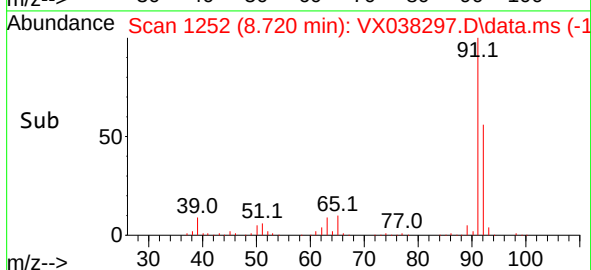
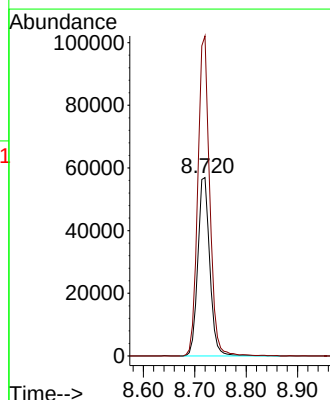
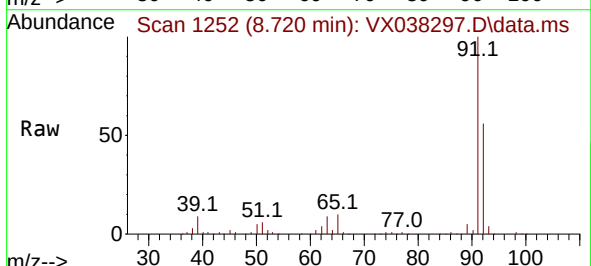
Acq: 16 Oct 2023 12:27

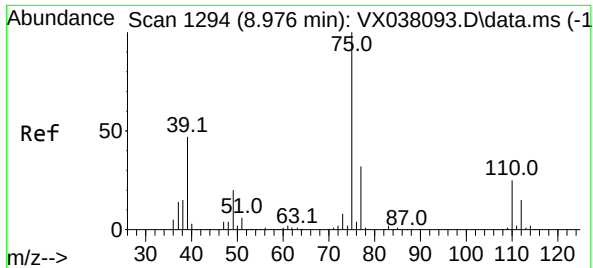
Tgt Ion: 92 Resp: 92047

Ion Ratio Lower Upper

92 100

91 177.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 18.678 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

Tgt Ion: 75 Resp: 5156

Ion Ratio Lower Upper

75 100

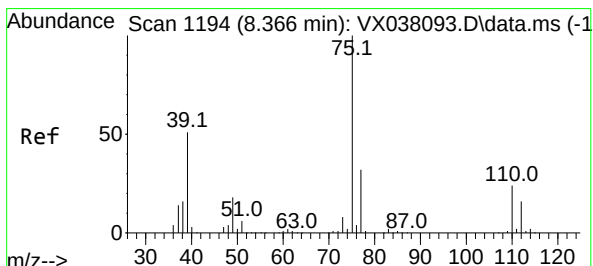
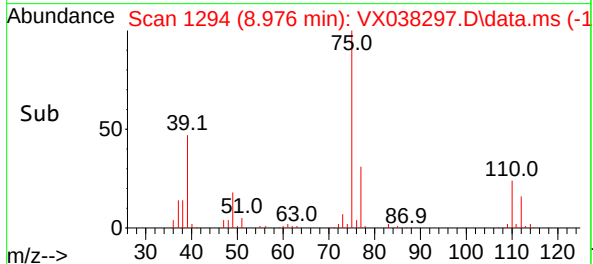
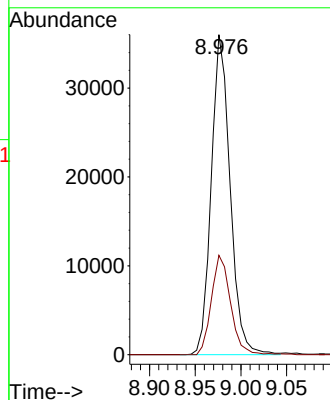
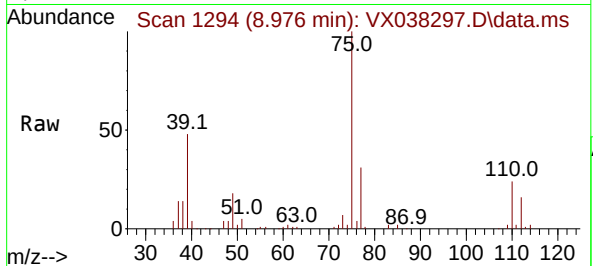
77 31.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#54

cis-1,3-Dichloropropene

Concen: 18.861 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

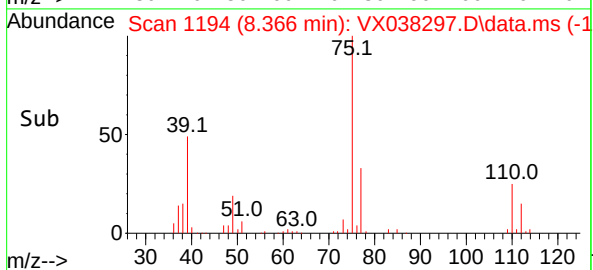
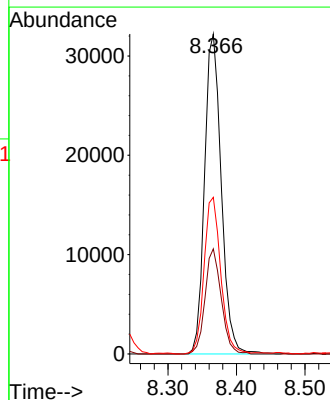
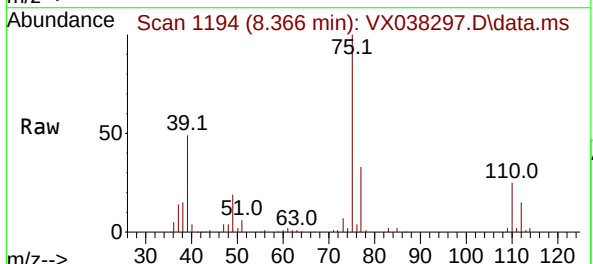
Tgt Ion: 75 Resp: 54710

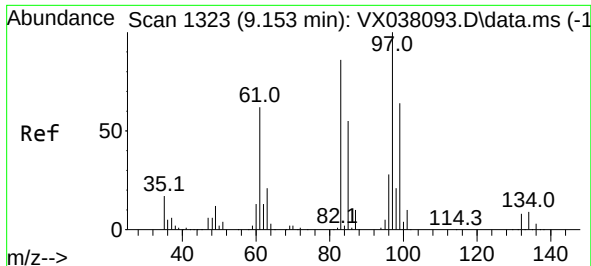
Ion Ratio Lower Upper

75 100

77 32.9 25.3 37.9

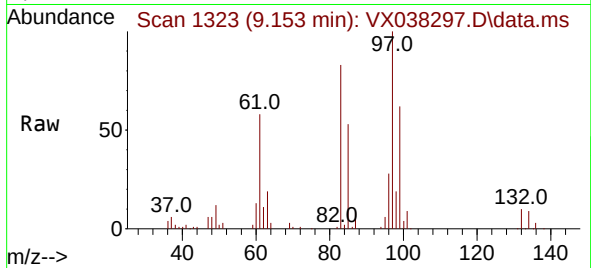
39 49.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.183 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

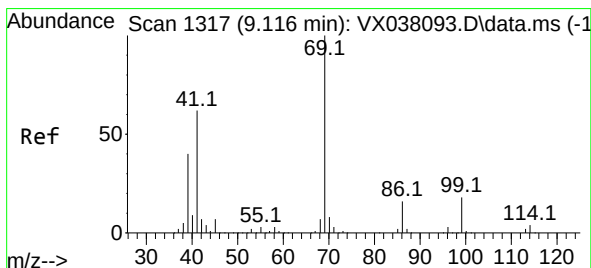
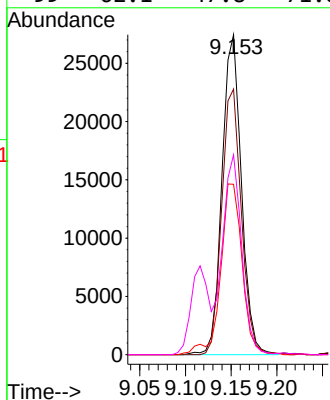
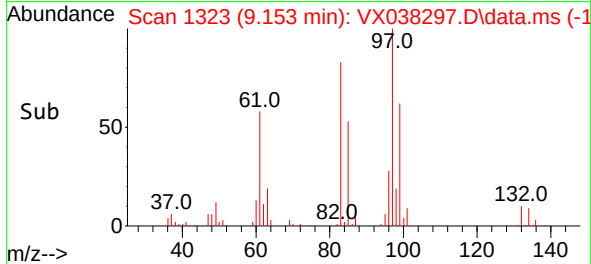
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.0	65.8	98.8
85	53.3	41.6	62.4
99	62.1	47.8	71.8

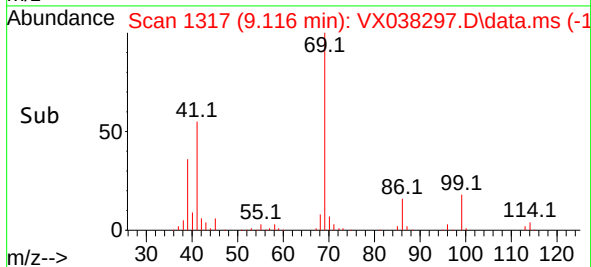
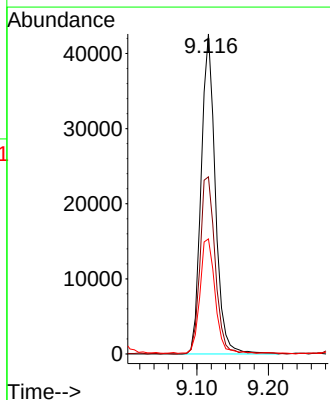
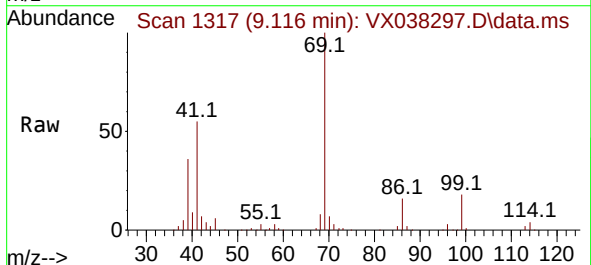
Manual Integrations
APPROVED

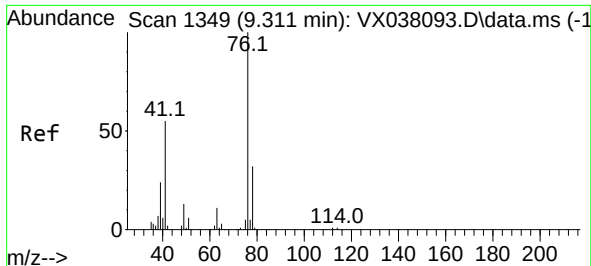
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#56
Ethyl methacrylate
Concen: 19.089 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.7	56.8	85.2
39	38.2	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.846 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

Tgt Ion: 76 Resp: 6441

Ion Ratio Lower Upper

76 100

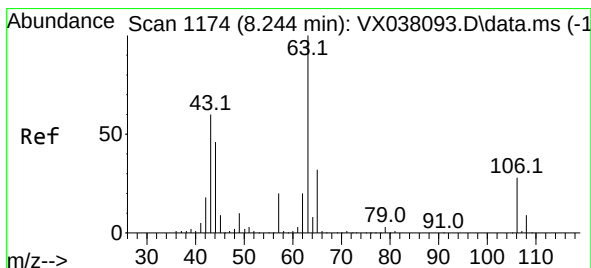
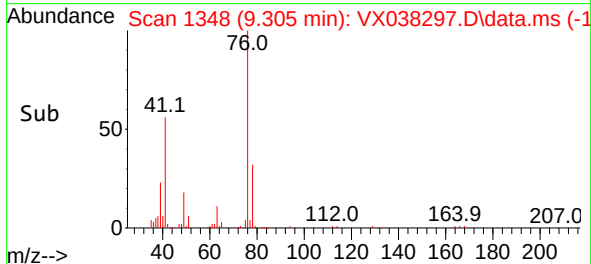
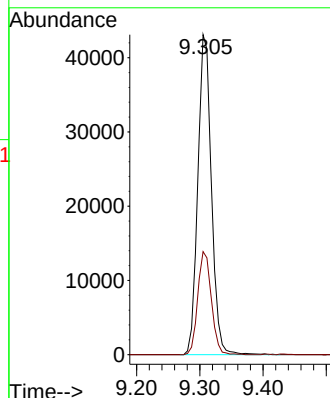
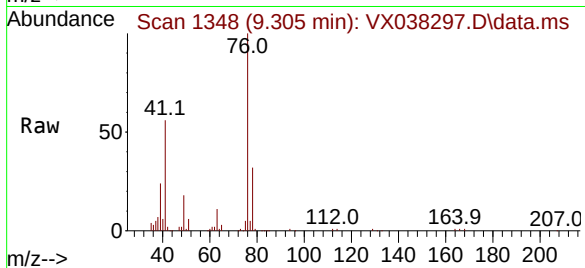
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 91.823 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038297.D

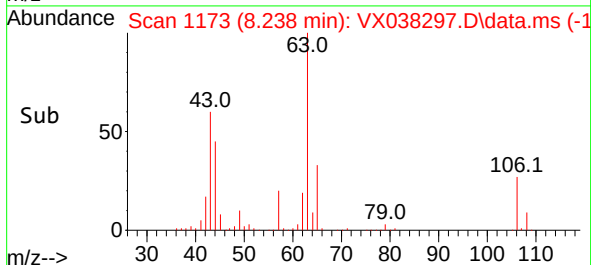
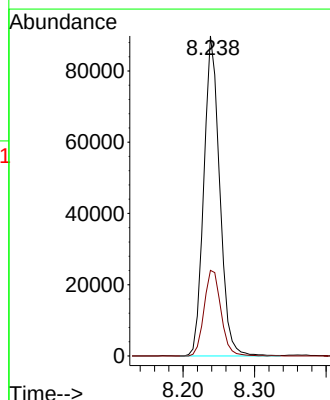
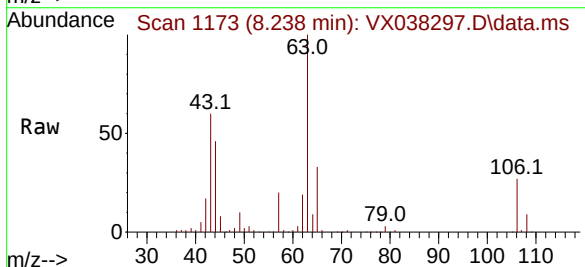
Acq: 16 Oct 2023 12:27

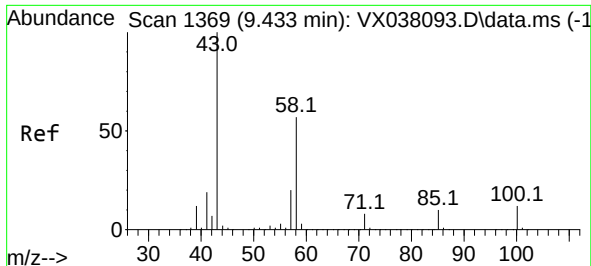
Tgt Ion: 63 Resp: 138683

Ion Ratio Lower Upper

63 100

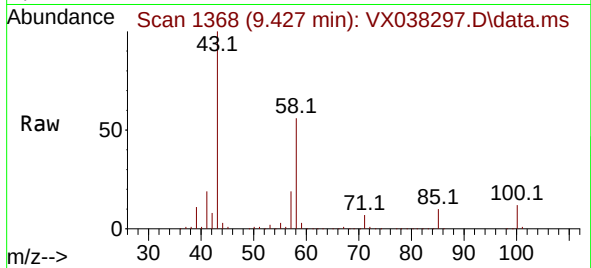
106 28.4 22.5 33.7





#59
2-Hexanone
Concen: 98.534 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

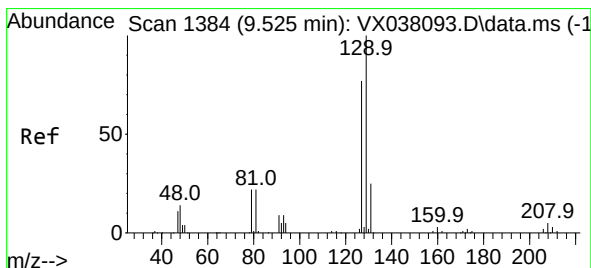
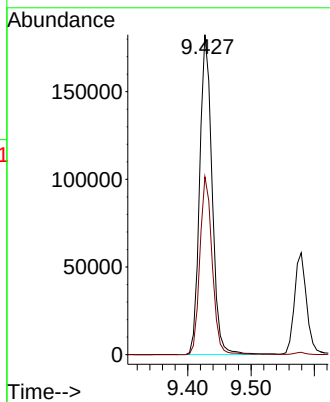
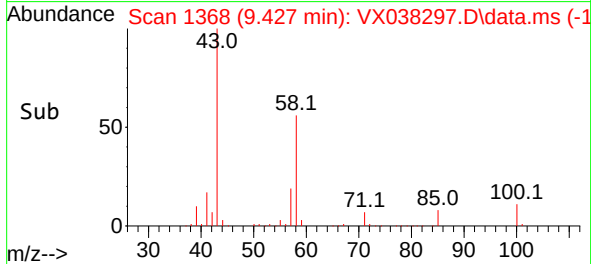
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



Tgt Ion: 43 Resp: 24946
Ion Ratio Lower Upper
43 100
58 55.3 26.2 78.5

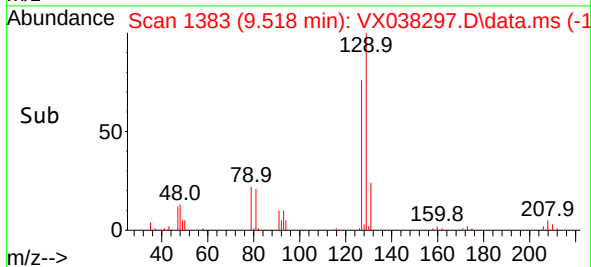
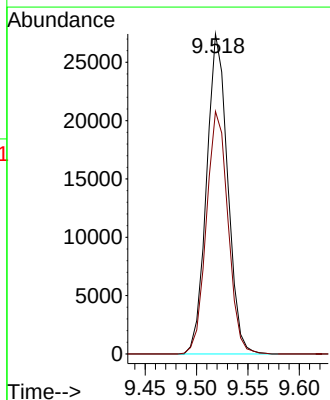
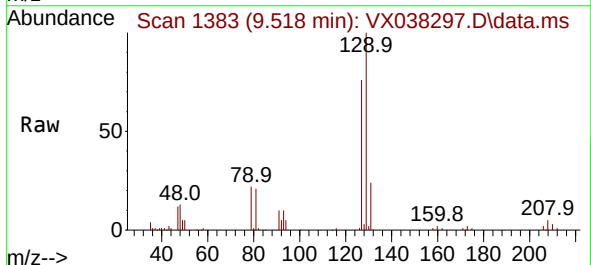
Manual Integrations
APPROVED

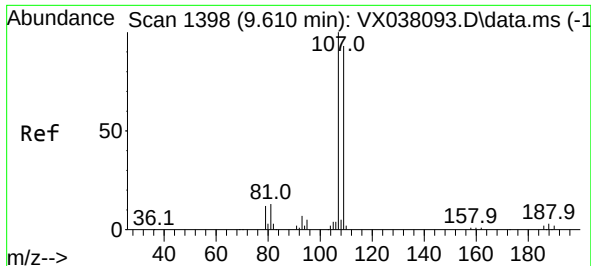
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#60
Dibromochloromethane
Concen: 19.873 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.007 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

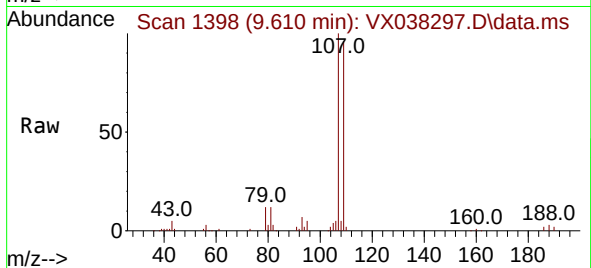
Tgt Ion:129 Resp: 39032
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.007 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

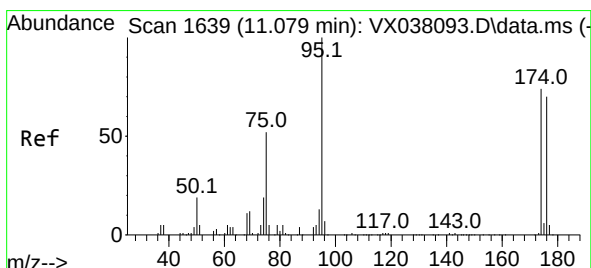
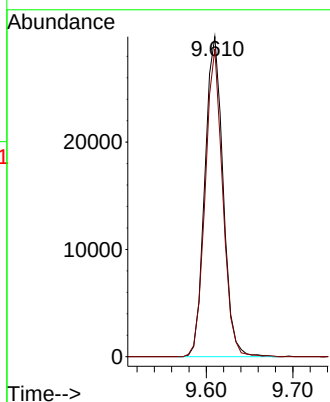
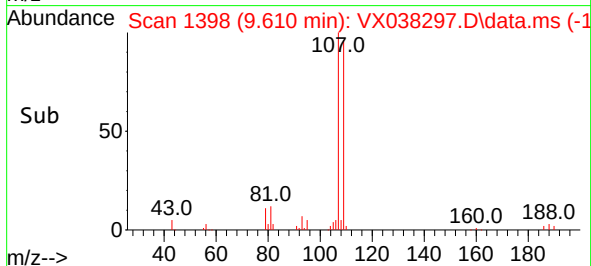
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



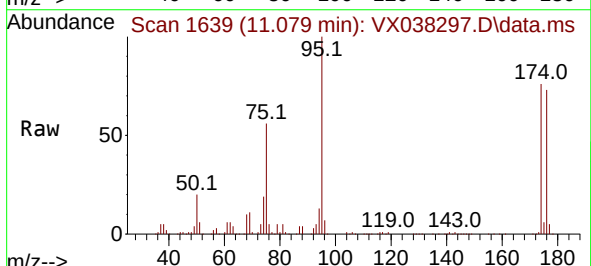
Tgt Ion:107 Resp: 43419
Ion Ratio Lower Upper
107 100
109 92.7 75.2 112.8

Manual Integrations
APPROVED

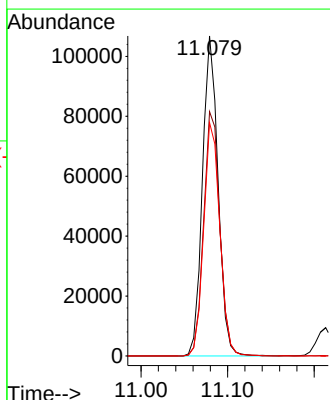
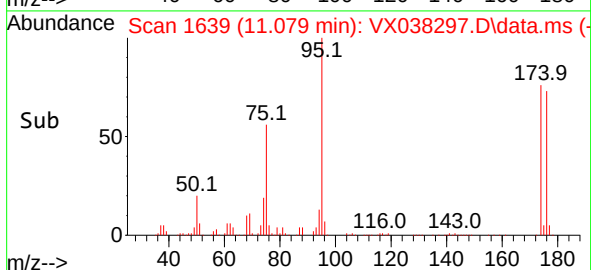
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

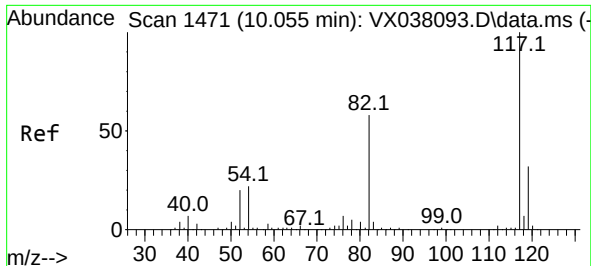


#62
4-Bromofluorobenzene
Concen: 49.389 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27



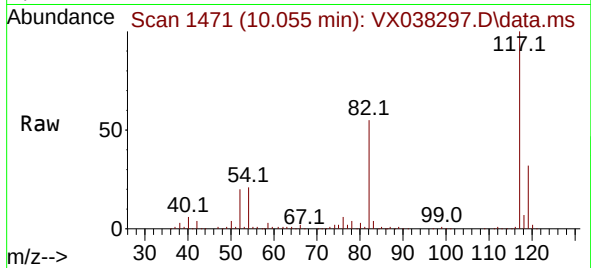
Tgt Ion: 95 Resp: 133613
Ion Ratio Lower Upper
95 100
174 79.3 0.0 135.6
176 75.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

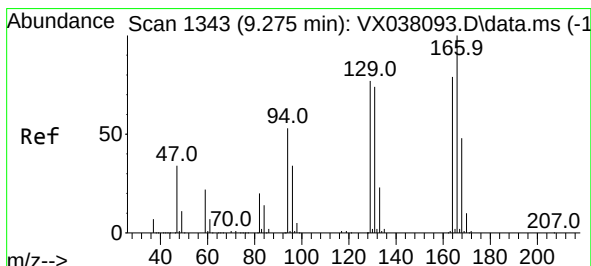
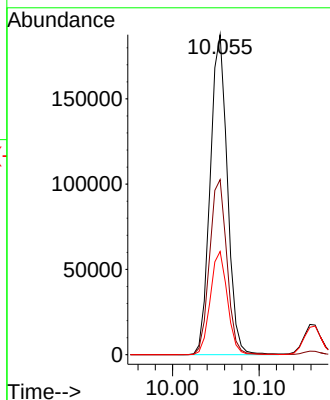
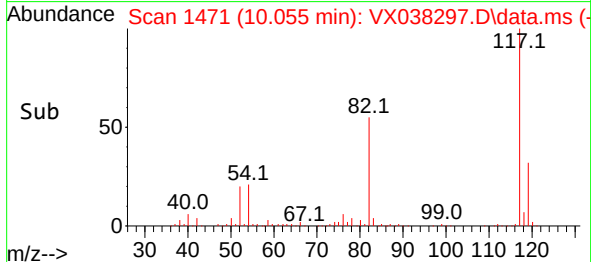
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



Tgt Ion:117 Resp: 258289
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.2 25.5 38.3

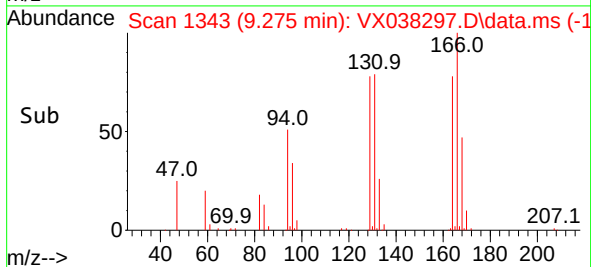
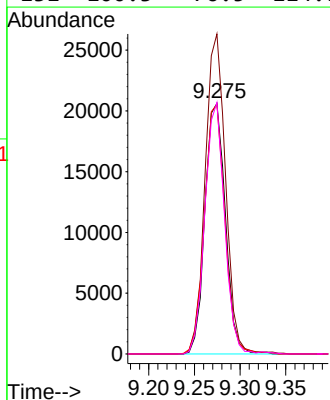
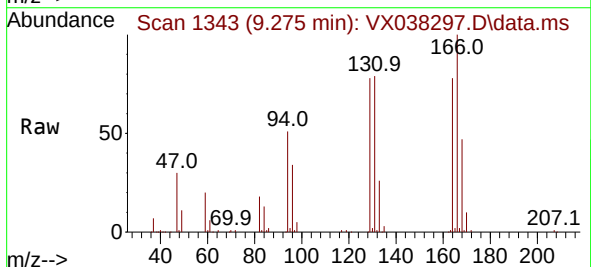
Manual Integrations
APPROVED

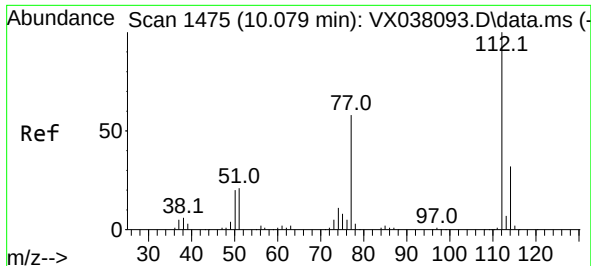
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#64
Tetrachloroethene
Concen: 19.178 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

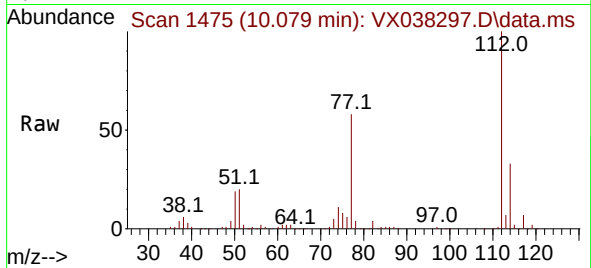
Tgt Ion:164 Resp: 32067
Ion Ratio Lower Upper
164 100
166 127.7 102.7 154.1
129 99.5 80.4 120.6
131 100.3 76.5 114.7





#65
Chlorobenzene
Concen: 19.208 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

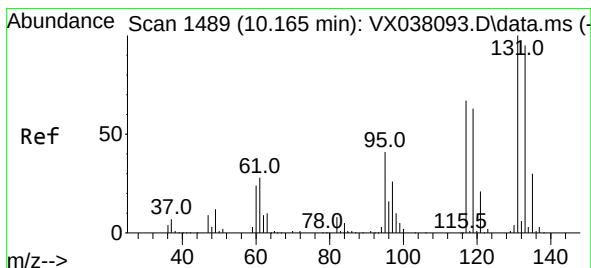
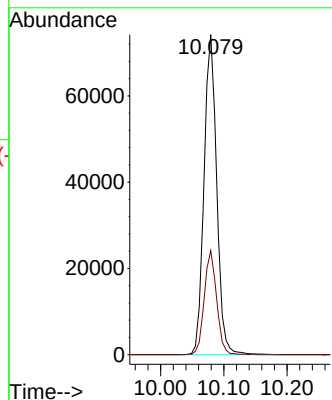
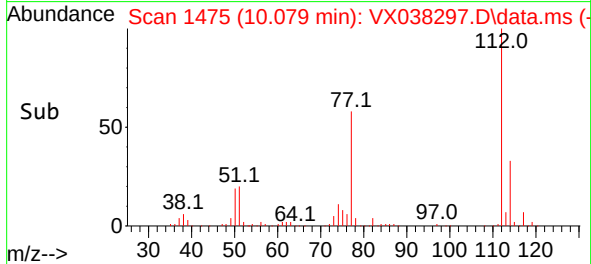
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



Tgt Ion:112 Resp: 10381
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

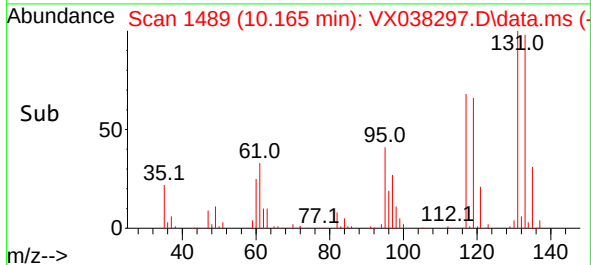
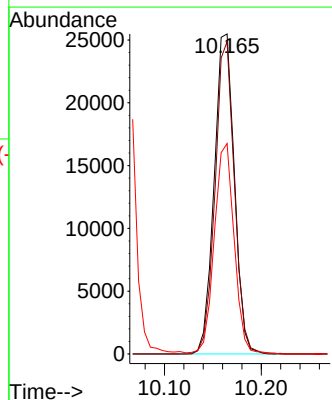
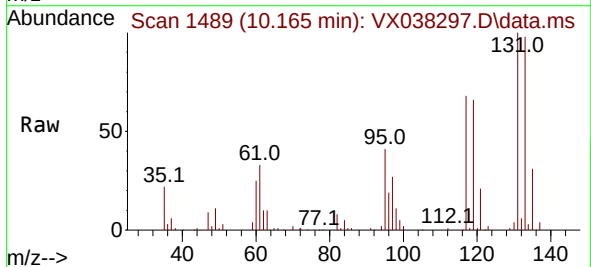
Manual Integrations
APPROVED

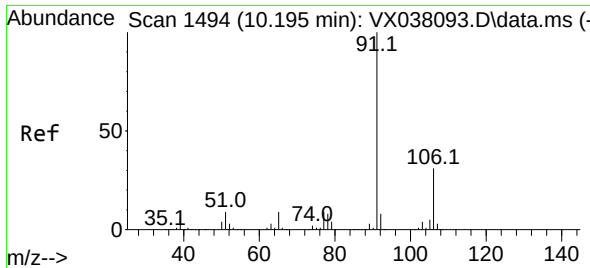
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.234 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

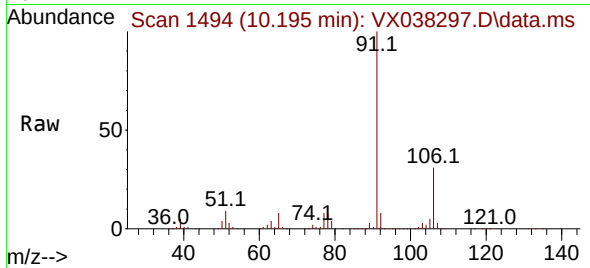
Tgt Ion:131 Resp: 36980
Ion Ratio Lower Upper
131 100
133 93.2 47.1 141.4
119 64.6 32.2 96.6





#67
Ethyl Benzene
Concen: 19.156 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

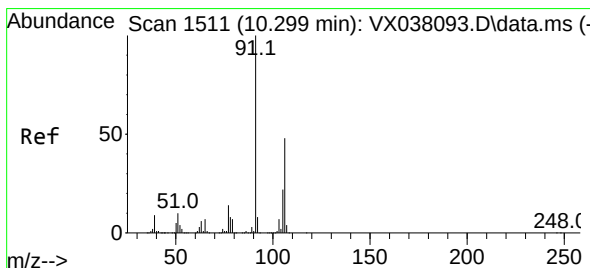
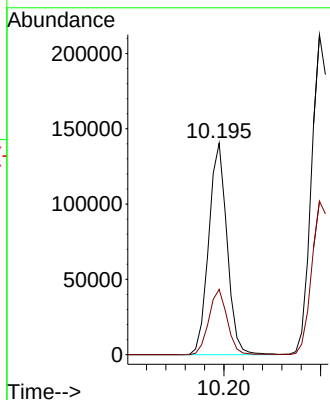
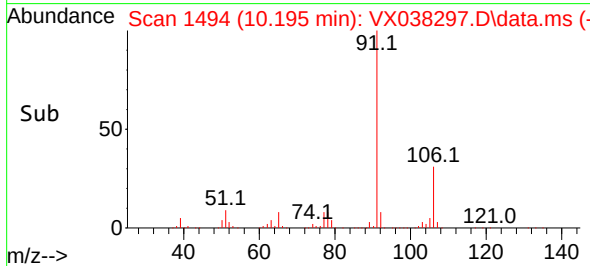
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



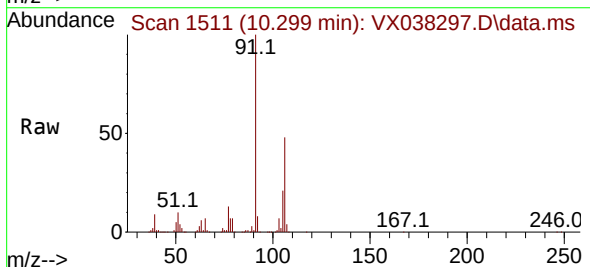
Tgt Ion: 91 Resp: 184800
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

Manual Integrations
APPROVED

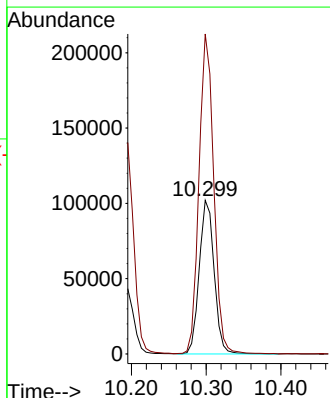
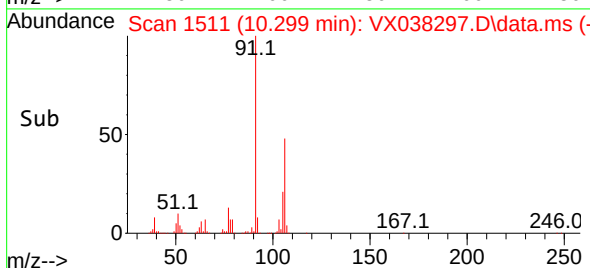
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

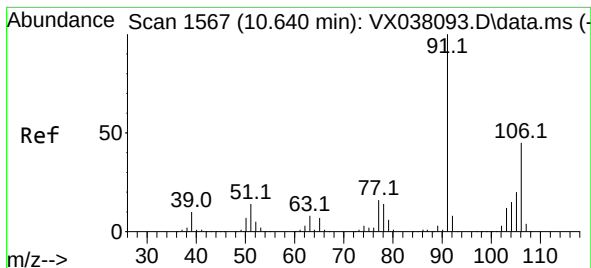


#68
m/p-Xylenes
Concen: 37.852 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27



Tgt Ion:106 Resp: 141203
Ion Ratio Lower Upper
106 100
91 205.8 165.5 248.3





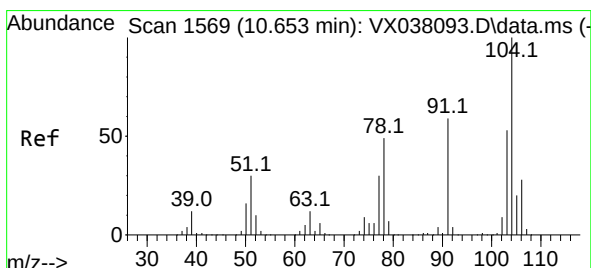
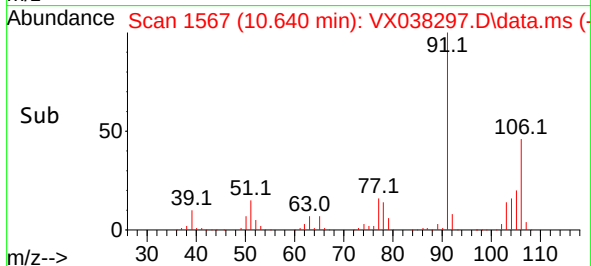
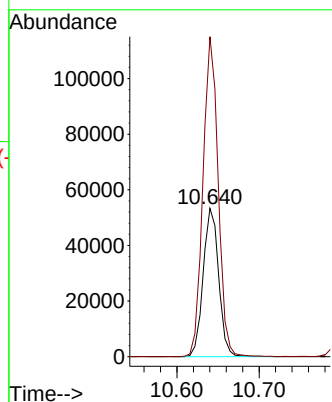
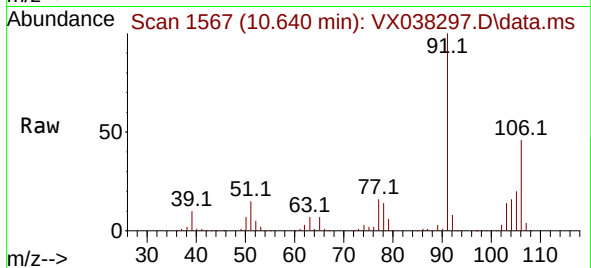
#69
o-Xylene
Concen: 19.211 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tgt Ion:106 Resp: 6994
Ion Ratio Lower Upper
106 100
91 211.8 108.9 326.8

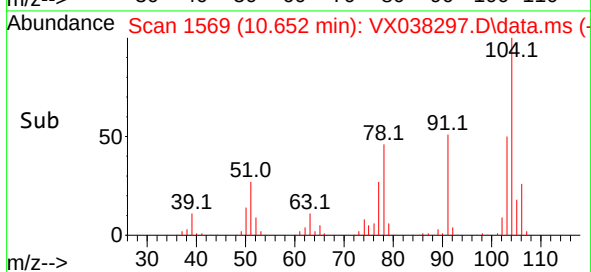
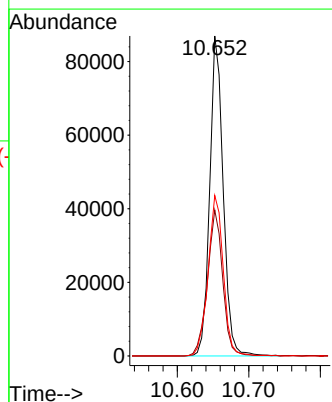
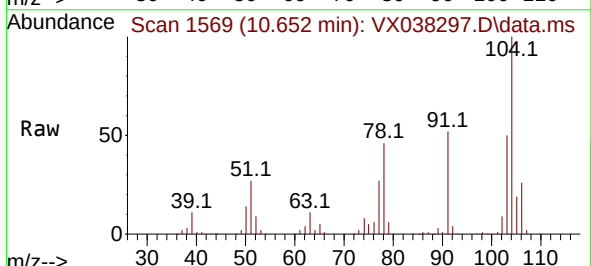
Manual Integrations
APPROVED

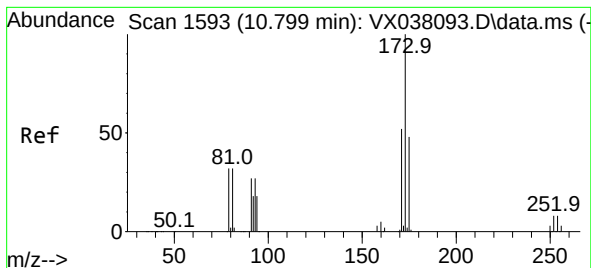
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#70
Styrene
Concen: 19.226 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Tgt Ion:104 Resp: 113993
Ion Ratio Lower Upper
104 100
78 51.7 43.6 65.4
103 56.5 43.6 65.4





#71

Bromoform

Concen: 18.957 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

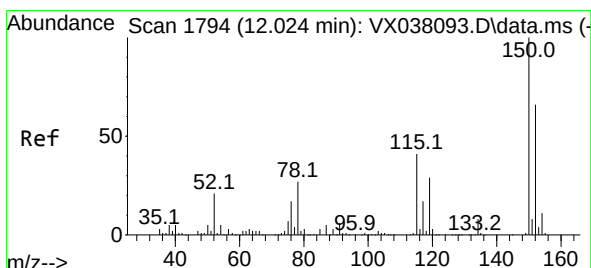
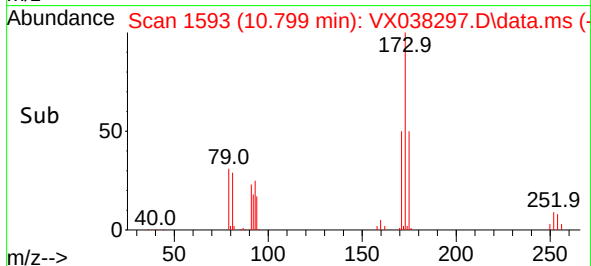
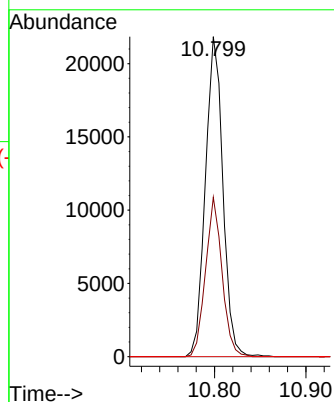
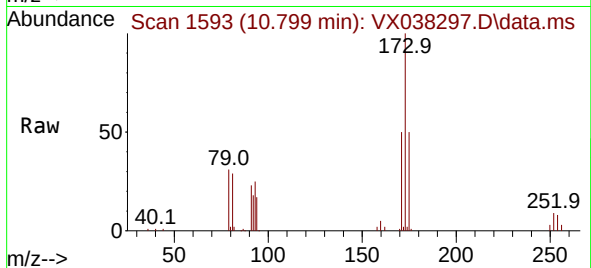
Tgt Ion:173	Resp:	2894
Ion Ratio	Lower	Upper
173	100	
175	47.1	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

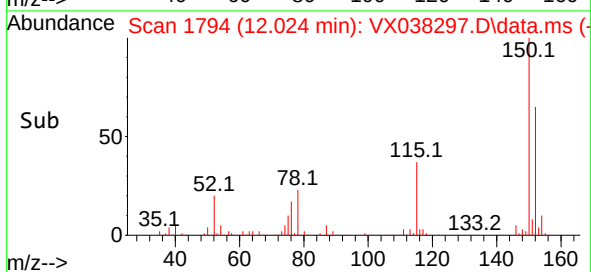
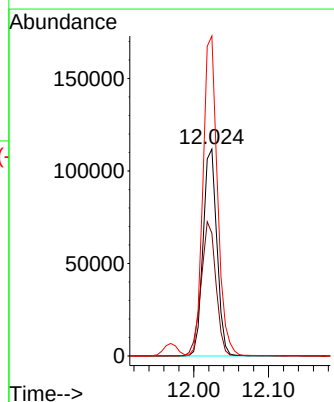
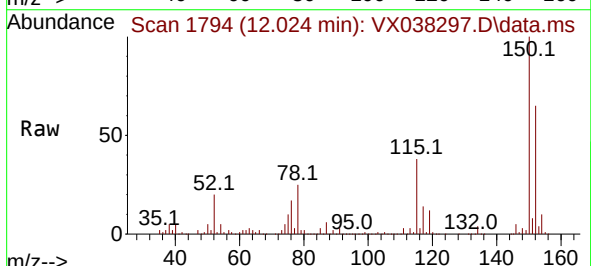
RT: 12.024 min Scan# 1794

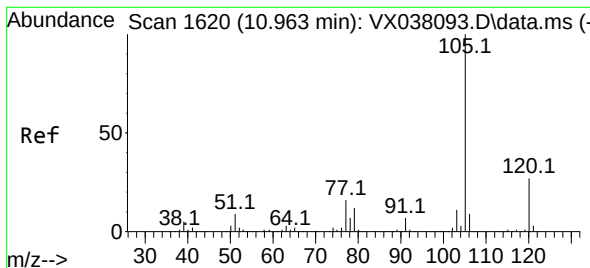
Delta R.T. 0.000 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Tgt Ion:152	Resp:	143810
Ion Ratio	Lower	Upper
152	100	
115	69.8	43.3 129.9
150	161.9	0.0 345.0





#73

Isopropylbenzene

Concen: 19.023 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

Tgt Ion:105 Resp: 18346

Ion Ratio Lower Upper

105 100

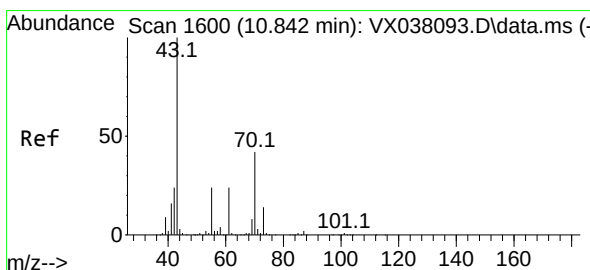
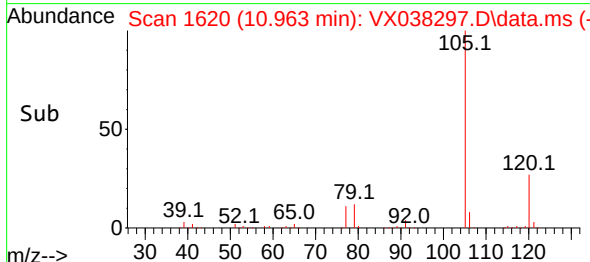
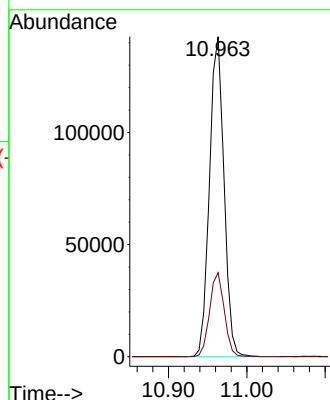
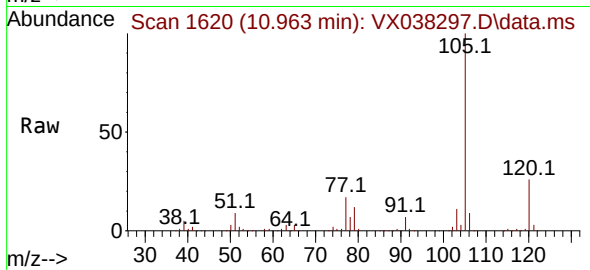
120 26.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#74

N-ethyl acetate

Concen: 17.472 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Tgt Ion: 43 Resp: 71960

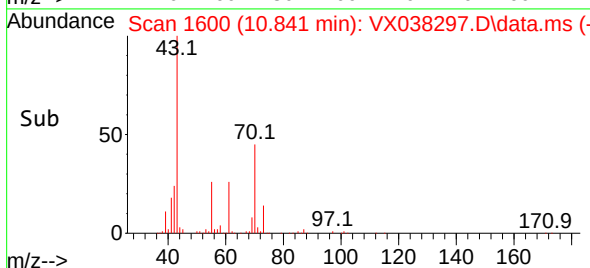
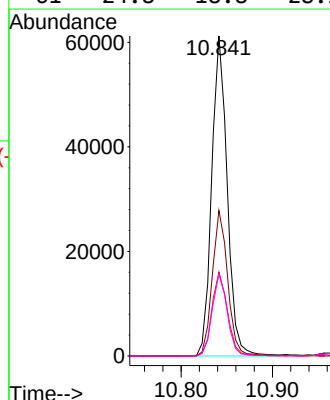
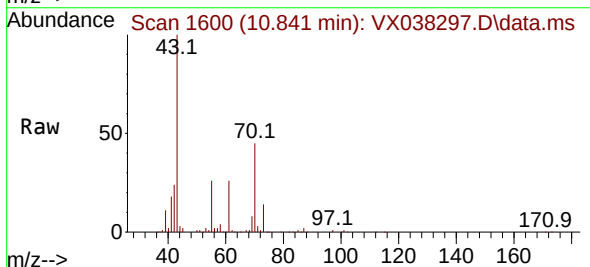
Ion Ratio Lower Upper

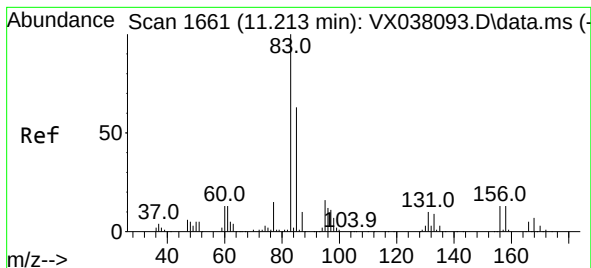
43 100

70 45.4 32.9 49.3

55 26.3 19.3 28.9

61 24.8 18.8 28.2





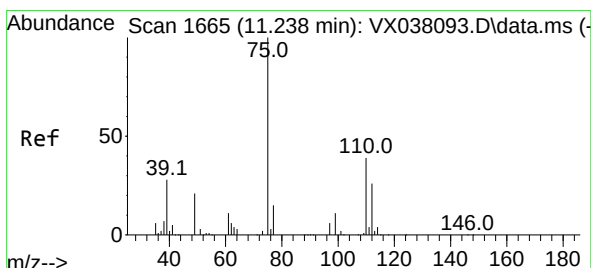
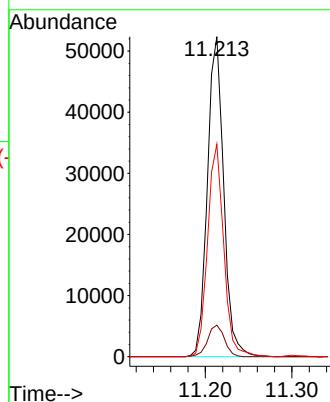
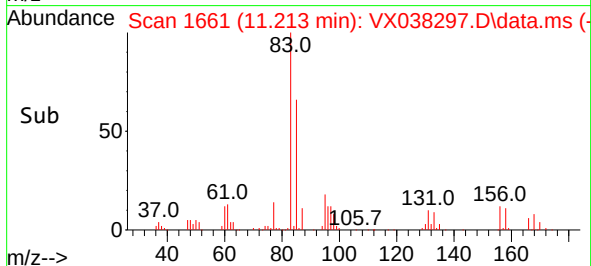
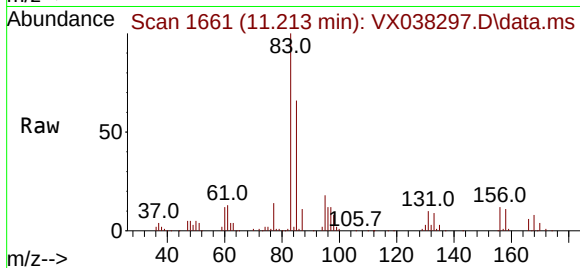
#75
1,1,2,2-Tetrachloroethane
Concen: 19.329 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tgt Ion: 83 Resp: 68404
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 65.9 32.0 96.2

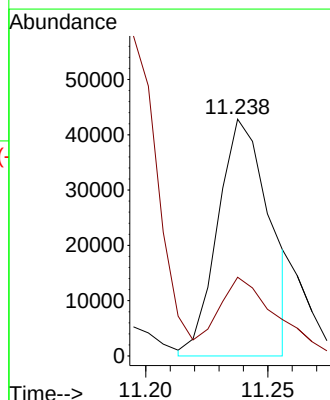
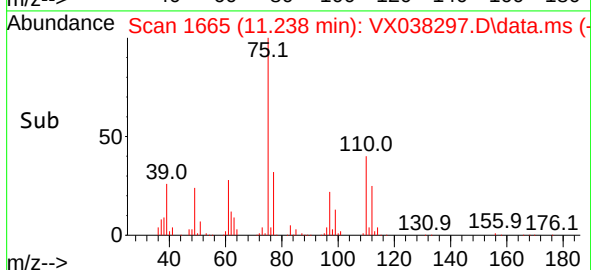
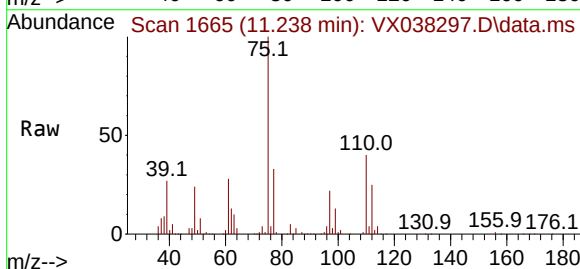
Manual Integrations
APPROVED

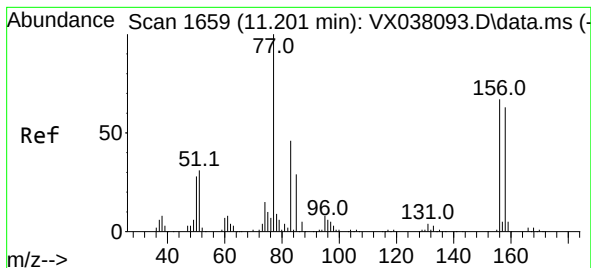
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#76
1,2,3-Trichloropropane
Concen: 19.294 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Tgt Ion: 75 Resp: 63078
Ion Ratio Lower Upper
75 100
77 37.8 19.1 57.5





#77

Bromobenzene

Concen: 19.649 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

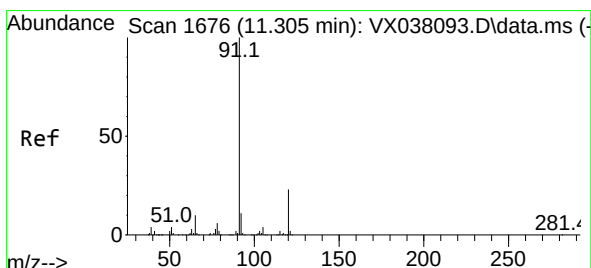
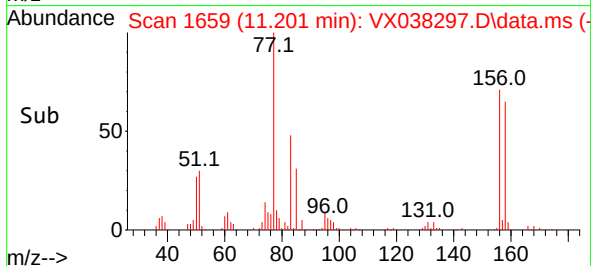
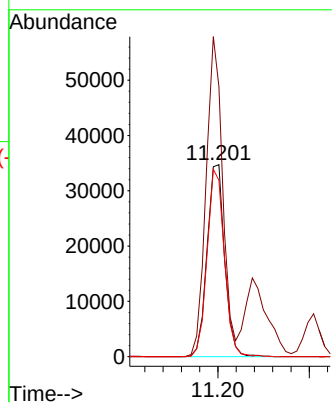
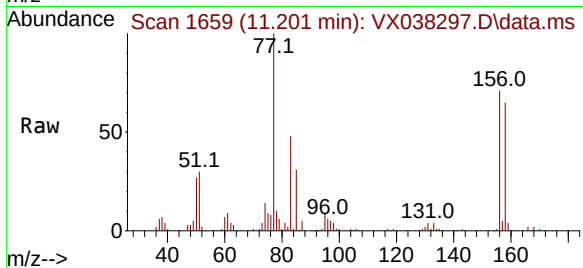
Tgt Ion:	156	Resp:	46260
Ion Ratio	Lower	Upper	
156	100		
77	156.8	88.4	265.3
158	95.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#78

n-propylbenzene

Concen: 18.921 ug/l

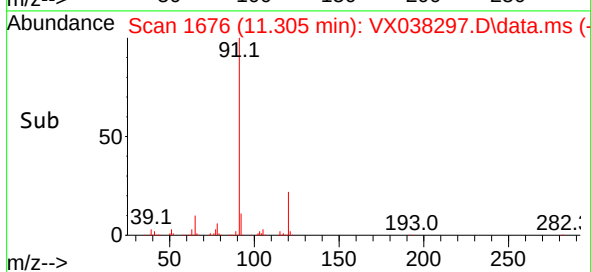
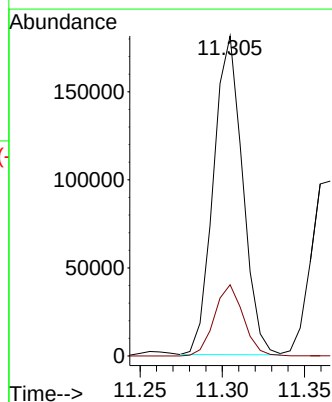
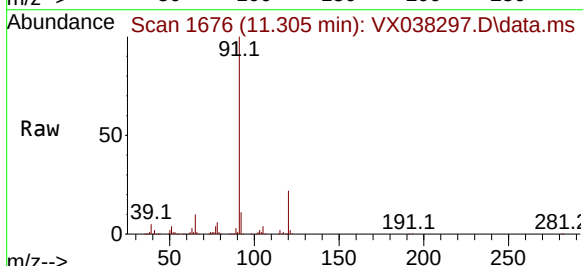
RT: 11.305 min Scan# 1676

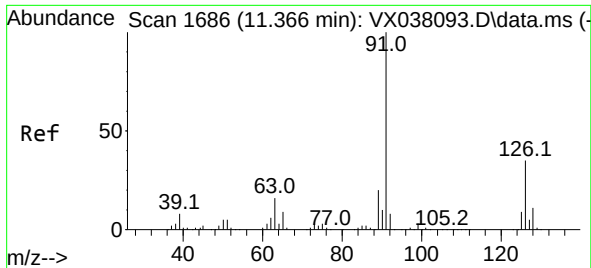
Delta R.T. -0.000 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Tgt Ion:	91	Resp:	223131
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.5	34.4





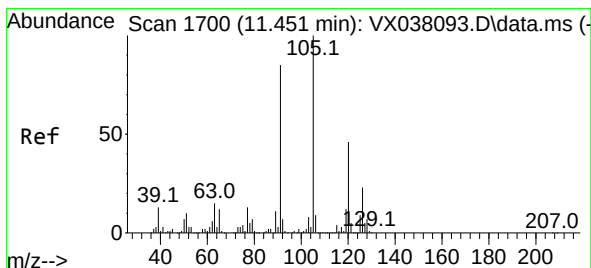
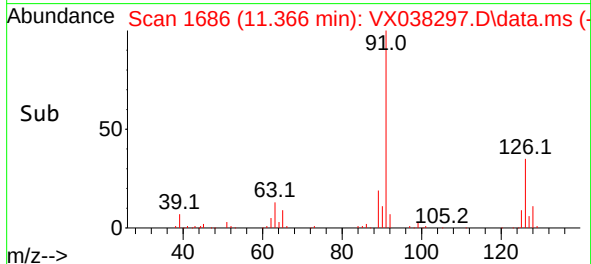
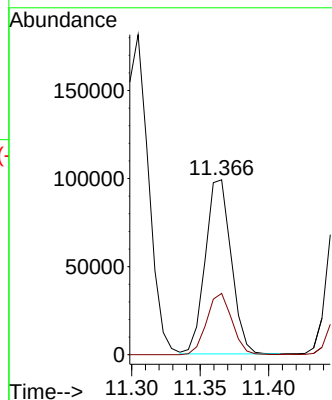
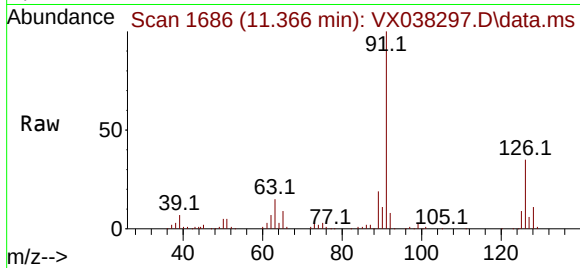
#79
2-Chlorotoluene
Concen: 18.600 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tgt Ion: 91 Resp: 130079
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8

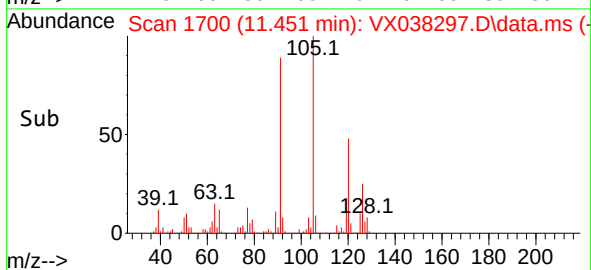
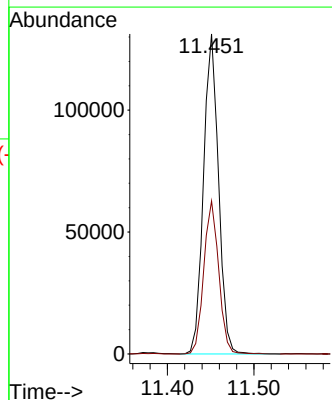
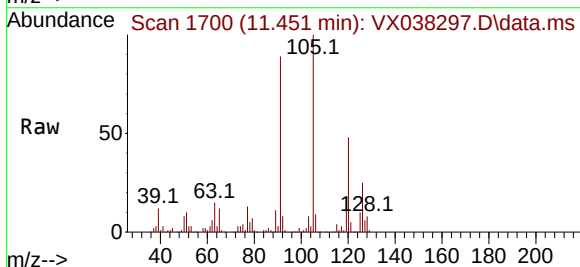
Manual Integrations
APPROVED

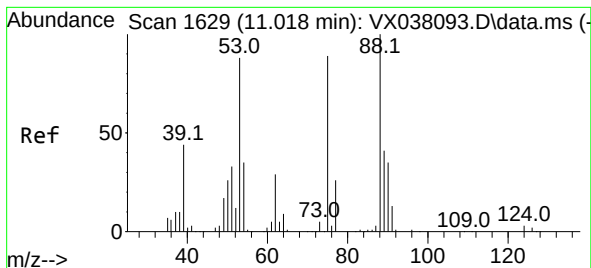
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.973 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

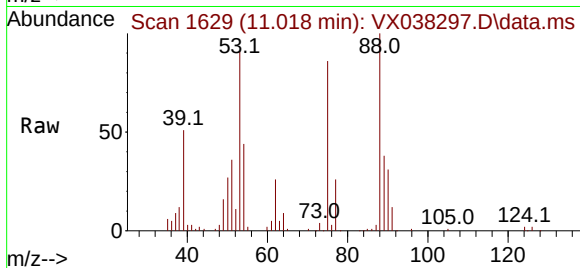
Tgt Ion:105 Resp: 157867
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.086 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

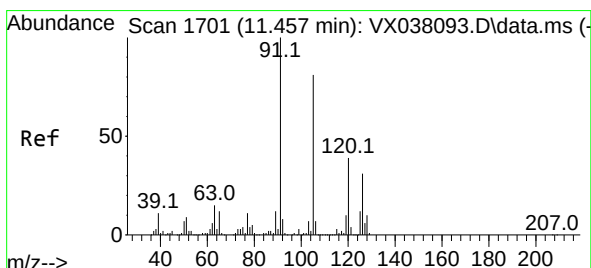
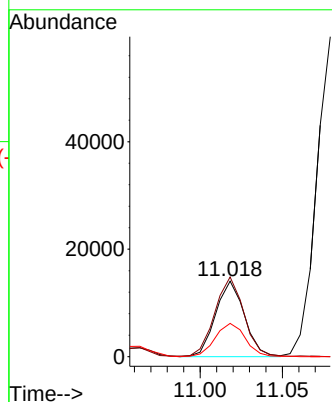
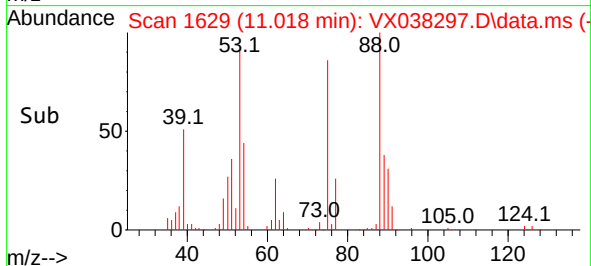
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



Tgt Ion: 75 Resp: 17114
Ion Ratio Lower Upper
75 100
53 105.8 90.5 135.7
89 46.3 36.9 55.3

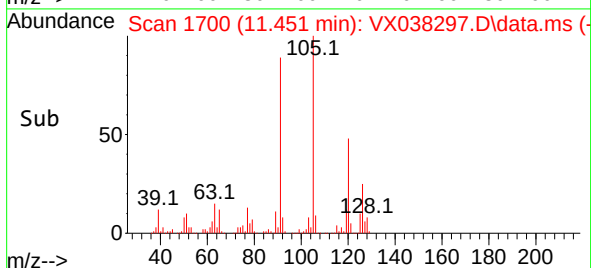
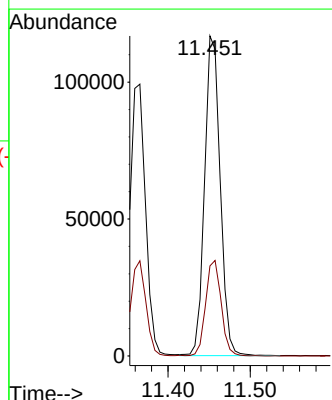
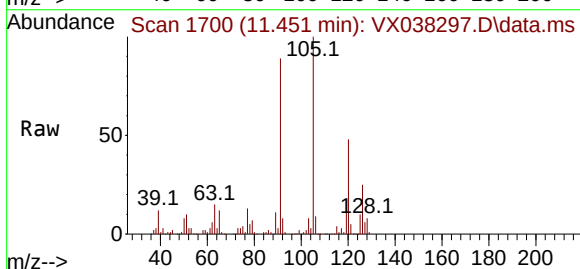
Manual Integrations
APPROVED

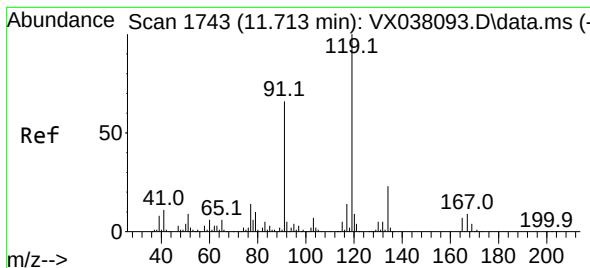
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#82
4-Chlorotoluene
Concen: 18.619 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

Tgt Ion: 91 Resp: 154088
Ion Ratio Lower Upper
91 100
126 29.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.143 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

Tgt Ion:119 Resp: 155634

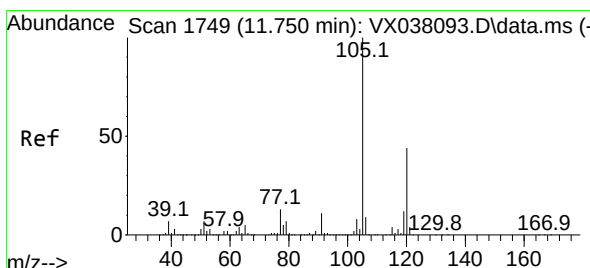
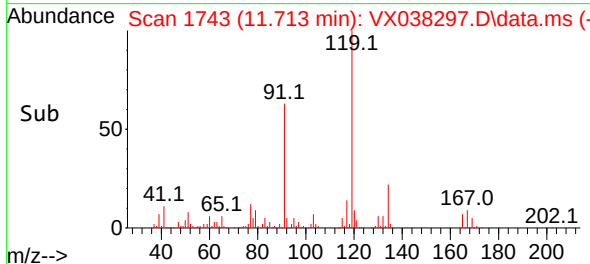
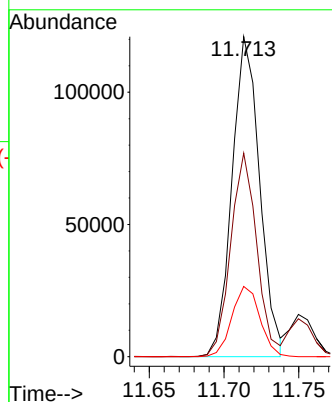
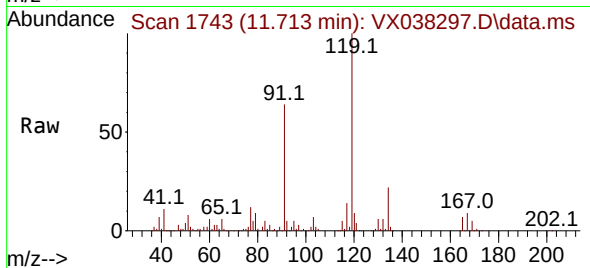
Ion	Ratio	Lower	Upper
119	100		
91	60.3	31.2	93.6
134	22.3	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.130 ug/l

RT: 11.750 min Scan# 1749

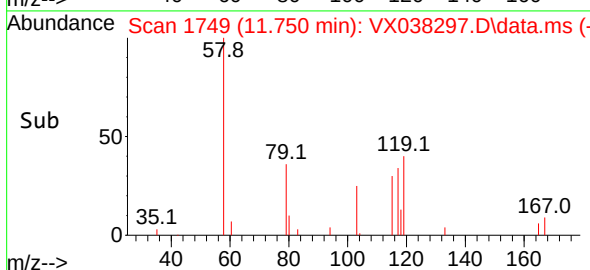
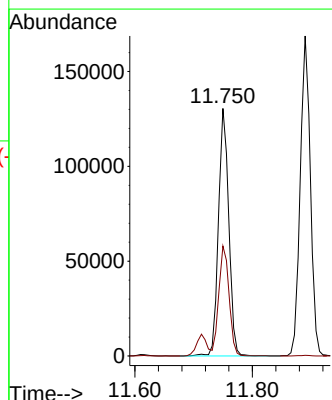
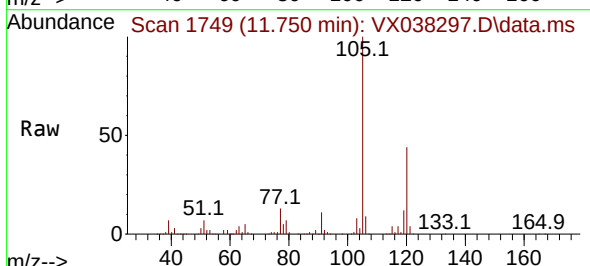
Delta R.T. -0.000 min

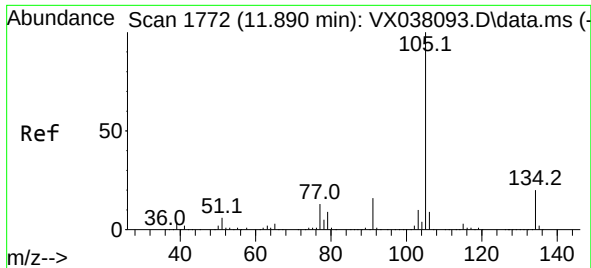
Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Tgt Ion:105 Resp: 158701

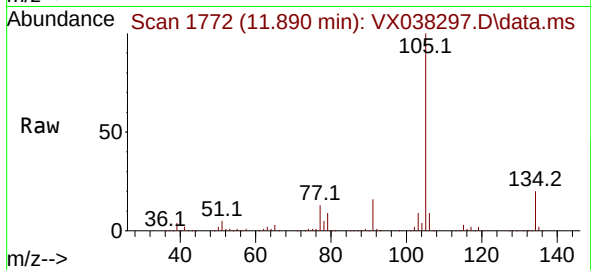
Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 19.180 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038297.D
 Acq: 16 Oct 2023 12:27

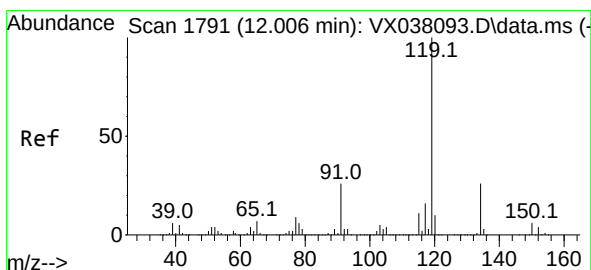
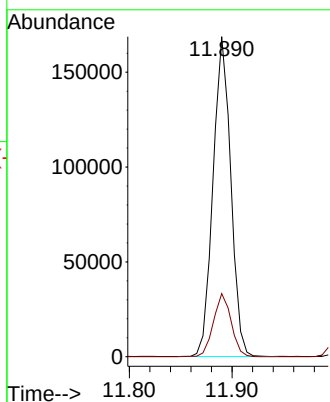
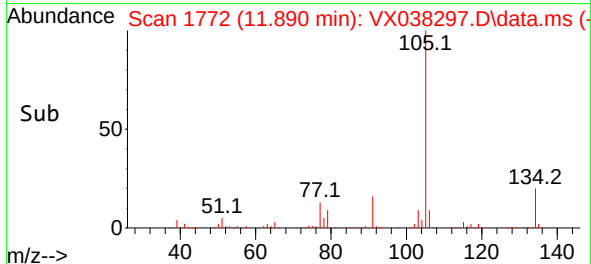
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01



Tgt Ion:105 Resp: 20199
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

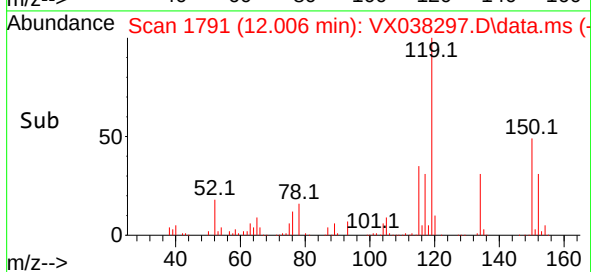
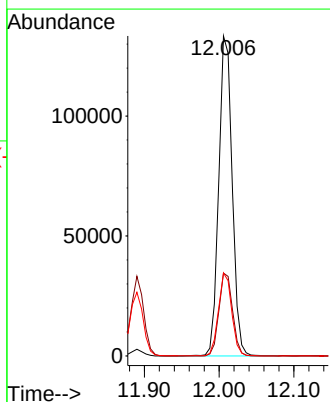
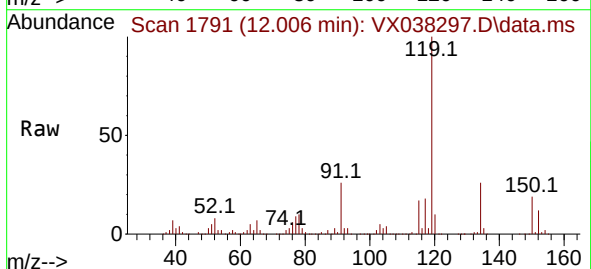
Manual Integrations
 APPROVED

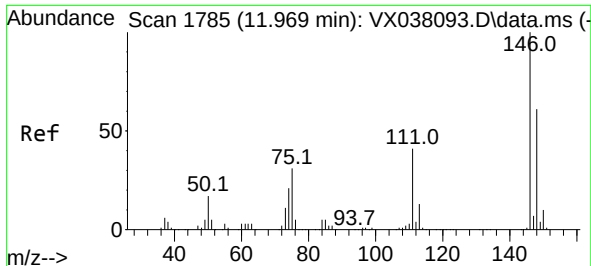
Reviewed By :John Carlone 10/17/2023
 Supervised By :Mahesh Dadoda 10/18/2023



#86
 p-Isopropyltoluene
 Concen: 19.231 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038297.D
 Acq: 16 Oct 2023 12:27

Tgt Ion:119 Resp: 167099
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 25.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.944 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

Tgt Ion:146 Resp: 8959

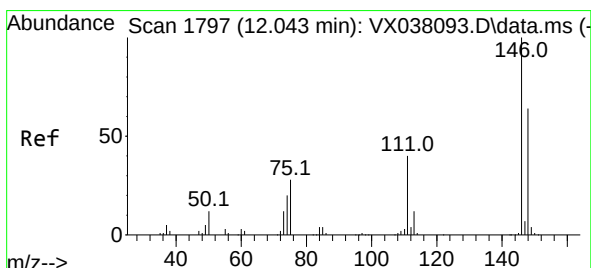
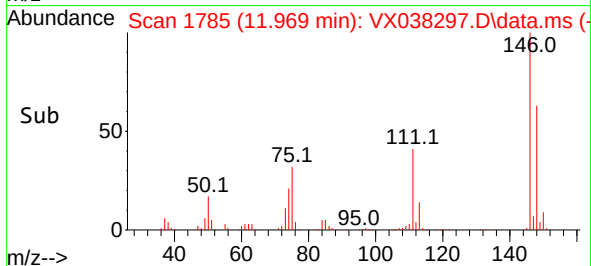
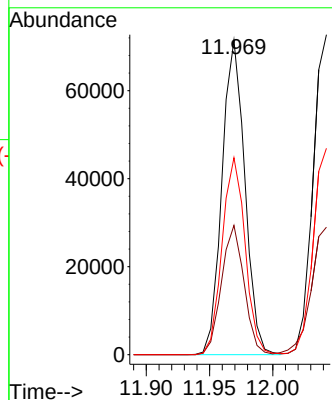
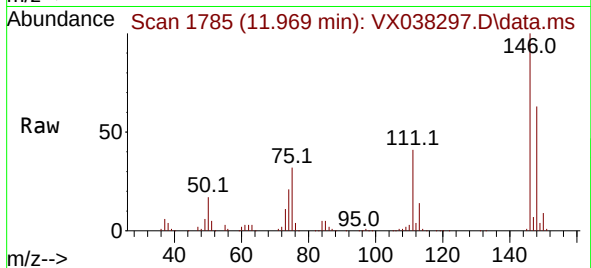
Ion	Ratio	Lower	Upper
146	100		
111	40.7	22.1	66.1
148	63.1	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#88

1,4-Dichlorobenzene

Concen: 18.734 ug/l

RT: 12.042 min Scan# 1797

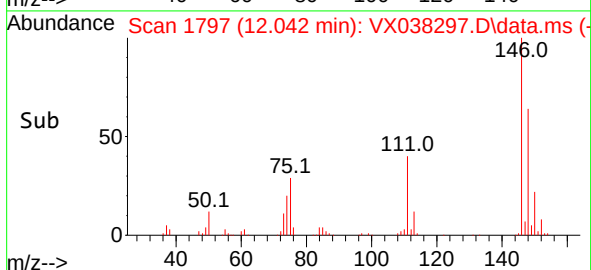
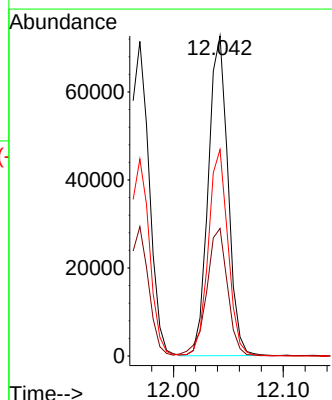
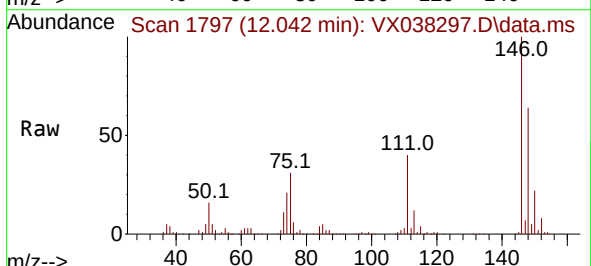
Delta R.T. -0.001 min

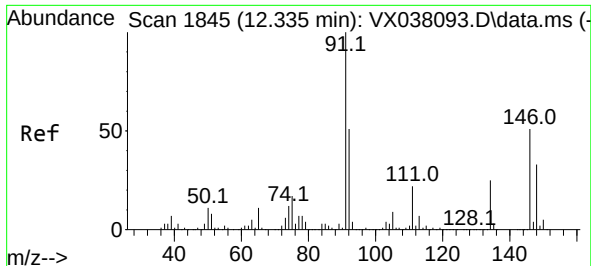
Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Tgt Ion:146 Resp: 90455

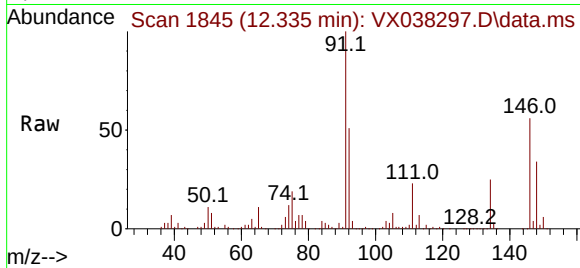
Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.7
148	64.7	31.8	95.4





#89
n-Butylbenzene
Concen: 18.381 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

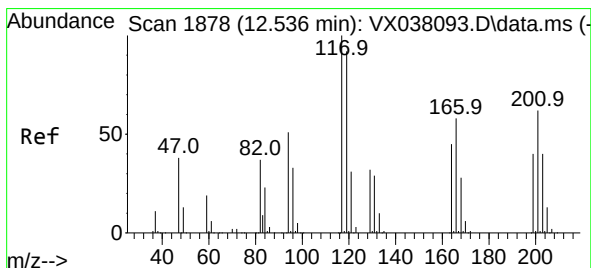
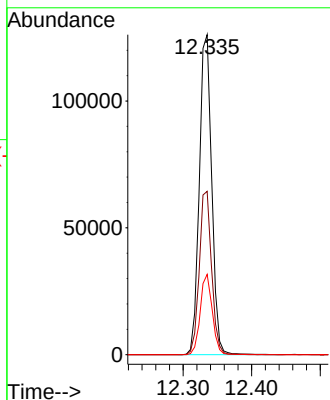
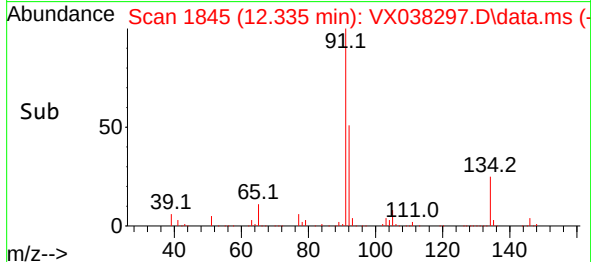
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



Tgt Ion: 91 Resp: 159060
Ion Ratio Lower Upper
91 100
92 50.9 27.4 82.0
134 24.4 12.6 37.8

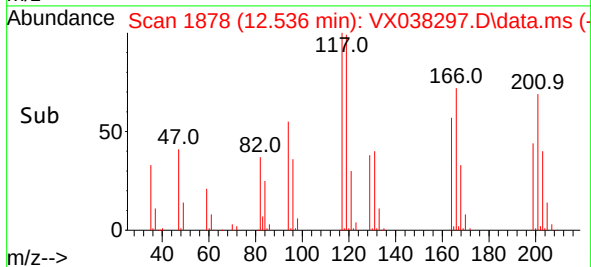
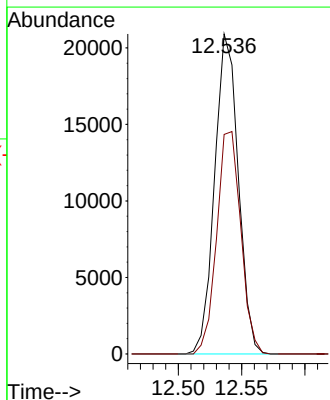
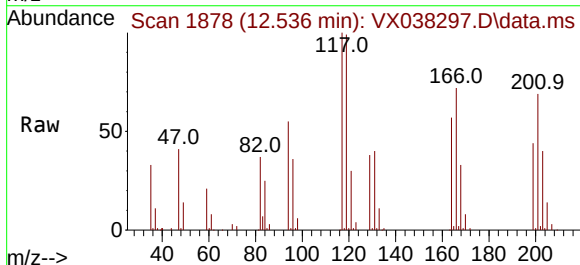
Manual Integrations
APPROVED

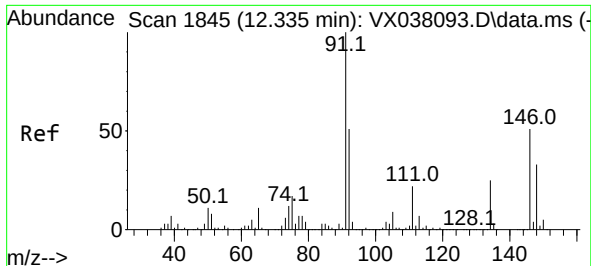
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#90
Hexachloroethane
Concen: 18.854 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

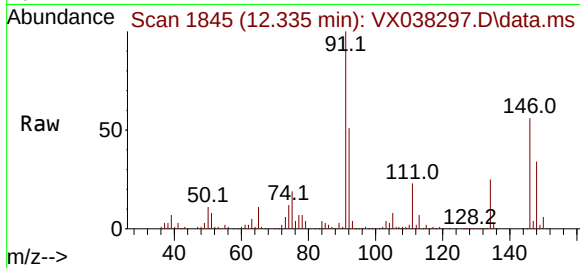
Tgt Ion:117 Resp: 27163
Ion Ratio Lower Upper
117 100
201 70.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.166 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

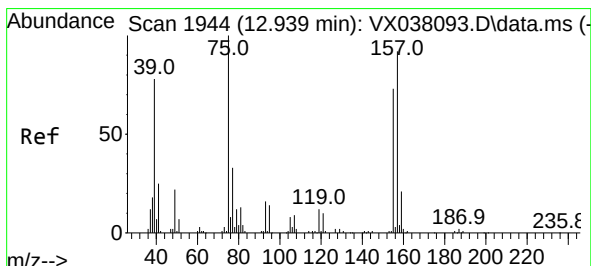
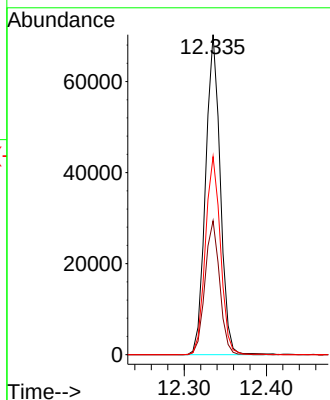
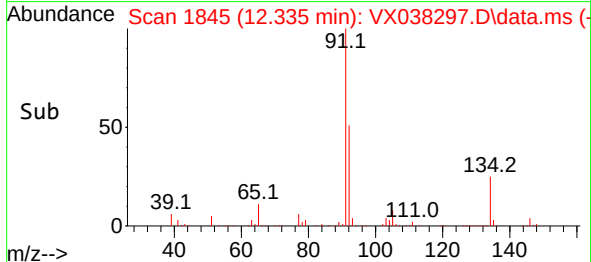
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



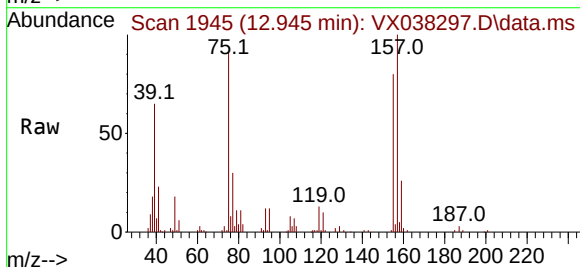
Tgt Ion:146 Resp: 87120
Ion Ratio Lower Upper
146 100
111 41.7 22.4 67.0
148 63.7 31.6 95.0

Manual Integrations
APPROVED

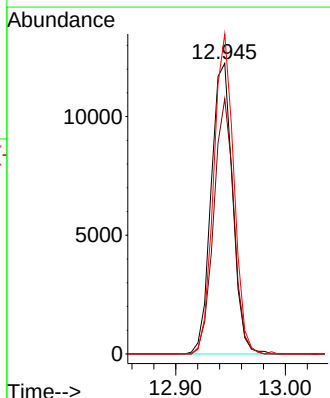
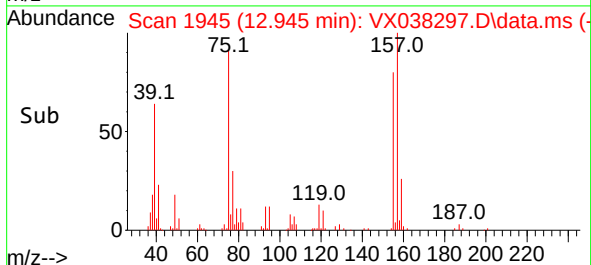
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

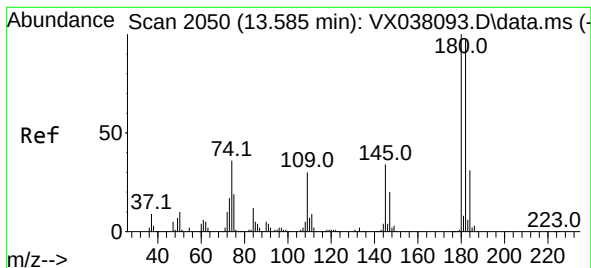


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.418 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27



Tgt Ion: 75 Resp: 16615
Ion Ratio Lower Upper
75 100
155 82.7 36.1 108.5
157 103.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.471 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

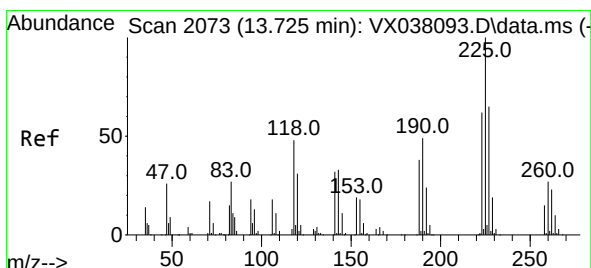
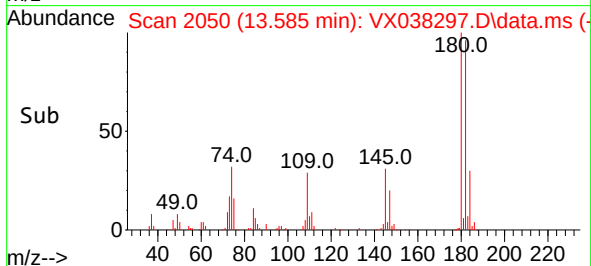
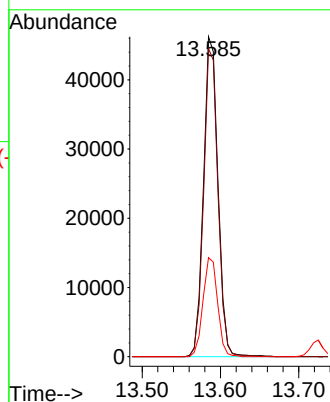
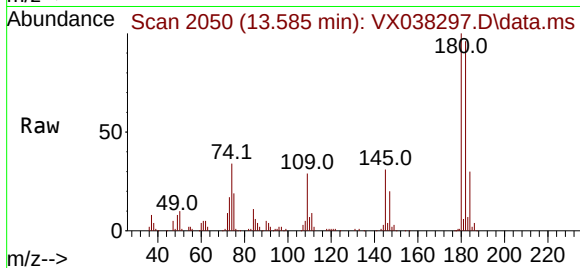
Tgt Ion:180	Resp:	5936
Ion Ratio	Lower	Upper
180	100	
182	95.0	48.3 144.8
145	31.1	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#94

Hexachlorobutadiene

Concen: 19.519 ug/l

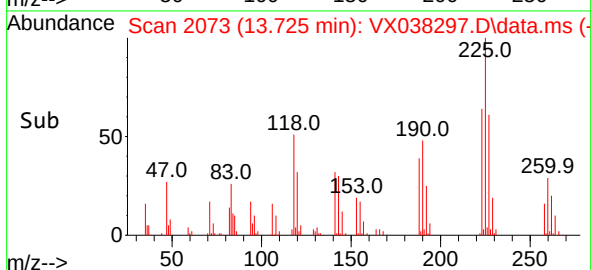
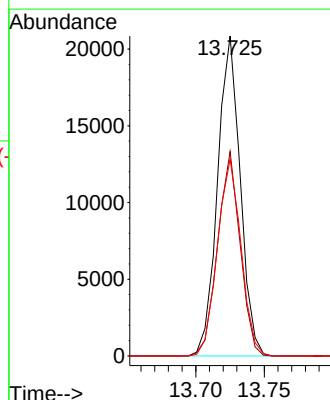
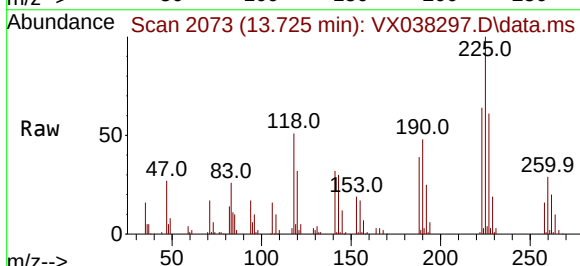
RT: 13.725 min Scan# 2073

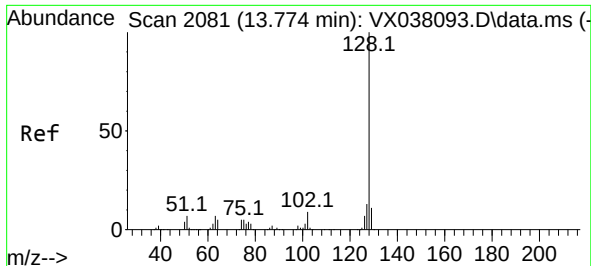
Delta R.T. -0.000 min

Lab File: VX038297.D

Acq: 16 Oct 2023 12:27

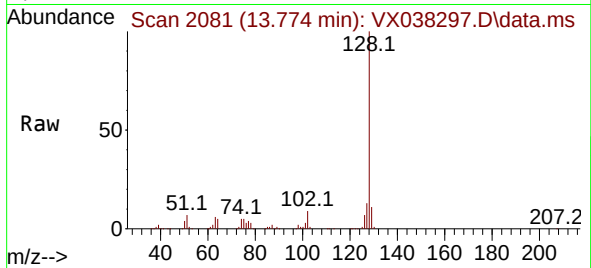
Tgt Ion:225	Resp:	23953
Ion Ratio	Lower	Upper
225	100	
223	63.0	31.1 93.2
227	63.9	32.5 97.5





#95
Naphthalene
Concen: 18.564 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27

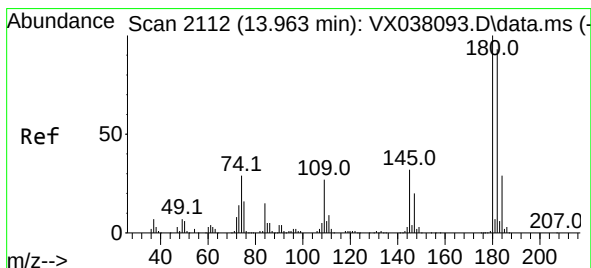
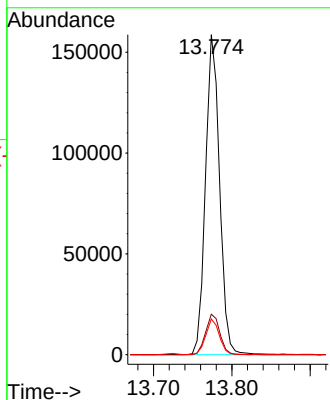
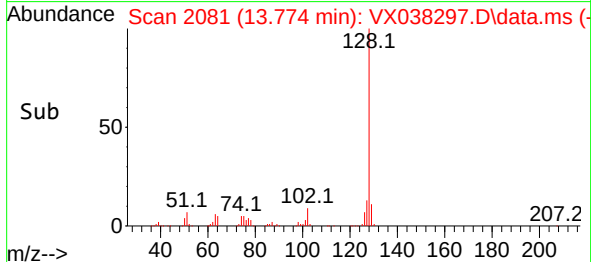
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01



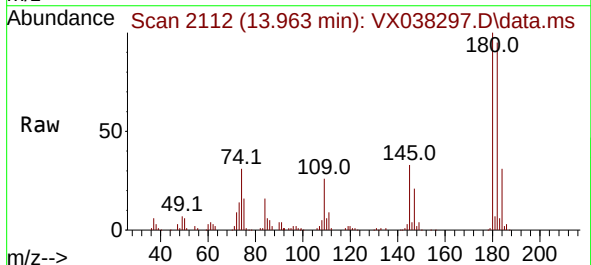
Tgt Ion:128 Resp: 19711
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.278 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038297.D
Acq: 16 Oct 2023 12:27



Tgt Ion:180 Resp: 56915
Ion Ratio Lower Upper
180 100
182 96.4 46.9 140.6
145 33.9 17.8 53.5

