

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112822\
 Data File : VX033089.D
 Acq On : 28 Nov 2022 14:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 29 01:43:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2022
 Supervised By : Mahesh Dadoda 11/29/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	130996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64698	50.581	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.160%			
35) Dibromofluoromethane	5.385	113	55828	48.003	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.000%			
50) Toluene-d8	8.647	98	175739	50.232	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.460%			
62) 4-Bromofluorobenzene	11.079	95	77958	51.029	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.060%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	45884	45.848	ug/l	97
3) Chloromethane	1.295	50	49692	45.994	ug/l	99
4) Vinyl Chloride	1.374	62	57933	48.158	ug/l	97
5) Bromomethane	1.618	94	40387	45.274	ug/l	94
6) Chloroethane	1.691	64	50600	51.667	ug/l	98
7) Trichlorofluoromethane	1.886	101	121590	52.077	ug/l	99
8) Diethyl Ether	2.136	74	39468	53.693	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	63464	51.715	ug/l	100
10) Methyl Iodide	2.453	142	55899	39.790	ug/l	99
11) Tert butyl alcohol	3.020	59	63289m	312.964	ug/l	
12) 1,1-Dichloroethene	2.319	96	60324	52.770	ug/l	94
13) Acrolein	2.239	56	74986	322.819	ug/l	99
14) Allyl chloride	2.666	41	94825	51.380	ug/l	99
15) Acrylonitrile	3.069	53	160179	280.040	ug/l	98
16) Acetone	2.392	43	139831	234.703	ug/l	97
17) Carbon Disulfide	2.514	76	144575	45.776	ug/l	98
18) Methyl Acetate	2.709	43	93378	56.620	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	219090	55.262	ug/l	99
20) Methylene Chloride	2.788	84	66056	53.373	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	65443	50.046	ug/l	97
22) Diisopropyl ether	3.757	45	221732	55.175	ug/l #	84
23) Vinyl Acetate	3.721	43	883737	280.935	ug/l	99
24) 1,1-Dichloroethane	3.611	63	120699	52.486	ug/l	99
25) 2-Butanone	4.568	43	223066	271.526	ug/l	97
26) 2,2-Dichloropropane	4.483	77	97117	52.522	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	79143	53.269	ug/l	99
28) Bromochloromethane	4.904	49	52994	52.445	ug/l	98
29) Tetrahydrofuran	5.013	42	147487	282.925	ug/l	99
30) Chloroform	5.099	83	137386	53.341	ug/l	99
31) Cyclohexane	5.471	56	106183	51.370	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	125578	54.443	ug/l	100
36) 1,1-Dichloropropene	5.696	75	97462	52.410	ug/l	99
37) Ethyl Acetate	4.721	43	92103	56.770	ug/l	99
38) Carbon Tetrachloride	5.678	117	110257	53.447	ug/l	96
39) Methylcyclohexane	7.385	83	110668	52.158	ug/l	97
40) Benzene	6.038	78	276074	52.950	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51767	56.707	ug/l	98
42) 1,2-Dichloroethane	6.086	62	115009	54.784	ug/l	99
43) Isopropyl Acetate	6.342	43	156549	58.346	ug/l	99
44) Trichloroethene	7.129	130	77301	52.835	ug/l	99
45) 1,2-Dichloropropane	7.428	63	71044	55.136	ug/l	99
46) Dibromomethane	7.580	93	54216	53.925	ug/l	99
47) Bromodichloromethane	7.824	83	109042	56.128	ug/l	99
48) Methyl methacrylate	7.696	41	78613	56.920	ug/l	98
49) 1,4-Dioxane	7.720	88	32260	1268.917	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	490149	296.043	ug/l	99
52) Toluene	8.720	92	185790	54.163	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	111410	53.270	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	117619	56.160	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	76820	55.006	ug/l	99
56) Ethyl methacrylate	9.116	69	115134	59.835	ug/l	98
57) 1,3-Dichloropropane	9.311	76	123347	54.710	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	279400	305.780	ug/l	99
59) 2-Hexanone	9.433	43	362139	296.090	ug/l	98
60) Dibromochloromethane	9.525	129	87326	58.078	ug/l	99
61) 1,2-Dibromoethane	9.610	107	83619	56.726	ug/l	99
64) Tetrachloroethene	9.275	164	66145	48.470	ug/l	97
65) Chlorobenzene	10.080	112	203444	52.929	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	78303	55.598	ug/l	98
67) Ethyl Benzene	10.195	91	367296	53.869	ug/l	100
68) m/p-Xylenes	10.305	106	287973	107.856	ug/l	100
69) o-Xylene	10.640	106	142458	55.144	ug/l	97
70) Styrene	10.659	104	238252	56.372	ug/l	99
71) Bromoform	10.799	173	64483	59.717	ug/l #	100
73) Isopropylbenzene	10.964	105	380941	53.346	ug/l	100
74) N-amyl acetate	10.842	43	142101	58.497	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	116590	54.095	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	106479m	56.263	ug/l	
77) Bromobenzene	11.201	156	92127	52.458	ug/l	99
78) n-propylbenzene	11.305	91	436425	53.453	ug/l	100
79) 2-Chlorotoluene	11.366	91	261928	52.821	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	326876	54.489	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34088	58.547	ug/l	98
82) 4-Chlorotoluene	11.457	91	304535	52.407	ug/l	99
83) tert-Butylbenzene	11.713	119	325690	54.542	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	321664	53.775	ug/l	99
85) sec-Butylbenzene	11.890	105	387232	54.204	ug/l	100
86) p-Isopropyltoluene	12.012	119	329403	54.422	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	173970	52.814	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	175620	52.058	ug/l	99
89) n-Butylbenzene	12.335	91	279242	53.553	ug/l	99
90) Hexachloroethane	12.536	117	55265	55.575	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	170225	53.123	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25602	59.536	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	103839	52.571	ug/l	99
94) Hexachlorobutadiene	13.725	225	41949	48.138	ug/l	99
95) Naphthalene	13.774	128	358640	56.125	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	106243	53.636	ug/l	100

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VSTDCCC050EC

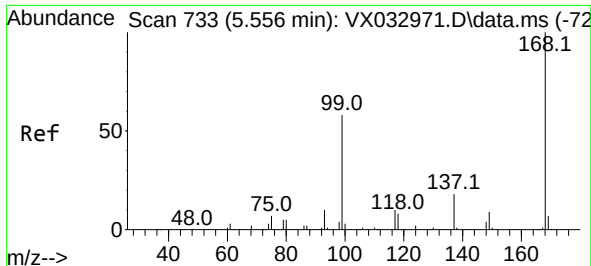
Manual Integrations
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QLast Update : Tue Nov 22 13:58:46 2022
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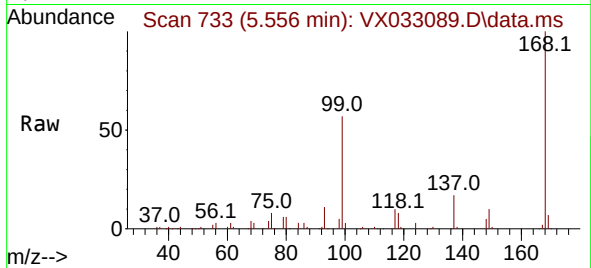
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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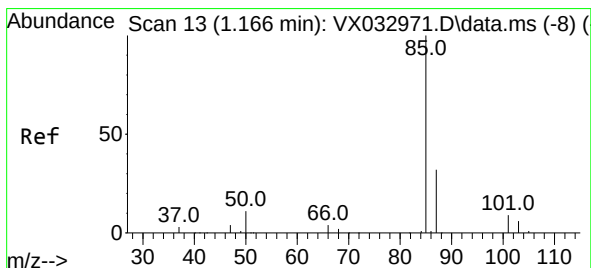
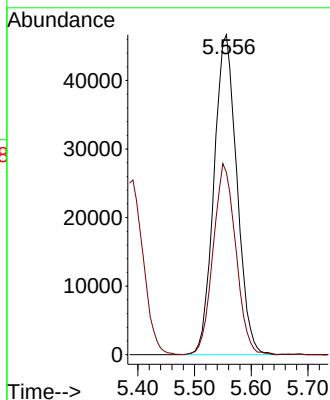
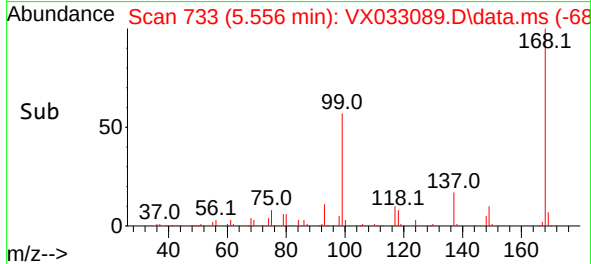
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 130990
Ion Ratio Lower Upper
168 100
99 57.1 46.1 69.1

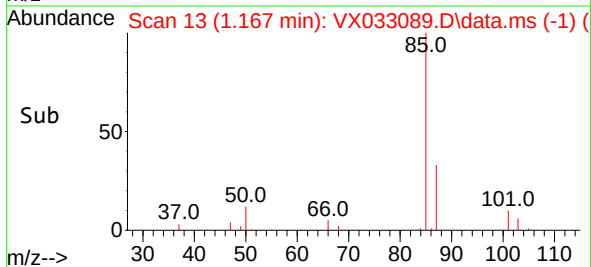
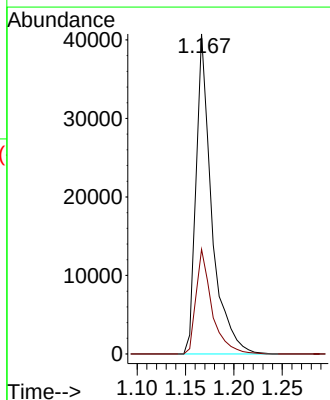
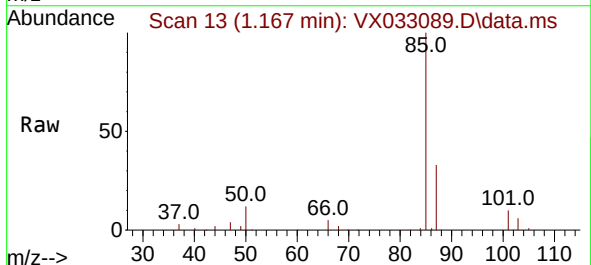
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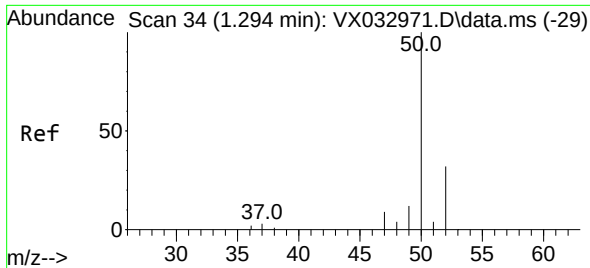
Reviewed By :John Carlone 11/29/2022
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#2
Dichlorodifluoromethane
Concen: 45.848 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Tgt Ion: 85 Resp: 45884
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.7





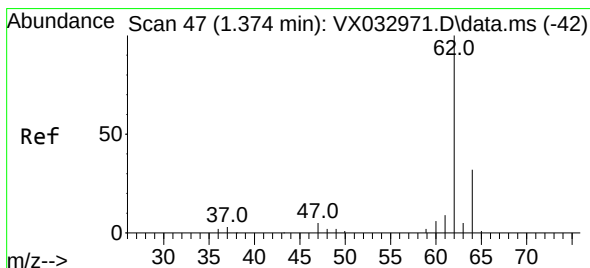
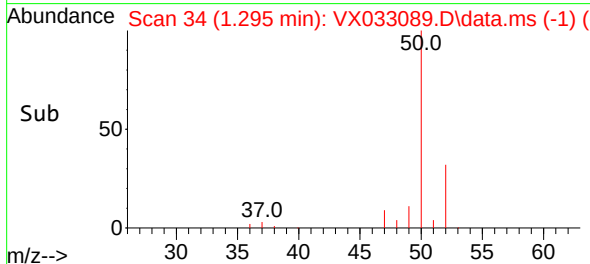
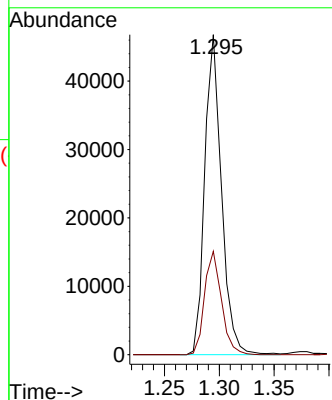
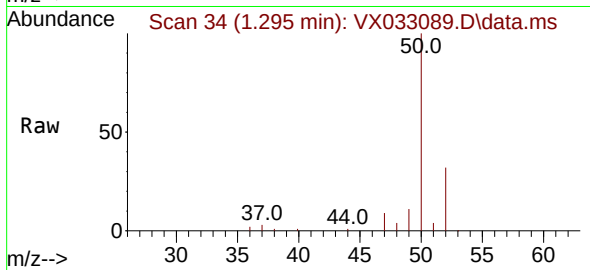
#3
Chloromethane
Concen: 45.994 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

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Tgt Ion: 50 Resp: 49692
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2

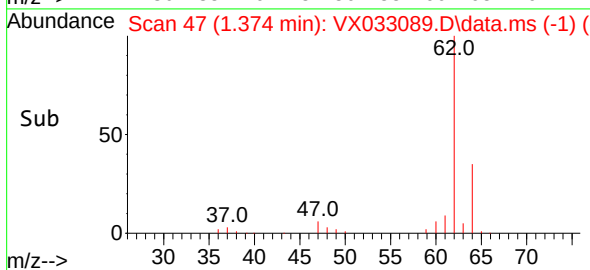
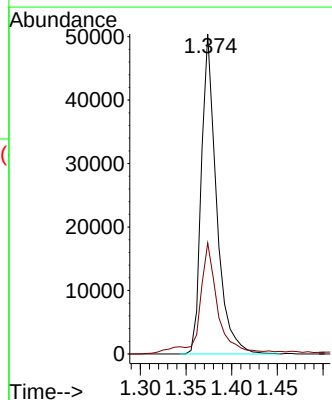
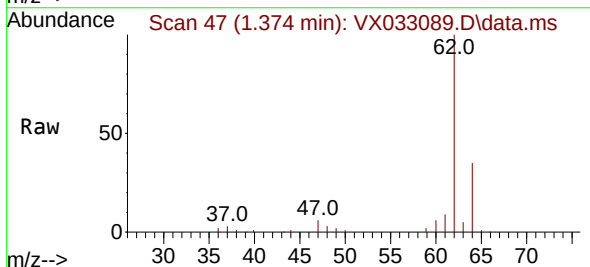
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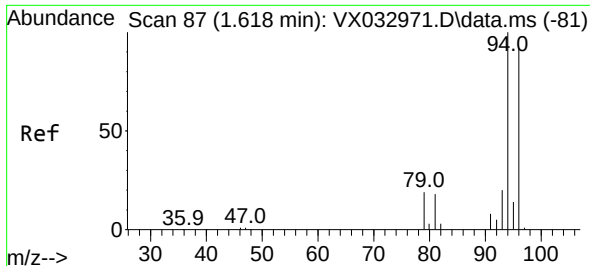
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#4
Vinyl Chloride
Concen: 48.158 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

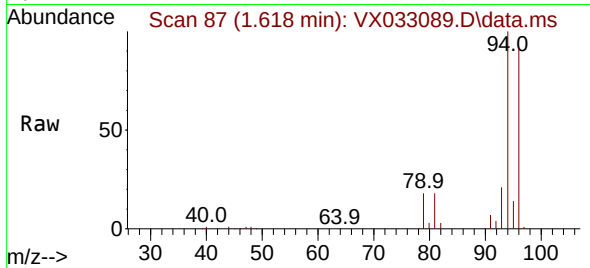
Tgt Ion: 62 Resp: 57933
Ion Ratio Lower Upper
62 100
64 33.9 25.8 38.6





#5
Bromomethane
Concen: 45.274 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

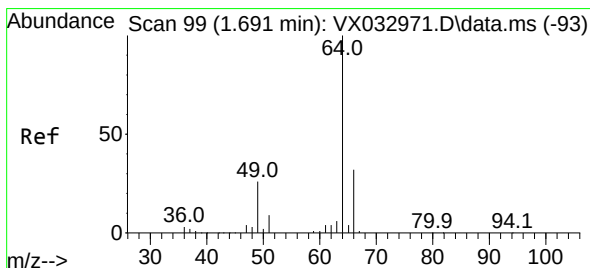
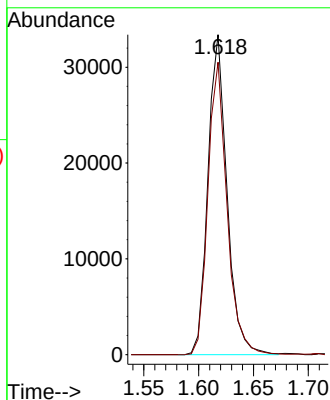
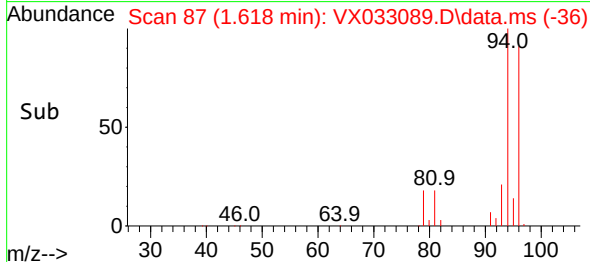
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 4038
Ion Ratio Lower Upper
94 100
96 91.4 77.6 116.4

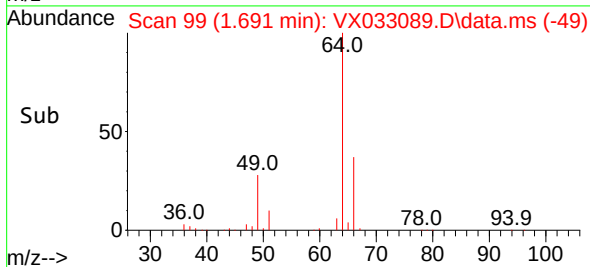
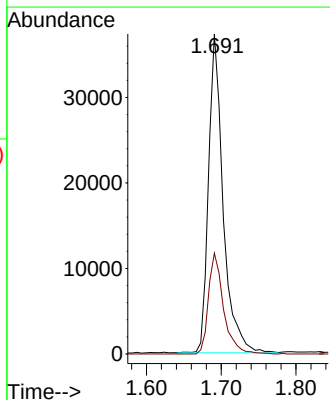
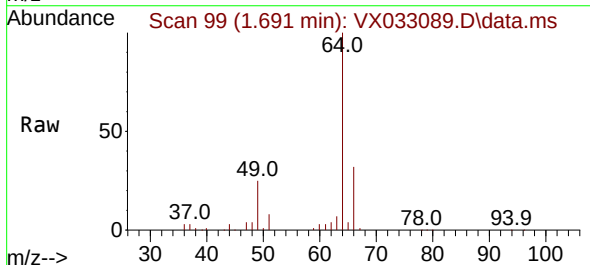
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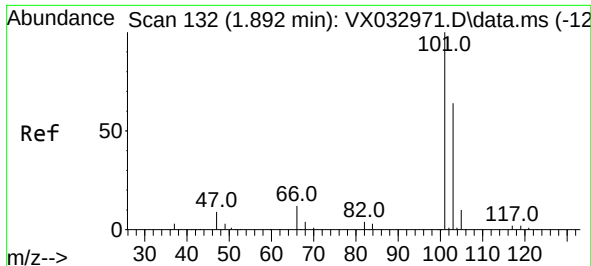
Reviewed By :John Carlone 11/29/2022
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#6
Chloroethane
Concen: 51.667 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

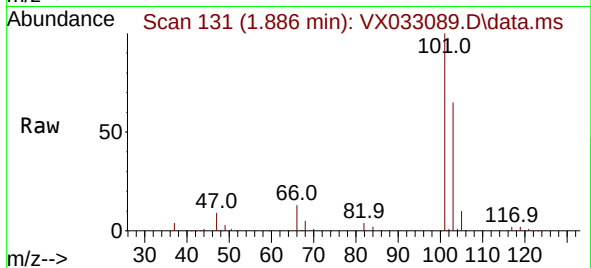
Tgt Ion: 64 Resp: 50600
Ion Ratio Lower Upper
64 100
66 31.6 26.0 39.0





#7
Trichlorofluoromethane
Concen: 52.077 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

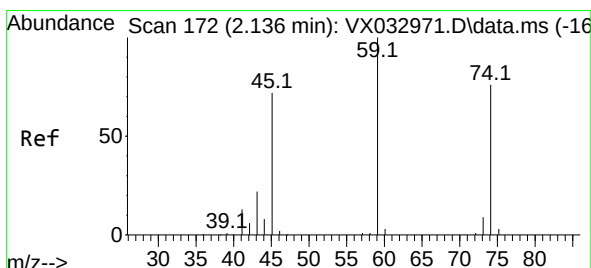
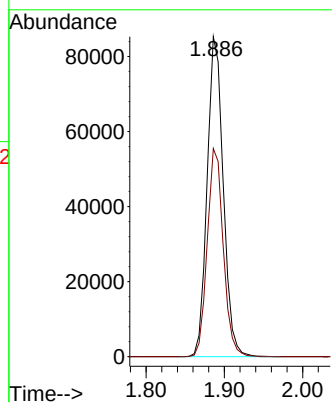
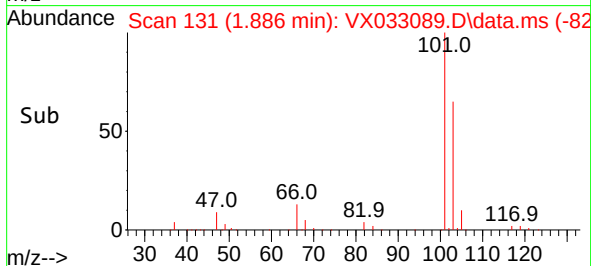
Instrument :
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Tgt Ion:101 Resp: 121590
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

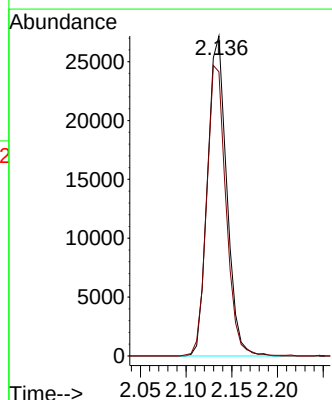
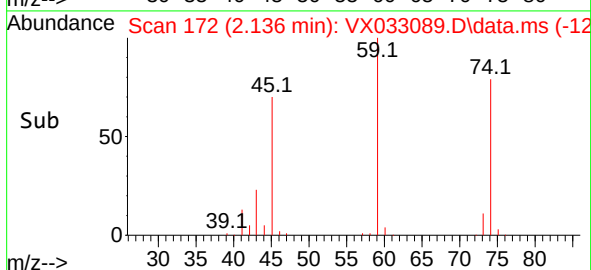
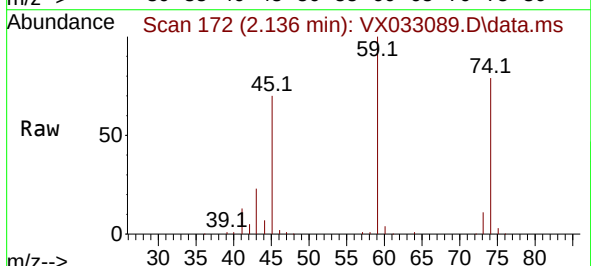
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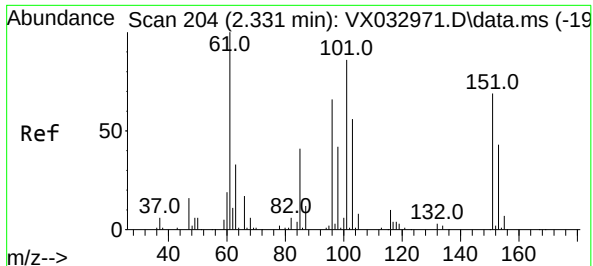
Reviewed By :John Carlone 11/29/2022
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#8
Diethyl Ether
Concen: 53.693 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

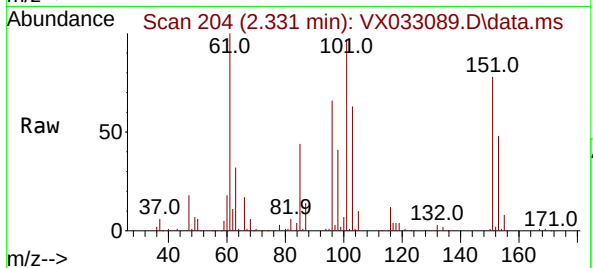
Tgt Ion: 74 Resp: 39468
Ion Ratio Lower Upper
74 100
45 91.8 46.6 139.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.715 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

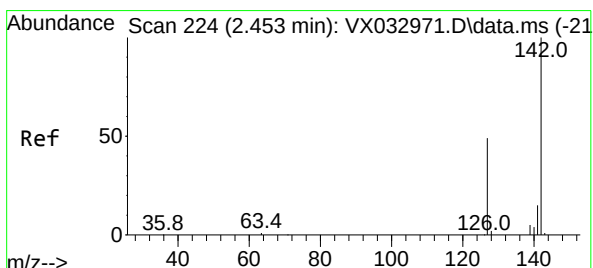
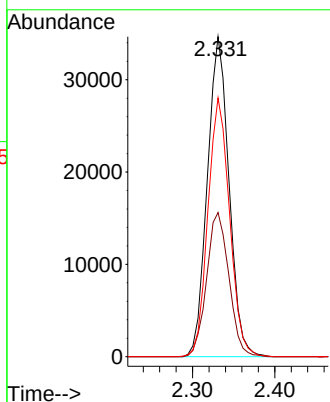
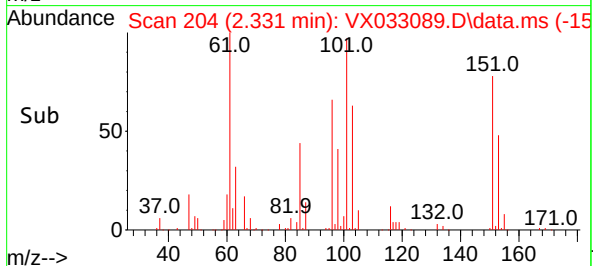
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ClientSampleId :
VSTDCCC050EC



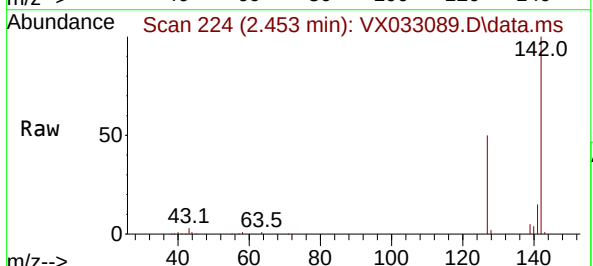
Tgt Ion:101 Resp: 63464
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.4
151 80.9 64.4 96.6

Manual Integrations
APPROVED

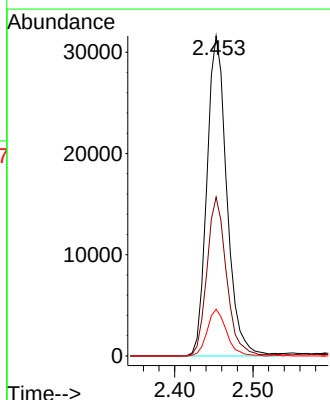
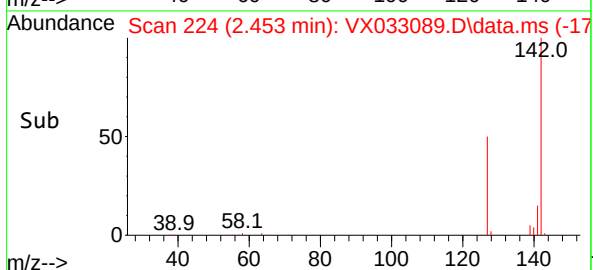
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

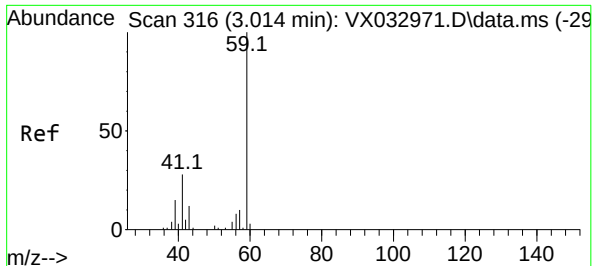


#10
Methyl Iodide
Concen: 39.790 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00



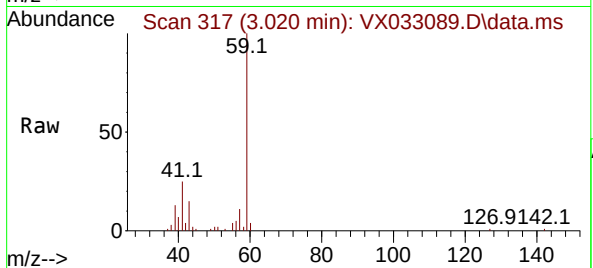
Tgt Ion:142 Resp: 55899
Ion Ratio Lower Upper
142 100
127 48.8 38.6 57.8
141 14.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 312.964 ug/l m
RT: 3.020 min Scan# 316
Delta R.T. 0.055 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

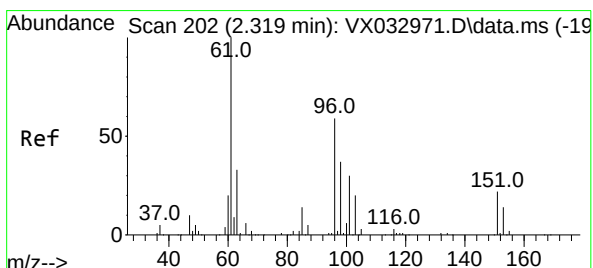
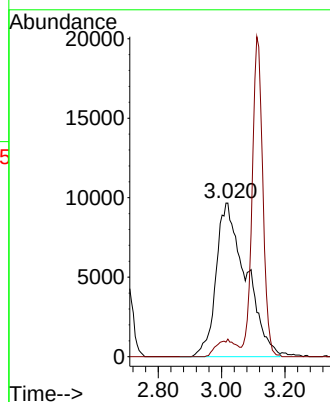
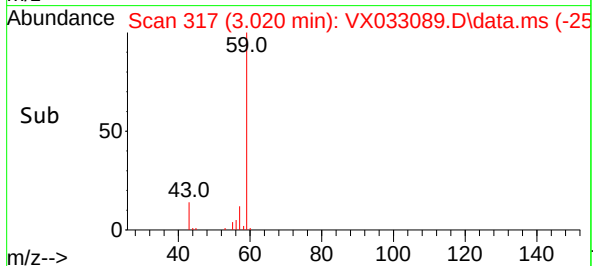
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 63289
Ion Ratio Lower Upper
59 100
57 7.2 8.2 12.4

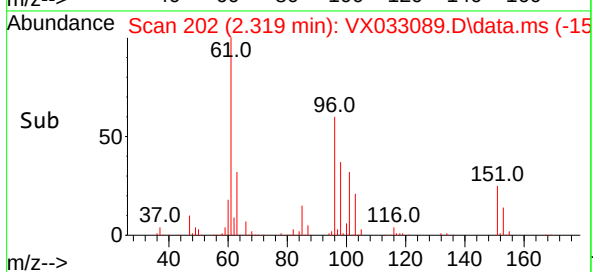
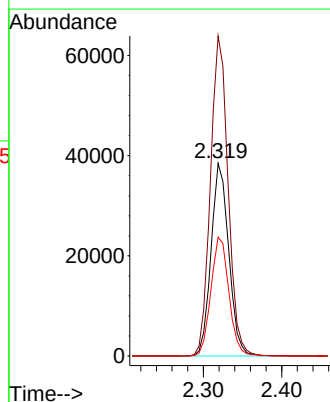
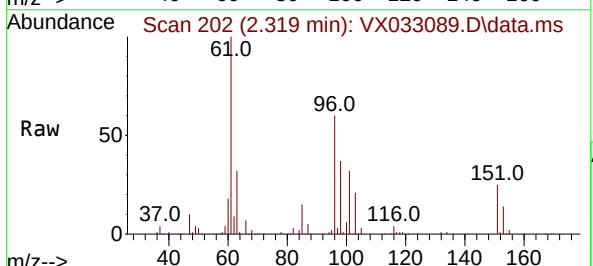
Manual Integrations
APPROVED

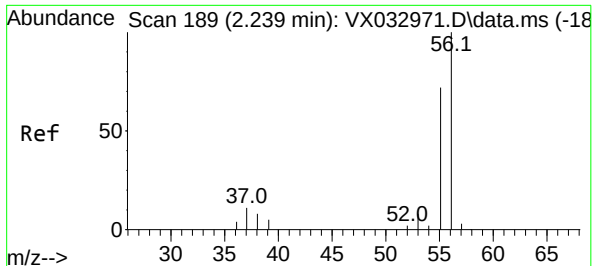
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#12
1,1-Dichloroethene
Concen: 52.770 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

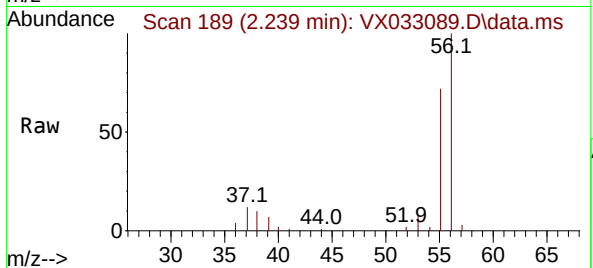
Tgt Ion: 96 Resp: 60324
Ion Ratio Lower Upper
96 100
61 166.1 125.1 187.7
98 61.7 50.6 76.0





#13
Acrolein
Concen: 322.819 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

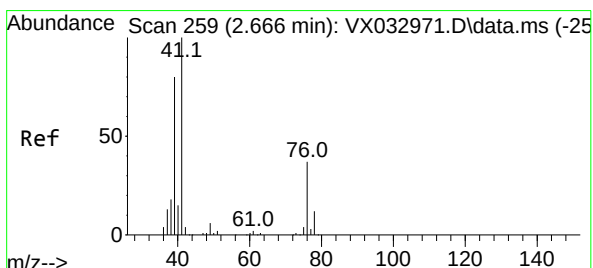
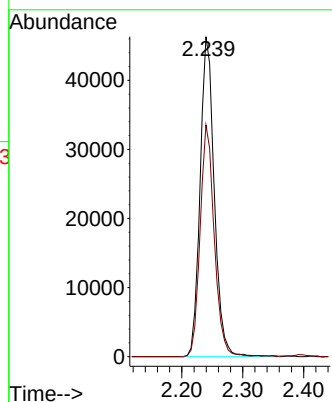
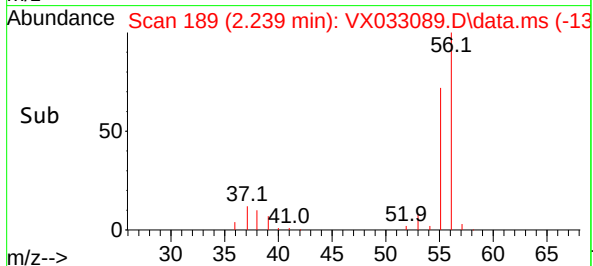
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 74980
Ion Ratio Lower Upper
56 100
55 72.1 56.9 85.3

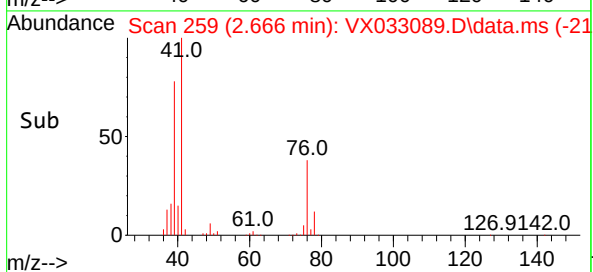
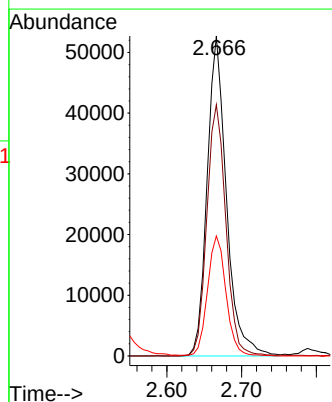
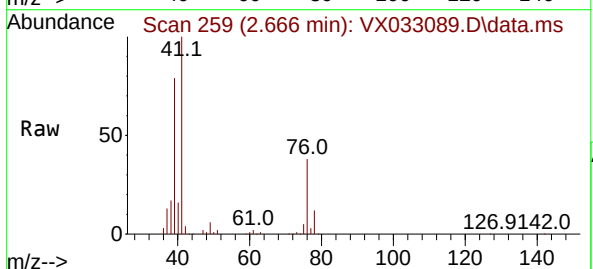
Manual Integrations
APPROVED

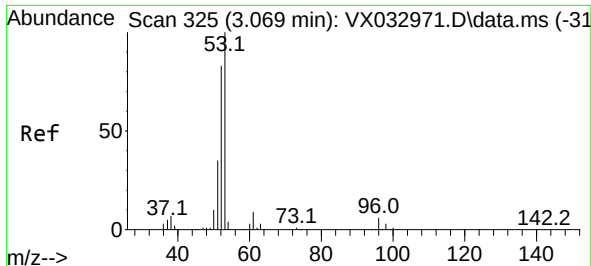
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#14
Allyl chloride
Concen: 51.380 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

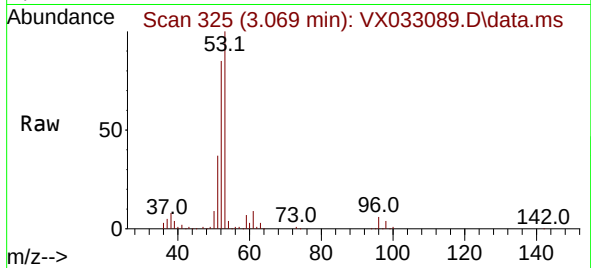
Tgt Ion: 41 Resp: 94825
Ion Ratio Lower Upper
41 100
39 77.2 61.4 92.2
76 36.0 29.2 43.8





#15
Acrylonitrile
Concen: 280.040 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

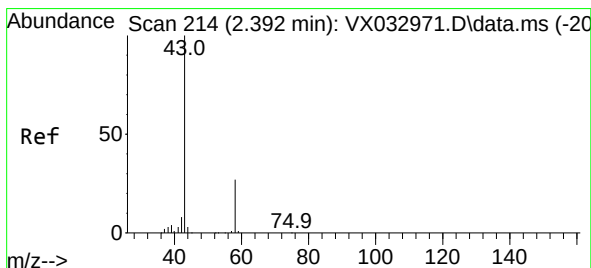
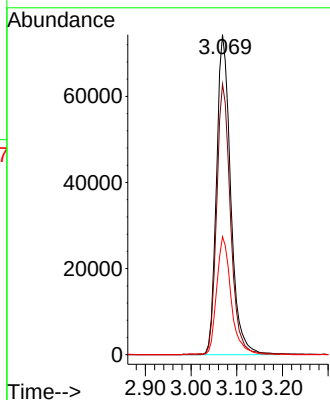
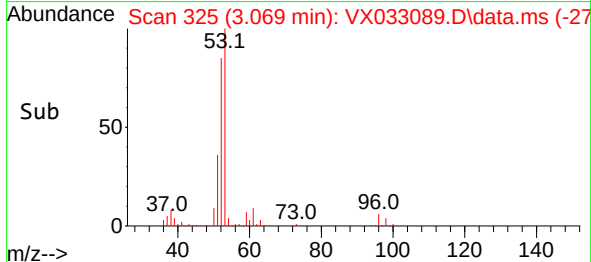
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



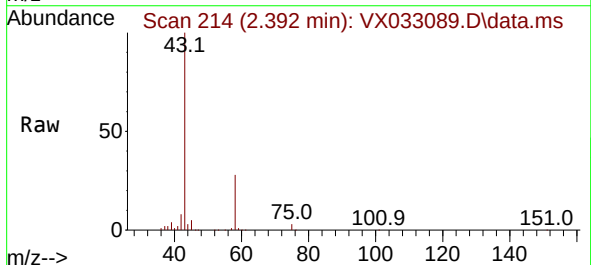
Tgt Ion: 53 Resp: 160179
Ion Ratio Lower Upper
53 100
52 82.6 67.4 101.0
51 37.0 30.3 45.5

Manual Integrations
APPROVED

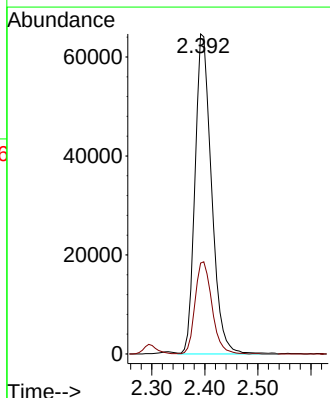
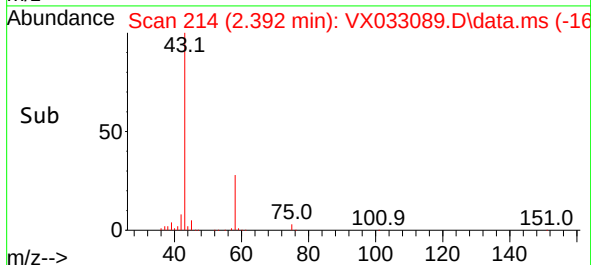
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

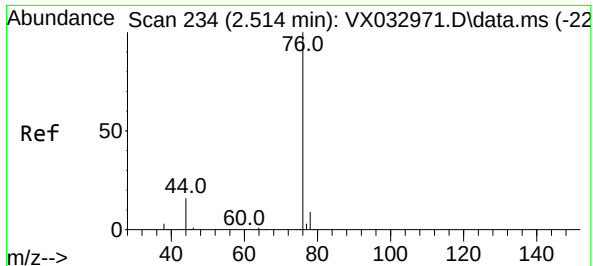


#16
Acetone
Concen: 234.703 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00



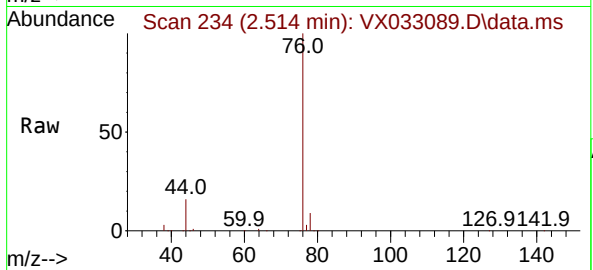
Tgt Ion: 43 Resp: 139831
Ion Ratio Lower Upper
43 100
58 28.4 23.8 35.8





#17
Carbon Disulfide
Concen: 45.776 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

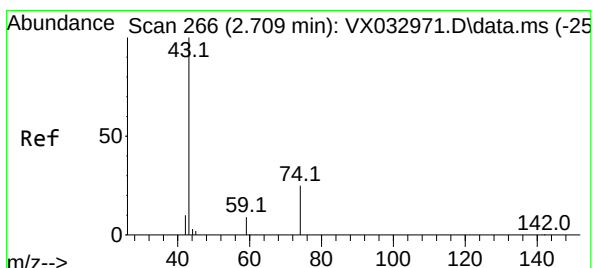
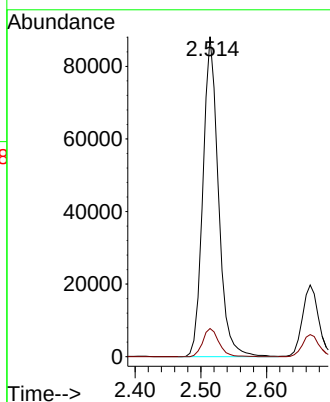
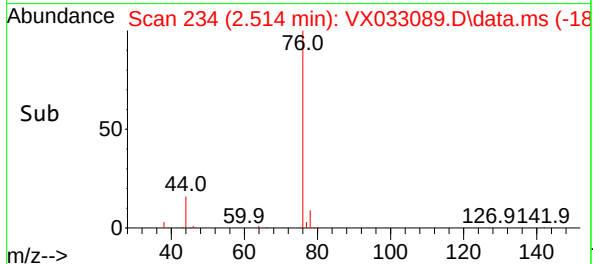
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



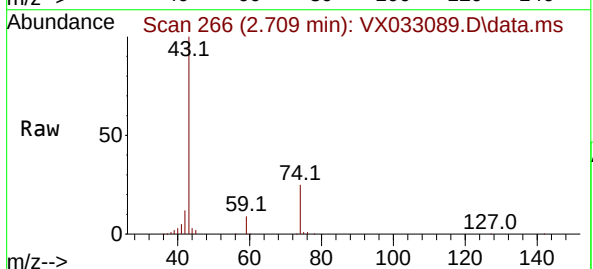
Tgt Ion: 76 Resp: 144579
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

Manual Integrations
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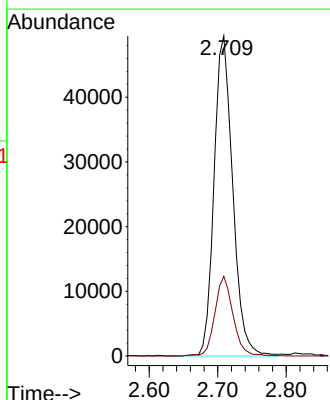
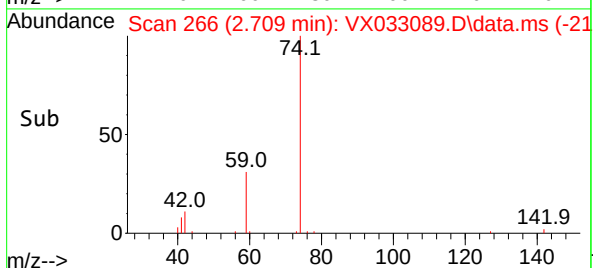
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

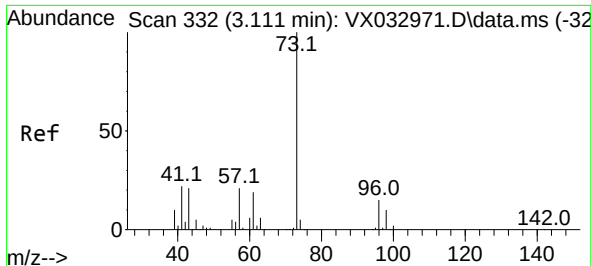


#18
Methyl Acetate
Concen: 56.620 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00



Tgt Ion: 43 Resp: 93378
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.0





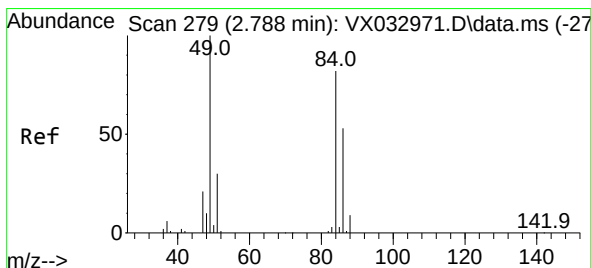
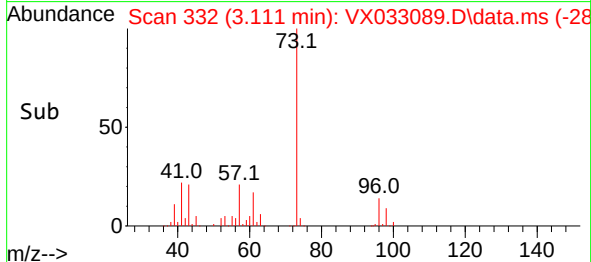
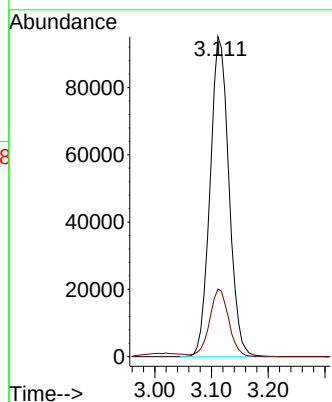
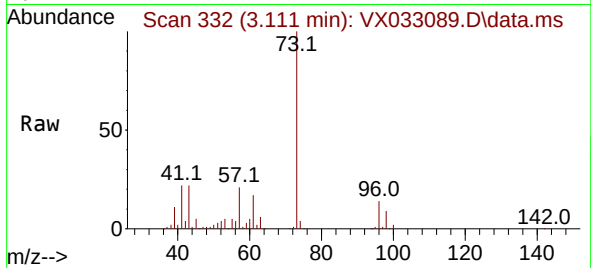
#19
Methyl tert-butyl Ether
Concen: 55.262 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 219090
Ion Ratio Lower Upper
73 100
57 21.2 16.6 25.0

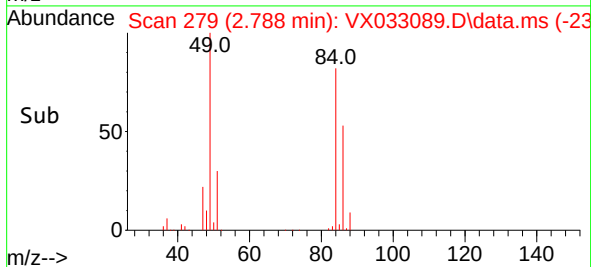
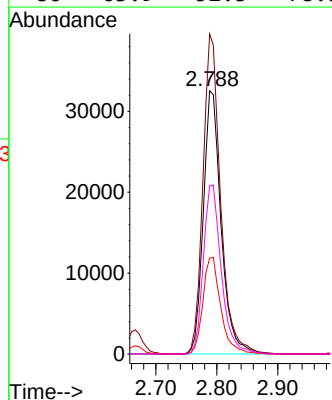
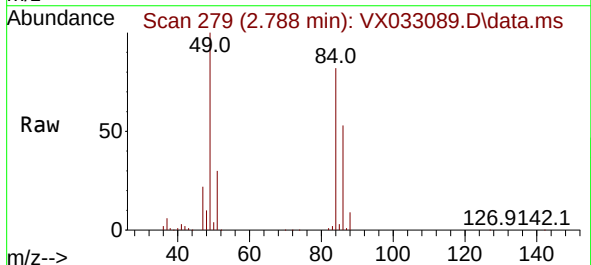
Manual Integrations
APPROVED

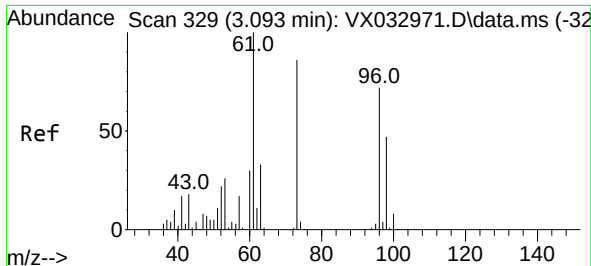
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#20
Methylene Chloride
Concen: 53.373 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

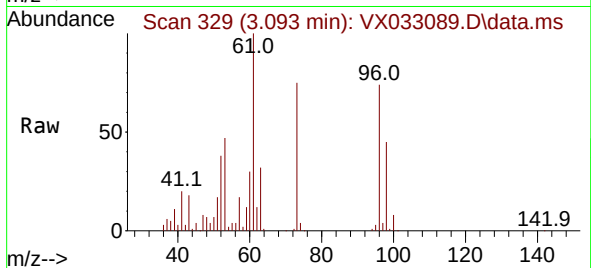
Tgt Ion: 84 Resp: 66056
Ion Ratio Lower Upper
84 100
49 121.6 101.0 151.6
51 36.4 31.1 46.7
86 63.9 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 50.046 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

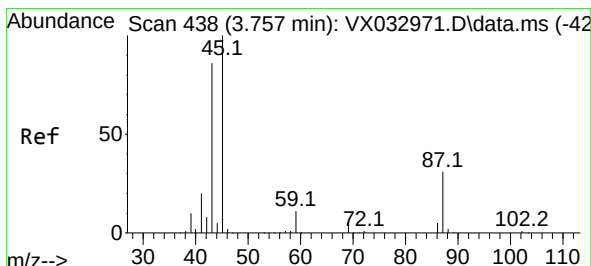
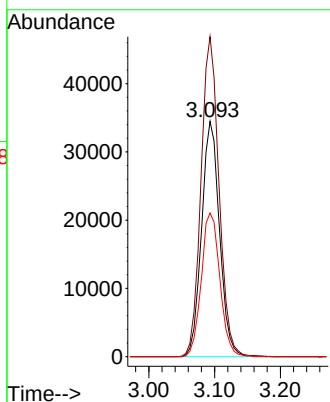
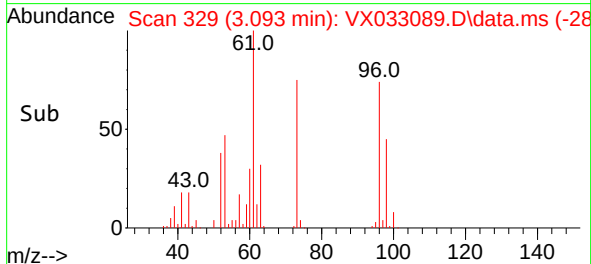
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 6544
Ion Ratio Lower Upper
96 100
61 136.0 106.6 160.0
98 61.1 51.0 76.6

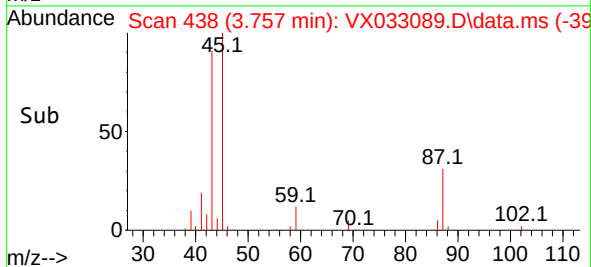
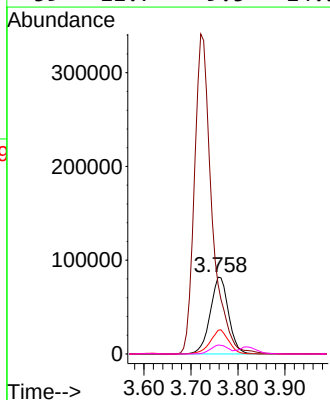
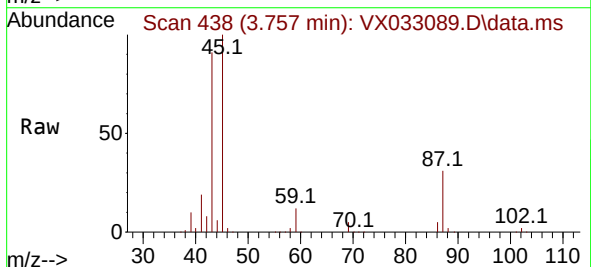
Manual Integrations
APPROVED

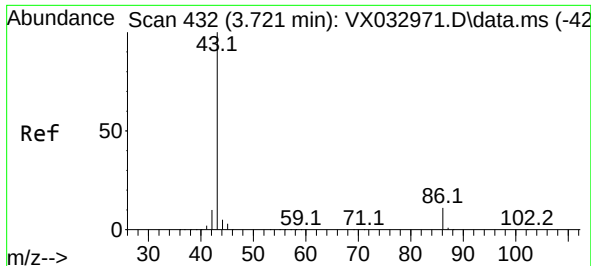
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#22
Diisopropyl ether
Concen: 55.175 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Tgt Ion: 45 Resp: 221732
Ion Ratio Lower Upper
45 100
43 90.8 56.4 84.6#
87 30.9 24.4 36.6
59 11.7 9.5 14.3





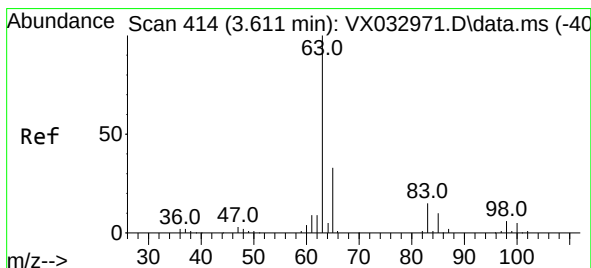
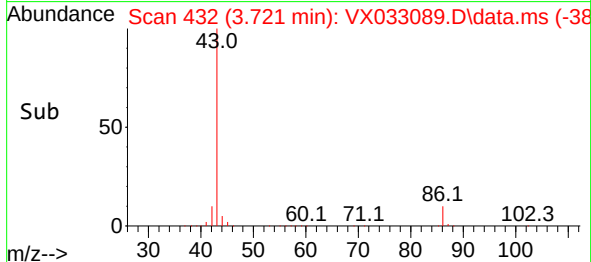
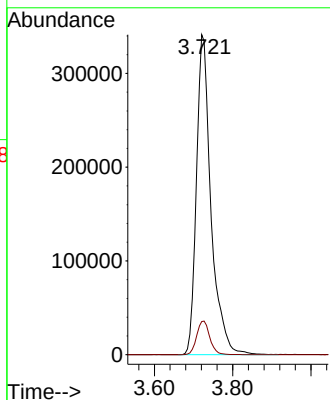
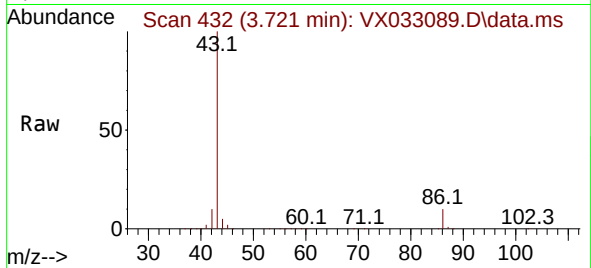
#23
 Vinyl Acetate
 Concen: 280.935 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033089.D
 Acq: 28 Nov 2022 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 88373
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 12.8

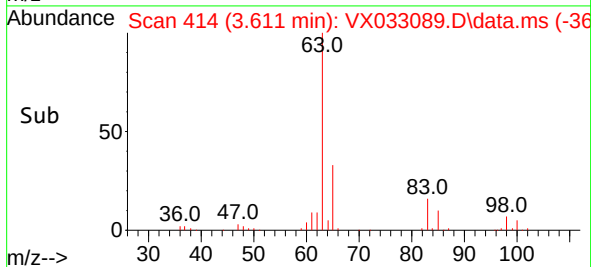
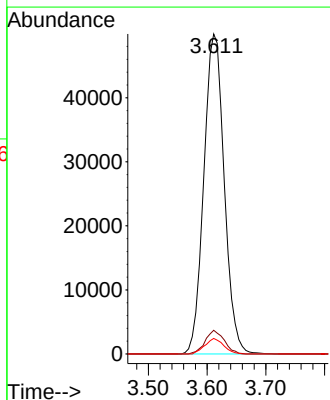
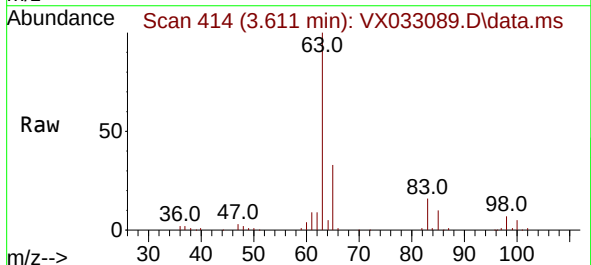
Manual Integrations
 APPROVED

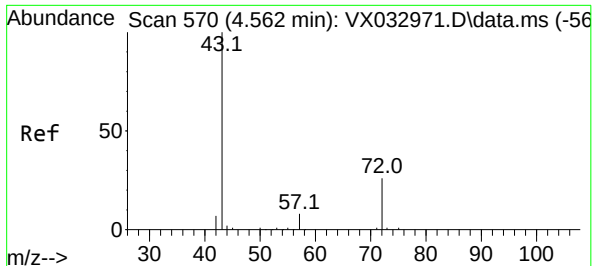
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022



#24
 1,1-Dichloroethane
 Concen: 52.486 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033089.D
 Acq: 28 Nov 2022 14:00

Tgt Ion: 63 Resp: 120699
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.9 2.3 6.8





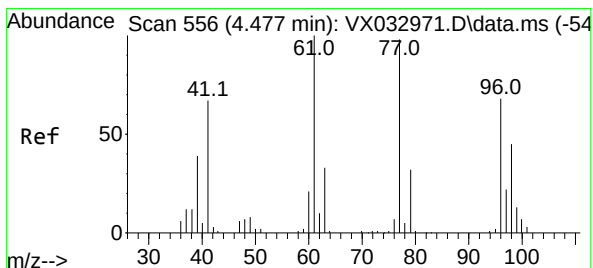
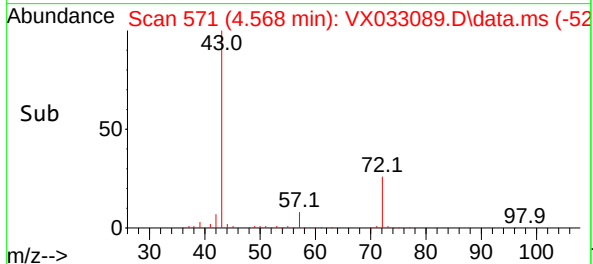
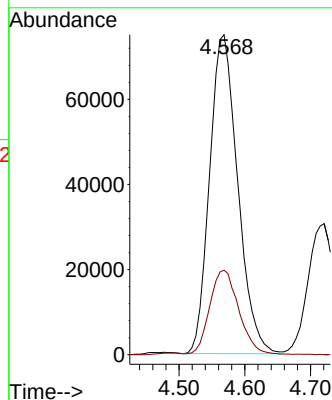
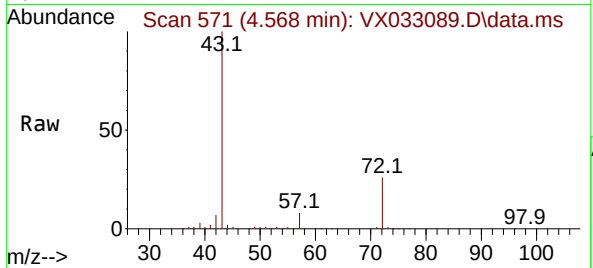
#25
2-Butanone
Concen: 271.526 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 22306
Ion Ratio Lower Upper
43 100
72 26.3 22.2 33.2

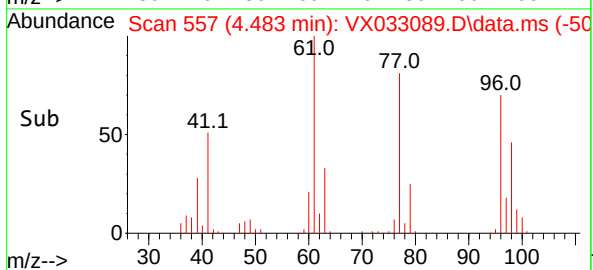
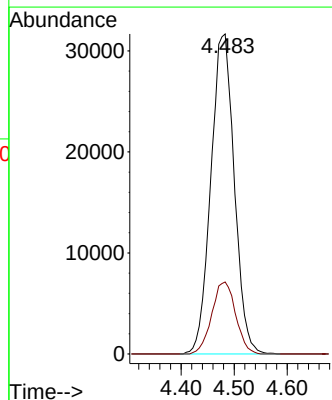
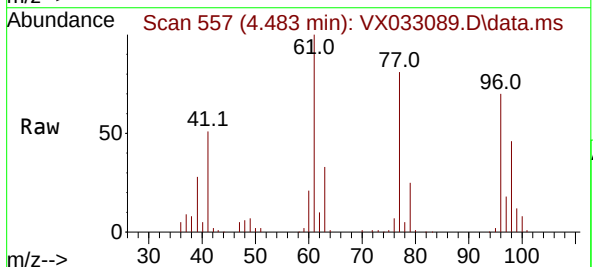
Manual Integrations
APPROVED

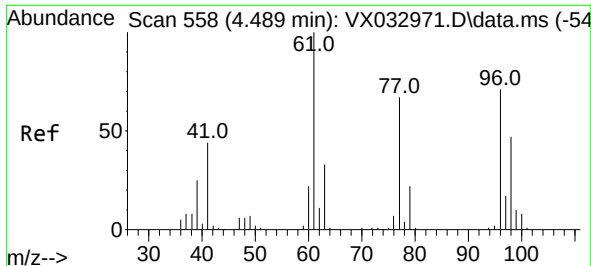
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#26
2,2-Dichloropropane
Concen: 52.522 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Tgt Ion: 77 Resp: 97117
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 53.269 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033089.D

Acq: 28 Nov 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 7914

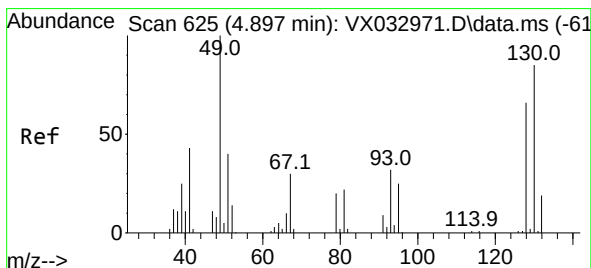
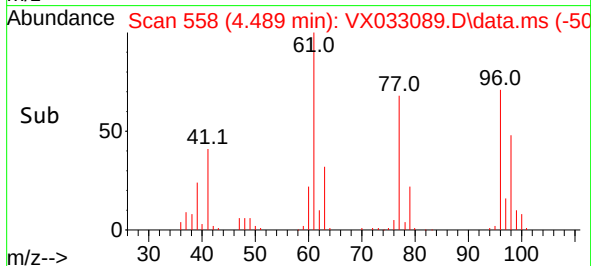
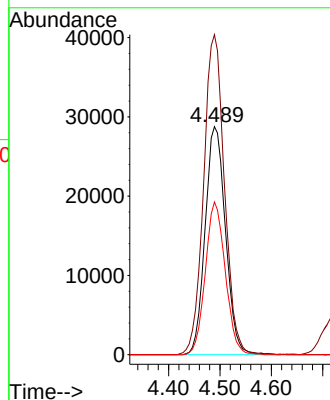
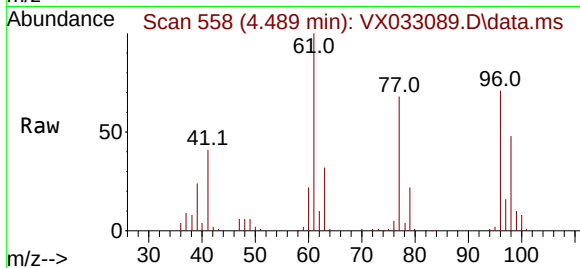
Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	286.0
98	65.5	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#28

Bromochloromethane

Concen: 52.445 ug/l

RT: 4.904 min Scan# 626

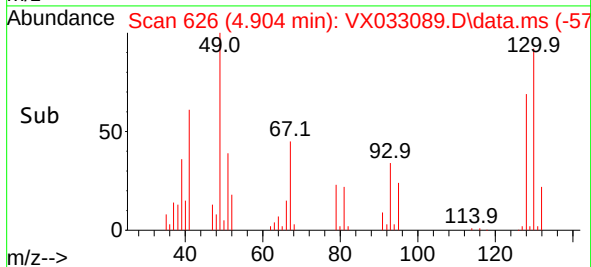
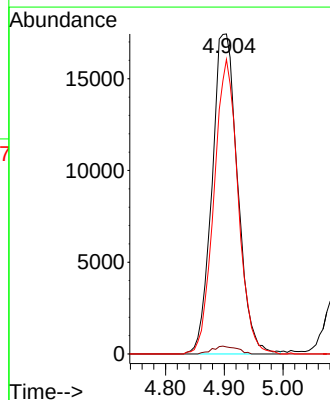
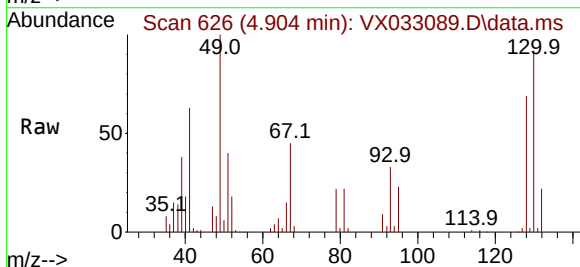
Delta R.T. -0.000 min

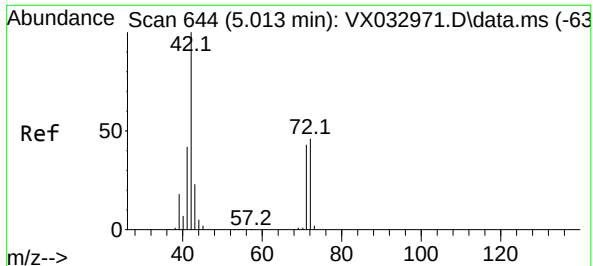
Lab File: VX033089.D

Acq: 28 Nov 2022 14:00

Tgt Ion: 49 Resp: 52994

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.8
130	86.6	67.5	101.3





#29

Tetrahydrofuran

Concen: 282.925 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX033089.D

Acq: 28 Nov 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 14748

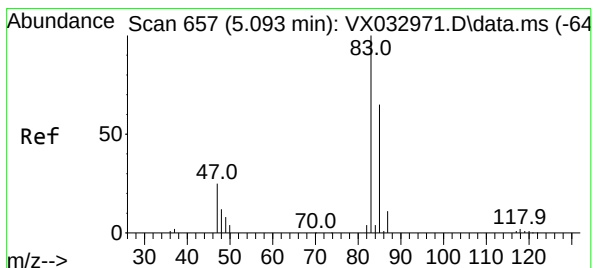
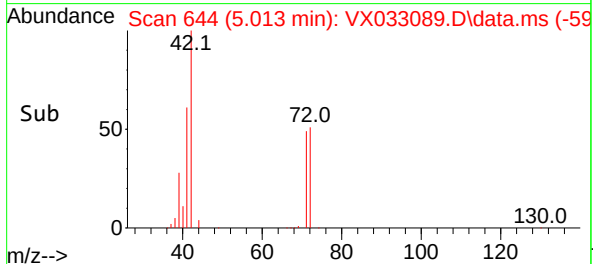
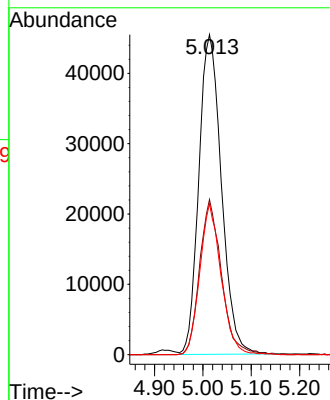
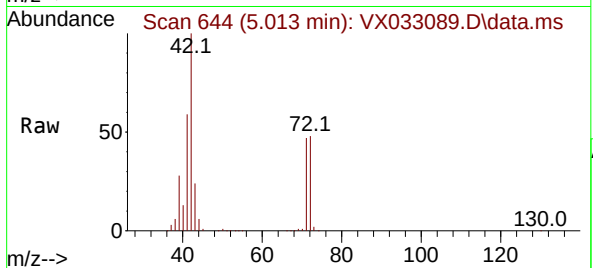
Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.6	56.4
71	44.5	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#30

Chloroform

Concen: 53.341 ug/l

RT: 5.099 min Scan# 658

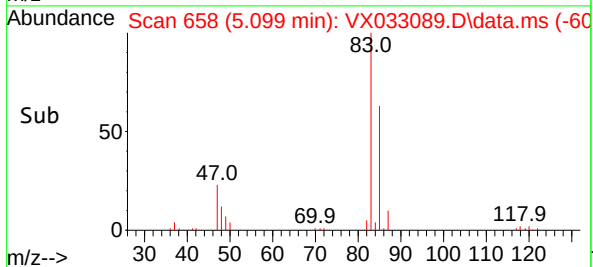
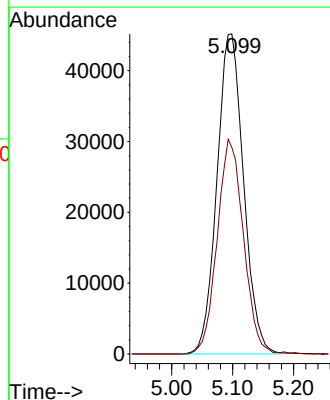
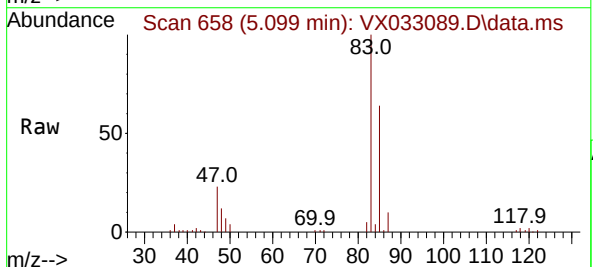
Delta R.T. -0.000 min

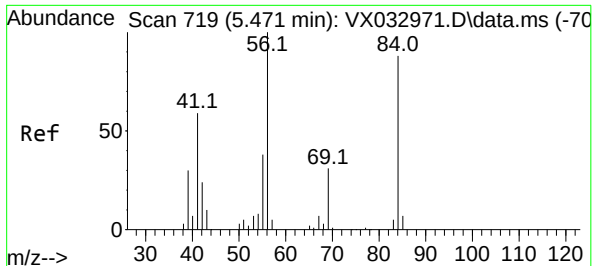
Lab File: VX033089.D

Acq: 28 Nov 2022 14:00

Tgt Ion: 83 Resp: 137386

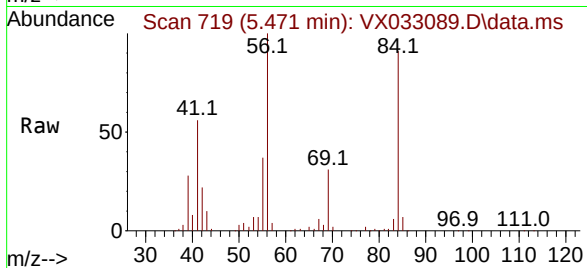
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.1	76.7





#31
Cyclohexane
Concen: 51.370 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

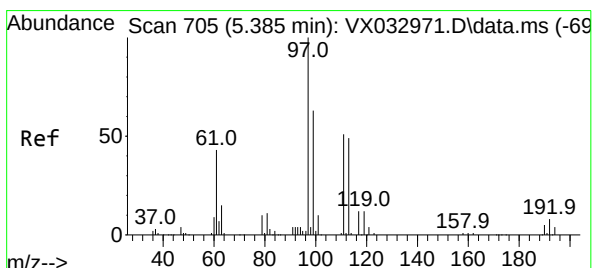
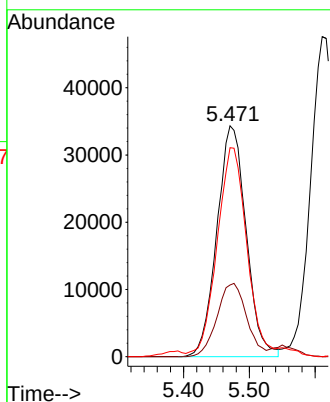
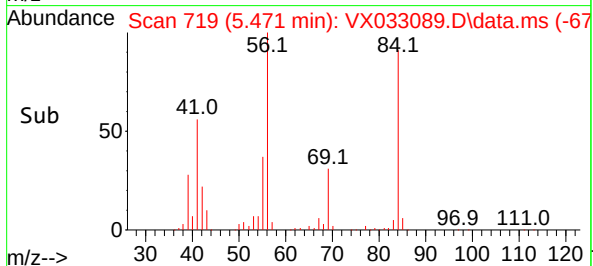
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 10618
Ion Ratio Lower Upper
56 100
69 31.0 24.1 36.1
84 88.0 66.9 100.3

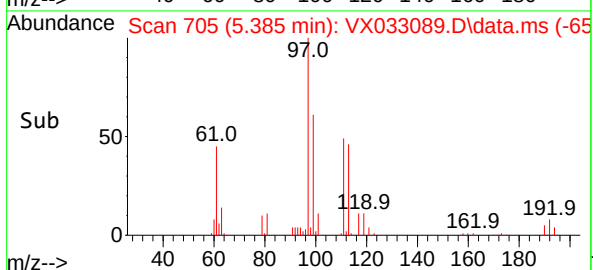
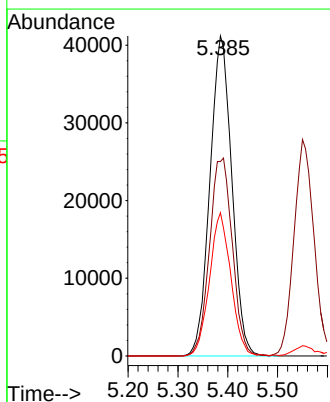
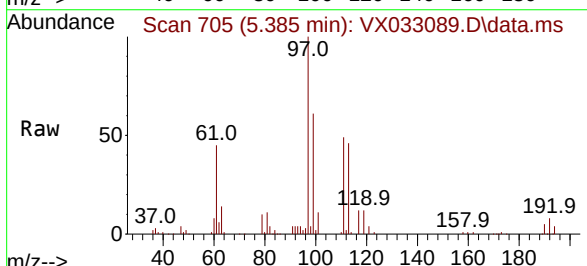
Manual Integrations
APPROVED

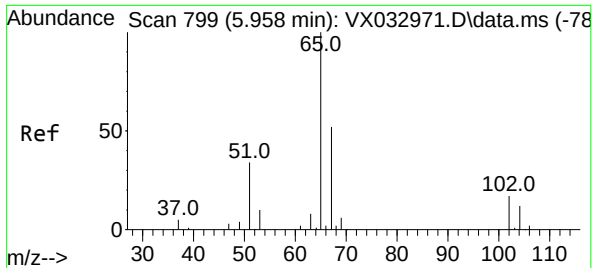
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#32
1,1,1-Trichloroethane
Concen: 54.443 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Tgt Ion: 97 Resp: 125578
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 43.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.581 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033089.D

Acq: 28 Nov 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 64698

Ion Ratio Lower Upper

65 100

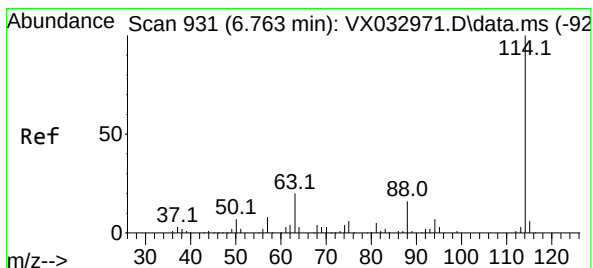
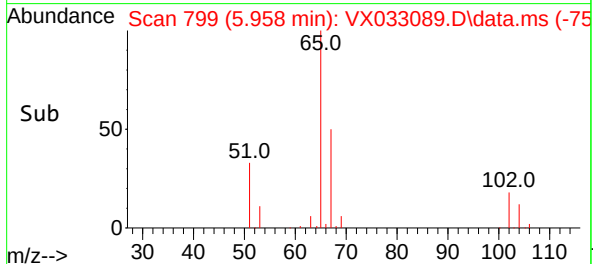
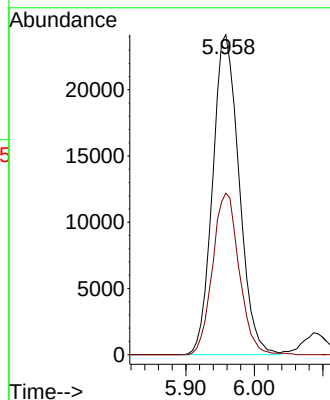
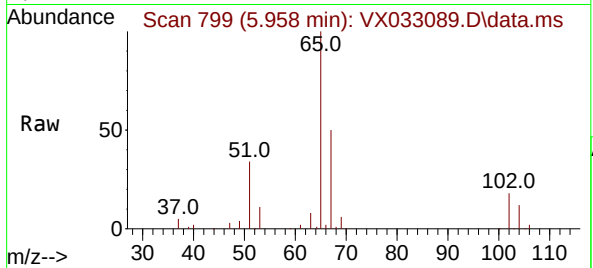
67 50.7 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033089.D

Acq: 28 Nov 2022 14:00

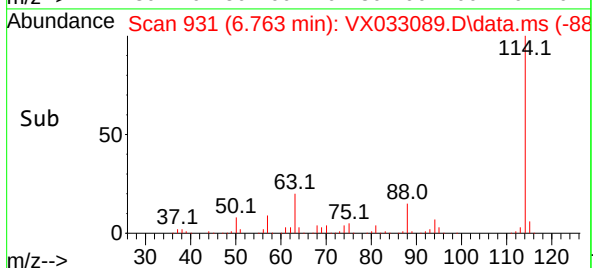
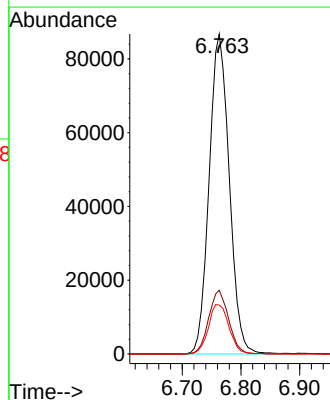
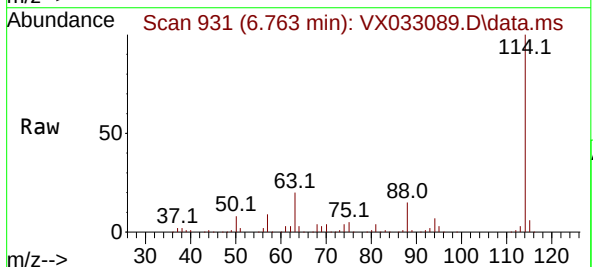
Tgt Ion:114 Resp: 206294

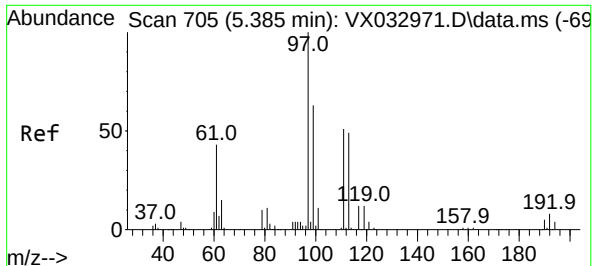
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.6

88 15.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.003 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033089.D

Acq: 28 Nov 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

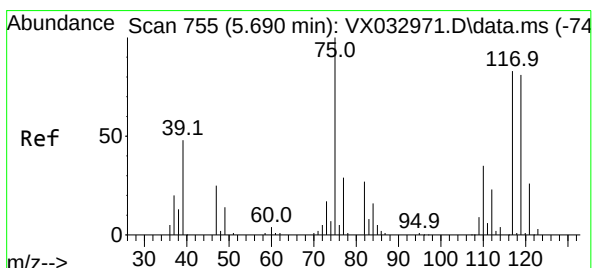
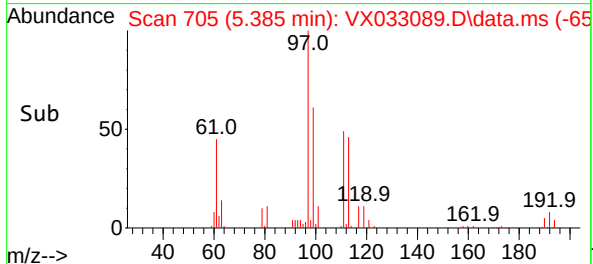
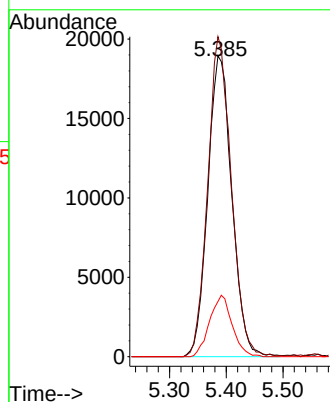
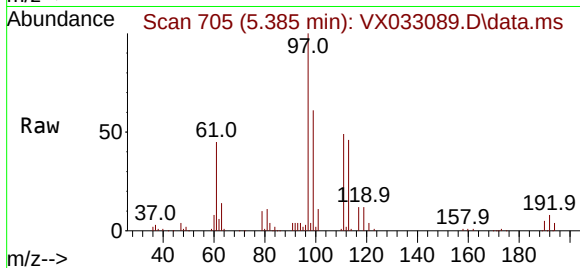
Tgt Ion:113 Resp: 55828
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.4 123.6
 192 19.1 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#36

1,1-Dichloropropene

Concen: 52.410 ug/l

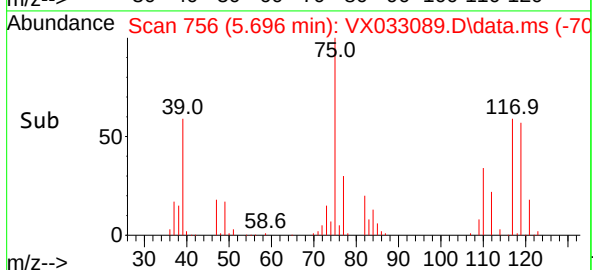
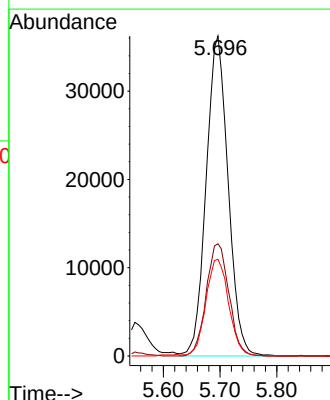
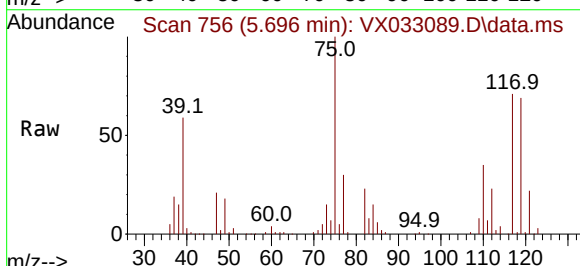
RT: 5.696 min Scan# 756

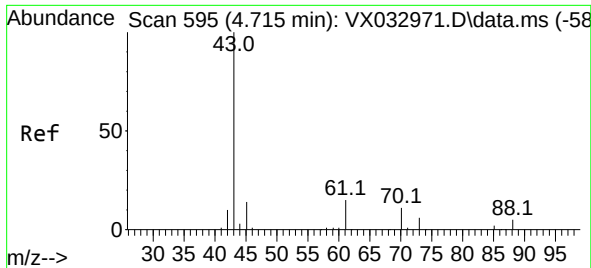
Delta R.T. 0.000 min

Lab File: VX033089.D

Acq: 28 Nov 2022 14:00

Tgt Ion: 75 Resp: 97462
 Ion Ratio Lower Upper
 75 100
 110 36.2 18.4 55.2
 77 31.4 24.5 36.7





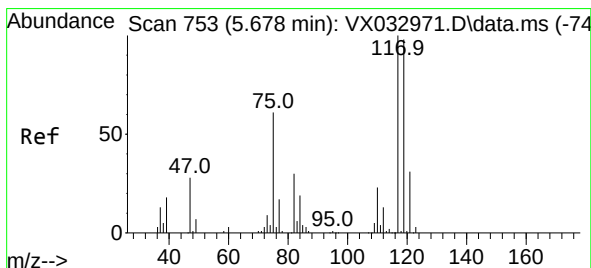
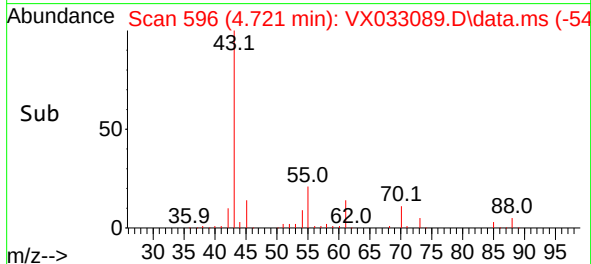
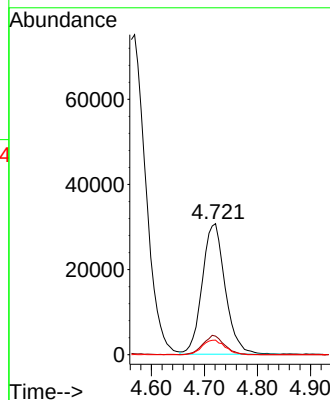
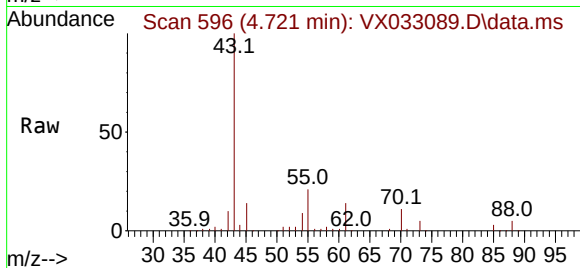
#37
Ethyl Acetate
Concen: 56.770 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 9210
Ion Ratio Lower Upper
43 100
61 13.9 11.5 17.3
70 11.1 9.1 13.7

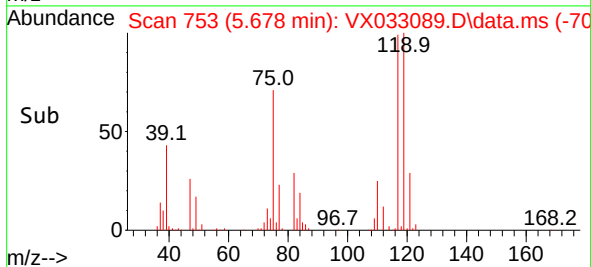
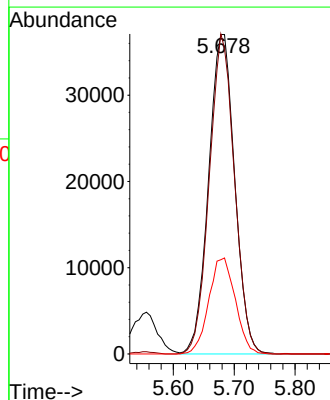
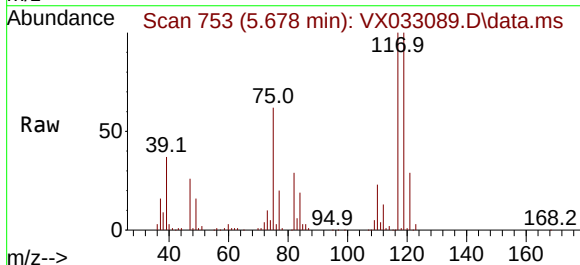
Manual Integrations
APPROVED

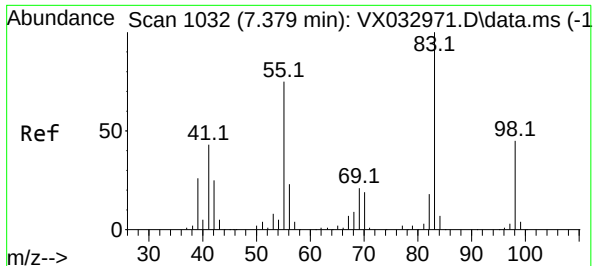
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#38
Carbon Tetrachloride
Concen: 53.447 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Tgt Ion:117 Resp: 110257
Ion Ratio Lower Upper
117 100
119 100.2 77.2 115.8
121 29.5 25.8 38.6





#39

Methylcyclohexane

Concen: 52.158 ug/l

RT: 7.385 min Scan# 11066

Delta R.T. -0.000 min

Lab File: VX033089.D

Acq: 28 Nov 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 11066

Ion Ratio Lower Upper

83 100

55 70.8 58.4 87.6

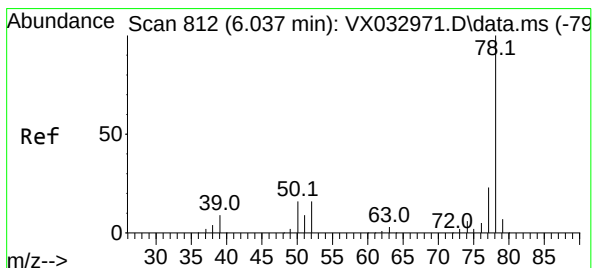
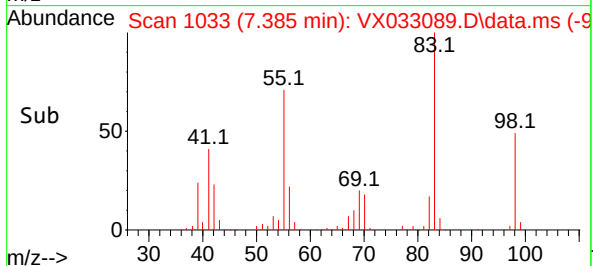
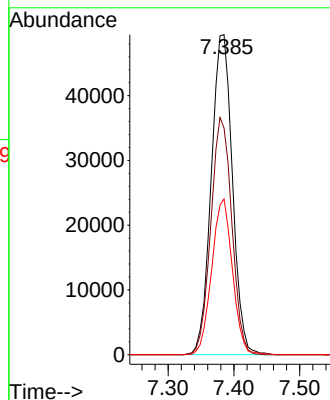
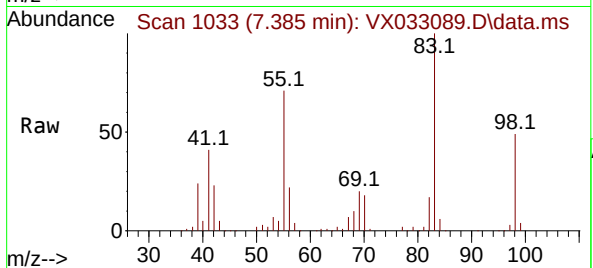
98 48.6 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#40

Benzene

Concen: 52.950 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX033089.D

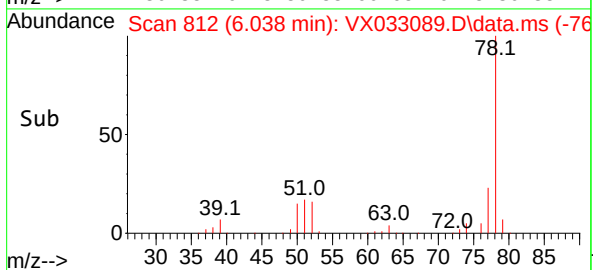
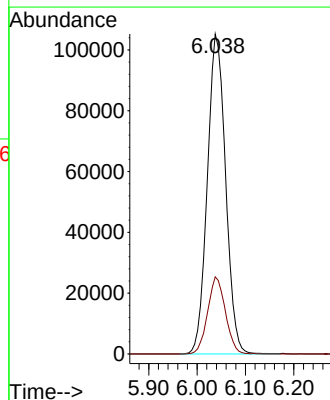
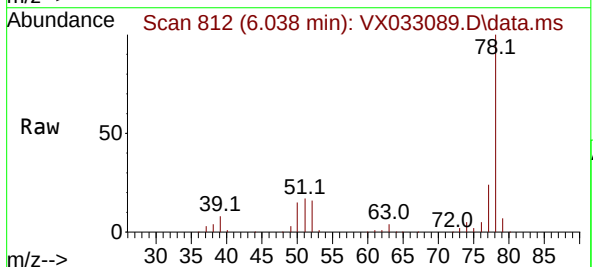
Acq: 28 Nov 2022 14:00

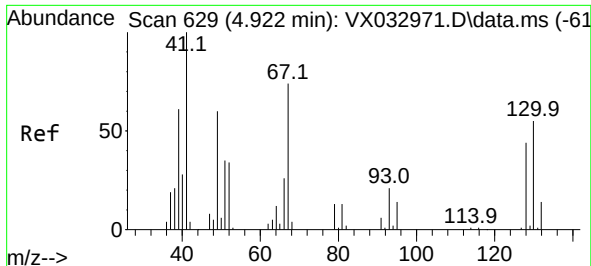
Tgt Ion: 78 Resp: 276074

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4





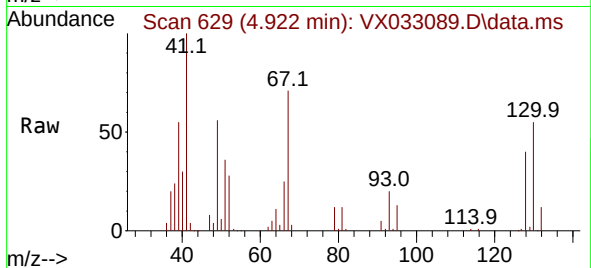
#41
Methacrylonitrile
Concen: 56.707 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



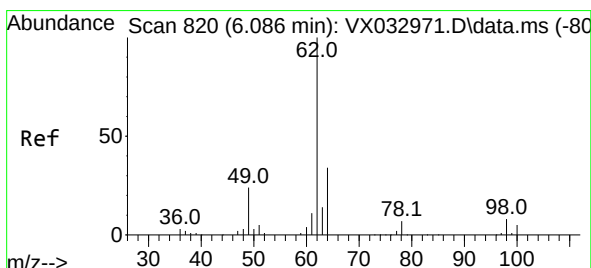
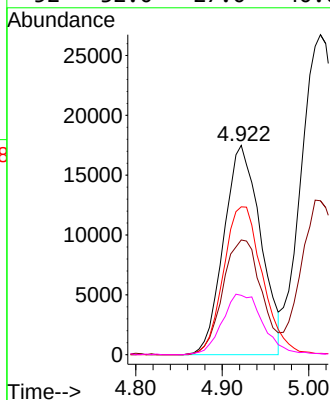
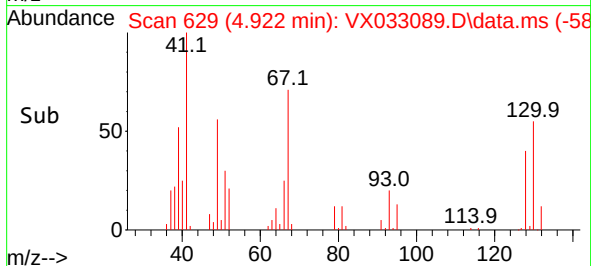
Tgt Ion: 41 Resp: 5176
Ion Ratio Lower Upper
41 100
39 57.1 47.5 71.3
67 75.1 60.5 90.7
52 32.0 27.0 40.6

Manual Integrations

APPROVED

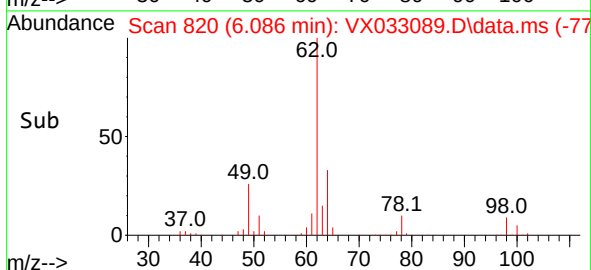
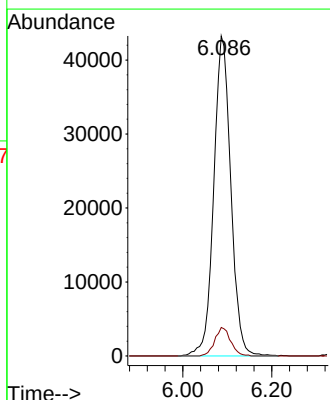
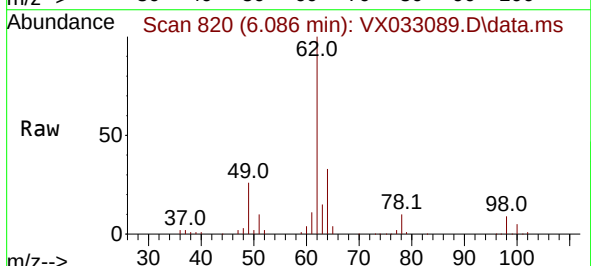
Reviewed By :John Carlone 11/29/2022

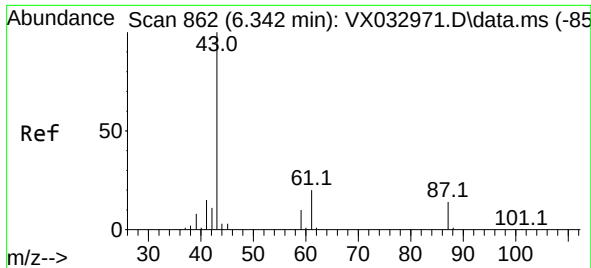
Supervised By :Mahesh Dadoda 11/29/2022



#42
1,2-Dichloroethane
Concen: 54.784 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

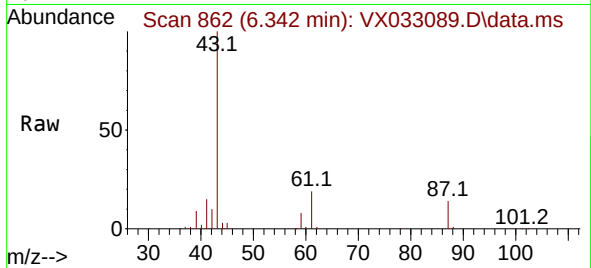
Tgt Ion: 62 Resp: 115009
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 58.346 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

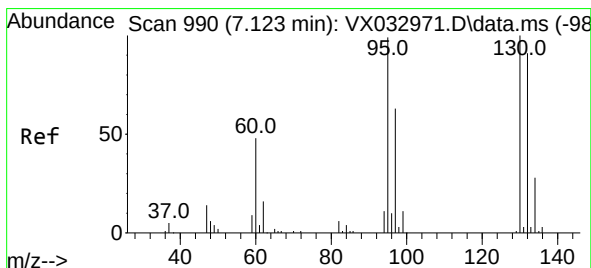
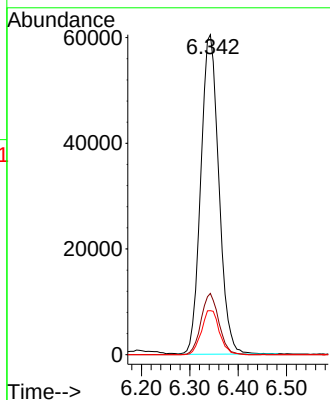
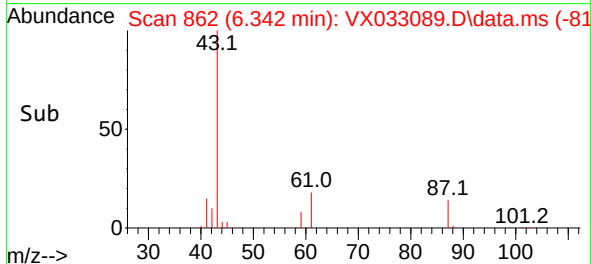
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 156549
Ion Ratio Lower Upper
43 100
61 18.8 15.4 23.0
87 13.8 10.8 16.2

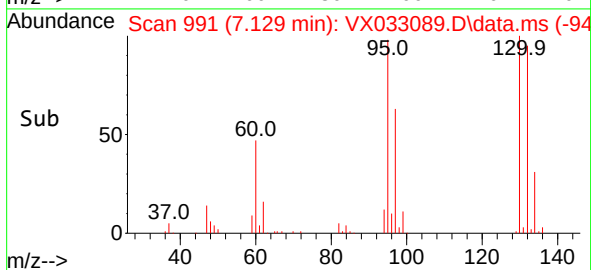
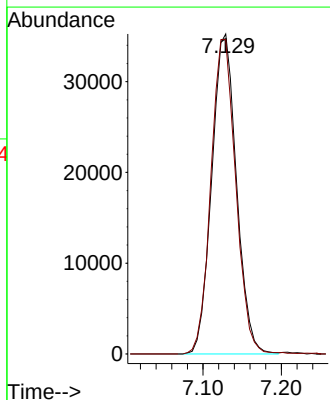
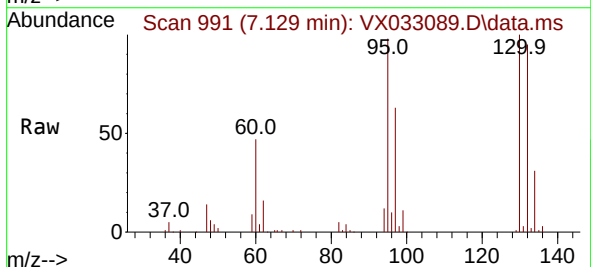
Manual Integrations
APPROVED

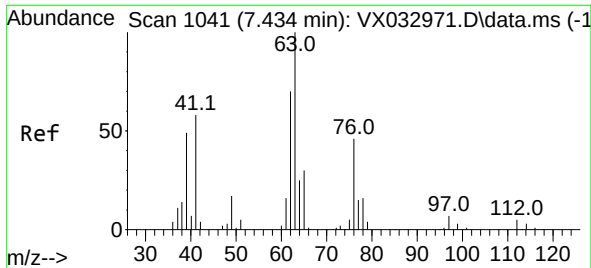
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#44
Trichloroethene
Concen: 52.835 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Tgt Ion:130 Resp: 77301
Ion Ratio Lower Upper
130 100
95 98.2 0.0 195.2





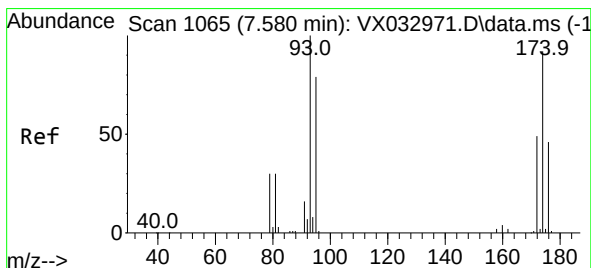
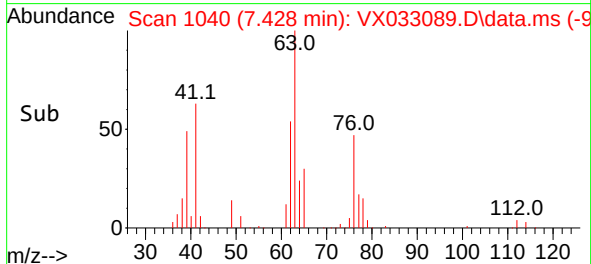
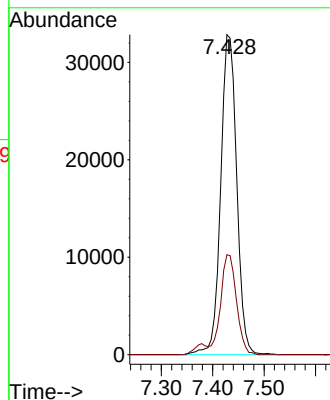
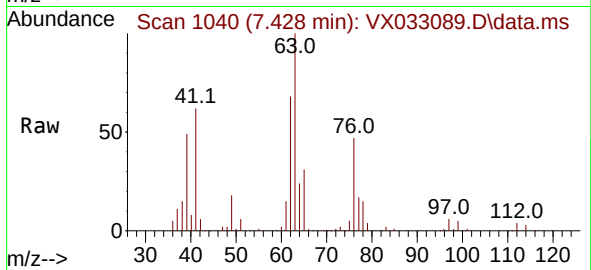
#45
1,2-Dichloropropane
Concen: 55.136 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 71044
Ion Ratio Lower Upper
63 100
65 31.3 24.6 36.8

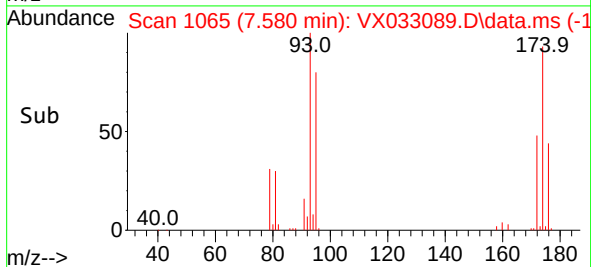
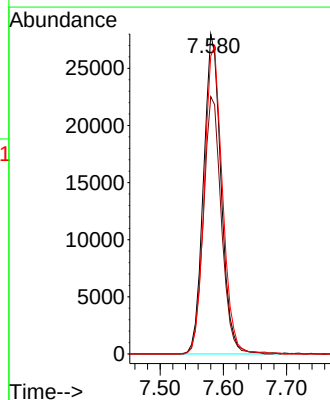
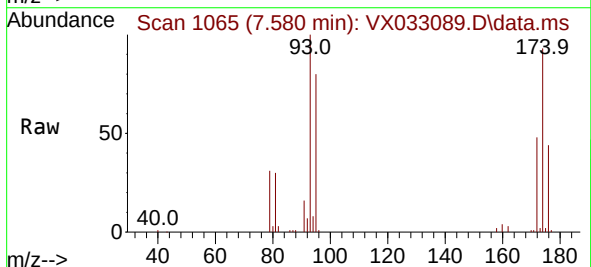
Manual Integrations
APPROVED

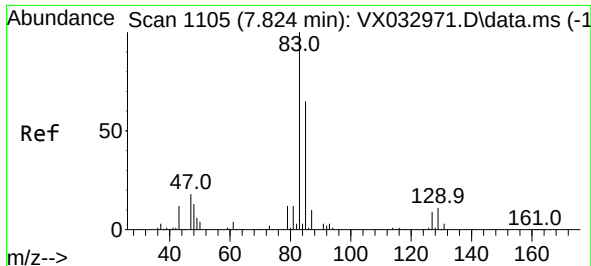
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#46
Dibromomethane
Concen: 53.925 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

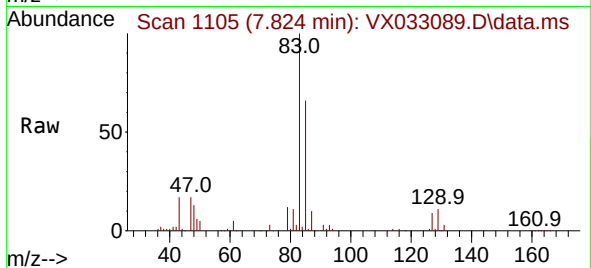
Tgt Ion: 93 Resp: 54216
Ion Ratio Lower Upper
93 100
95 81.9 65.8 98.8
174 99.0 79.8 119.6





#47
Bromodichloromethane
Concen: 56.128 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

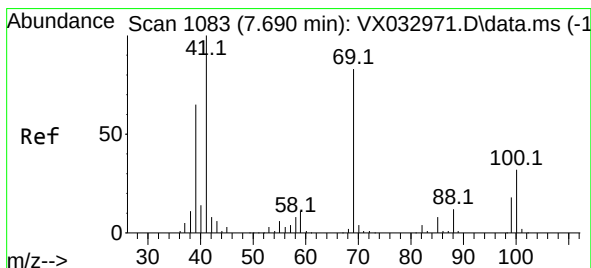
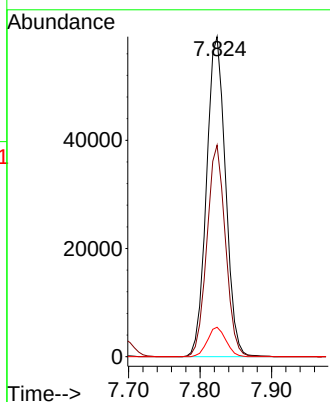
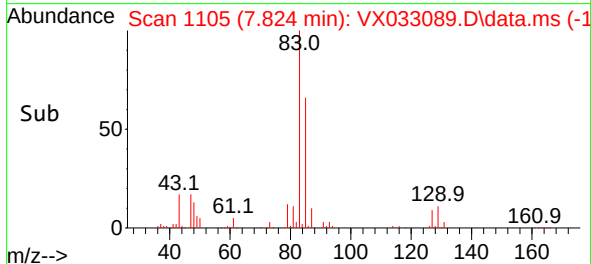
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 10904
Ion Ratio Lower Upper
83 100
85 66.1 52.2 78.4
127 9.2 7.4 11.2

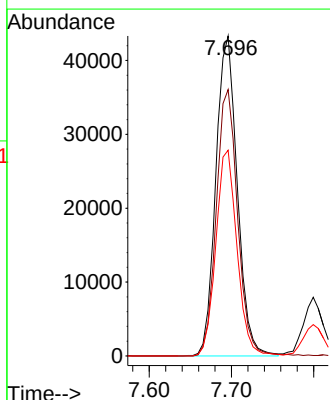
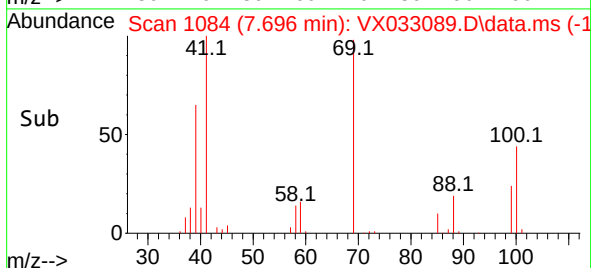
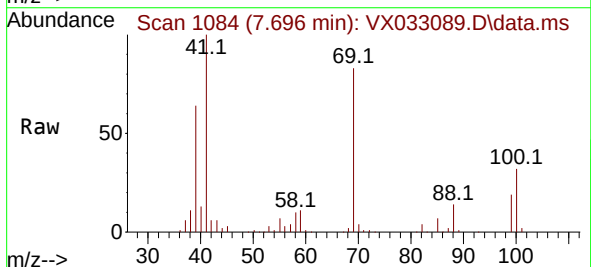
Manual Integrations
APPROVED

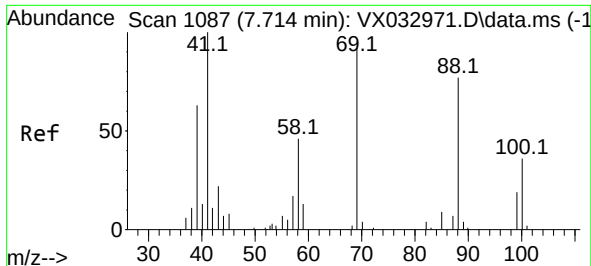
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#48
Methyl methacrylate
Concen: 56.920 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Tgt Ion: 41 Resp: 78613
Ion Ratio Lower Upper
41 100
69 83.0 65.1 97.7
39 63.6 51.9 77.9





#49

1,4-Dioxane

Concen: 1268.917 ug/l

RT: 7.720 min Scan# 1087

Delta R.T. 0.049 min

Lab File: VX033089.D

Acq: 28 Nov 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 32260

Ion Ratio Lower Upper

88 100

43 30.2 26.6 39.8

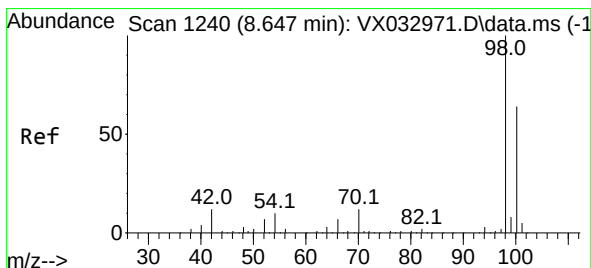
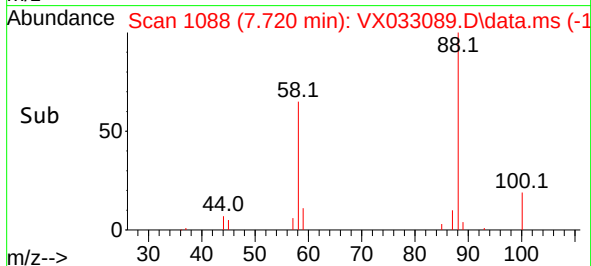
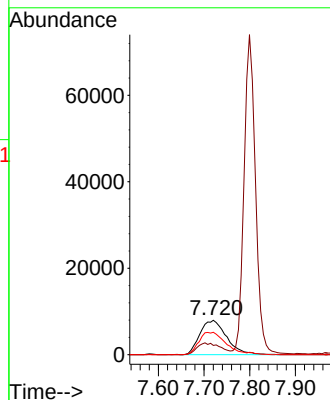
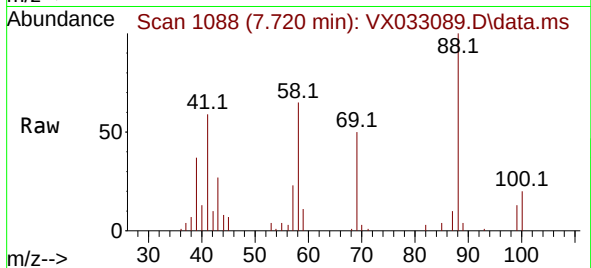
58 66.8 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#50

Toluene-d8

Concen: 50.232 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033089.D

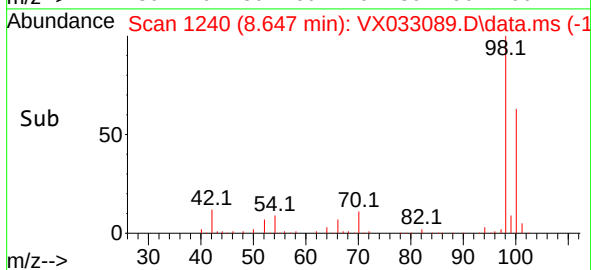
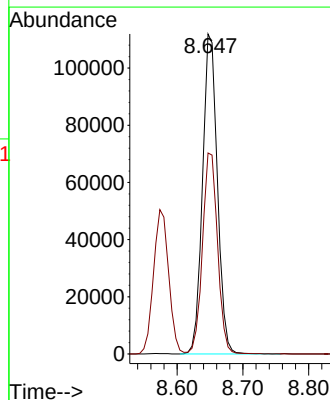
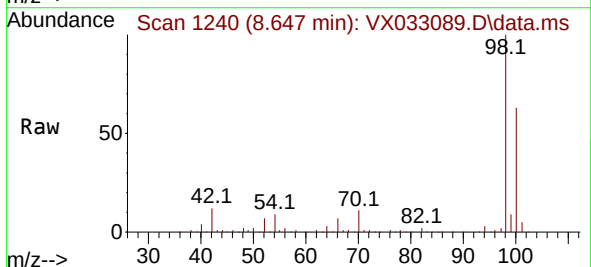
Acq: 28 Nov 2022 14:00

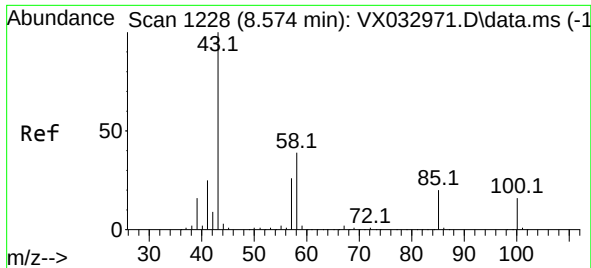
Tgt Ion: 98 Resp: 175739

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3





#51
4-Methyl-2-Pentanone
Concen: 296.043 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

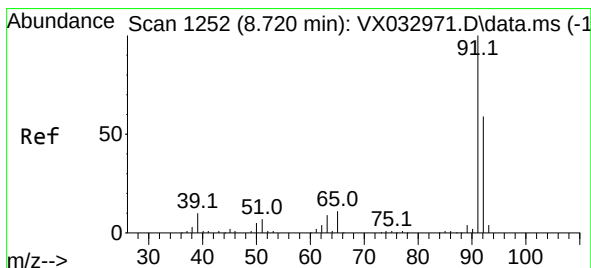
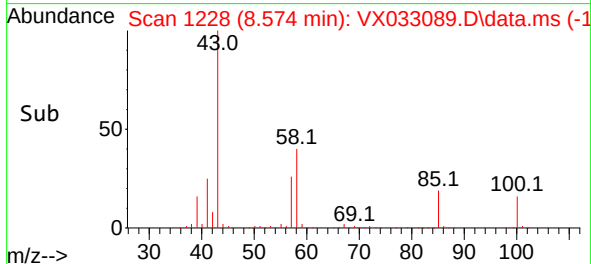
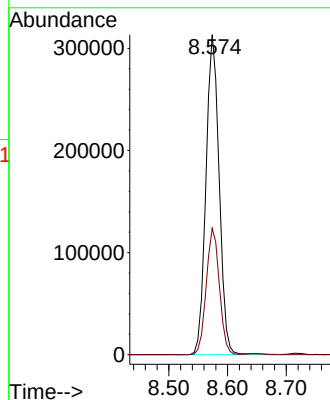
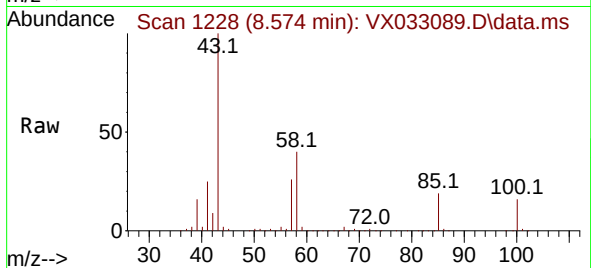
VSTDCCC050EC

Tgt Ion: 43 Resp: 490149
Ion Ratio Lower Upper
43 100
58 39.2 30.9 46.3

Manual Integrations

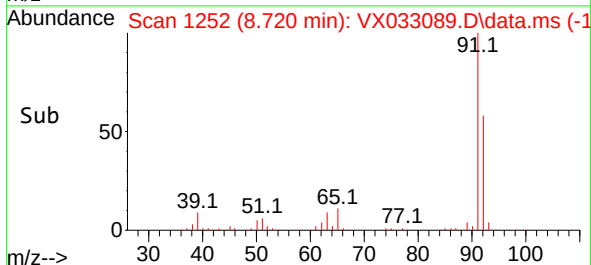
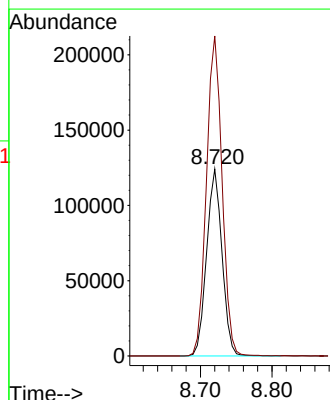
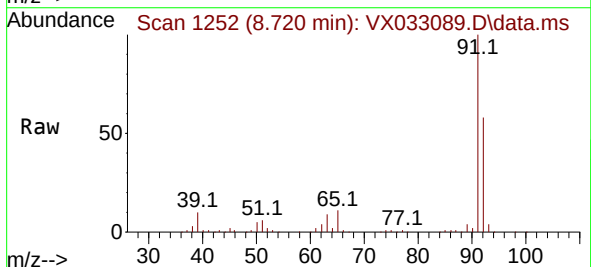
APPROVED

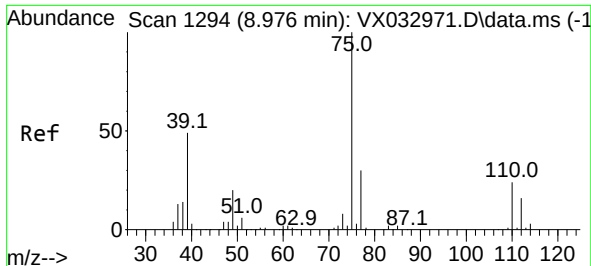
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#52
Toluene
Concen: 54.163 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Tgt Ion: 92 Resp: 185790
Ion Ratio Lower Upper
92 100
91 173.9 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 53.270 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX033089.D

Acq: 28 Nov 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 111410

Ion Ratio Lower Upper

75 100

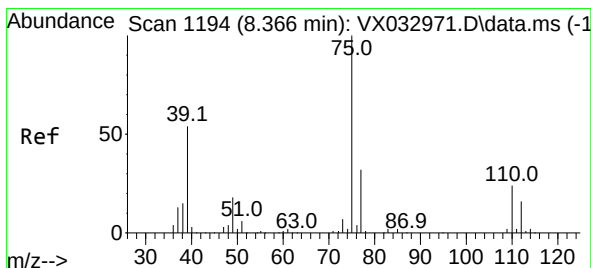
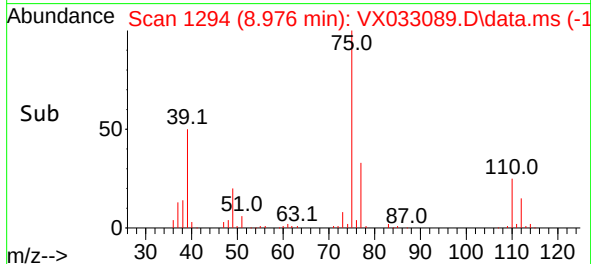
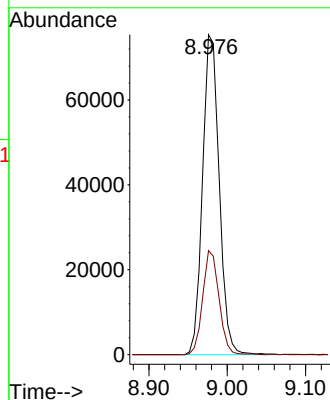
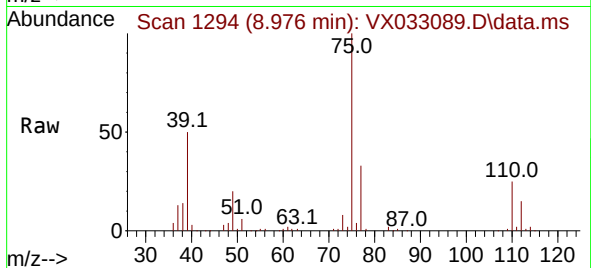
77 32.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#54

cis-1,3-Dichloropropene

Concen: 56.160 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033089.D

Acq: 28 Nov 2022 14:00

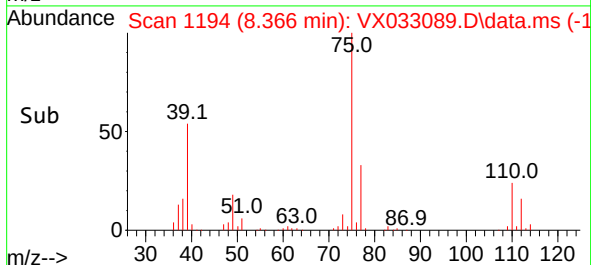
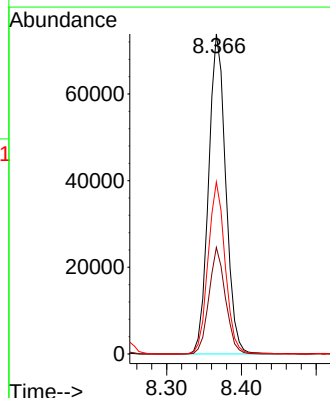
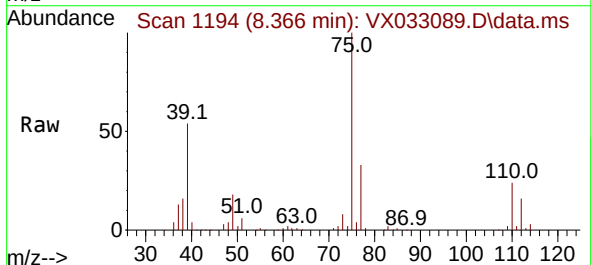
Tgt Ion: 75 Resp: 117619

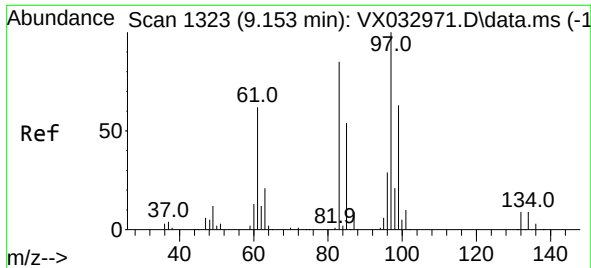
Ion Ratio Lower Upper

75 100

77 33.3 25.1 37.7

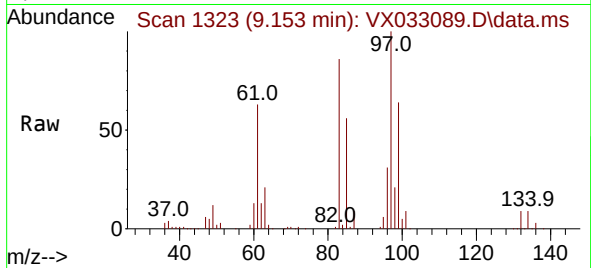
39 53.8 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 55.006 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

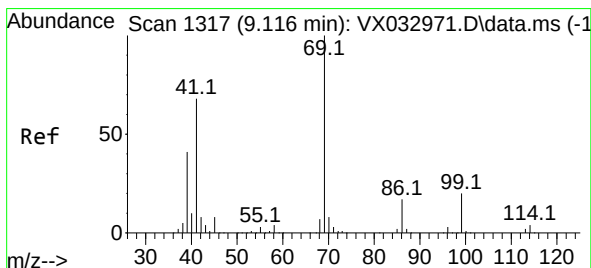
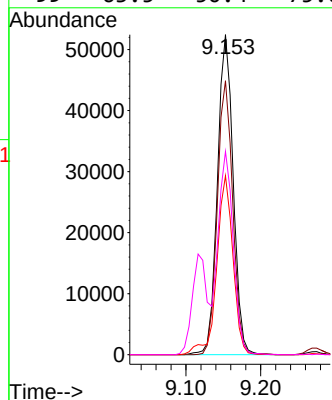
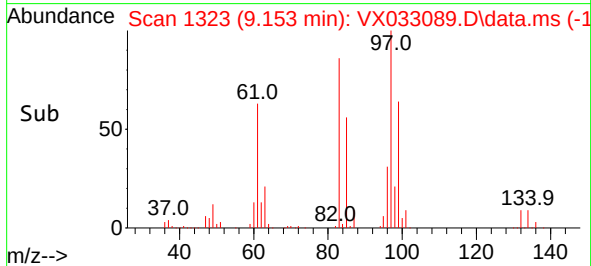
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



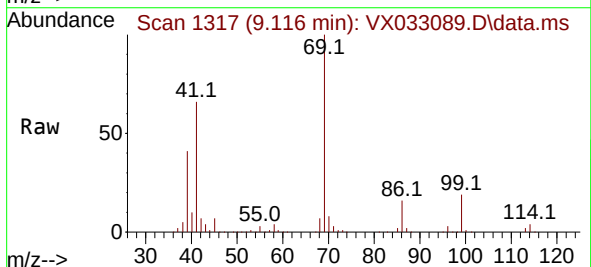
Tgt Ion:	97	Resp:	76820
Ion Ratio	100	Lower	Upper
97	100		
83	85.6	68.1	102.1
85	55.9	43.3	64.9
99	63.5	50.4	75.6

Manual Integrations
APPROVED

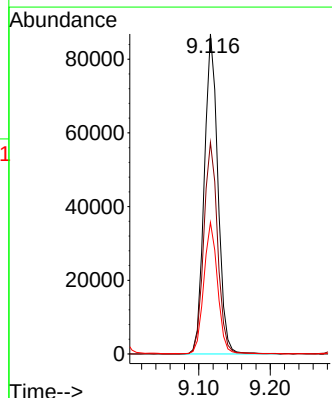
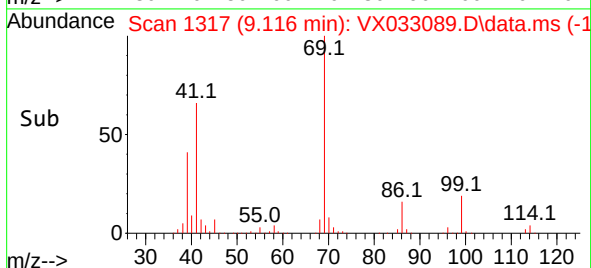
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

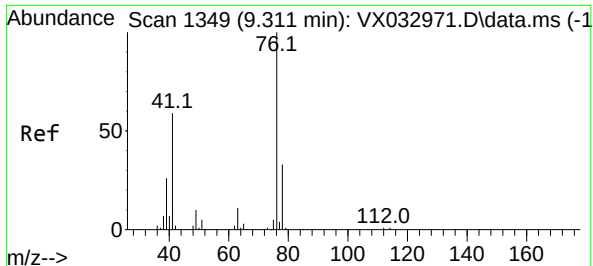


#56
Ethyl methacrylate
Concen: 59.835 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00



Tgt Ion:	69	Resp:	115134
Ion Ratio	100	Lower	Upper
69	100		
41	67.5	54.3	81.5
39	41.7	35.2	52.8





#57

1,3-Dichloropropane

Concen: 54.710 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033089.D

Acq: 28 Nov 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 12334

Ion Ratio Lower Upper

76 100

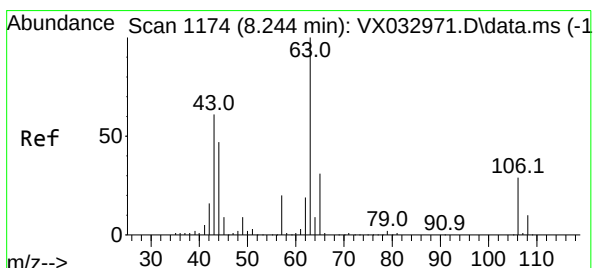
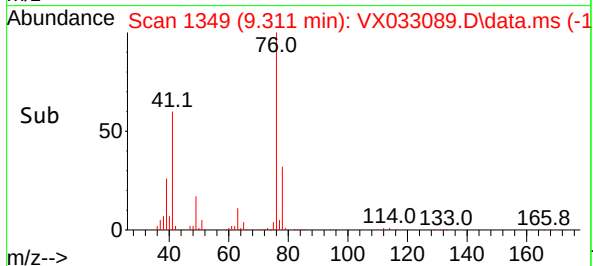
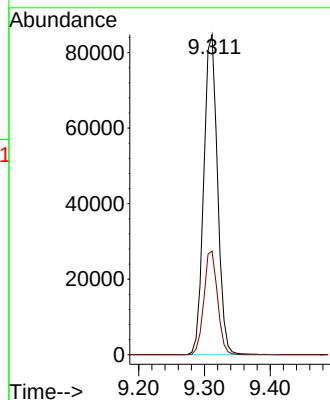
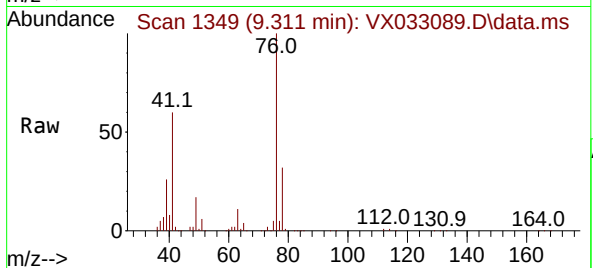
78 32.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#58

2-Chloroethyl Vinyl ether

Concen: 305.780 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.001 min

Lab File: VX033089.D

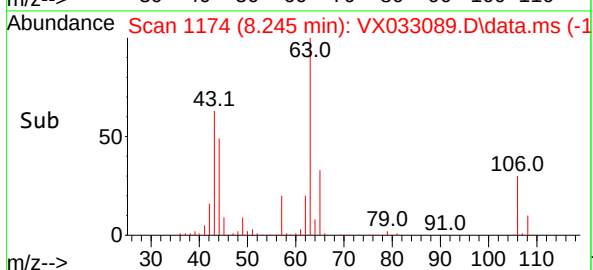
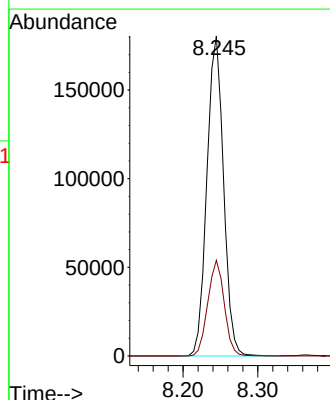
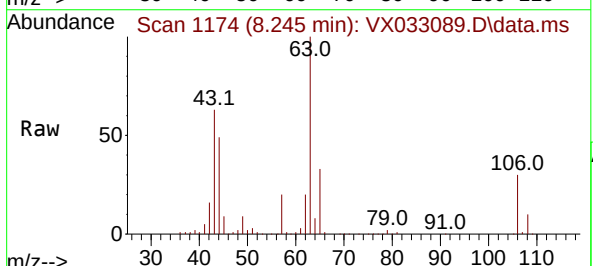
Acq: 28 Nov 2022 14:00

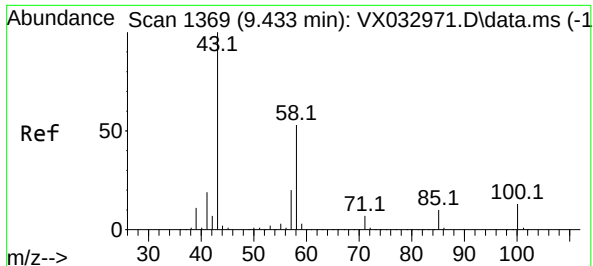
Tgt Ion: 63 Resp: 279400

Ion Ratio Lower Upper

63 100

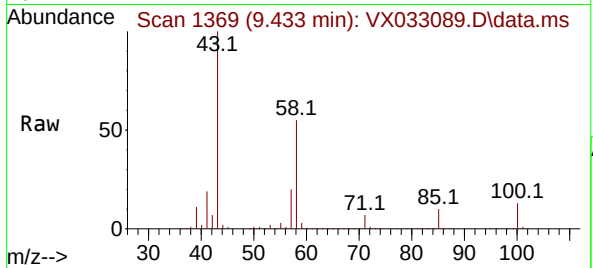
106 29.6 23.3 34.9





#59
2-Hexanone
Concen: 296.090 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

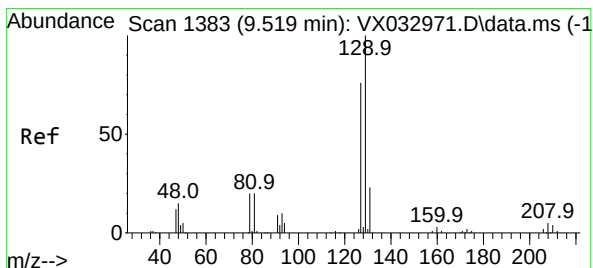
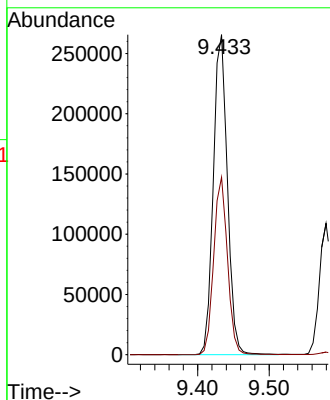
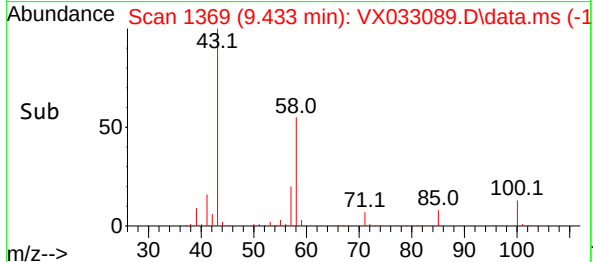
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 362139
Ion Ratio Lower Upper
43 100
58 54.4 26.5 79.5

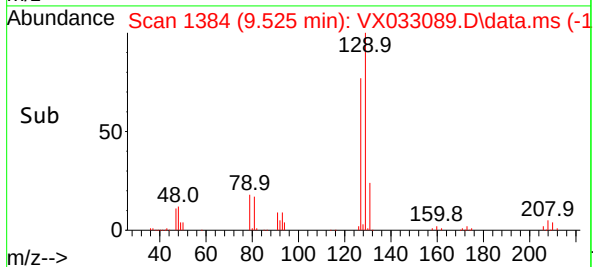
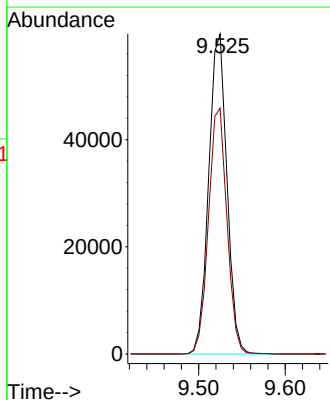
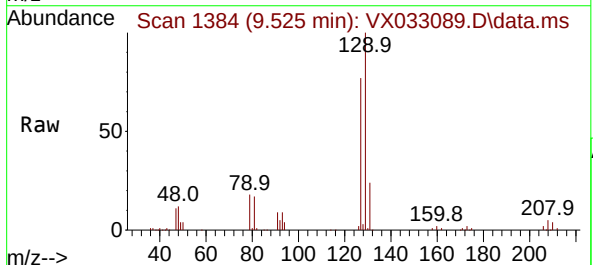
Manual Integrations
APPROVED

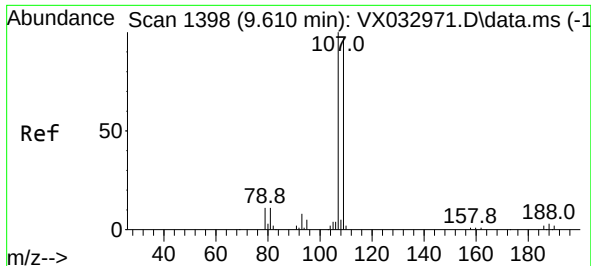
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#60
Dibromochloromethane
Concen: 58.078 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

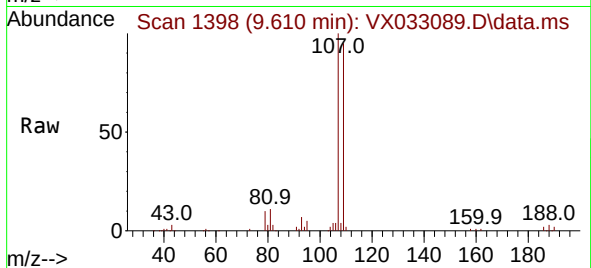
Tgt Ion:129 Resp: 87326
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61
1,2-Dibromoethane
Concen: 56.726 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

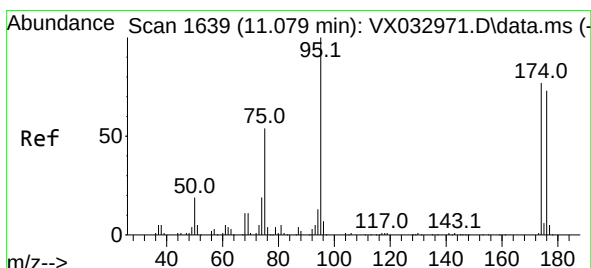
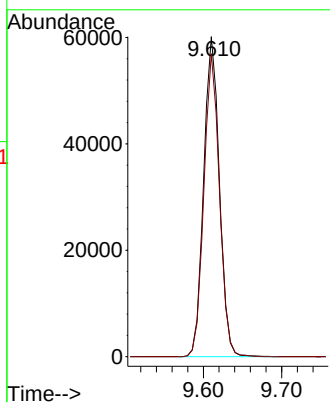
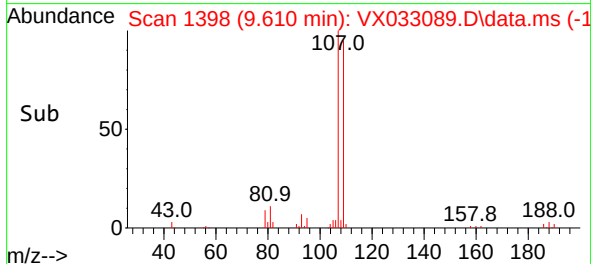
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



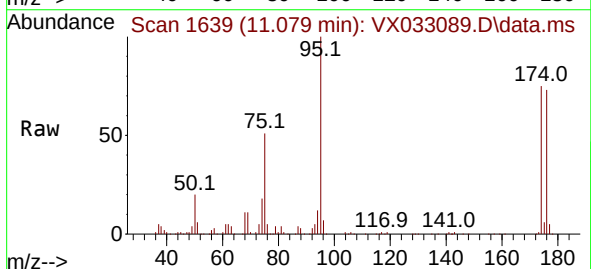
Tgt Ion:107 Resp: 83619
Ion Ratio Lower Upper
107 100
109 93.7 76.0 114.0

Manual Integrations
APPROVED

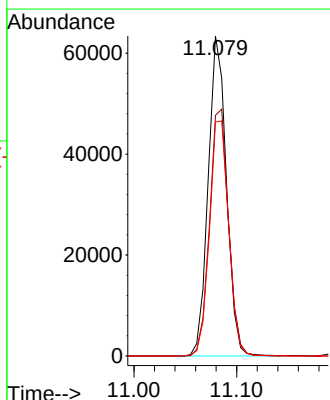
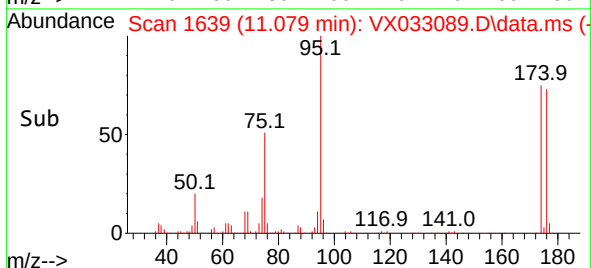
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

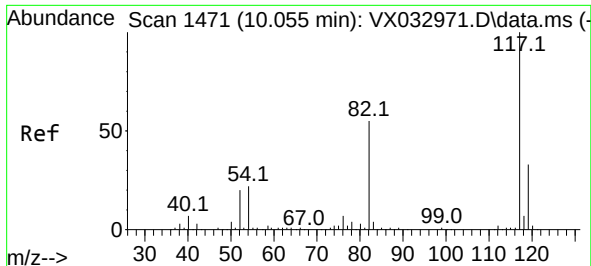


#62
4-Bromofluorobenzene
Concen: 51.029 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00



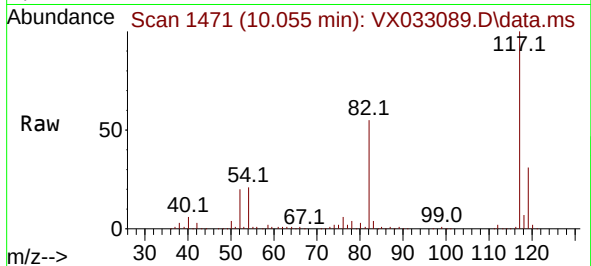
Tgt Ion: 95 Resp: 77958
Ion Ratio Lower Upper
95 100
174 80.5 0.0 164.0
176 77.7 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

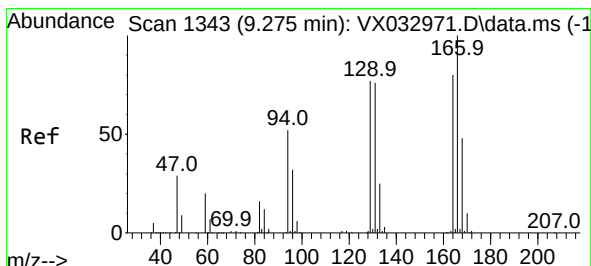
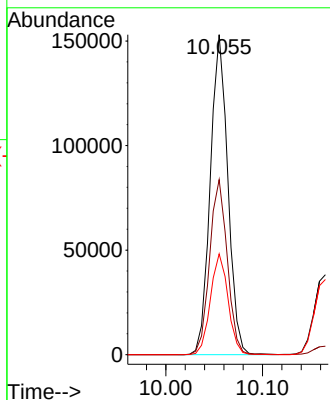
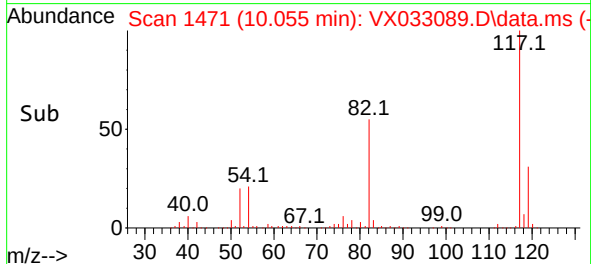
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 192790
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 31.5 25.7 38.5

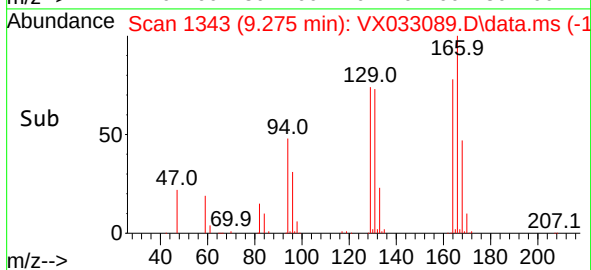
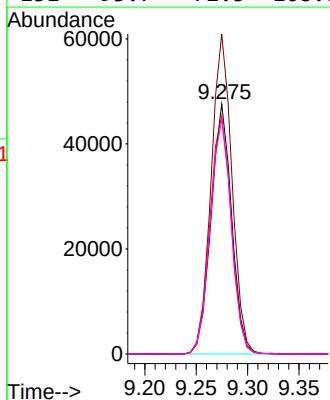
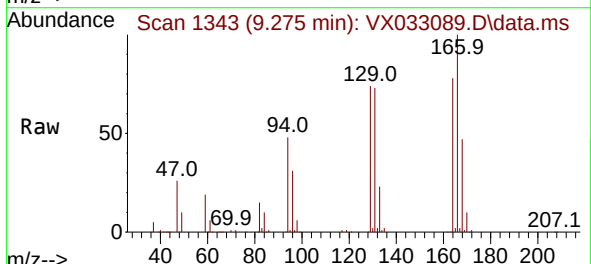
Manual Integrations
APPROVED

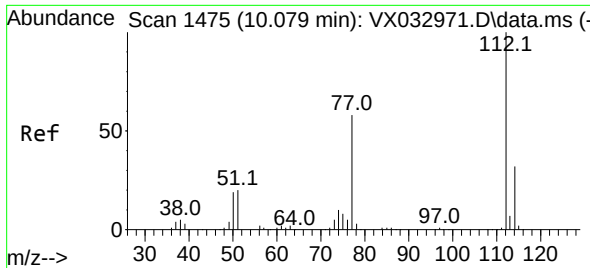
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#64
Tetrachloroethene
Concen: 48.470 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Tgt Ion:164 Resp: 66145
Ion Ratio Lower Upper
164 100
166 128.0 105.4 158.2
129 95.3 78.2 117.2
131 93.7 72.5 108.7





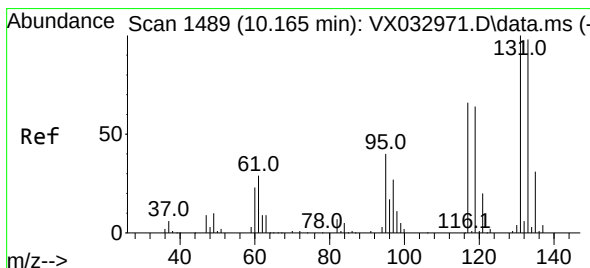
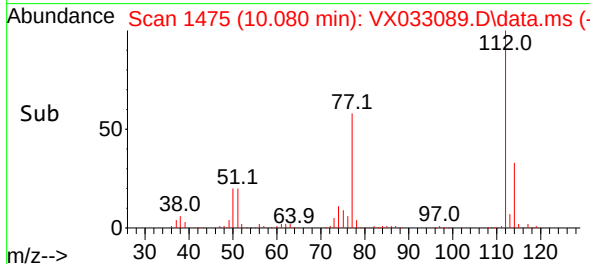
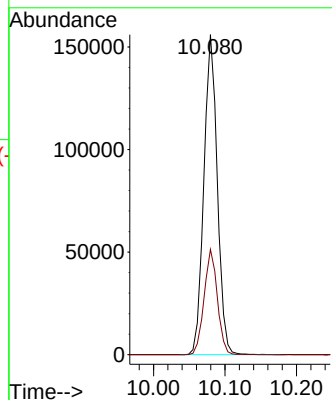
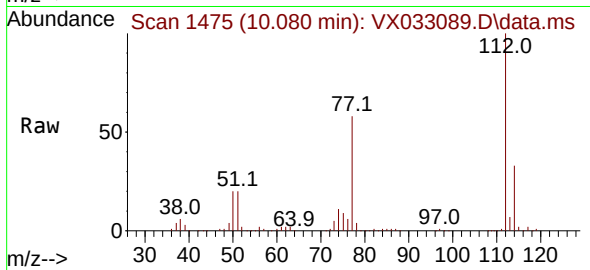
#65
Chlorobenzene
Concen: 52.929 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 20344
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2

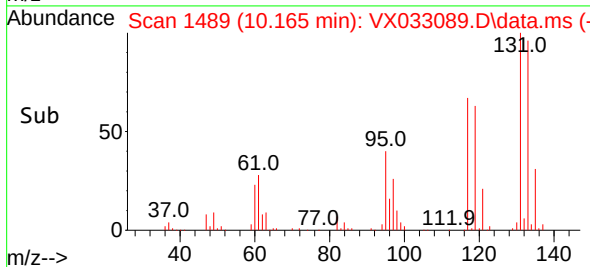
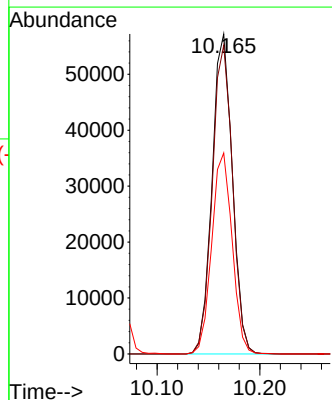
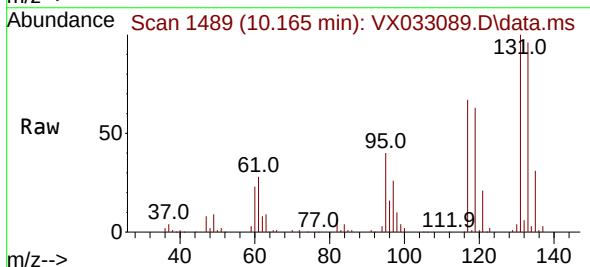
Manual Integrations
APPROVED

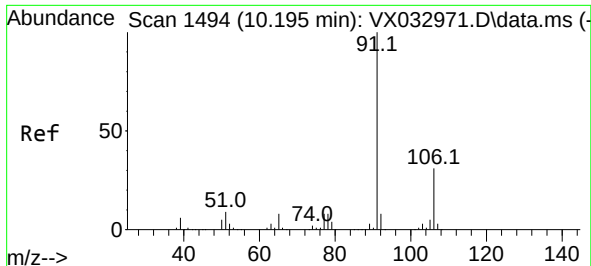
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 55.598 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Tgt Ion:131 Resp: 78303
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.9
119 63.3 32.4 97.0





#67

Ethyl Benzene

Concen: 53.869 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX033089.D

Acq: 28 Nov 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 367290

Ion Ratio Lower Upper

91 100

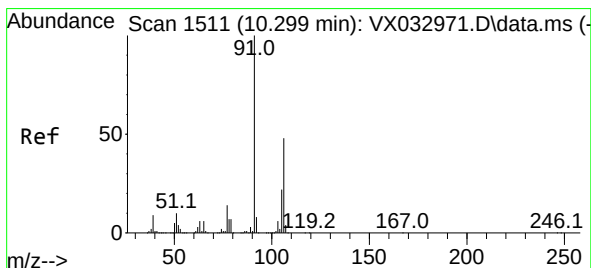
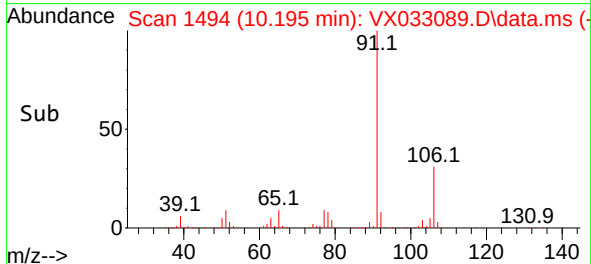
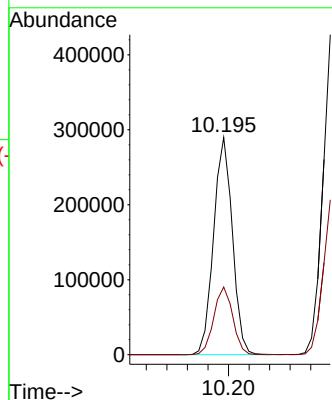
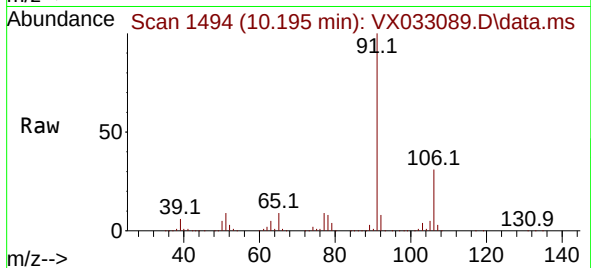
106 31.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#68

m/p-Xylenes

Concen: 107.856 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX033089.D

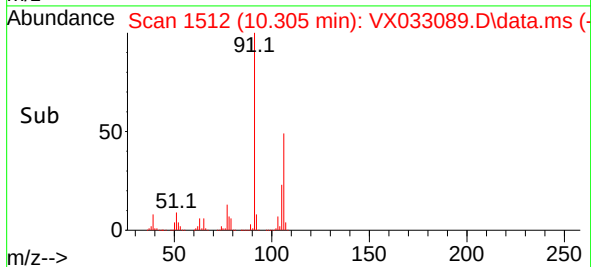
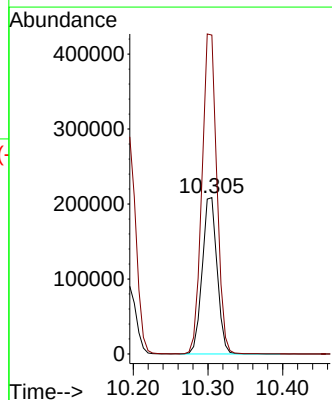
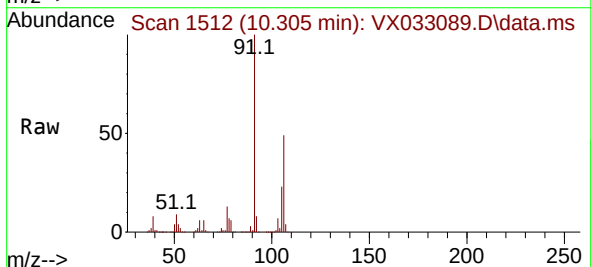
Acq: 28 Nov 2022 14:00

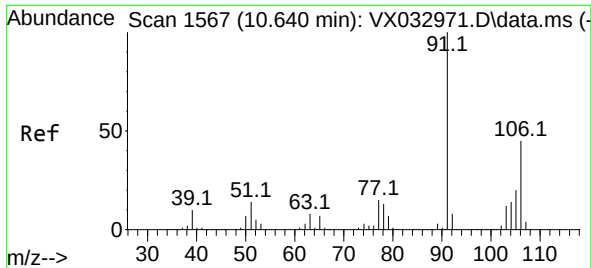
Tgt Ion:106 Resp: 287973

Ion Ratio Lower Upper

106 100

91 205.1 164.5 246.7





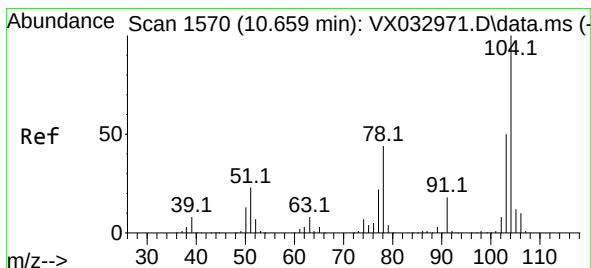
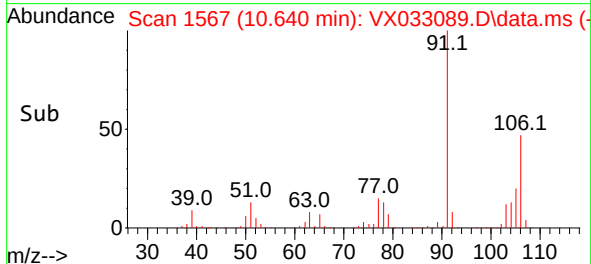
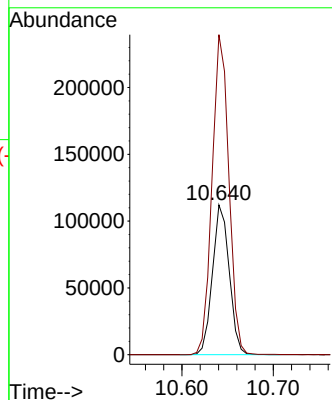
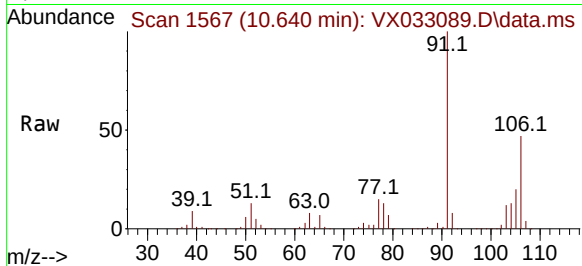
#69
o-Xylene
Concen: 55.144 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 142458
Ion Ratio Lower Upper
106 100
91 214.0 109.2 327.6

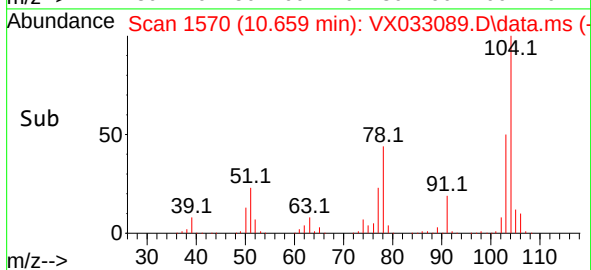
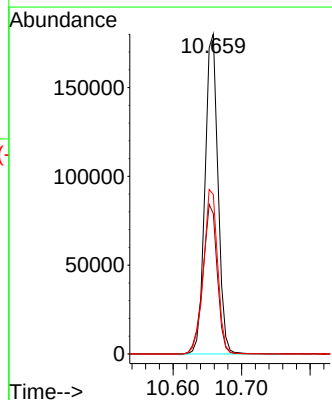
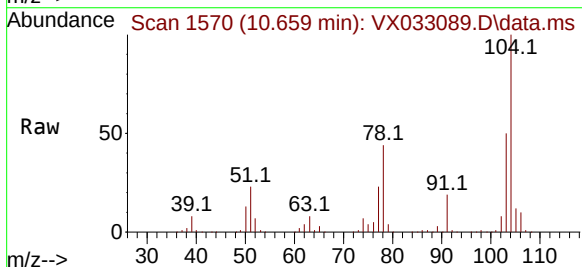
Manual Integrations
APPROVED

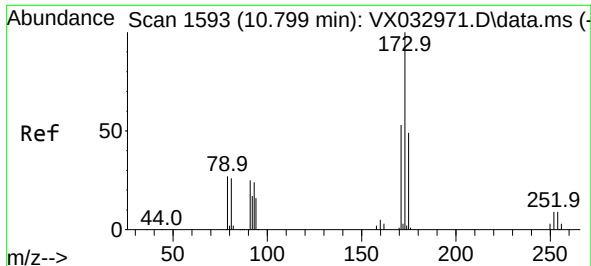
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#70
Styrene
Concen: 56.372 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

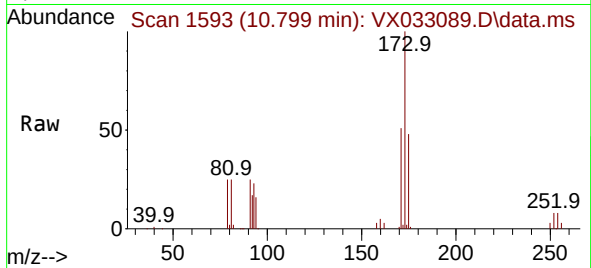
Tgt Ion:104 Resp: 238252
Ion Ratio Lower Upper
104 100
78 51.7 41.8 62.8
103 55.9 44.5 66.7





#71
Bromoform
Concen: 59.717 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

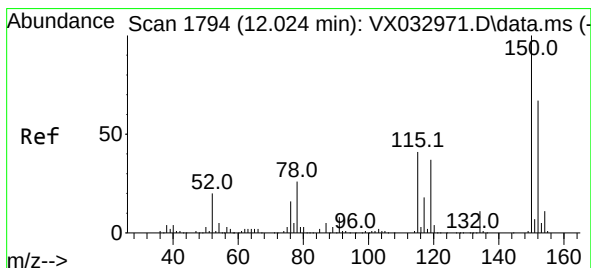
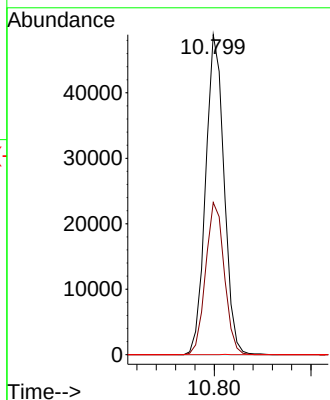
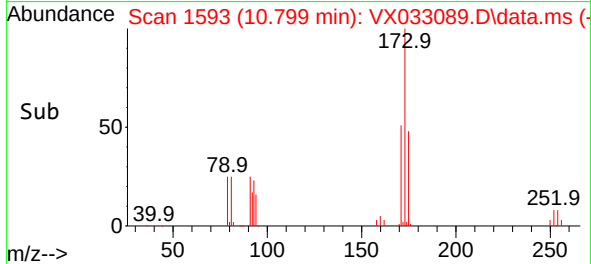
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 6448
Ion Ratio Lower Upper
173 100
175 48.2 23.9 71.8
254 0.0 0.0 0.0

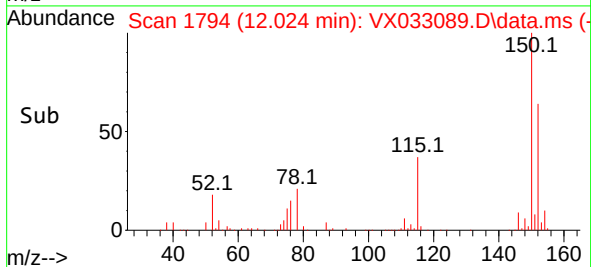
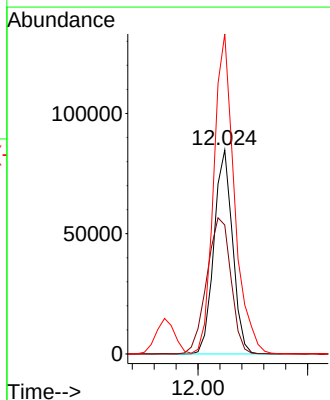
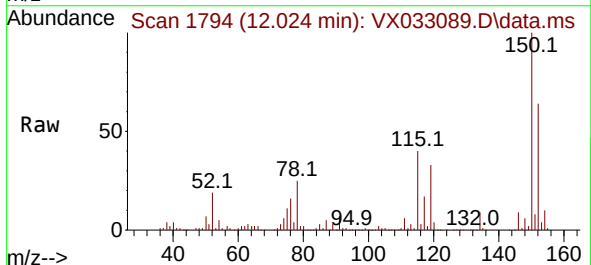
Manual Integrations
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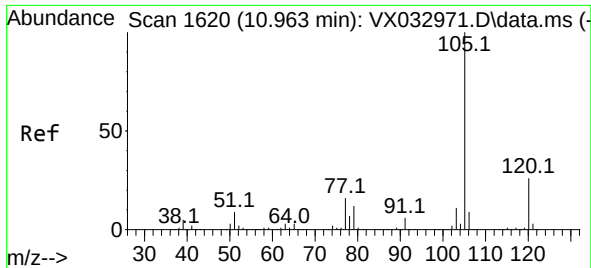
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Tgt Ion:152 Resp: 99931
Ion Ratio Lower Upper
152 100
115 86.9 44.0 132.0
150 174.4 0.0 351.8





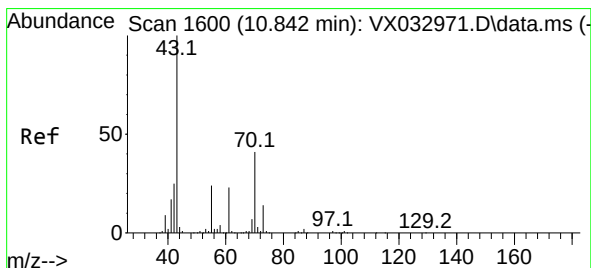
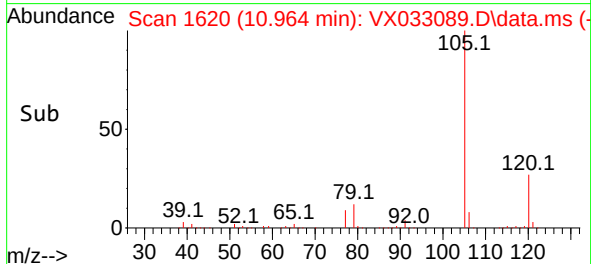
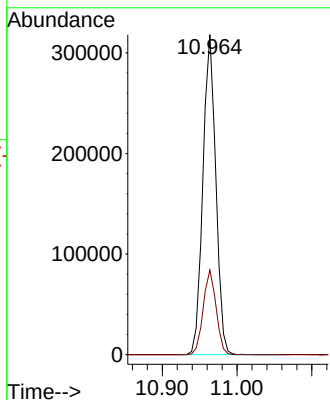
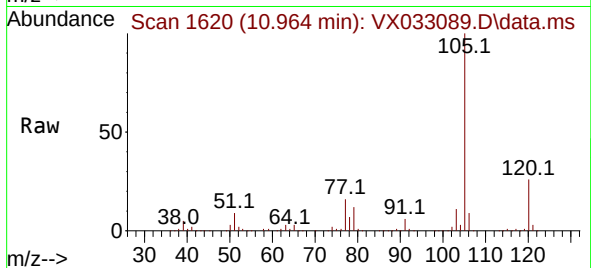
#73
Isopropylbenzene
Concen: 53.346 ug/l
RT: 10.964 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 38094
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

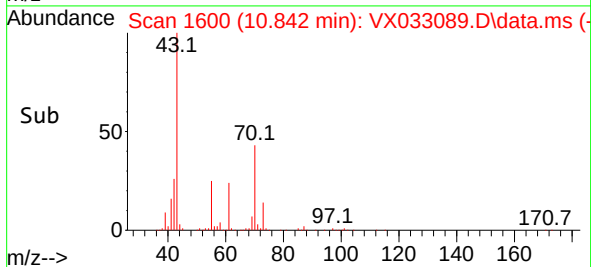
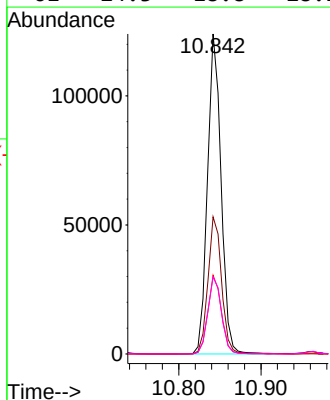
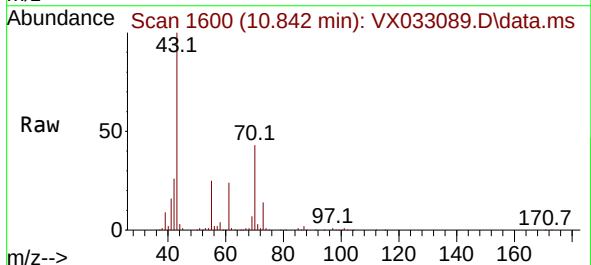
Manual Integrations
APPROVED

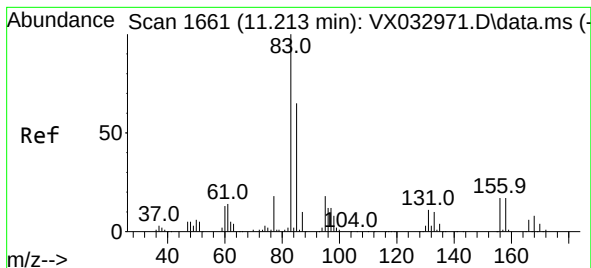
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#74
N-ethyl acetate
Concen: 58.497 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Tgt Ion: 43 Resp: 142101
Ion Ratio Lower Upper
43 100
70 42.9 33.6 50.4
55 24.6 19.4 29.2
61 24.3 18.8 28.2





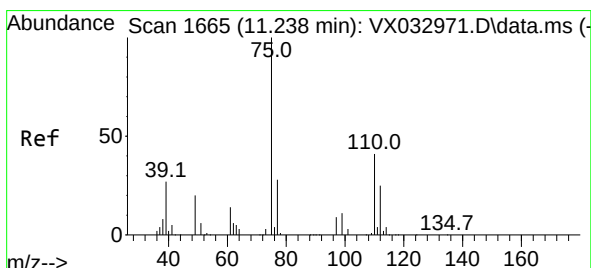
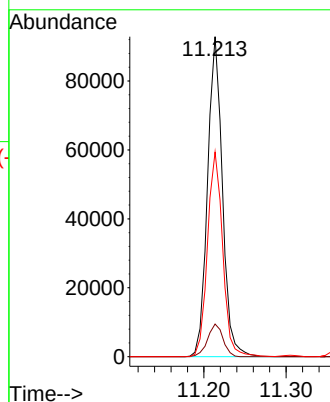
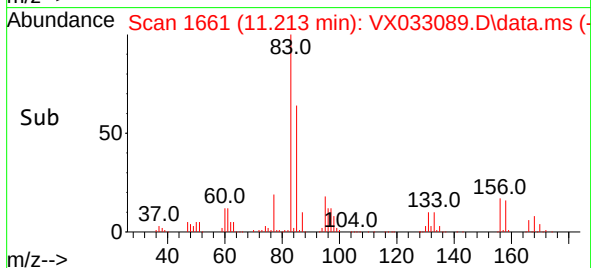
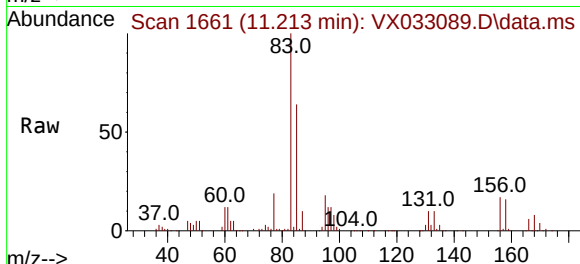
#75
1,1,2,2-Tetrachloroethane
Concen: 54.095 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 116590
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 65.2 31.9 95.9

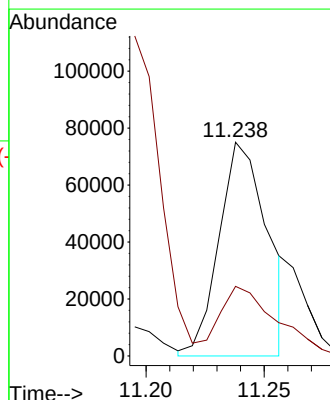
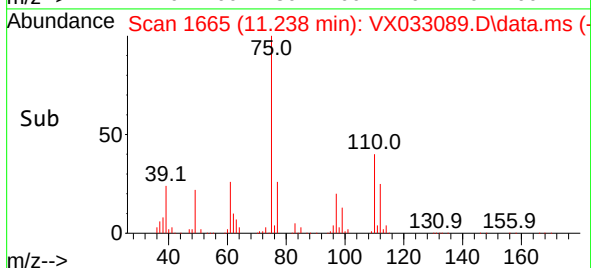
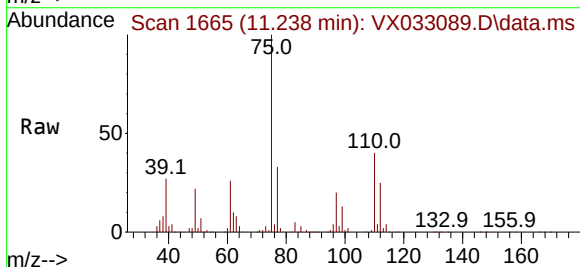
Manual Integrations
APPROVED

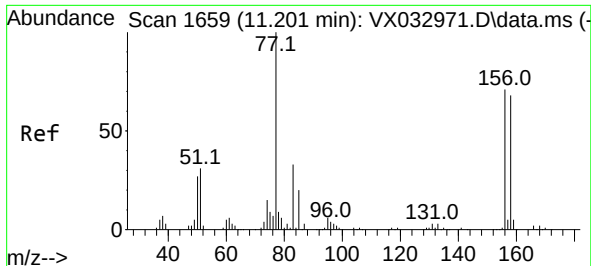
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#76
1,2,3-Trichloropropane
Concen: 56.263 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

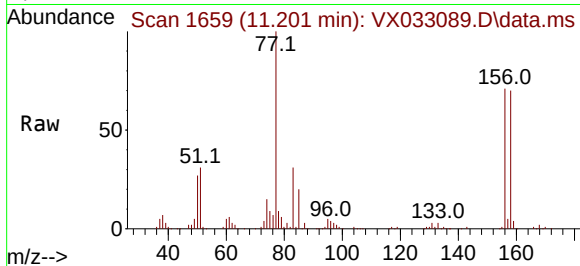
Tgt Ion: 75 Resp: 106479
Ion Ratio Lower Upper
75 100
77 39.1 20.0 60.0





#77
Bromobenzene
Concen: 52.458 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

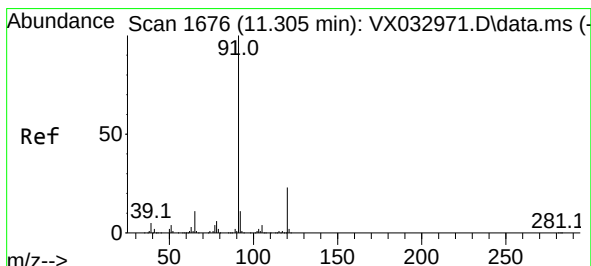
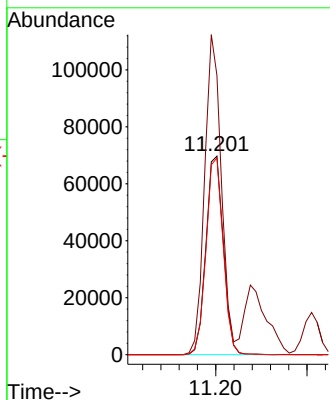
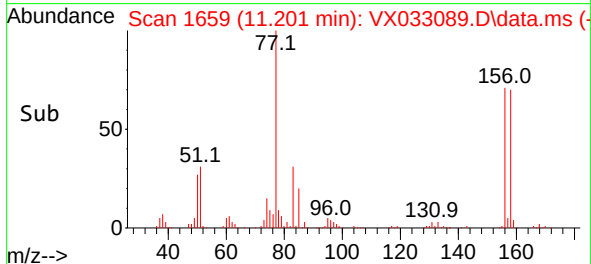
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



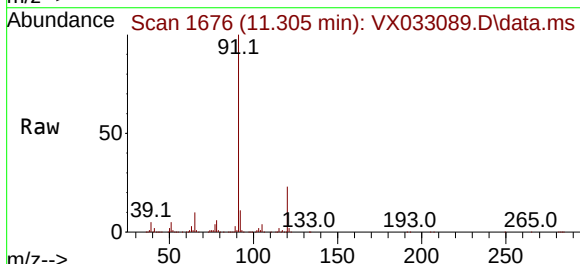
Tgt Ion:156 Resp: 92127
Ion Ratio Lower Upper
156 100
77 153.9 76.1 228.4
158 97.7 48.8 146.3

Manual Integrations
APPROVED

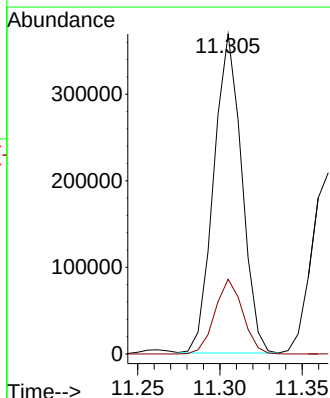
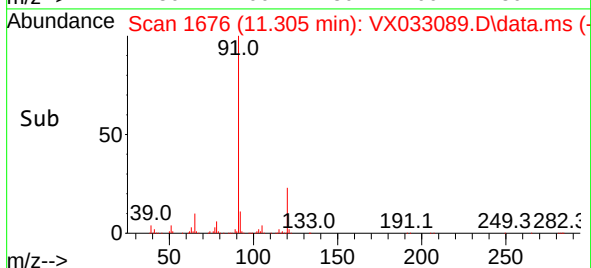
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

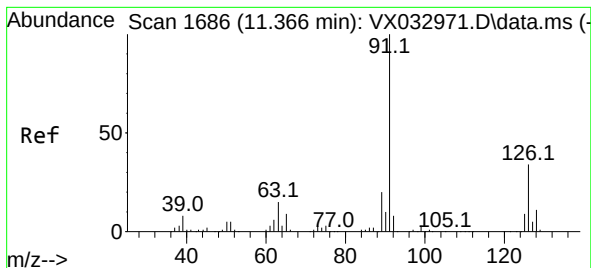


#78
n-propylbenzene
Concen: 53.453 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00



Tgt Ion: 91 Resp: 436425
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8





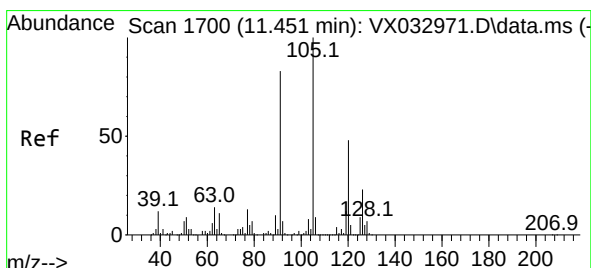
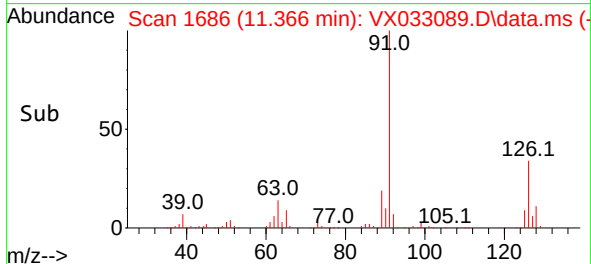
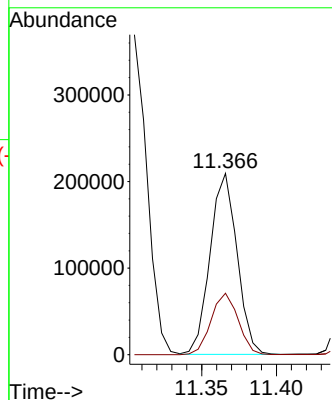
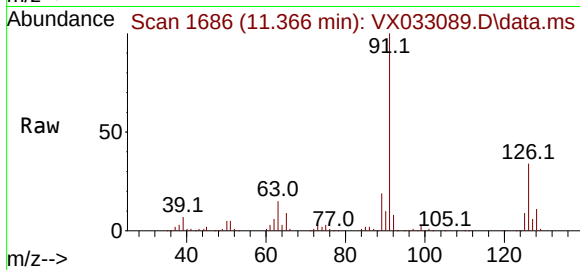
#79
2-Chlorotoluene
Concen: 52.821 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 261928
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2

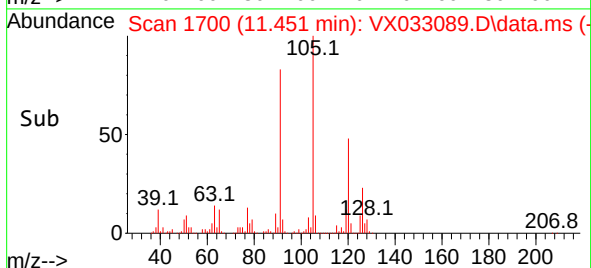
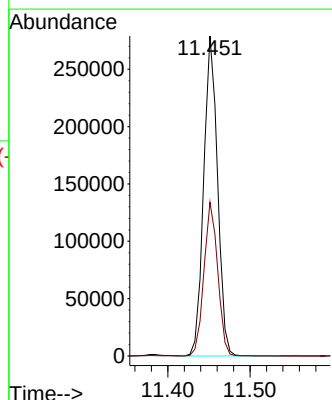
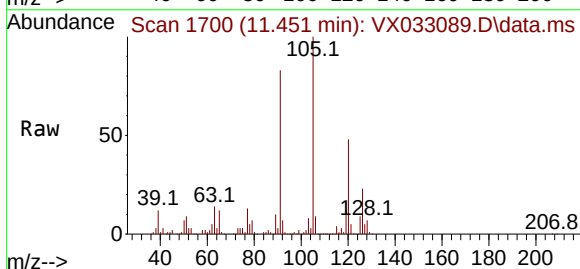
Manual Integrations
APPROVED

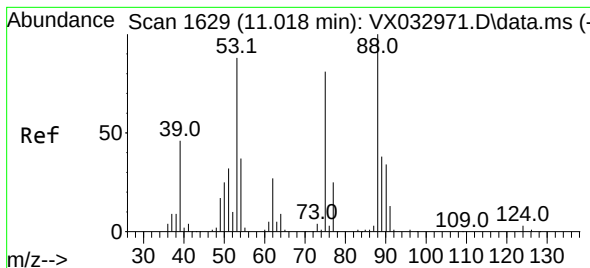
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.489 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Tgt Ion:105 Resp: 326876
Ion Ratio Lower Upper
105 100
120 47.8 23.6 71.0





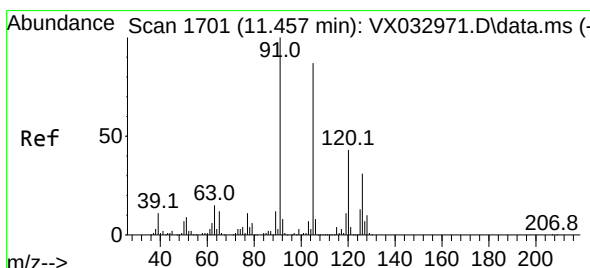
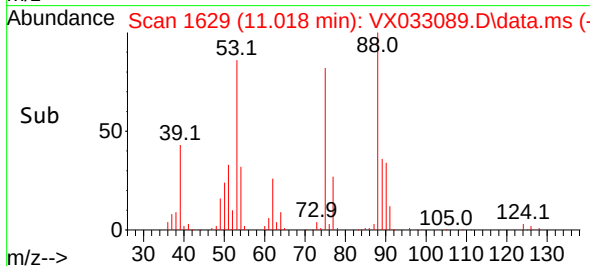
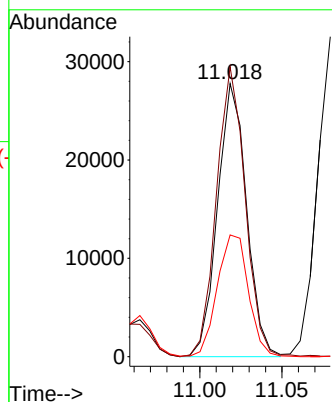
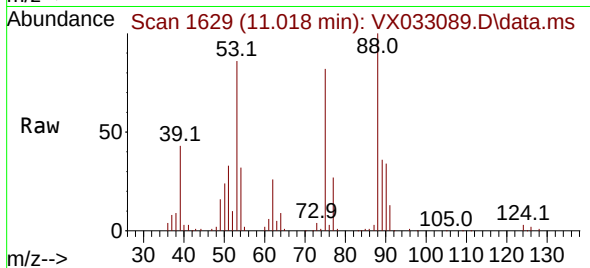
#81
trans-1,4-Dichloro-2-butene
Concen: 58.547 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 34088
Ion Ratio Lower Upper
75 100
53 105.1 86.9 130.3
89 47.9 38.3 57.5

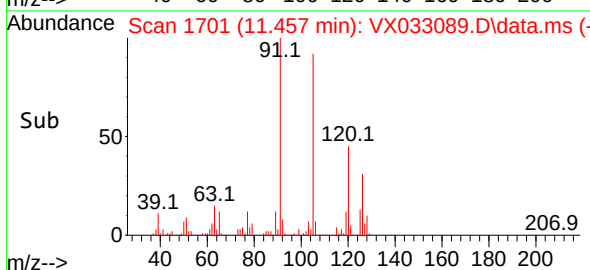
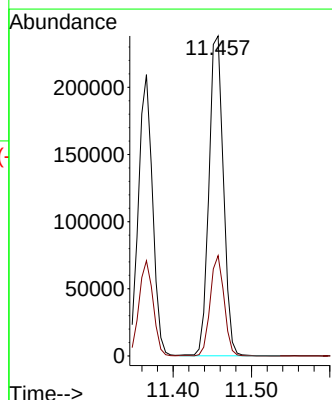
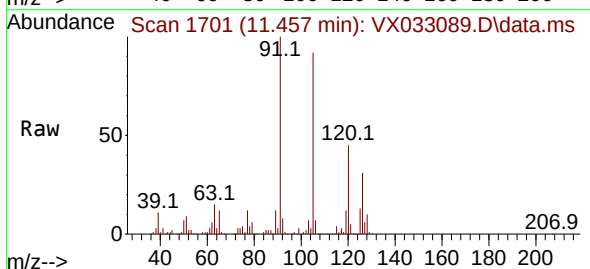
Manual Integrations
APPROVED

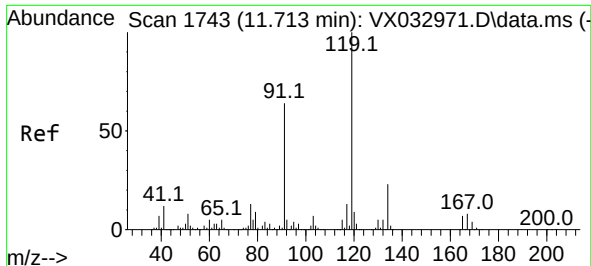
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#82
4-Chlorotoluene
Concen: 52.407 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

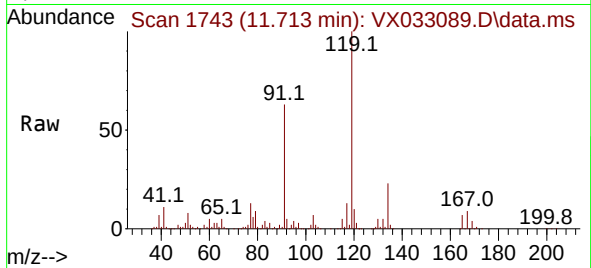
Tgt Ion: 91 Resp: 304535
Ion Ratio Lower Upper
91 100
126 30.1 14.8 44.4





#83
tert-Butylbenzene
Concen: 54.542 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

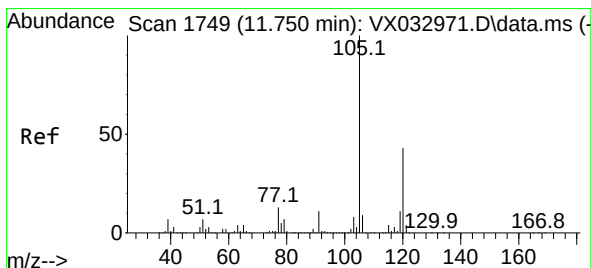
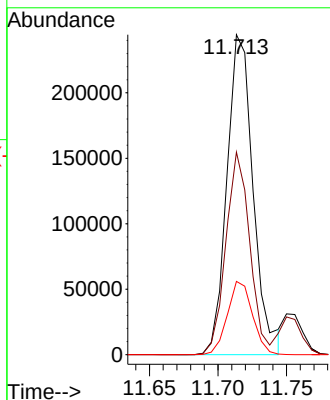
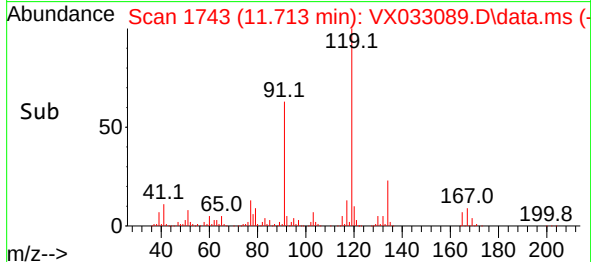
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 325690
Ion Ratio Lower Upper
119 100
91 57.8 29.4 88.2
134 21.9 11.0 33.0

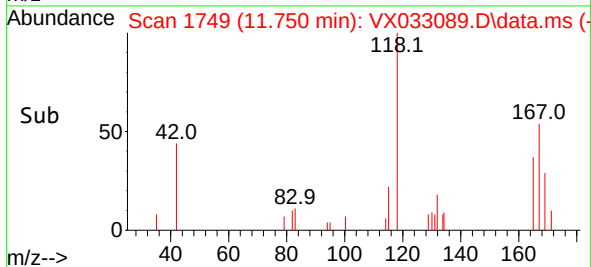
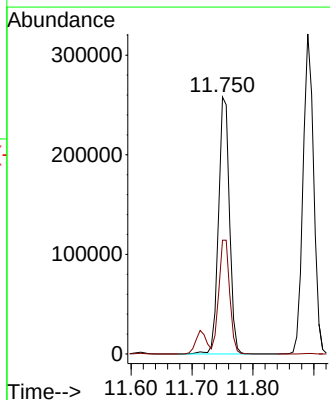
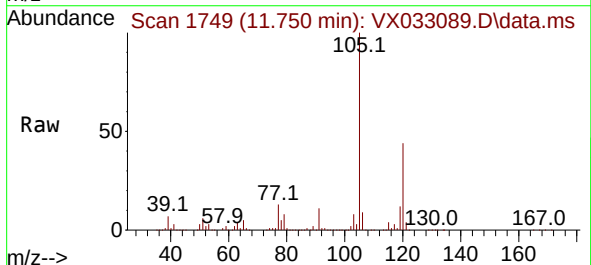
Manual Integrations
APPROVED

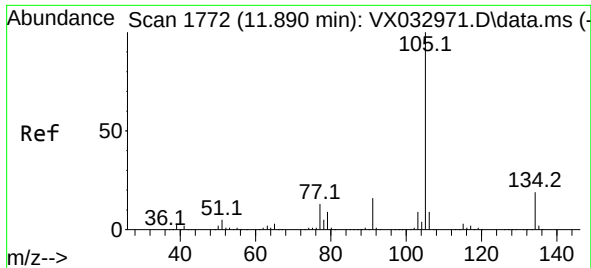
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#84
1,2,4-Trimethylbenzene
Concen: 53.775 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Tgt Ion:105 Resp: 321664
Ion Ratio Lower Upper
105 100
120 44.1 21.9 65.5





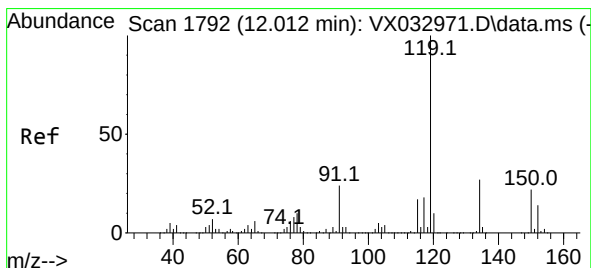
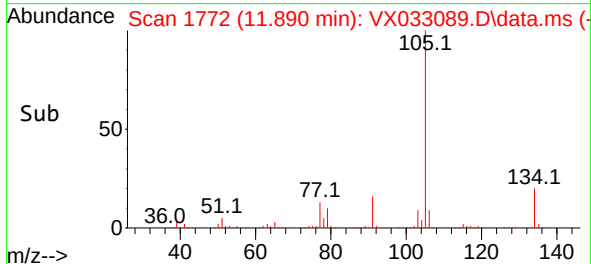
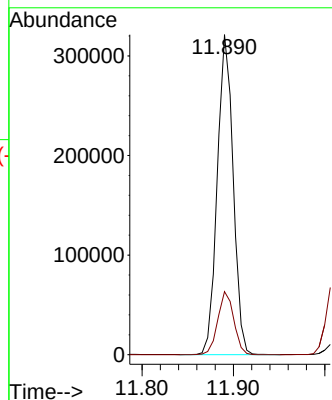
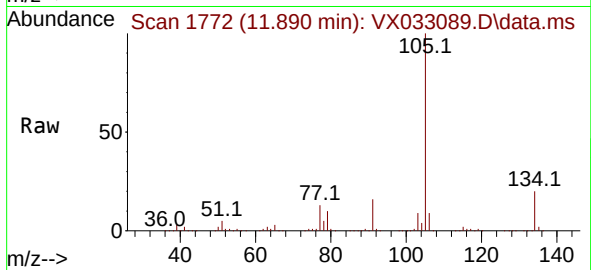
#85
 sec-Butylbenzene
 Concen: 54.204 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033089.D
 Acq: 28 Nov 2022 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 38723
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7

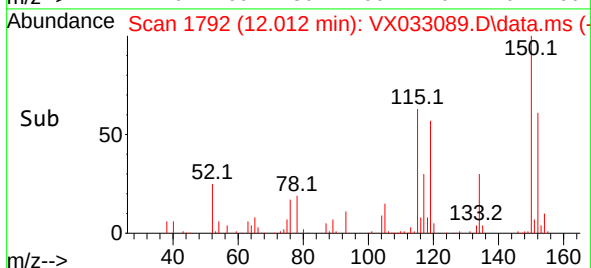
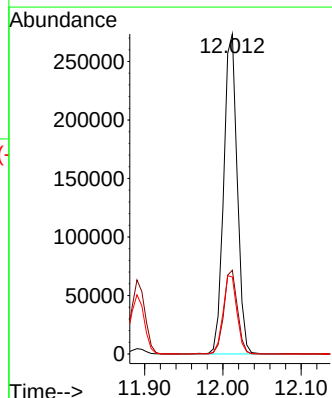
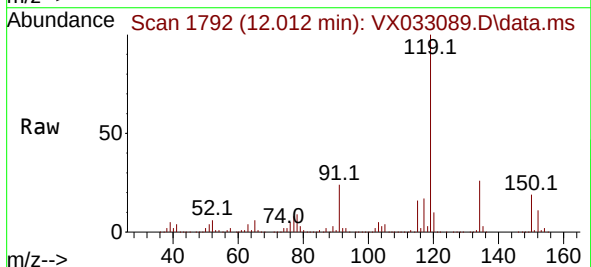
Manual Integrations
 APPROVED

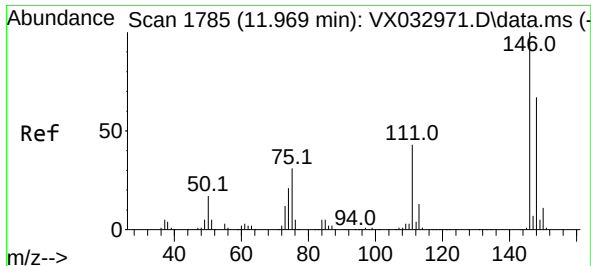
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022



#86
 p-Isopropyltoluene
 Concen: 54.422 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033089.D
 Acq: 28 Nov 2022 14:00

Tgt Ion:119 Resp: 329403
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 25.0 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 52.814 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033089.D

Acq: 28 Nov 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 173970

Ion Ratio Lower Upper

146 100

111 40.5 20.6 61.8

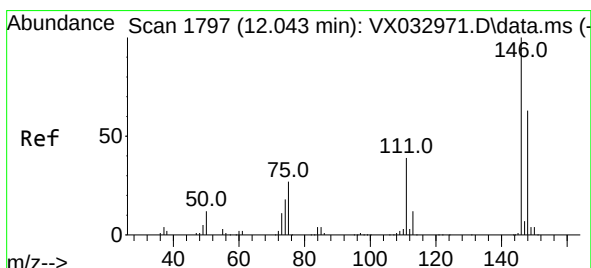
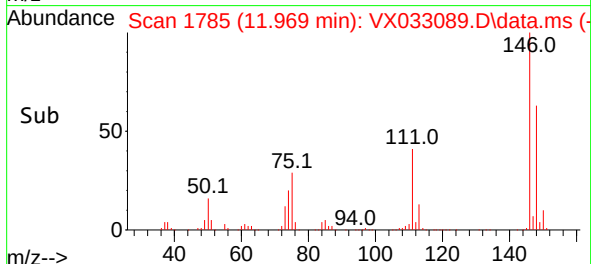
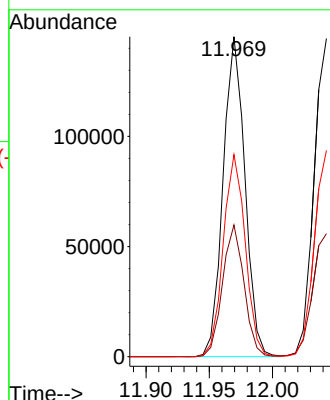
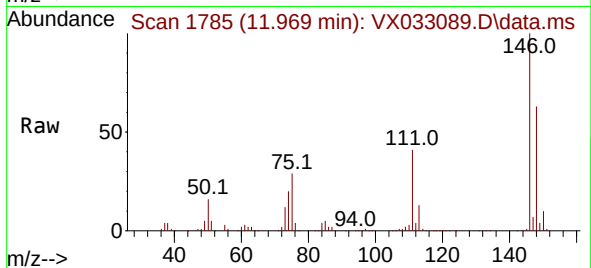
148 63.7 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#88

1,4-Dichlorobenzene

Concen: 52.058 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX033089.D

Acq: 28 Nov 2022 14:00

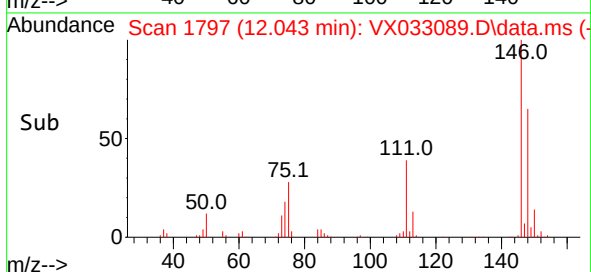
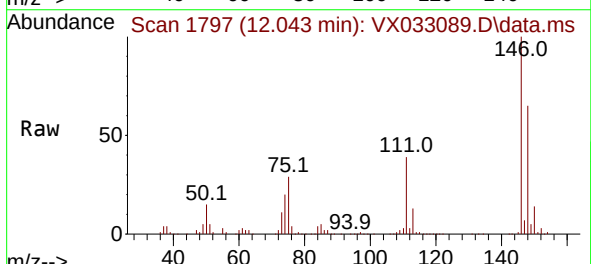
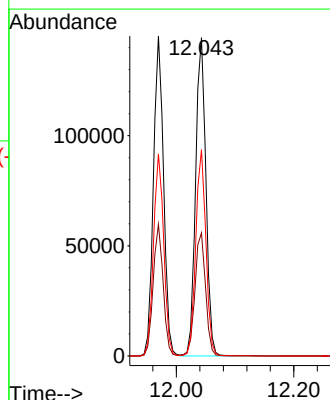
Tgt Ion:146 Resp: 175620

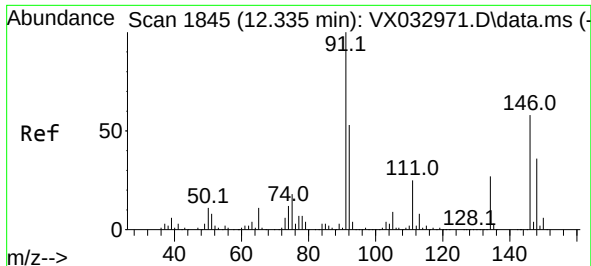
Ion Ratio Lower Upper

146 100

111 40.0 20.5 61.6

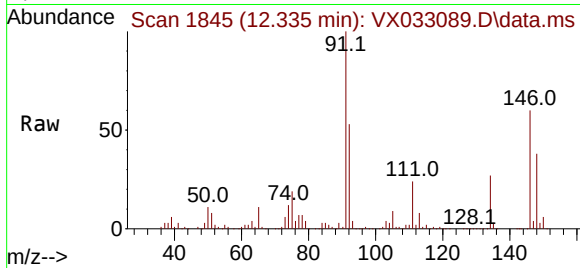
148 64.0 32.2 96.6





#89
n-Butylbenzene
Concen: 53.553 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

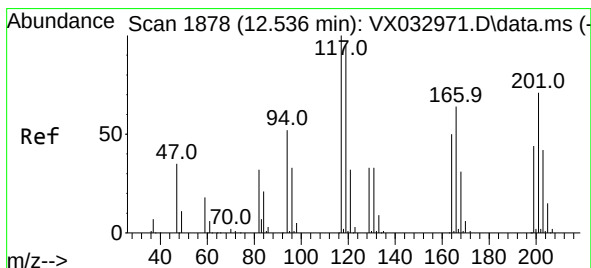
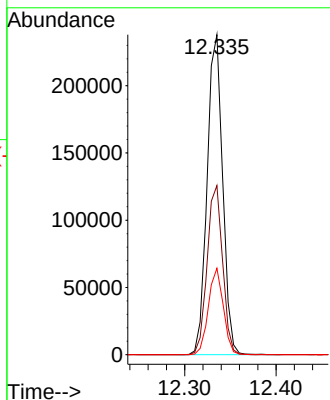
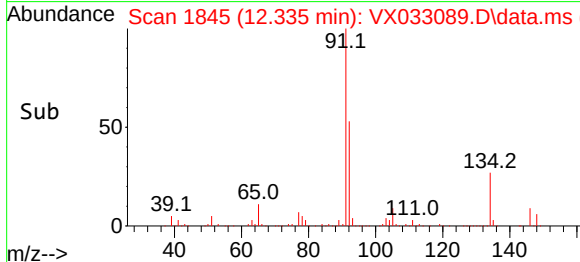
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



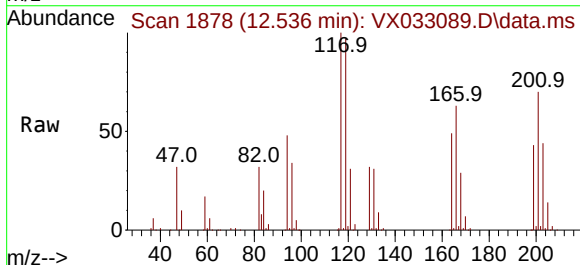
Tgt Ion: 91 Resp: 27924
Ion Ratio Lower Upper
91 100
92 52.8 26.2 78.6
134 26.0 12.9 38.6

Manual Integrations
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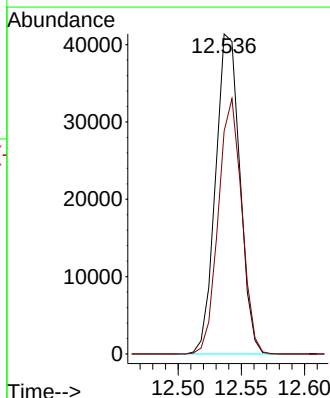
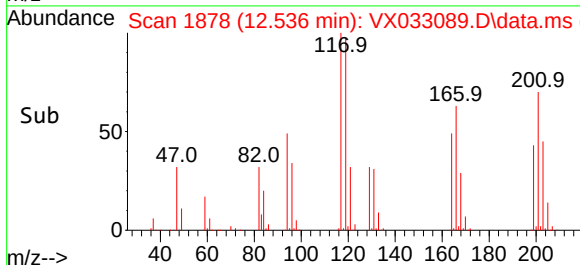
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

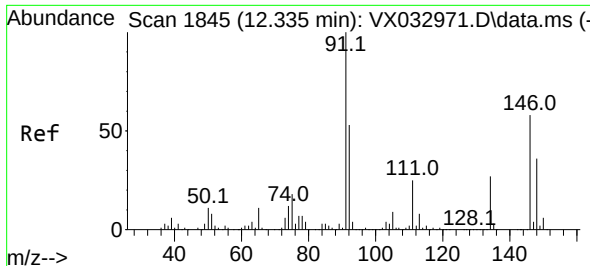


#90
Hexachloroethane
Concen: 55.575 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00



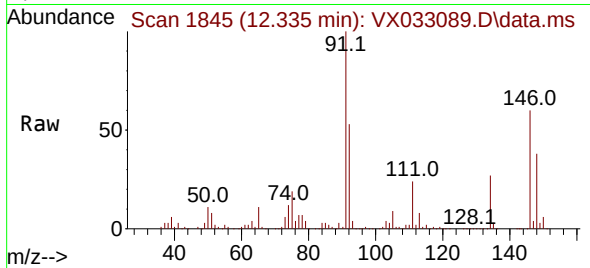
Tgt Ion:117 Resp: 55265
Ion Ratio Lower Upper
117 100
201 76.9 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 53.123 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

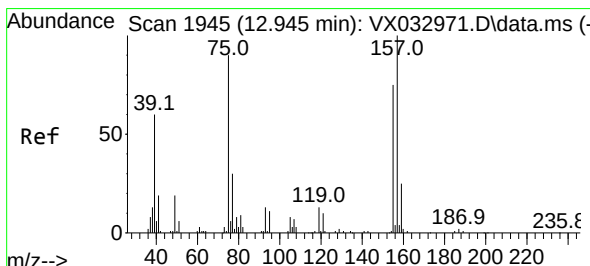
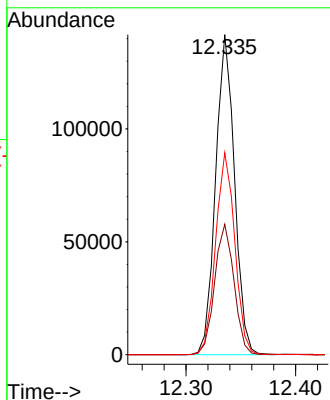
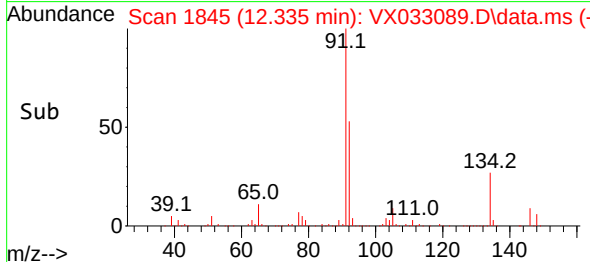
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



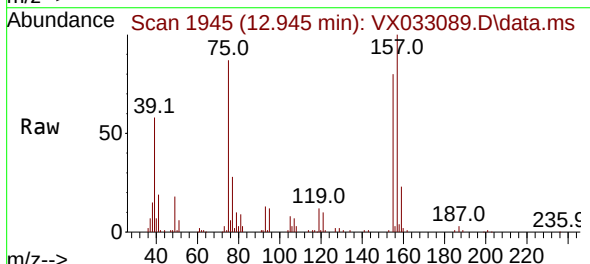
Tgt Ion:146 Resp: 170225
Ion Ratio Lower Upper
146 100
111 41.8 21.5 64.5
148 64.1 32.0 96.2

Manual Integrations
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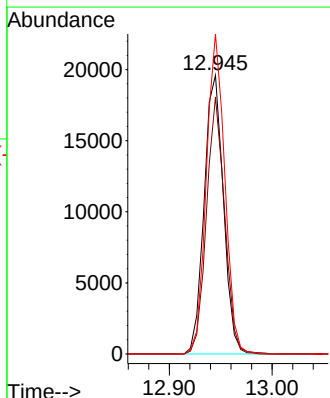
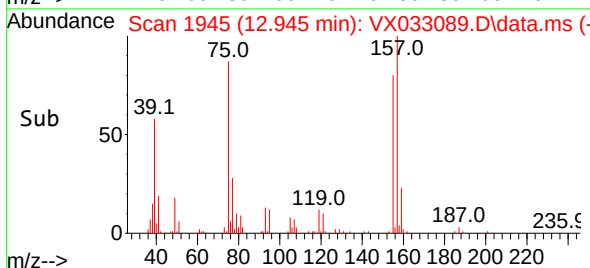
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

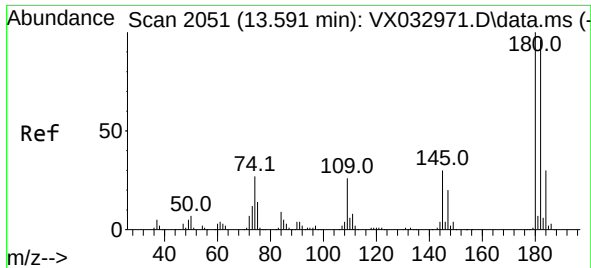


#92
1,2-Dibromo-3-Chloropropane
Concen: 59.536 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00



Tgt Ion: 75 Resp: 25602
Ion Ratio Lower Upper
75 100
155 86.3 41.6 124.8
157 109.9 54.1 162.4





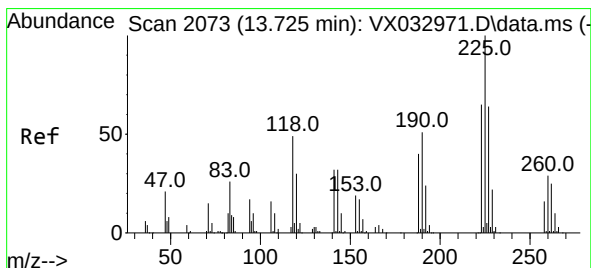
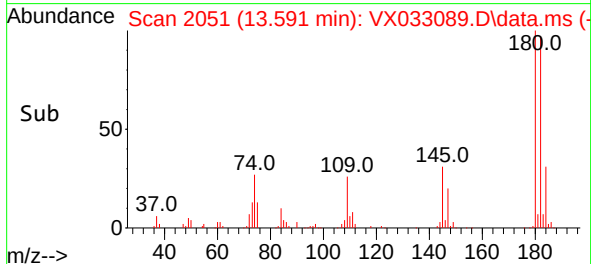
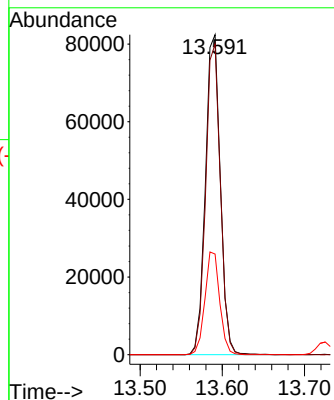
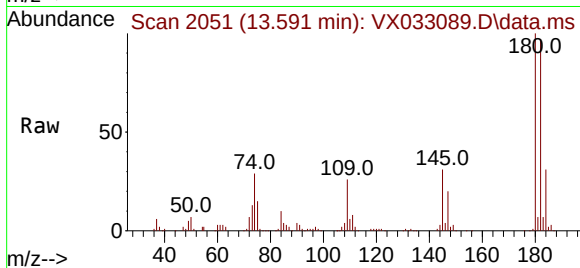
#93
1,2,4-Trichlorobenzene
Concen: 52.571 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 103839
Ion Ratio Lower Upper
180 100
182 95.6 48.4 145.0
145 31.9 16.2 48.5

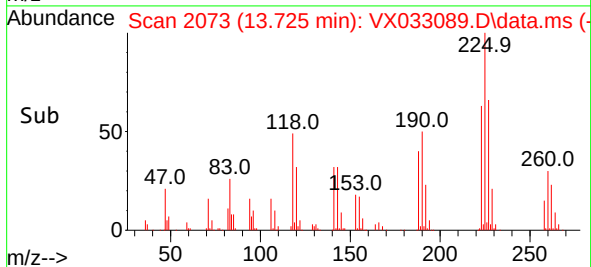
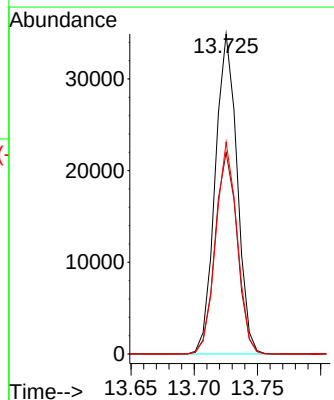
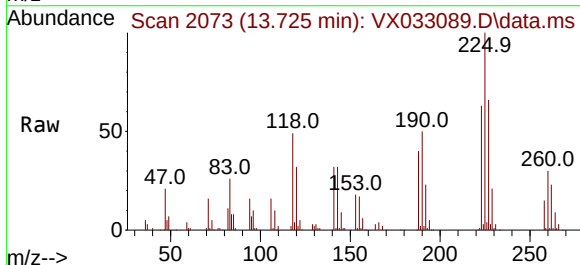
Manual Integrations
APPROVED

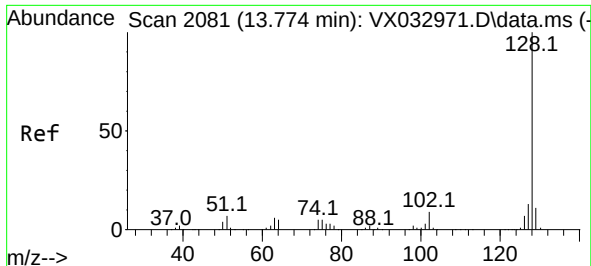
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#94
Hexachlorobutadiene
Concen: 48.138 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

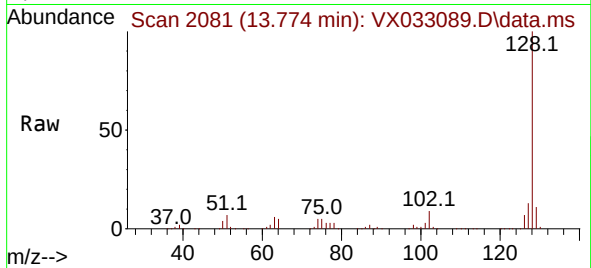
Tgt Ion:225 Resp: 41949
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.9
227 64.5 31.9 95.5





#95
Naphthalene
Concen: 56.125 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00

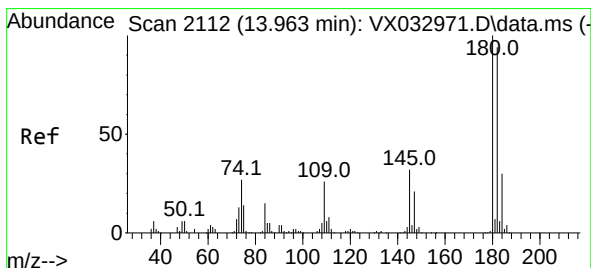
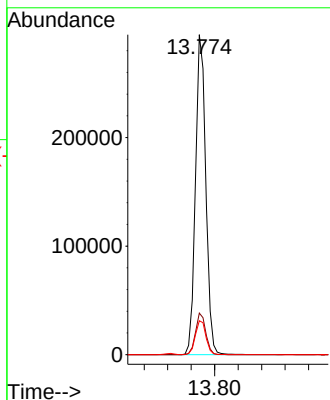
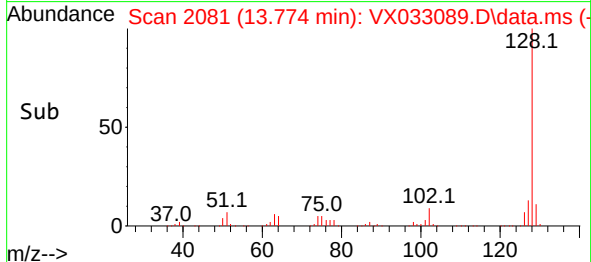
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



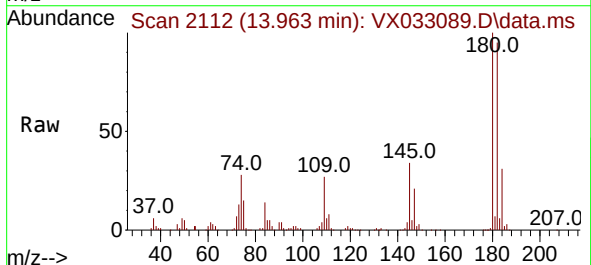
Tgt Ion:128 Resp: 358640
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#96
1,2,3-Trichlorobenzene
Concen: 53.636 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033089.D
Acq: 28 Nov 2022 14:00



Tgt Ion:180 Resp: 106243
Ion Ratio Lower Upper
180 100
182 94.7 47.5 142.6
145 34.0 16.9 50.6

