

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010623\
 Data File : VX033619.D
 Acq On : 06 Jan 2023 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/09/2023
 Supervised By : Mahesh Dadoda 01/09/2023

Quant Time: Jan 07 04:15:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	186426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	269531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	133004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104552	49.680	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.360%		
35) Dibromofluoromethane	5.379	113	88572	49.996	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.000%		
50) Toluene-d8	8.647	98	315975	49.900	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.800%		
62) 4-Bromofluorobenzene	11.079	95	123877	55.192	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	74485	48.447	ug/l	96
3) Chloromethane	1.294	50	87227	46.098	ug/l	99
4) Vinyl Chloride	1.374	62	82746	49.302	ug/l	97
5) Bromomethane	1.618	94	44982	47.929	ug/l	95
6) Chloroethane	1.691	64	45560	47.110	ug/l	99
7) Trichlorofluoromethane	1.886	101	118676	49.982	ug/l	97
8) Diethyl Ether	2.130	74	42232	56.554	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	78426	66.841	ug/l	97
10) Methyl Iodide	2.453	142	120287	55.526	ug/l	99
11) Tert butyl alcohol	3.038	59	81115m	234.627	ug/l	
12) 1,1-Dichloroethene	2.319	96	74717	68.300	ug/l	92
13) Acrolein	2.239	56	78084	379.044	ug/l	99
14) Allyl chloride	2.666	41	142767	49.087	ug/l	98
15) Acrylonitrile	3.068	53	230566	246.562	ug/l	99
16) Acetone	2.398	43	213529	300.867	ug/l	97
17) Carbon Disulfide	2.514	76	187365	46.755	ug/l	99
18) Methyl Acetate	2.709	43	144620	49.578	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	280861	51.311	ug/l	99
20) Methylene Chloride	2.788	84	87484	49.322	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	81784	47.545	ug/l	99
22) Diisopropyl ether	3.757	45	291984	49.826	ug/l	98
23) Vinyl Acetate	3.721	43	1159123	257.588	ug/l	100
24) 1,1-Dichloroethane	3.605	63	152379	48.059	ug/l	99
25) 2-Butanone	4.568	43	327815	238.566	ug/l	99
26) 2,2-Dichloropropane	4.477	77	113659	51.852	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	99219	49.731	ug/l	97
28) Bromochloromethane	4.897	49	61259	47.563	ug/l	97
29) Tetrahydrofuran	5.013	42	207765	238.390	ug/l	99
30) Chloroform	5.086	83	156667	48.368	ug/l	100
31) Cyclohexane	5.471	56	136270	46.514	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	134565	48.047	ug/l	99
36) 1,1-Dichloropropene	5.690	75	114295	47.628	ug/l	99
37) Ethyl Acetate	4.715	43	129043	48.479	ug/l	98
38) Carbon Tetrachloride	5.672	117	121614	47.887	ug/l	97
39) Methylcyclohexane	7.379	83	142981	47.719	ug/l	99
40) Benzene	6.037	78	337297	48.090	ug/l	100

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Manual Integrations
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Reviewed By : John Carlone 01/09/2023
 Supervised By : Mahesh Dadoda 01/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	74469	51.075	ug/l	99
42) 1,2-Dichloroethane	6.086	62	125926	48.165	ug/l	99
43) Isopropyl Acetate	6.336	43	207240	50.510	ug/l	99
44) Trichloroethene	7.123	130	95437	47.683	ug/l	97
45) 1,2-Dichloropropane	7.427	63	89246	49.395	ug/l	98
46) Dibromomethane	7.580	93	62916	49.738	ug/l	98
47) Bromodichloromethane	7.818	83	122899	50.150	ug/l	97
48) Methyl methacrylate	7.690	41	105448	50.773	ug/l	99
49) 1,4-Dioxane	7.738	88	41048	929.216	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	637272	245.401	ug/l	99
52) Toluene	8.714	92	220686	47.858	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	132076	48.728	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	145459	53.623	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	92618	51.278	ug/l	98
56) Ethyl methacrylate	9.116	69	141711	52.554	ug/l	99
57) 1,3-Dichloropropane	9.305	76	152823	49.453	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	331506	241.688	ug/l	99
59) 2-Hexanone	9.427	43	477980	249.163	ug/l	100
60) Dibromochloromethane	9.519	129	103453	52.364	ug/l	100
61) 1,2-Dibromoethane	9.610	107	98389	51.500	ug/l	100
64) Tetrachloroethene	9.275	164	84711	46.672	ug/l	98
65) Chlorobenzene	10.079	112	244698	48.483	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	94858	50.280	ug/l	100
67) Ethyl Benzene	10.189	91	423635	48.087	ug/l	99
68) m/p-Xylenes	10.299	106	337348	98.121	ug/l	98
69) o-Xylene	10.640	106	166100	48.728	ug/l	100
70) Styrene	10.652	104	280650	50.117	ug/l	100
71) Bromoform	10.799	173	82345	54.517	ug/l #	99
73) Isopropylbenzene	10.963	105	433671	46.170	ug/l	100
74) N-amyl acetate	10.841	43	183374	48.180	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	136043	46.469	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	111825m	45.893	ug/l	
77) Bromobenzene	11.195	156	117079	47.087	ug/l	99
78) n-propylbenzene	11.305	91	499239	46.882	ug/l	100
79) 2-Chlorotoluene	11.366	91	295631	46.225	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	367344	47.502	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	40814	50.838	ug/l	96
82) 4-Chlorotoluene	11.451	91	339011	45.846	ug/l	99
83) tert-Butylbenzene	11.713	119	377272	46.760	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	364708	47.000	ug/l	100
85) sec-Butylbenzene	11.890	105	460355	48.294	ug/l	100
86) p-Isopropyltoluene	12.006	119	400370	49.152	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	214926	48.026	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	212674	48.580	ug/l	99
89) n-Butylbenzene	12.329	91	335634	49.273	ug/l	100
90) Hexachloroethane	12.536	117	65580	49.904	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	207585	48.546	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	27946	51.336	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	147626	49.867	ug/l	100
94) Hexachlorobutadiene	13.725	225	70053	53.623	ug/l	99
95) Naphthalene	13.774	128	432850	46.487	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	143637	46.714	ug/l	99

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MSVOA_X
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VSTDCCC050

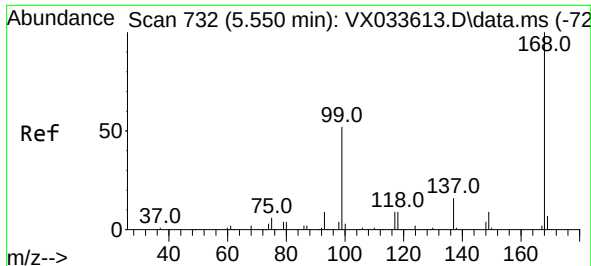
Manual Integrations
APPROVED

Reviewed By : John Carlone 01/09/2023
Supervised By : Mahesh Dadoda 01/09/2023

Quant Time: Jan 07 04:15:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 05 04:43:25 2023
Response via : Initial Calibration

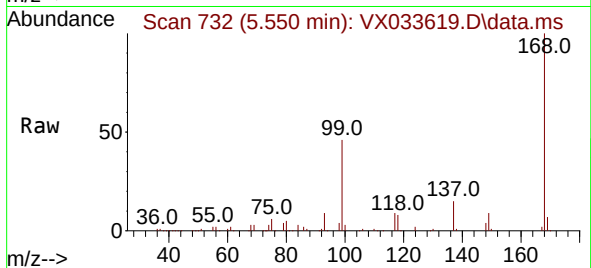
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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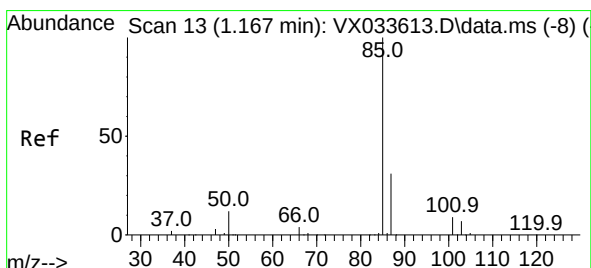
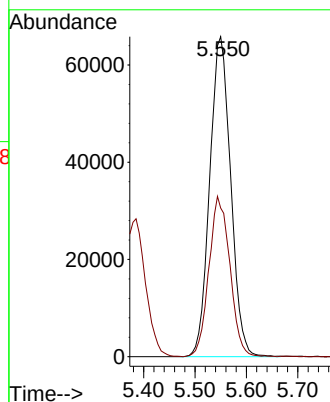
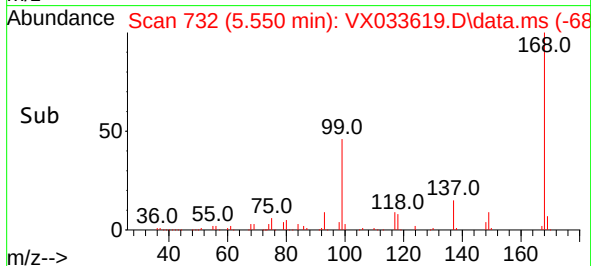
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 186420
Ion Ratio Lower Upper
168 100
99 46.4 41.4 62.2

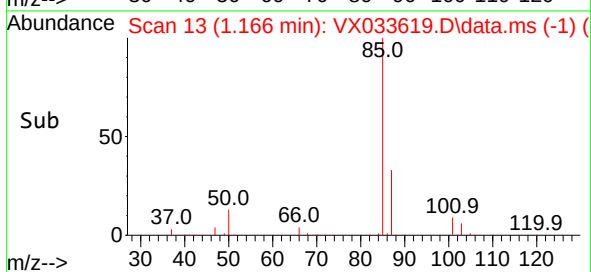
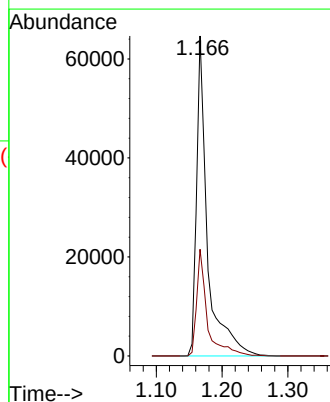
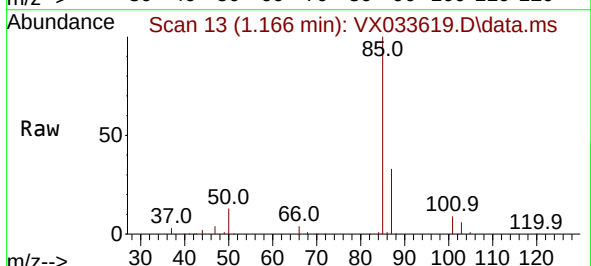
Manual Integrations
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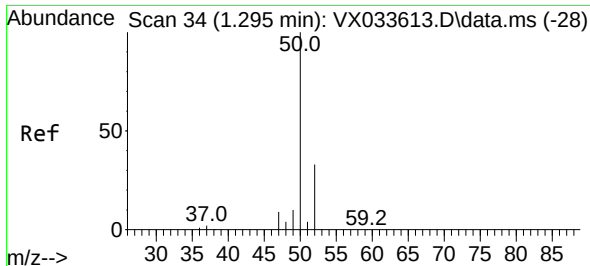
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#2
Dichlorodifluoromethane
Concen: 48.447 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

Tgt Ion: 85 Resp: 74485
Ion Ratio Lower Upper
85 100
87 33.3 15.7 47.0





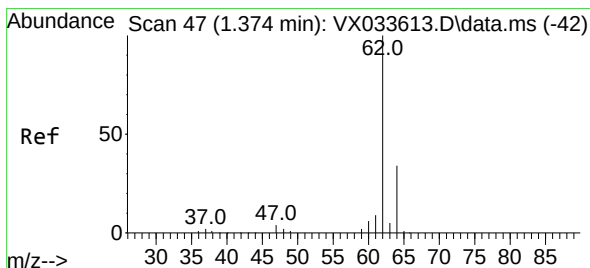
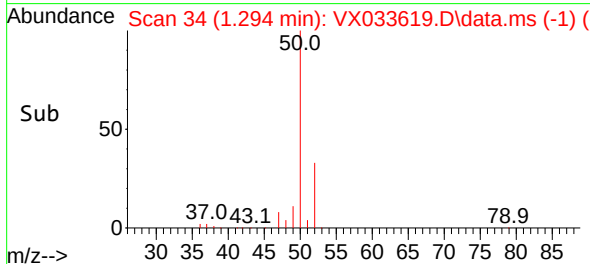
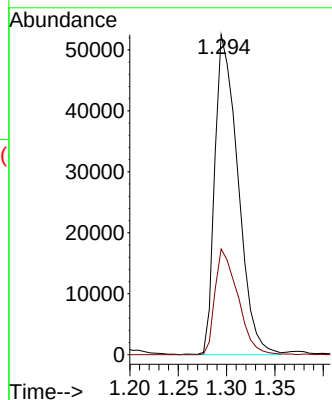
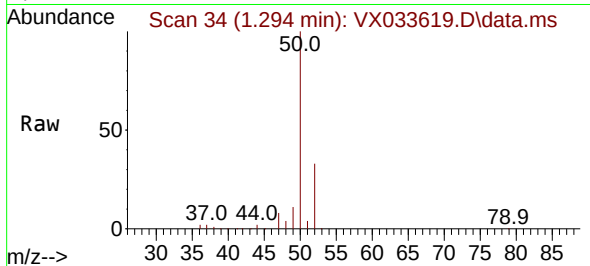
#3
Chloromethane
Concen: 46.098 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

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MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 8722
Ion Ratio Lower Upper
50 100
52 33.1 26.1 39.1

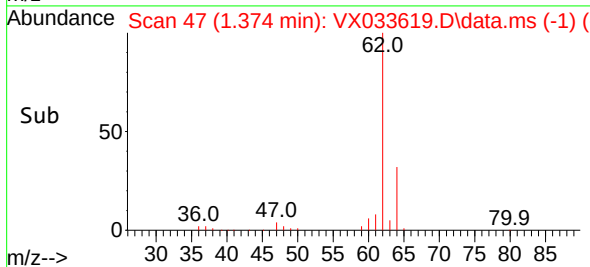
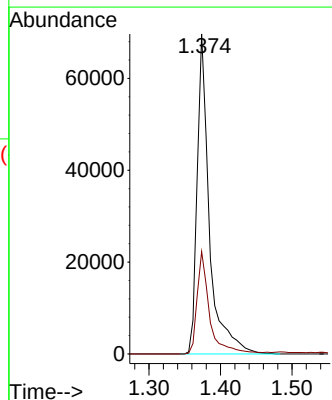
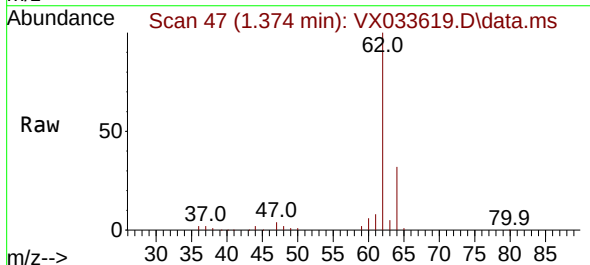
Manual Integrations
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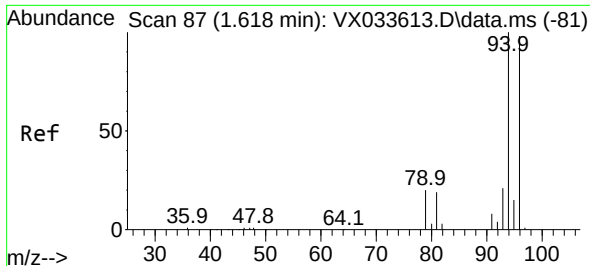
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#4
Vinyl Chloride
Concen: 49.302 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

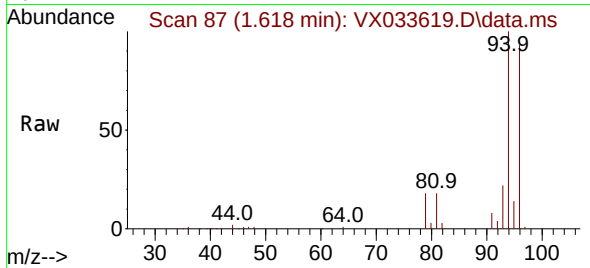
Tgt Ion: 62 Resp: 82746
Ion Ratio Lower Upper
62 100
64 32.0 27.2 40.8





#5
Bromomethane
Concen: 47.929 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033619.D
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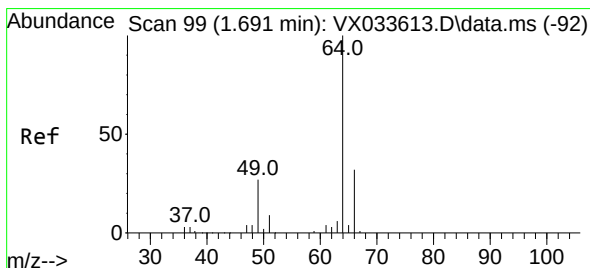
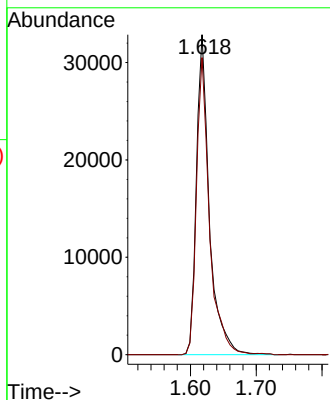
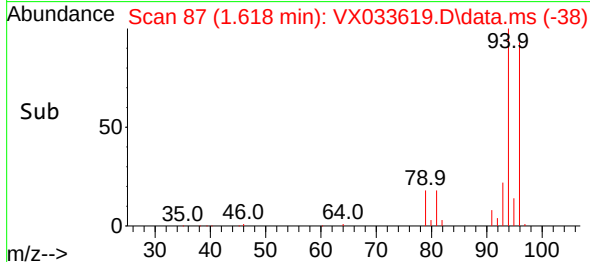
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 4498
Ion Ratio Lower Upper
94 100
96 92.8 78.0 117.0

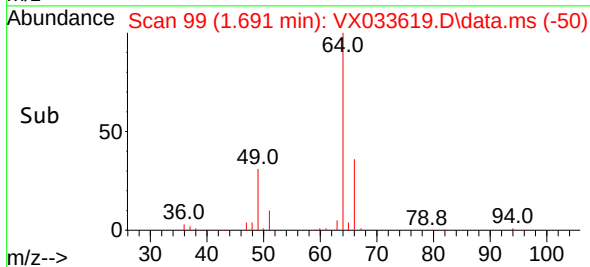
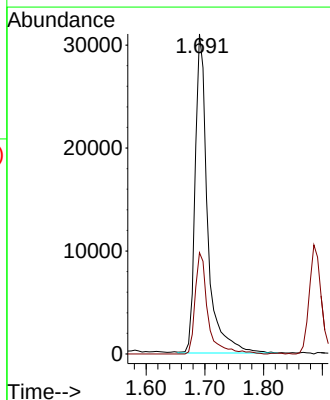
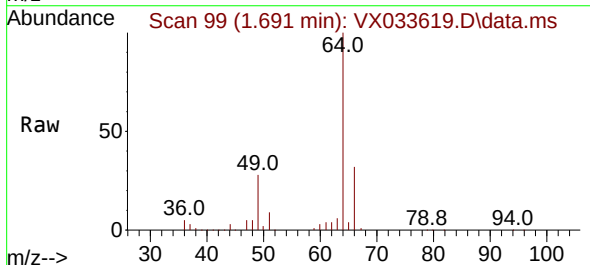
Manual Integrations
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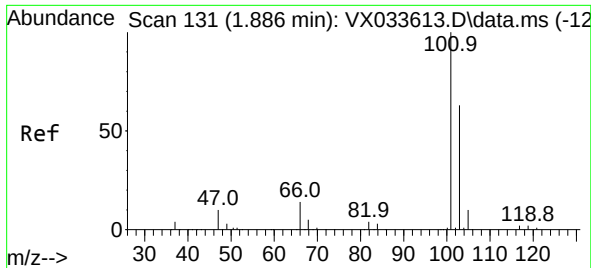
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#6
Chloroethane
Concen: 47.110 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

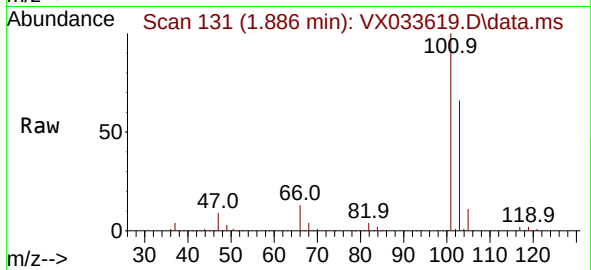
Tgt Ion: 64 Resp: 45560
Ion Ratio Lower Upper
64 100
66 31.8 25.7 38.5





#7
Trichlorofluoromethane
Concen: 49.982 ug/l
RT: 1.886 min Scan# 118670
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

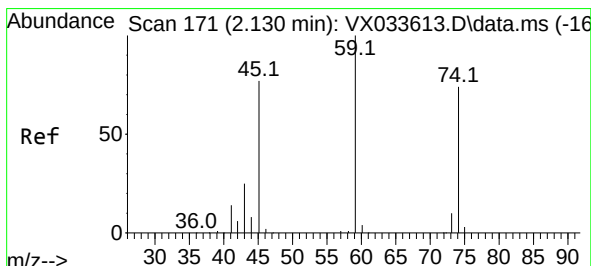
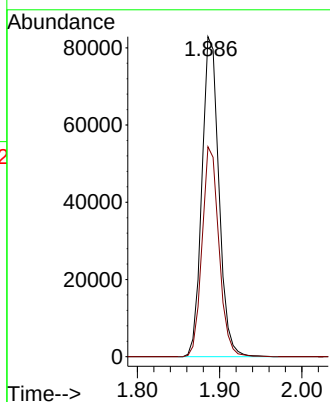
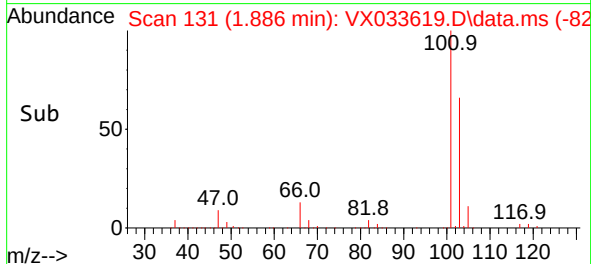
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 118670
Ion Ratio Lower Upper
101 100
103 65.6 50.6 75.8

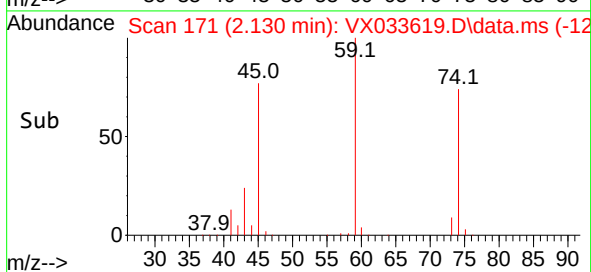
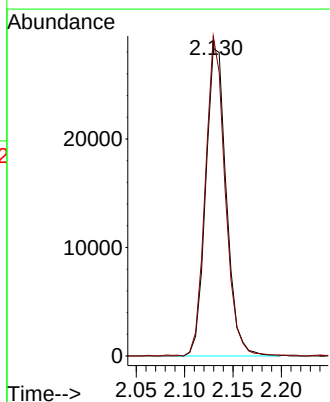
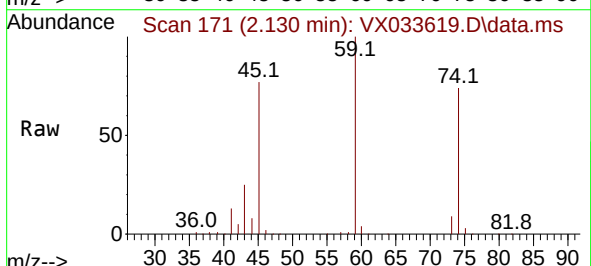
Manual Integrations
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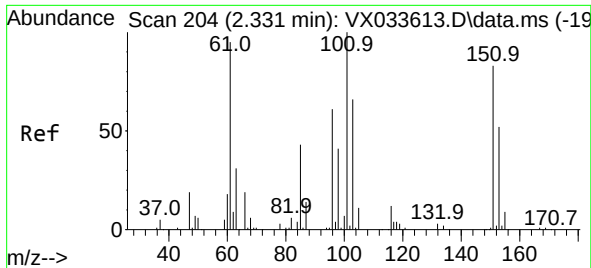
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#8
Diethyl Ether
Concen: 56.554 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Acq: 06 Jan 2023 10:20

Tgt Ion: 74 Resp: 42232
Ion Ratio Lower Upper
74 100
45 99.7 50.1 150.4





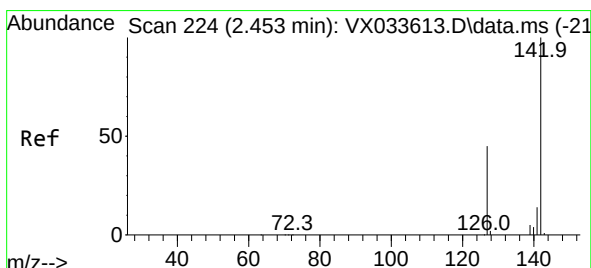
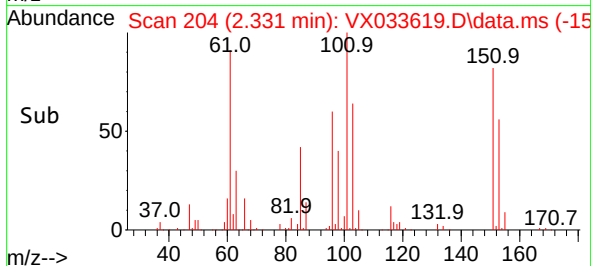
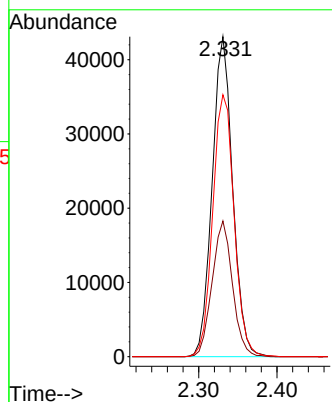
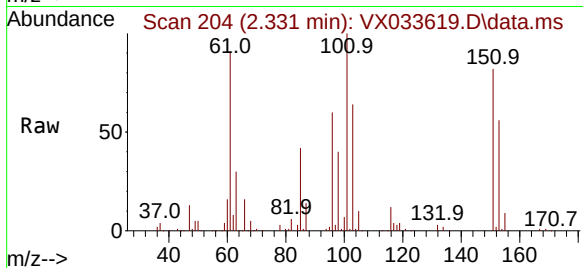
#9
1,1,2-Trichlorotrifluoroethane
Concen: 66.841 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 78420
Ion Ratio Lower Upper
101 100
85 42.2 35.7 53.5
151 85.4 66.7 100.1

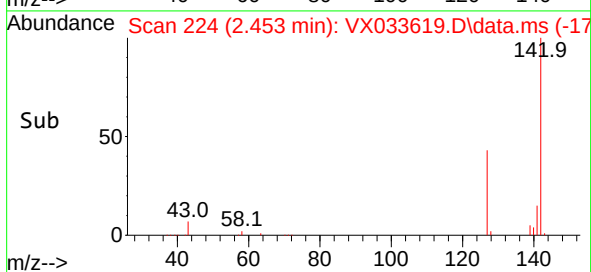
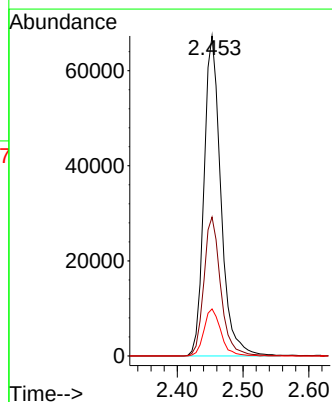
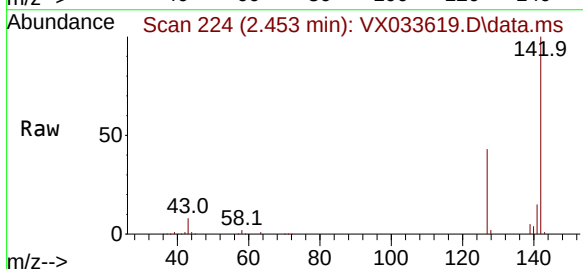
Manual Integrations
APPROVED

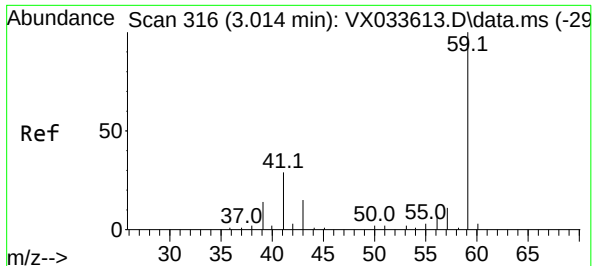
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#10
Methyl Iodide
Concen: 55.526 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

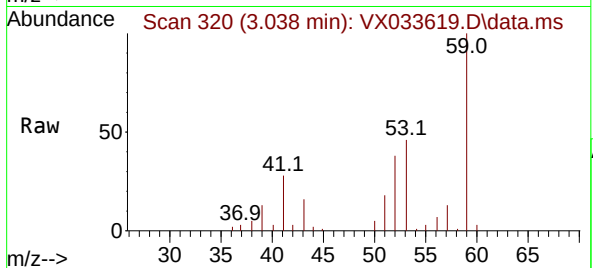
Tgt Ion:142 Resp: 120287
Ion Ratio Lower Upper
142 100
127 43.5 35.7 53.5
141 14.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 234.627 ug/l m
RT: 3.038 min Scan# 316
Delta R.T. 0.024 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

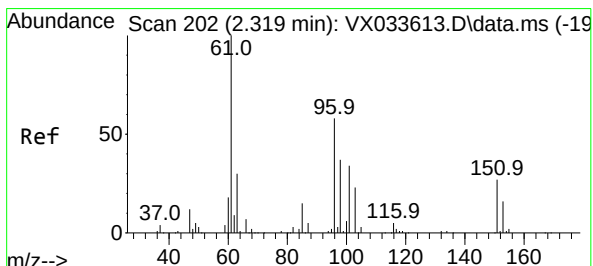
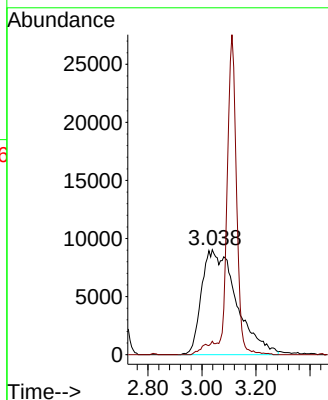
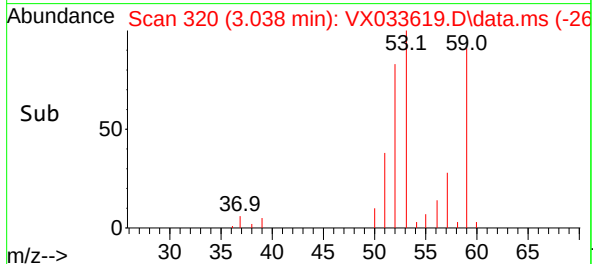
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



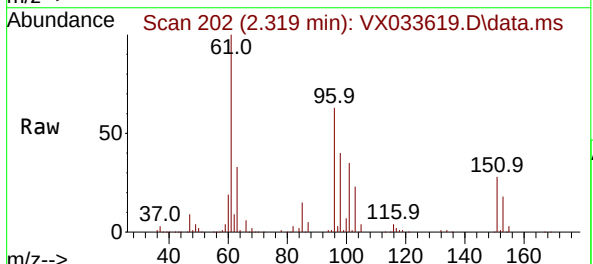
Tgt Ion: 59 Resp: 81115
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3

Manual Integrations
APPROVED

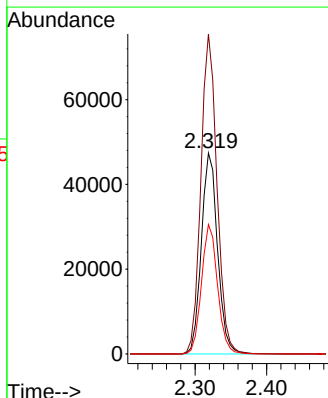
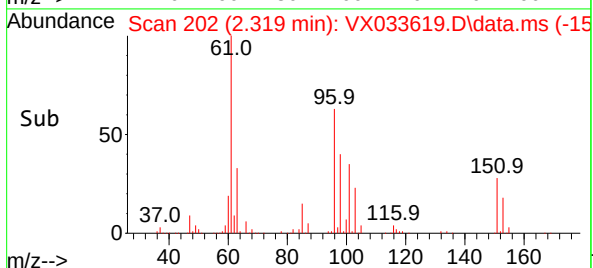
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

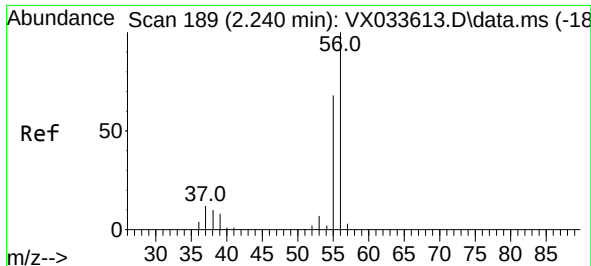


#12
1,1-Dichloroethene
Concen: 68.300 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20



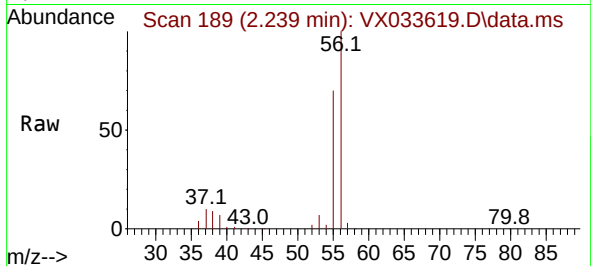
Tgt Ion: 96 Resp: 74717
Ion Ratio Lower Upper
96 100
61 159.2 139.1 208.7
98 64.4 50.8 76.2





#13
Acrolein
Concen: 379.044 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

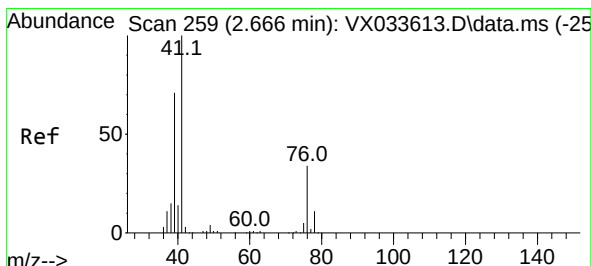
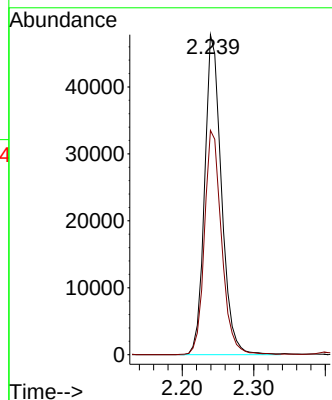
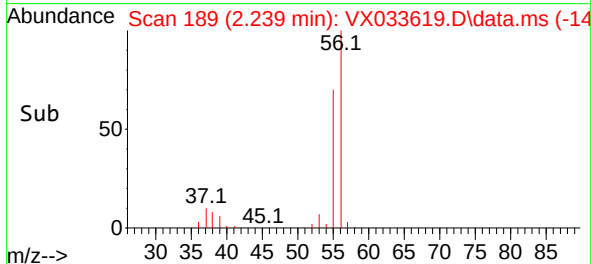
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 78084
Ion Ratio Lower Upper
56 100
55 71.6 56.9 85.3

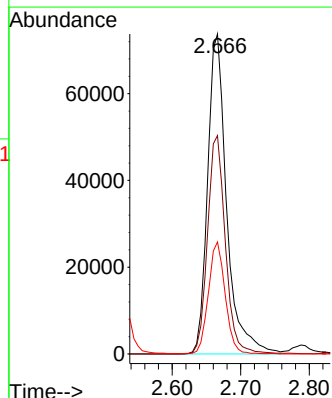
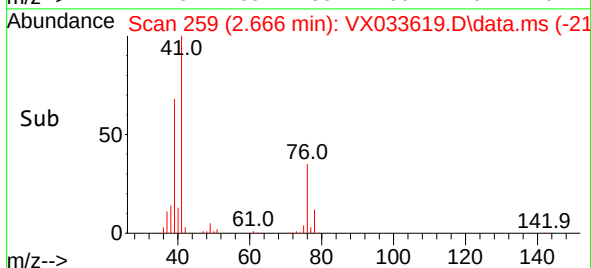
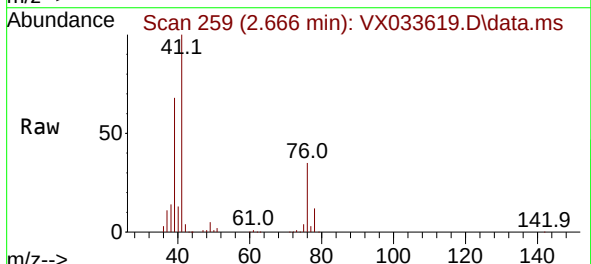
Manual Integrations
APPROVED

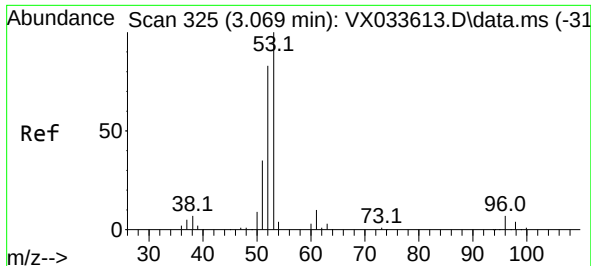
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#14
Allyl chloride
Concen: 49.087 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

Tgt Ion: 41 Resp: 142767
Ion Ratio Lower Upper
41 100
39 64.1 53.3 79.9
76 31.0 25.0 37.4





#15

Acrylonitrile

Concen: 246.562 ug/l

RT: 3.068 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX033619.D

Acq: 06 Jan 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 230560

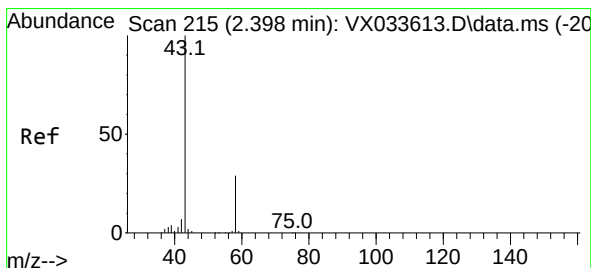
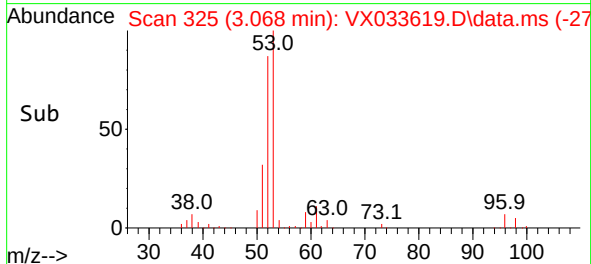
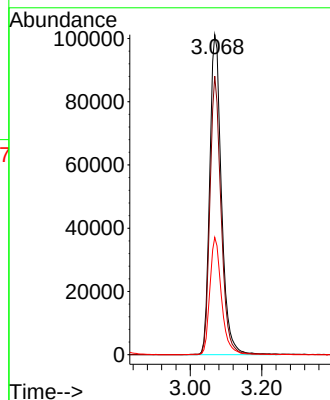
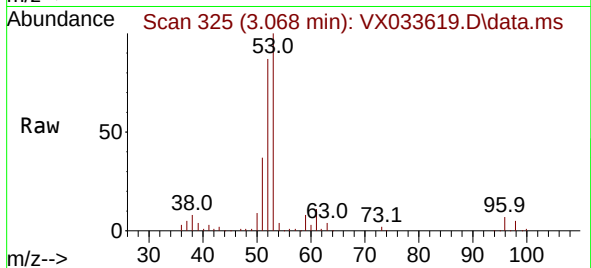
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.7	100.1
51	36.6	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#16

Acetone

Concen: 300.867 ug/l

RT: 2.398 min Scan# 215

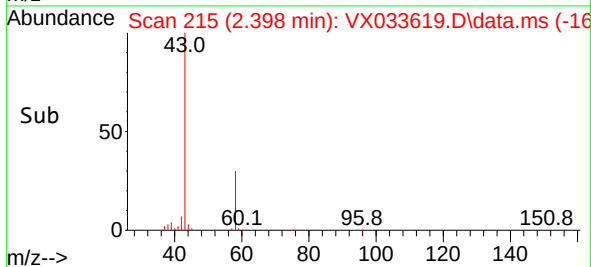
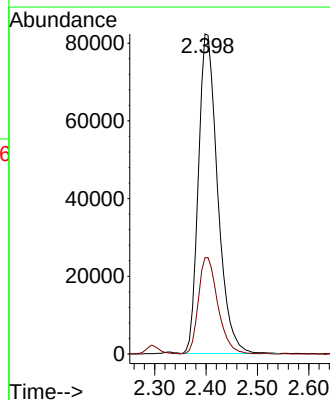
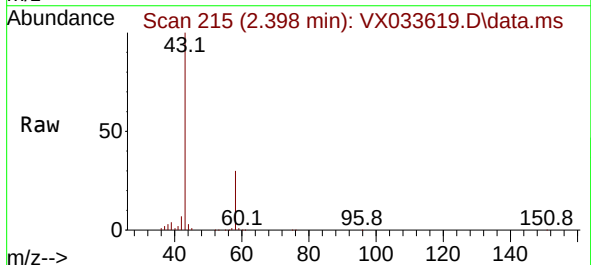
Delta R.T. -0.000 min

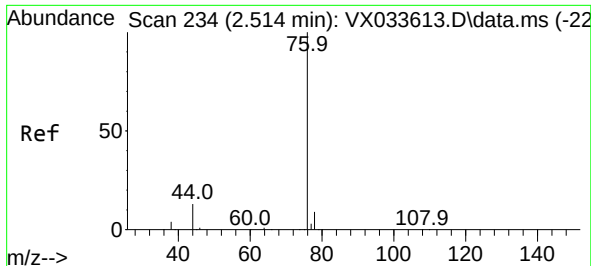
Lab File: VX033619.D

Acq: 06 Jan 2023 10:20

Tgt Ion: 43 Resp: 213529

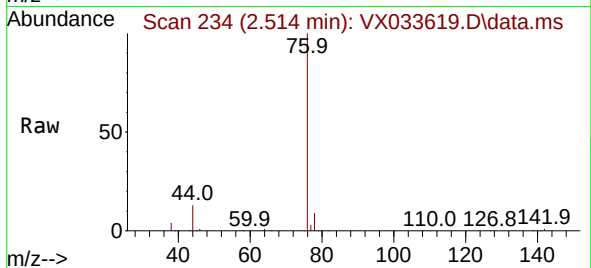
Ion	Ratio	Lower	Upper
43	100		
58	30.2	22.9	34.3





#17
Carbon Disulfide
Concen: 46.755 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

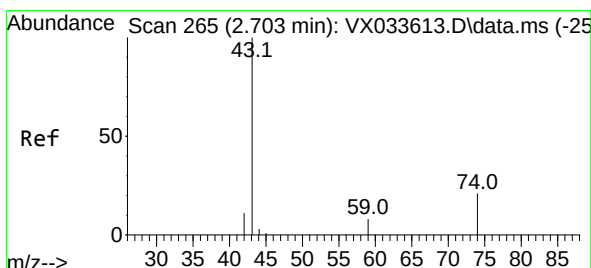
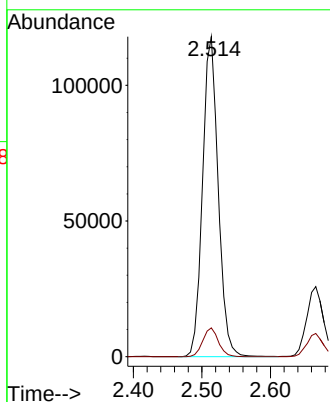
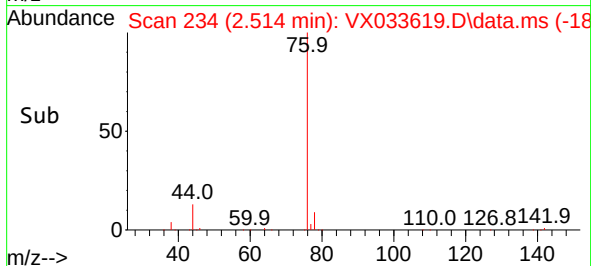
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



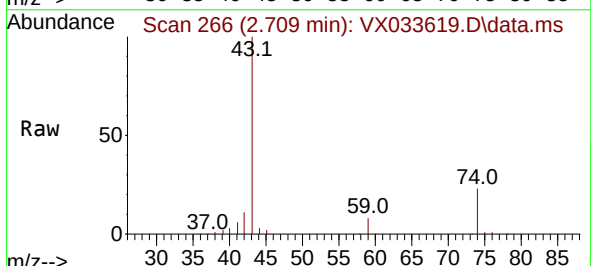
Tgt Ion: 76 Resp: 18736
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

Manual Integrations
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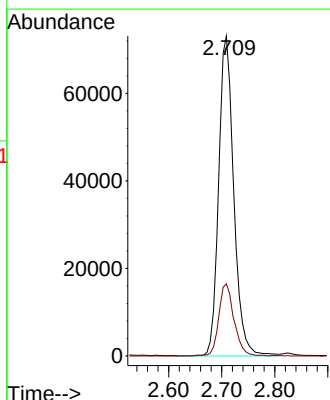
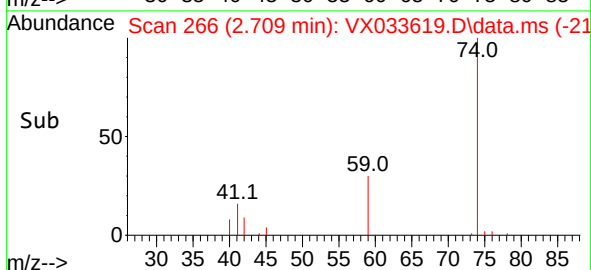
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

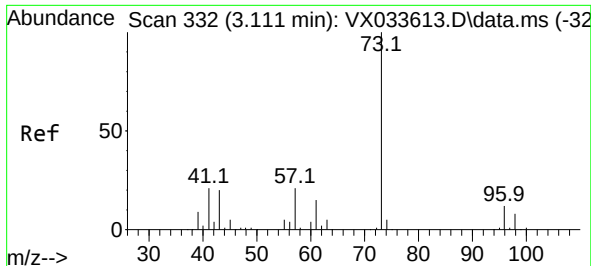


#18
Methyl Acetate
Concen: 49.578 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20



Tgt Ion: 43 Resp: 144620
Ion Ratio Lower Upper
43 100
74 22.8 17.9 26.9





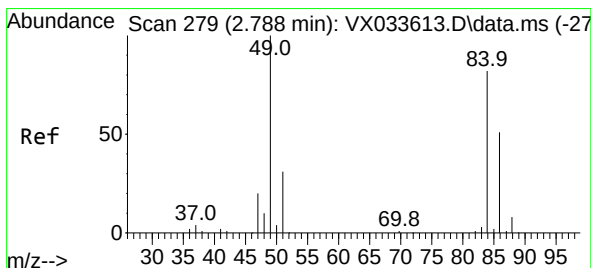
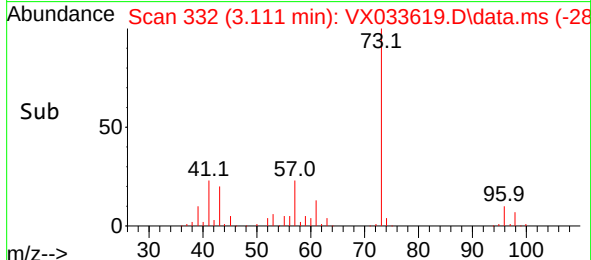
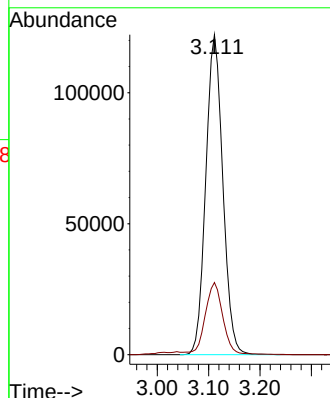
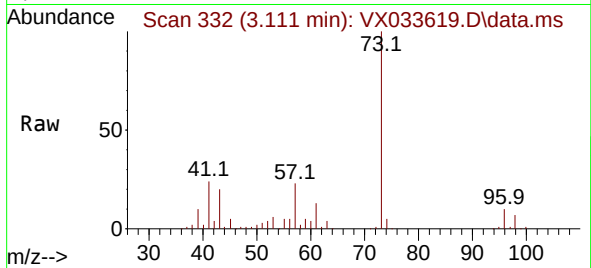
#19
Methyl tert-butyl Ether
Concen: 51.311 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 28086
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.2

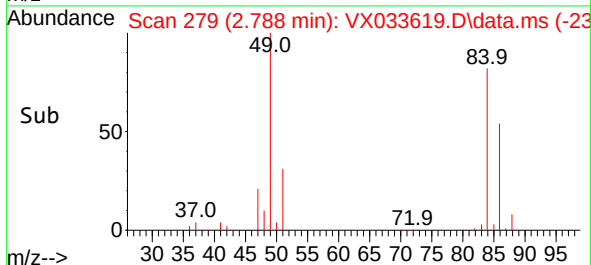
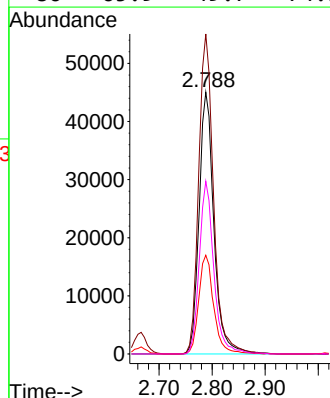
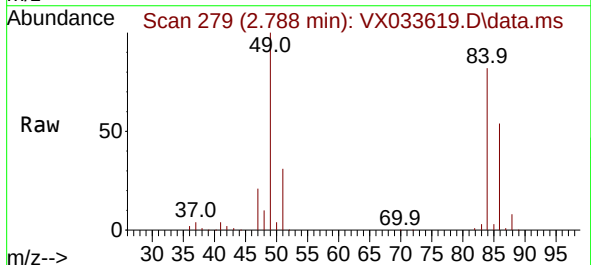
Manual Integrations
APPROVED

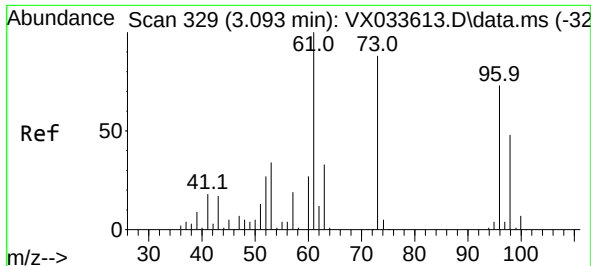
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#20
Methylene Chloride
Concen: 49.322 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

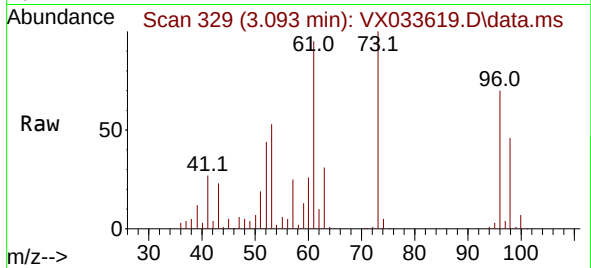
Tgt Ion: 84 Resp: 87484
Ion Ratio Lower Upper
84 100
49 122.3 97.6 146.4
51 37.7 30.4 45.6
86 65.9 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 47.545 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

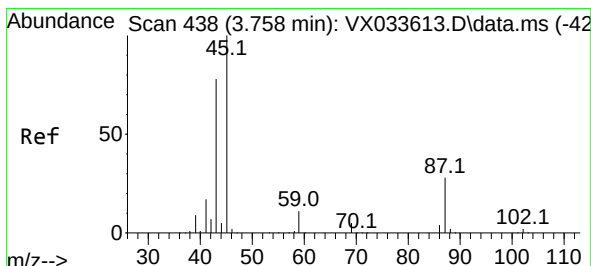
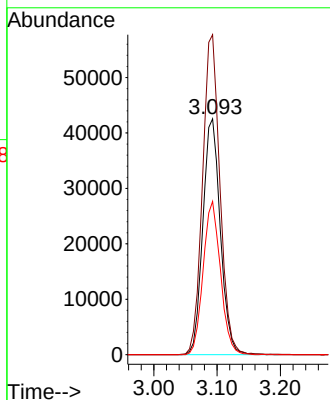
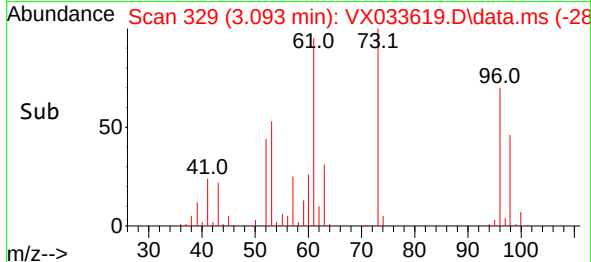
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



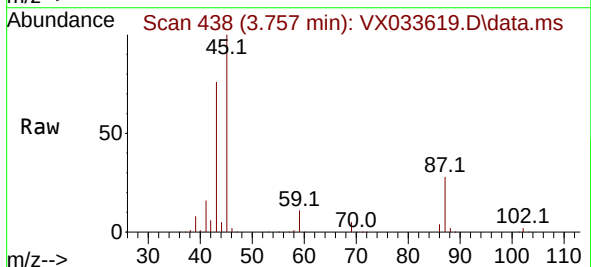
Tgt Ion: 96 Resp: 81784
Ion Ratio Lower Upper
96 100
61 135.7 109.7 164.5
98 65.0 52.2 78.2

Manual Integrations
APPROVED

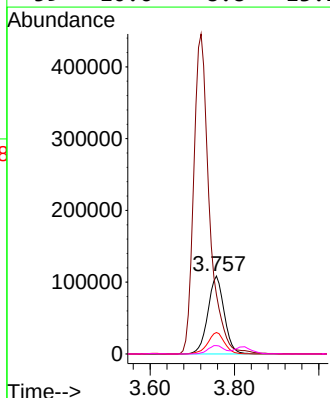
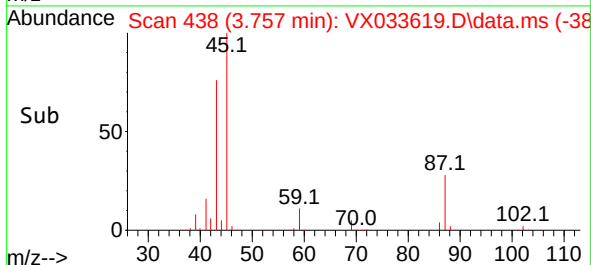
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

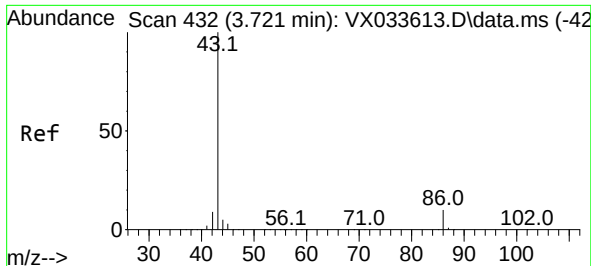


#22
Diisopropyl ether
Concen: 49.826 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20



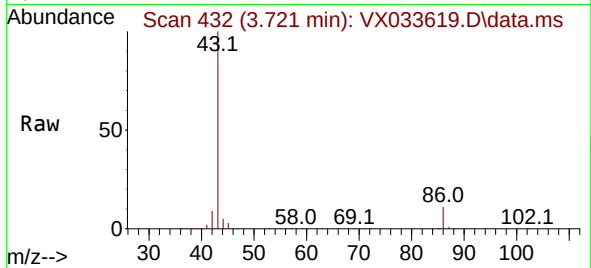
Tgt Ion: 45 Resp: 291984
Ion Ratio Lower Upper
45 100
43 76.0 62.6 93.8
87 27.6 22.1 33.1
59 10.6 8.8 13.2





#23
 Vinyl Acetate
 Concen: 257.588 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX033619.D
 Acq: 06 Jan 2023 10:20

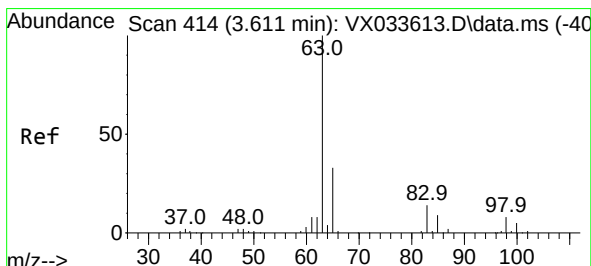
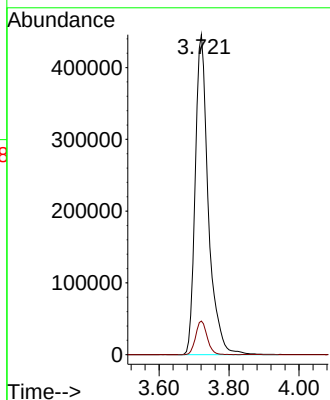
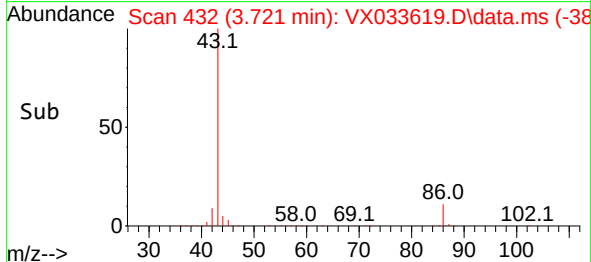
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



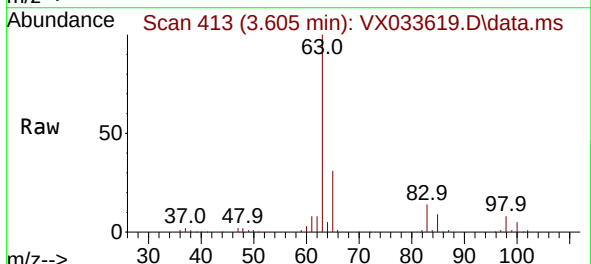
Tgt Ion: 43 Resp: 115912
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.3 12.5

Manual Integrations
 APPROVED

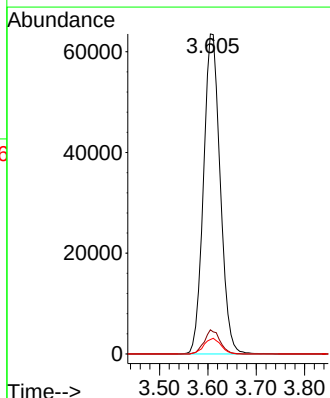
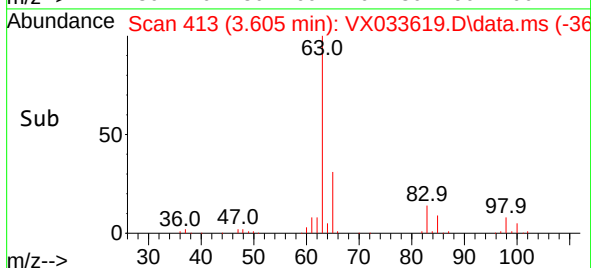
Reviewed By :John Carlone 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023

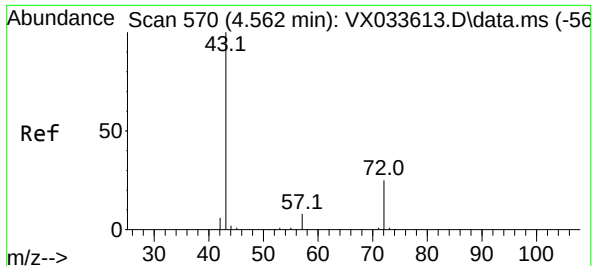


#24
 1,1-Dichloroethane
 Concen: 48.059 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033619.D
 Acq: 06 Jan 2023 10:20



Tgt Ion: 63 Resp: 152379
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 4.5 2.5 7.6





#25

2-Butanone

Concen: 238.566 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033619.D

Acq: 06 Jan 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 32781

Ion Ratio Lower Upper

43 100

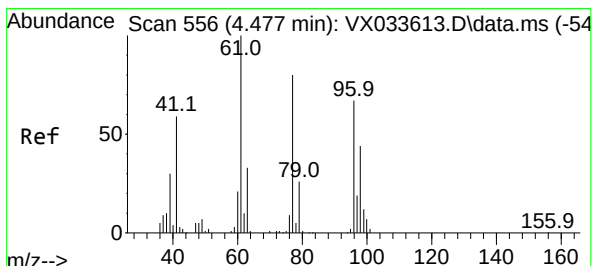
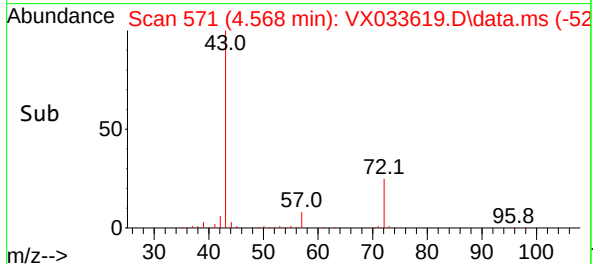
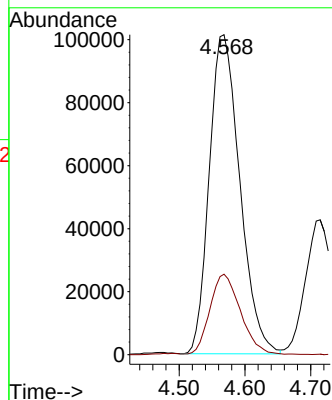
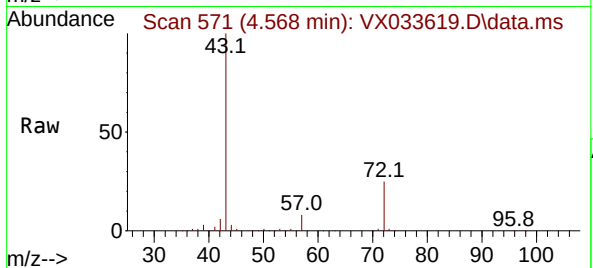
72 25.0 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#26

2,2-Dichloropropane

Concen: 51.852 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX033619.D

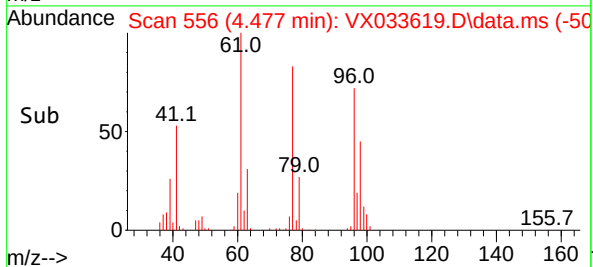
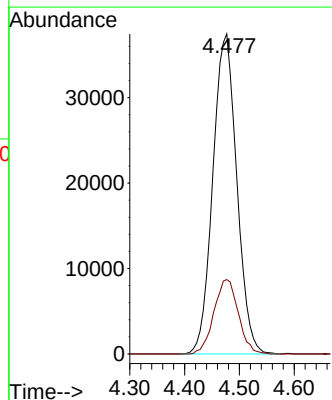
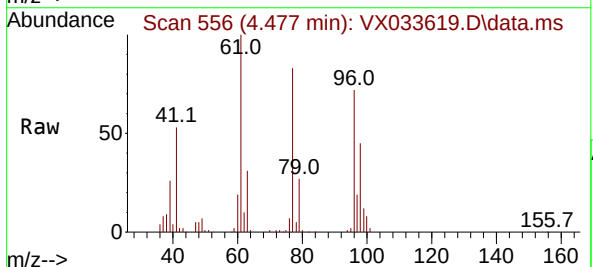
Acq: 06 Jan 2023 10:20

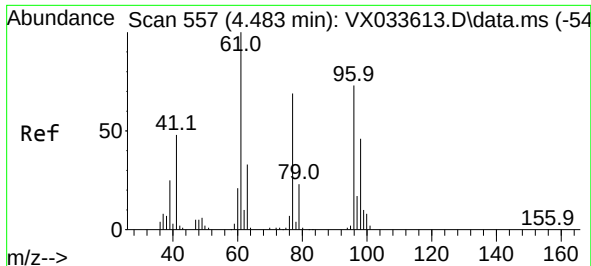
Tgt Ion: 77 Resp: 113659

Ion Ratio Lower Upper

77 100

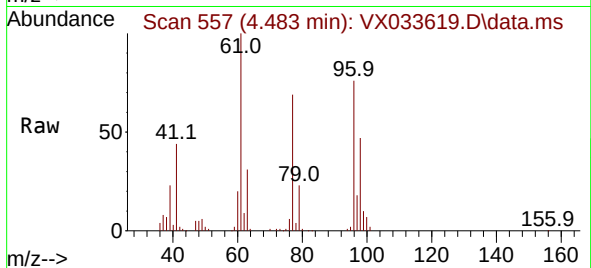
97 23.7 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 49.731 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX033619.D
 Acq: 06 Jan 2023 10:20

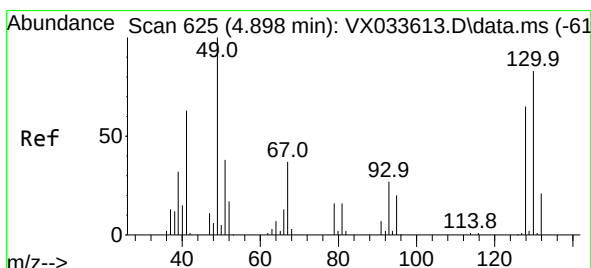
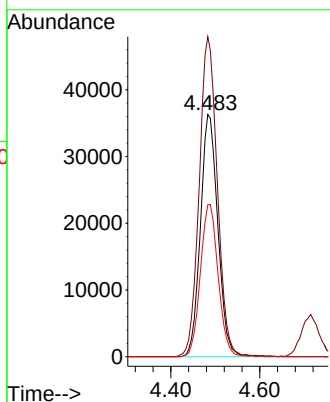
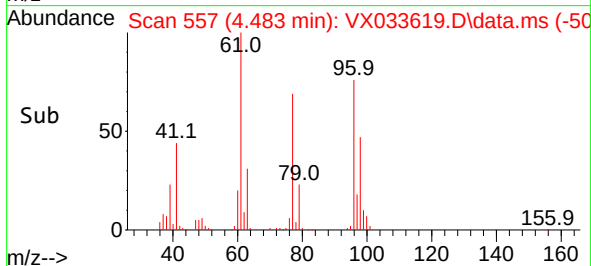
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 99219
 Ion Ratio Lower Upper
 96 100
 61 137.1 0.0 283.8
 98 63.9 0.0 129.6

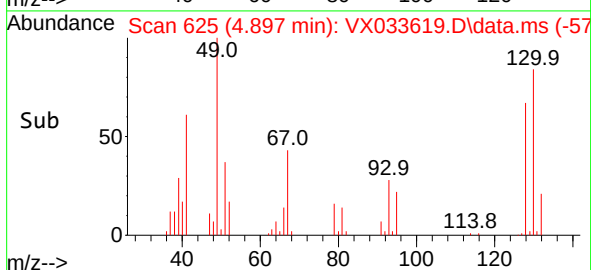
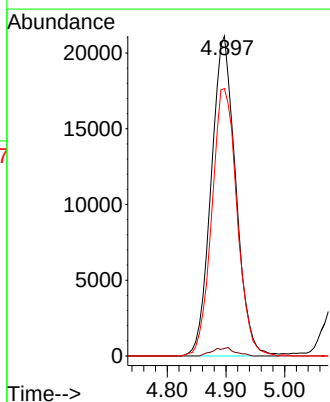
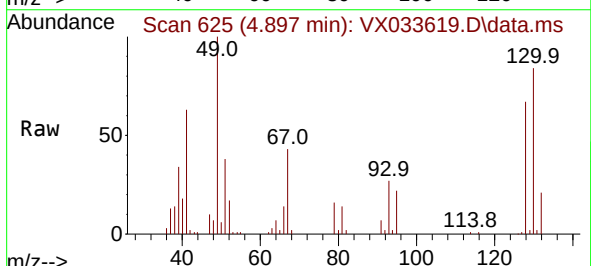
Manual Integrations
 APPROVED

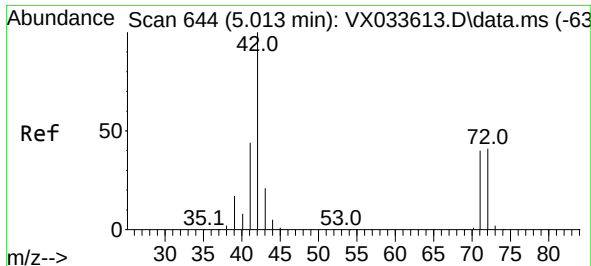
Reviewed By :John Carlone 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023



#28
 Bromochloromethane
 Concen: 47.563 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX033619.D
 Acq: 06 Jan 2023 10:20

Tgt Ion: 49 Resp: 61259
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.0
 130 85.9 66.6 100.0





#29

Tetrahydrofuran

Concen: 238.390 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX033619.D

Acq: 06 Jan 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 20776

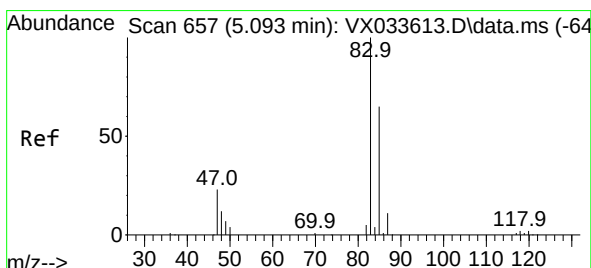
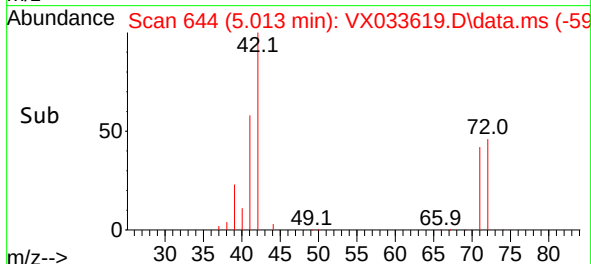
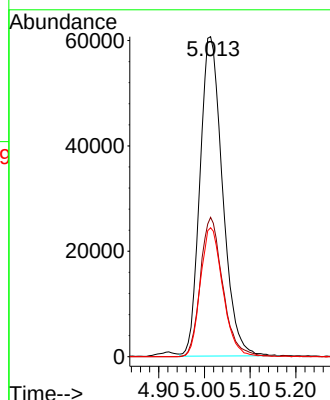
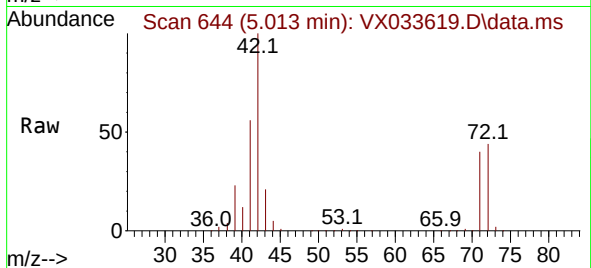
Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.2	51.4
71	40.2	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#30

Chloroform

Concen: 48.368 ug/l

RT: 5.086 min Scan# 656

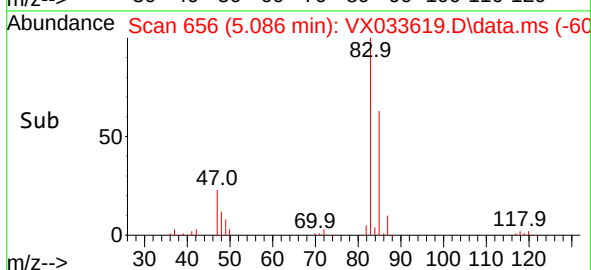
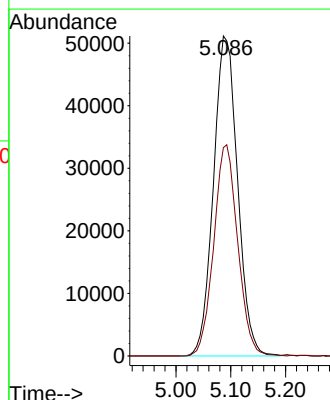
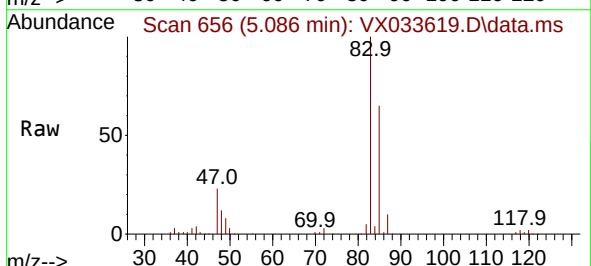
Delta R.T. -0.006 min

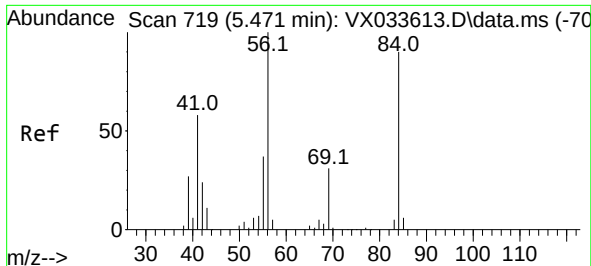
Lab File: VX033619.D

Acq: 06 Jan 2023 10:20

Tgt Ion: 83 Resp: 156667

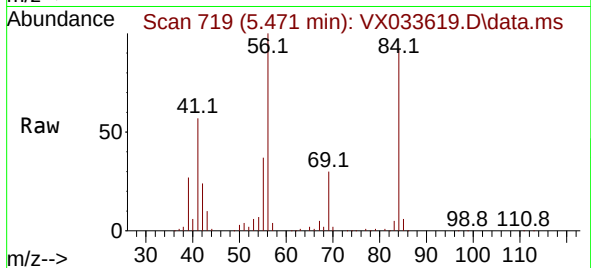
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.2	78.2





#31
Cyclohexane
Concen: 46.514 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

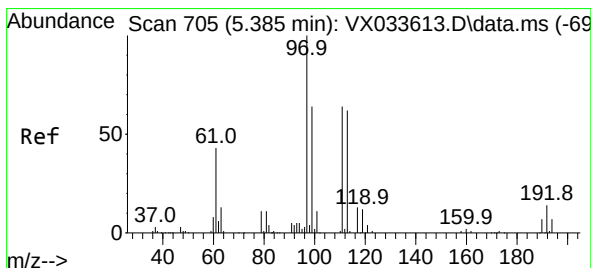
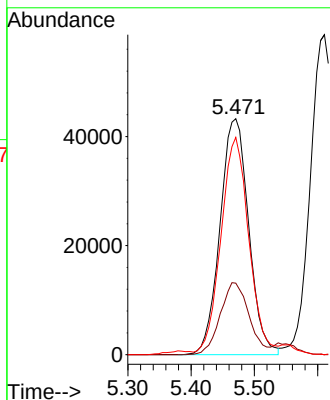
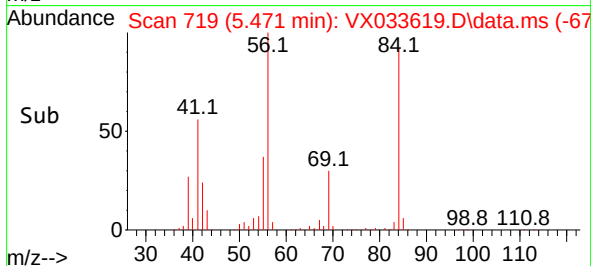
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



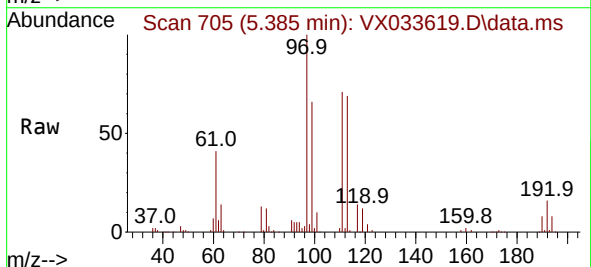
Tgt Ion: 56 Resp: 136270
Ion Ratio Lower Upper
56 100
69 30.3 24.6 36.8
84 90.5 72.2 108.2

Manual Integrations
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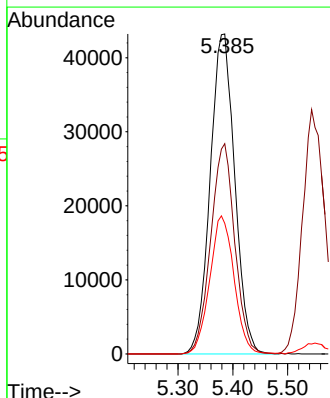
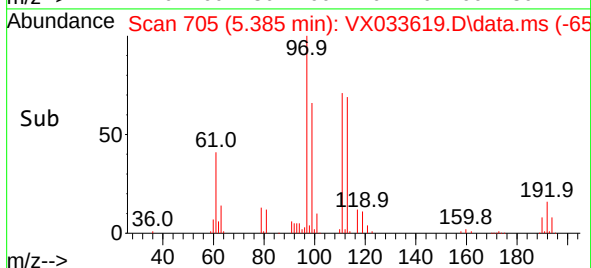
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

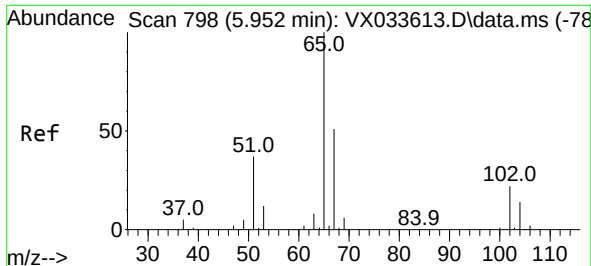


#32
1,1,1-Trichloroethane
Concen: 48.047 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20



Tgt Ion: 97 Resp: 134565
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.6
61 42.9 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 49.680 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX033619.D

Acq: 06 Jan 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 104552

Ion Ratio Lower Upper

65 100

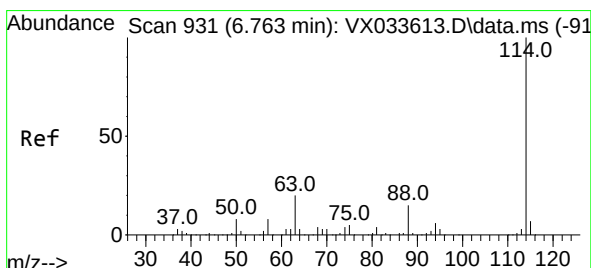
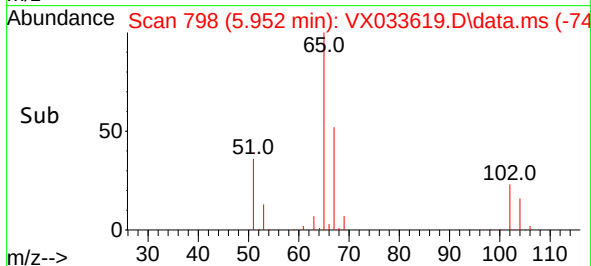
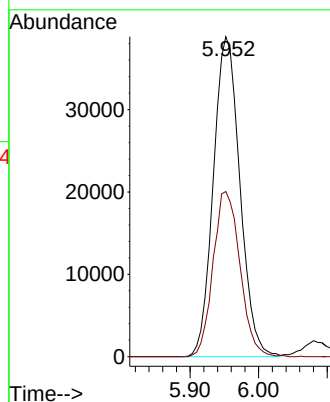
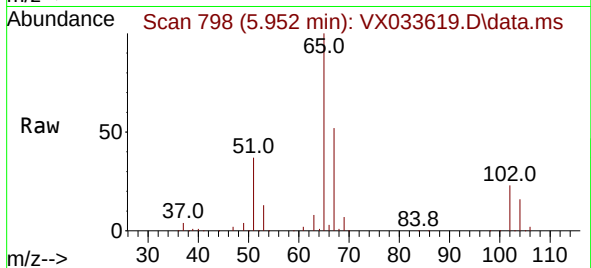
67 52.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033619.D

Acq: 06 Jan 2023 10:20

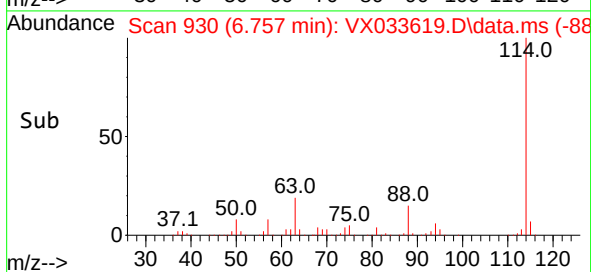
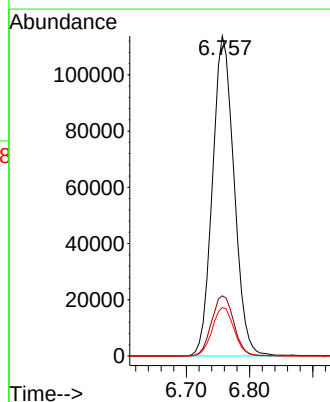
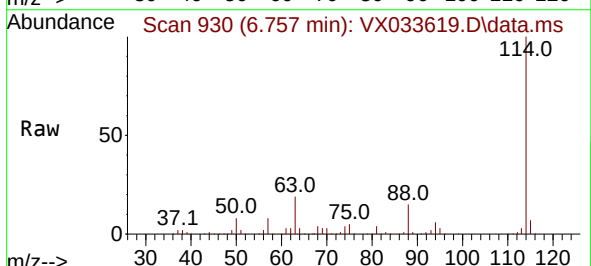
Tgt Ion:114 Resp: 269531

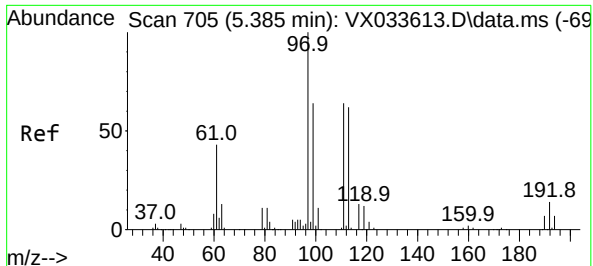
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

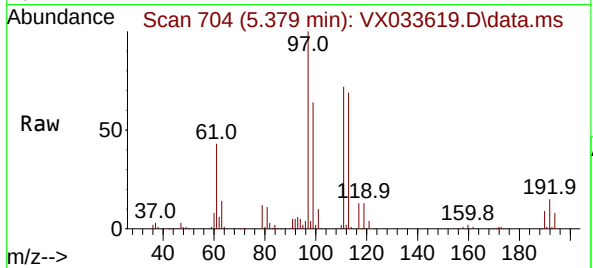
88 15.1 0.0 29.6





#35
Dibromofluoromethane
Concen: 49.996 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

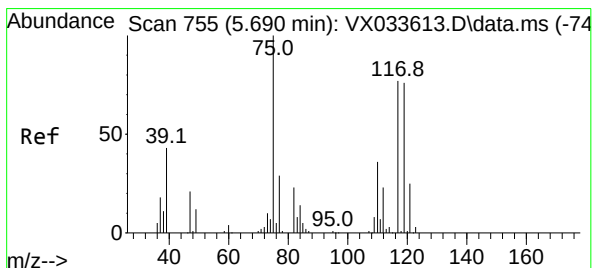
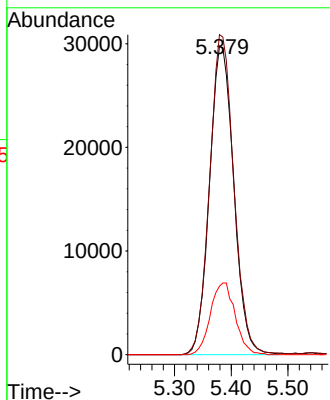
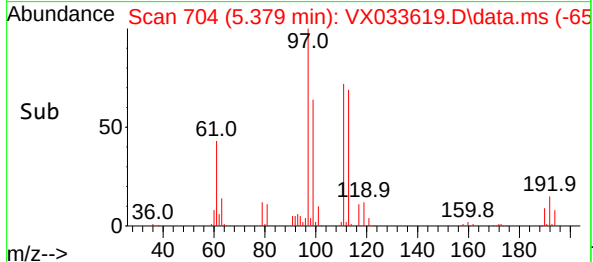
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 88572
Ion Ratio Lower Upper
113 100
111 103.2 81.2 121.8
192 23.7 18.2 27.2

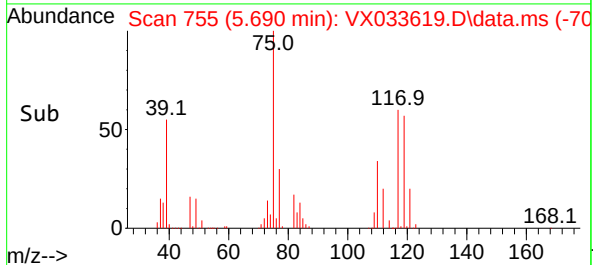
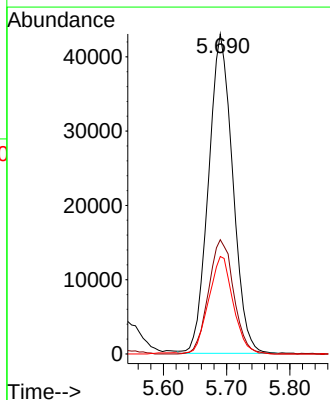
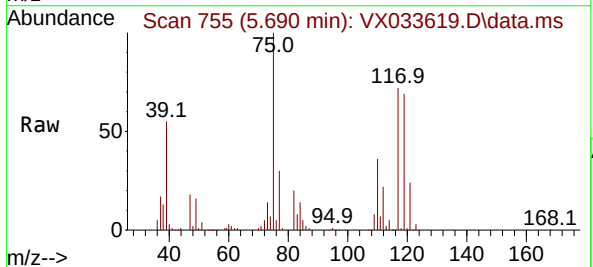
Manual Integrations
APPROVED

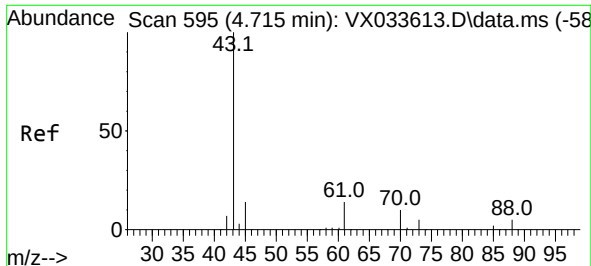
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#36
1,1-Dichloropropene
Concen: 47.628 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

Tgt Ion: 75 Resp: 114295
Ion Ratio Lower Upper
75 100
110 37.1 18.0 54.0
77 30.9 24.5 36.7





#37

Ethyl Acetate

Concen: 48.479 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX033619.D

Acq: 06 Jan 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 12904

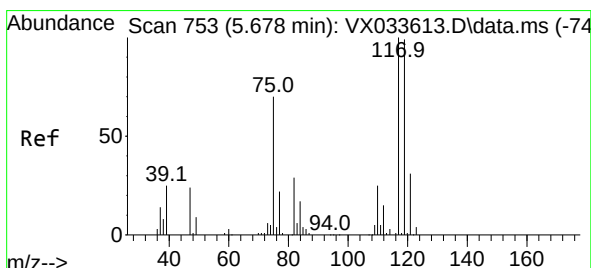
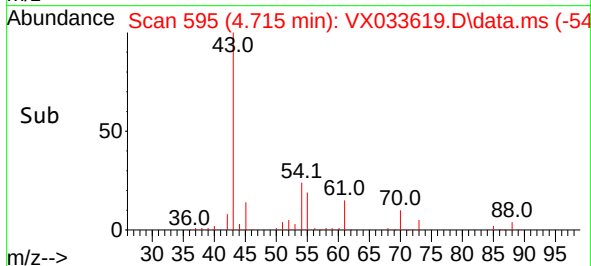
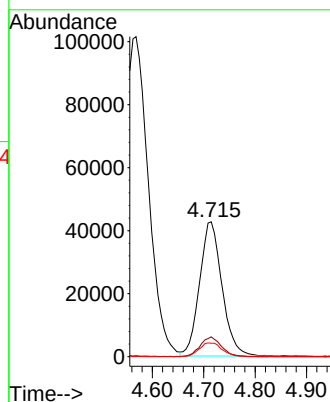
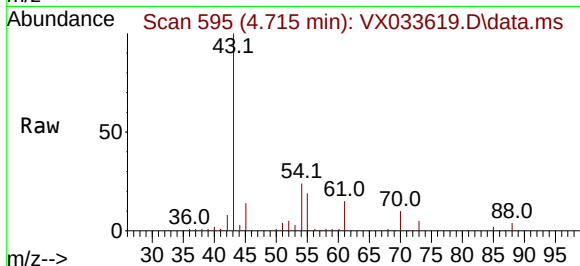
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.6	16.0
70	10.5	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#38

Carbon Tetrachloride

Concen: 47.887 ug/l

RT: 5.672 min Scan# 752

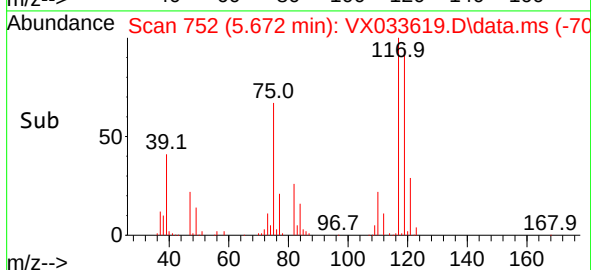
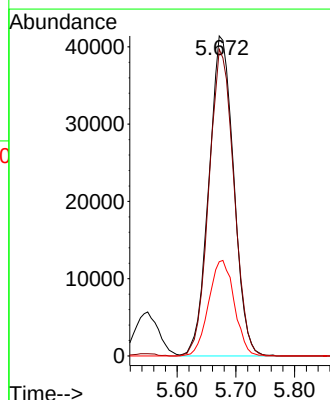
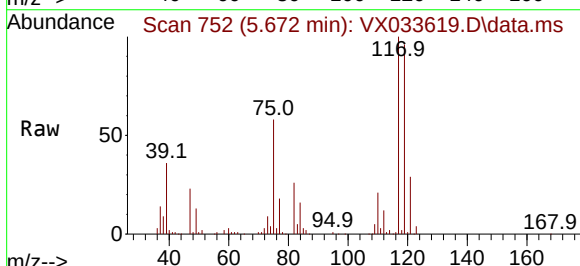
Delta R.T. -0.006 min

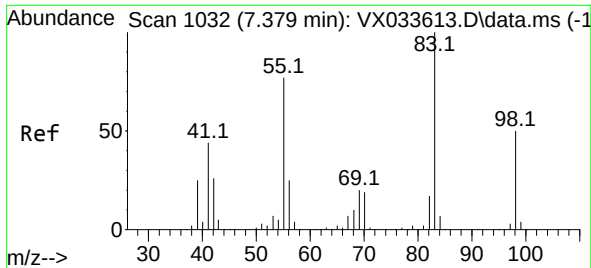
Lab File: VX033619.D

Acq: 06 Jan 2023 10:20

Tgt Ion:117 Resp: 121614

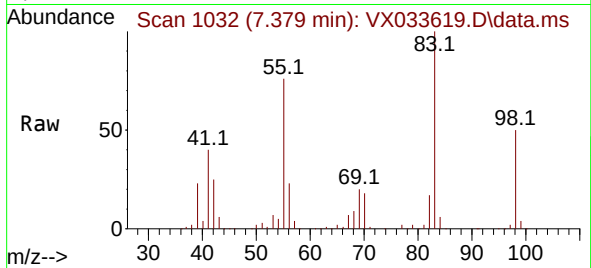
Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.8	118.2
121	29.4	24.9	37.3





#39
Methylcyclohexane
Concen: 47.719 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

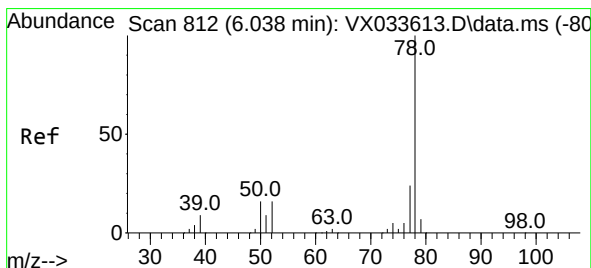
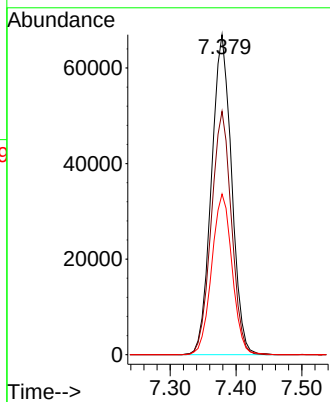
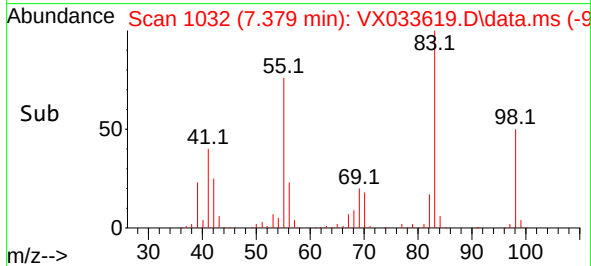
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



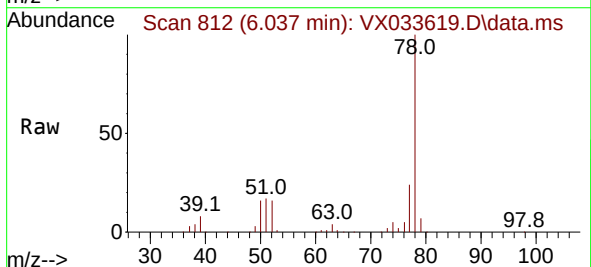
Tgt Ion: 83 Resp: 14298
Ion Ratio Lower Upper
83 100
55 76.0 61.4 92.2
98 50.2 40.2 60.2

Manual Integrations
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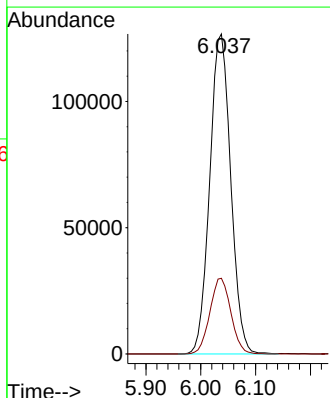
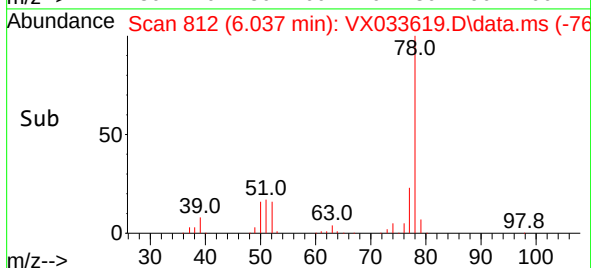
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

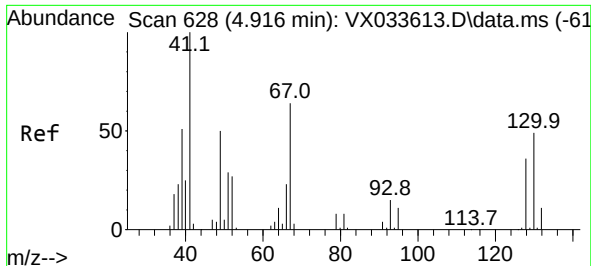


#40
Benzene
Concen: 48.090 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20



Tgt Ion: 78 Resp: 337297
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





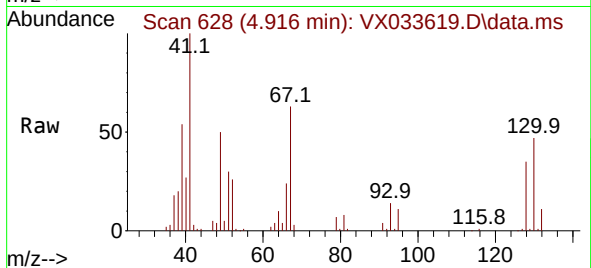
#41
Methacrylonitrile
Concen: 51.075 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 41 Resp: 74469

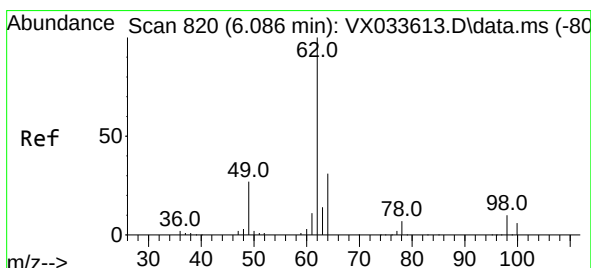
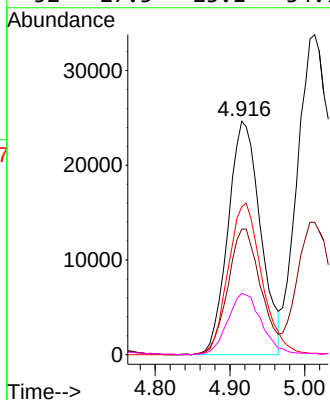
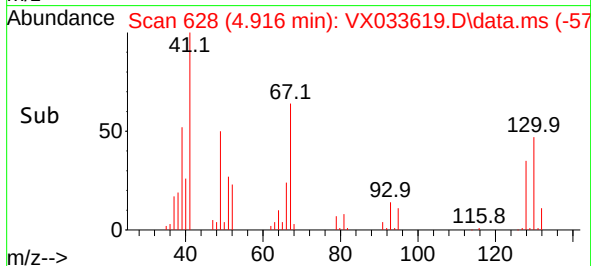
Ion	Ratio	Lower	Upper
41	100		
39	54.4	44.1	66.1
67	67.3	53.8	80.6
52	27.5	23.1	34.7

Manual Integrations

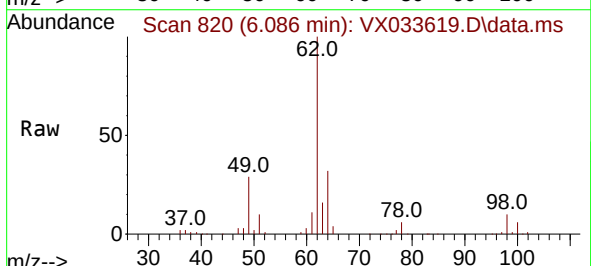
APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023

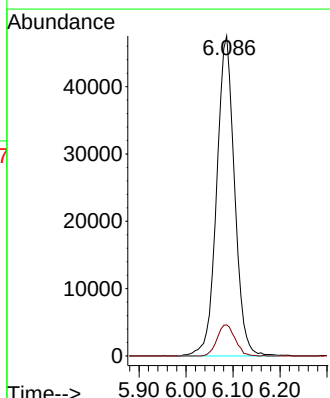
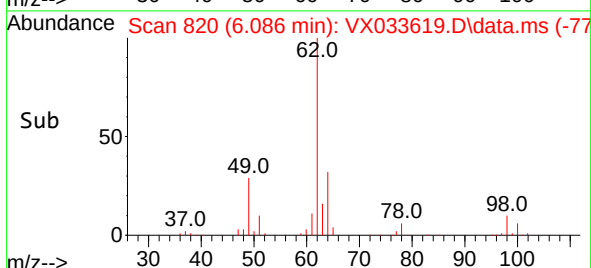


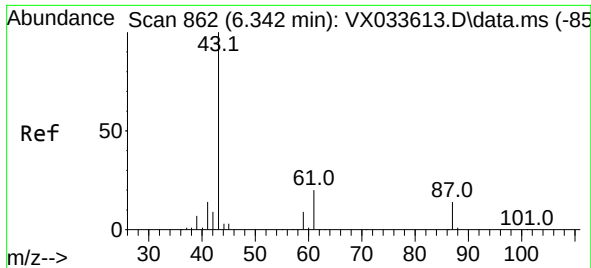
#42
1,2-Dichloroethane
Concen: 48.165 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20



Tgt Ion: 62 Resp: 125926

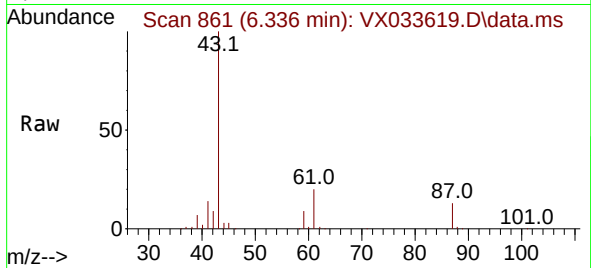
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.0





#43
Isopropyl Acetate
Concen: 50.510 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

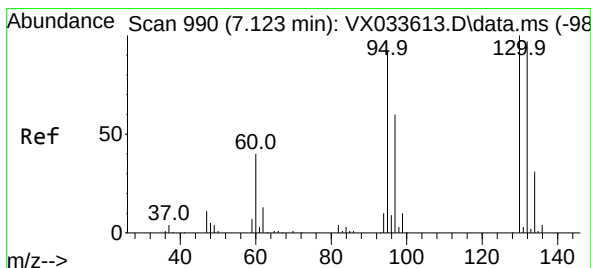
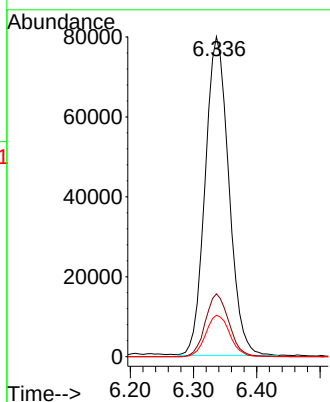
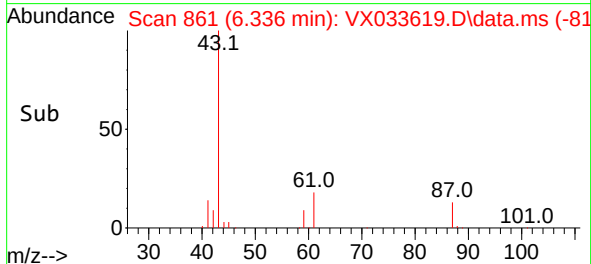
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 207240
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 13.1 10.6 16.0

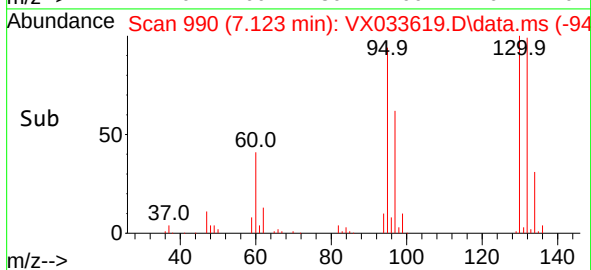
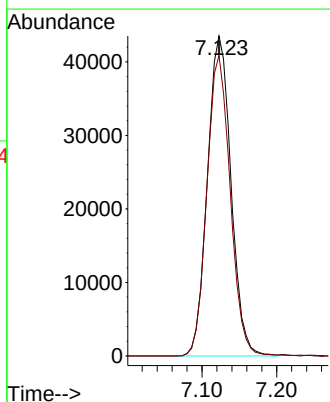
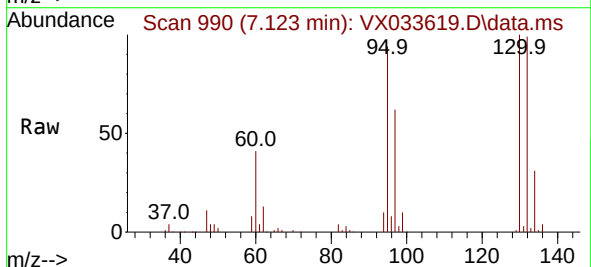
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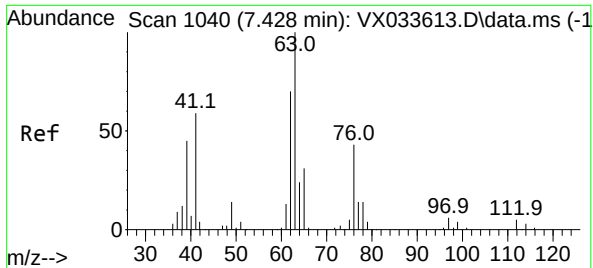
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#44
Trichloroethene
Concen: 47.683 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

Tgt Ion:130 Resp: 95437
Ion Ratio Lower Upper
130 100
95 93.9 0.0 183.0





#45

1,2-Dichloropropane

Concen: 49.395 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX033619.D

Acq: 06 Jan 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 89240

Ion Ratio Lower Upper

63 100

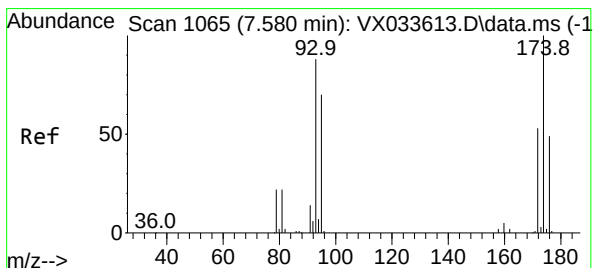
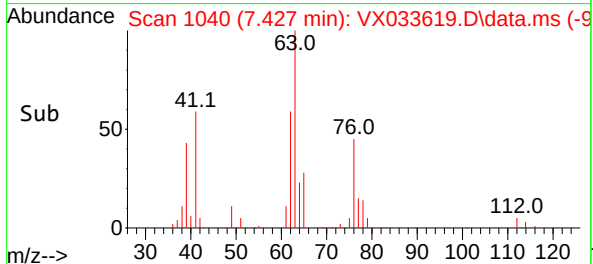
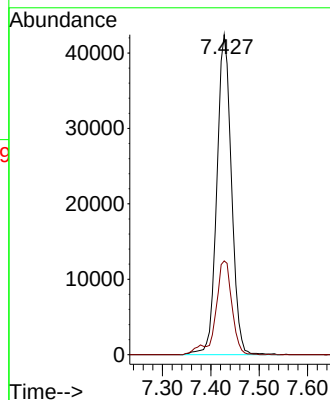
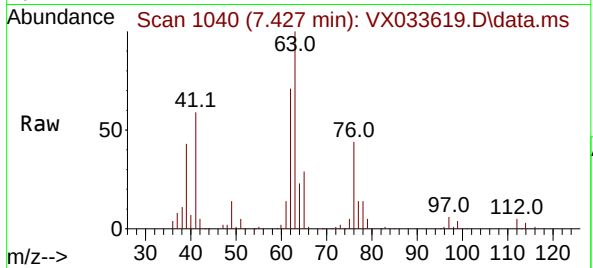
65 29.3 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#46

Dibromomethane

Concen: 49.738 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033619.D

Acq: 06 Jan 2023 10:20

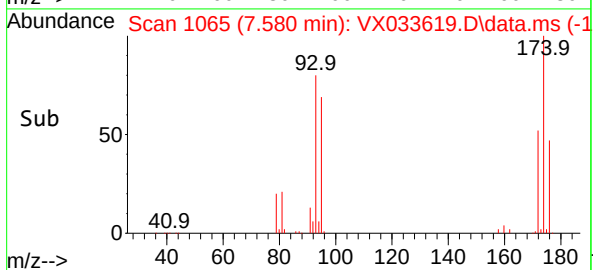
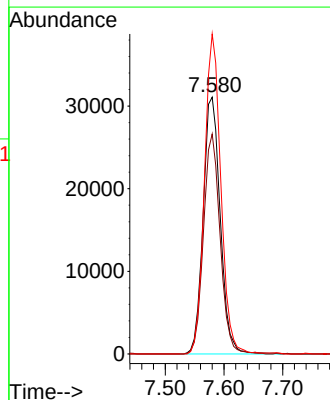
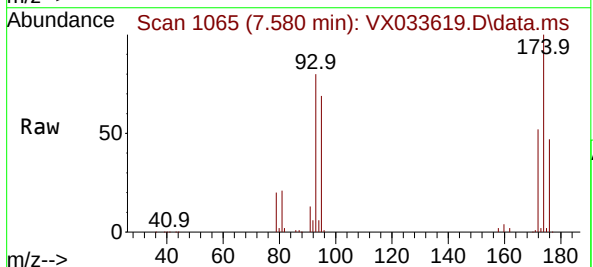
Tgt Ion: 93 Resp: 62916

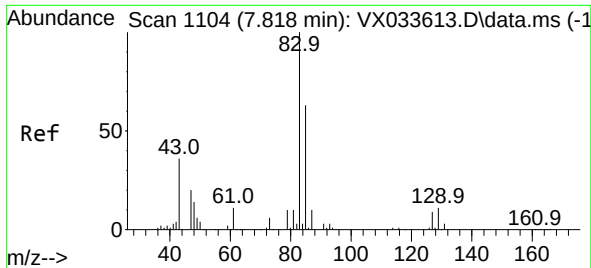
Ion Ratio Lower Upper

93 100

95 83.3 65.7 98.5

174 119.1 92.5 138.7





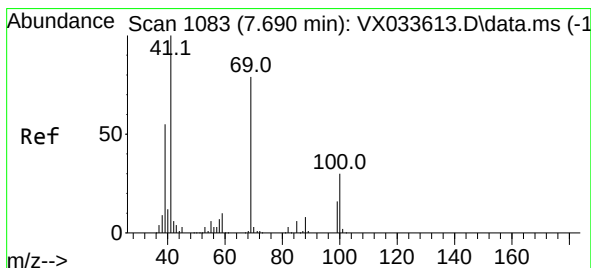
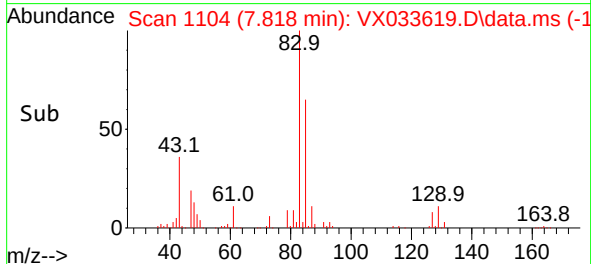
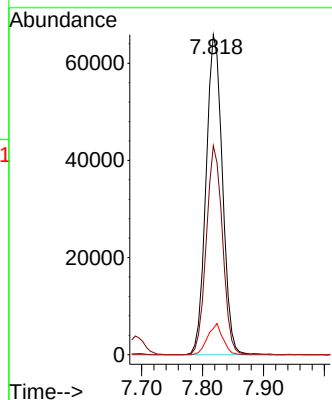
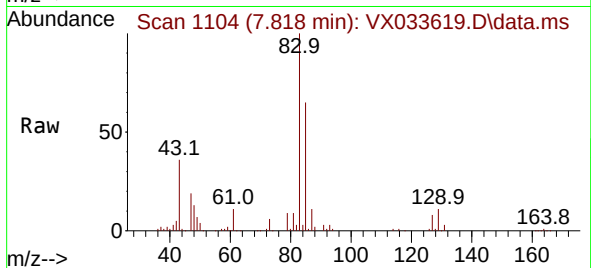
#47
Bromodichloromethane
Concen: 50.150 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 122895
Ion Ratio Lower Upper
83 100
85 65.3 50.6 76.0
127 8.1 7.3 10.9

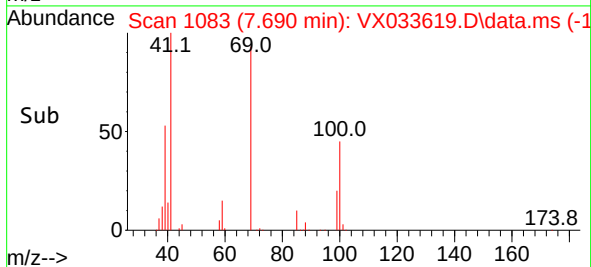
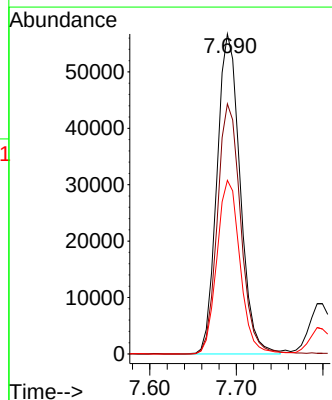
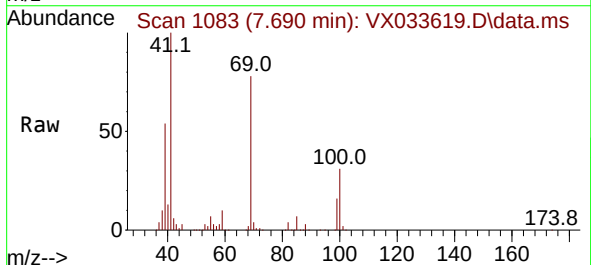
Manual Integrations
APPROVED

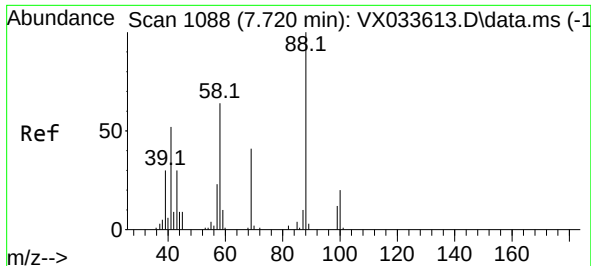
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#48
Methyl methacrylate
Concen: 50.773 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

Tgt Ion: 41 Resp: 105448
Ion Ratio Lower Upper
41 100
69 78.7 63.1 94.7
39 54.3 44.8 67.2





#49

1,4-Dioxane

Concen: 929.216 ug/l

RT: 7.738 min Scan# 1088

Delta R.T. 0.018 min

Lab File: VX033619.D

Acq: 06 Jan 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

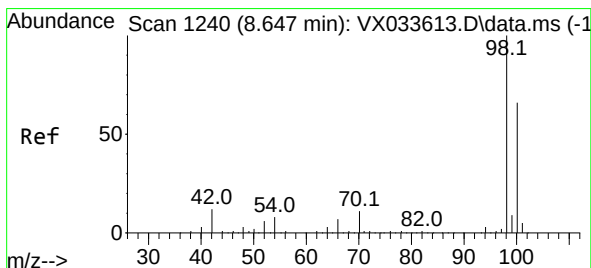
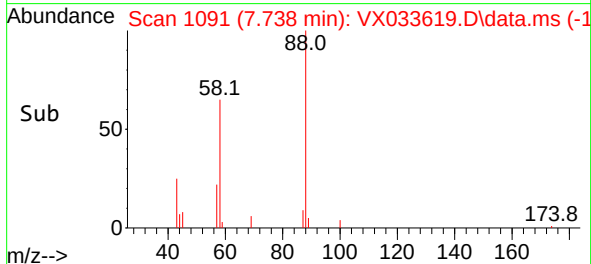
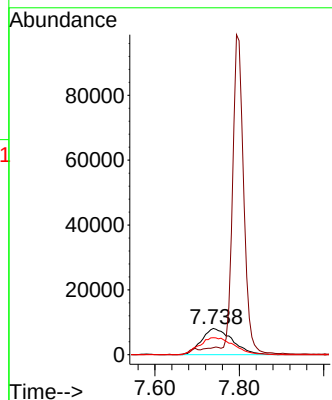
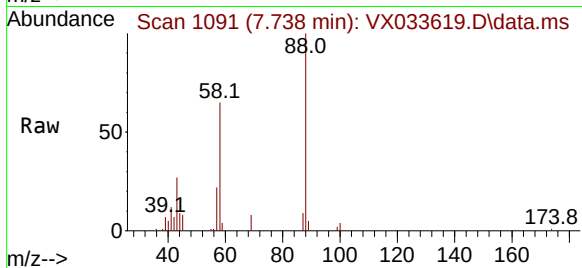
Tgt Ion: 88 Resp: 41048
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.1 36.1
 58 71.9 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#50

Toluene-d8

Concen: 49.900 ug/l

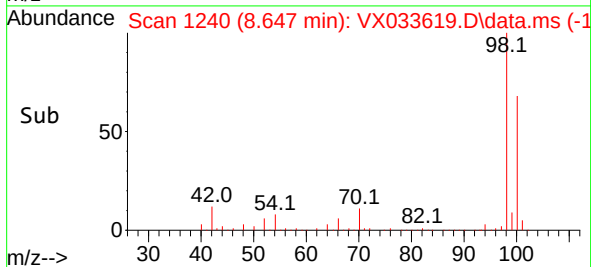
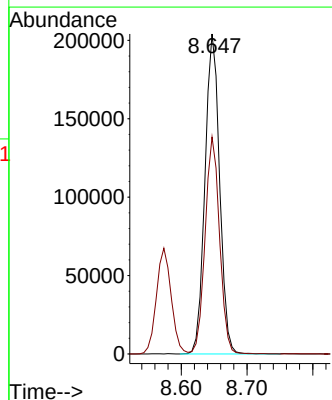
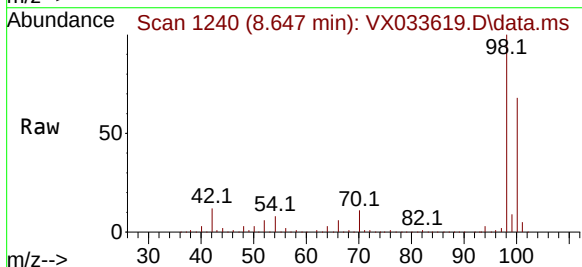
RT: 8.647 min Scan# 1240

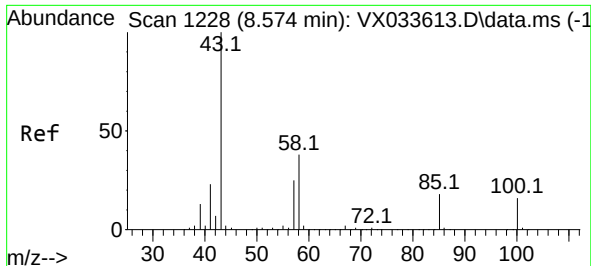
Delta R.T. -0.000 min

Lab File: VX033619.D

Acq: 06 Jan 2023 10:20

Tgt Ion: 98 Resp: 315975
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 245.401 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX033619.D

Acq: 06 Jan 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 63727

Ion Ratio Lower Upper

43 100

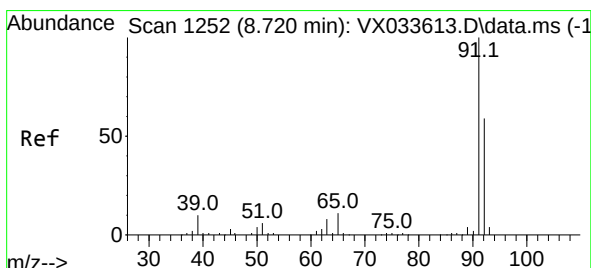
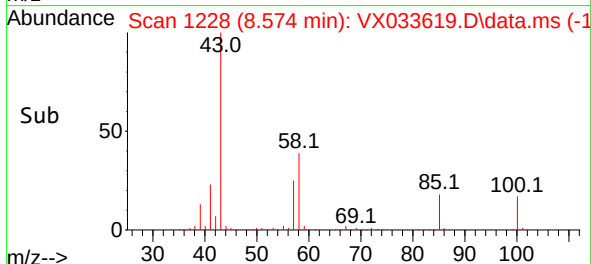
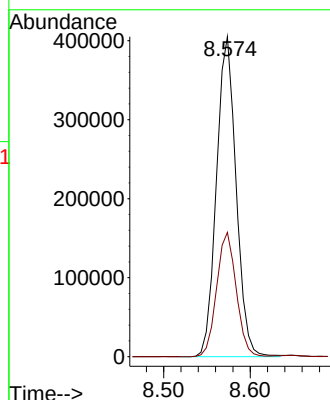
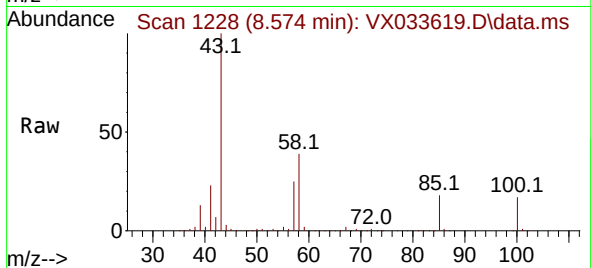
58 38.8 30.5 45.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#52

Toluene

Concen: 47.858 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX033619.D

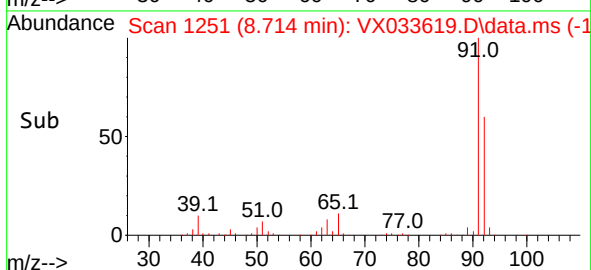
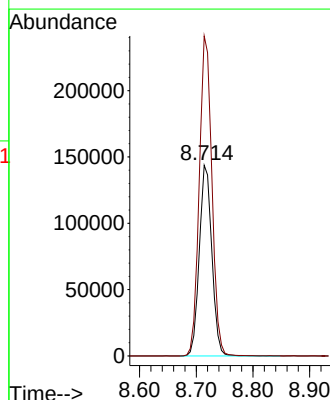
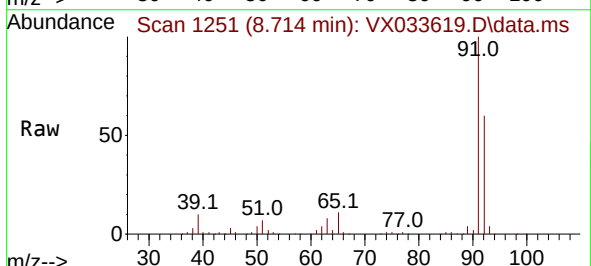
Acq: 06 Jan 2023 10:20

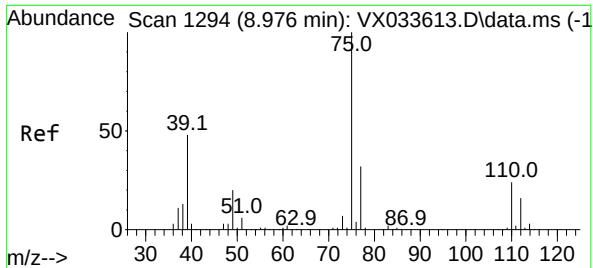
Tgt Ion: 92 Resp: 220686

Ion Ratio Lower Upper

92 100

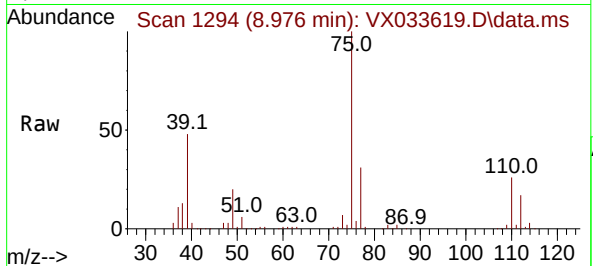
91 169.1 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 48.728 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

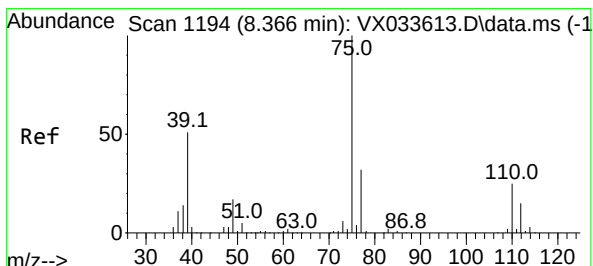
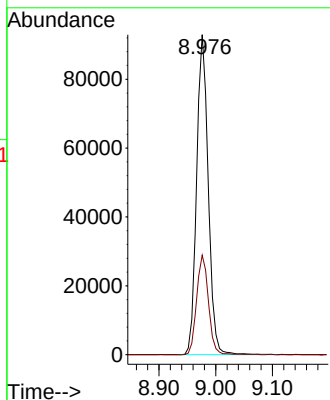
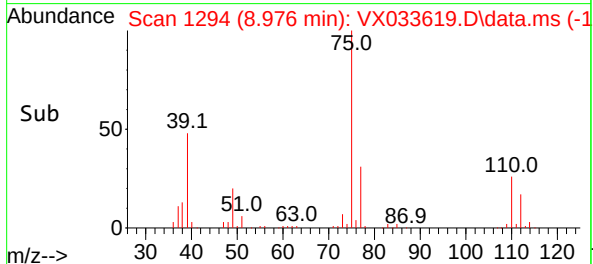
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



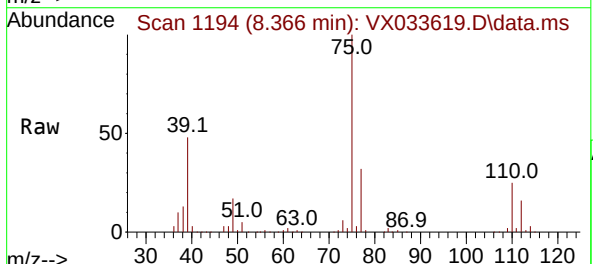
Tgt Ion: 75 Resp: 132070
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9

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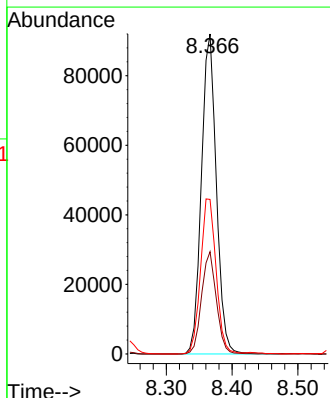
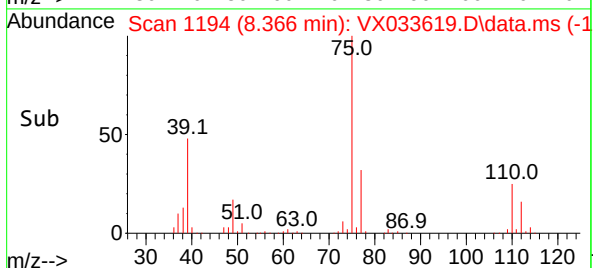
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

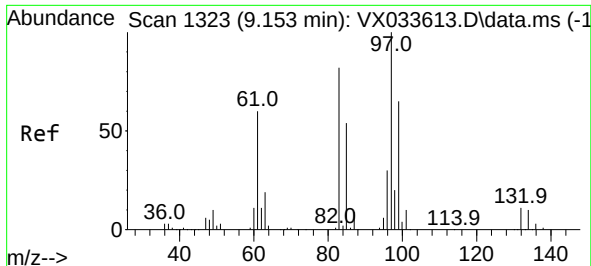


#54
cis-1,3-Dichloropropene
Concen: 53.623 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20



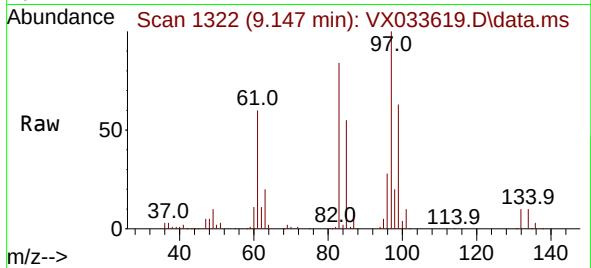
Tgt Ion: 75 Resp: 145459
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
39 48.3 40.6 61.0





#55
1,1,2-Trichloroethane
Concen: 51.278 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

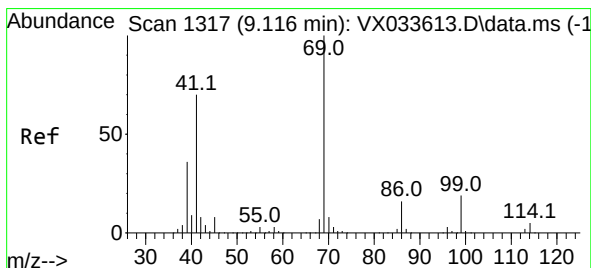
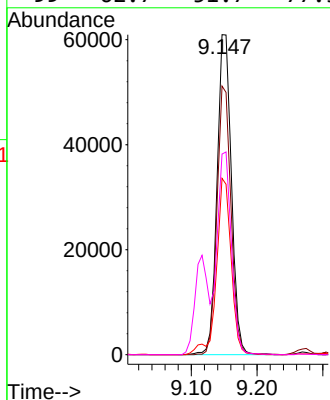
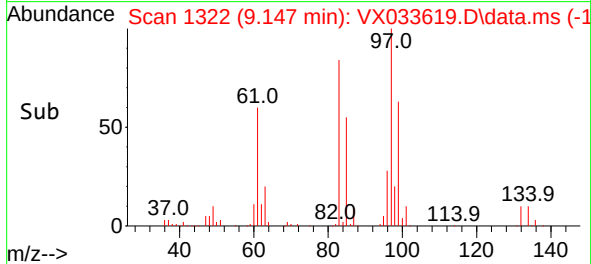


Tgt Ion: 97 Resp: 92618

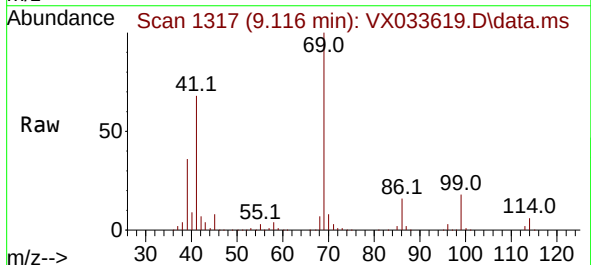
Ion	Ratio	Lower	Upper
97	100		
83	84.0	65.7	98.5
85	55.1	43.4	65.0
99	62.7	51.7	77.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

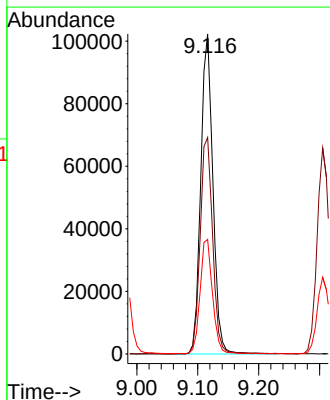
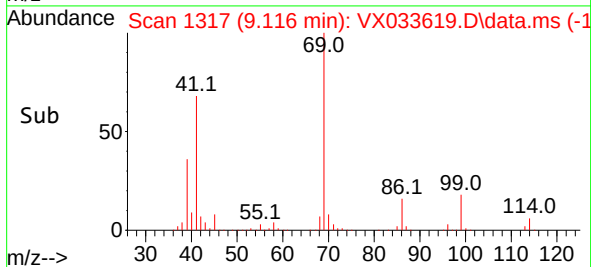


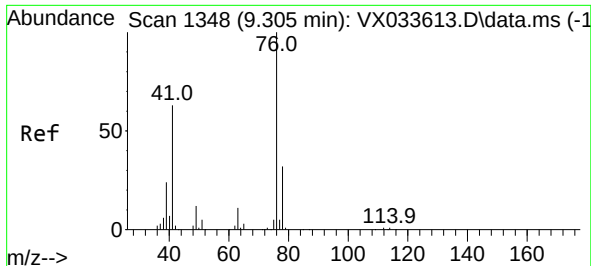
#56
Ethyl methacrylate
Concen: 52.554 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20



Tgt Ion: 69 Resp: 141711

Ion	Ratio	Lower	Upper
69	100		
41	69.8	56.6	84.8
39	36.7	29.4	44.0





#57

1,3-Dichloropropane

Concen: 49.453 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033619.D

Acq: 06 Jan 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 15282

Ion Ratio Lower Upper

76 100

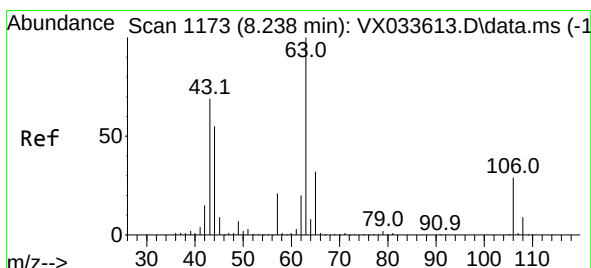
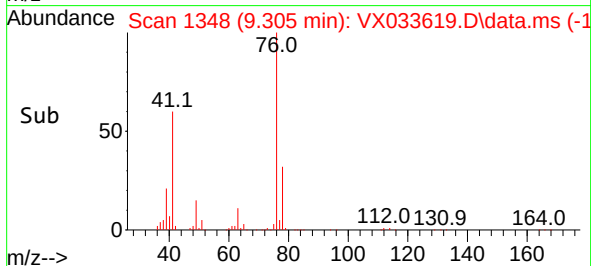
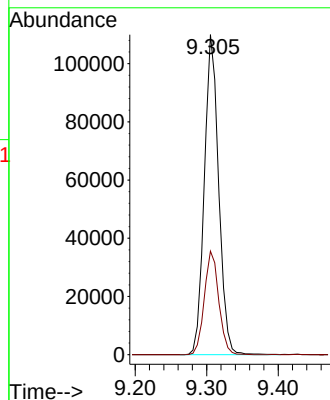
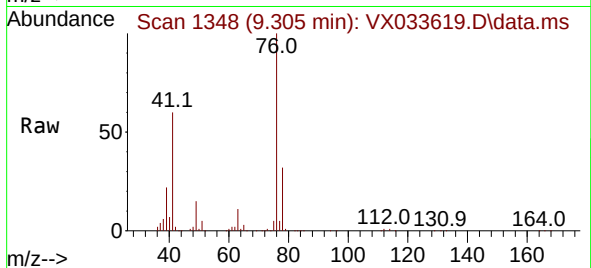
78 32.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#58

2-Chloroethyl Vinyl ether

Concen: 241.688 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX033619.D

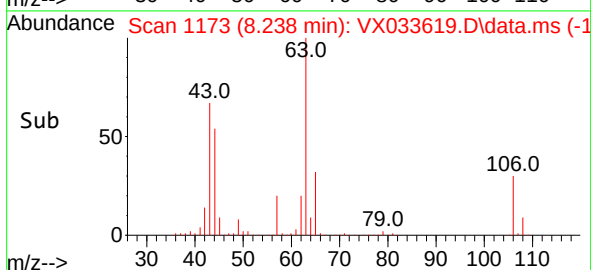
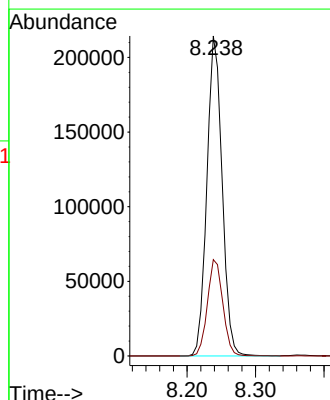
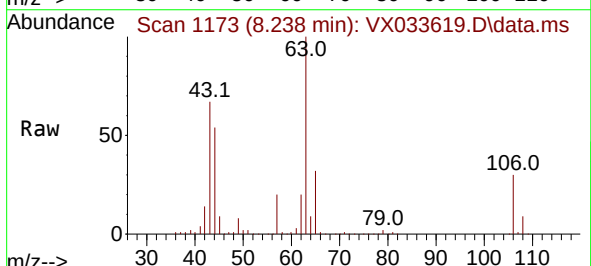
Acq: 06 Jan 2023 10:20

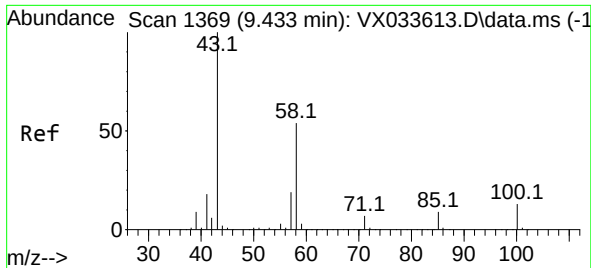
Tgt Ion: 63 Resp: 331506

Ion Ratio Lower Upper

63 100

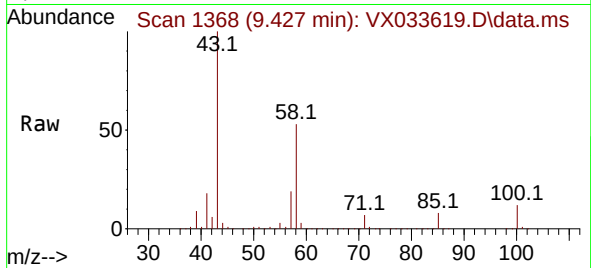
106 30.5 23.8 35.8





#59
2-Hexanone
Concen: 249.163 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

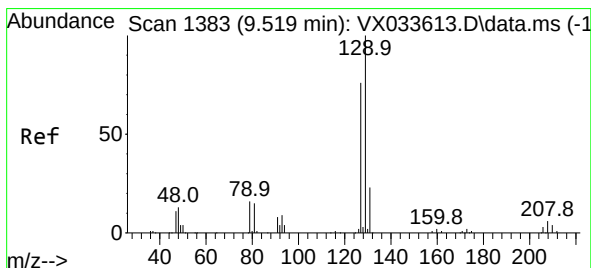
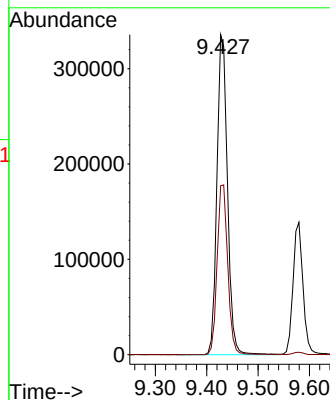
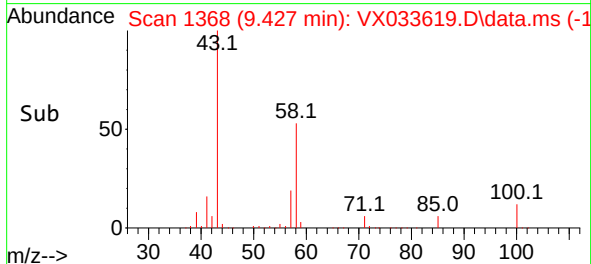
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 477980
Ion Ratio Lower Upper
43 100
58 53.5 26.6 79.8

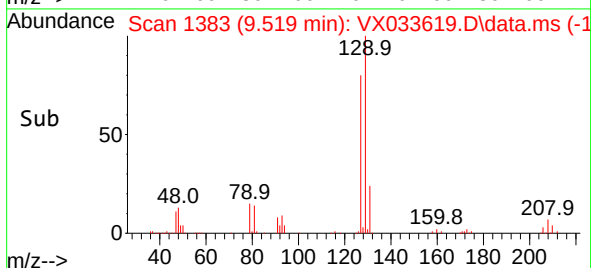
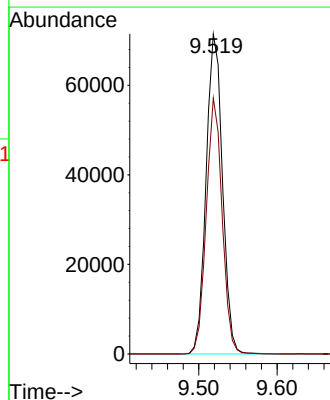
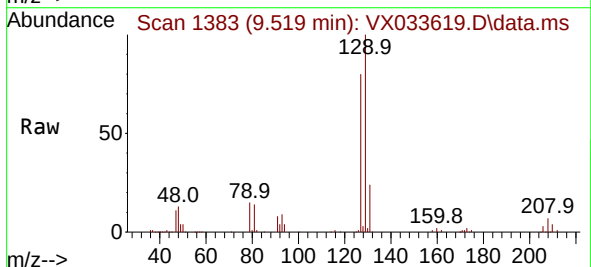
Manual Integrations
APPROVED

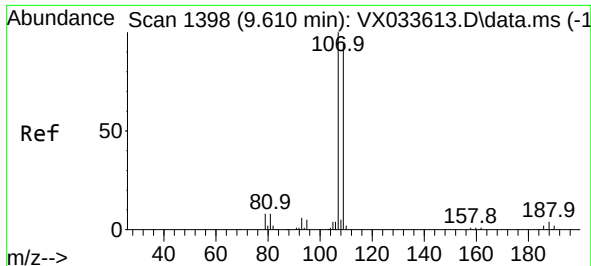
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#60
Dibromochloromethane
Concen: 52.364 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

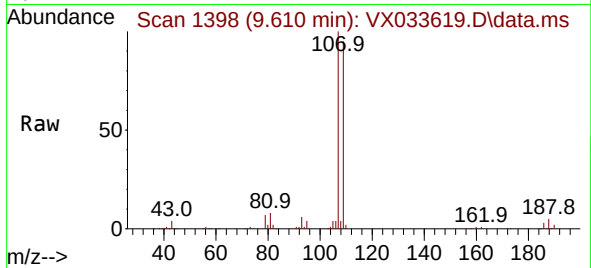
Tgt Ion:129 Resp: 103453
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





#61
1,2-Dibromoethane
Concen: 51.500 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

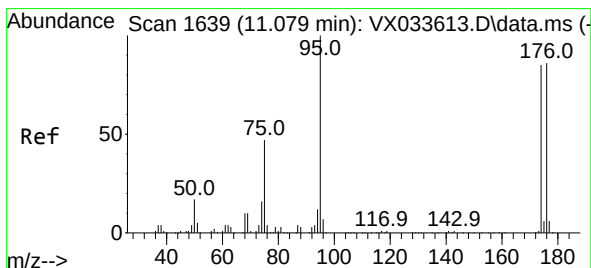
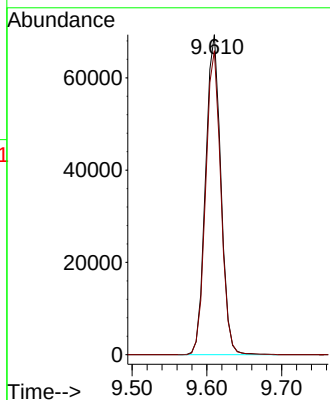
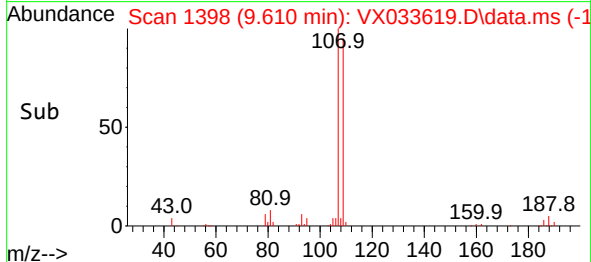
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



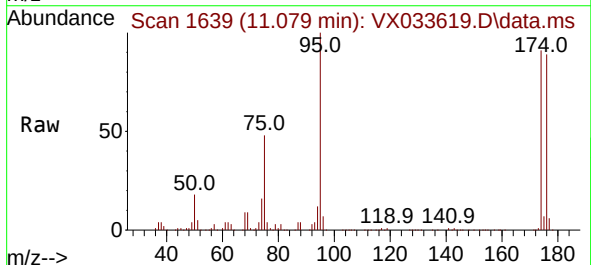
Tgt Ion:107 Resp: 98389
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2

Manual Integrations
APPROVED

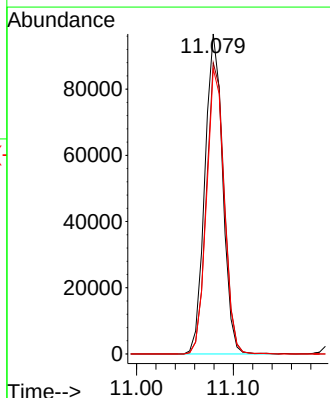
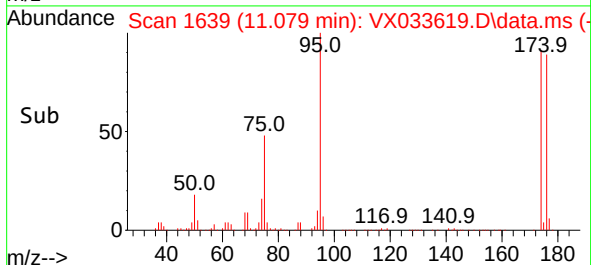
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

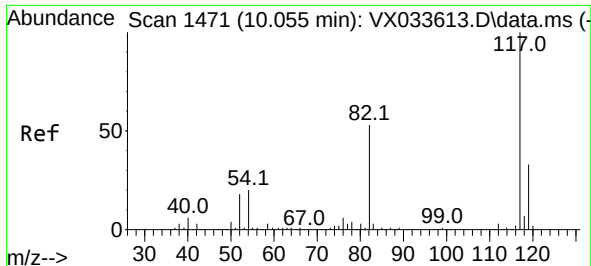


#62
4-Bromofluorobenzene
Concen: 55.192 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20



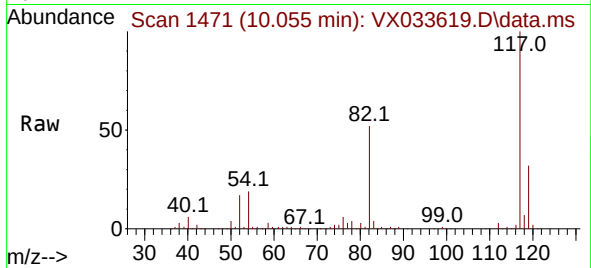
Tgt Ion: 95 Resp: 123877
Ion Ratio Lower Upper
95 100
174 91.3 0.0 180.4
176 88.5 0.0 176.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

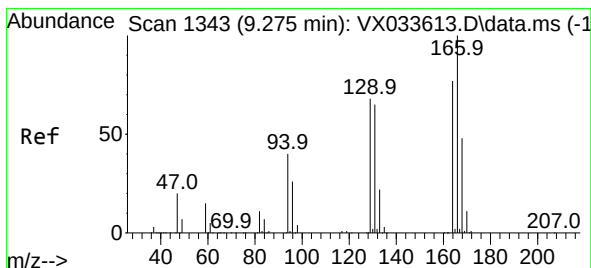
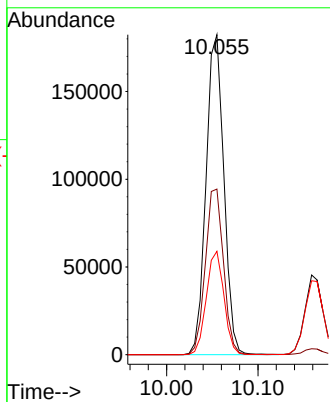
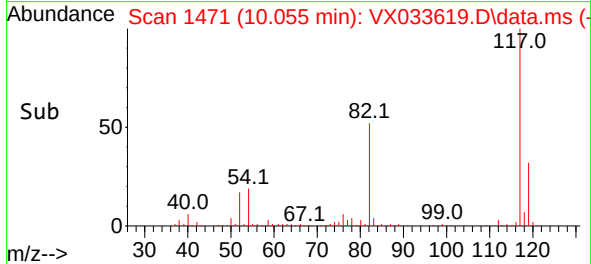
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 246629
Ion Ratio Lower Upper
117 100
82 51.8 42.2 63.2
119 32.3 26.2 39.4

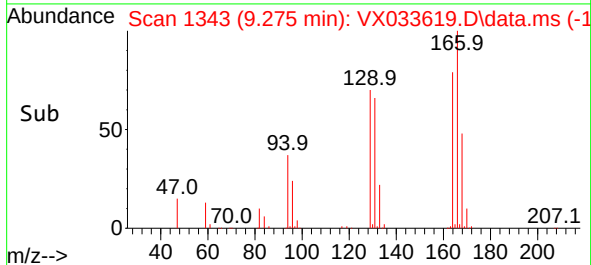
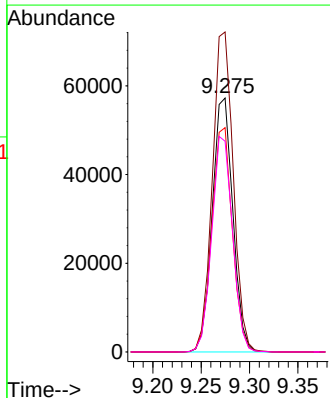
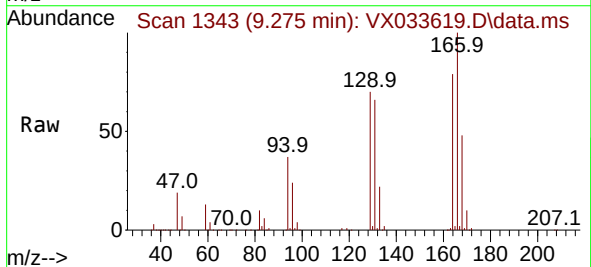
Manual Integrations
APPROVED

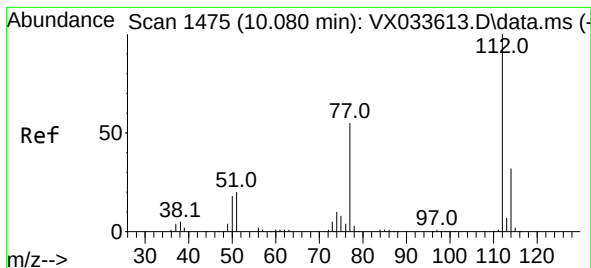
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#64
Tetrachloroethene
Concen: 46.672 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

Tgt Ion:164 Resp: 84711
Ion Ratio Lower Upper
164 100
166 126.0 103.4 155.0
129 88.4 70.0 105.0
131 83.0 67.3 100.9





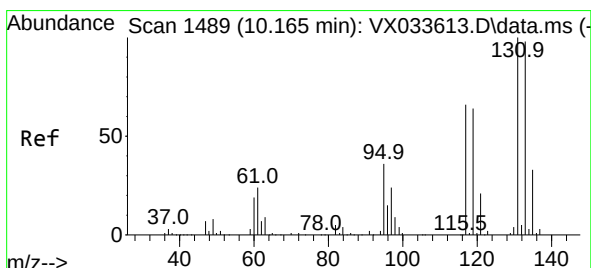
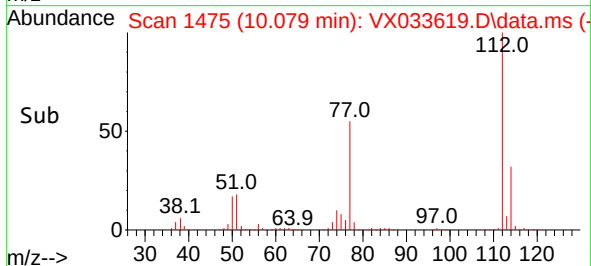
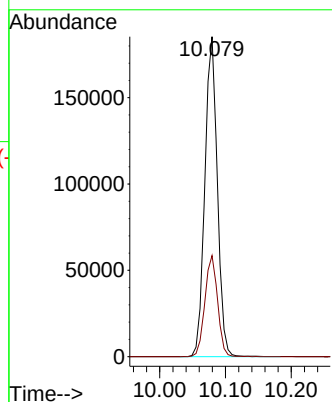
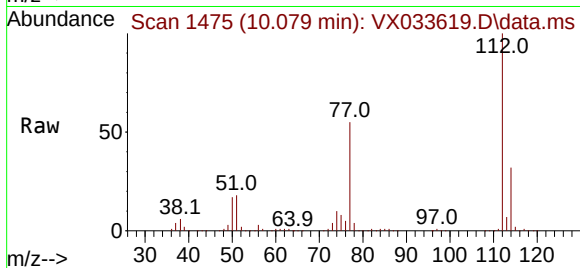
#65
Chlorobenzene
Concen: 48.483 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 244698
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6

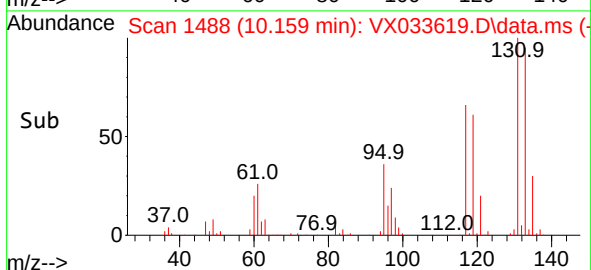
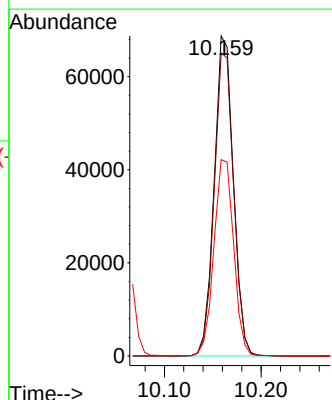
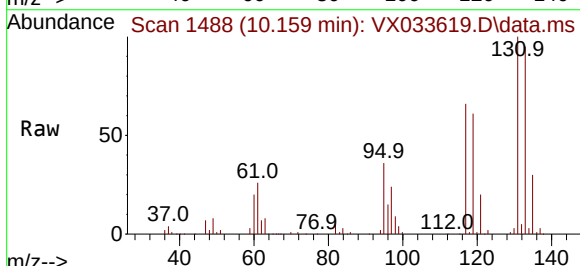
Manual Integrations
APPROVED

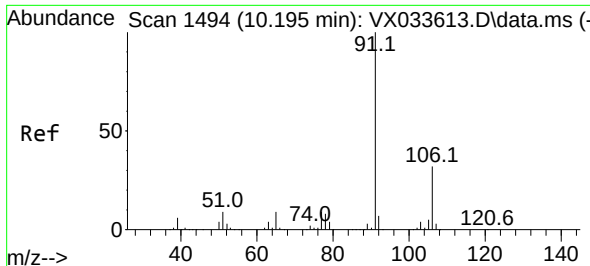
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.280 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

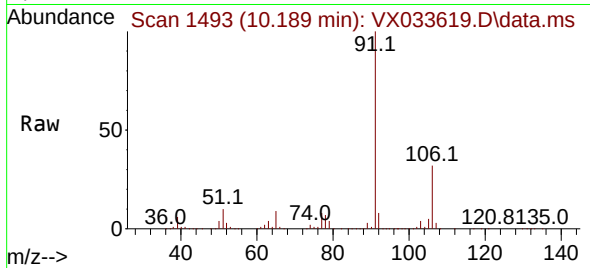
Tgt Ion:131 Resp: 94858
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.2
119 63.3 31.4 94.3





#67
Ethyl Benzene
Concen: 48.087 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

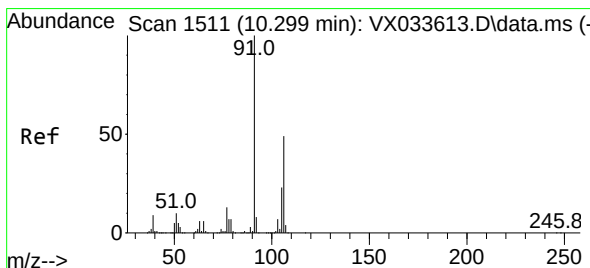
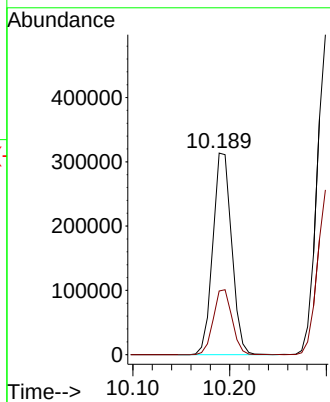
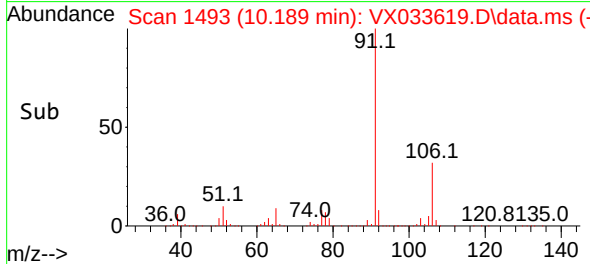
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



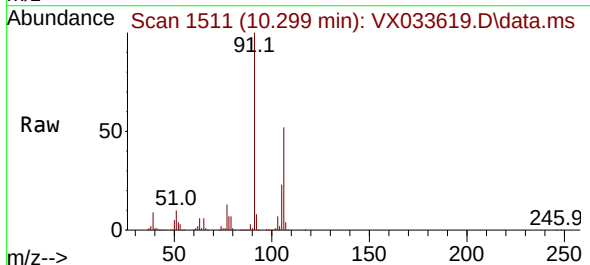
Tgt Ion: 91 Resp: 423638
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9

Manual Integrations
APPROVED

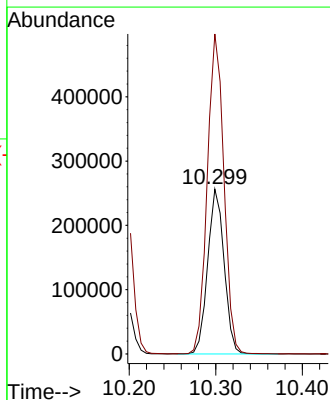
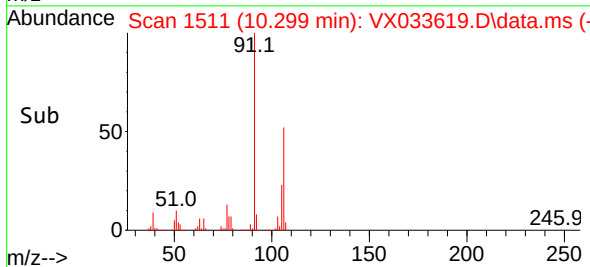
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

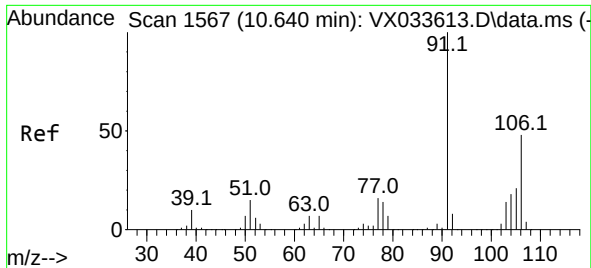


#68
m/p-Xylenes
Concen: 98.121 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20



Tgt Ion:106 Resp: 337348
Ion Ratio Lower Upper
106 100
91 196.4 159.6 239.4





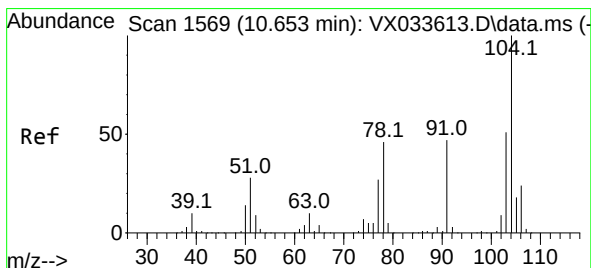
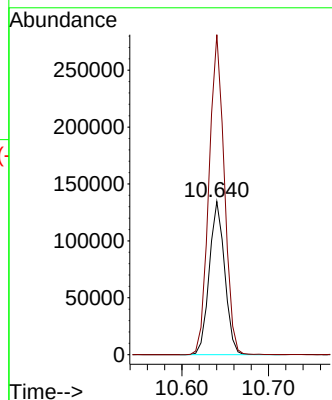
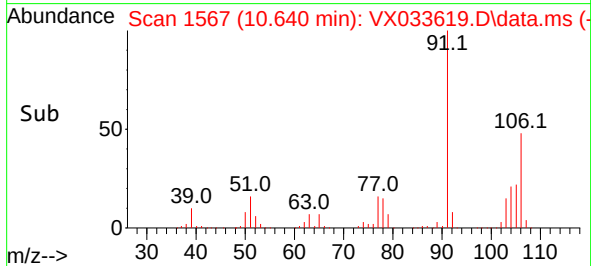
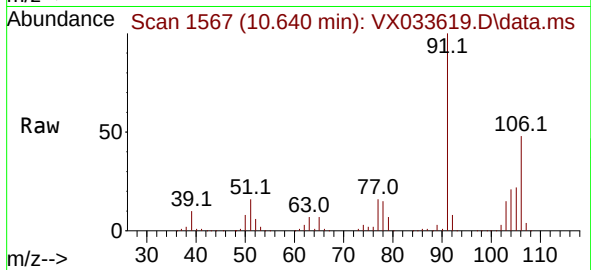
#69
o-Xylene
Concen: 48.728 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 166100
Ion Ratio Lower Upper
106 100
91 208.1 104.1 312.3

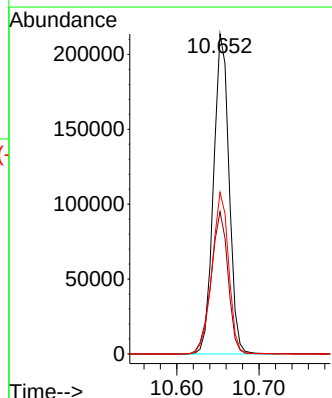
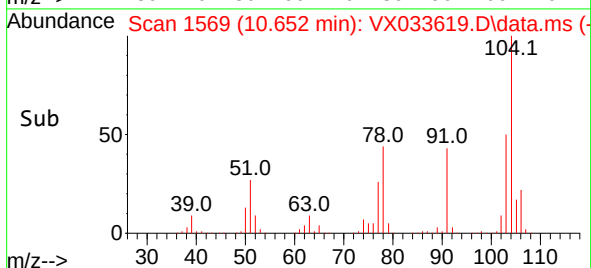
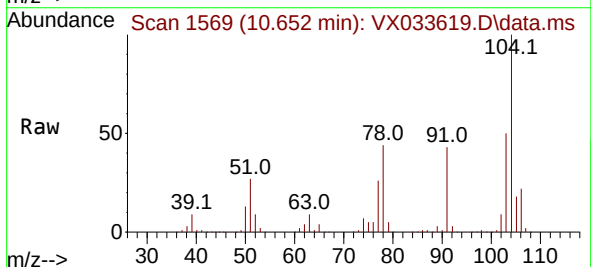
Manual Integrations
APPROVED

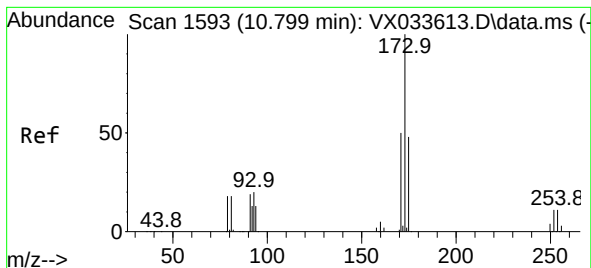
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#70
Styrene
Concen: 50.117 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

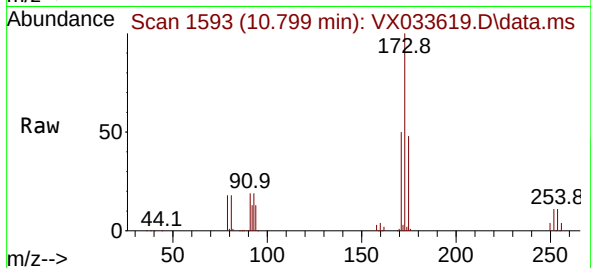
Tgt Ion:104 Resp: 280650
Ion Ratio Lower Upper
104 100
78 48.7 39.3 58.9
103 54.2 43.3 64.9





#71
Bromoform
Concen: 54.517 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

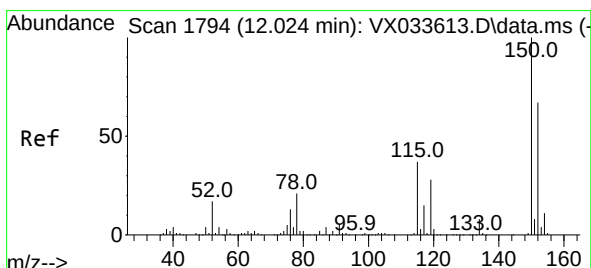
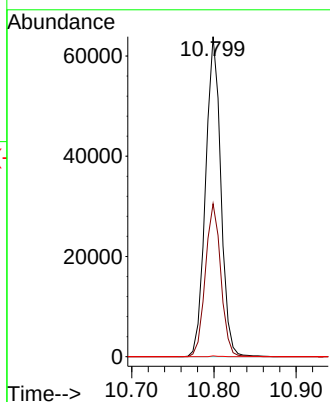
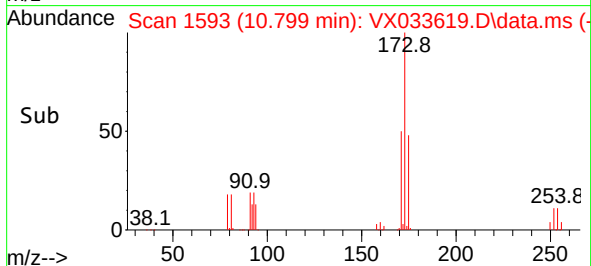
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



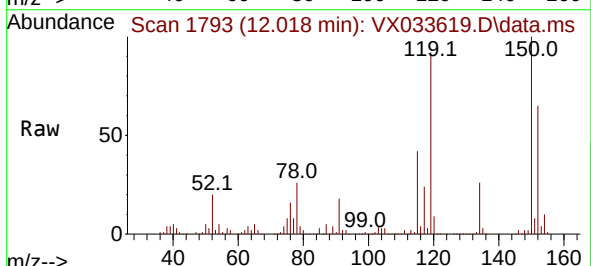
Tgt Ion:173 Resp: 82345
Ion Ratio Lower Upper
173 100
175 48.3 23.8 71.5
254 0.1 0.1 0.1

Manual Integrations
APPROVED

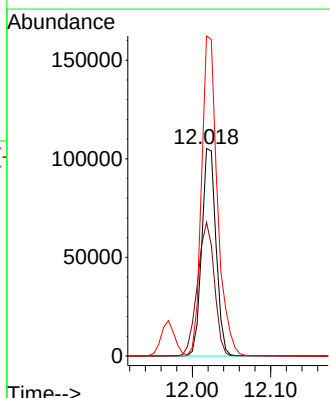
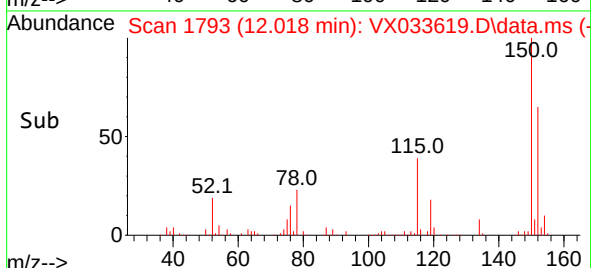
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

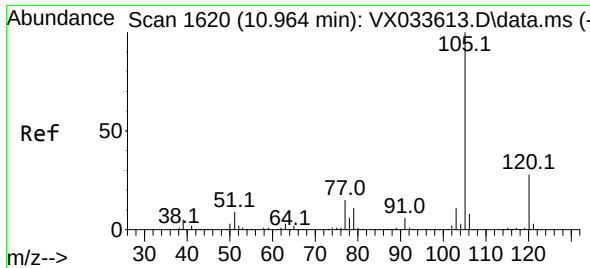


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20



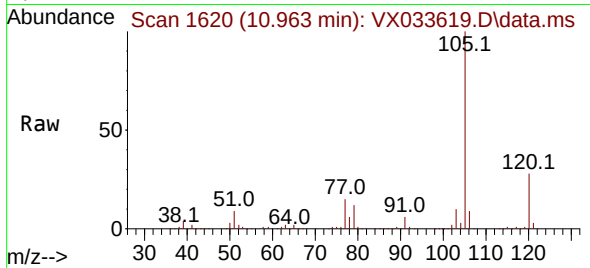
Tgt Ion:152 Resp: 133004
Ion Ratio Lower Upper
152 100
115 76.2 38.5 115.5
150 170.9 0.0 340.4





#73
Isopropylbenzene
Concen: 46.170 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

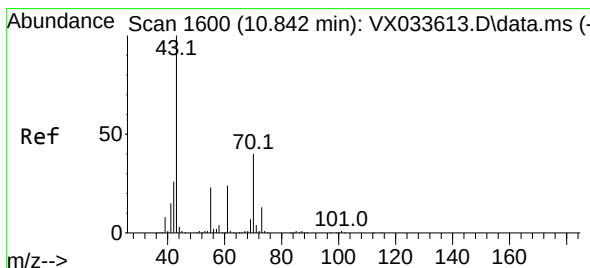
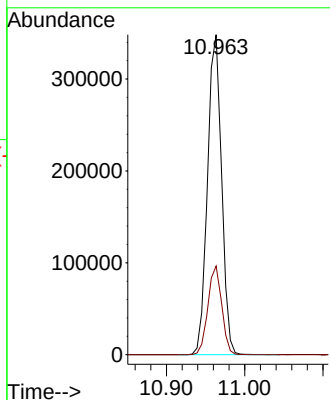
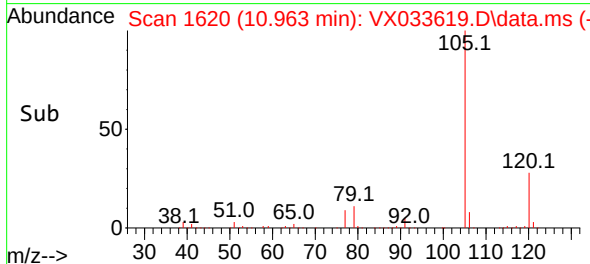
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



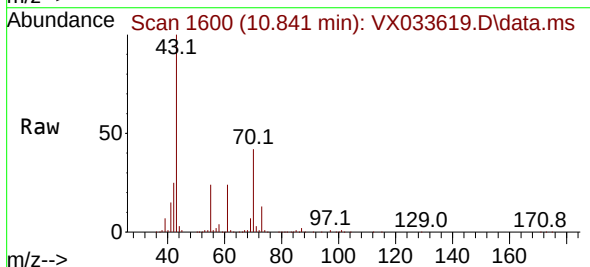
Tgt Ion:105 Resp: 43367
Ion Ratio Lower Upper
105 100
120 27.2 13.7 41.0

Manual Integrations
APPROVED

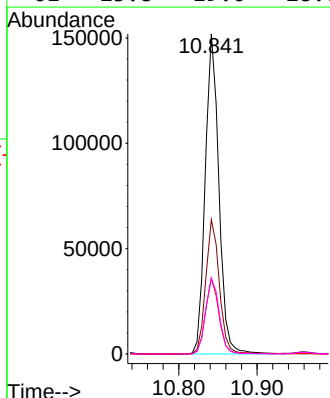
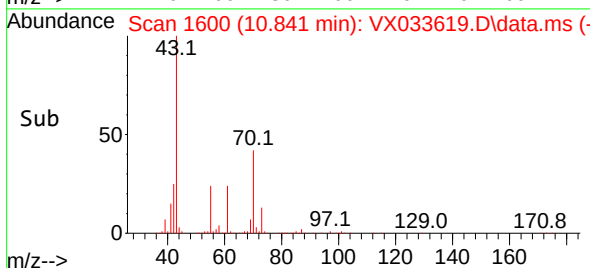
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

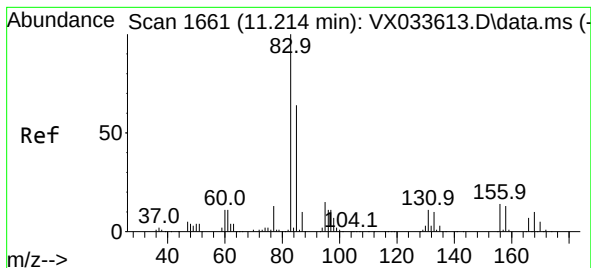


#74
N-ethyl acetate
Concen: 48.180 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20



Tgt Ion: 43 Resp: 183374
Ion Ratio Lower Upper
43 100
70 42.0 33.4 50.0
55 23.4 18.6 27.8
61 23.8 19.0 28.6





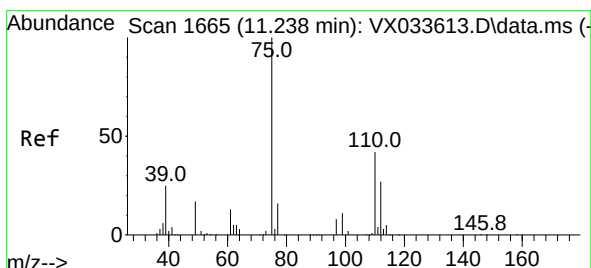
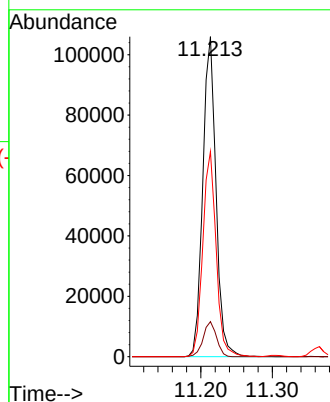
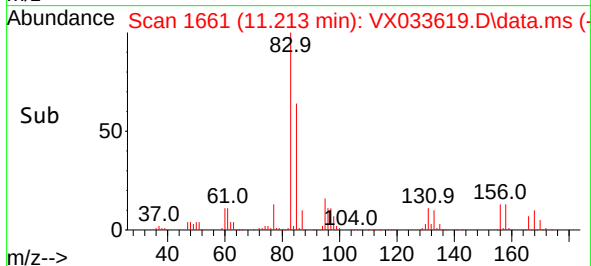
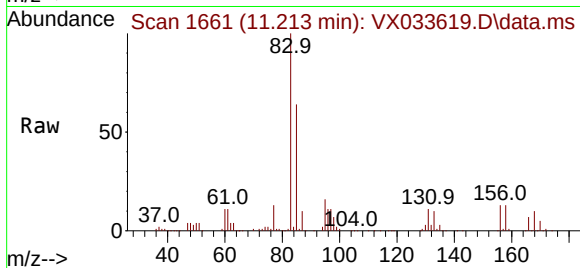
#75
1,1,2,2-Tetrachloroethane
Concen: 46.469 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 13604
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.5
85 64.7 32.1 96.5

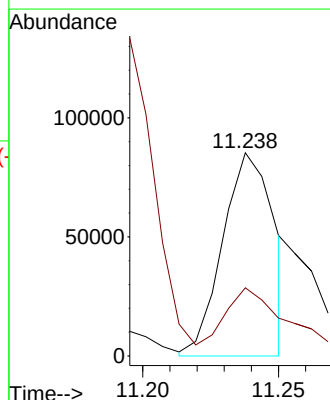
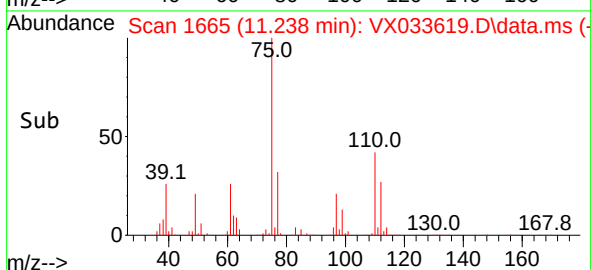
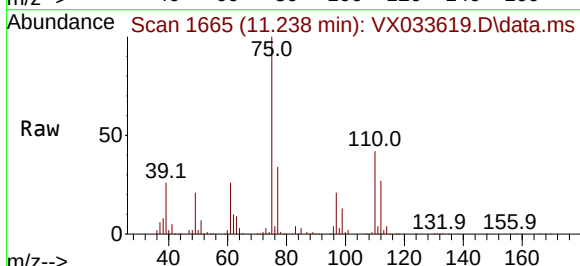
Manual Integrations
APPROVED

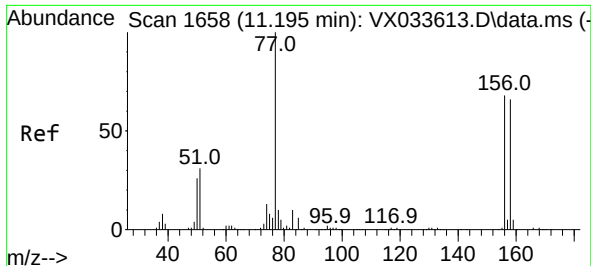
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#76
1,2,3-Trichloropropane
Concen: 45.893 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

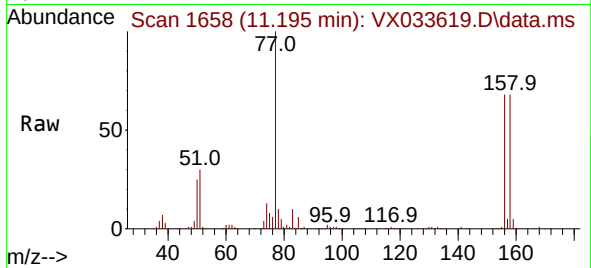
Tgt Ion: 75 Resp: 111825
Ion Ratio Lower Upper
75 100
77 42.6 21.3 63.9





#77
Bromobenzene
Concen: 47.087 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

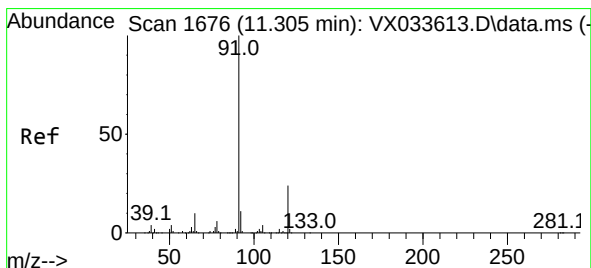
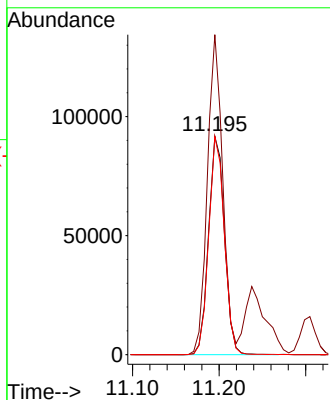
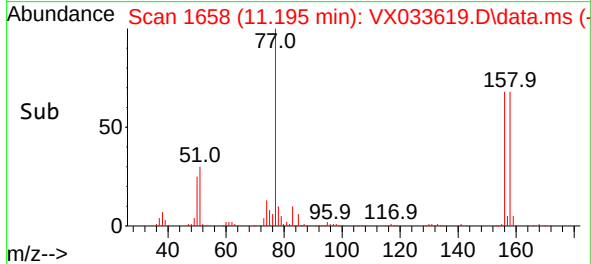
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



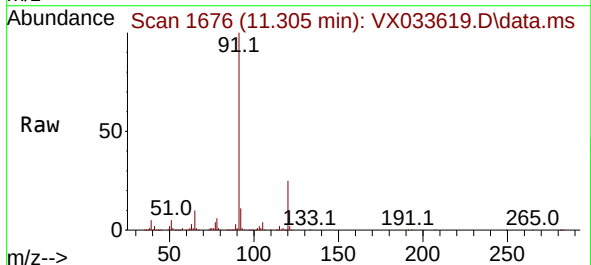
Tgt Ion:156 Resp: 117079
Ion Ratio Lower Upper
156 100
77 141.2 70.9 212.6
158 98.1 48.3 144.9

Manual Integrations
APPROVED

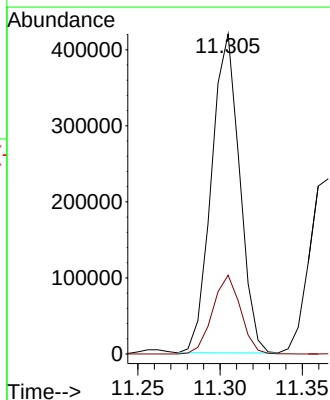
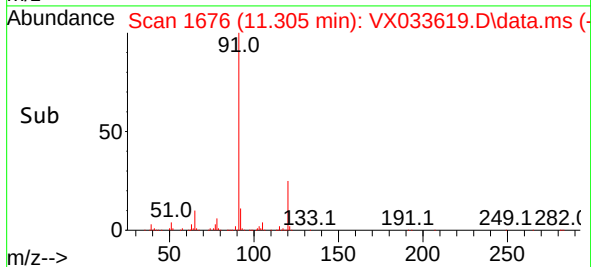
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

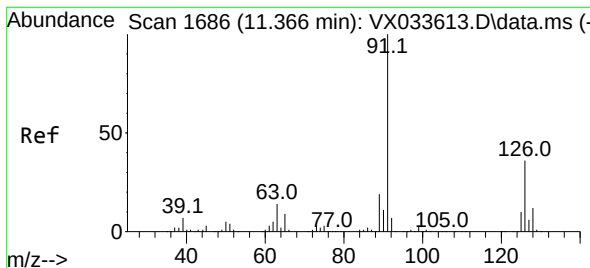


#78
n-propylbenzene
Concen: 46.882 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20



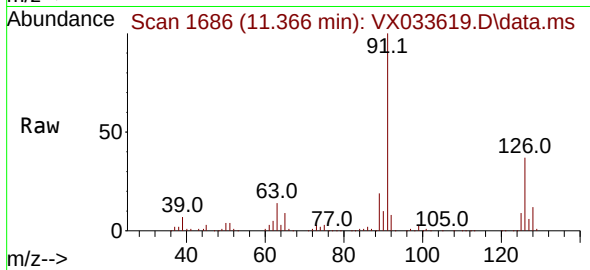
Tgt Ion: 91 Resp: 499239
Ion Ratio Lower Upper
91 100
120 24.4 12.2 36.6





#79
2-Chlorotoluene
Concen: 46.225 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

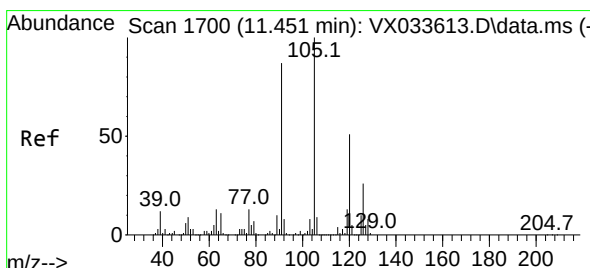
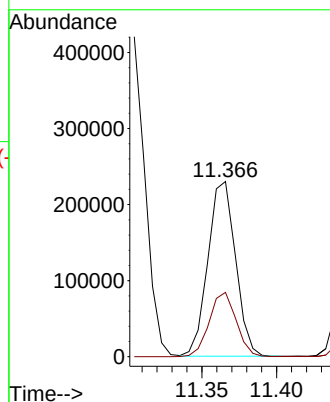
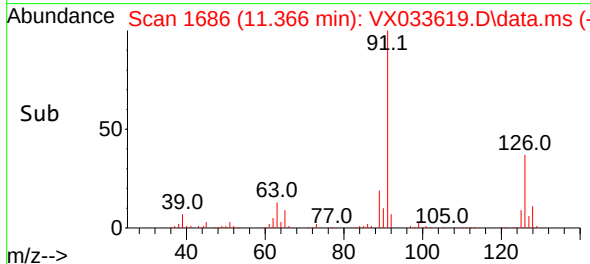
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



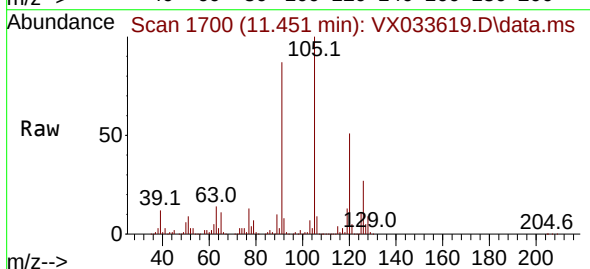
Tgt Ion: 91 Resp: 29563
Ion Ratio Lower Upper
91 100
126 35.9 17.6 52.9

Manual Integrations
APPROVED

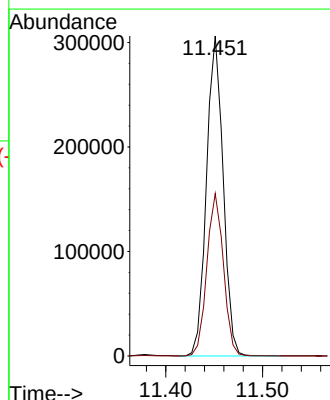
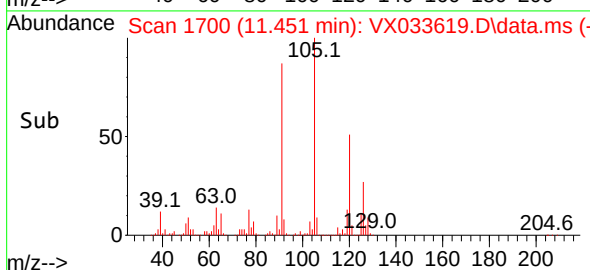
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

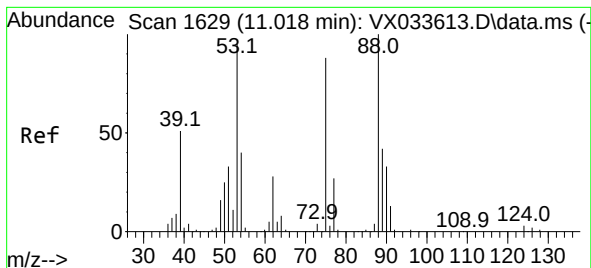


#80
1,3,5-Trimethylbenzene
Concen: 47.502 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20



Tgt Ion:105 Resp: 367344
Ion Ratio Lower Upper
105 100
120 50.5 25.5 76.5





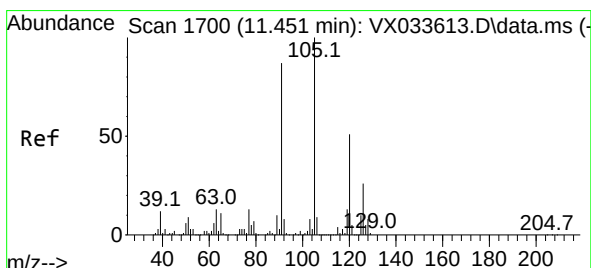
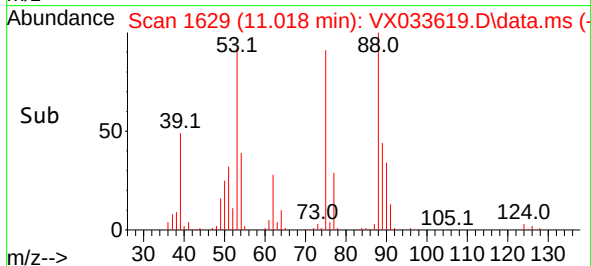
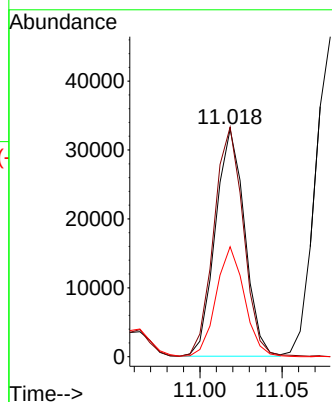
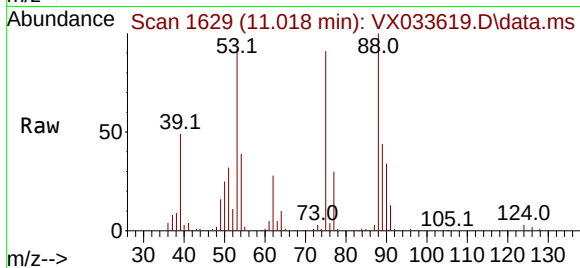
#81
trans-1,4-Dichloro-2-butene
Concen: 50.838 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 40814
Ion Ratio Lower Upper
75 100
53 102.7 86.4 129.6
89 46.9 37.4 56.2

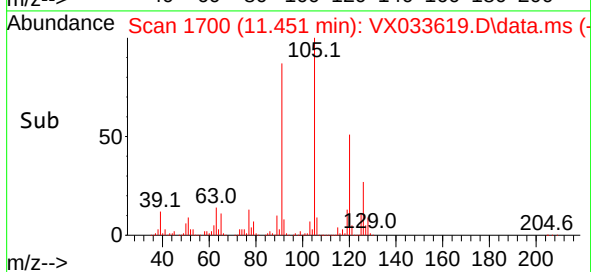
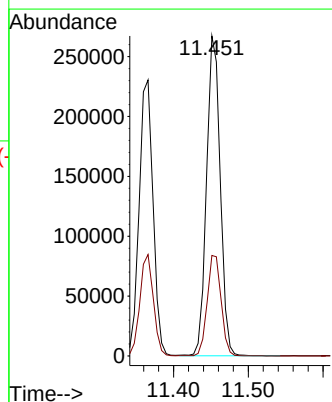
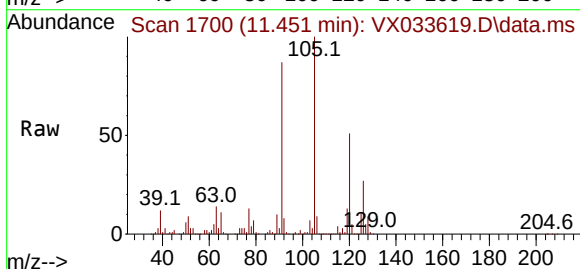
Manual Integrations
APPROVED

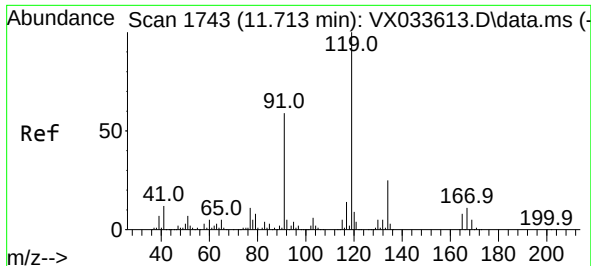
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#82
4-Chlorotoluene
Concen: 45.846 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

Tgt Ion: 91 Resp: 339011
Ion Ratio Lower Upper
91 100
126 32.1 15.7 47.0





#83

tert-Butylbenzene

Concen: 46.760 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX033619.D

Acq: 06 Jan 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 377272

Ion Ratio Lower Upper

119 100

91 54.9 27.9 83.6

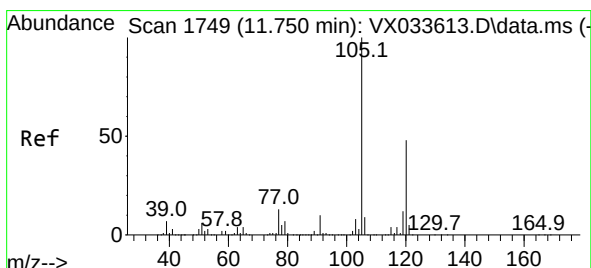
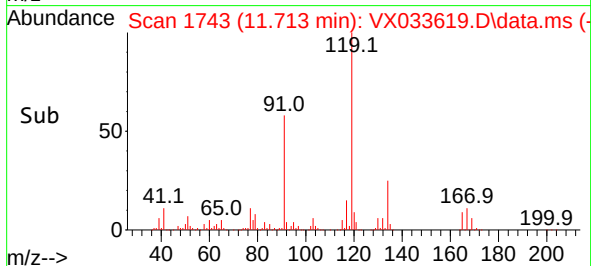
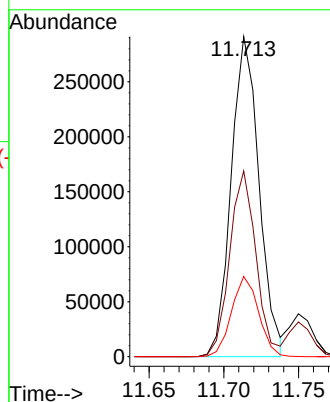
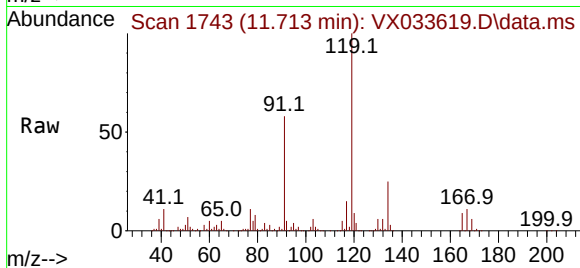
134 24.4 12.2 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#84

1,2,4-Trimethylbenzene

Concen: 47.000 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX033619.D

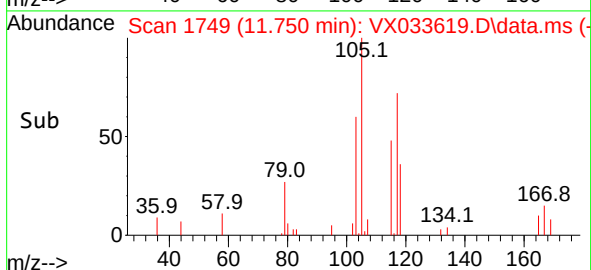
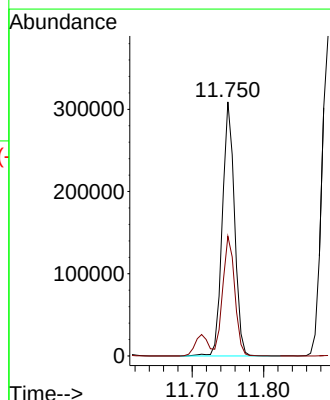
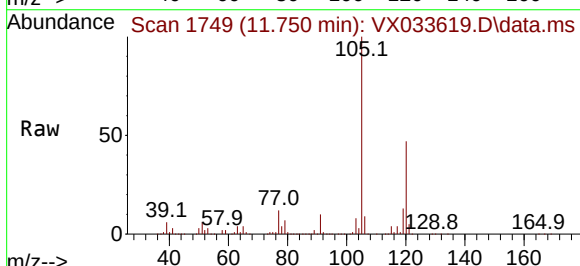
Acq: 06 Jan 2023 10:20

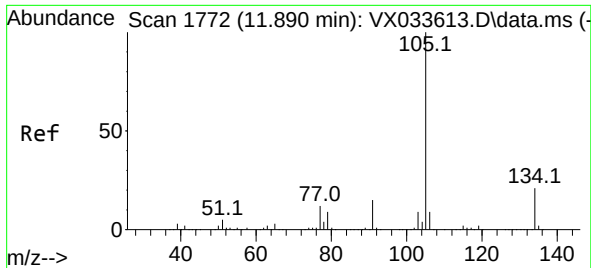
Tgt Ion:105 Resp: 364708

Ion Ratio Lower Upper

105 100

120 46.6 23.4 70.0





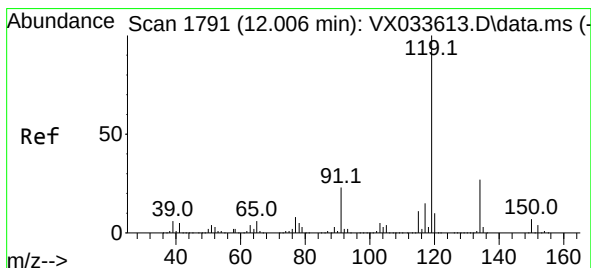
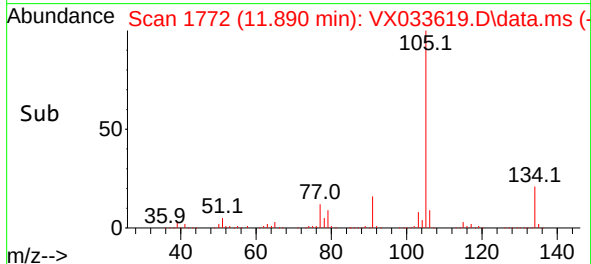
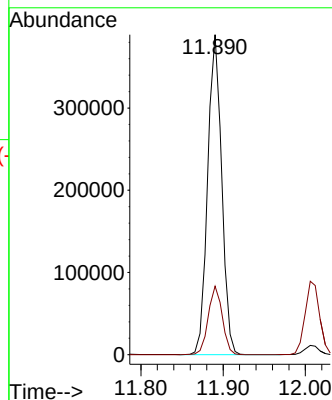
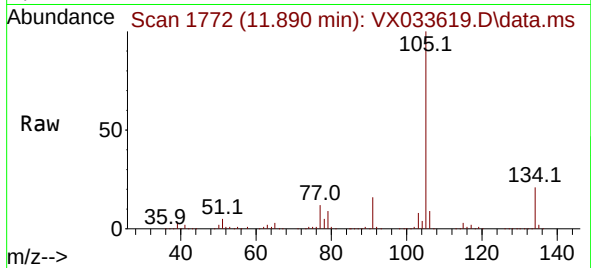
#85
 sec-Butylbenzene
 Concen: 48.294 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033619.D
 Acq: 06 Jan 2023 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 46035
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.8 32.4

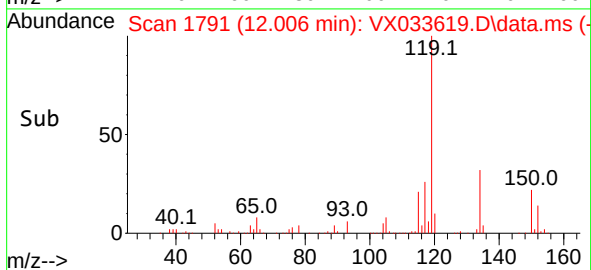
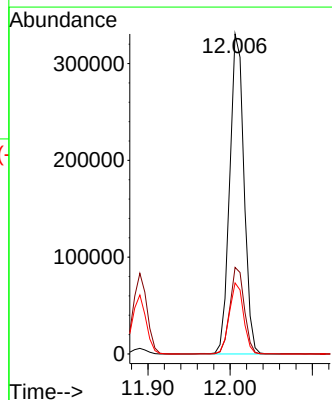
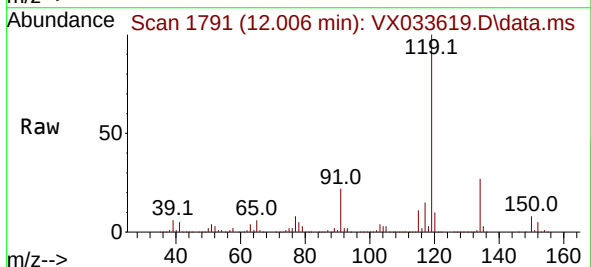
Manual Integrations
 APPROVED

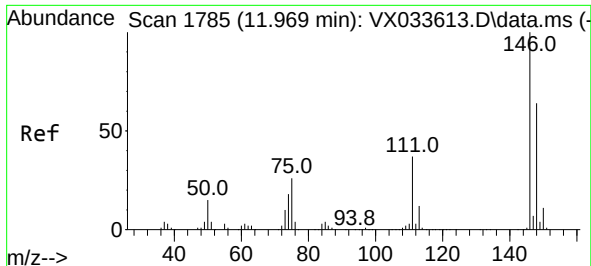
Reviewed By :John Carlone 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023



#86
 p-Isopropyltoluene
 Concen: 49.152 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033619.D
 Acq: 06 Jan 2023 10:20

Tgt Ion:119 Resp: 400370
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.4 40.2
 91 22.2 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 48.026 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033619.D

Acq: 06 Jan 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 214920

Ion Ratio Lower Upper

146 100

111 37.4 18.9 56.5

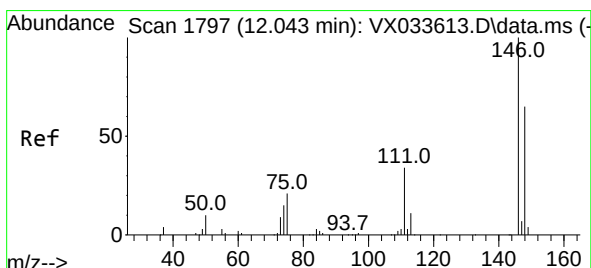
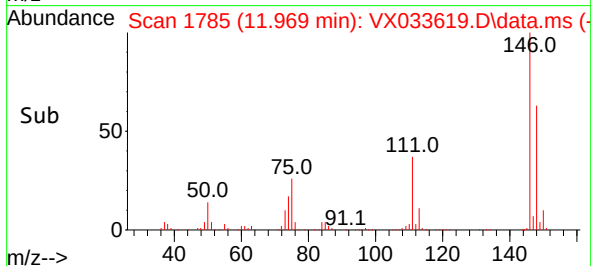
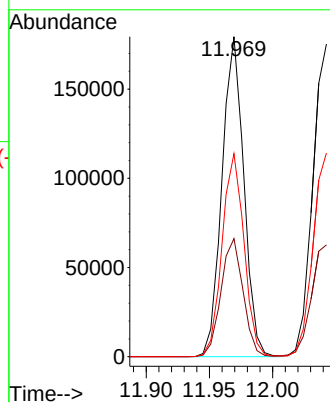
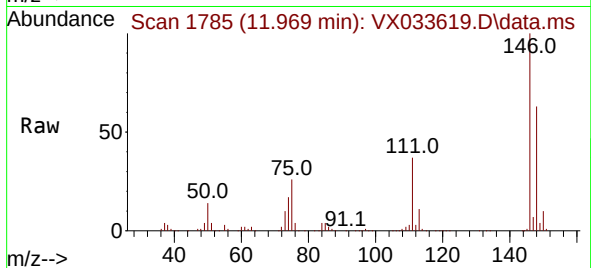
148 63.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#88

1,4-Dichlorobenzene

Concen: 48.580 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX033619.D

Acq: 06 Jan 2023 10:20

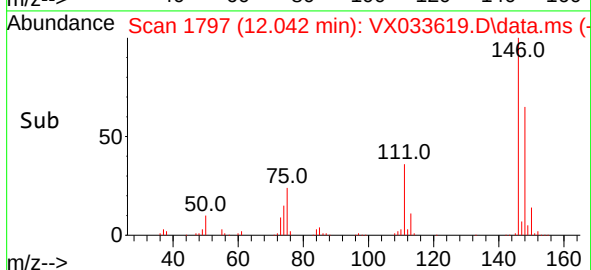
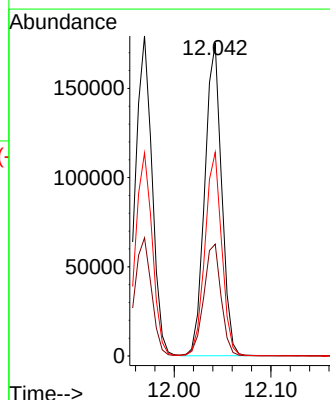
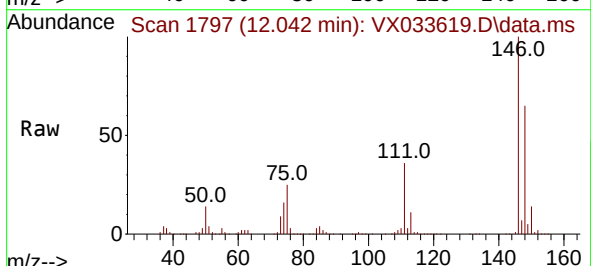
Tgt Ion:146 Resp: 212674

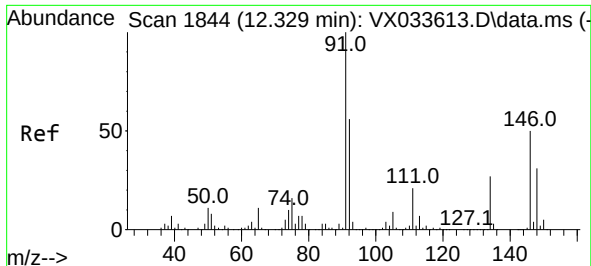
Ion Ratio Lower Upper

146 100

111 36.9 18.2 54.6

148 64.8 32.2 96.6





#89

n-Butylbenzene

Concen: 49.273 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX033619.D

Acq: 06 Jan 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 335634

Ion Ratio Lower Upper

91 100

92 54.6 27.6 82.7

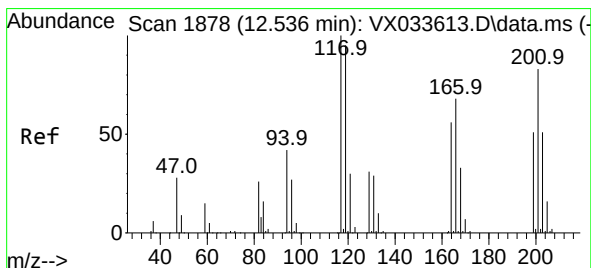
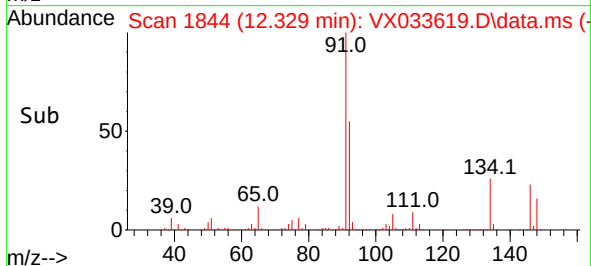
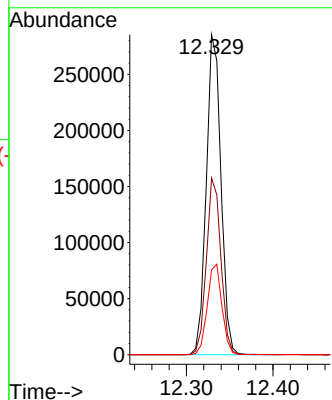
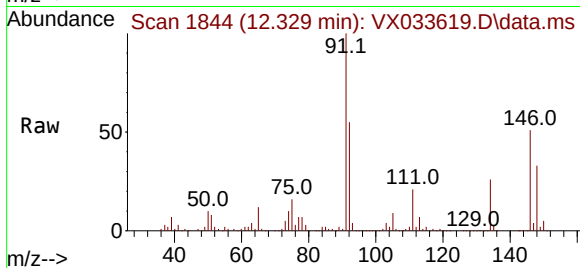
134 28.3 14.1 42.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#90

Hexachloroethane

Concen: 49.904 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX033619.D

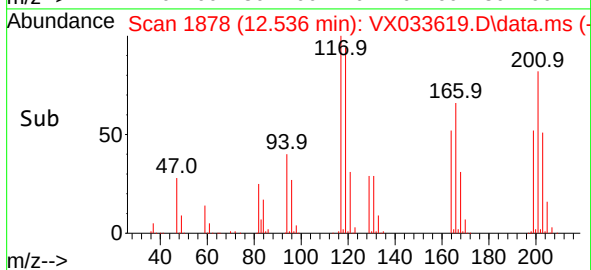
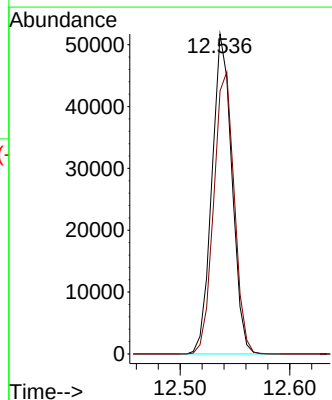
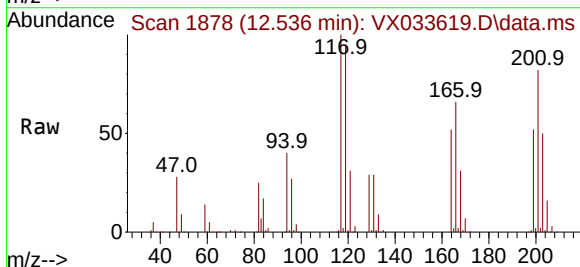
Acq: 06 Jan 2023 10:20

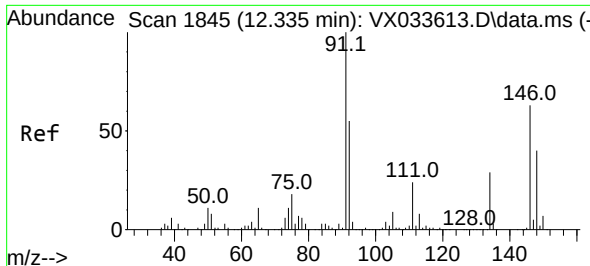
Tgt Ion:117 Resp: 65580

Ion Ratio Lower Upper

117 100

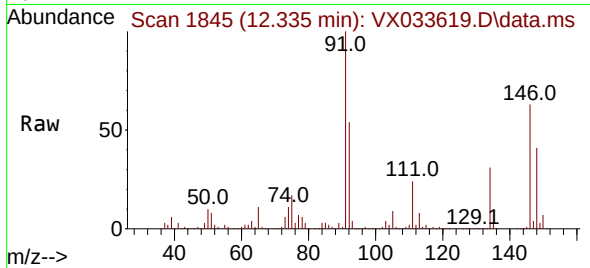
201 90.2 45.6 136.7





#91
1,2-Dichlorobenzene
Concen: 48.546 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

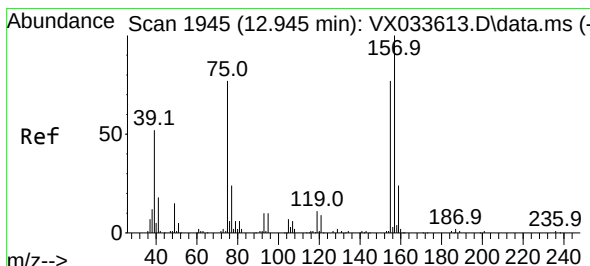
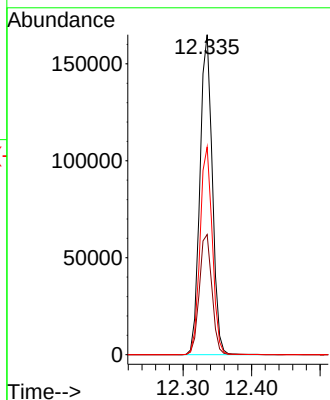
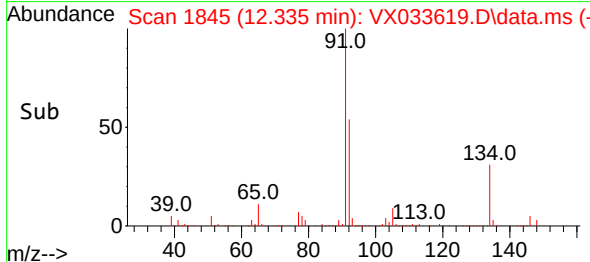
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



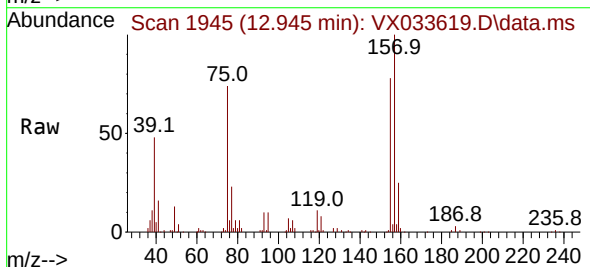
Tgt Ion:146 Resp: 207589
Ion Ratio Lower Upper
146 100
111 38.2 19.7 59.0
148 64.5 32.1 96.5

Manual Integrations
APPROVED

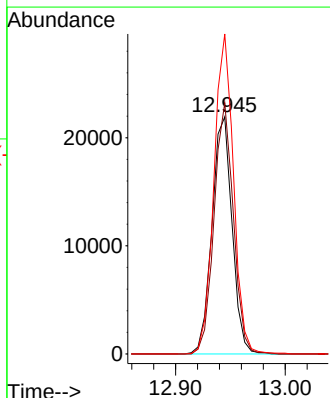
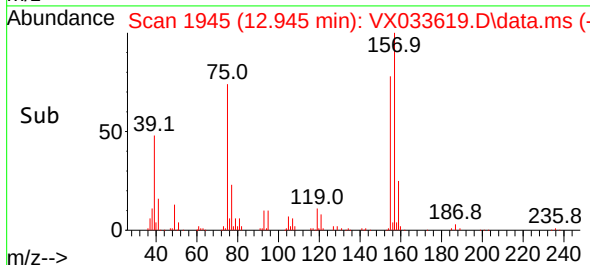
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

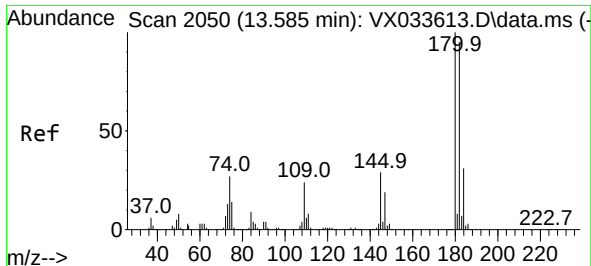


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.336 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20



Tgt Ion: 75 Resp: 27946
Ion Ratio Lower Upper
75 100
155 101.9 48.4 145.0
157 131.2 62.7 188.2





#93
1,2,4-Trichlorobenzene
Concen: 49.867 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

Instrument :

MSVOA_X

ClientSampleId :

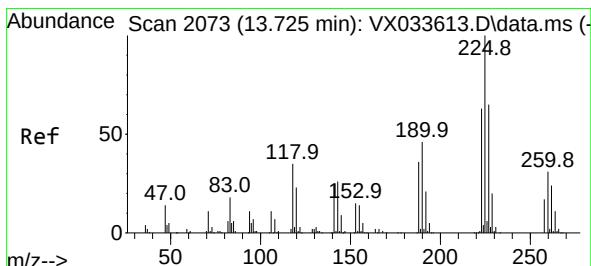
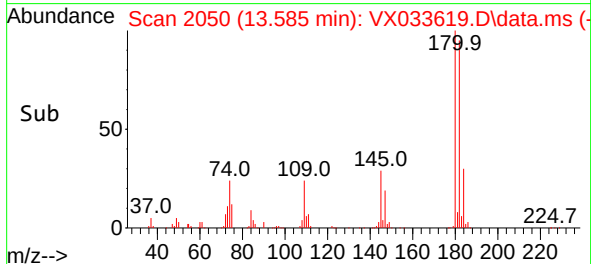
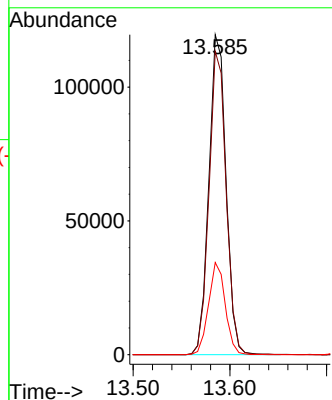
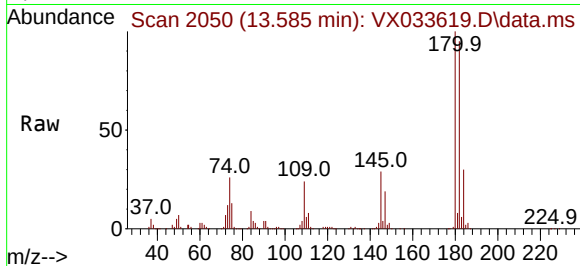
VSTDCCC050

Tgt Ion:180 Resp: 147620
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.2
145 28.1 14.1 42.2

Manual Integrations

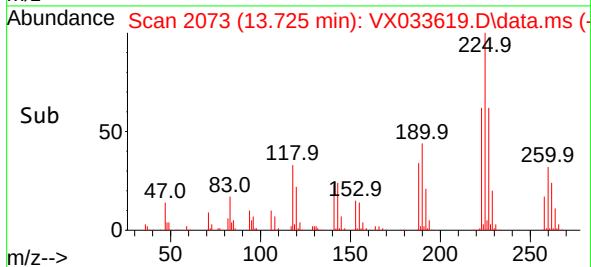
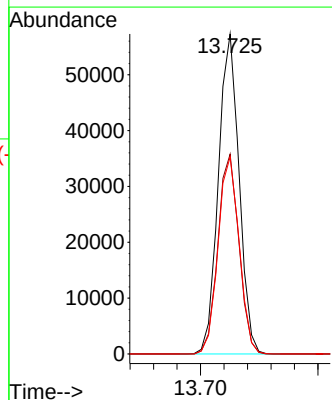
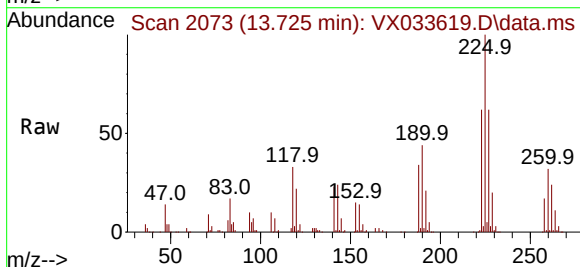
APPROVED

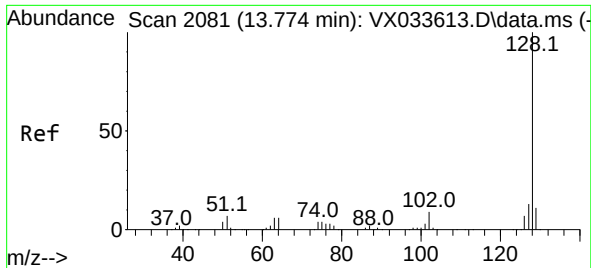
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#94
Hexachlorobutadiene
Concen: 53.623 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

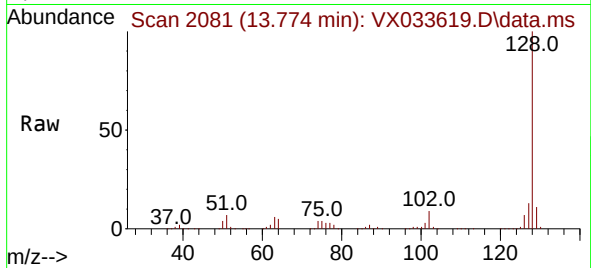
Tgt Ion:225 Resp: 70053
Ion Ratio Lower Upper
225 100
223 63.2 31.4 94.3
227 62.6 31.9 95.5





#95
Naphthalene
Concen: 46.487 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20

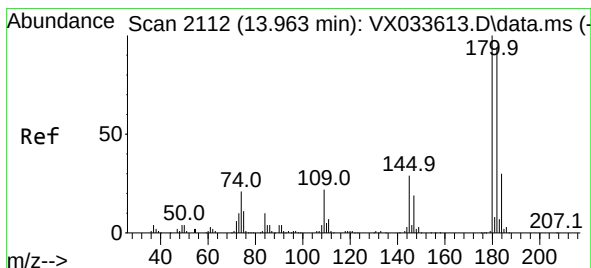
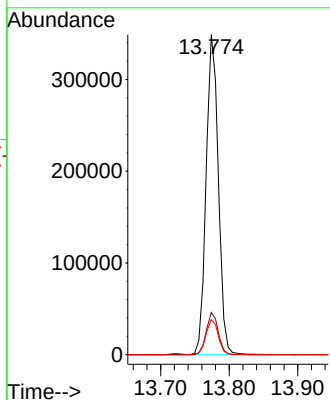
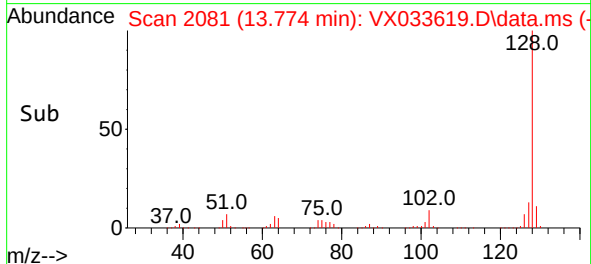
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



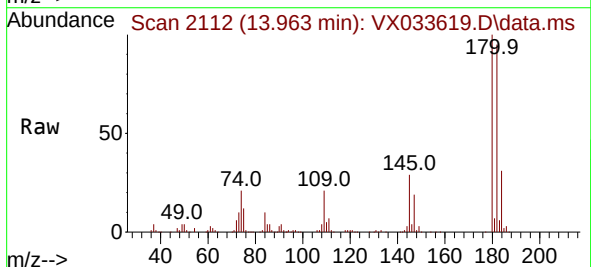
Tgt Ion:128 Resp: 432850
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.714 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033619.D
Acq: 06 Jan 2023 10:20



Tgt Ion:180 Resp: 143637
Ion Ratio Lower Upper
180 100
182 95.9 47.2 141.6
145 30.5 15.0 45.0

