

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011432.D
 Acq On : 11 Nov 2022 20:19
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022

Quant Time: Nov 14 05:55:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	287602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	451995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	418611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	213577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116620	48.390	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.780%		
35) Dibromofluoromethane	7.716	113	124761	49.253	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.500%		
50) Toluene-d8	10.179	98	440153	45.484	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.960%		
62) 4-Bromofluorobenzene	12.477	95	171179	50.715	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	78598	45.389	ug/l	99
3) Chloromethane	2.113	50	98572	42.644	ug/l	94
4) Vinyl Chloride	2.247	62	120255	44.134	ug/l	97
5) Bromomethane	2.644	94	88411	44.808	ug/l	98
6) Chloroethane	2.790	64	83520	46.162	ug/l	99
7) Trichlorofluoromethane	3.119	101	204877	47.656	ug/l	92
8) Diethyl Ether	3.527	74	78341	51.893	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.893	101	130116	49.922	ug/l	95
10) Methyl Iodide	4.082	142	164178	47.229	ug/l	90
11) Tert butyl alcohol	4.942	59	82805	283.601	ug/l	99
12) 1,1-Dichloroethene	3.869	96	122338	47.406	ug/l #	79
13) Acrolein	3.723	56	15384	210.847	ug/l	99
14) Allyl chloride	4.472	41	171547	49.259	ug/l #	83
15) Acrylonitrile	5.155	53	205519	284.910	ug/l	97
16) Acetone	3.942	43	152869	240.376	ug/l #	79
17) Carbon Disulfide	4.186	76	335272	43.618	ug/l	100
18) Methyl Acetate	4.472	43	94165	53.458	ug/l #	81
19) Methyl tert-butyl Ether	5.216	73	365203	54.110	ug/l	96
20) Methylene Chloride	4.710	84	198940	58.877	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	143439	48.750	ug/l	84
22) Diisopropyl ether	6.112	45	392834	52.853	ug/l #	90
23) Vinyl Acetate	6.051	43	1235512	284.145	ug/l #	88
24) 1,1-Dichloroethane	6.009	63	245662	50.757	ug/l	98
25) 2-Butanone	6.978	43	250006	275.983	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	215937	47.706	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	168617	50.920	ug/l	84
28) Bromochloromethane	7.332	49	93130	52.984	ug/l #	72
29) Tetrahydrofuran	7.344	42	160781	293.004	ug/l #	76
30) Chloroform	7.502	83	265857	51.936	ug/l	99
31) Cyclohexane	7.783	56	200105	46.208	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	232709	50.264	ug/l	94
36) 1,1-Dichloropropene	7.911	75	193943	49.331	ug/l	97
37) Ethyl Acetate	7.070	43	106931	56.620	ug/l #	90
38) Carbon Tetrachloride	7.899	117	214962	50.265	ug/l	98
39) Methylcyclohexane	9.179	83	236724	49.278	ug/l	88
40) Benzene	8.155	78	581375	49.519	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	52480m	53.664	ug/l	
42) 1,2-Dichloroethane	8.234	62	161948	52.636	ug/l	89
43) Isopropyl Acetate	8.271	43	190186	55.823	ug/l #	84
44) Trichloroethene	8.935	130	167219	50.703	ug/l	99
45) 1,2-Dichloropropane	9.215	63	146632	52.478	ug/l	95
46) Dibromomethane	9.301	93	88592	54.456	ug/l	97
47) Bromodichloromethane	9.496	83	209988	53.874	ug/l	100
48) Methyl methacrylate	9.289	41	86418	56.443	ug/l #	72
49) 1,4-Dioxane	9.295	88	27303	1229.313	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	554181	302.485	ug/l #	82
52) Toluene	10.240	92	380109	50.701	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	215475	53.613	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	243266	52.444	ug/l #	78
55) 1,1,2-Trichloroethane	10.642	97	129937	55.154	ug/l	99
56) Ethyl methacrylate	10.508	69	178014	58.760	ug/l #	70
57) 1,3-Dichloropropane	10.788	76	214530	54.586	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	405378	289.475	ug/l	92
59) 2-Hexanone	10.831	43	390632	300.974	ug/l	79
60) Dibromochloromethane	10.983	129	160393	55.156	ug/l	100
61) 1,2-Dibromoethane	11.087	107	125436	55.376	ug/l	99
64) Tetrachloroethene	10.715	164	168878	50.470	ug/l	98
65) Chlorobenzene	11.514	112	420519	50.190	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	162499	51.839	ug/l	98
67) Ethyl Benzene	11.593	91	728870	49.786	ug/l	98
68) m/p-Xylenes	11.703	106	571952	99.649	ug/l	94
69) o-Xylene	12.026	106	276575	51.090	ug/l	92
70) Styrene	12.044	104	472284	51.898	ug/l	95
71) Bromoform	12.209	173	106757	54.944	ug/l #	99
73) Isopropylbenzene	12.325	105	725627	49.156	ug/l	100
74) N-amyl acetate	12.142	43	175077	56.373	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	152229	53.674	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	113708m	45.994	ug/l	
77) Bromobenzene	12.605	156	179121	50.742	ug/l	95
78) n-propylbenzene	12.666	91	877721	49.832	ug/l	98
79) 2-Chlorotoluene	12.758	91	492936	48.935	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	610305	49.018	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	52975	51.507	ug/l #	82
82) 4-Chlorotoluene	12.855	91	508473	48.625	ug/l	98
83) tert-Butylbenzene	13.075	119	536427	49.832	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	613039	50.162	ug/l	98
85) sec-Butylbenzene	13.251	105	776688	49.016	ug/l	99
86) p-Isopropyltoluene	13.367	119	659827	49.677	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	346143	49.121	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	343940	49.356	ug/l	98
89) n-Butylbenzene	13.696	91	592268	49.625	ug/l	98
90) Hexachloroethane	13.959	117	124987	48.095	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	316133	50.573	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27000	58.427	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	200146	54.313	ug/l	98
94) Hexachlorobutadiene	15.111	225	112609	51.724	ug/l	99
95) Naphthalene	15.233	128	448867	55.187	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	179294	56.342	ug/l	99

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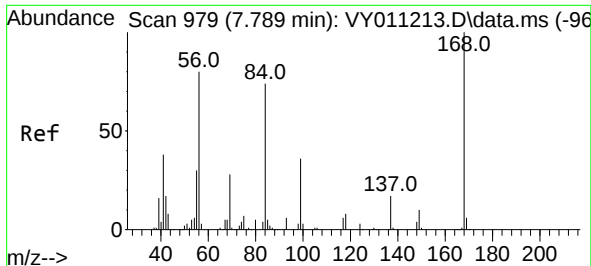
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/14/2022

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



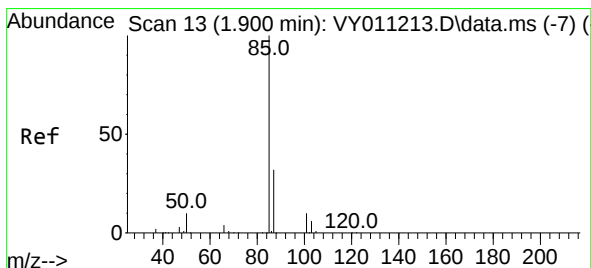
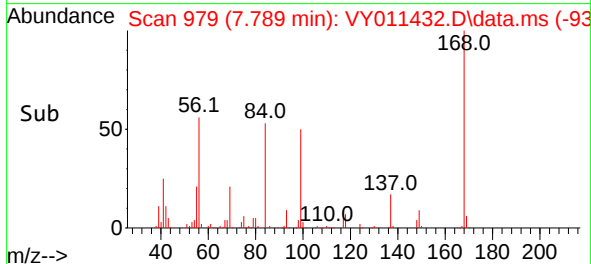
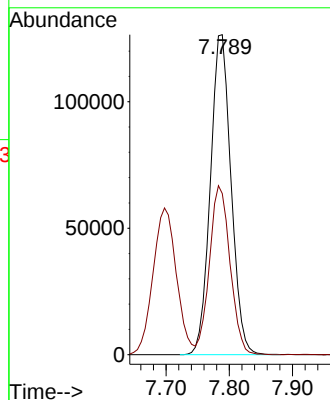
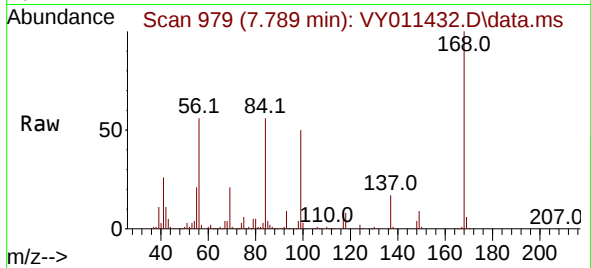
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 28760
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3

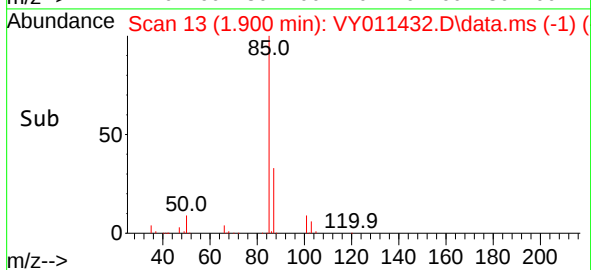
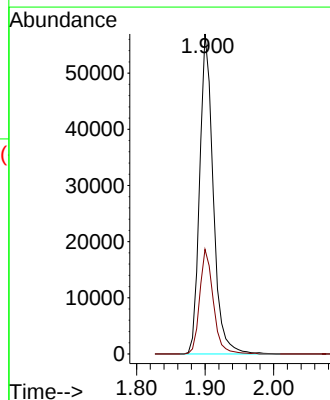
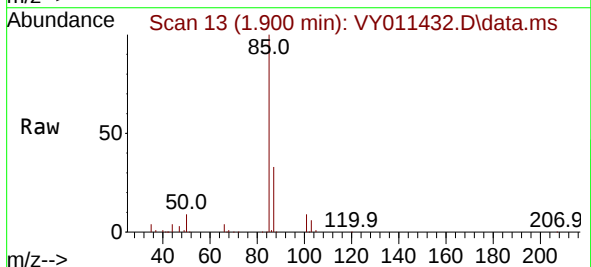
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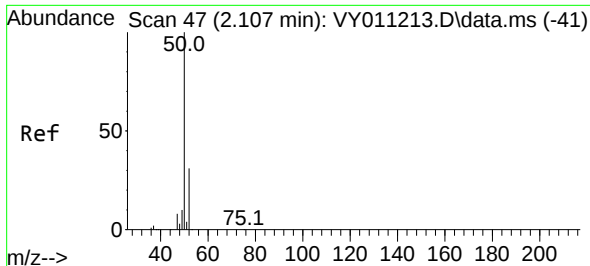
Reviewed By :Krupa Patel 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#2
Dichlorodifluoromethane
Concen: 45.389 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

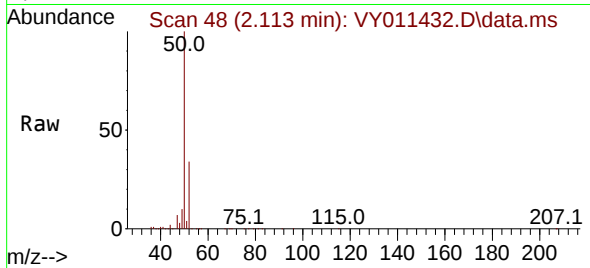
Tgt Ion: 85 Resp: 78598
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.2





#3
Chloromethane
Concen: 42.644 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

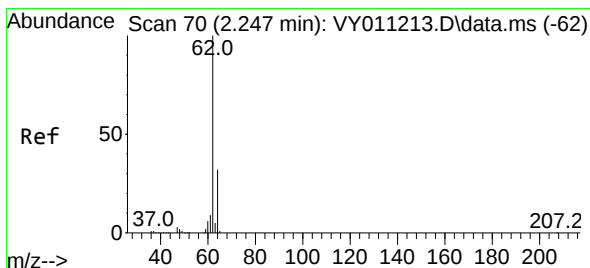
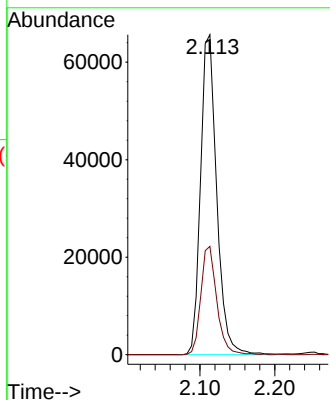
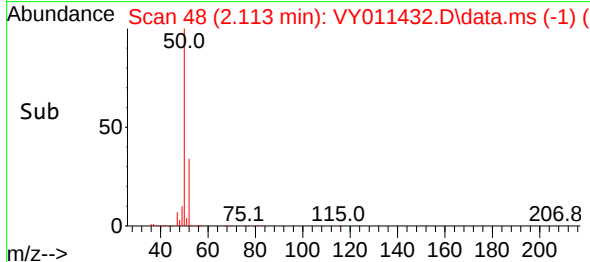
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 98572
Ion Ratio Lower Upper
50 100
52 33.9 24.6 37.0

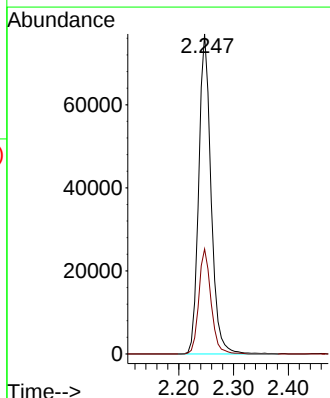
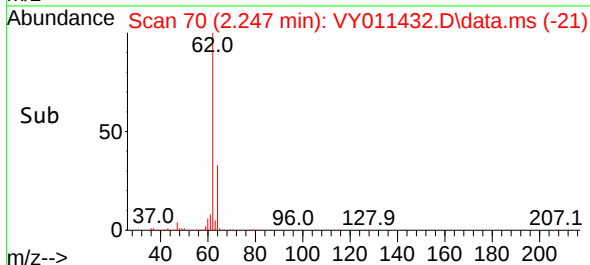
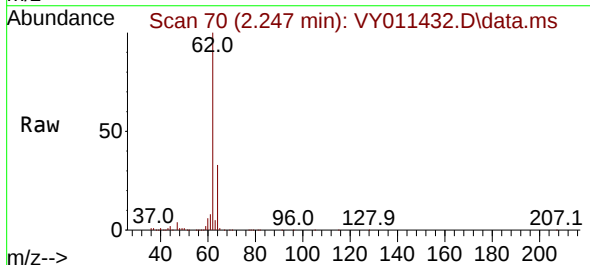
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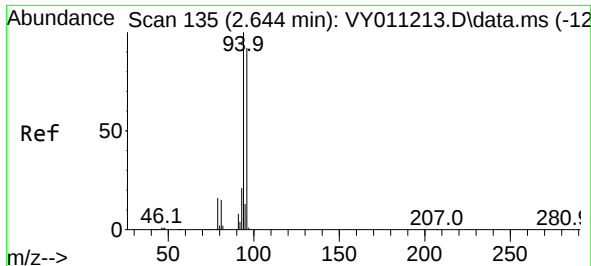
Reviewed By :Krupa Patel 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#4
Vinyl Chloride
Concen: 44.134 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

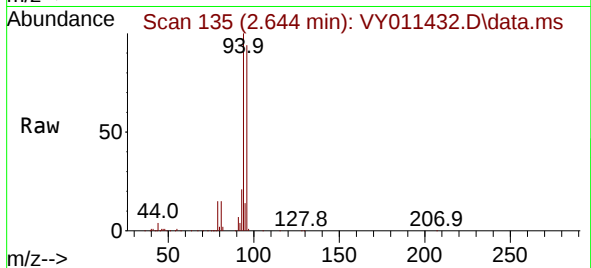
Tgt Ion: 62 Resp: 120255
Ion Ratio Lower Upper
62 100
64 32.8 25.0 37.6





#5
Bromomethane
Concen: 44.808 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

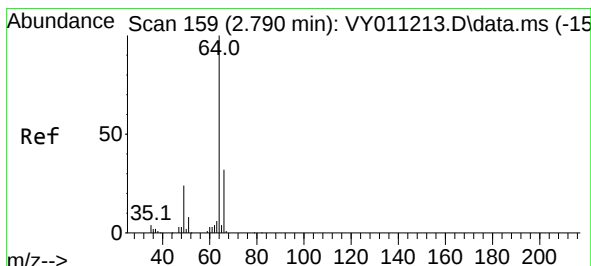
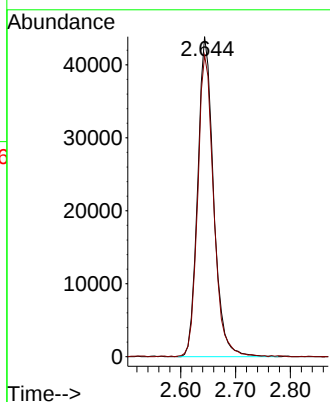
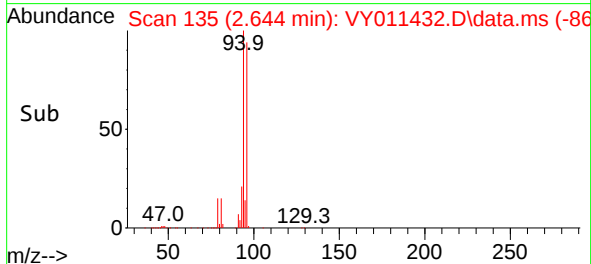
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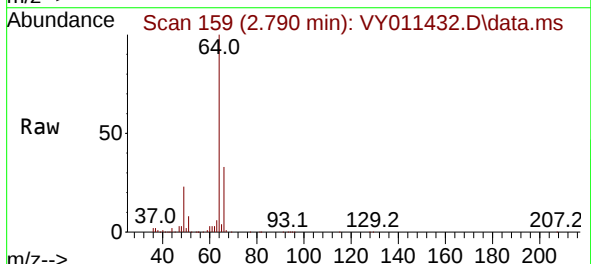
Tgt Ion: 94 Resp: 8841
Ion Ratio Lower Upper
94 100
96 94.0 73.5 110.3

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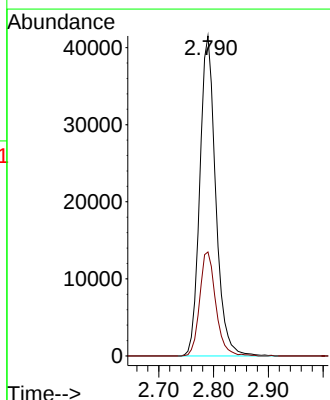
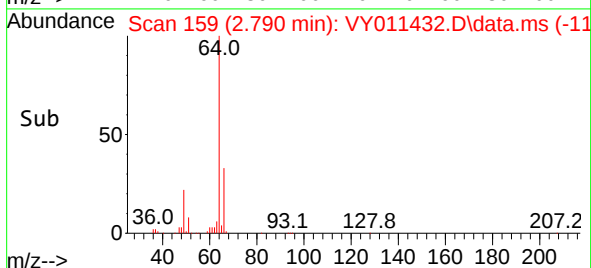
Reviewed By :Krupa Patel 11/14/2022
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#6
Chloroethane
Concen: 46.162 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19



Tgt Ion: 64 Resp: 83520
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 47.656 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 20487
 Ion Ratio Lower Upper
 101 100
 103 65.8 48.0 72.0

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 Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

#8
 Diethyl Ether
 Concen: 51.893 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Tgt Ion: 74 Resp: 78341
 Ion Ratio Lower Upper
 74 100
 45 82.5 55.1 165.5

Raw

Sub



#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.922 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 130110
Ion Ratio Lower Upper
101 100
85 42.3 40.6 60.8
151 81.0 64.9 97.3

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Raw

Sub

Ref

#10
Methyl Iodide
Concen: 47.229 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion:142 Resp: 164178
Ion Ratio Lower Upper
142 100
127 43.2 41.5 62.3
141 14.6 11.9 17.9

Raw

Sub



#11
 Tert butyl alcohol
 Concen: 283.601 ug/l
 RT: 4.942 min Scan# 51
 Delta R.T. -0.012 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 59 Resp: 8280
 Ion Ratio Lower Upper
 59 100
 57 8.4 6.4 9.6

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 Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

Raw

Sub

#12
 1,1-Dichloroethene
 Concen: 47.406 ug/l
 RT: 3.869 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Tgt Ion: 96 Resp: 122338
 Ion Ratio Lower Upper
 96 100
 61 143.0 145.8 218.6#
 98 63.4 52.5 78.7



#13
Acrolein
Concen: 210.847 ug/l
RT: 3.723 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 15384
Ion Ratio Lower Upper
56 100
55 71.0 57.6 86.4

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Raw

Sub

Ref

#14
Allyl chloride
Concen: 49.259 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion: 41 Resp: 171547
Ion Ratio Lower Upper
41 100
39 61.6 58.8 88.2
76 45.1 25.1 37.7#

Raw

Sub



#15
Acrylonitrile
Concen: 284.910 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 205519
Ion Ratio Lower Upper
53 100
52 80.8 67.0 100.4
51 35.3 29.8 44.6

Manual Integrations
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Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

#16
Acetone
Concen: 240.376 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion: 43 Resp: 152869
Ion Ratio Lower Upper
43 100
58 38.6 22.0 33.0#

Raw

Sub



#17
Carbon Disulfide
Concen: 43.618 ug/l
RT: 4.186 min Scan# 30
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 33527
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

#18
Methyl Acetate
Concen: 53.458 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion: 43 Resp: 94165
Ion Ratio Lower Upper
43 100
74 29.5 16.6 24.8#

Raw

Sub



#19
Methyl tert-butyl Ether
Concen: 54.110 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 36520
Ion Ratio Lower Upper
73 100
57 21.3 18.6 27.8

Manual Integrations
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Reviewed By :Krupa Patel 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

Raw

Sub

#20
Methylene Chloride
Concen: 58.877 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion: 84 Resp: 198940
Ion Ratio Lower Upper
84 100
49 102.9 114.4 171.6#
51 33.4 35.3 52.9#
86 63.4 53.7 80.5



Raw

Sub

#21
trans-1,2-Dichloroethene
Concen: 48.750 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 143439
Ion Ratio Lower Upper
96 100
61 124.0 120.5 180.7
98 65.2 49.8 74.8

Manual Integrations
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Reviewed By :Krupa Patel 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

Ref

#22
Diisopropyl ether
Concen: 52.853 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion: 45 Resp: 392834
Ion Ratio Lower Upper
45 100
43 56.1 49.3 73.9
87 32.7 19.2 28.8#
59 13.2 8.4 12.6#

Raw

Sub



#23
 Vinyl Acetate
 Concen: 284.145 ug/l
 RT: 6.051 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 123551
 Ion Ratio Lower Upper
 43 100
 86 13.4 7.1 10.7

Manual Integrations
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 Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

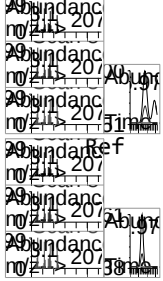
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Raw

Sub

#24
 1,1-Dichloroethane
 Concen: 50.757 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Tgt Ion: 63 Resp: 245662
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 5.1 2.0 5.8



#25
2-Butanone
Concen: 275.983 ug/l
RT: 6.978 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Tgt Ion: 43 Resp: 25000
Ion Ratio Lower Upper
43 100
72 32.3 17.7 26.5

Manual Integrations
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Raw

Sub

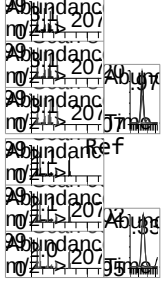
Ref

Raw

Sub

#26
2,2-Dichloropropane
Concen: 47.706 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion: 77 Resp: 215937
Ion Ratio Lower Upper
77 100
97 24.4 10.4 31.4



#27
cis-1,2-Dichloroethene
Concen: 50.920 ug/l
RT: 6.978 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Tgt Ion:	96	Resp:	16861
Ion	Ratio	Lower	Upper
96	100		
61	130.8	0.0	319.8
98	65.0	0.0	127.0

Manual Integrations
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Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

Raw

Sub

#28
Bromochloromethane
Concen: 52.984 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion:	49	Resp:	93130
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.2#
130	92.7	55.4	83.0#



#29
Tetrahydrofuran
Concen: 293.004 ug/l
RT: 7.344 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 16078
Ion Ratio Lower Upper
42 100
72 53.5 30.3 45.5
71 49.6 29.0 43.4

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Raw

Sub

Ref

Raw

Sub

#30
Chloroform
Concen: 51.936 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion: 83 Resp: 265857
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.6



#31
Cyclohexane
Concen: 46.208 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 200109
Ion Ratio Lower Upper
56 100
69 35.8 26.7 40.1
84 98.7 67.2 100.8

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Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

Raw

Sub

#32
1,1,1-Trichloroethane
Concen: 50.264 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion: 97 Resp: 232709
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 38.2 37.6 56.4



#33
 1,2-Dichloroethane-d4
 Concen: 48.390 ug/l
 RT: 8.136 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 116620
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 99.4

Manual Integrations
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 Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

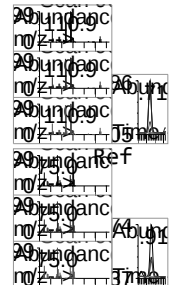
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Tgt Ion:114 Resp: 451995
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 43.2
 88 15.4 0.0 31.8

Raw

Sub



#35
 Dibromofluoromethane
 Concen: 49.253 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	124.0
192	21.0	17.6	26.4

Manual Integrations

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Raw

Sub

Ref

Raw

Sub

#36
 1,1-Dichloropropene
 Concen: 49.331 ug/l
 RT: 7.911 min Scan# 999
 Delta R.T. -0.006 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	17.1	51.2
77	31.0	24.4	36.6



#37
 Ethyl Acetate
 Concen: 56.620 ug/l
 RT: 7.070 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 10693
 Ion Ratio Lower Upper
 43 100
 61 16.0 9.7 14.5
 70 12.8 7.1 10.7

Manual Integrations

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Raw

Sub

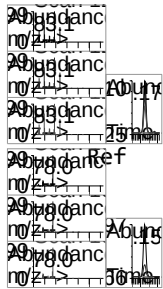
Ref

#38
 Carbon Tetrachloride
 Concen: 50.265 ug/l
 RT: 7.899 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Tgt Ion:117 Resp: 214962
 Ion Ratio Lower Upper
 117 100
 119 95.0 77.9 116.9
 121 31.2 24.8 37.2

Raw

Sub



#39
Methylcyclohexane
Concen: 49.278 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 236724
Ion Ratio Lower Upper
83 100
55 69.1 66.5 99.7
98 50.5 37.9 56.9

Manual Integrations
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Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

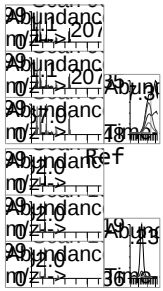
Ref

Raw

Sub

#40
Benzene
Concen: 49.519 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion: 78 Resp: 581375
Ion Ratio Lower Upper
78 100
77 23.2 20.4 30.6



Raw

Sub

Ref

Raw

Sub

#41
Methacrylonitrile
Concen: 53.664 ug/l m
RT: 7.307 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Tgt Ion:	41	Resp:	52480
Ion	Ratio	Lower	Upper
41	100		
39	0.0	92.9	139.3
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
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Supervised By :Mahesh Dadoda 11/14/2022

#42
1,2-Dichloroethane
Concen: 52.636 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion:	62	Resp:	161948
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	14.8



#43
Isopropyl Acetate
Concen: 55.823 ug/l
RT: 8.271 min Scan# 10
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 190180
Ion Ratio Lower Upper
43 100
61 33.5 20.2 30.2
87 16.9 8.9 13.3

Manual Integrations
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Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

Raw

Sub

#44
Trichloroethene
Concen: 50.703 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion:130 Resp: 167219
Ion Ratio Lower Upper
130 100
95 94.9 0.0 188.2



#45
1,2-Dichloropropane
Concen: 52.478 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 14663
Ion Ratio Lower Upper
63 100
65 31.4 23.0 34.6

Manual Integrations
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Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

Raw

Sub

#46
Dibromomethane
Concen: 54.456 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion: 93 Resp: 88592
Ion Ratio Lower Upper
93 100
95 82.4 64.3 96.5
174 107.9 83.4 125.0



#47
Bromodichloromethane
Concen: 53.874 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 209988
Ion Ratio Lower Upper
83 100
85 64.7 51.9 77.9
127 9.3 6.6 10.0

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Raw

Sub

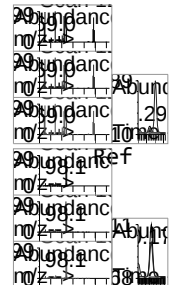
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Raw

Sub

#48
Methyl methacrylate
Concen: 56.443 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion: 41 Resp: 86418
Ion Ratio Lower Upper
41 100
69 109.2 58.2 87.2#
39 53.0 47.4 71.0



Raw

Sub

#49
1,4-Dioxane
Concen: 1229.313 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Tgt Ion: 88 Resp: 2730
Ion Ratio Lower Upper
88 100
43 24.2 32.8 49.2
58 60.7 59.8 89.6

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Supervised By :Mahesh Dadoda 11/14/2022

Ref

#50
Toluene-d8
Concen: 45.484 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion: 98 Resp: 440153
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

Raw

Sub



#51
4-Methyl-2-Pentanone
Concen: 302.485 ug/l
RT: 10.069 min Scan# 11381
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 55418
Ion Ratio Lower Upper
43 100
58 45.4 28.1 42.1

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Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

Raw

Sub

#52
Toluene
Concen: 50.701 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion: 92 Resp: 380109
Ion Ratio Lower Upper
92 100
91 171.0 142.6 213.8



#53
t-1,3-Dichloropropene
Concen: 53.613 ug/l
RT: 10.465 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 215475
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

Manual Integrations
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Reviewed By :Krupa Patel 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

#54
cis-1,3-Dichloropropene
Concen: 52.444 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion: 75 Resp: 243266
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4
39 34.4 47.6 71.4#

Raw

Sub



Sub

Ref

Raw

Sub

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

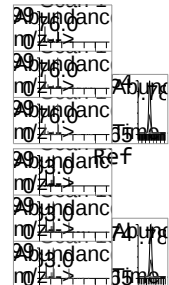
Tgt	Ion: 97	Resp:	12993
Ion	Ratio	Lower	Upper
97	100		
83	85.5	69.8	104.8
85	55.4	44.3	66.5
99	62.5	49.8	74.6

Manual Integrations

Reviewed By :Krupa Patel 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

```
#56
Ethyl methacrylate
Concen: 58.760 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19
```

Tgt Ion: 69	Resp: 178014
Ion Ratio	Lower Upper
69 100	
41 53.1	63.4 95.0#
39 25.9	35.8 53.8#



#57
1,3-Dichloropropane
Concen: 54.586 ug/l
RT: 10.788 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 214530
Ion Ratio Lower Upper
76 100
78 32.9 25.0 37.6

Manual Integrations
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Reviewed By :Krupa Patel 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

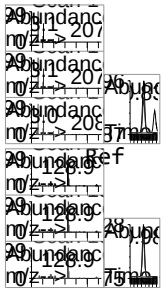
Ref

Raw

Sub

#58
2-Chloroethyl Vinyl ether
Concen: 289.475 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.001 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion: 63 Resp: 405378
Ion Ratio Lower Upper
63 100
106 31.0 21.5 32.3



#59
2-Hexanone
Concen: 300.974 ug/l
RT: 10.831 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 39063
Ion Ratio Lower Upper
43 100
58 63.3 24.4 73.4

Manual Integrations
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Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

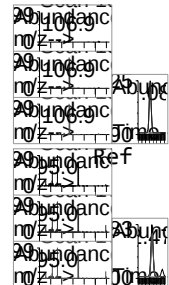
Ref

#60
Dibromochloromethane
Concen: 55.156 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion:129 Resp: 160393
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1

Raw

Sub



#61
 1,2-Dibromoethane
 Concen: 55.376 ug/l
 RT: 11.087 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:107 Resp: 125430
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.4 113.2

Manual Integrations

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Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

Raw

Sub

#62
 4-Bromofluorobenzene
 Concen: 50.715 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.006 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Tgt Ion: 95 Resp: 171179
 Ion Ratio Lower Upper
 95 100
 174 85.5 0.0 177.0
 176 83.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 41861
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.5 25.4 38.0

Manual Integrations
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Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

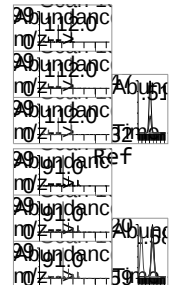
Ref

Raw

Sub

#64
Tetrachloroethene
Concen: 50.470 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion:164 Resp: 168878
Ion Ratio Lower Upper
164 100
166 124.9 100.4 150.6
129 92.4 71.4 107.0
131 91.1 70.8 106.2



#65
Chlorobenzene
Concen: 50.190 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 420519
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6

Manual Integrations
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Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

Raw

Sub

#66
1,1,1,2-Tetrachloroethane
Concen: 51.839 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion:131 Resp: 162499
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 64.2 30.8 92.3



#67
Ethyl Benzene
Concen: 49.786 ug/l
RT: 11.593 min Scan# 10
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 728870
Ion Ratio Lower Upper
91 100
106 31.9 24.5 36.7

Manual Integrations

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Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

Raw

Sub

#68
m/p-Xylenes
Concen: 99.649 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion:106 Resp: 571952
Ion Ratio Lower Upper
106 100
91 198.2 166.6 249.8



#69
 o-Xylene
 Concen: 51.090 ug/l
 RT: 12.026 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:106 Resp: 276579
 Ion Ratio Lower Upper
 106 100
 91 208.5 110.3 331.0

Manual Integrations
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 Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

Raw

Sub

#70
 Styrene
 Concen: 51.898 ug/l
 RT: 12.044 min Scan# 1677
 Delta R.T. 0.000 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Tgt Ion:104 Resp: 472284
 Ion Ratio Lower Upper
 104 100
 78 46.5 42.4 63.6
 103 54.3 44.4 66.6



Raw

Sub

Ref

Raw

Sub

#71
 Bromoform
 Concen: 54.944 ug/l
 RT: 12.209 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Instrument : MSVOA_Y
 ClientSampleId : VSTDCCC050EC

Tgt Ion:173 Resp: 10675
 Ion Ratio Lower Upper
 173 100
 175 48.4 24.6 74.0
 254 0.1 0.0 0.0

Manual Integrations
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#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Tgt Ion:152 Resp: 213577
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.2 84.7
 150 171.9 0.0 347.6



#73
Isopropylbenzene
Concen: 49.156 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 72562
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2

Manual Integrations
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Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

Raw

Sub

#74
N-amyl acetate
Concen: 56.373 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion: 43 Resp: 175077
Ion Ratio Lower Upper
43 100
70 52.0 28.7 43.1#
55 28.5 17.3 25.9#
61 28.2 17.0 25.6#



Raw

Sub

Ref

Raw

Sub

#75
1,1,2,2-Tetrachloroethane
Concen: 53.674 ug/l
RT: 12.581 min Scan# 11773
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Tgt Ion:	83	Resp:	152229
Ion	Ratio	Lower	Upper
83	100		
131	14.3	5.6	16.8
85	64.5	32.3	96.8

Manual Integrations
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#76
1,2,3-Trichloropropane
Concen: 45.994 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion:	75	Resp:	113708
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



#77
Bromobenzene
Concen: 50.742 ug/l
RT: 12.605 min Scan# 11779
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	156	Resp:	17912
Ion	Ratio	Lower	Upper
156	100		
77	180.7	95.5	286.4
158	95.9	48.0	144.0

Manual Integrations
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Raw

Sub

Ref

#78
n-propylbenzene
Concen: 49.832 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion:	91	Resp:	877721
Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.3	33.9

Raw

Sub



#79
2-Chlorotoluene
Concen: 48.935 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 492930
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.6

Manual Integrations
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Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

#80
1,3,5-Trimethylbenzene
Concen: 49.018 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion:105 Resp: 610305
Ion Ratio Lower Upper
105 100
120 49.5 24.4 73.4

Raw

Sub



#81
trans-1,4-Dichloro-2-butene
Concen: 51.507 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 52975
Ion Ratio Lower Upper
75 100
53 80.5 85.3 127.9
89 47.5 37.0 55.4

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Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

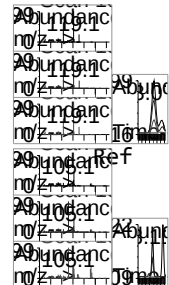
Ref

#82
4-Chlorotoluene
Concen: 48.625 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion: 91 Resp: 508473
Ion Ratio Lower Upper
91 100
126 35.3 17.0 51.0

Raw

Sub



#83
tert-Butylbenzene
Concen: 49.832 ug/l
RT: 13.075 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 53642
Ion Ratio Lower Upper
119 100
91 61.9 34.8 104.4
134 26.3 13.3 39.9

Manual Integrations
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Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

#84
1,2,4-Trimethylbenzene
Concen: 50.162 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion:105 Resp: 613039
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.9

Raw

Sub



#85
 sec-Butylbenzene
 Concen: 49.016 ug/l
 RT: 13.251 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 776688
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.4

Manual Integrations

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Raw

Sub

Ref

Raw

Sub

#86
 p-Isopropyltoluene
 Concen: 49.677 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY011432.D
 Acq: 11 Nov 2022 20:19

Tgt Ion:119 Resp: 659827
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 22.0 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 49.121 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	146	Resp:	34614
Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.5	58.5
148	63.7	31.6	95.0

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Raw

Sub

Ref

Raw

Sub

#88
1,4-Dichlorobenzene
Concen: 49.356 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion:	146	Resp:	343940
Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.8
148	63.3	32.6	97.8



#89
n-Butylbenzene
Concen: 49.625 ug/l
RT: 13.696 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 592268
Ion Ratio Lower Upper
91 100
92 54.0 26.3 78.9
134 27.5 13.0 38.9

Manual Integrations

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Reviewed By :Krupa Patel 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

Raw

Sub

#90
Hexachloroethane
Concen: 48.095 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion:117 Resp: 124987
Ion Ratio Lower Upper
117 100
201 82.0 43.0 128.8



#91
1,2-Dichlorobenzene
Concen: 50.573 ug/l
RT: 13.739 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	146	Resp:	31613
Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.9
148	63.4	32.3	96.9

Manual Integrations
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Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

Raw

Sub

#92
1,2-Dibromo-3-Chloropropane
Concen: 58.427 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion:	75	Resp:	27000
Ion	Ratio	Lower	Upper
75	100		
155	95.2	38.0	113.9
157	120.9	47.8	143.3



Raw

Sub

Ref

Raw

Sub

#93
1,2,4-Trichlorobenzene
Concen: 54.313 ug/l
RT: 15.007 min Scan# 211
Delta R.T. 0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

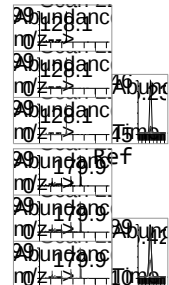
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Tgt Ion:180 Resp: 200140
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.9
145 30.9 14.6 43.8

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#94
Hexachlorobutadiene
Concen: 51.724 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion:225 Resp: 112609
Ion Ratio Lower Upper
225 100
223 63.5 30.8 92.3
227 63.3 31.6 94.7



#95
Naphthalene
Concen: 55.187 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 44886
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.4
129 11.0 8.4 12.6

Manual Integrations
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Supervised By :Mahesh Dadoda 11/14/2022

Raw

Sub

Ref

Raw

Sub

#96
1,2,3-Trichlorobenzene
Concen: 56.342 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY011432.D
Acq: 11 Nov 2022 20:19

Tgt Ion:180 Resp: 179294
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 32.3 15.3 45.9