

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112823\
 Data File : VX039049.D
 Acq On : 28 Nov 2023 15:57
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2023
 Supervised By : Mahesh Dadoda 11/29/2023

Quant Time: Nov 29 01:30:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	10337	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	79046	30.000	ug/l	-0.01
57) Chlorobenzene-d5	10.049	117	99110	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	43067	30.454	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.500%			
60) 4-Bromofluorobenzene	11.079	95	65208	30.123	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.400%			
63) Toluene-d8	8.641	98	118739	30.302	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	28016	18.108	ug/l	99
3) Chloromethane	1.295	50	34951	19.729	ug/l	97
4) Vinyl Chloride	1.374	62	34800	19.458	ug/l	98
5) Bromomethane	1.612	94	24605	22.493	ug/l	98
6) Chloroethane	1.691	64	20337	19.527	ug/l	98
7) Trichlorofluoromethane	1.892	101	50492	20.455	ug/l	95
8) Diethyl Ether	2.130	74	19329	20.399	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	27320	19.586	ug/l	99
10) 1,1-Dichloroethene	2.319	96	26937	19.158	ug/l	95
11) Methyl Iodide	2.453	142	28757	18.664	ug/l	99
12) Methyl Acetate	2.697	43	85859	19.579	ug/l	100
13) Acrolein	2.233	56	40494	105.407	ug/l	99
14) Acrylonitrile	3.056	53	104949	97.848	ug/l	99
15) Acetone	2.374	58	34269	87.898	ug/l	98
16) Carbon Disulfide	2.514	76	82093	19.278	ug/l	96
17) Allyl chloride	2.660	41	57236	20.505	ug/l	97
18) Methylene Chloride	2.788	84	33149	19.889	ug/l	99
19) trans-1,2-Dichloroethene	3.093	96	30974	19.477	ug/l	93
20) Diisopropyl ether	3.751	45	105202	19.805	ug/l	97
21) 1,1-Dichloroethane	3.605	63	58236	19.719	ug/l	95
22) cis-1,2-Dichloroethene	4.483	96	37197	20.183	ug/l	98
23) tert-Butyl Alcohol	2.941	59	52814	88.946	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	102825	19.852	ug/l	99
25) Chloroform	5.080	83	61146	20.628	ug/l	96
26) Cyclohexane	5.465	56	52764	19.739	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	44302	19.993	ug/l	88
30) 2-Butanone	4.538	43	162173	97.206	ug/l	100
31) 2,2-Dichloropropane	4.465	77	53248	21.017	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	51184	19.985	ug/l	98
33) Carbon Tetrachloride	5.666	117	43239	20.043	ug/l	96
34) Benzene	6.032	78	128497	19.907	ug/l	98
35) Methacrylonitrile	4.904	41	29760	20.138	ug/l	97
36) 1,2-Dichloroethane	6.080	62	48687	20.556	ug/l	98
37) Trichloroethene	7.117	130	32582	19.888	ug/l	97
38) Methylcyclohexane	7.373	83	55357	20.050	ug/l	99
39) 1,2-Dichloropropane	7.422	63	33503	19.680	ug/l	98
40) Dibromomethane	7.574	93	24912	20.711	ug/l	99
41) Bromodichloromethane	7.818	83	47656	20.623	ug/l	100
42) Vinyl Acetate	3.715	43	407691	102.599	ug/l	100

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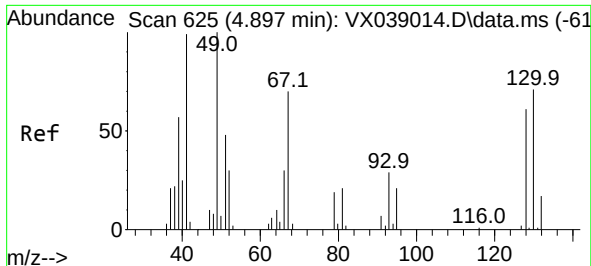
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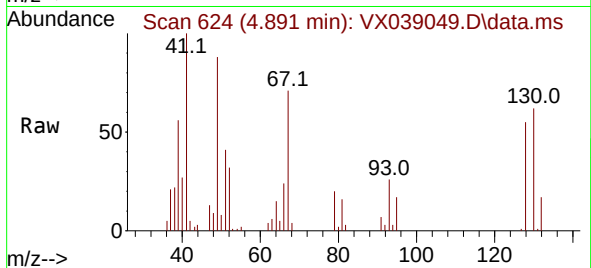
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	57528	20.043	ug/l	98
44) Isopropyl Acetate	6.330	43	88895	19.647	ug/l	99
45) 1,4-Dioxane	7.653	88	18711	405.085	ug/l	98
46) Methyl methacrylate	7.684	41	51709	19.988	ug/l	99
47) n-amyl Acetate	10.842	43	72894	19.034	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	52330	19.531	ug/l	95
49) cis-1,3-Dichloropropene	8.360	75	55835	20.200	ug/l	96
50) 1,1,2-Trichloroethane	9.147	97	32898	20.134	ug/l	96
51) Ethyl methacrylate	9.110	69	40367	19.736	ug/l	95
52) 1,3-Dichloropropane	9.305	76	55750	19.898	ug/l	99
53) Dibromochloromethane	9.519	129	33887	19.311	ug/l	100
54) 1,2-Dibromoethane	9.604	107	34525	19.268	ug/l	99
55) 2-Chloroethyl vinyl ether	8.232	63	129054	99.546	ug/l	99
56) Bromoform	10.799	173	23174	18.298	ug/l	99
58) 4-Methyl-2-Pentanone	8.568	43	293363	97.609	ug/l	99
59) 2-Hexanone	9.427	43	234228	94.944	ug/l	99
61) Tetrachloroethene	9.269	164	24748	19.206	ug/l	95
62) Toluene	8.714	91	140132	19.915	ug/l	98
64) Chlorobenzene	10.073	112	83926	19.608	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	30409	19.727	ug/l	99
66) Ethyl Benzene	10.189	91	157548	19.663	ug/l	99
67) m/p-Xylenes	10.299	106	117005	39.519	ug/l	99
68) o-Xylene	10.640	106	56478	19.693	ug/l	98
69) Styrene	10.653	104	83102	19.579	ug/l	99
70) Isopropylbenzene	10.957	105	151480	19.741	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.207	83	54881	19.159	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	48350m	19.947	ug/l	
73) Bromobenzene	11.195	156	33781	19.336	ug/l	99
74) n-propylbenzene	11.299	91	186073	19.792	ug/l	100
75) 2-Chlorotoluene	11.360	91	107632	19.514	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	129525	19.594	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	17501	18.221	ug/l	96
78) 4-Chlorotoluene	11.451	91	127572	19.672	ug/l	99
79) tert-butylbenzene	11.713	119	124111	19.744	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	127360	19.250	ug/l	99
81) sec-Butylbenzene	11.890	105	155711	19.595	ug/l	99
82) p-Isopropyltoluene	12.006	119	131516	19.528	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	64672	19.344	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	65144	18.990	ug/l	98
85) n-Butylbenzene	12.329	91	134635	20.243	ug/l	99
86) Hexachloroethane	12.536	117	25114	19.680	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	65713	20.440	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	13835	18.885	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	41925	19.669	ug/l	99
90) Hexachlorobutadiene	13.725	225	14181	18.632	ug/l	99
91) Naphthalene	13.774	128	146932	18.691	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	39469	19.117	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

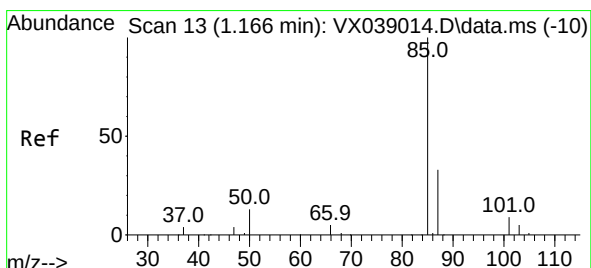
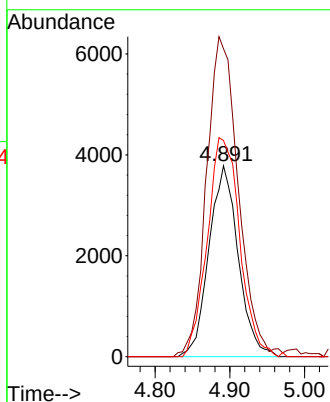
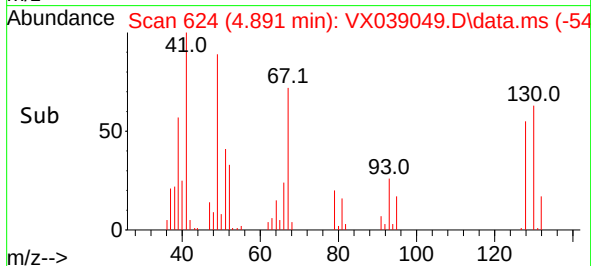
Instrument :
MSVOA_X
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VSTDCCC020EC



Tgt Ion:128 Resp: 1033
Ion Ratio Lower Upper
128 100
49 180.1 0.0 444.0
130 126.7 0.0 297.8

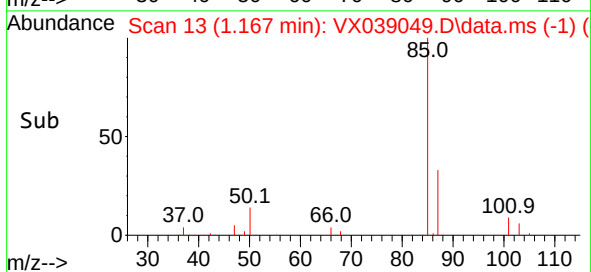
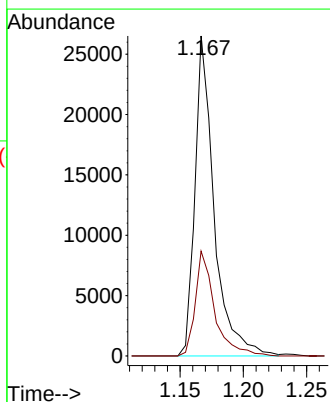
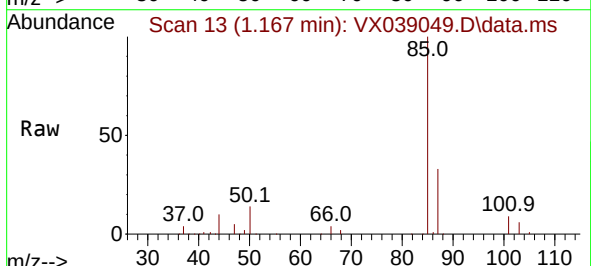
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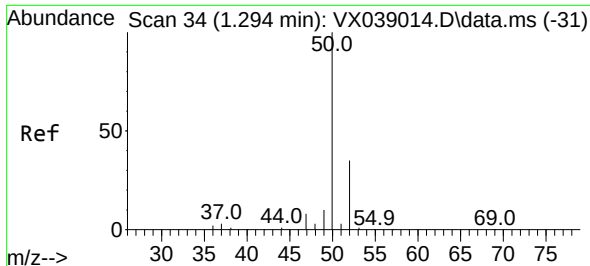
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#2
Dichlorodifluoromethane
Concen: 18.108 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion: 85 Resp: 28016
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





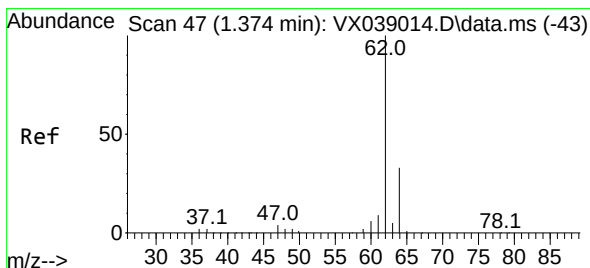
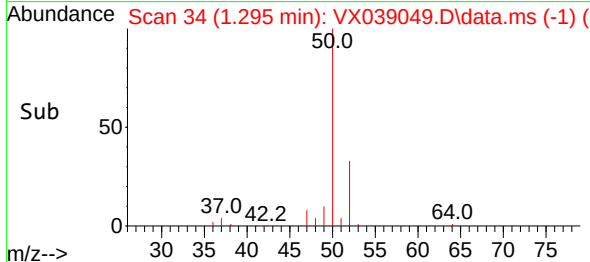
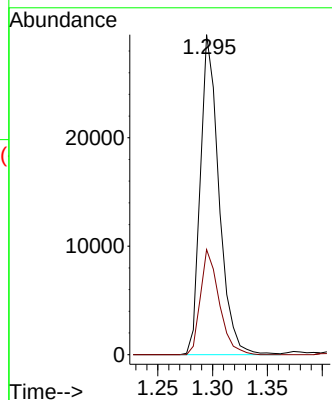
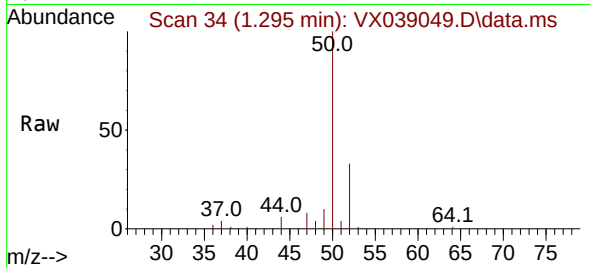
#3
Chloromethane
Concen: 19.729 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 3495
Ion Ratio Lower Upper
50 100
52 32.9 27.8 41.8

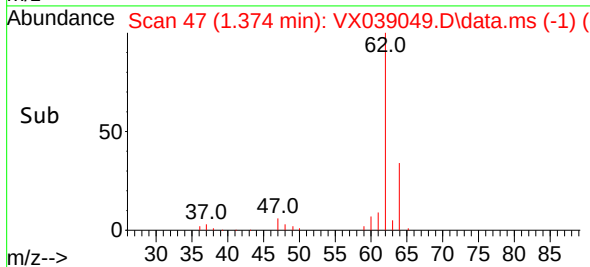
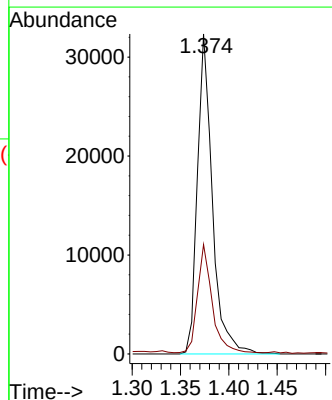
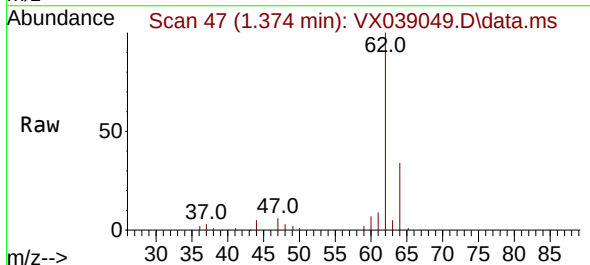
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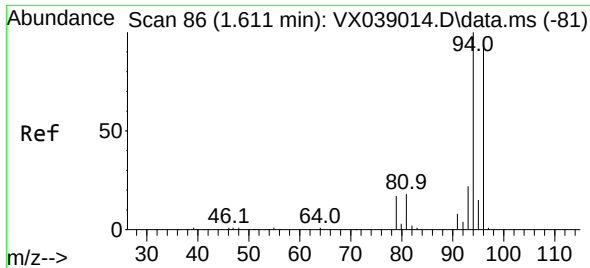
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#4
Vinyl Chloride
Concen: 19.458 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion: 62 Resp: 34800
Ion Ratio Lower Upper
62 100
64 33.8 26.3 39.5





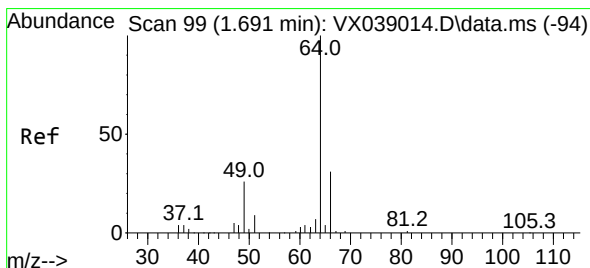
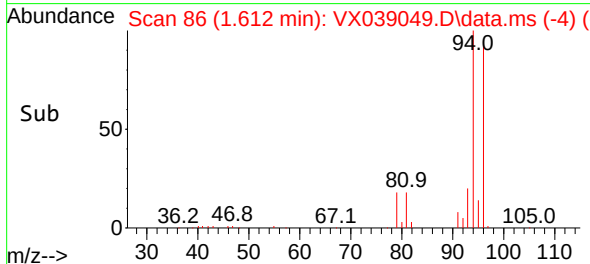
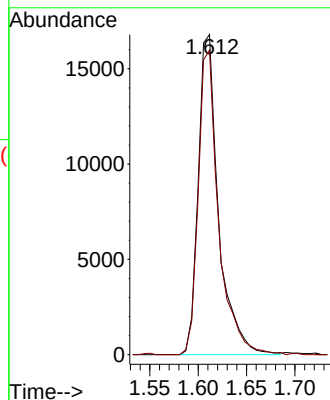
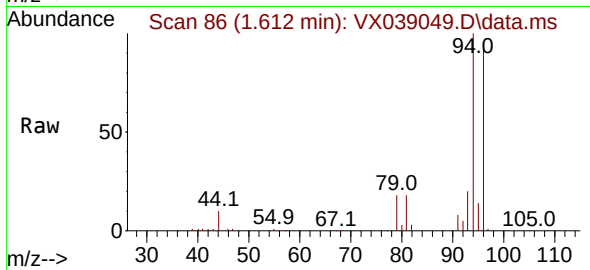
#5
Bromomethane
Concen: 22.493 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 94 Resp: 2460
Ion Ratio Lower Upper
94 100
96 95.1 74.9 112.3

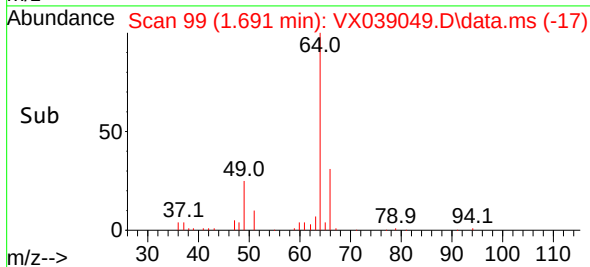
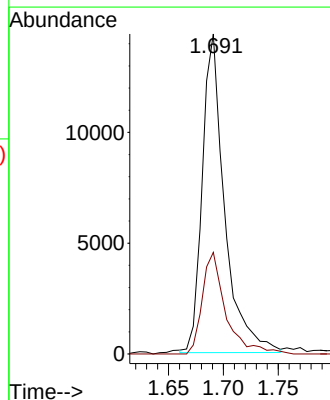
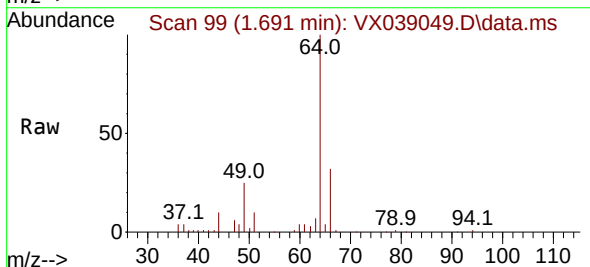
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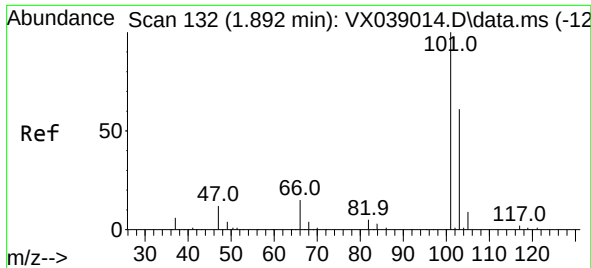
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#6
Chloroethane
Concen: 19.527 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion: 64 Resp: 20337
Ion Ratio Lower Upper
64 100
66 32.2 25.0 37.6





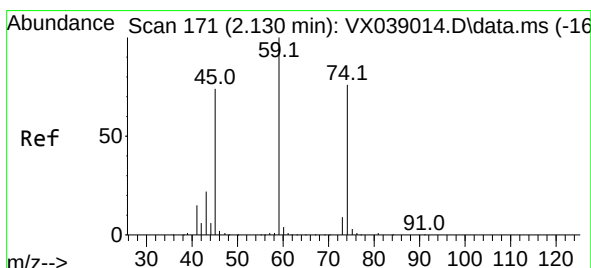
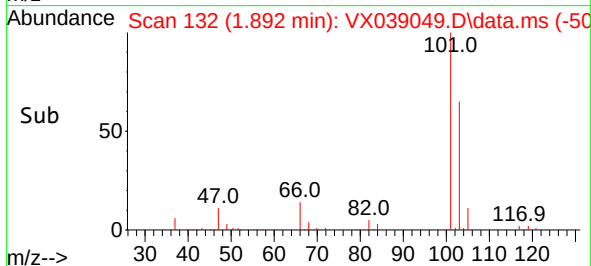
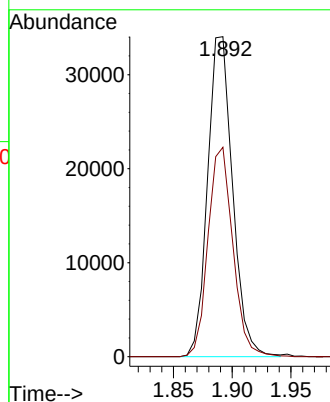
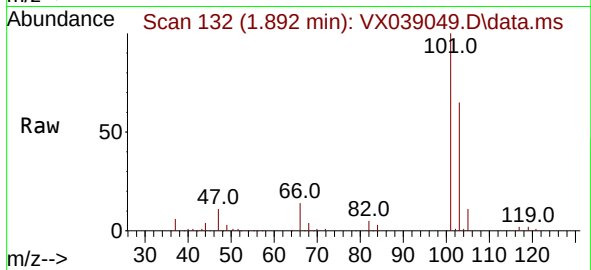
#7
Trichlorofluoromethane
Concen: 20.455 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 50492
Ion Ratio Lower Upper
101 100
103 65.4 49.1 73.7

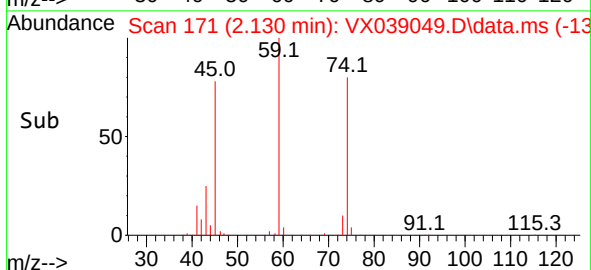
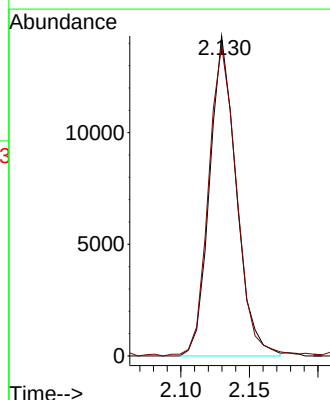
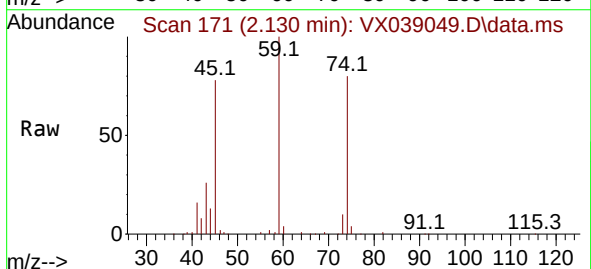
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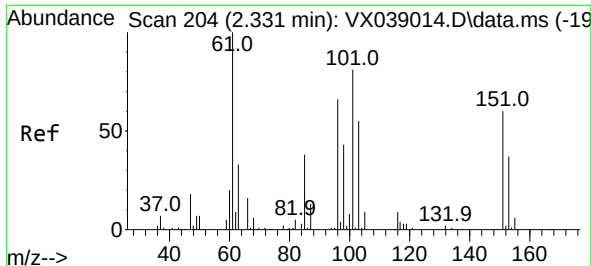
Reviewed By :John Carlone 11/29/2023
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#8
Diethyl Ether
Concen: 20.399 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion: 74 Resp: 19329
Ion Ratio Lower Upper
74 100
45 102.6 20.5 184.5





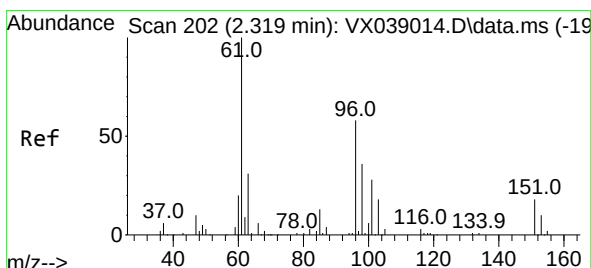
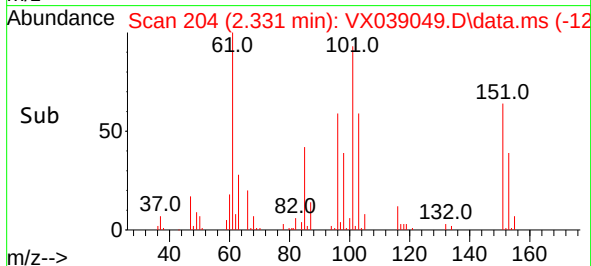
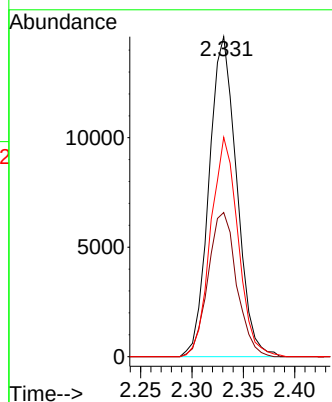
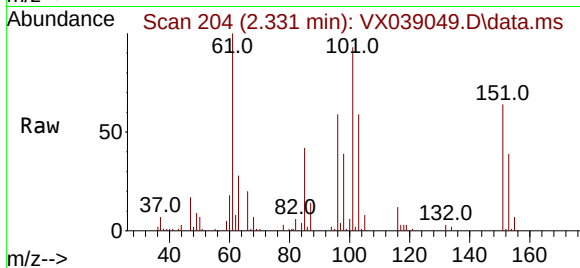
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.586 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX039049.D
 Acq: 28 Nov 2023 15:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 101 Resp: 27320
 Ion Ratio Lower Upper
 101 100
 85 46.6 0.0 95.2
 151 68.0 0.0 136.8

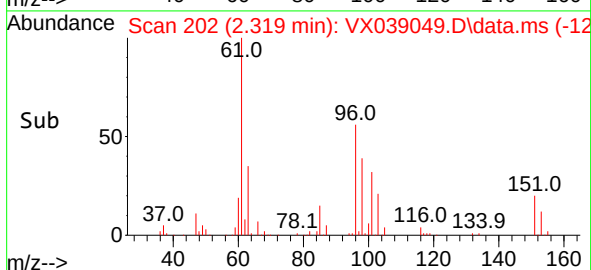
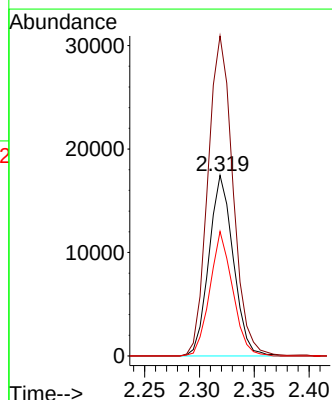
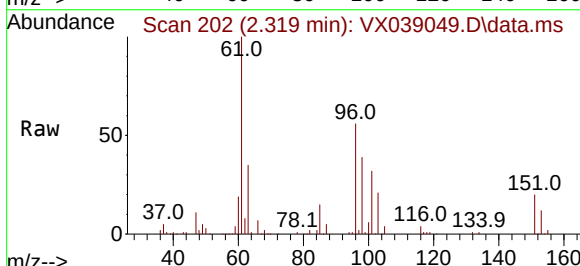
Manual Integrations
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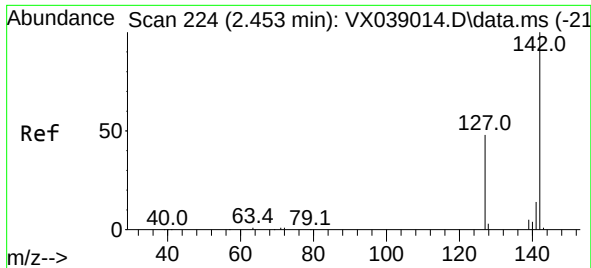
Reviewed By : John Carlone 11/29/2023
 Supervised By : Mahesh Dadoda 11/29/2023



#10
 1,1-Dichloroethene
 Concen: 19.158 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX039049.D
 Acq: 28 Nov 2023 15:57

Tgt Ion: 96 Resp: 26937
 Ion Ratio Lower Upper
 96 100
 61 177.2 138.3 207.5
 98 68.9 49.8 74.6





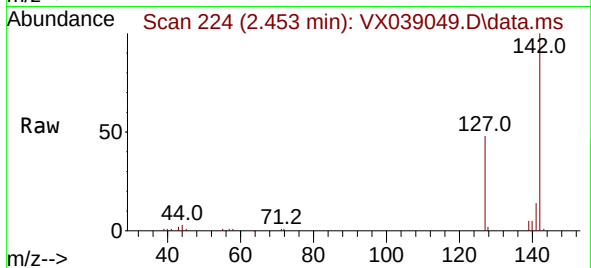
#11
Methyl Iodide
Concen: 18.664 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



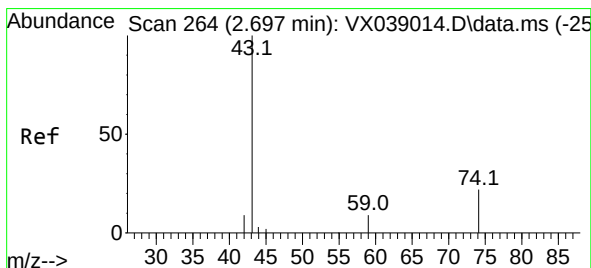
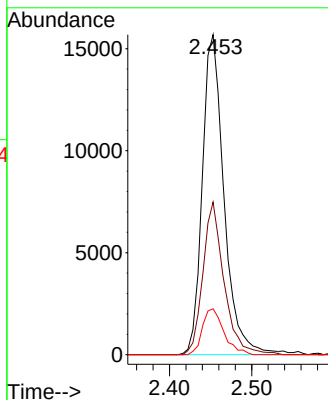
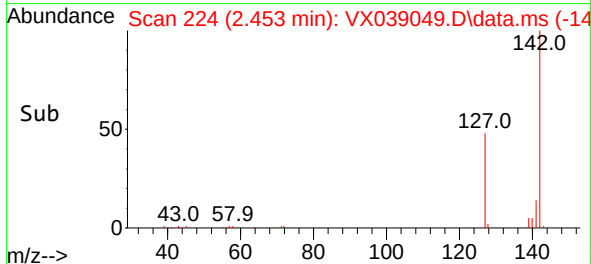
Tgt Ion:142 Resp: 2875
Ion Ratio Lower Upper
142 100
127 47.7 23.8 71.4
141 14.4 6.9 20.6

Manual Integrations

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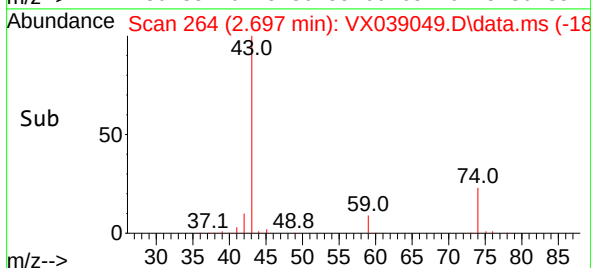
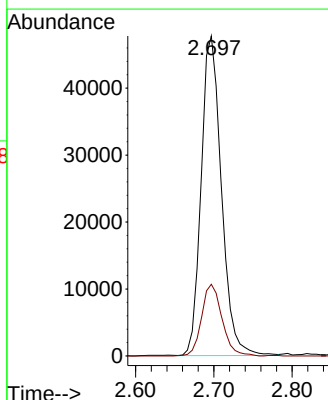
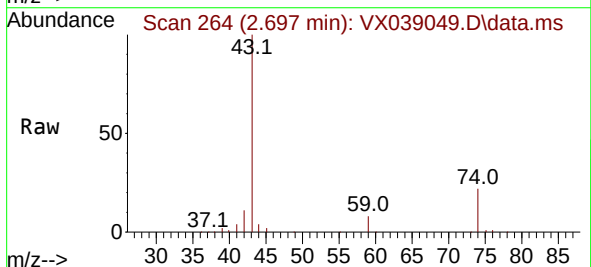
Reviewed By :John Carlone 11/29/2023

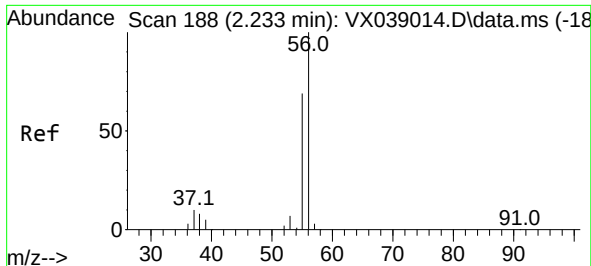
Supervised By :Mahesh Dadoda 11/29/2023



#12
Methyl Acetate
Concen: 19.579 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

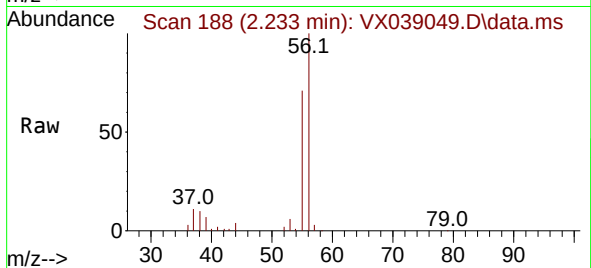
Tgt Ion: 43 Resp: 85859
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.6





#13
Acrolein
Concen: 105.407 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

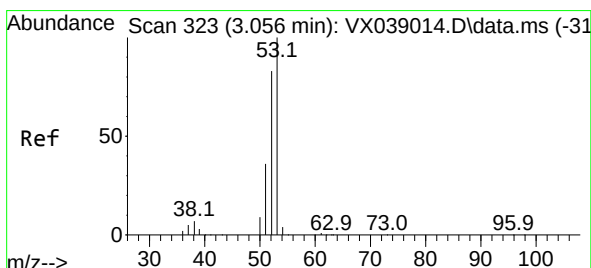
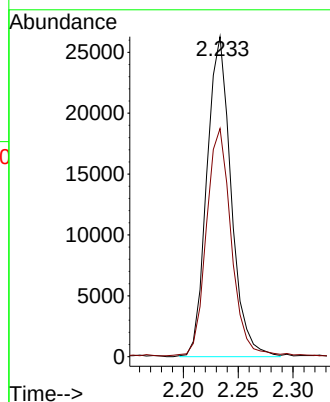
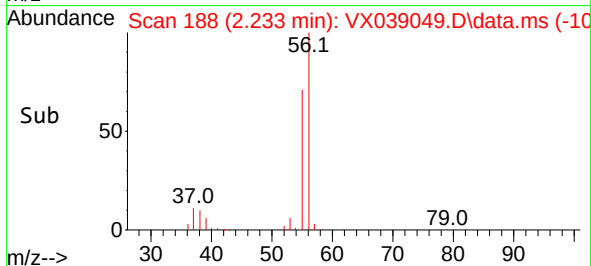
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 40494
Ion Ratio Lower Upper
56 100
55 70.7 57.2 85.8

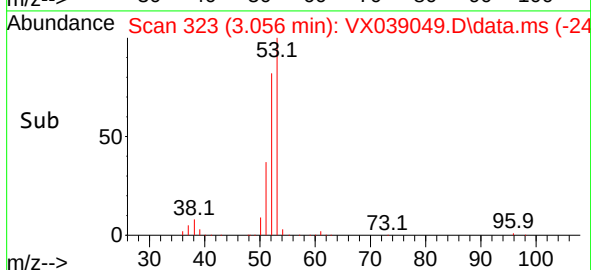
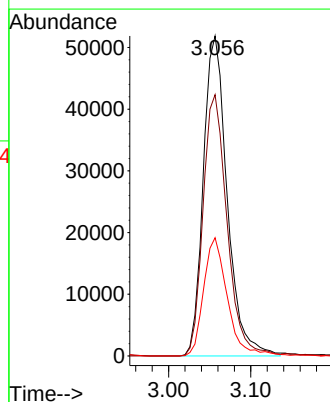
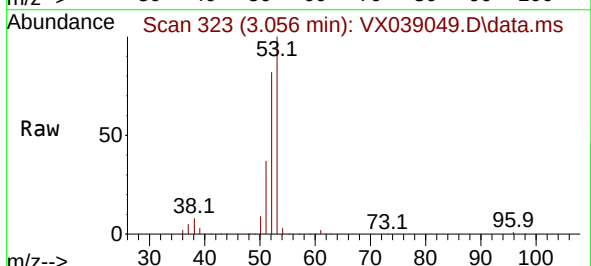
Manual Integrations
APPROVED

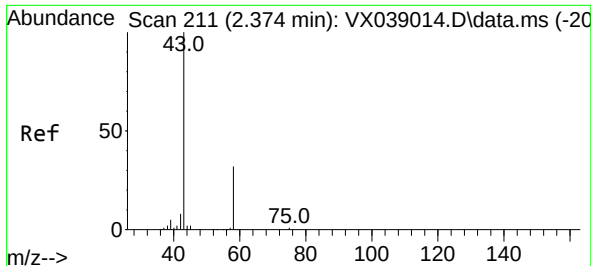
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#14
Acrylonitrile
Concen: 97.848 ug/l
RT: 3.056 min Scan# 323
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion: 53 Resp: 104949
Ion Ratio Lower Upper
53 100
52 81.8 41.9 125.6
51 36.6 18.3 54.9





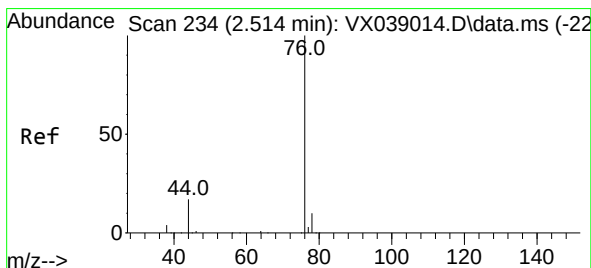
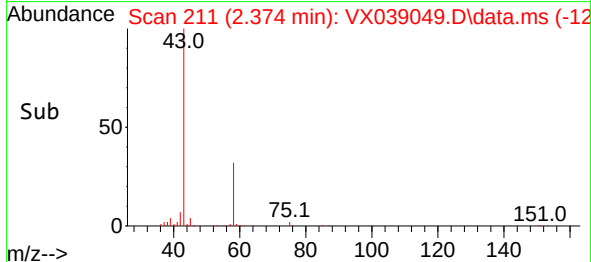
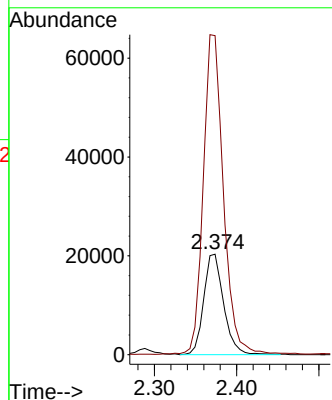
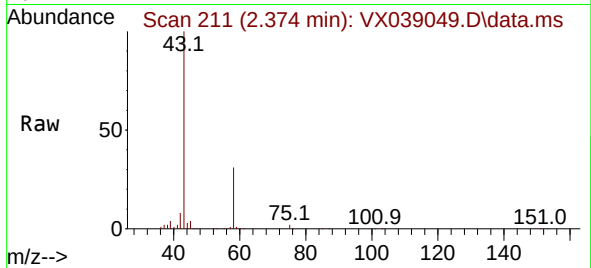
#15
Acetone
Concen: 87.898 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 34269
Ion Ratio Lower Upper
58 100
43 316.7 249.9 374.9

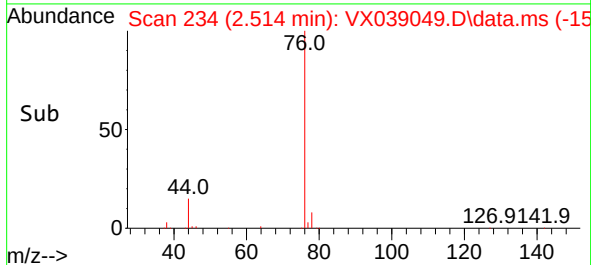
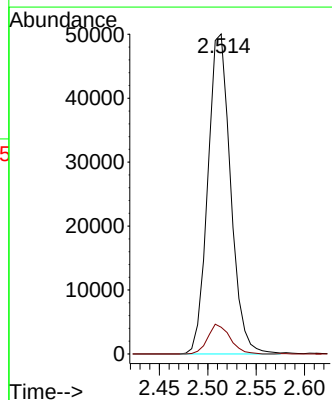
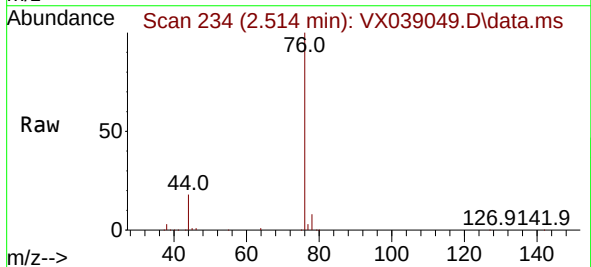
Manual Integrations
APPROVED

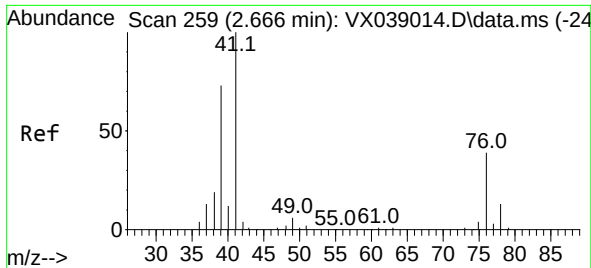
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#16
Carbon Disulfide
Concen: 19.278 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion: 76 Resp: 82093
Ion Ratio Lower Upper
76 100
78 8.4 8.0 12.0





#17

Allyl chloride

Concen: 20.505 ug/l

RT: 2.660 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX039049.D

Acq: 28 Nov 2023 15:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

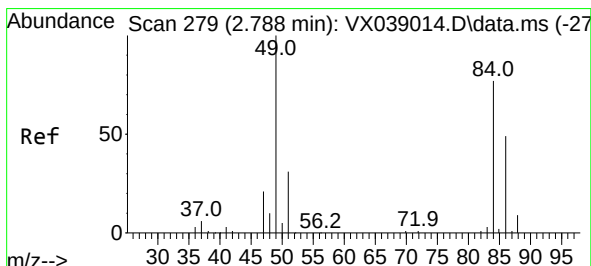
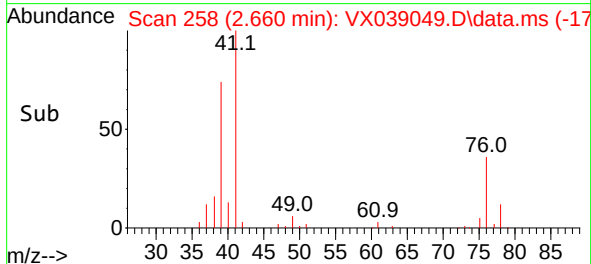
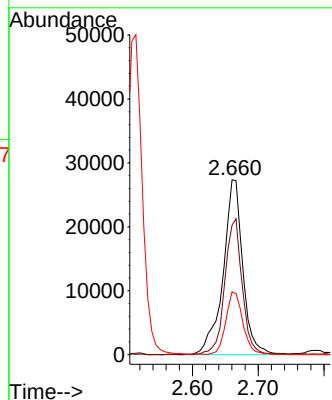
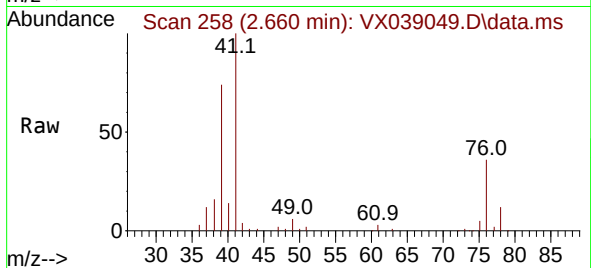
Tgt Ion: 41	Resp: 57230
Ion Ratio	Lower Upper
41 100	
39 74.0	36.5 109.5
76 35.8	19.7 59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#18

Methylene Chloride

Concen: 19.889 ug/l

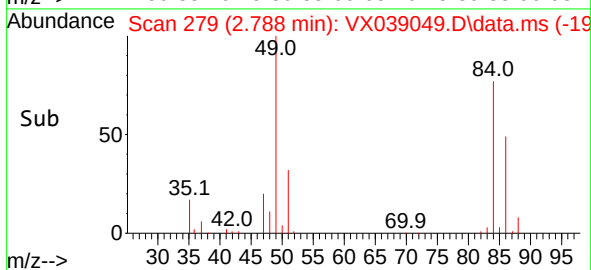
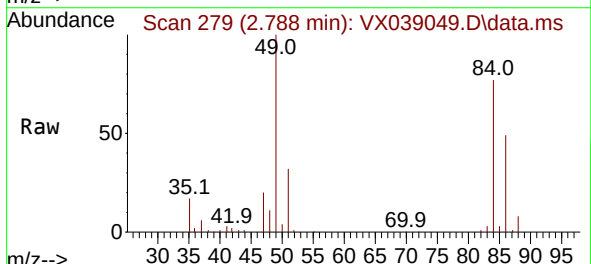
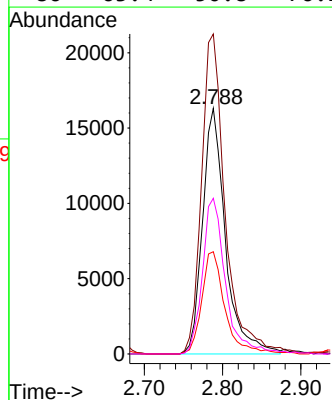
RT: 2.788 min Scan# 279

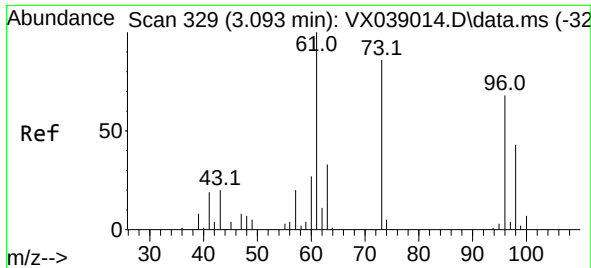
Delta R.T. 0.000 min

Lab File: VX039049.D

Acq: 28 Nov 2023 15:57

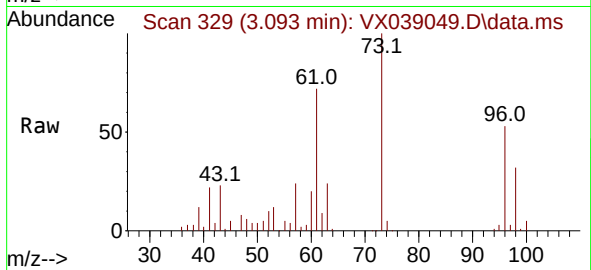
Tgt Ion: 84	Resp: 33149
Ion Ratio	Lower Upper
84 100	
49 130.3	103.8 155.8
51 41.7	31.8 47.6
86 63.4	50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 19.477 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

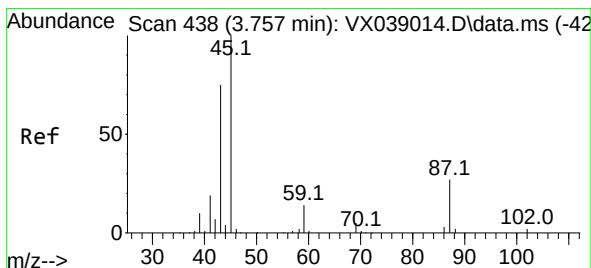
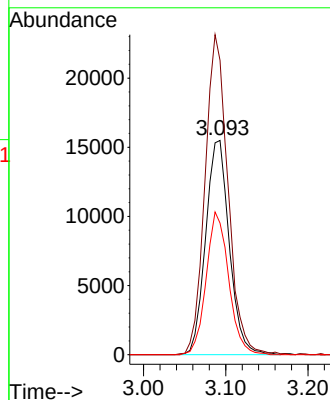
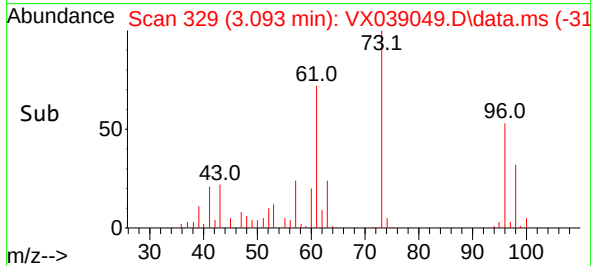
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



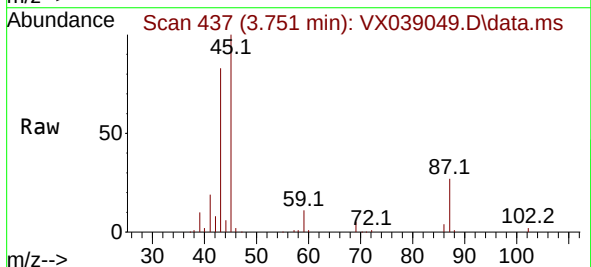
Tgt Ion: 96 Resp: 30974
Ion Ratio Lower Upper
96 100
61 136.8 117.9 176.9
98 61.4 51.0 76.6

Manual Integrations
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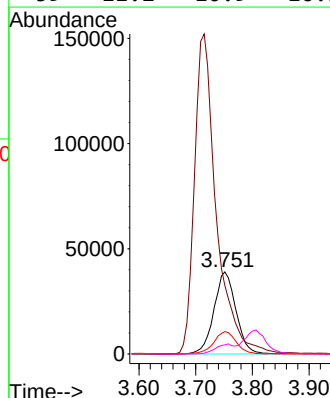
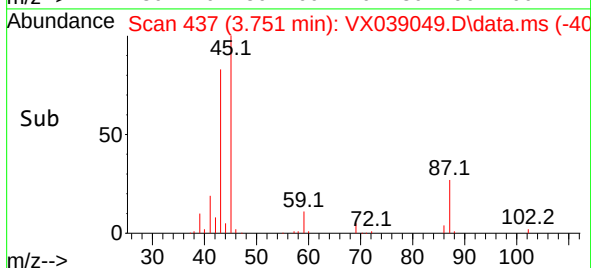
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

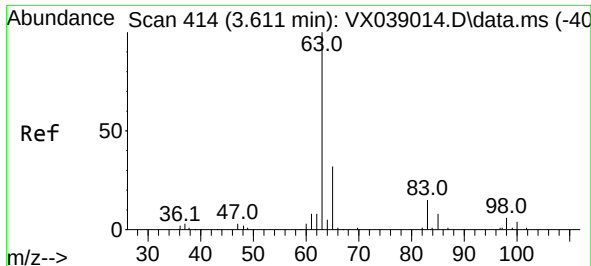


#20
Diisopropyl ether
Concen: 19.805 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57



Tgt Ion: 45 Resp: 105202
Ion Ratio Lower Upper
45 100
43 81.4 67.7 101.5
87 27.3 21.5 32.3
59 11.2 10.9 16.3





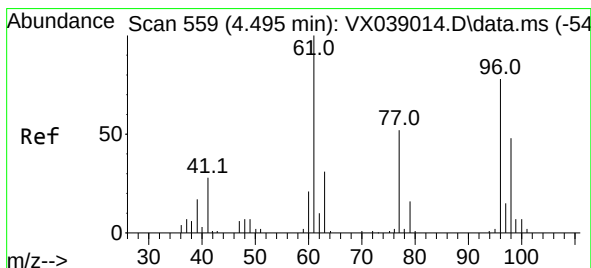
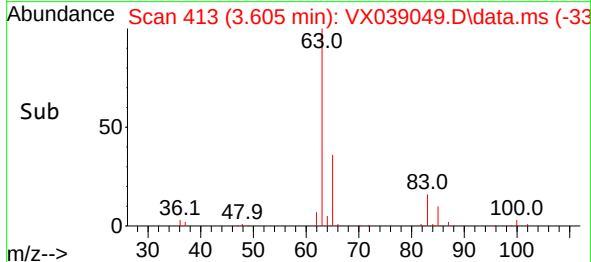
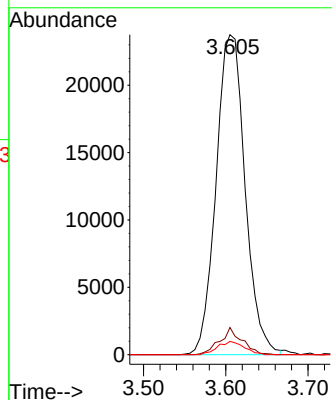
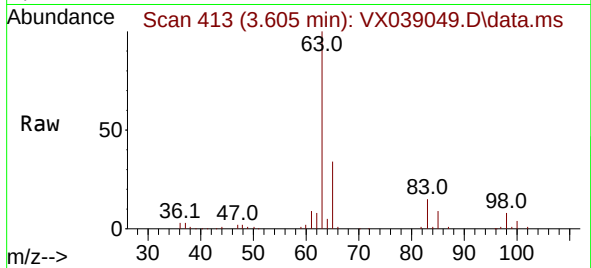
#21
1,1-Dichloroethane
Concen: 19.719 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 58236
Ion Ratio Lower Upper
63 100
98 8.5 2.9 8.8
100 4.2 2.0 5.8

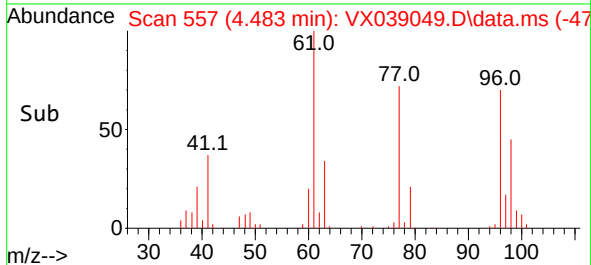
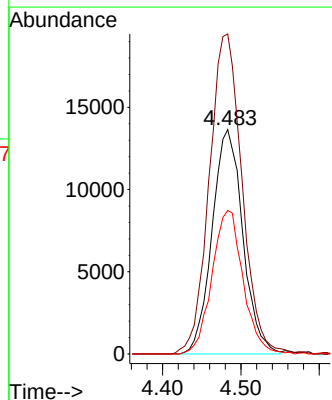
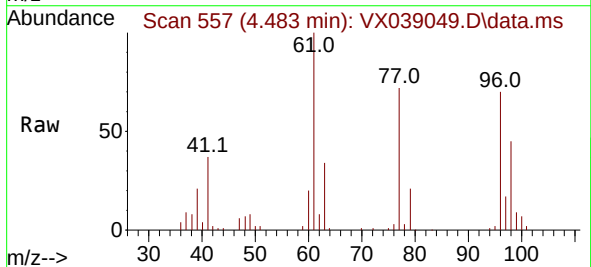
Manual Integrations
APPROVED

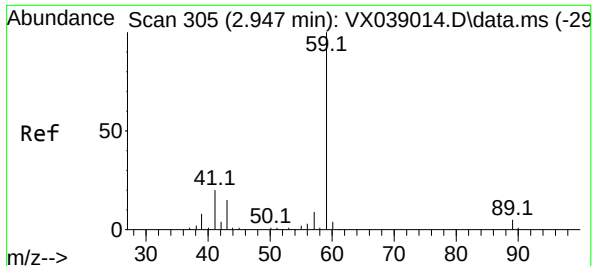
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#22
cis-1,2-Dichloroethene
Concen: 20.183 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion: 96 Resp: 37197
Ion Ratio Lower Upper
96 100
61 151.7 119.8 179.6
98 64.6 50.9 76.3





#23

tert-Butyl Alcohol

Concen: 88.946 ug/l

RT: 2.941 min Scan# 305

Delta R.T. -0.006 min

Lab File: VX039049.D

Acq: 28 Nov 2023 15:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 59 Resp: 52814

Ion Ratio Lower Upper

59 100

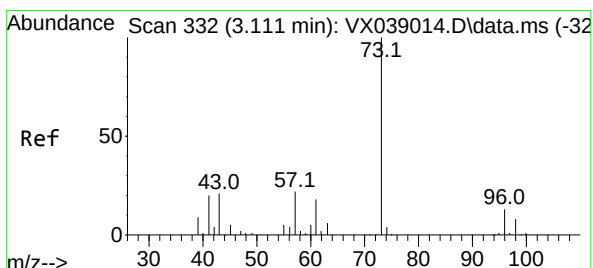
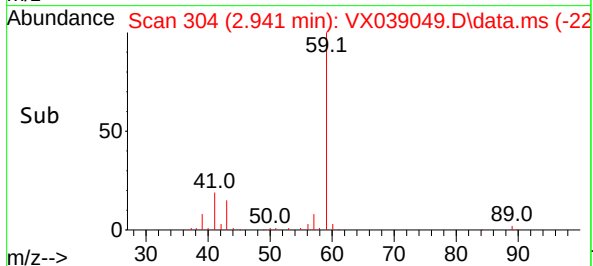
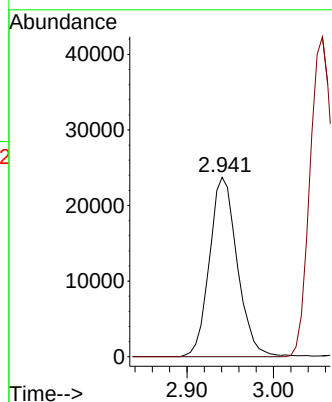
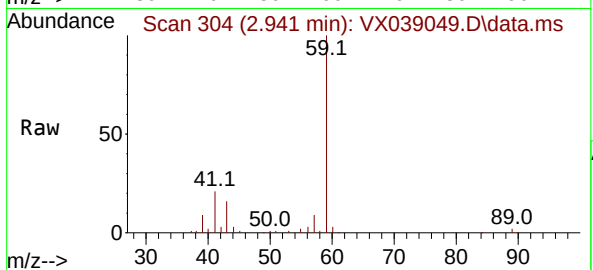
52 0.0 0.0 0.0

Manual Integrations

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Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#24

Methyl tert-Butyl Ether

Concen: 19.852 ug/l

RT: 3.105 min Scan# 331

Delta R.T. -0.006 min

Lab File: VX039049.D

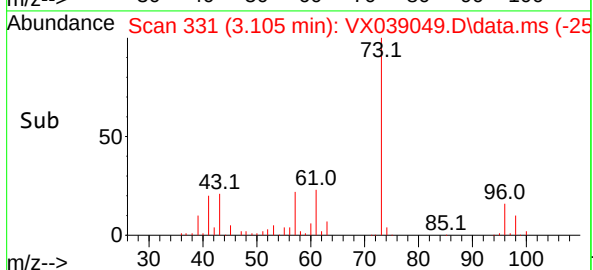
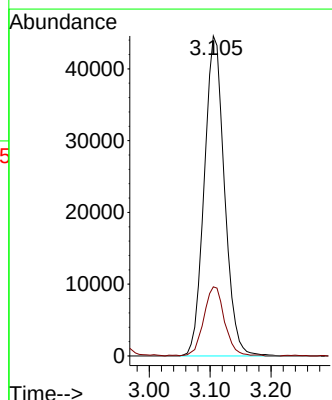
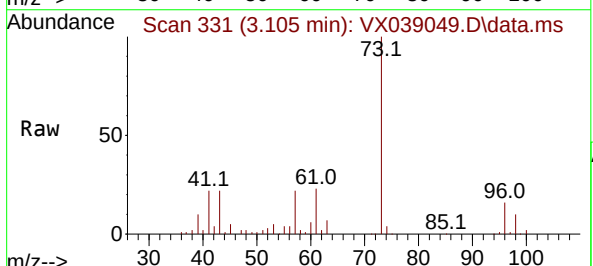
Acq: 28 Nov 2023 15:57

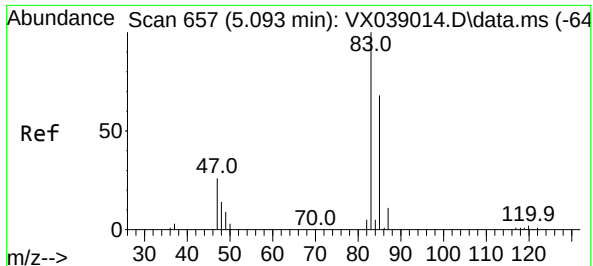
Tgt Ion: 73 Resp: 102825

Ion Ratio Lower Upper

73 100

43 22.0 17.0 25.6





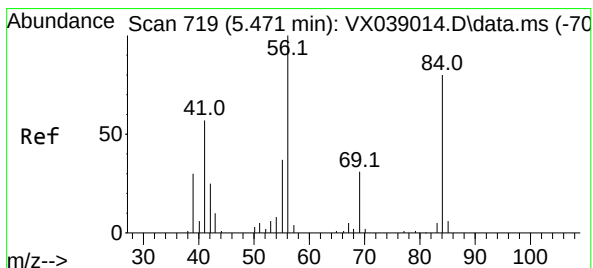
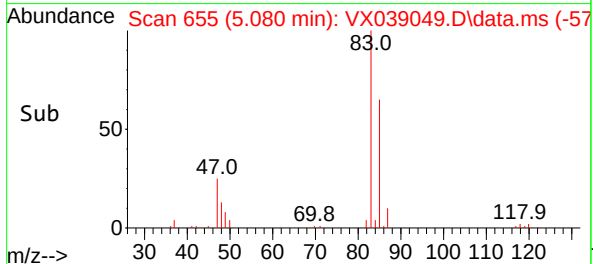
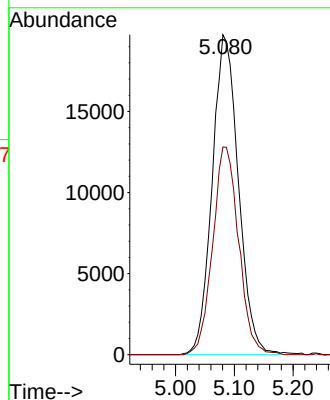
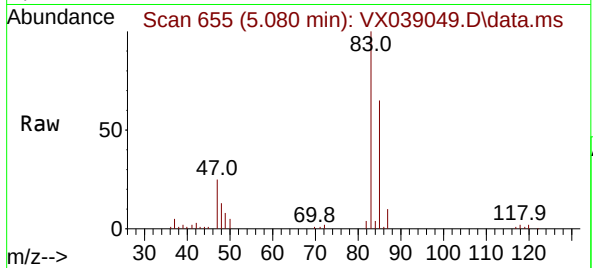
#25
Chloroform
Concen: 20.628 ug/l
RT: 5.080 min Scan# 61140
Delta R.T. -0.012 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 61140
Ion Ratio Lower Upper
83 100
85 64.9 54.6 81.8

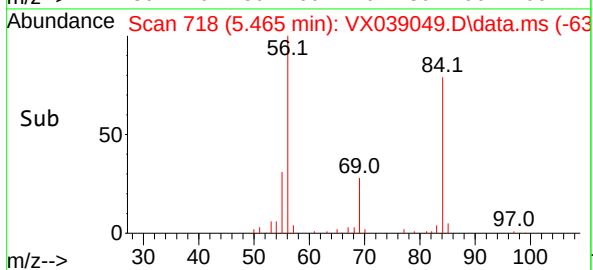
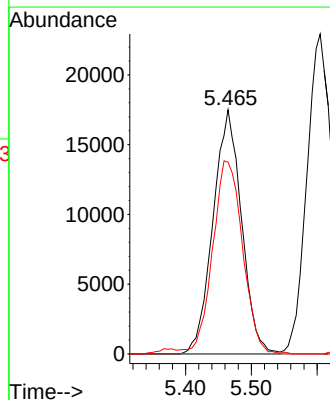
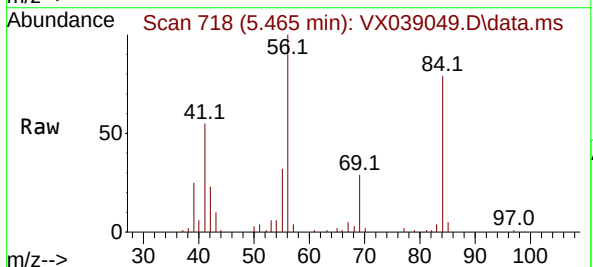
Manual Integrations
APPROVED

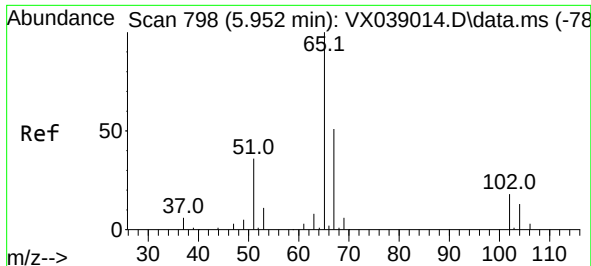
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#26
Cyclohexane
Concen: 19.739 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion: 56 Resp: 52764
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 82.4 67.2 100.8





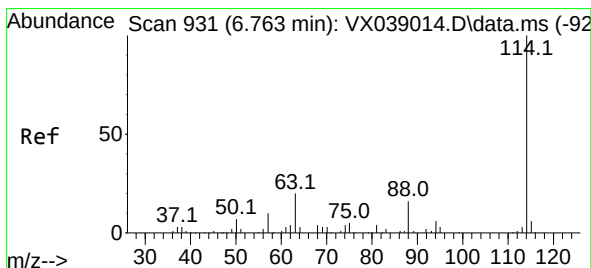
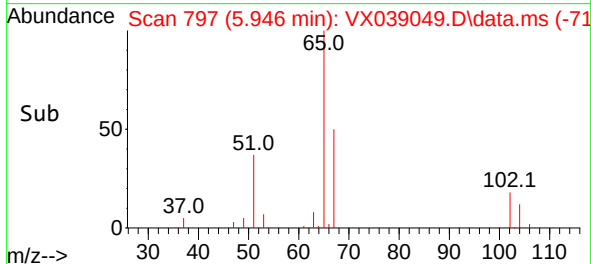
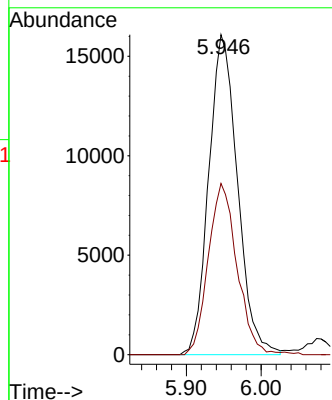
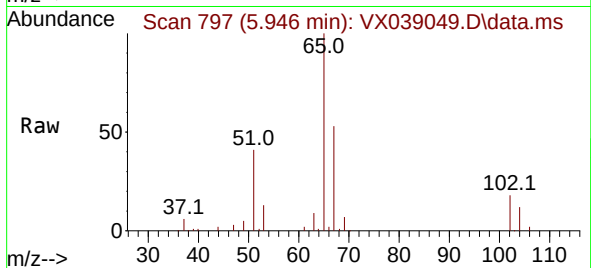
#27
1,2-Dichloroethane-d4
Concen: 30.454 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 4306
Ion Ratio Lower Upper
65 100
67 53.0 42.5 63.7

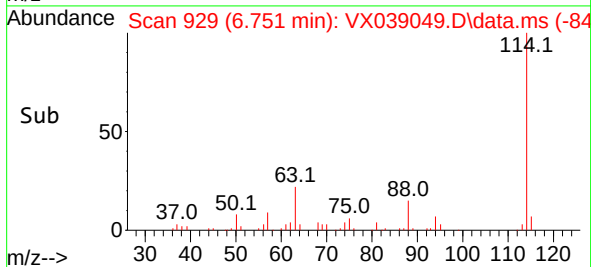
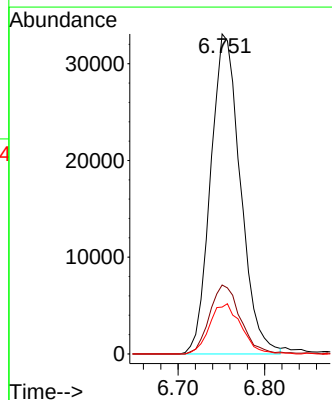
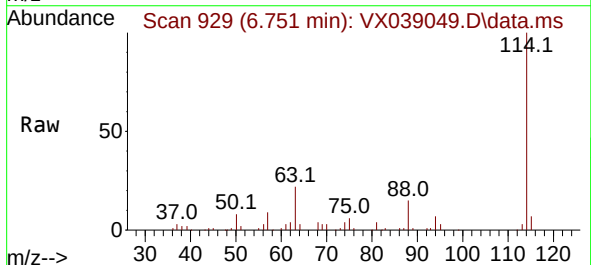
Manual Integrations
APPROVED

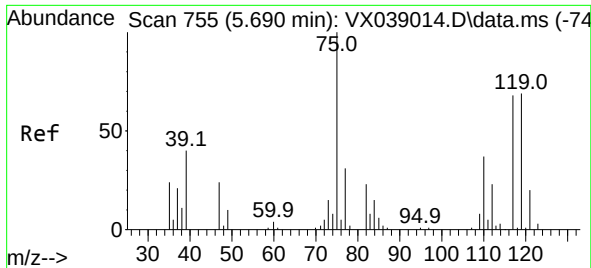
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.012 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion:114 Resp: 79046
Ion Ratio Lower Upper
114 100
63 22.4 17.0 25.4
88 16.5 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.993 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX039049.D

Acq: 28 Nov 2023 15:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

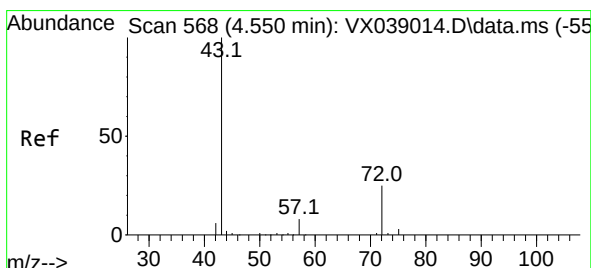
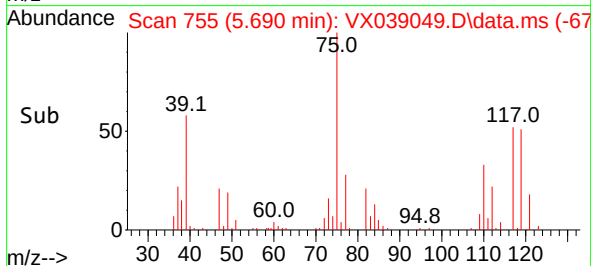
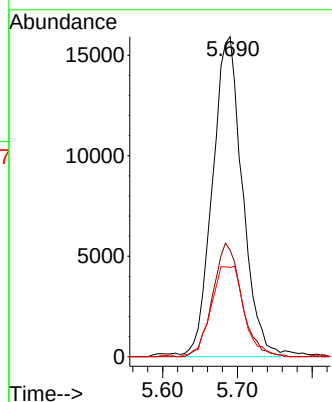
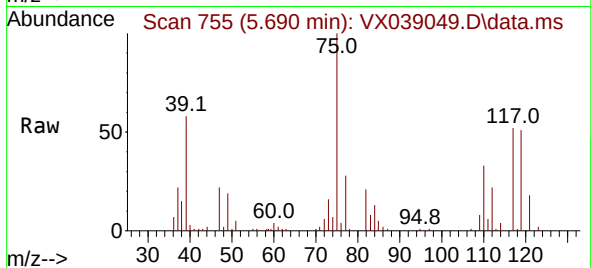
Tgt Ion: 75	Resp: 4430
Ion Ratio	Lower Upper
75 100	
110 34.1	0.0 71.2
77 19.2	0.0 62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#30

2-Butanone

Concen: 97.206 ug/l

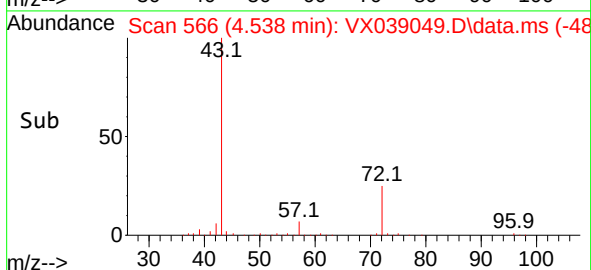
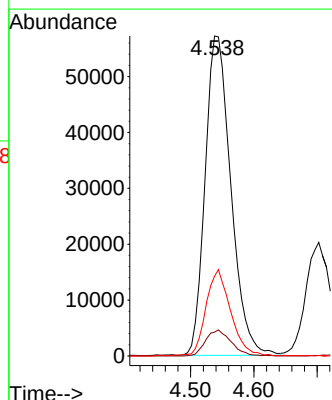
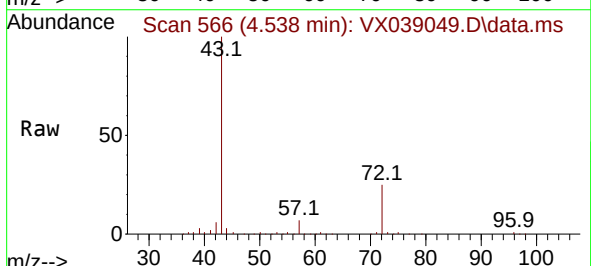
RT: 4.538 min Scan# 566

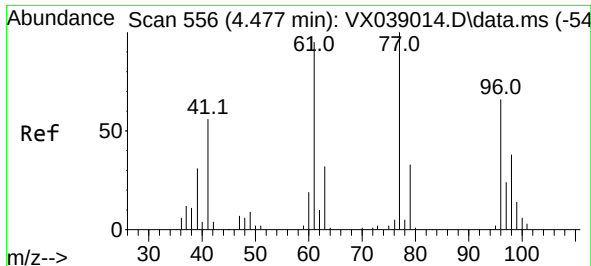
Delta R.T. -0.012 min

Lab File: VX039049.D

Acq: 28 Nov 2023 15:57

Tgt Ion: 43	Resp: 162173
Ion Ratio	Lower Upper
43 100	
57 8.0	6.6 10.0
72 25.8	20.6 31.0





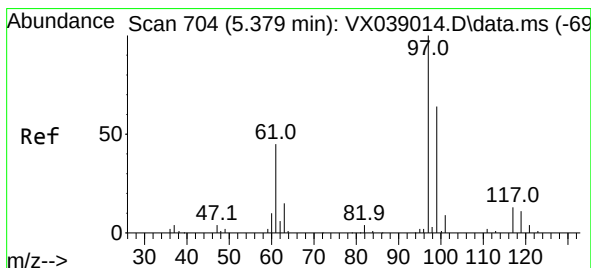
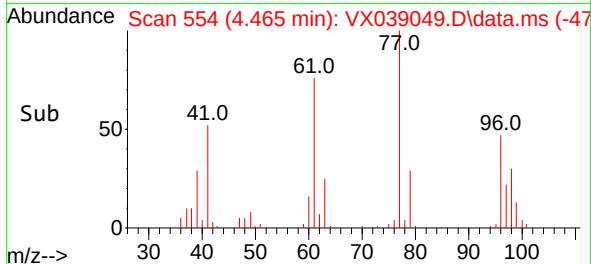
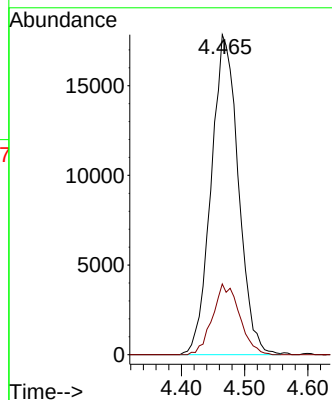
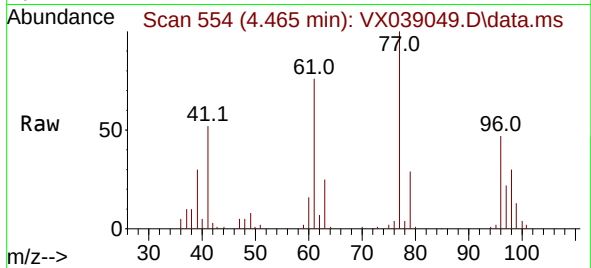
#31
2,2-Dichloropropane
Concen: 21.017 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.012 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 53248
Ion Ratio Lower Upper
77 100
97 22.0 18.2 27.4

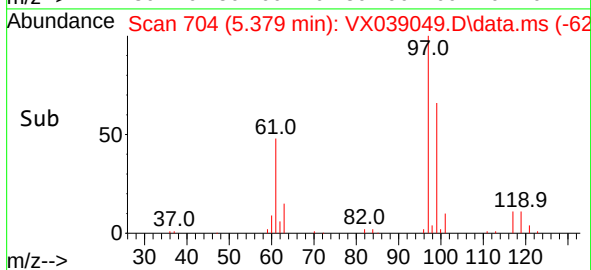
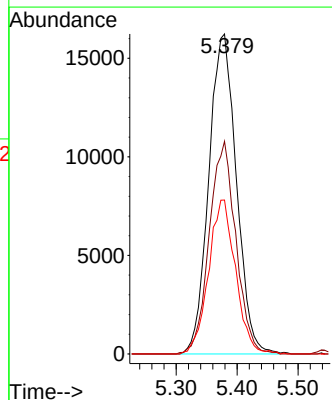
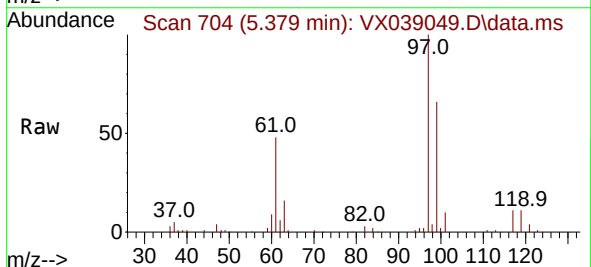
Manual Integrations
APPROVED

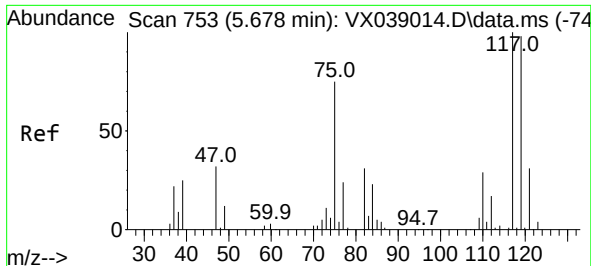
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#32
1,1,1-Trichloroethane
Concen: 19.985 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

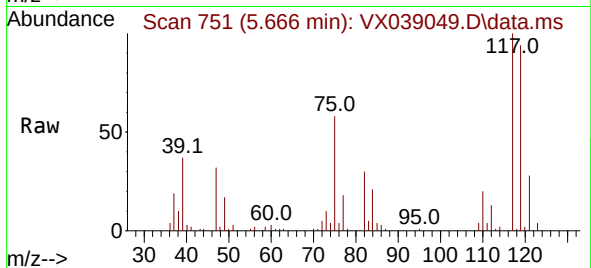
Tgt Ion: 97 Resp: 51184
Ion Ratio Lower Upper
97 100
99 64.0 52.6 79.0
61 46.8 36.9 55.3





#33
Carbon Tetrachloride
Concen: 20.043 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

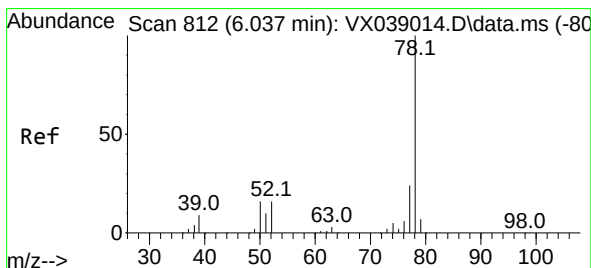
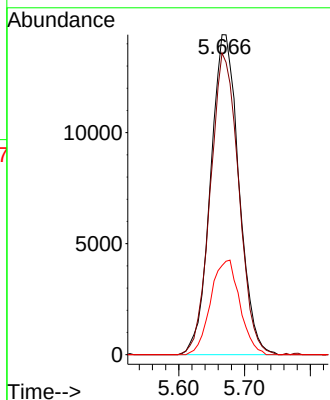
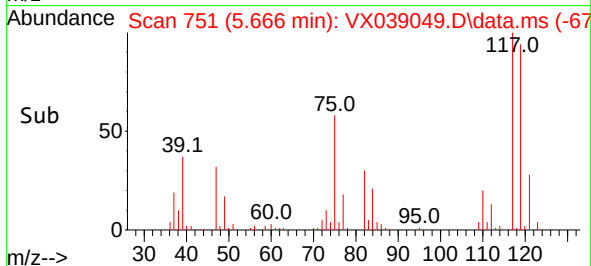
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 43239
Ion Ratio Lower Upper
117 100
119 94.2 78.2 117.4
121 27.9 24.7 37.1

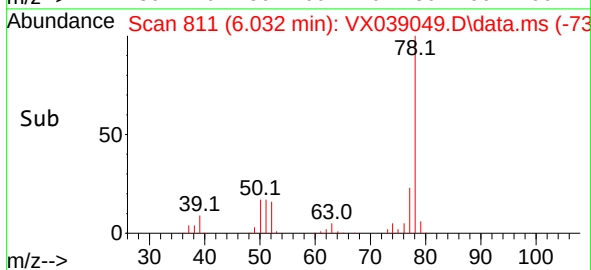
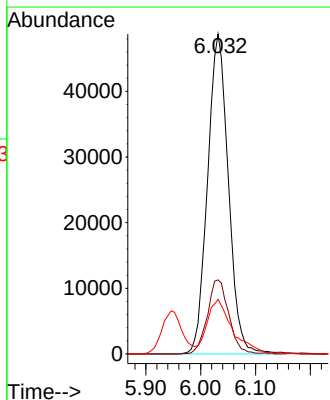
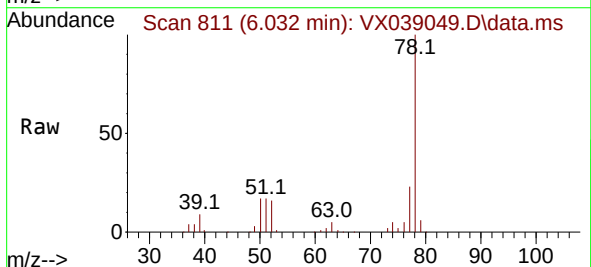
Manual Integrations
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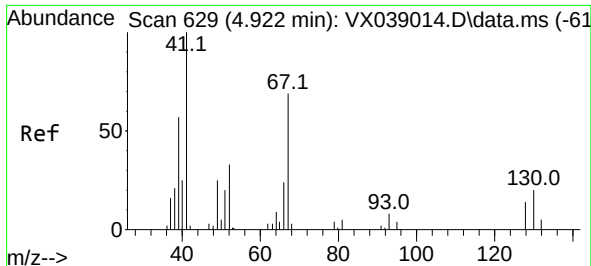
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#34
Benzene
Concen: 19.907 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

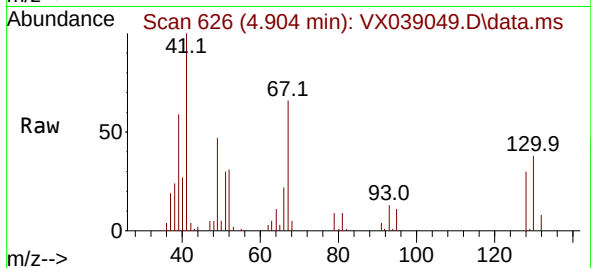
Tgt Ion: 78 Resp: 128497
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9
51 16.9 14.4 21.6





#35
Methacrylonitrile
Concen: 20.138 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

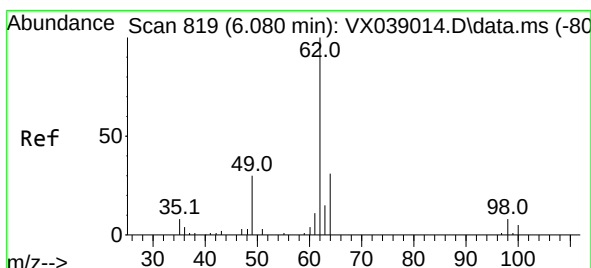
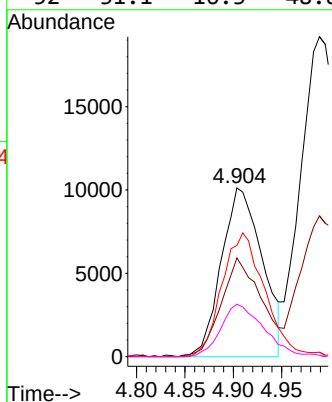
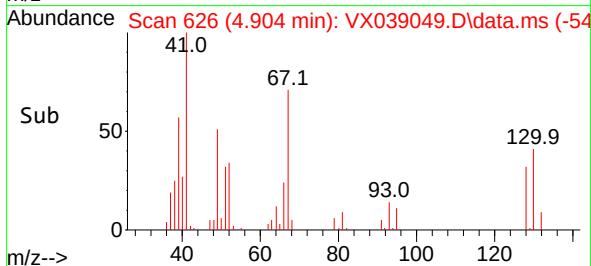
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 29760
Ion Ratio Lower Upper
41 100
39 58.5 28.2 84.7
67 65.9 34.5 103.5
52 31.1 16.3 48.8

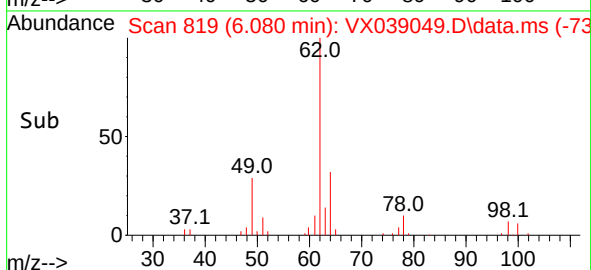
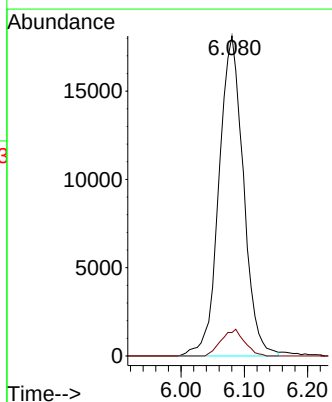
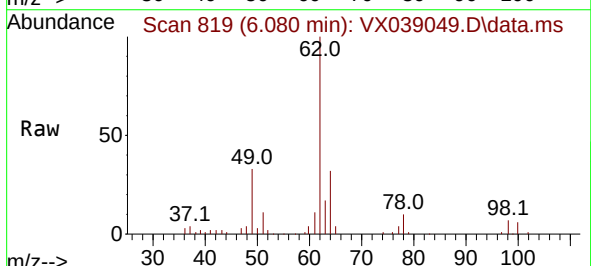
Manual Integrations
APPROVED

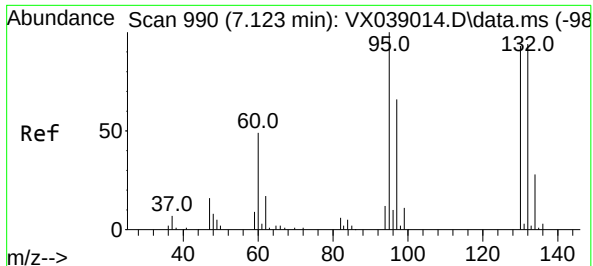
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#36
1,2-Dichloroethane
Concen: 20.556 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion: 62 Resp: 48687
Ion Ratio Lower Upper
62 100
98 7.9 7.0 10.4





#37

Trichloroethene

Concen: 19.888 ug/l

RT: 7.117 min Scan# 90

Delta R.T. -0.006 min

Lab File: VX039049.D

Acq: 28 Nov 2023 15:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 3258

Ion Ratio Lower Upper

130 100

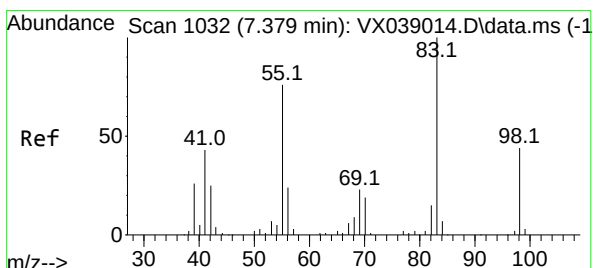
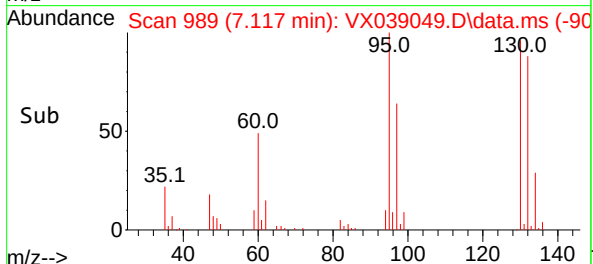
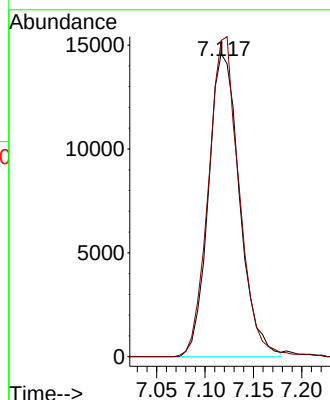
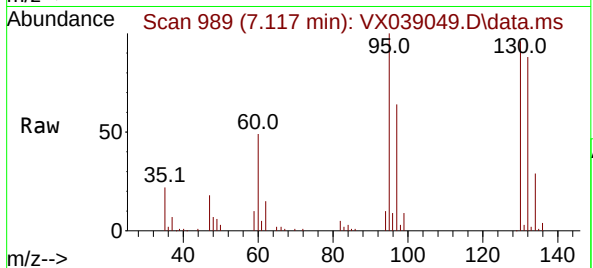
95 103.8 85.8 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#38

Methylcyclohexane

Concen: 20.050 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX039049.D

Acq: 28 Nov 2023 15:57

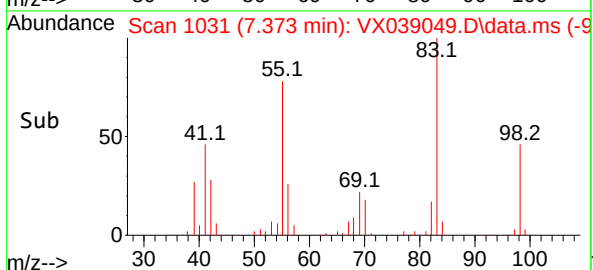
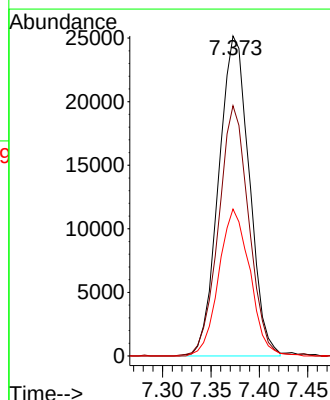
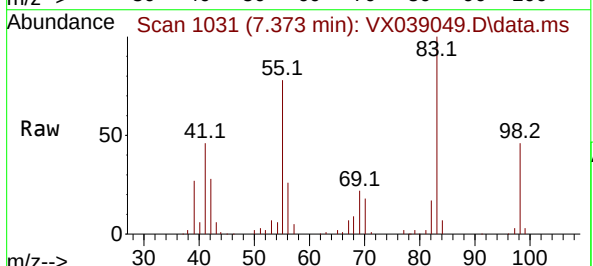
Tgt Ion: 83 Resp: 55357

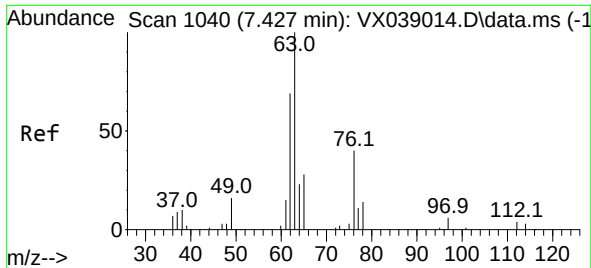
Ion Ratio Lower Upper

83 100

55 77.3 38.6 116.0

98 46.7 22.3 66.8





#39

1,2-Dichloropropane

Concen: 19.680 ug/l

RT: 7.422 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX039049.D

Acq: 28 Nov 2023 15:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 3350

Ion Ratio Lower Upper

63 100

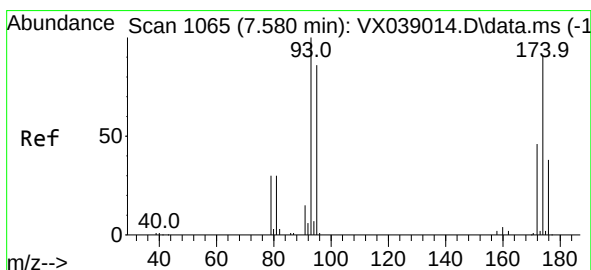
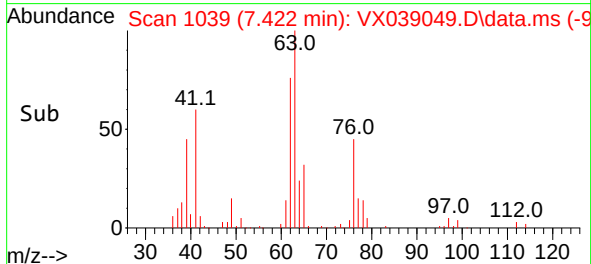
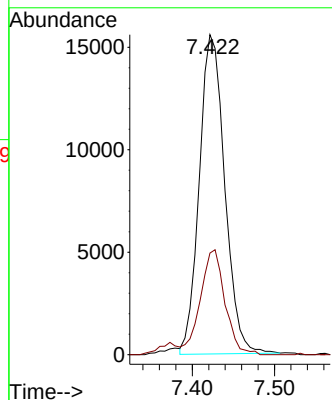
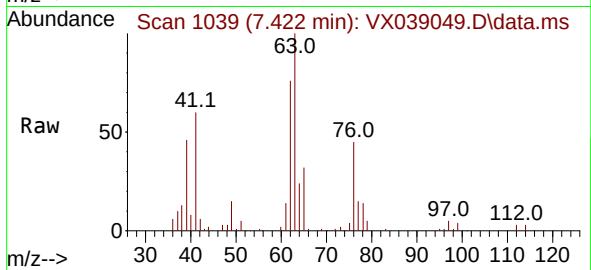
65 31.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#40

Dibromomethane

Concen: 20.711 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX039049.D

Acq: 28 Nov 2023 15:57

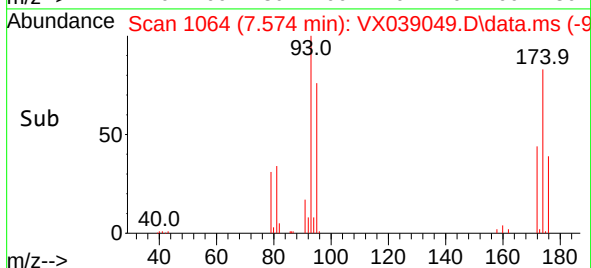
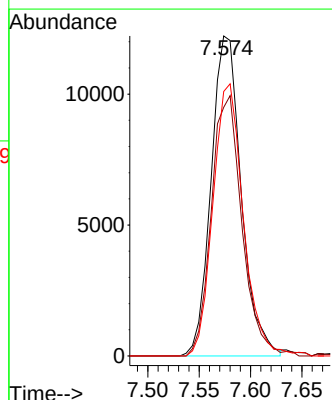
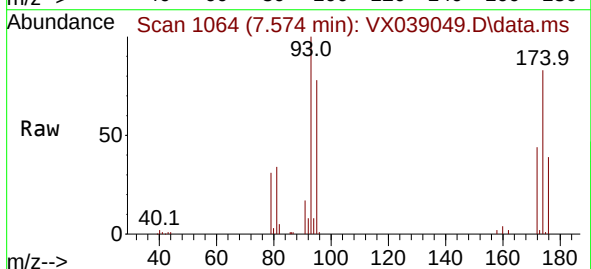
Tgt Ion: 93 Resp: 24912

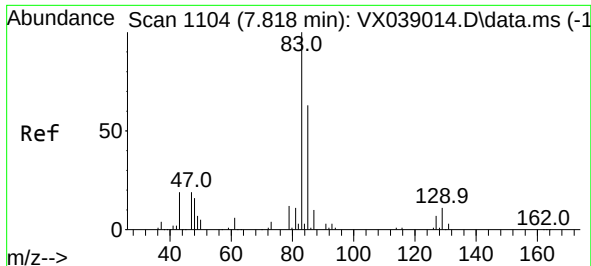
Ion Ratio Lower Upper

93 100

95 82.1 0.0 163.4

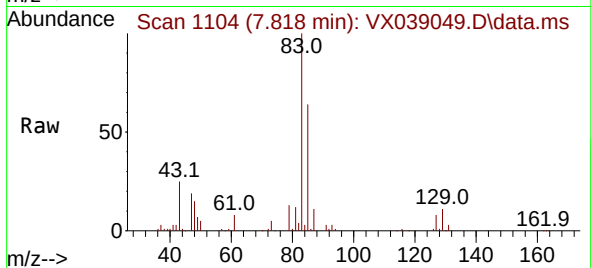
174 85.4 0.0 166.4





#41
Bromodichloromethane
Concen: 20.623 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

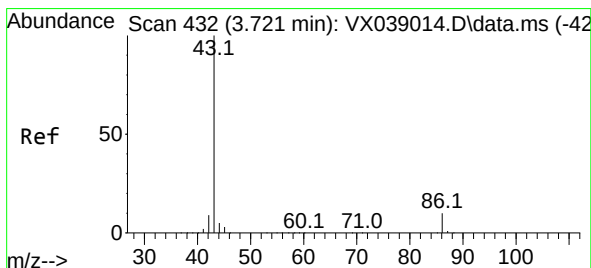
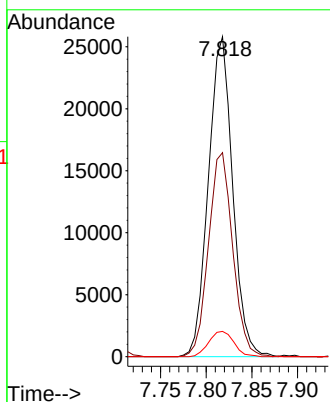
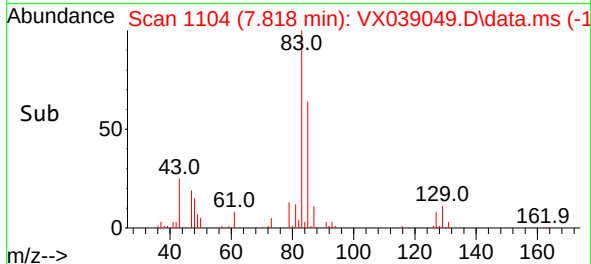
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



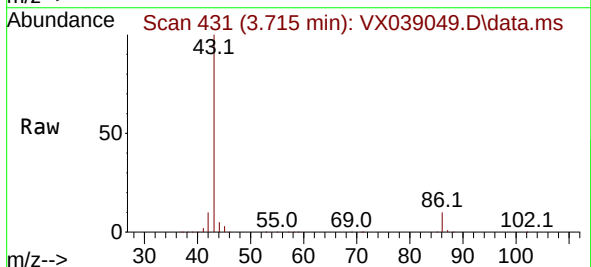
Tgt Ion: 83 Resp: 47650
Ion Ratio Lower Upper
83 100
85 63.8 50.8 76.2
127 7.9 5.9 8.9

Manual Integrations
APPROVED

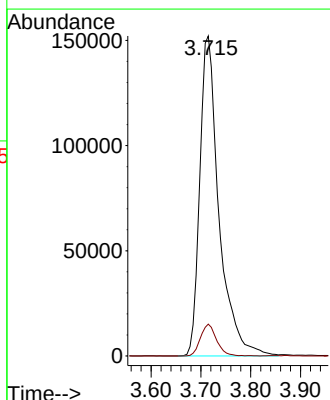
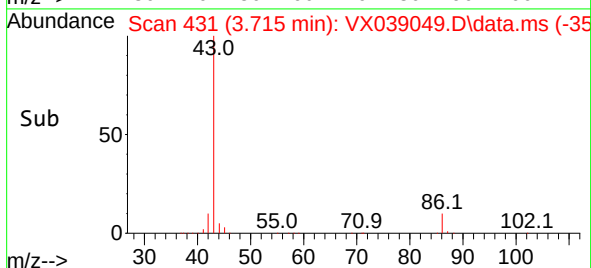
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

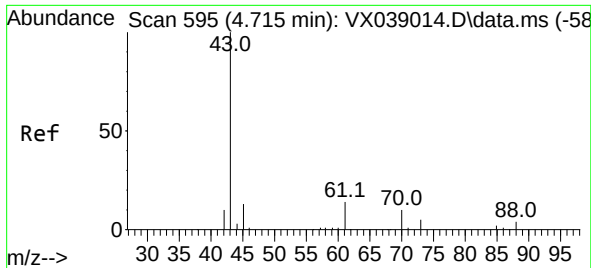


#42
Vinyl Acetate
Concen: 102.599 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57



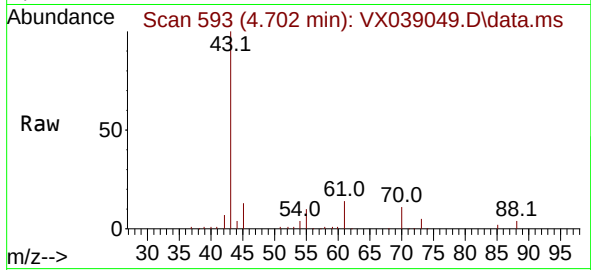
Tgt Ion: 43 Resp: 407691
Ion Ratio Lower Upper
43 100
86 8.3 6.7 10.1





#43
Ethyl Acetate
Concen: 20.043 ug/l
RT: 4.702 min Scan# 595
Delta R.T. -0.012 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

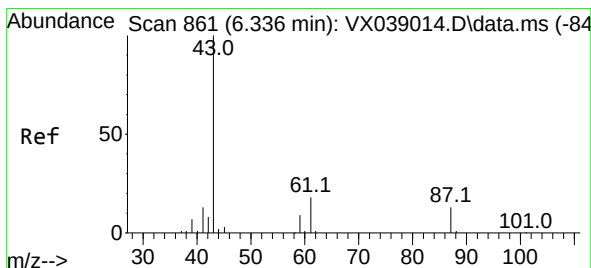
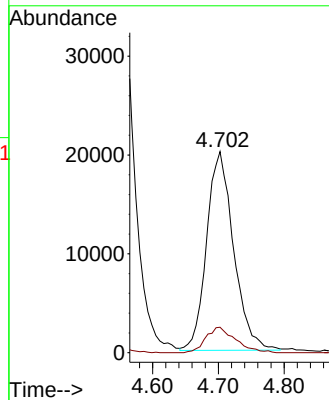
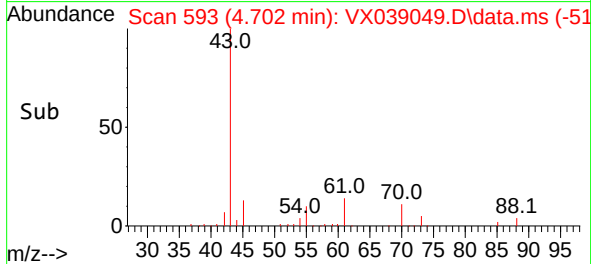
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



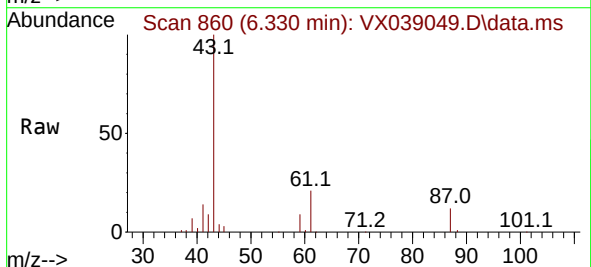
Tgt Ion: 43 Resp: 57528
Ion Ratio Lower Upper
43 100
45 13.9 11.8 17.8

Manual Integrations
APPROVED

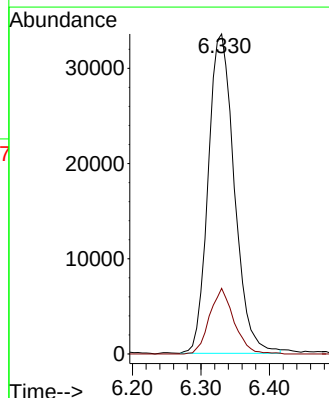
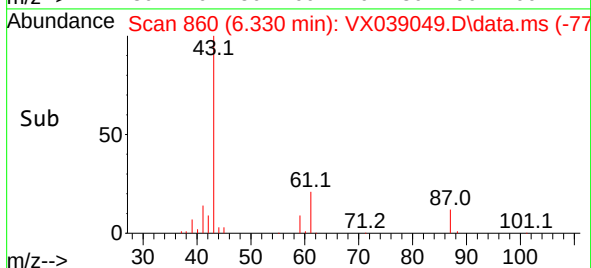
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

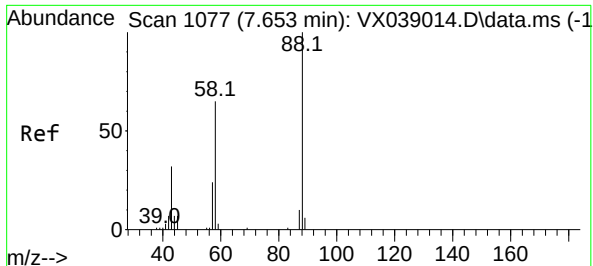


#44
Isopropyl Acetate
Concen: 19.647 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57



Tgt Ion: 43 Resp: 88895
Ion Ratio Lower Upper
43 100
61 19.2 15.6 23.4





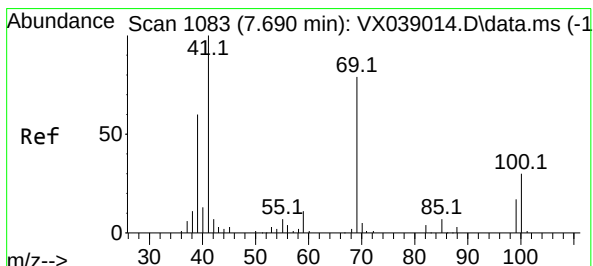
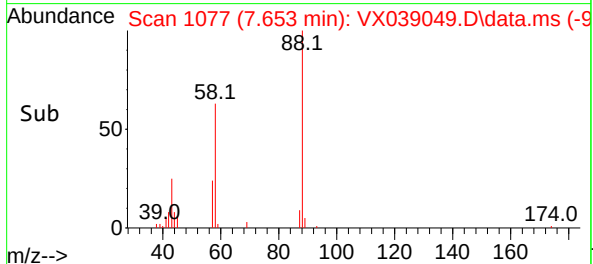
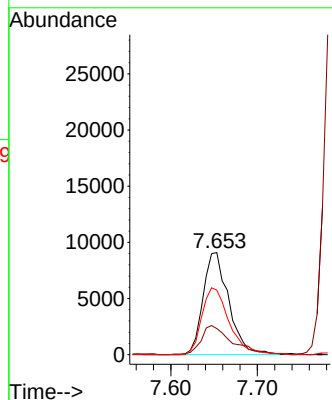
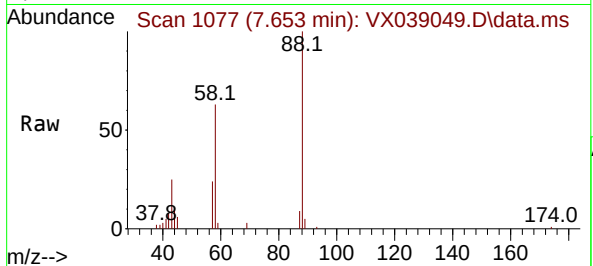
#45
1,4-Dioxane
Concen: 405.085 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 88 Resp: 1871
Ion Ratio Lower Upper
88 100
43 34.5 28.1 42.1
58 69.5 57.7 86.5

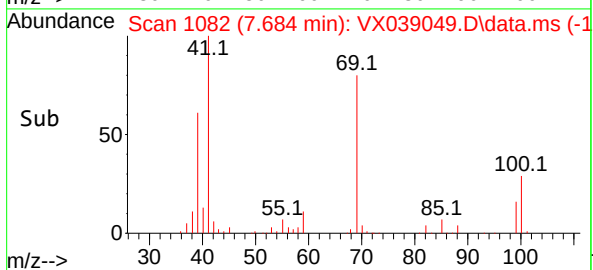
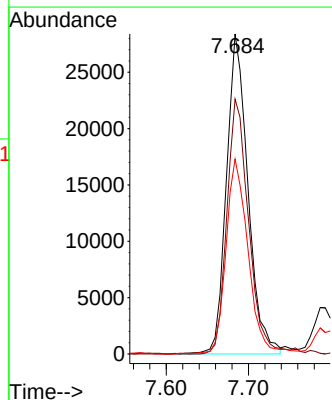
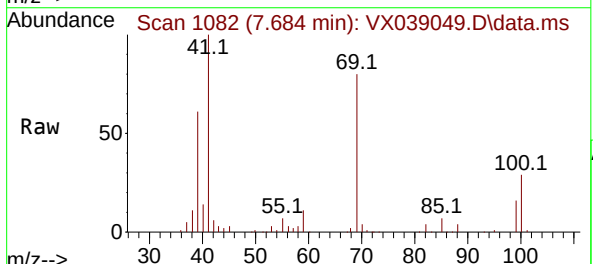
Manual Integrations
APPROVED

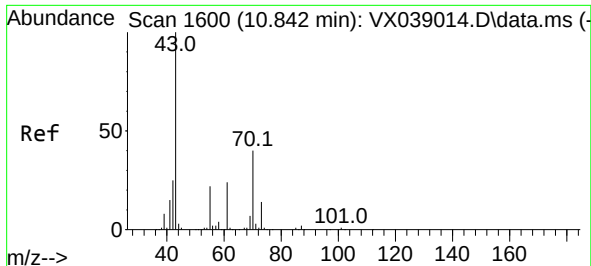
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#46
Methyl methacrylate
Concen: 19.988 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion: 41 Resp: 51709
Ion Ratio Lower Upper
41 100
69 79.7 39.6 118.8
39 60.6 30.1 90.3





#47

n-amyl acetate

Concen: 19.034 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039049.D

Acq: 28 Nov 2023 15:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 72894

Ion Ratio Lower Upper

43 100

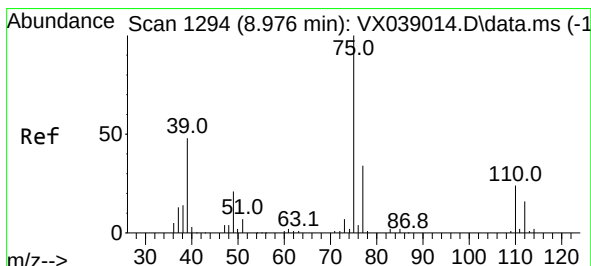
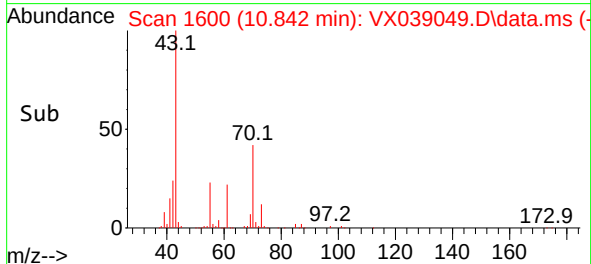
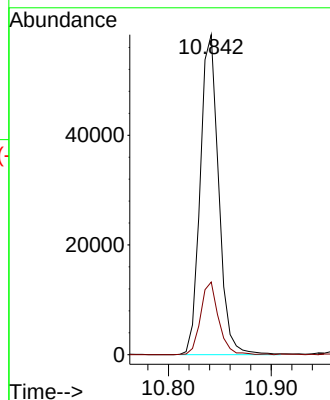
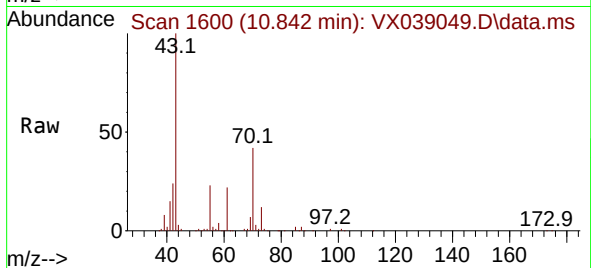
55 21.8 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#48

t-1,3-dichloropropene

Concen: 19.531 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX039049.D

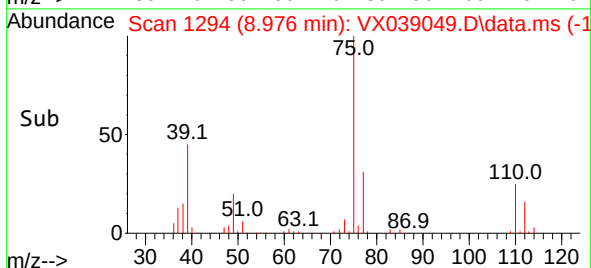
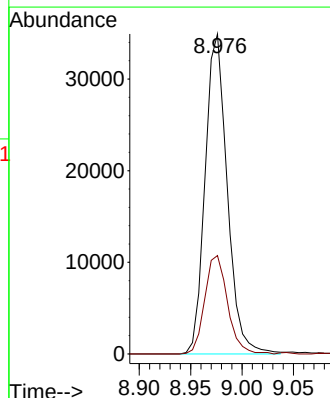
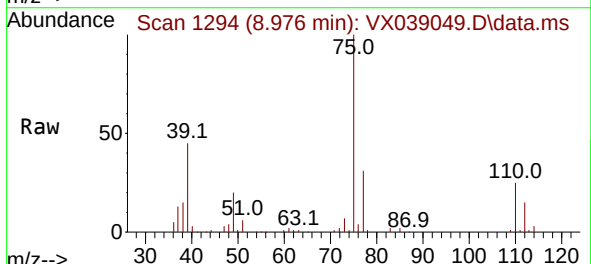
Acq: 28 Nov 2023 15:57

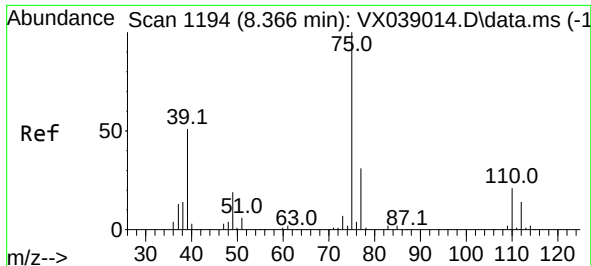
Tgt Ion: 75 Resp: 52330

Ion Ratio Lower Upper

75 100

77 30.8 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 20.200 ug/l

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX039049.D

Acq: 28 Nov 2023 15:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 5583

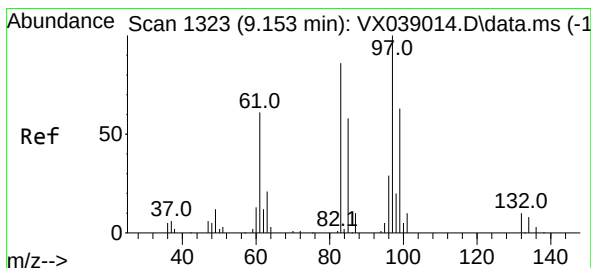
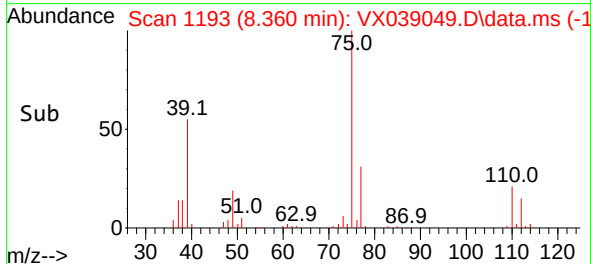
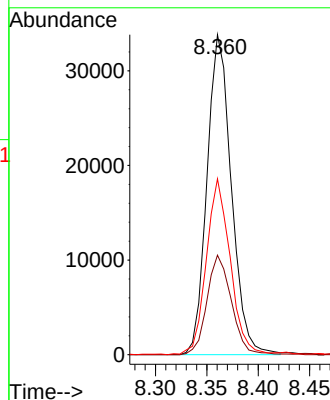
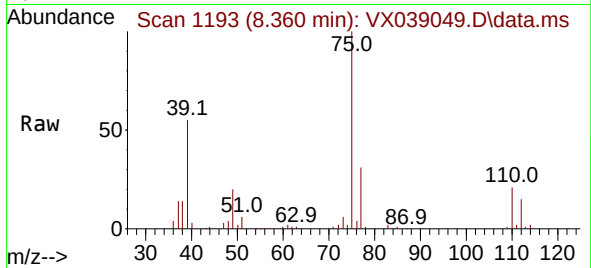
Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.4	36.6
39	54.8	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#50

1,1,2-Trichloroethane

Concen: 20.134 ug/l

RT: 9.147 min Scan# 1322

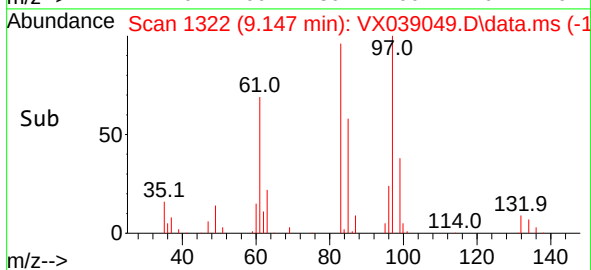
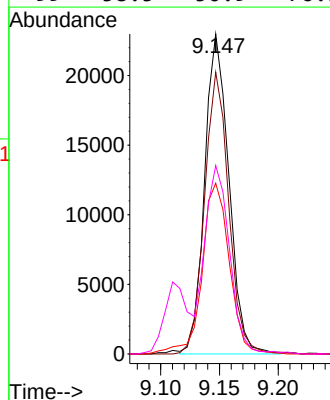
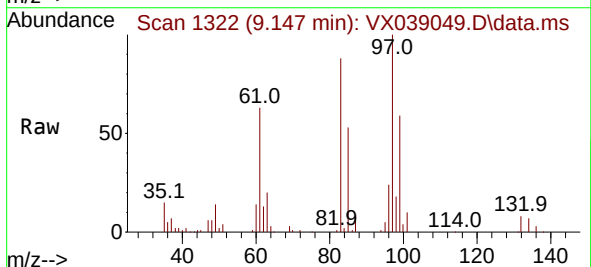
Delta R.T. -0.006 min

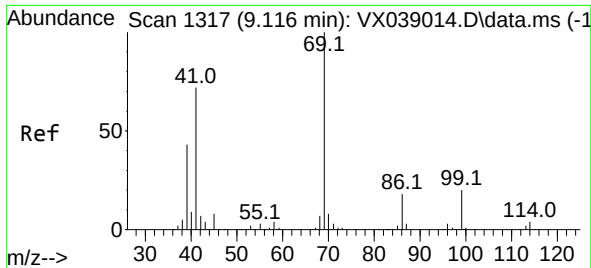
Lab File: VX039049.D

Acq: 28 Nov 2023 15:57

Tgt Ion: 97 Resp: 32898

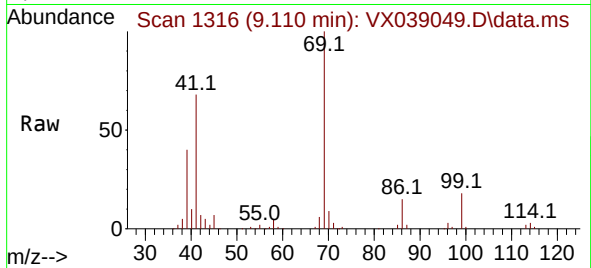
Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.0	103.6
85	53.2	46.3	69.5
99	58.5	50.9	76.3





#51
Ethyl methacrylate
Concen: 19.736 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

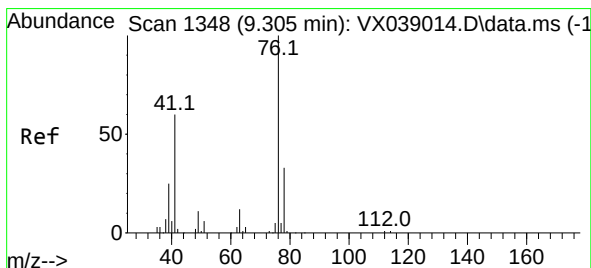
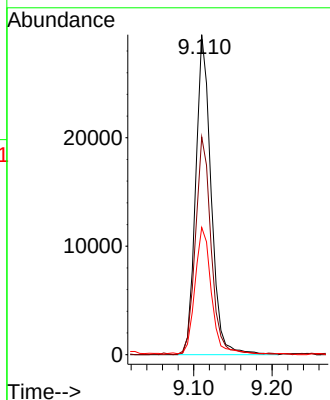
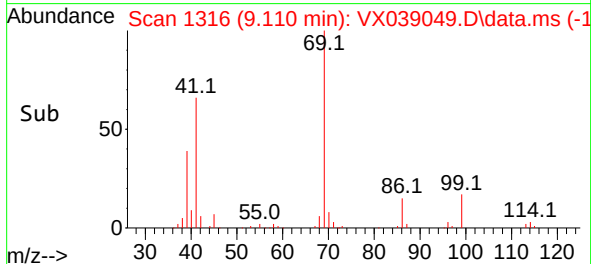
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



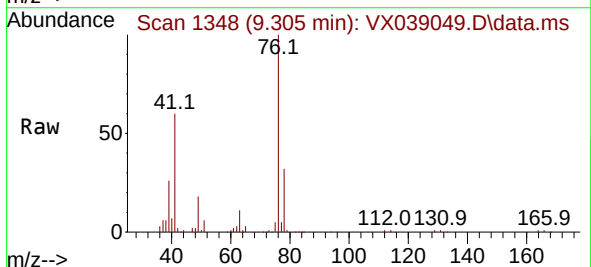
Tgt Ion: 69 Resp: 4036
Ion Ratio Lower Upper
69 100
41 67.8 36.2 108.6
39 39.4 21.1 63.4

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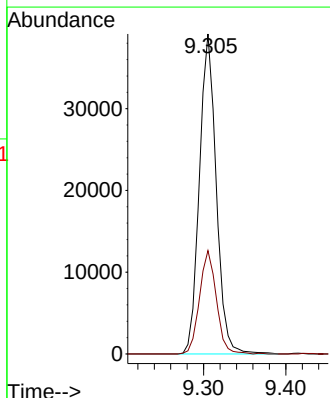
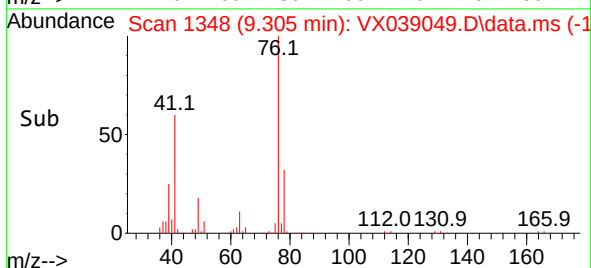
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

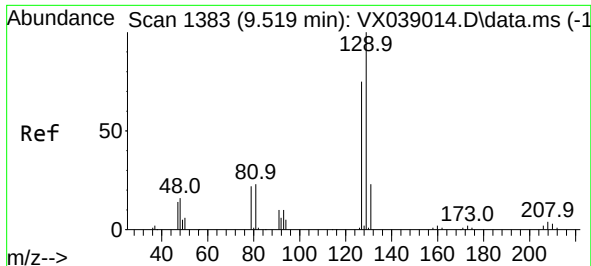


#52
1,3-Dichloropropane
Concen: 19.898 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57



Tgt Ion: 76 Resp: 55750
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.0





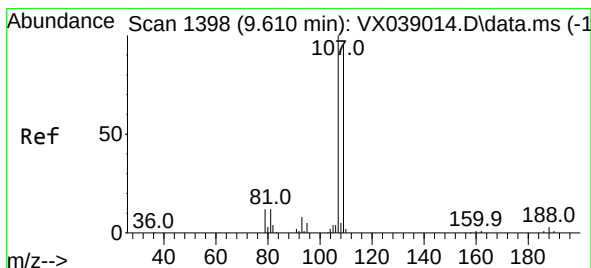
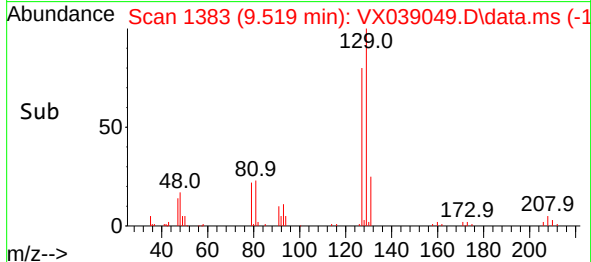
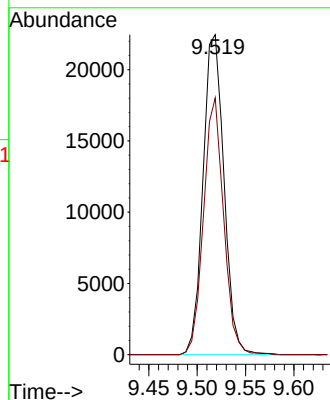
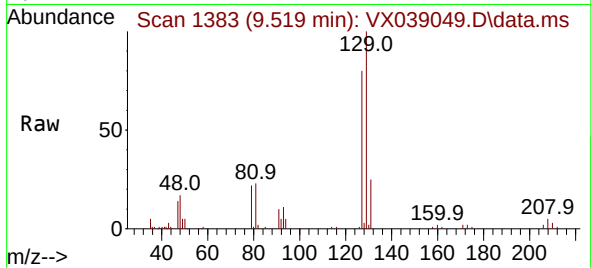
#53
Dibromochloromethane
Concen: 19.311 ug/l
RT: 9.519 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 3388
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.9

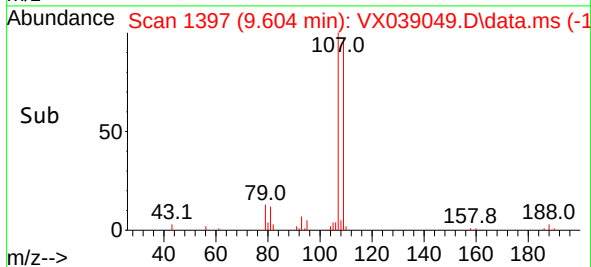
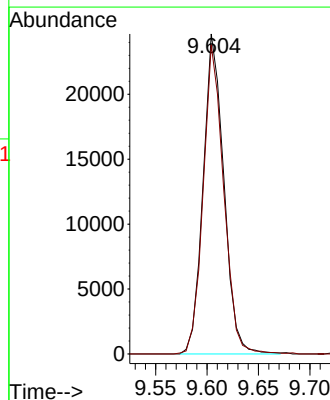
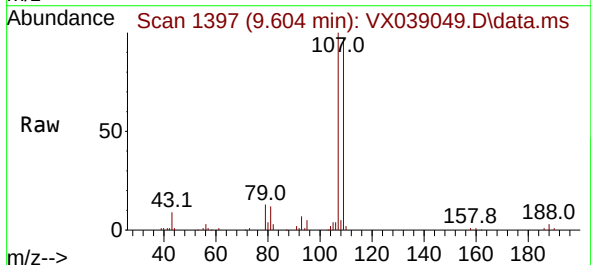
Manual Integrations
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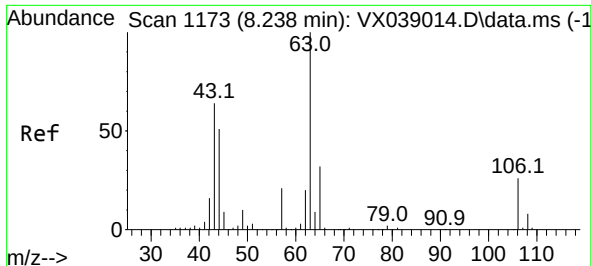
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#54
1,2-Dibromoethane
Concen: 19.268 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion:107 Resp: 34525
Ion Ratio Lower Upper
107 100
109 95.3 75.1 112.7





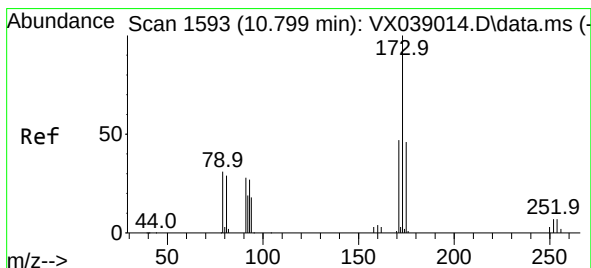
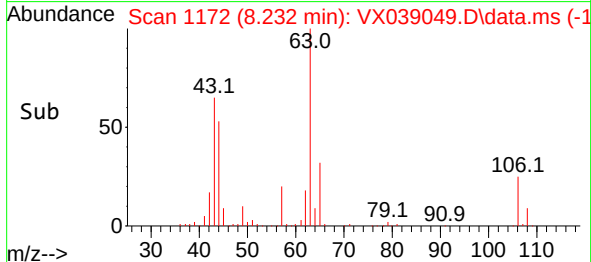
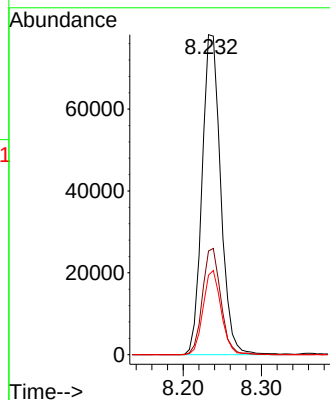
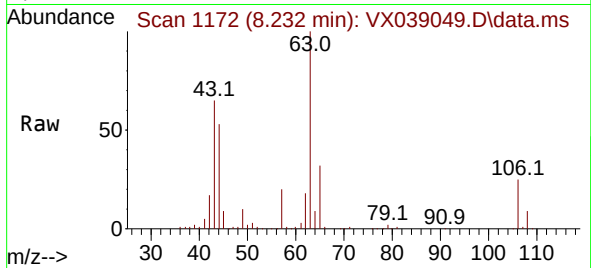
#55
2-Chloroethyl vinyl ether
Concen: 99.546 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 129054
Ion Ratio Lower Upper
63 100
65 32.6 25.8 38.6
106 25.3 20.6 31.0

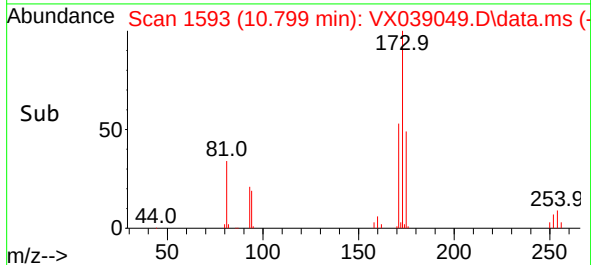
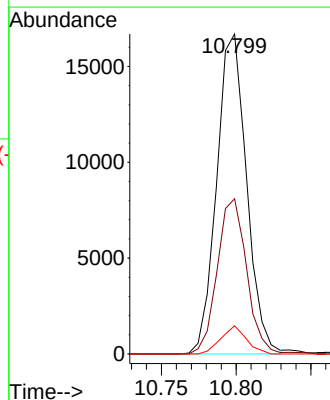
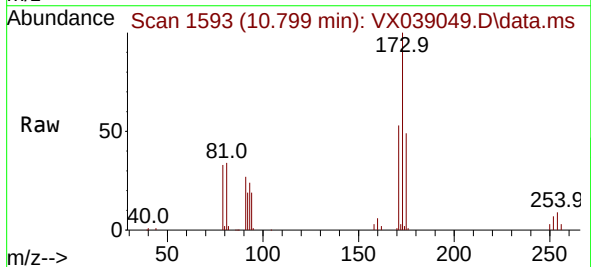
Manual Integrations
APPROVED

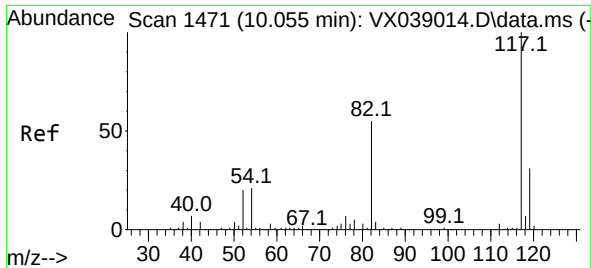
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#56
Bromoform
Concen: 18.298 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion:173 Resp: 23174
Ion Ratio Lower Upper
173 100
175 47.5 37.6 56.4
254 7.5 5.8 8.8





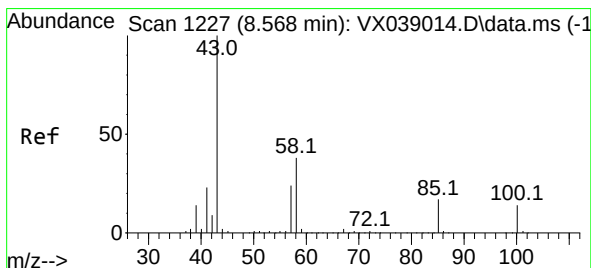
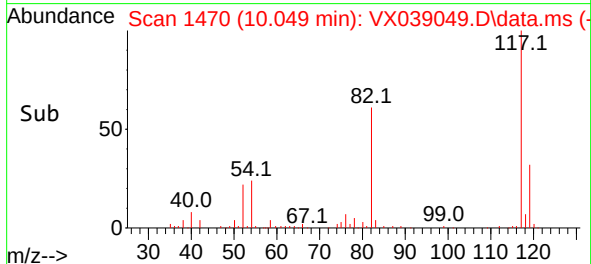
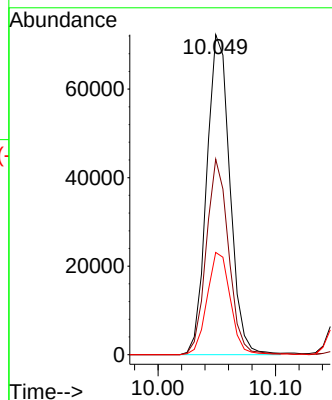
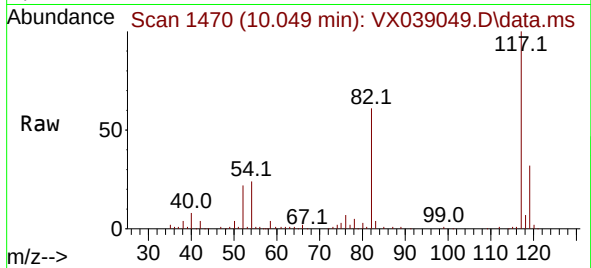
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:117 Resp: 99110
Ion Ratio Lower Upper
117 100
82 59.1 47.0 70.6
119 32.1 25.2 37.8

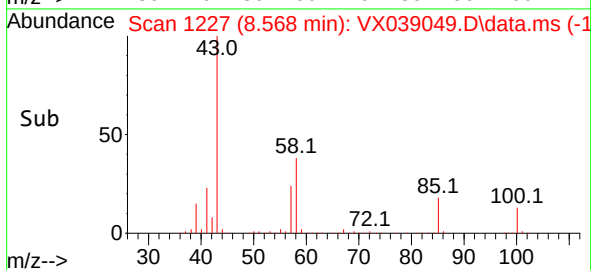
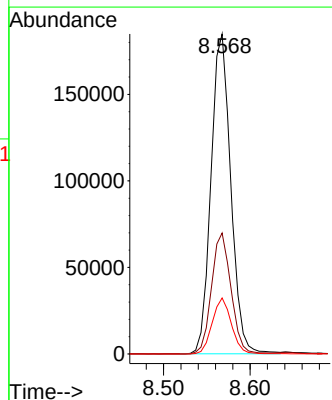
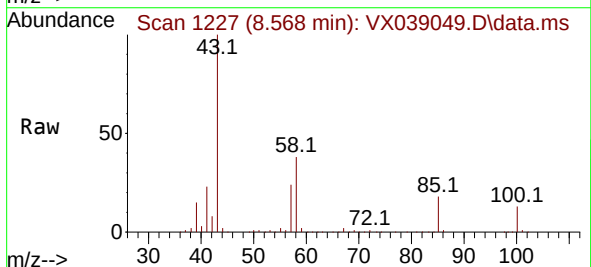
Manual Integrations
APPROVED

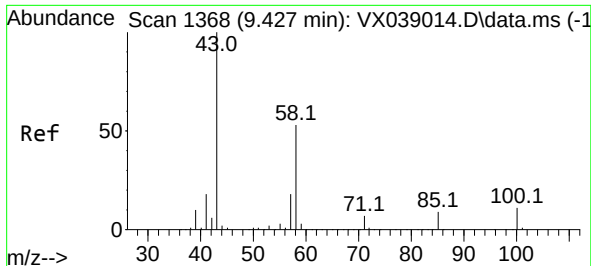
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#58
4-Methyl-2-Pentanone
Concen: 97.609 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

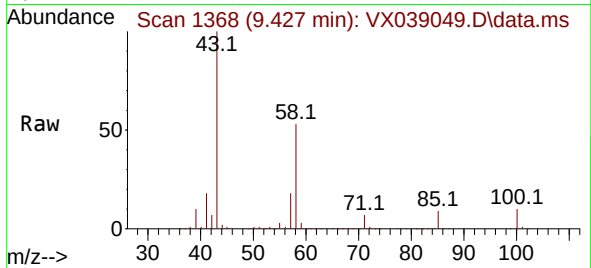
Tgt Ion: 43 Resp: 293363
Ion Ratio Lower Upper
43 100
58 37.3 30.1 45.1
85 17.0 13.9 20.9





#59
2-Hexanone
Concen: 94.944 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

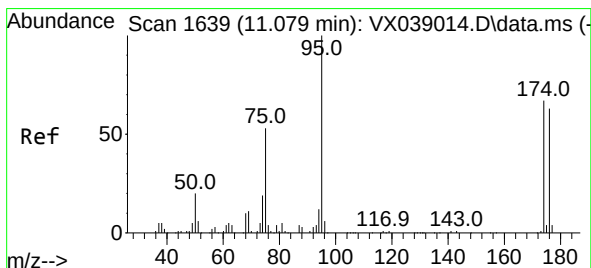
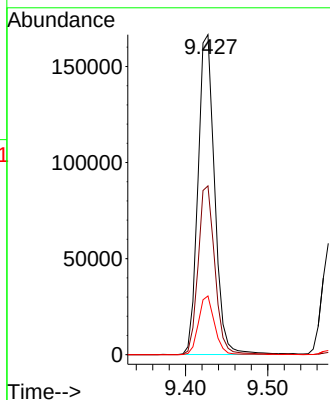
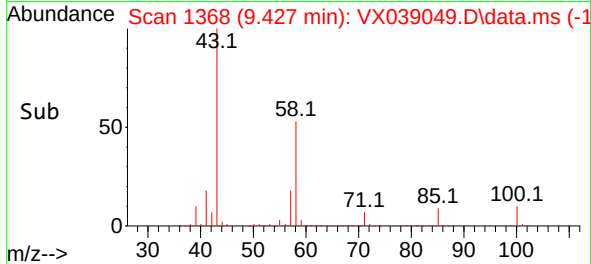
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 234228
Ion Ratio Lower Upper
43 100
58 52.8 42.7 64.1
57 17.6 14.8 22.2

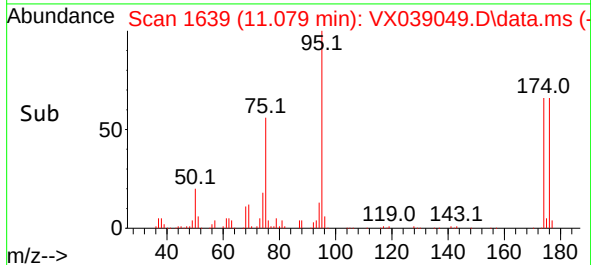
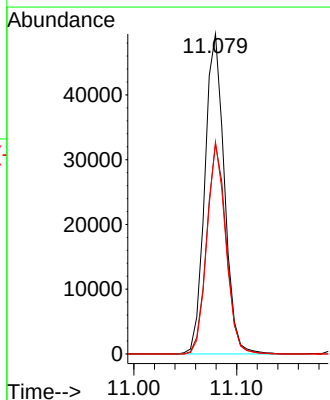
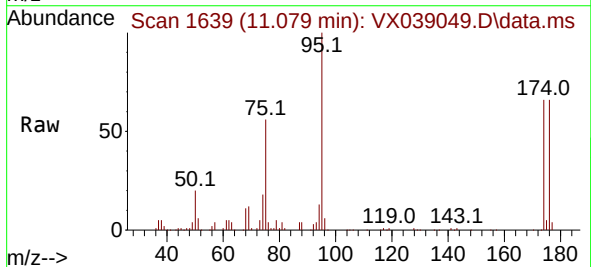
Manual Integrations
APPROVED

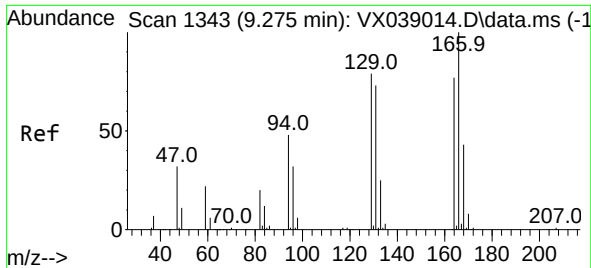
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#60
4-Bromofluorobenzene
Concen: 30.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

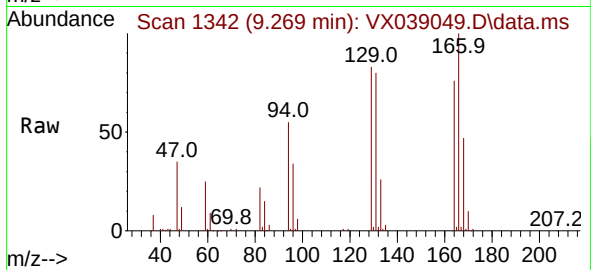
Tgt Ion: 95 Resp: 65208
Ion Ratio Lower Upper
95 100
174 65.2 55.4 83.2
176 63.5 52.6 78.8





#61
Tetrachloroethene
Concen: 19.206 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

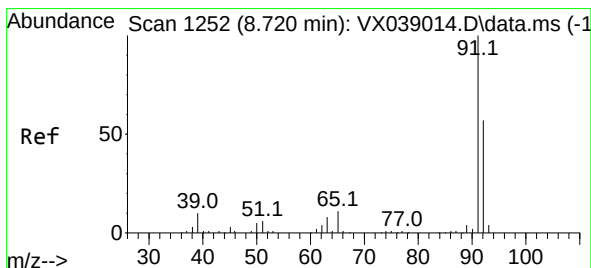
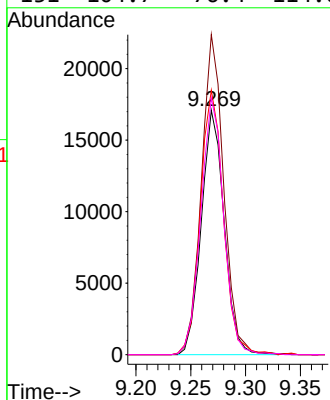
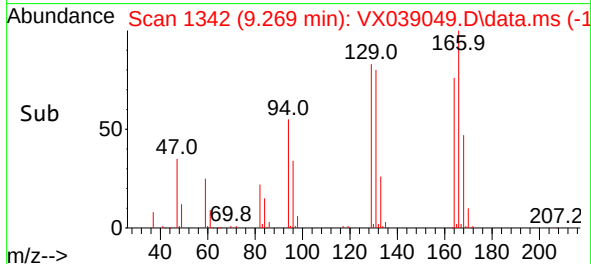
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 24748
Ion Ratio Lower Upper
164 100
166 130.7 104.0 156.0
129 108.3 82.0 123.0
131 104.7 76.4 114.6

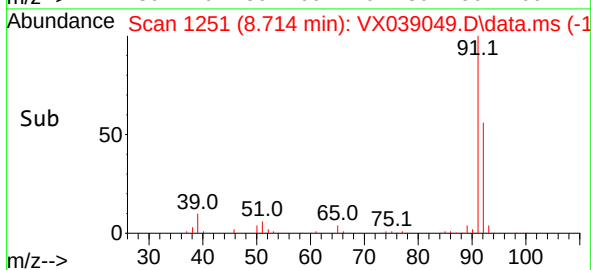
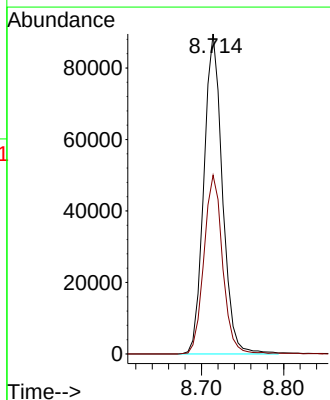
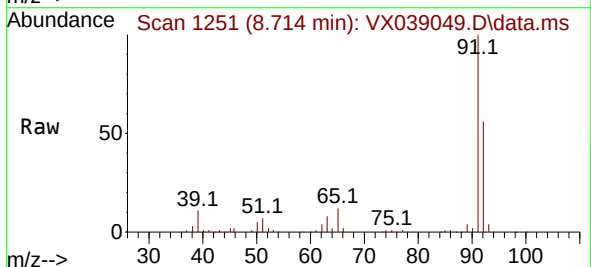
Manual Integrations
APPROVED

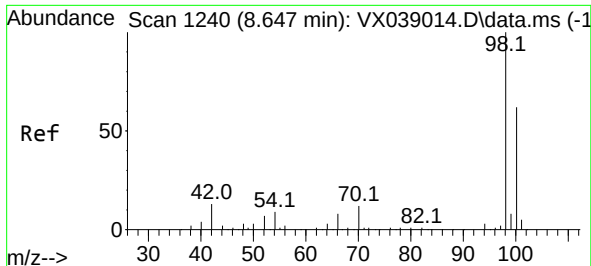
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#62
Toluene
Concen: 19.915 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion: 91 Resp: 140132
Ion Ratio Lower Upper
91 100
92 55.6 45.9 68.9





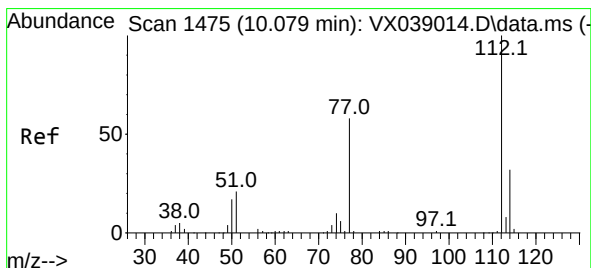
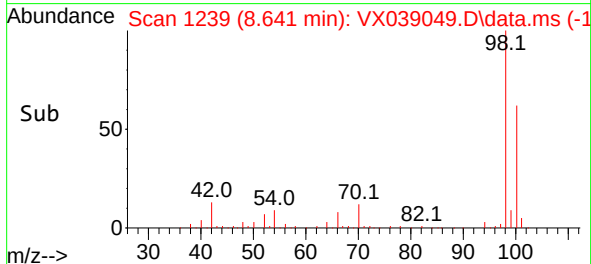
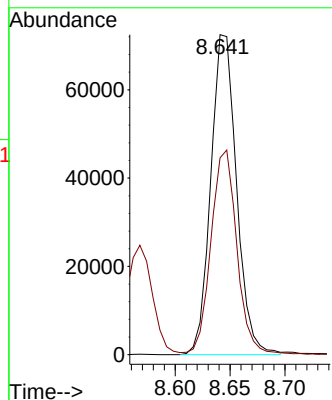
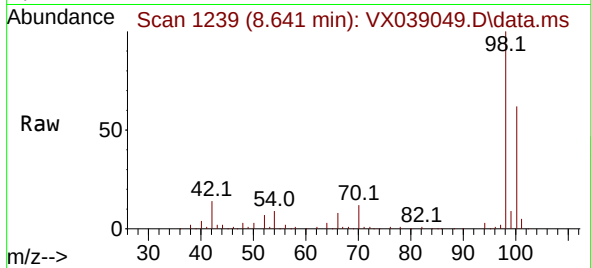
#63
Toluene-d8
Concen: 30.302 ug/l
RT: 8.641 min Scan# 118739
Delta R.T. -0.006 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 118739
Ion Ratio Lower Upper
98 100
100 64.7 51.0 76.4

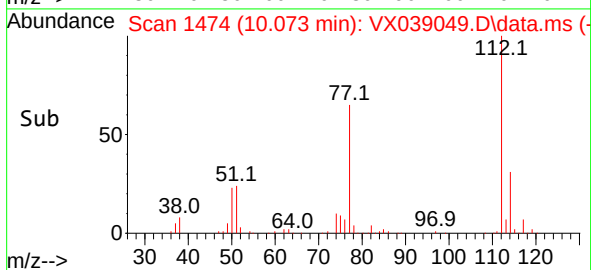
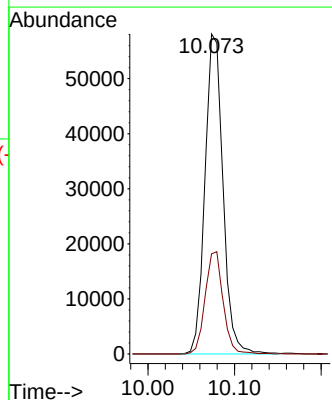
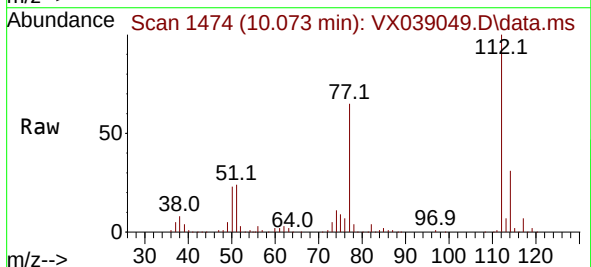
Manual Integrations
APPROVED

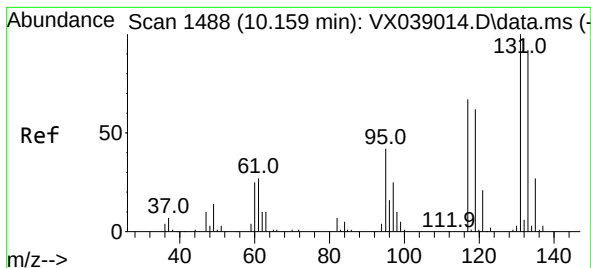
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#64
Chlorobenzene
Concen: 19.608 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion:112 Resp: 83926
Ion Ratio Lower Upper
112 100
114 31.3 25.9 38.9





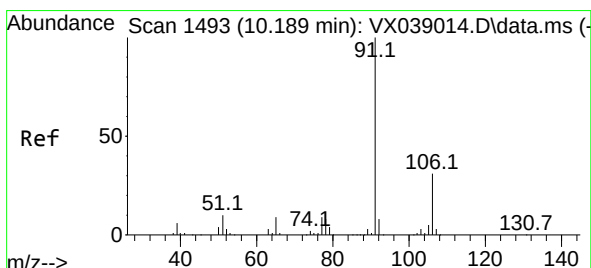
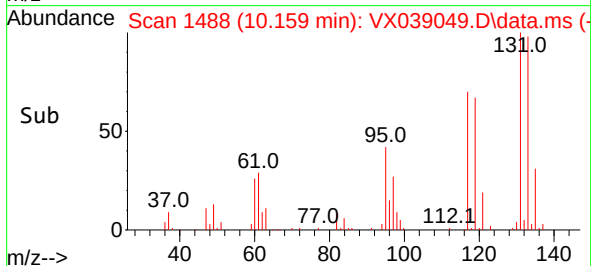
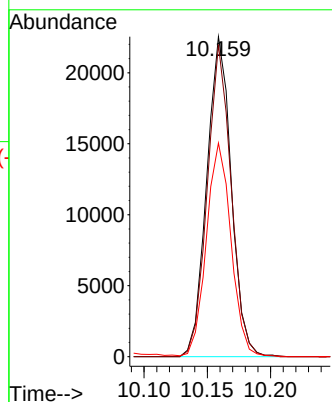
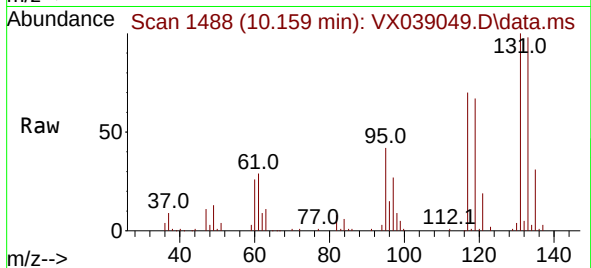
#65
1,1,1,2-Tetrachloroethane
Concen: 19.727 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 30409
Ion Ratio Lower Upper
131 100
133 94.8 0.0 191.8
119 67.0 0.0 135.4

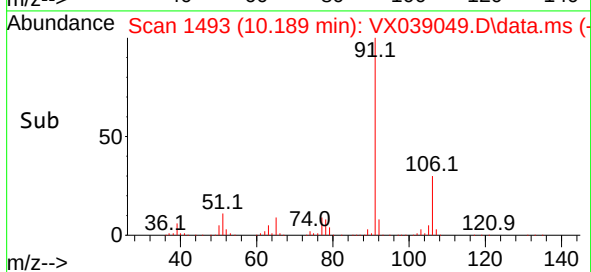
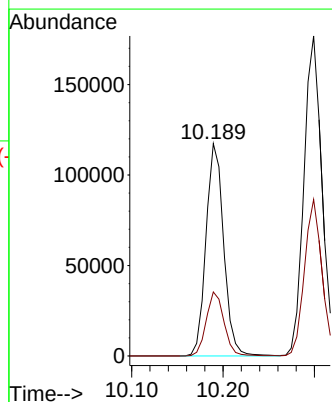
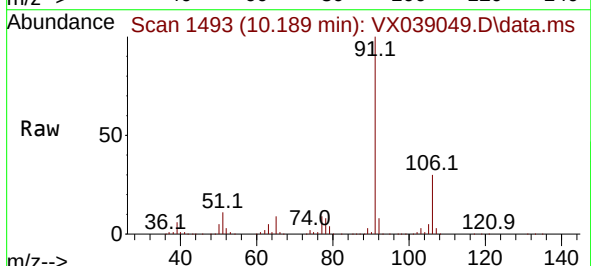
Manual Integrations
APPROVED

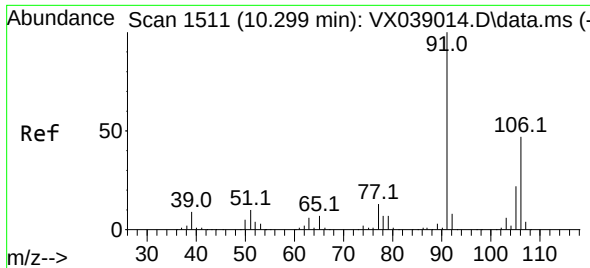
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#66
Ethyl Benzene
Concen: 19.663 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion: 91 Resp: 157548
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6





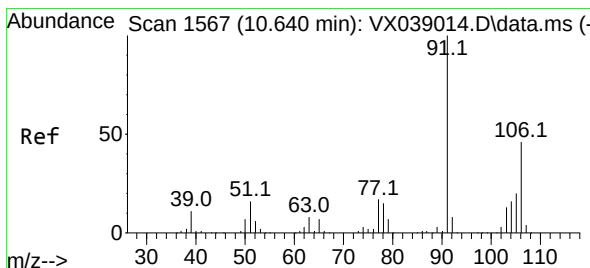
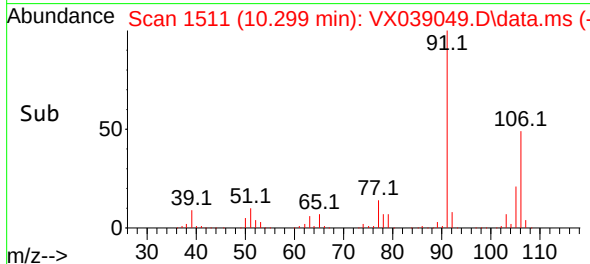
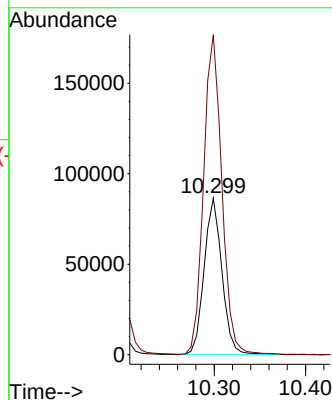
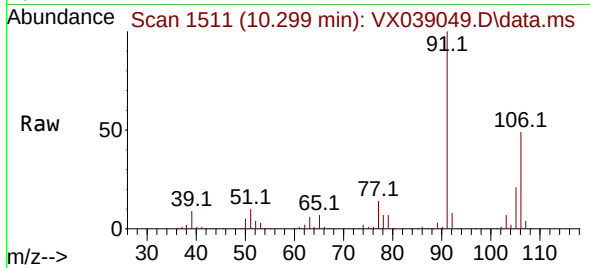
#67
m/p-Xylenes
Concen: 39.519 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 117000
Ion Ratio Lower Upper
106 100
91 209.8 169.4 254.0

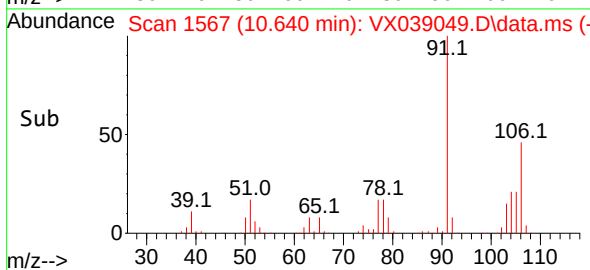
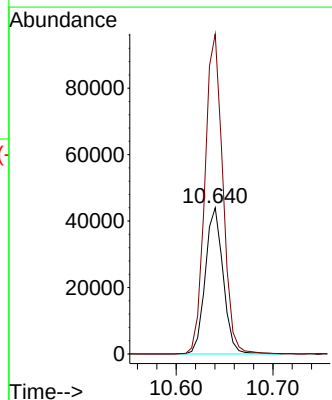
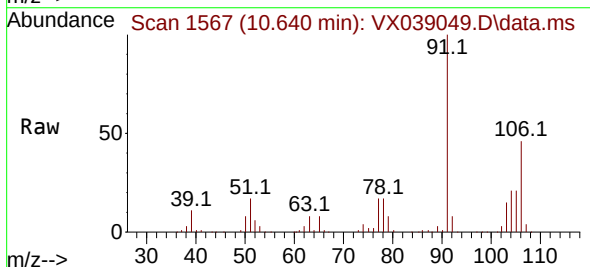
Manual Integrations
APPROVED

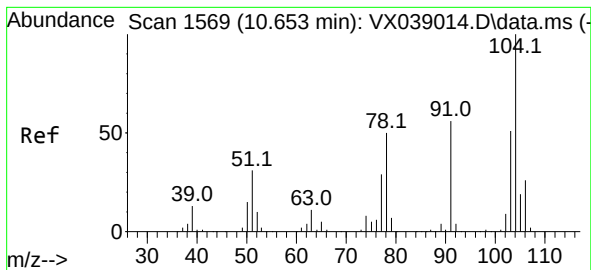
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#68
o-Xylene
Concen: 19.693 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion:106 Resp: 56478
Ion Ratio Lower Upper
106 100
91 219.1 111.2 333.6





#69

Styrene

Concen: 19.579 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039049.D

Acq: 28 Nov 2023 15:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

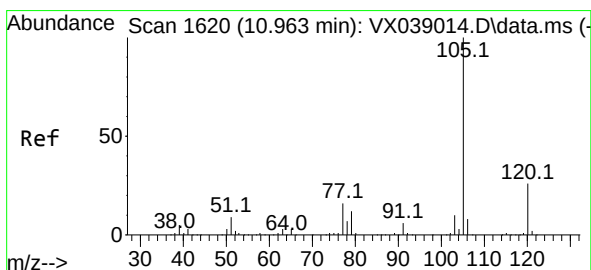
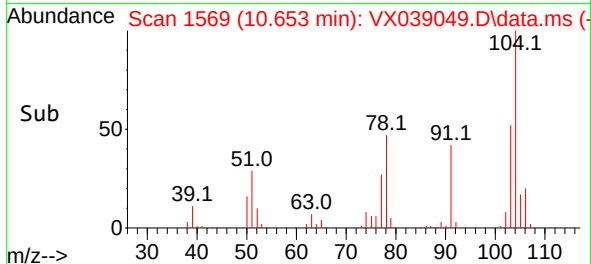
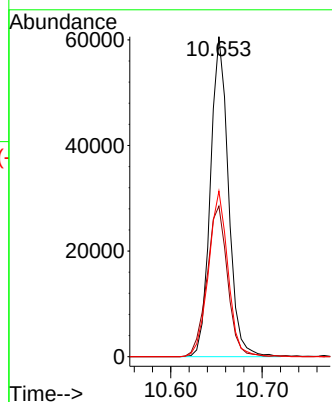
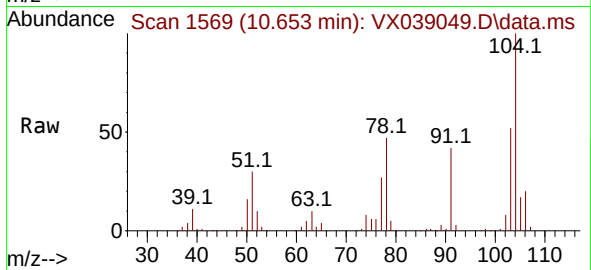
Tgt Ion:104	Resp:	8310
Ion Ratio	Lower	Upper
104	100	
78	53.7	43.7 65.5
103	55.8	44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#70

Isopropylbenzene

Concen: 19.741 ug/l

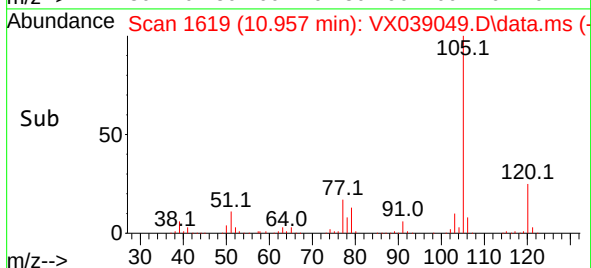
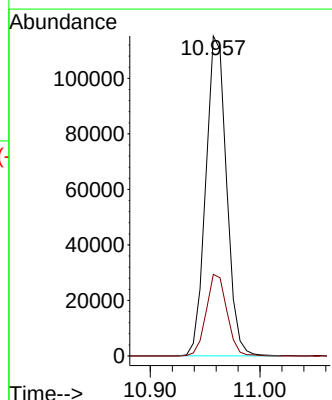
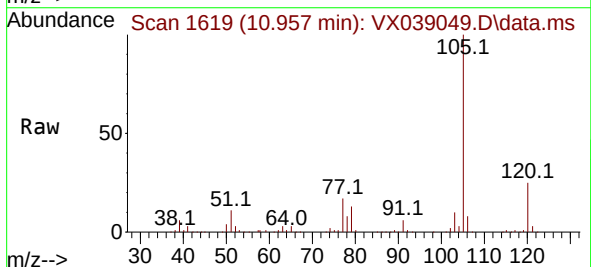
RT: 10.957 min Scan# 1619

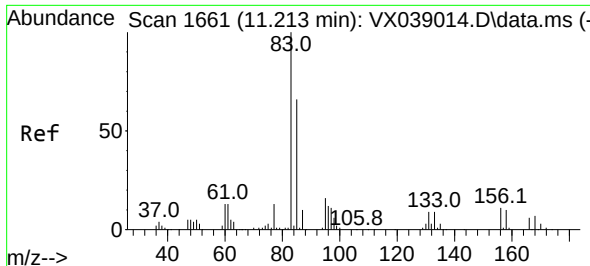
Delta R.T. -0.006 min

Lab File: VX039049.D

Acq: 28 Nov 2023 15:57

Tgt Ion:105	Resp:	151480
Ion Ratio	Lower	Upper
105	100	
120	25.6	18.5 34.3





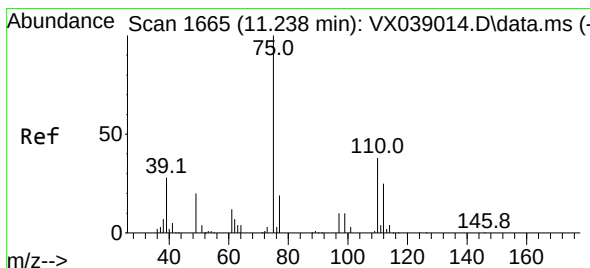
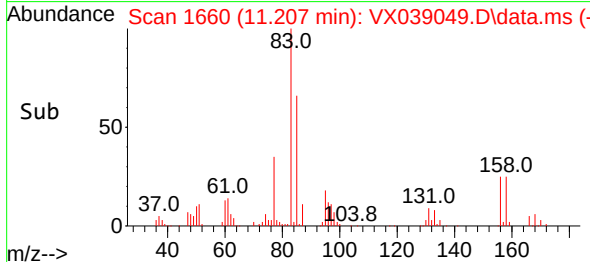
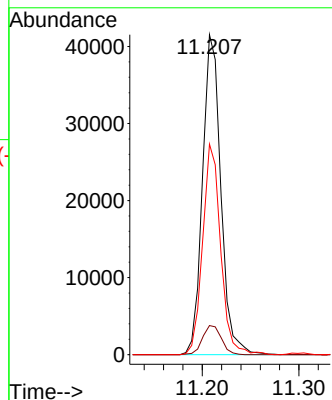
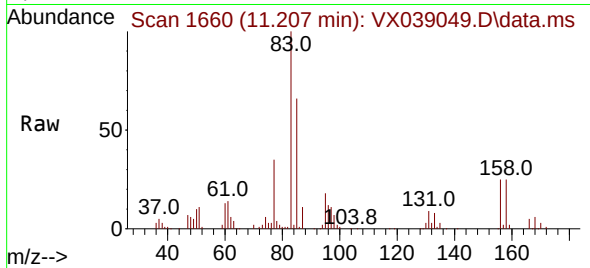
#71
1,1,2,2-Tetrachloroethane
Concen: 19.159 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 5488
Ion Ratio Lower Upper
83 100
131 9.4 4.6 13.8
85 64.1 32.5 97.4

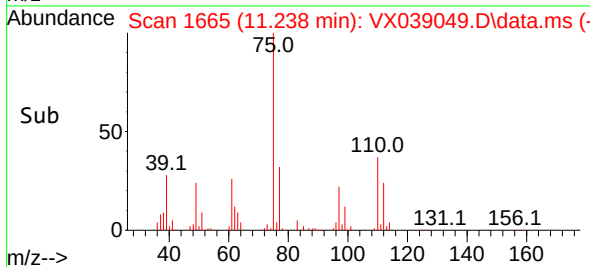
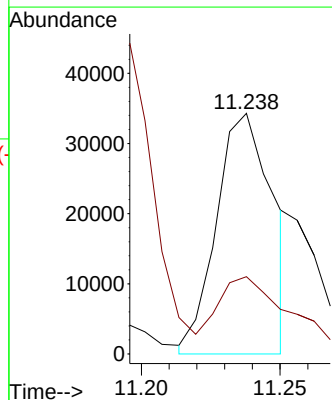
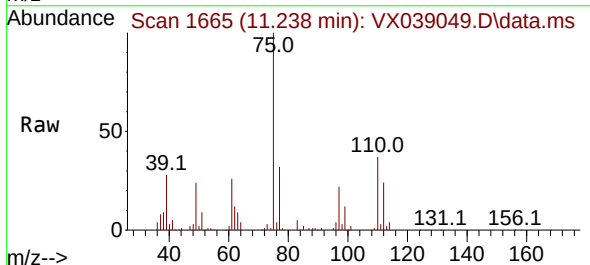
Manual Integrations
APPROVED

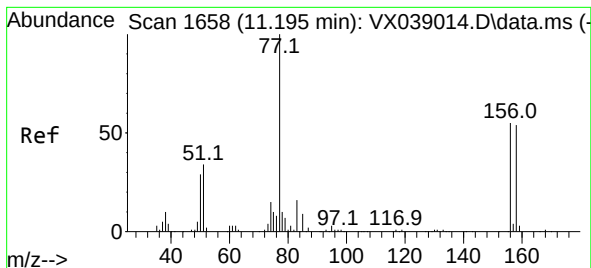
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#72
1,2,3-Trichloropropane
Concen: 19.947 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion: 75 Resp: 48350
Ion Ratio Lower Upper
75 100
77 41.9 0.0 76.4





#73

Bromobenzene

Concen: 19.336 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039049.D

Acq: 28 Nov 2023 15:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

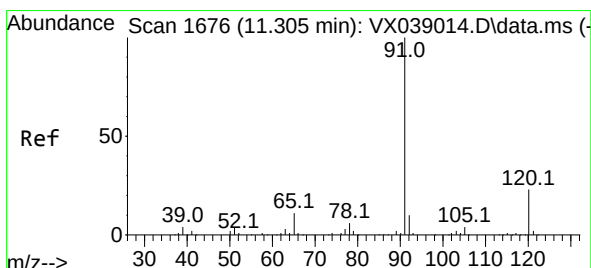
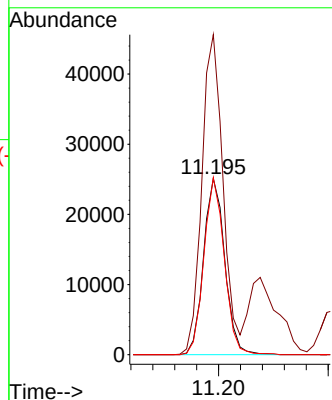
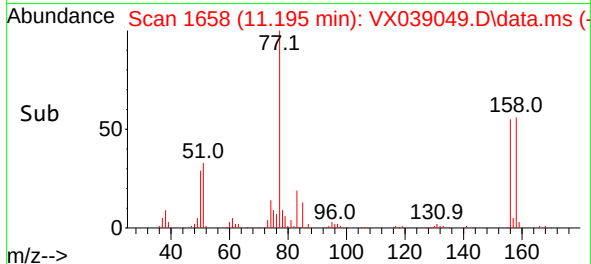
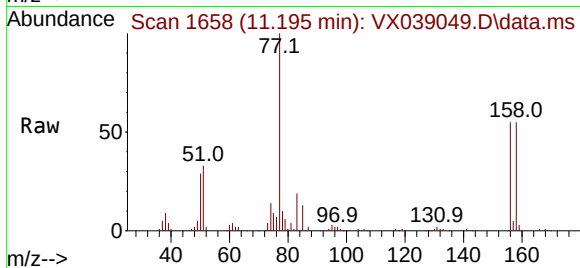
Tgt Ion:	156	Resp:	3378
Ion Ratio	Lower	Upper	
156	100		
77	180.8	0.0	363.2
158	96.8	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#74

n-propylbenzene

Concen: 19.792 ug/l

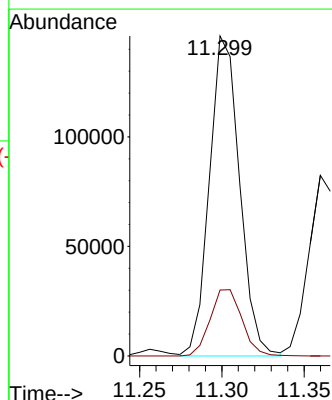
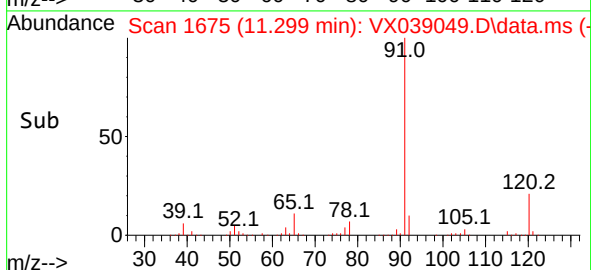
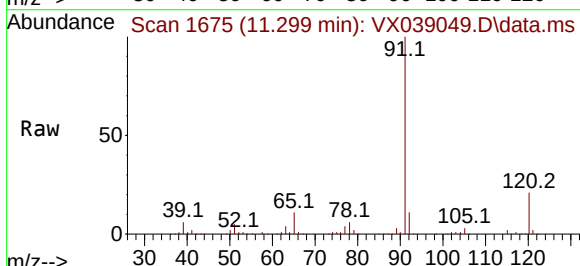
RT: 11.299 min Scan# 1675

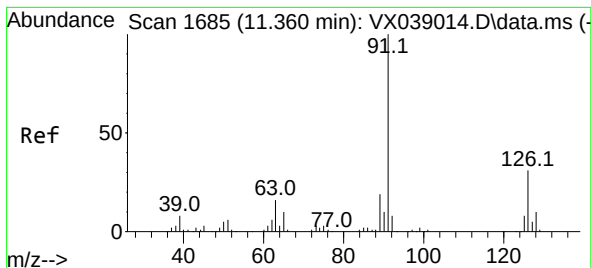
Delta R.T. -0.006 min

Lab File: VX039049.D

Acq: 28 Nov 2023 15:57

Tgt Ion:	91	Resp:	186073
Ion Ratio	Lower	Upper	
91	100		
120	21.9	0.0	43.4





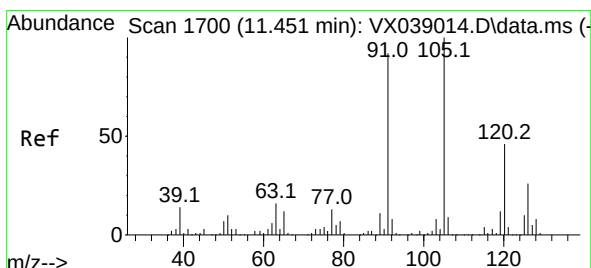
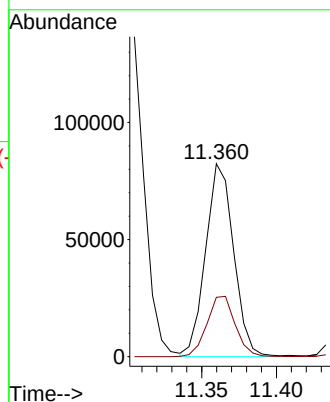
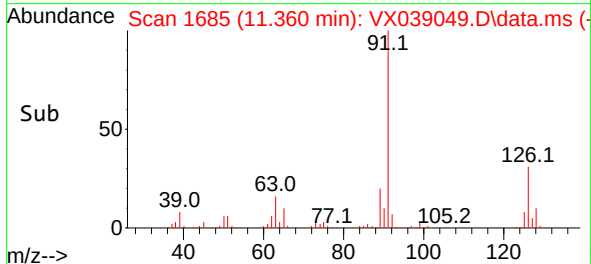
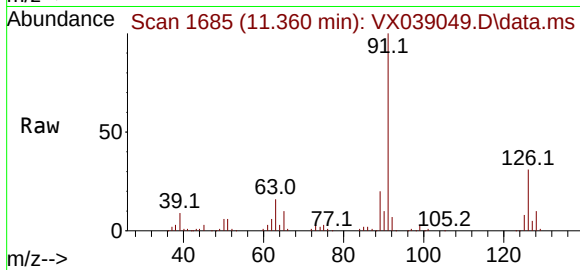
#75
2-Chlorotoluene
Concen: 19.514 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 107632
Ion Ratio Lower Upper
91 100
126 31.7 0.0 64.2

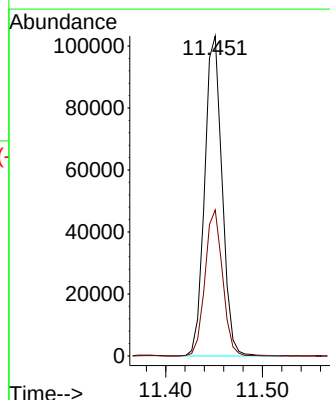
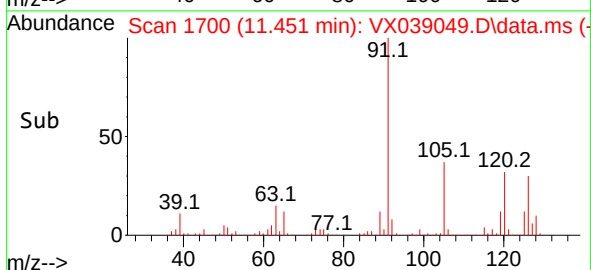
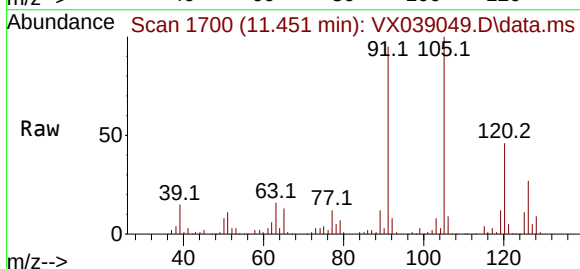
Manual Integrations
APPROVED

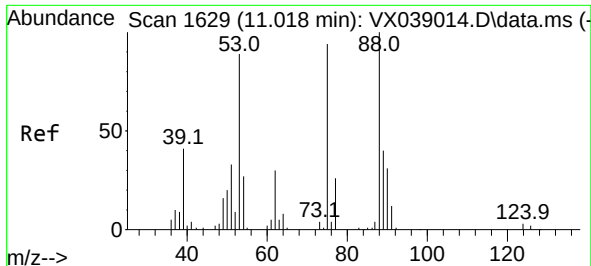
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.594 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion:105 Resp: 129525
Ion Ratio Lower Upper
105 100
120 46.0 0.0 92.6





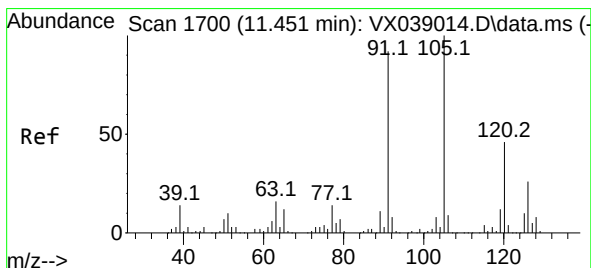
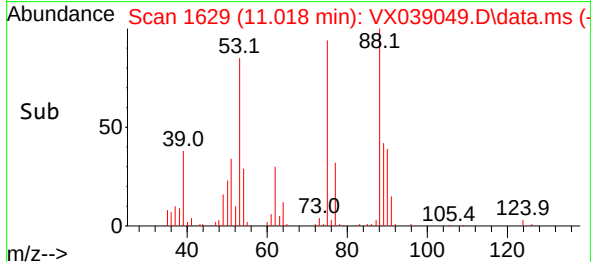
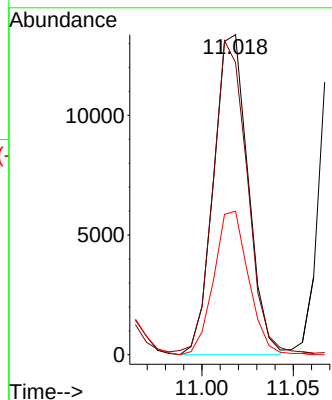
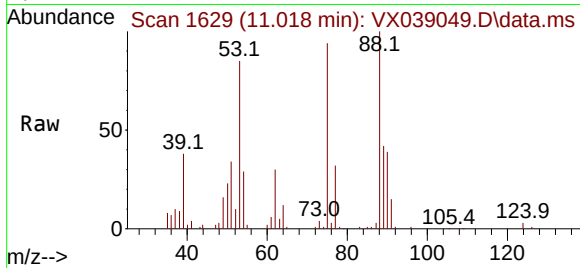
#77
t-1,4-Dichloro-2-butene
Concen: 18.221 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 1750
Ion Ratio Lower Upper
75 100
53 89.9 46.9 140.8
89 44.8 21.3 63.7

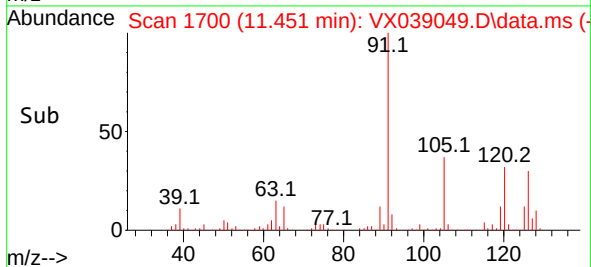
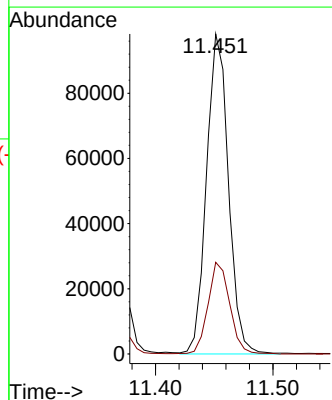
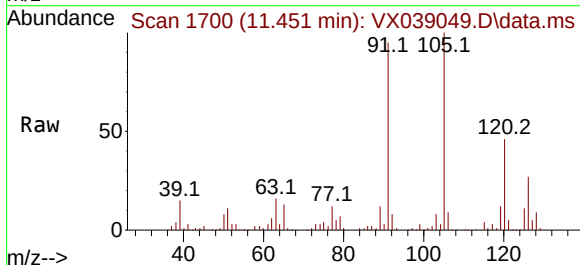
Manual Integrations
APPROVED

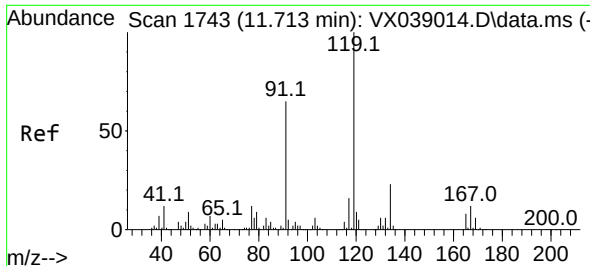
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#78
4-Chlorotoluene
Concen: 19.672 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Tgt Ion: 91 Resp: 127572
Ion Ratio Lower Upper
91 100
126 28.3 0.0 57.4





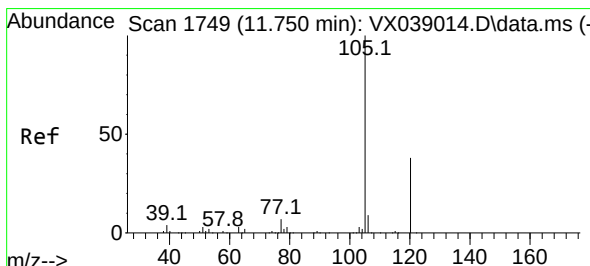
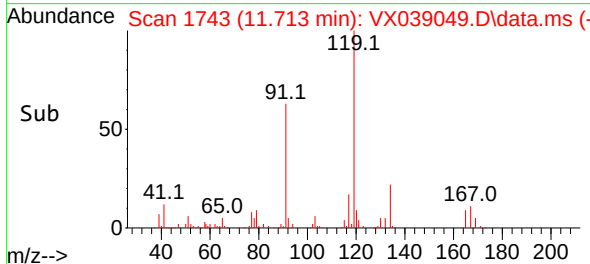
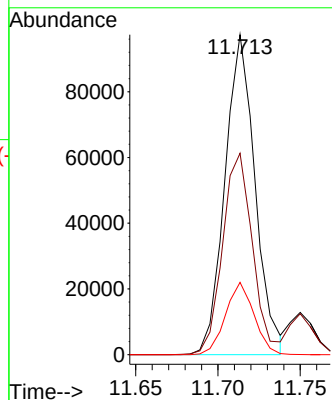
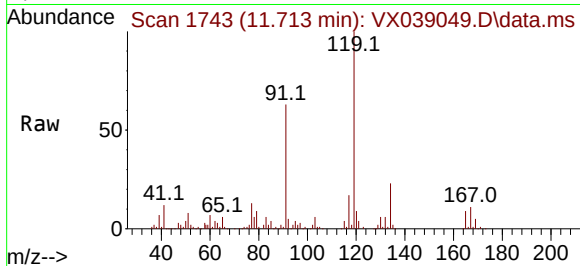
#79
tert-butylbenzene
Concen: 19.744 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 12411
Ion Ratio Lower Upper
119 100
91 62.7 0.0 125.6
134 21.4 0.0 43.8

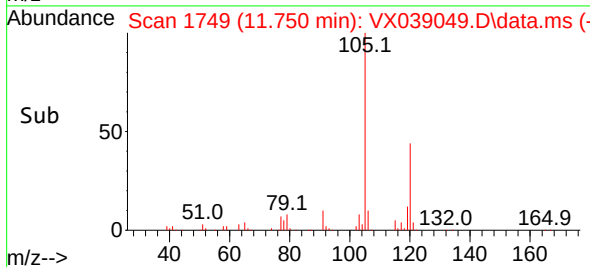
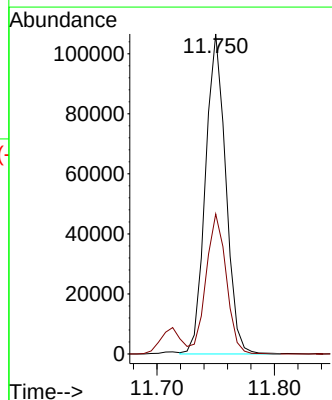
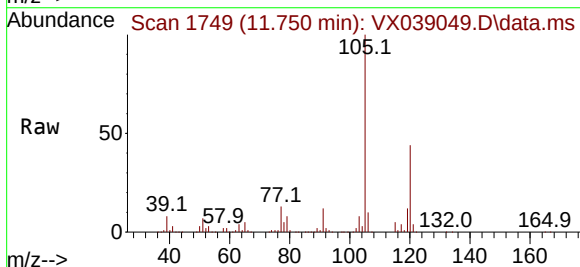
Manual Integrations
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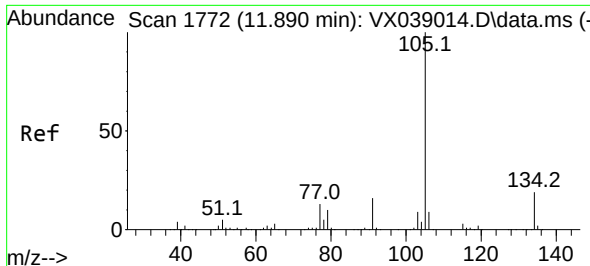
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.250 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

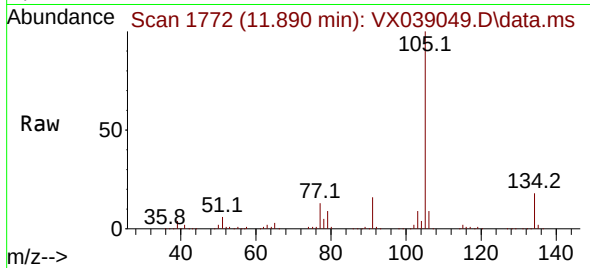
Tgt Ion:105 Resp: 127360
Ion Ratio Lower Upper
105 100
120 43.7 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 19.595 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039049.D
 Acq: 28 Nov 2023 15:57

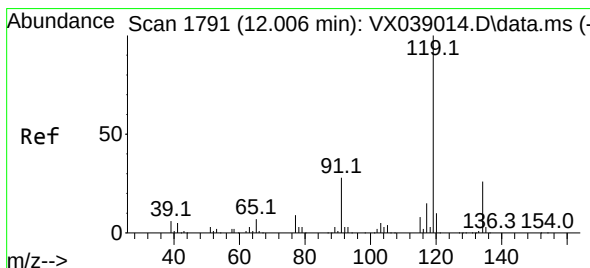
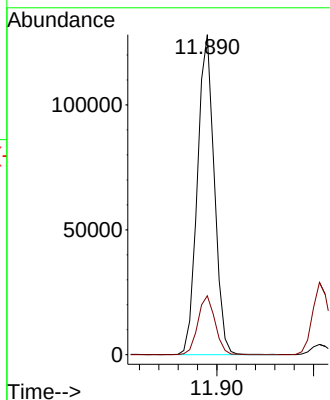
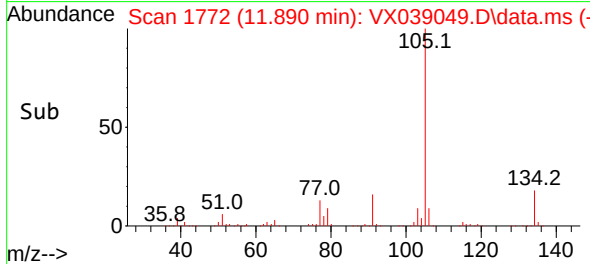
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



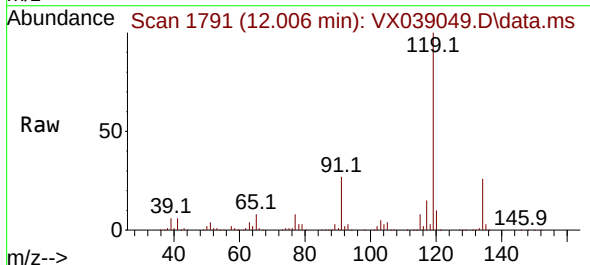
Tgt Ion:105 Resp: 15571
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 38.4

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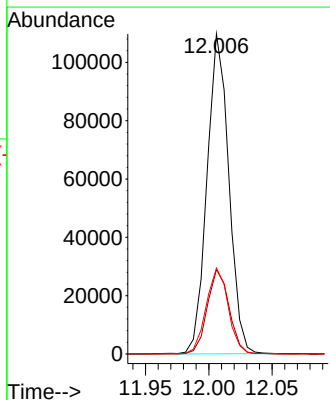
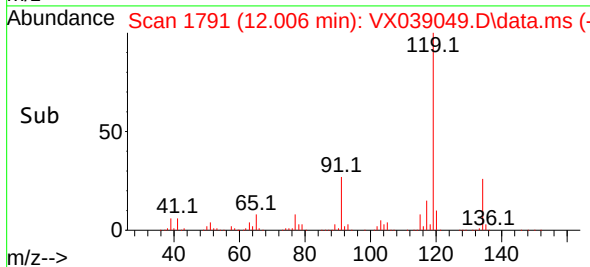
Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023

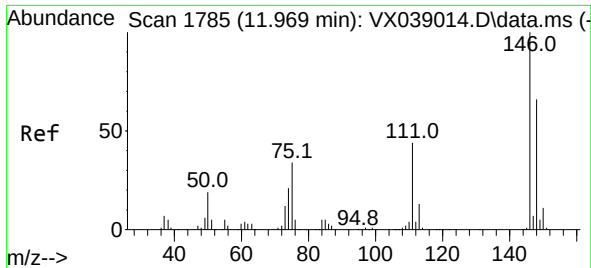


#82
 p-Isopropyltoluene
 Concen: 19.528 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039049.D
 Acq: 28 Nov 2023 15:57



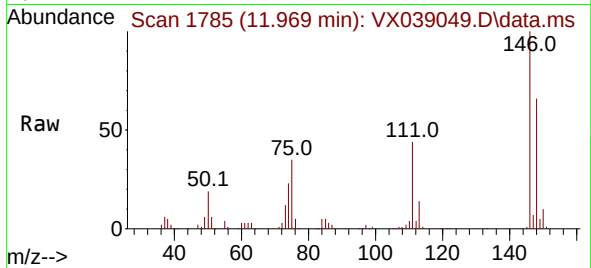
Tgt Ion:119 Resp: 131516
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.6
 91 27.0 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 19.344 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

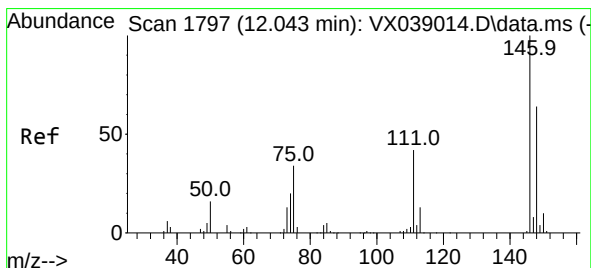
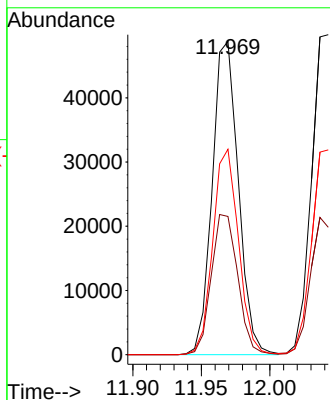
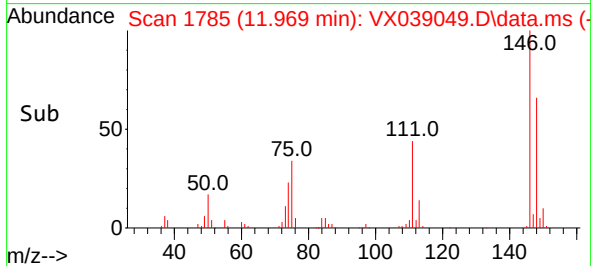
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



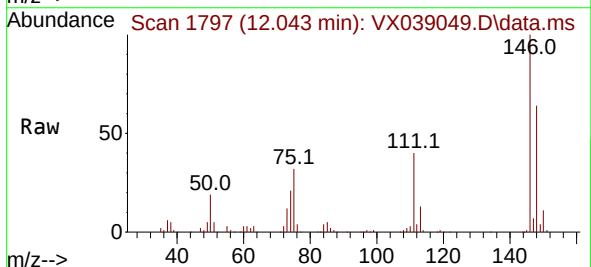
Tgt Ion:146 Resp: 64672
Ion Ratio Lower Upper
146 100
111 45.4 22.3 66.9
148 64.5 32.8 98.3

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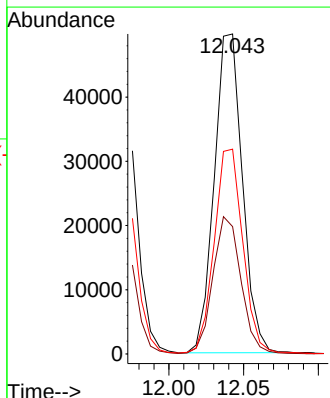
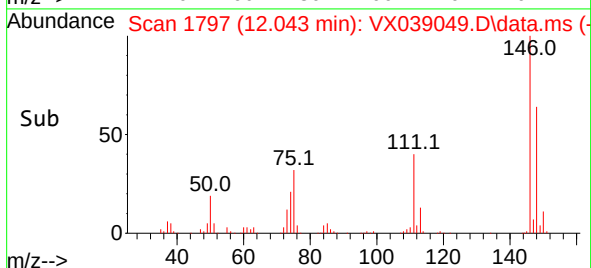
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

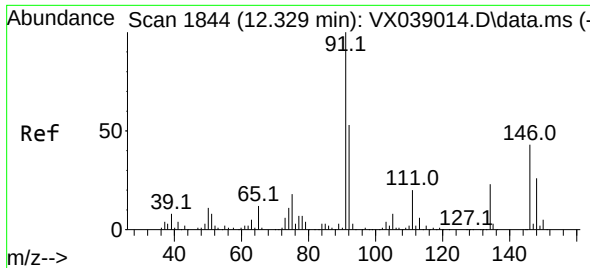


#84
1,4-Dichlorobenzene
Concen: 18.990 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57



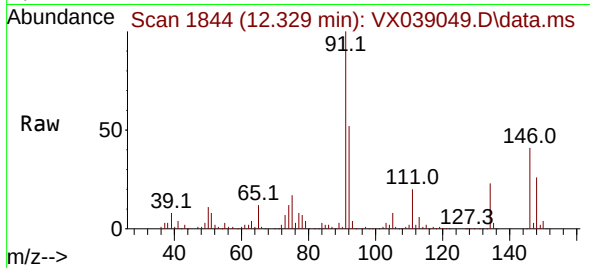
Tgt Ion:146 Resp: 65144
Ion Ratio Lower Upper
146 100
111 43.1 21.4 64.2
148 65.6 31.8 95.4





#85
n-Butylbenzene
Concen: 20.243 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

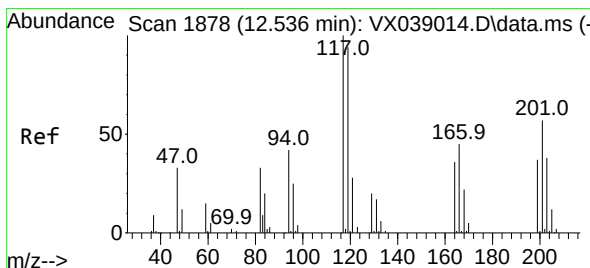
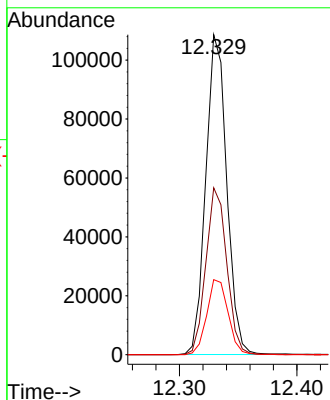
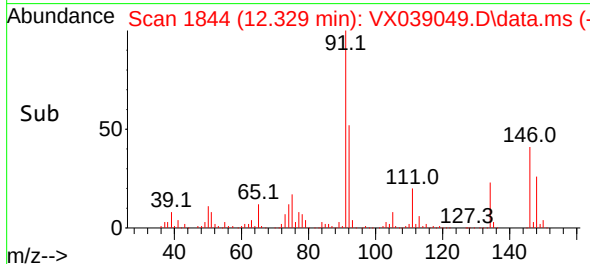
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 13463
Ion Ratio Lower Upper
91 100
92 52.0 0.0 106.2
134 23.9 0.0 48.8

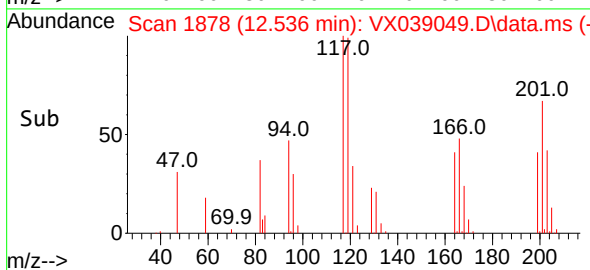
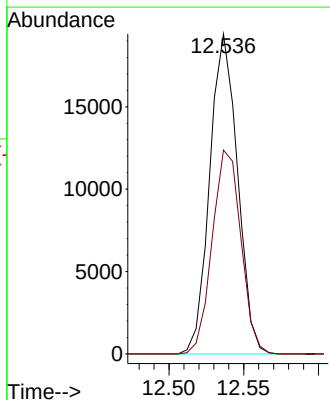
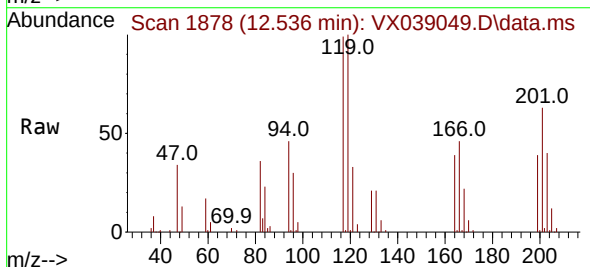
Manual Integrations
APPROVED

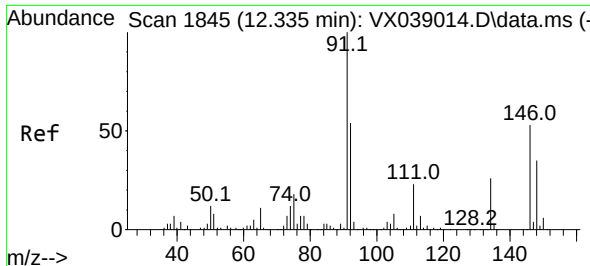
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#86
Hexachloroethane
Concen: 19.680 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

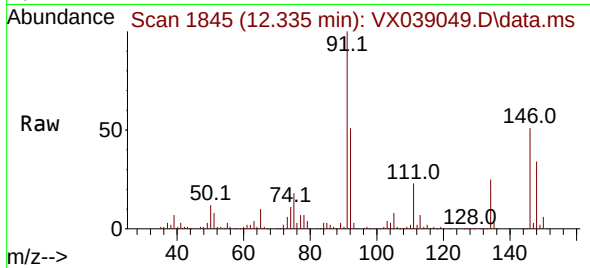
Tgt Ion:117 Resp: 25114
Ion Ratio Lower Upper
117 100
201 65.9 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 20.440 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

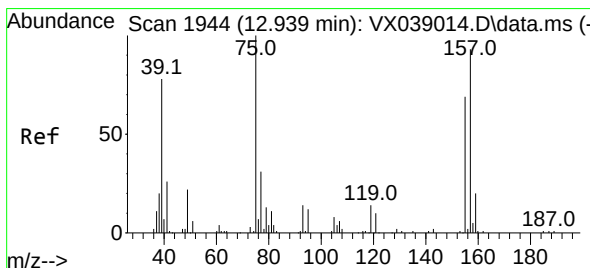
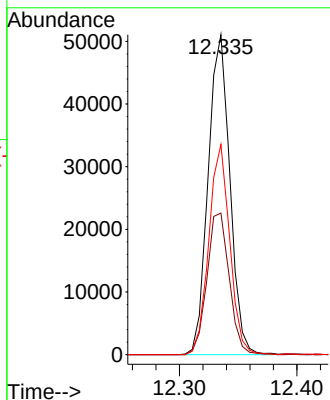
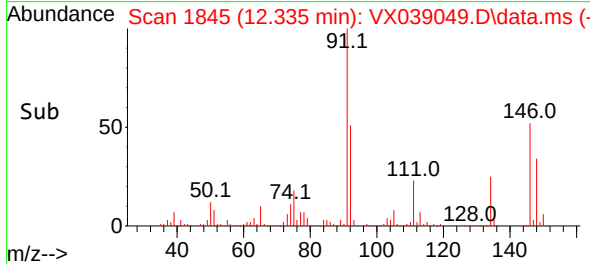
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 6571
Ion Ratio Lower Upper
146 100
111 45.4 22.4 67.2
148 63.2 31.9 95.7

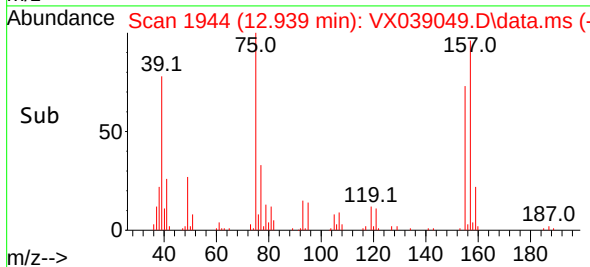
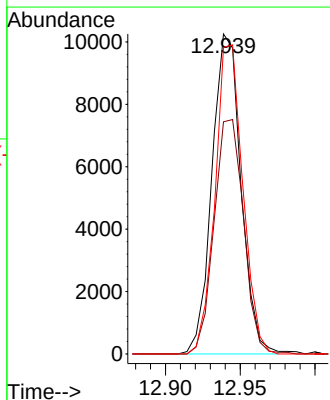
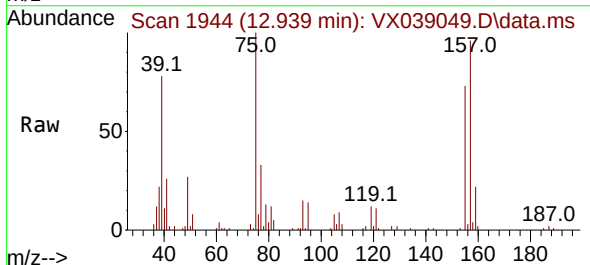
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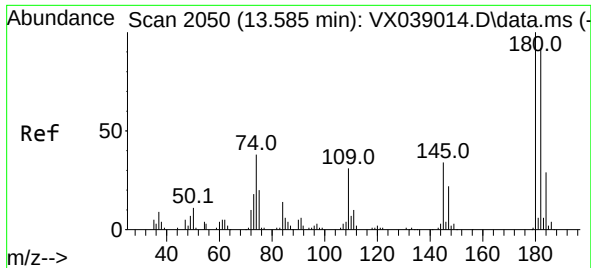
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.885 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

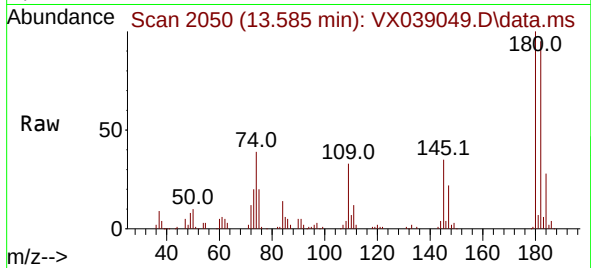
Tgt Ion: 75 Resp: 13835
Ion Ratio Lower Upper
75 100
155 74.4 58.2 87.4
157 92.4 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 19.669 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

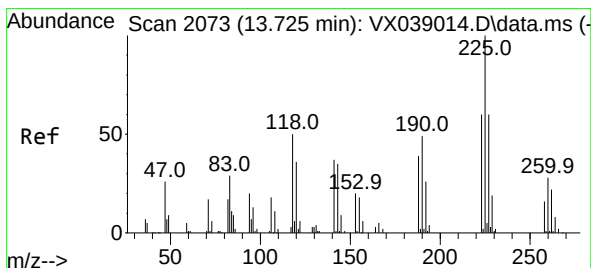
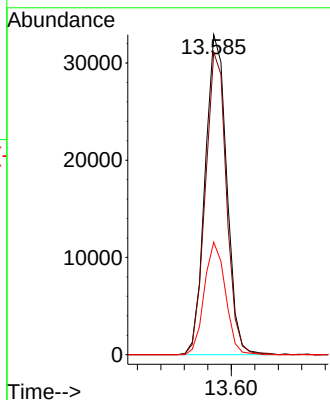
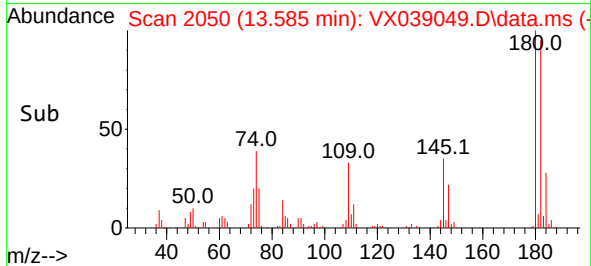
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



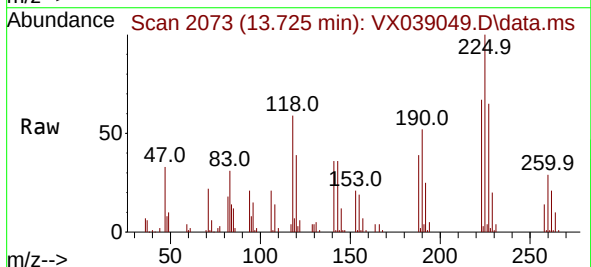
Tgt Ion:180 Resp: 41925
Ion Ratio Lower Upper
180 100
182 92.4 74.5 111.7
145 34.4 26.6 40.0

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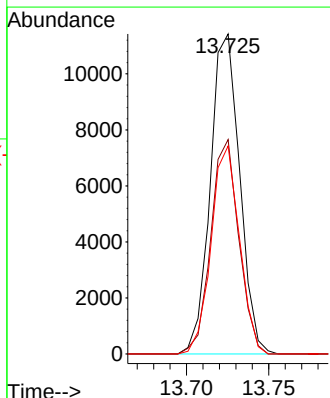
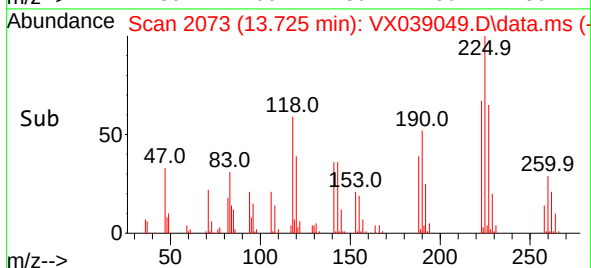
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

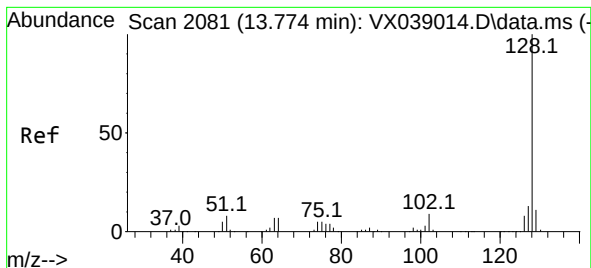


#90
Hexachlorobutadiene
Concen: 18.632 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57



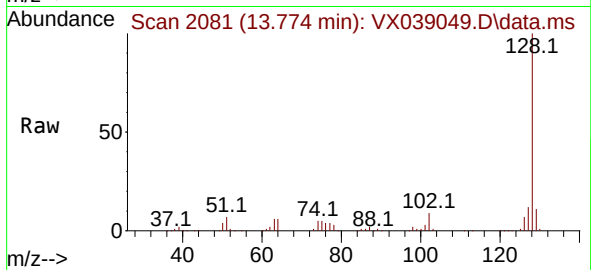
Tgt Ion:225 Resp: 14181
Ion Ratio Lower Upper
225 100
223 64.1 0.0 124.4
227 62.6 0.0 124.4





#91
Naphthalene
Concen: 18.691 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57

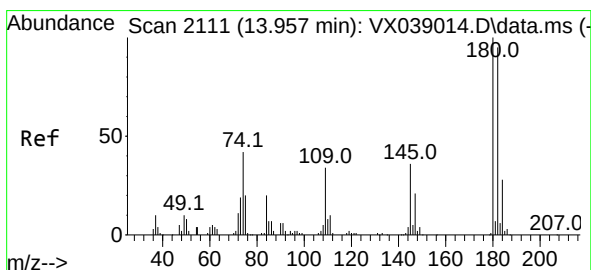
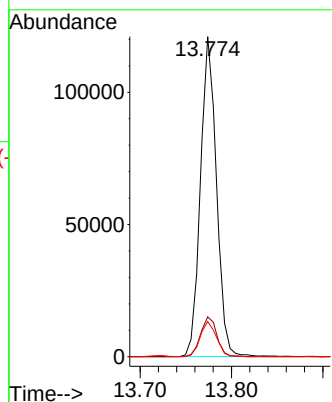
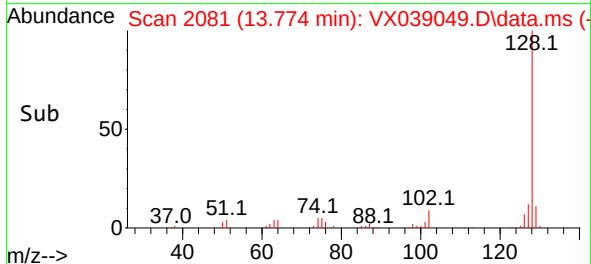
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



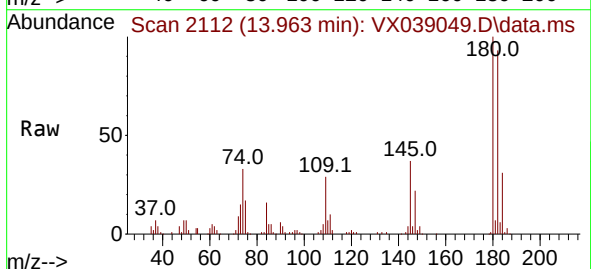
Tgt Ion:128 Resp: 146932
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.2 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.117 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039049.D
Acq: 28 Nov 2023 15:57



Tgt Ion:180 Resp: 39469
Ion Ratio Lower Upper
180 100
182 94.7 0.0 191.6
145 37.8 0.0 69.6

