

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110821\
 Data File : VX025099.D
 Acq On : 08 Nov 2021 16:45
 Operator : JC/MD
 Sample : M4464-02MEMS 10X
 Misc : 6.59g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GB7K1MEMS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Mahesh Dadoda 11/19/2021

Quant Time: Nov 09 04:23:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 09 03:59:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	181179	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	180237	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	104046	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	83122	50.737	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	101.480%	
7) Chloroethane-d5	1.660	69	37409	36.423	ug/L	-0.01
Spiked Amount 50.000	Range 70	- 130	Recovery	=	72.840%	
11) 1,1-Dichloroethene-d2	2.307	63	175095	55.487	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	110.980%	
21) 2-Butanone-d5	4.465	46	122832	109.095	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	109.090%	
24) Chloroform-d	5.068	84	161009	49.991	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	99.980%	
26) 1,2-Dichloroethane-d4	5.958	65	99852	47.391	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	94.780%	
32) Benzene-d6	5.977	84	227704	35.482	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	70.960%	
36) 1,2-Dichloropropane-d6	7.312	67	76013	40.198	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	80.400%	
41) Toluene-d8	8.653	98	227825	42.232	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	84.460%	
43) trans-1,3-Dichloroprop...	8.952	79	45689m	45.270	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	90.540%	
47) 2-Hexanone-d5	9.391	63	76720	94.982	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	94.980%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	133185	50.882	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	101.760%	
66) 1,2-Dichlorobenzene-d4	12.323	152	95367	46.763	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	93.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	104601	55.887	ug/L	98
3) Chloromethane	1.289	50	77951	59.262	ug/L	86
5) Vinyl chloride	1.374	62	94130	60.301	ug/L	99
6) Bromomethane	1.612	94	41212	41.399	ug/L	92
8) Chloroethane	1.685	64	31551	34.677	ug/L	97
9) Trichlorofluoromethane	1.886	101	160857	55.798	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	91544	62.244	ug/L	93
12) 1,1-Dichloroethene	2.319	96	76178	58.896	ug/L	86
13) Acetone	2.386	43	120776	109.015	ug/L	98
14) Carbon disulfide	2.514	76	180364	53.710	ug/L	99
15) Methyl Acetate	2.709	43	88262	57.617	ug/L #	83
16) Methylene chloride	2.788	84	86322	59.355	ug/L #	80
17) trans-1,2-Dichloroethene	3.093	96	76650	58.378	ug/L	92
18) Methyl tert-butyl Ether	3.117	73	306019	60.098	ug/L #	93
19) 1,1-Dichloroethane	3.611	63	180171	65.714	ug/L	94
20) cis-1,2-Dichloroethene	4.489	96	223911	147.248	ug/L	78
22) 2-Butanone	4.568	43	141217	107.322	ug/L	78
23) Bromochloromethane	4.904	128	36566	51.070	ug/L #	61
25) Chloroform	5.105	83	156985	51.873	ug/L	94

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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.093	62	122290	52.317	ug/L	96
29) Cyclohexane	5.471	56	99440	36.047	ug/L #	80
30) 1,1,1-Trichloroethane	5.391	97	120908	37.030	ug/L #	89
31) Carbon tetrachloride	5.684	117	95321	36.400	ug/L	100
33) Benzene	6.044	78	253994	37.452	ug/L	100
34) Trichloroethene	7.129	95	185864	107.590	ug/L	97
35) Methylcyclohexane	7.385	83	110682	43.074	ug/L #	87
37) 1,2-Dichloropropane	7.440	63	68869	43.728	ug/L #	96
38) Bromodichloromethane	7.824	83	105047	44.587	ug/L #	95
39) cis-1,3-Dichloropropene	8.373	75	118539	46.632	ug/L	95
40) 4-Methyl-2-pentanone	8.580	43	235869	96.114	ug/L #	78
42) Toluene	8.720	91	1149696	178.070	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	121991	47.864	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	69515	47.855	ug/L	95
46) Tetrachloroethene	9.275	164	45874	47.955	ug/L	95
48) 2-Hexanone	9.439	43	195537	96.825	ug/L #	78
49) Dibromochloromethane	9.525	129	72837	47.260	ug/L	99
50) 1,2-Dibromoethane	9.610	107	74637	48.133	ug/L	99
51) Chlorobenzene	10.080	112	182290	48.202	ug/L	92
52) Ethylbenzene	10.195	91	351362	50.617	ug/L	98
53) m,p-Xylene	10.305	106	128789	51.007	ug/L	98
54) o-Xylene	10.647	106	133766	55.984	ug/L	100
55) Styrene	10.659	104	226794	54.522	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.220	83	138093	53.148	ug/L	95
59) Bromoform	10.805	173	51801	42.361	ug/L #	96
60) Isopropylbenzene	10.964	105	404312	46.617	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	120058	47.582	ug/L	92
62) 1,3,5-Trimethylbenzene	11.457	105	354829	49.397	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	355987	50.532	ug/L	96
64) 1,3-Dichlorobenzene	11.970	146	156924	49.970	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	156784	49.107	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	156577	48.316	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	34677	44.255	ug/L	91
69) 1,3,5-Trichlorobenzene	13.116	180	107881	47.914	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	92279	47.855	ug/L	100
71) Naphthalene	13.780	128	366954	52.887	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	95722	50.599	ug/L	99

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

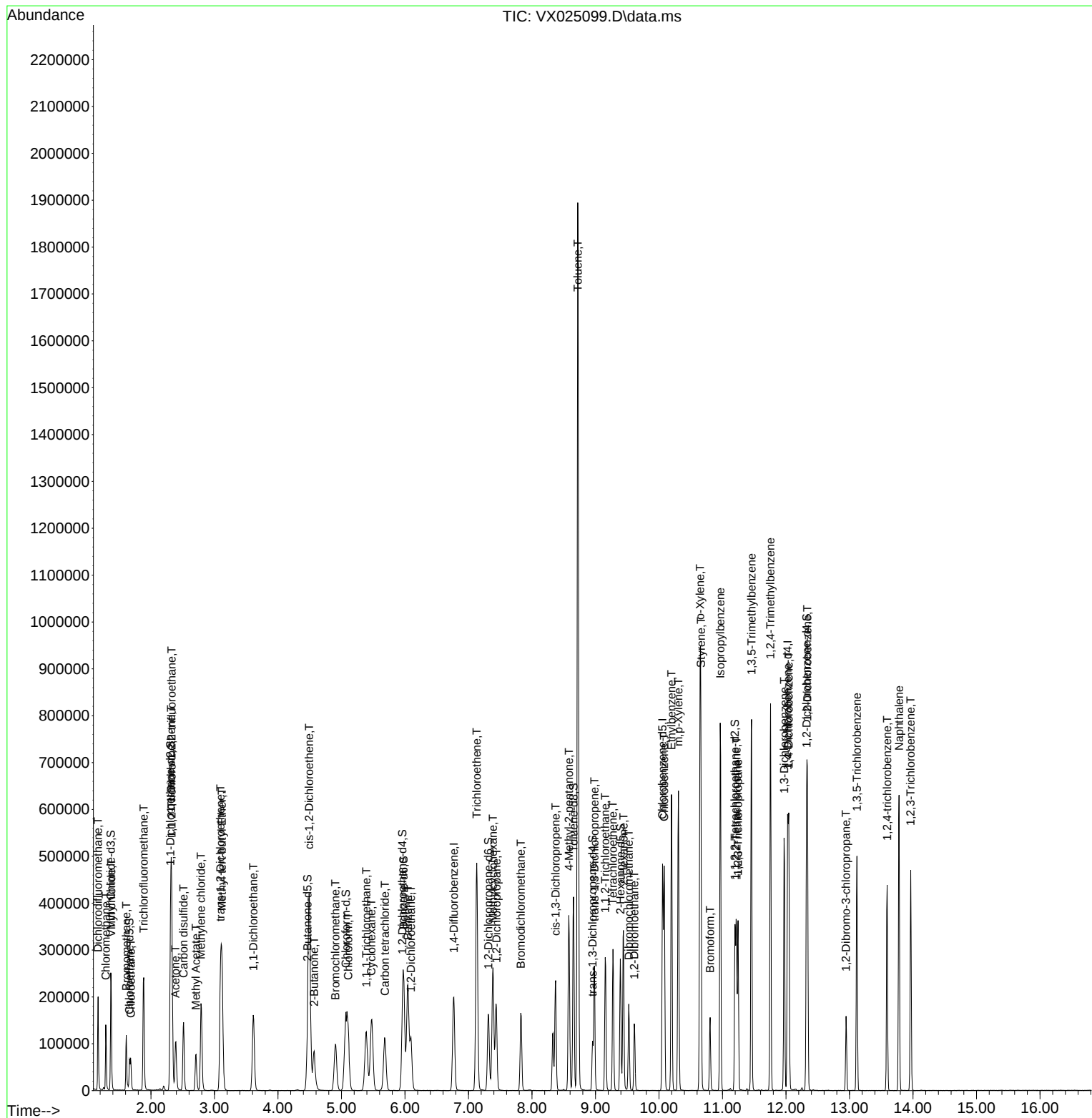
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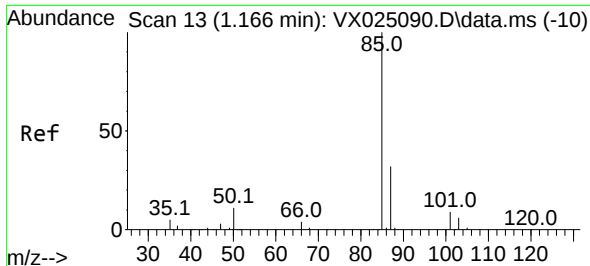
Instrument :
 MSVOA_X
 ClientSampleId :
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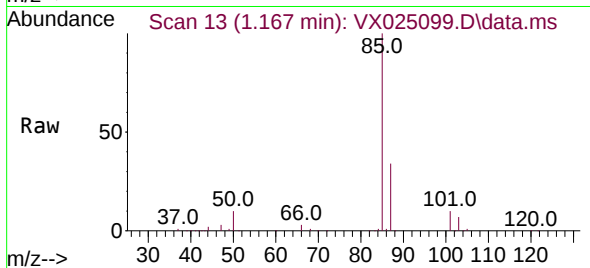
Reviewed By :John Carlone 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021





#2
Dichlorodifluoromethane
Concen: 55.887 ug/L
RT: 1.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

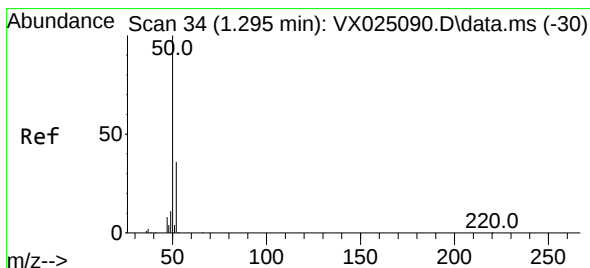
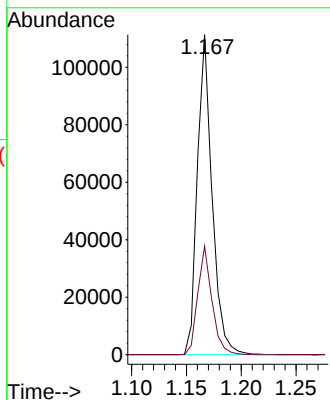
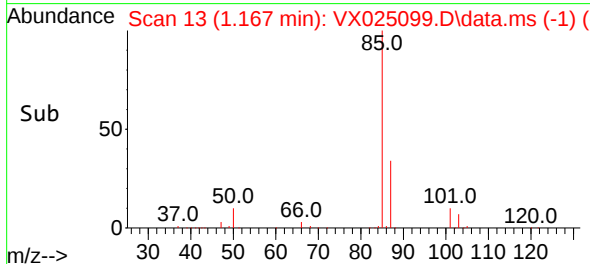
Instrument :
MSVOA_X
ClientSampleId :
GB7K1MEMS



Tgt Ion: 85 Resp: 10460
Ion Ratio Lower Upper
85 100
87 32.6 25.3 37.9

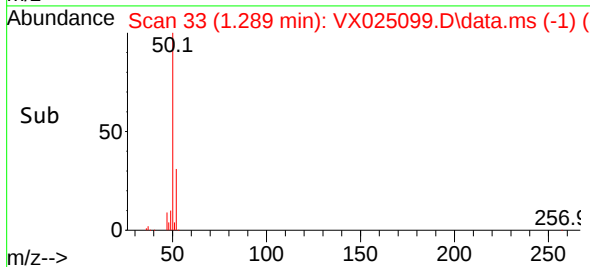
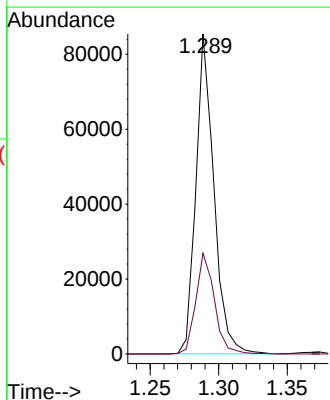
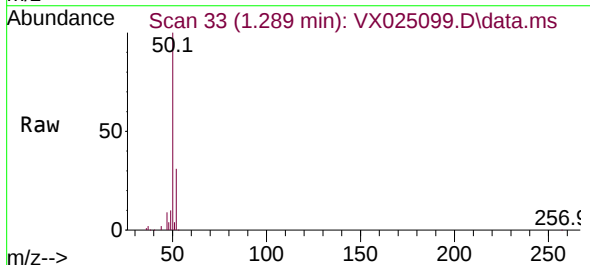
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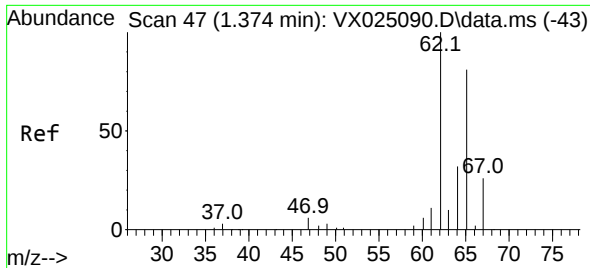
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#3
Chloromethane
Concen: 59.262 ug/L
RT: 1.289 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

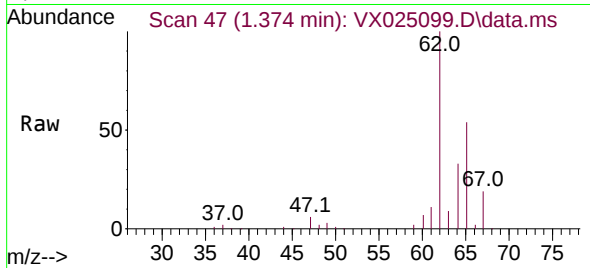
Tgt Ion: 50 Resp: 77951
Ion Ratio Lower Upper
50 100
52 31.4 28.0 52.0





#5
 Vinyl chloride
 Concen: 60.301 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX025099.D
 Acq: 08 Nov 2021 16:45

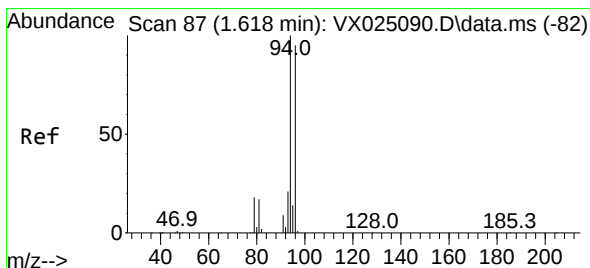
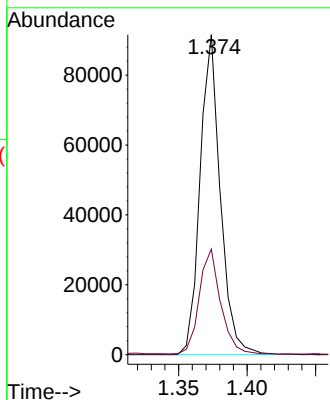
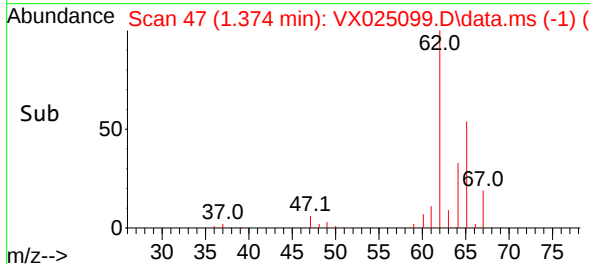
Instrument :
 MSVOA_X
 ClientSampleId :
 GB7K1MEMS



Tgt Ion: 62 Resp: 94130
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.6 43.8

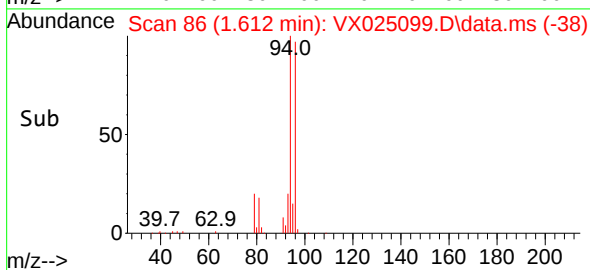
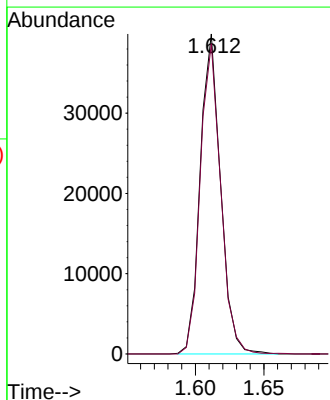
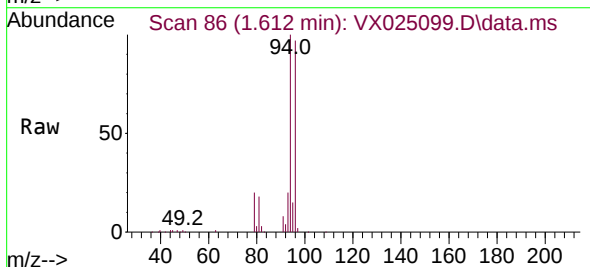
Manual Integrations
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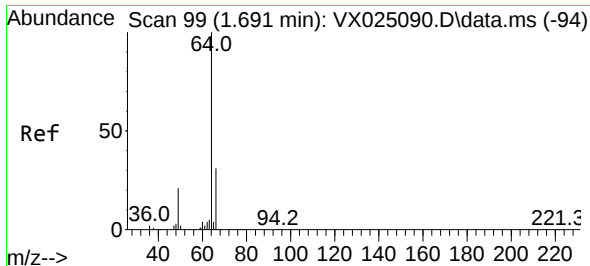
Reviewed By :John Carlone 11/19/2021
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#6
 Bromomethane
 Concen: 41.399 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. -0.006 min
 Lab File: VX025099.D
 Acq: 08 Nov 2021 16:45

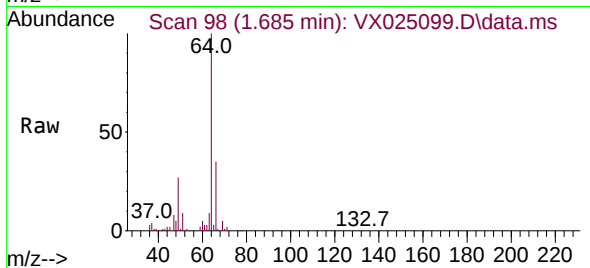
Tgt Ion: 94 Resp: 41212
 Ion Ratio Lower Upper
 94 100
 96 97.0 62.9 116.9





#8
Chloroethane
Concen: 34.677 ug/L
RT: 1.685 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

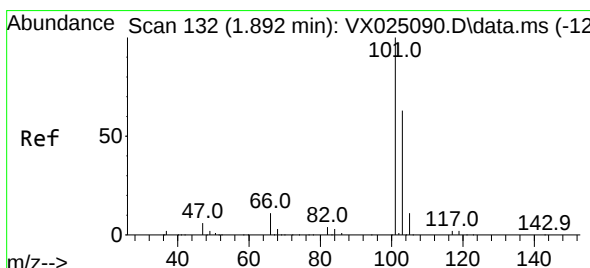
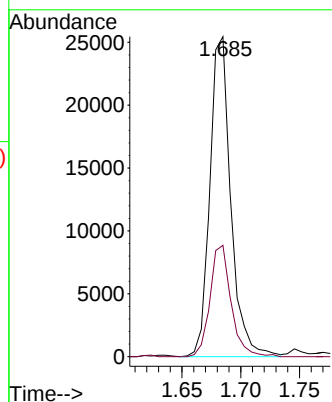
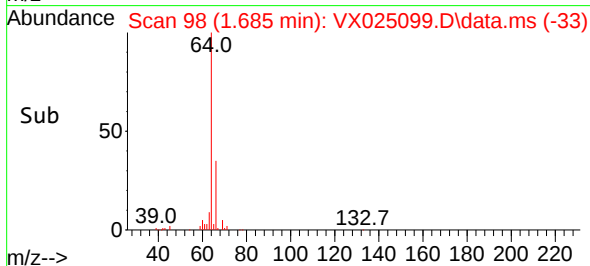
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 64 Resp: 3155
Ion Ratio Lower Upper
64 100
66 34.8 23.3 43.3

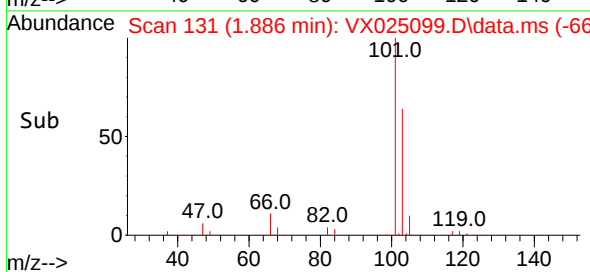
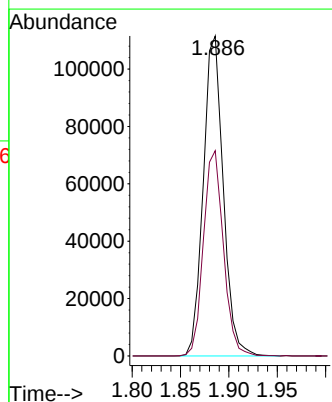
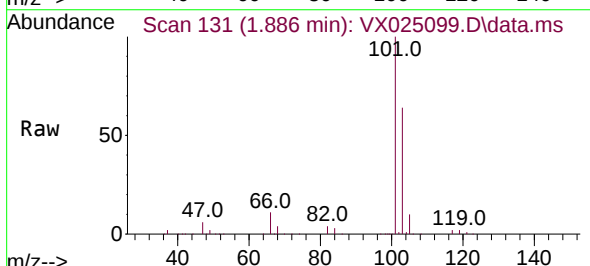
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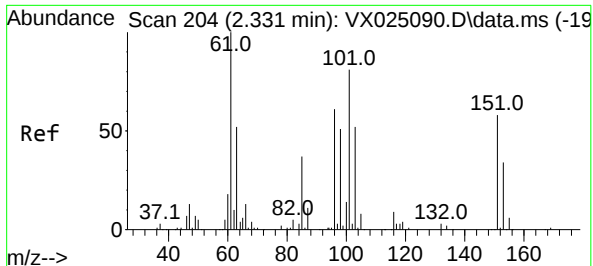
Reviewed By :John Carlone 11/19/2021
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#9
Trichlorofluoromethane
Concen: 55.798 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

Tgt Ion:101 Resp: 160857
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 62.244 ug/L

RT: 2.325 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX025099.D

Acq: 08 Nov 2021 16:45

Instrument :

MSVOA_X

ClientSampleId :

GB7K1MEMS

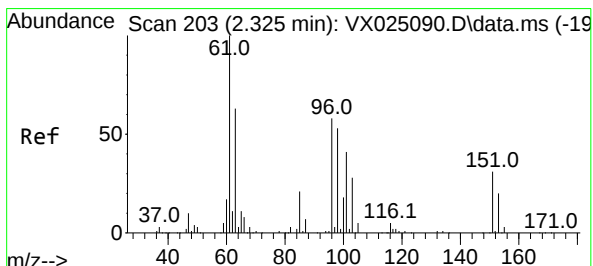
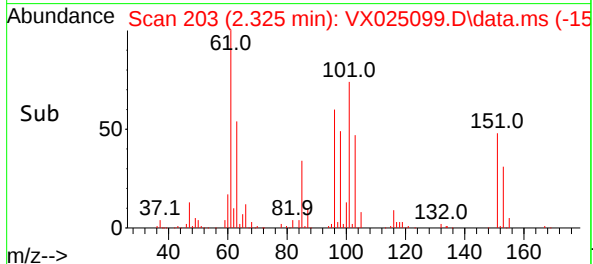
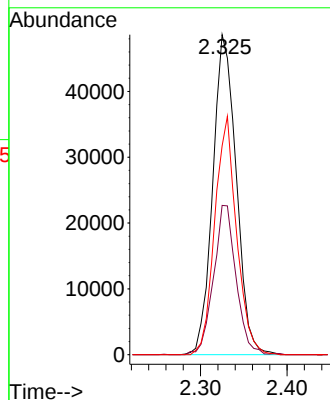
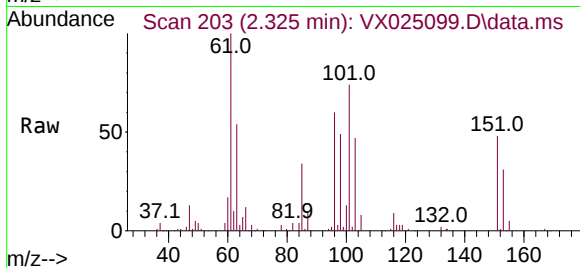
Tgt Ion:	101	Resp:	91544
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.3	52.9
151	69.3	62.3	93.5

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#12

1,1-Dichloroethene

Concen: 58.896 ug/L

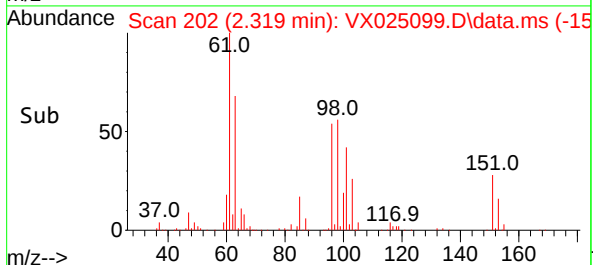
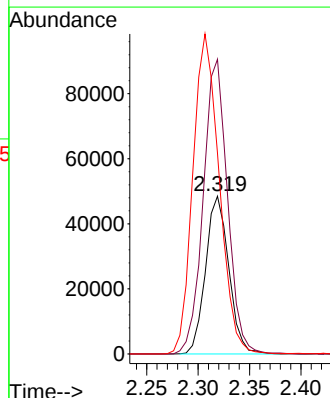
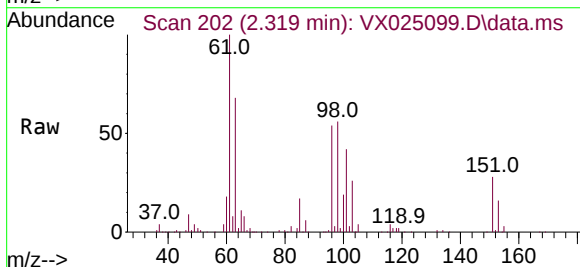
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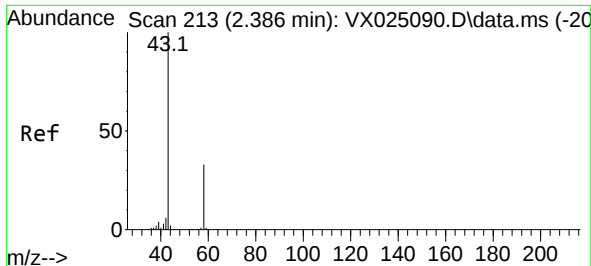
Delta R.T. -0.006 min

Lab File: VX025099.D

Acq: 08 Nov 2021 16:45

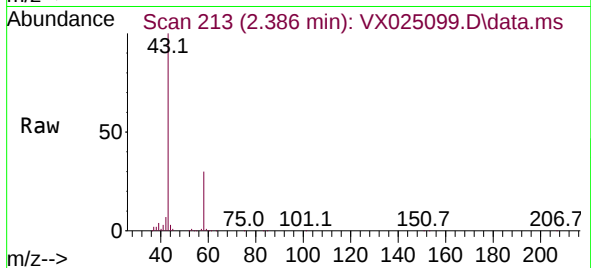
Tgt Ion:	96	Resp:	76178
Ion Ratio	Lower	Upper	
96	100		
61	186.8	109.9	204.1
63	127.3	92.4	171.6





#13
Acetone
Concen: 109.015 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

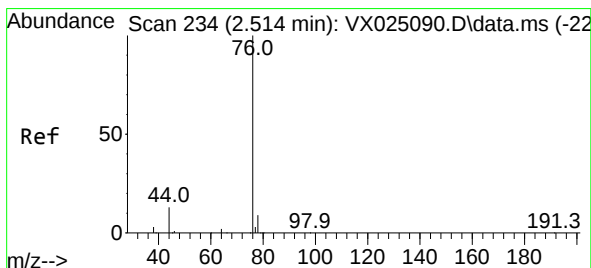
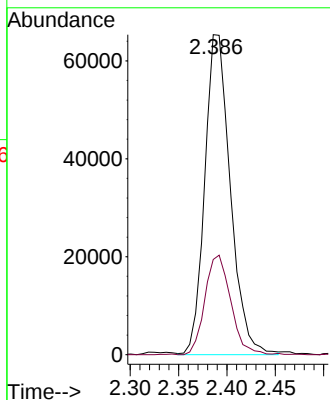
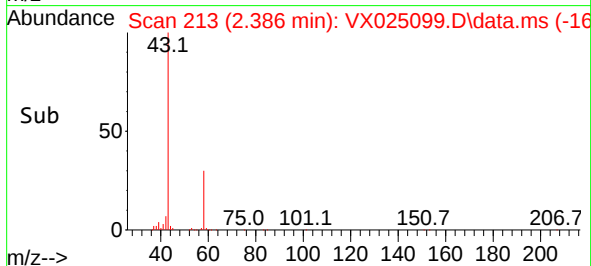
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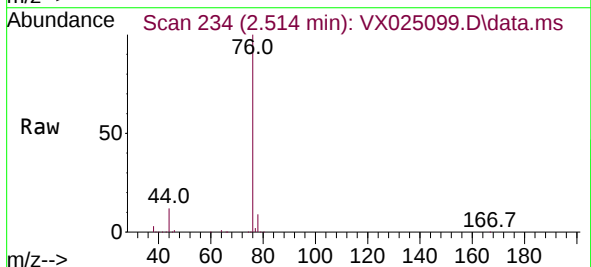
Tgt Ion: 43 Resp: 120770
Ion Ratio Lower Upper
43 100
58 31.1 0.0 64.8

Manual Integrations
APPROVED

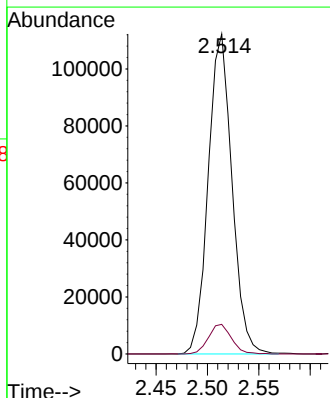
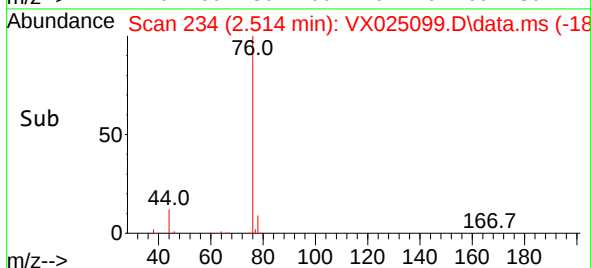
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

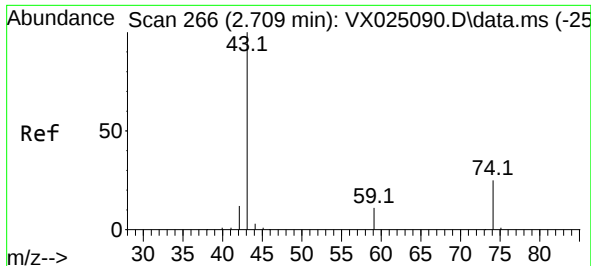


#14
Carbon disulfide
Concen: 53.710 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45



Tgt Ion: 76 Resp: 180364
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8





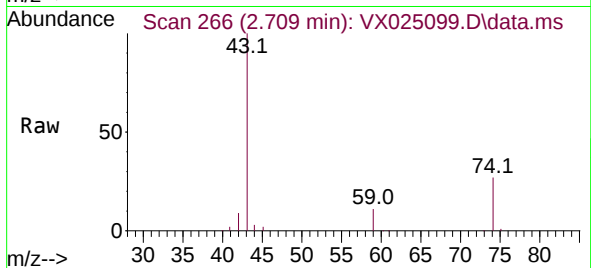
#15
Methyl Acetate
Concen: 57.617 ug/L
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

Instrument :

MSVOA_X

ClientSampleId :

GB7K1MEMS

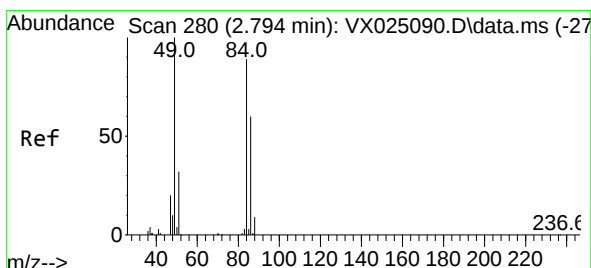
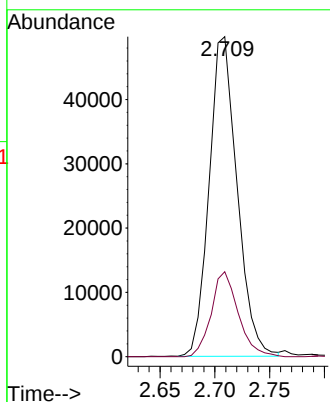
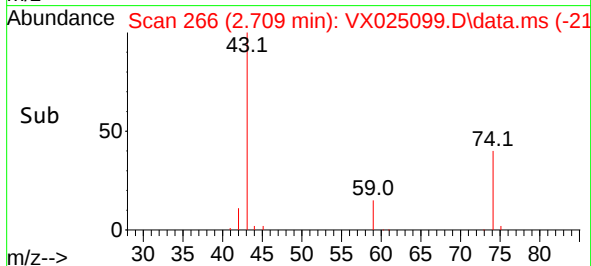


Tgt Ion: 43 Resp: 88262
Ion Ratio Lower Upper
43 100
74 25.7 28.6 42.8

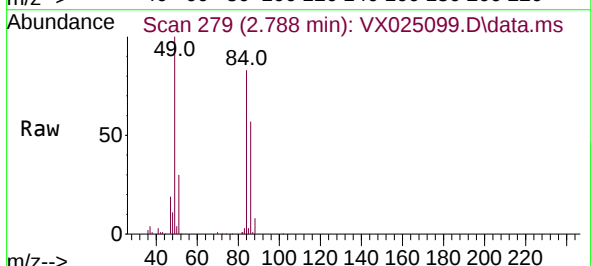
Manual Integrations

APPROVED

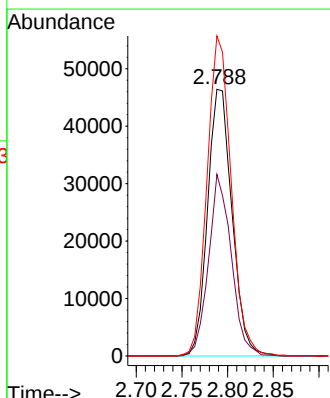
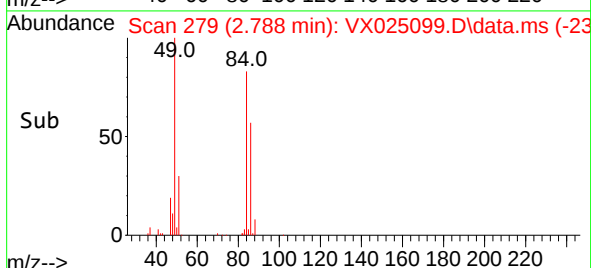
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

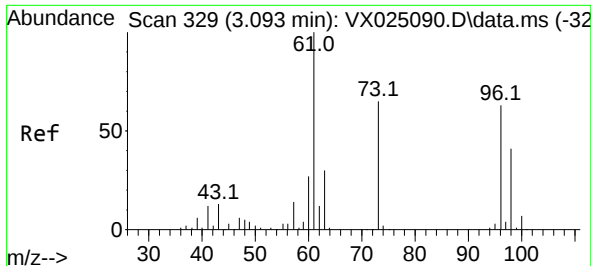


#16
Methylene chloride
Concen: 59.355 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45



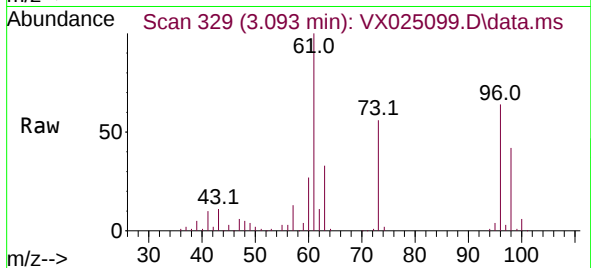
Tgt Ion: 84 Resp: 86322
Ion Ratio Lower Upper
84 100
86 68.1 44.4 82.5
49 120.0 64.0 118.8





#17
trans-1,2-Dichloroethene
Concen: 58.378 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

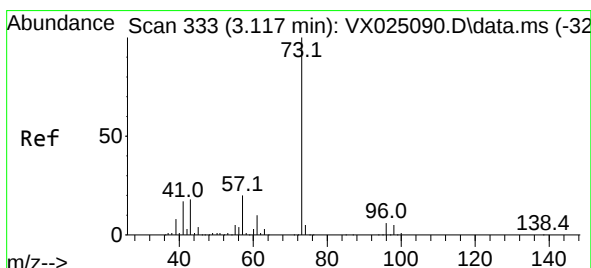
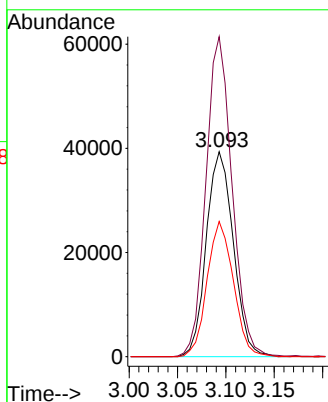
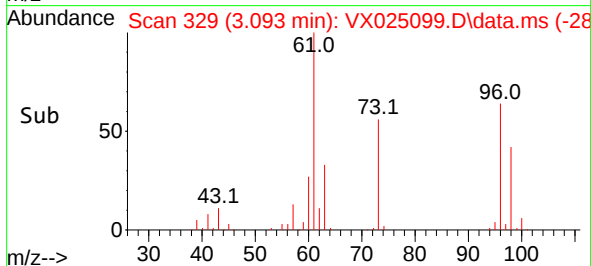
Instrument :
MSVOA_X
ClientSampleId :
GB7K1MEMS



Tgt Ion: 96 Resp: 76650
Ion Ratio Lower Upper
96 100
61 156.1 99.4 184.6
98 66.0 47.0 87.2

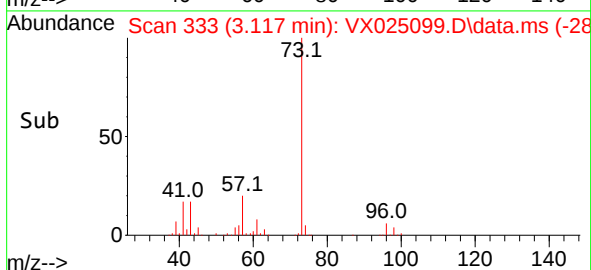
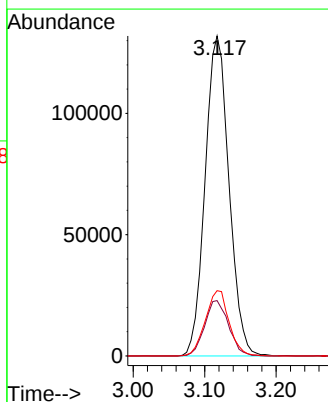
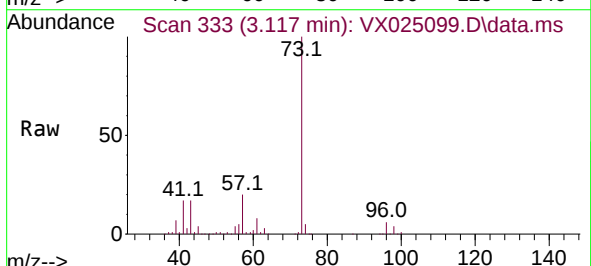
Manual Integrations
APPROVED

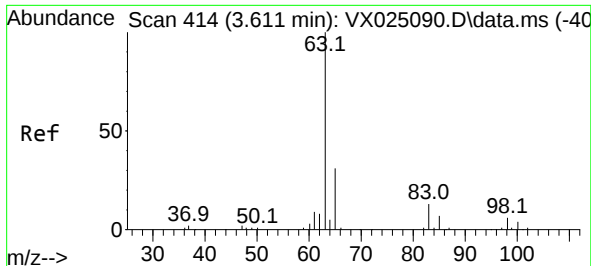
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#18
Methyl tert-butyl Ether
Concen: 60.098 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

Tgt Ion: 73 Resp: 306019
Ion Ratio Lower Upper
73 100
43 17.3 12.4 18.6
57 20.2 13.2 19.8#





#19

1,1-Dichloroethane

Concen: 65.714 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX025099.D

Acq: 08 Nov 2021 16:45

Instrument :

MSVOA_X

ClientSampleId :

GB7K1MEMS

Tgt Ion: 63 Resp: 18017

Ion Ratio Lower Upper

63 100

65 33.0 24.5 45.5

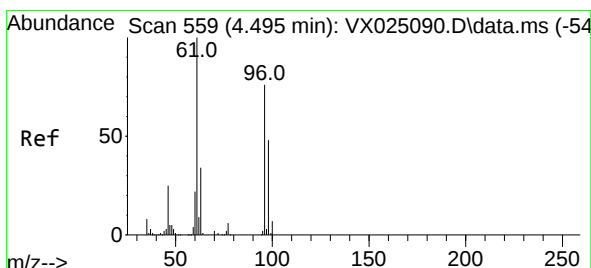
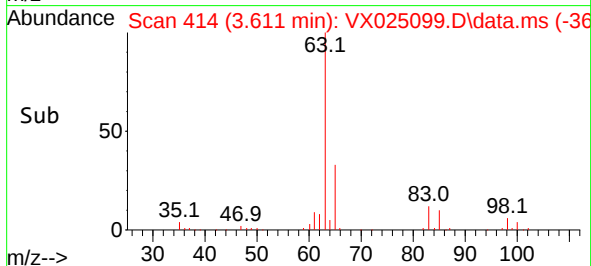
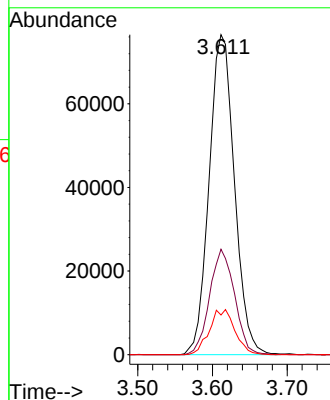
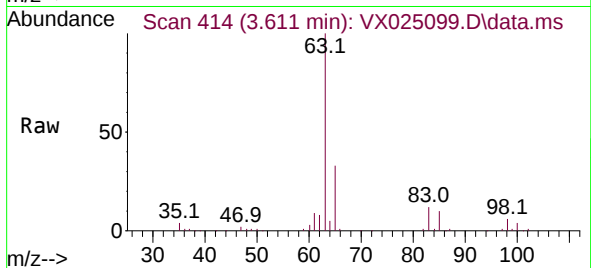
83 12.4 11.7 21.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/19/2021



#20

cis-1,2-Dichloroethene

Concen: 147.248 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX025099.D

Acq: 08 Nov 2021 16:45

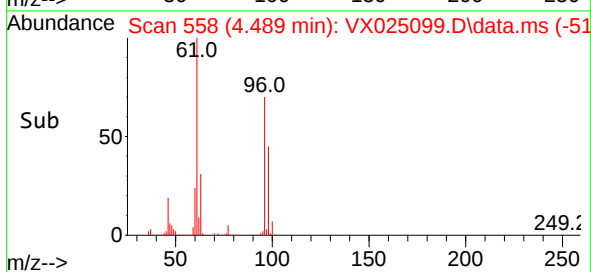
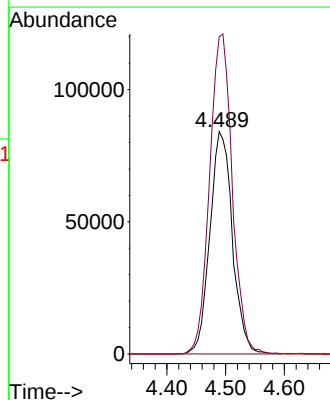
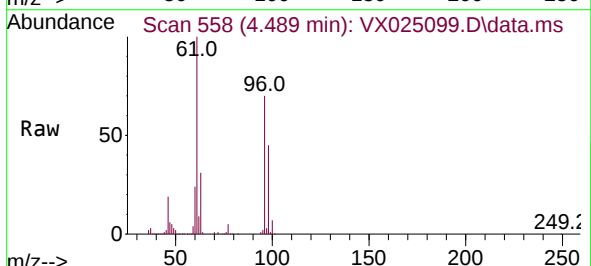
Tgt Ion: 96 Resp: 223911

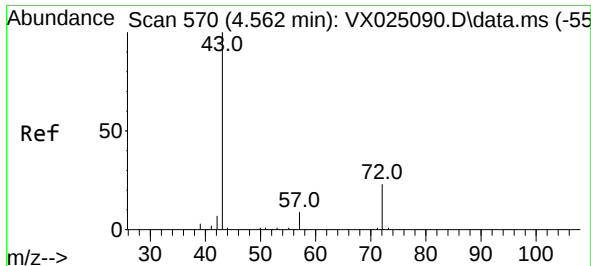
Ion Ratio Lower Upper

96 100

61 142.6 82.6 153.4

68 0.0 0.0 0.0





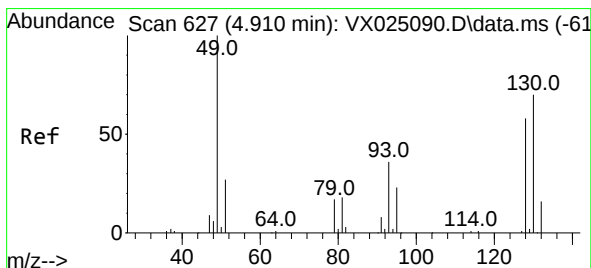
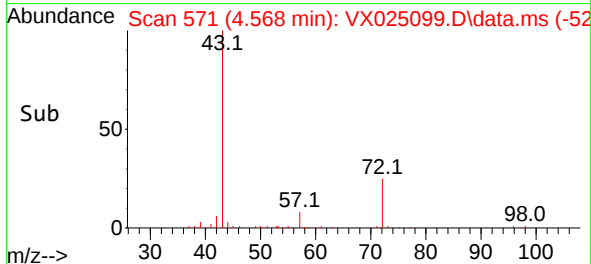
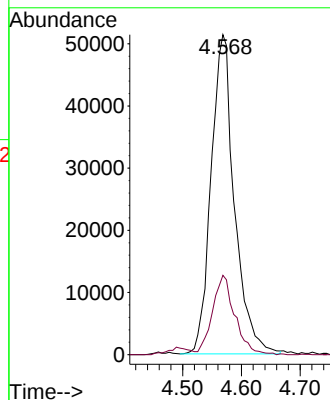
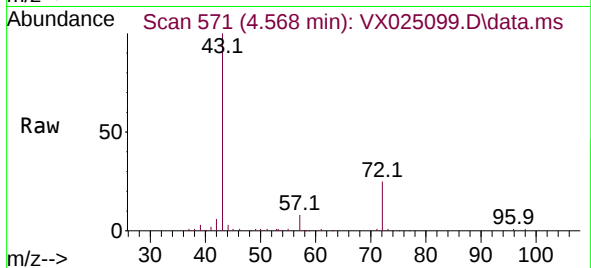
#22
2-Butanone
Concen: 107.322 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

Instrument :
MSVOA_X
ClientSampleId :
GB7K1MEMS

Tgt Ion: 43 Resp: 14121
Ion Ratio Lower Upper
43 100
72 23.7 18.4 55.0

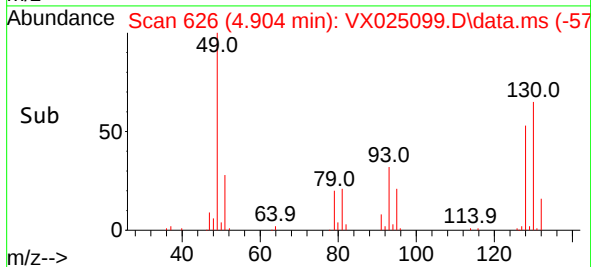
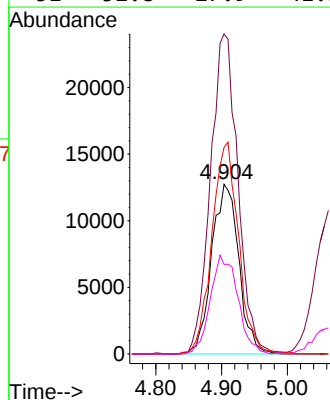
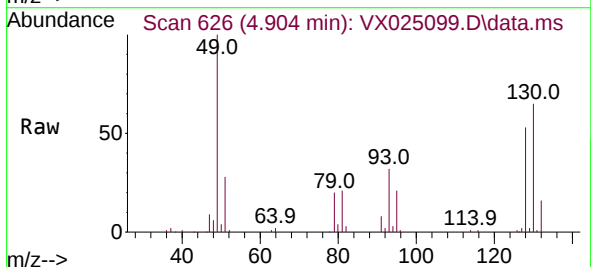
Manual Integrations
APPROVED

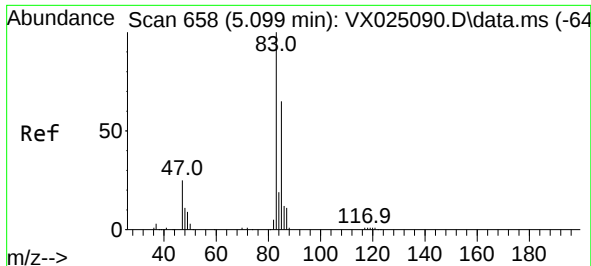
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#23
Bromochloromethane
Concen: 51.070 ug/L
RT: 4.904 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

Tgt Ion:128 Resp: 36566
Ion Ratio Lower Upper
128 100
49 188.6 71.5 132.7#
130 121.7 84.3 156.5
51 52.8 27.9 41.9#





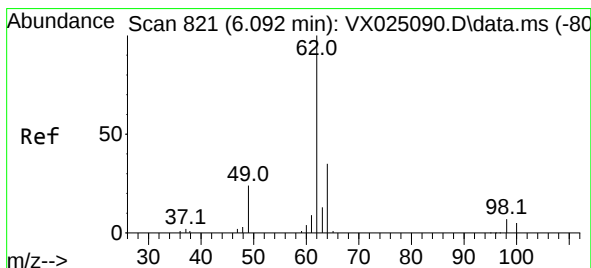
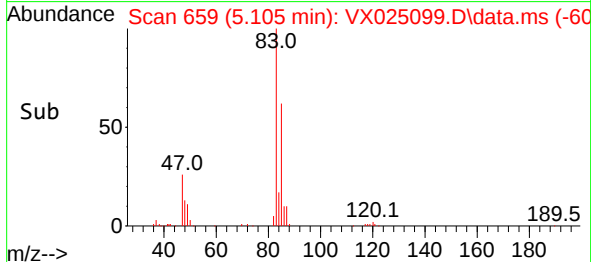
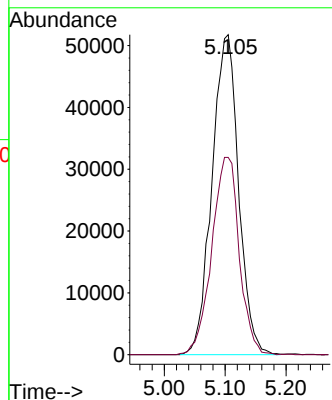
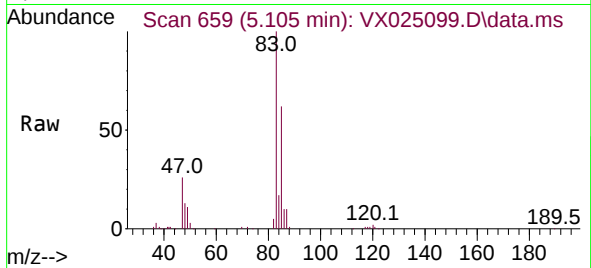
#25
Chloroform
Concen: 51.873 ug/L
RT: 5.105 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

Instrument :
MSVOA_X
ClientSampleId :
GB7K1MEMS

Tgt Ion: 83 Resp: 15698
Ion Ratio Lower Upper
83 100
85 61.6 46.3 86.1

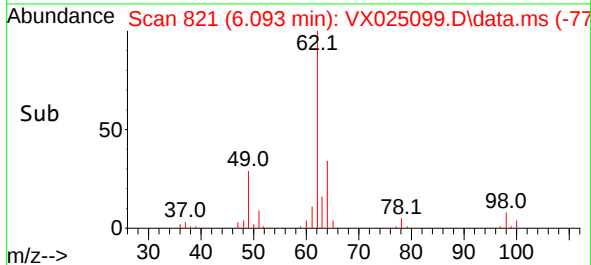
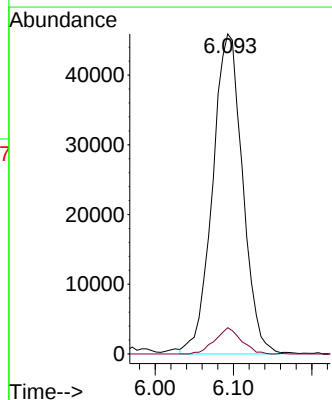
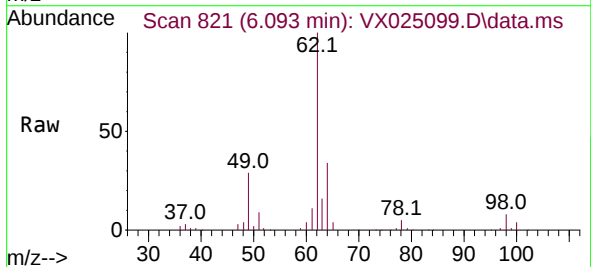
Manual Integrations
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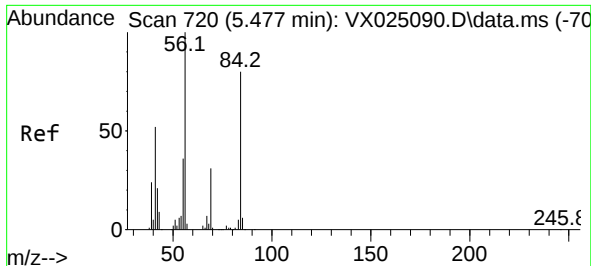
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#27
1,2-Dichloroethane
Concen: 52.317 ug/L
RT: 6.093 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

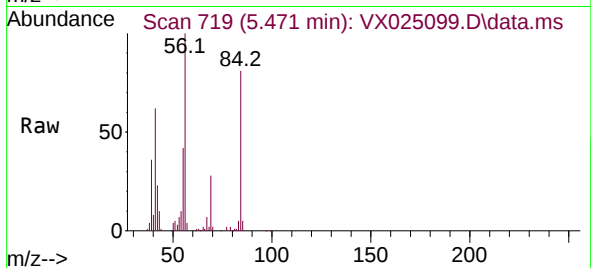
Tgt Ion: 62 Resp: 122290
Ion Ratio Lower Upper
62 100
98 8.2 5.5 8.3





#29
Cyclohexane
Concen: 36.047 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

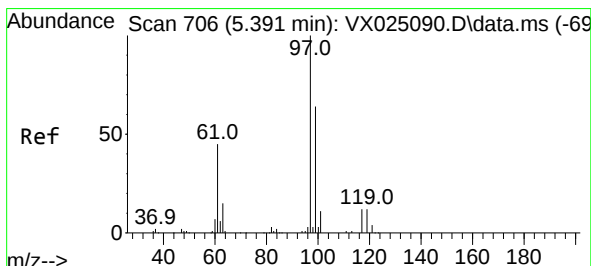
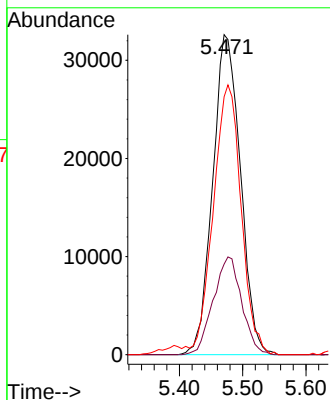
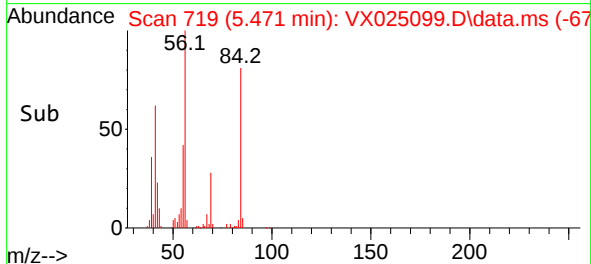
Instrument :
MSVOA_X
ClientSampleId :
GB7K1MEMS



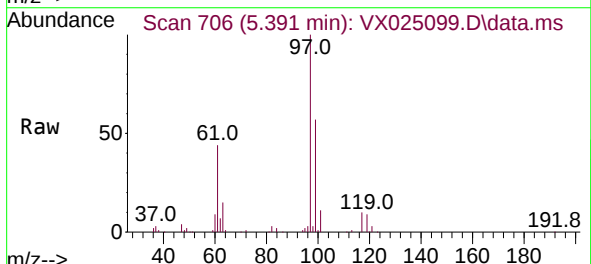
Tgt Ion: 56 Resp: 99440
Ion Ratio Lower Upper
56 100
69 31.2 30.8 46.2
84 84.3 86.8 130.2

Manual Integrations
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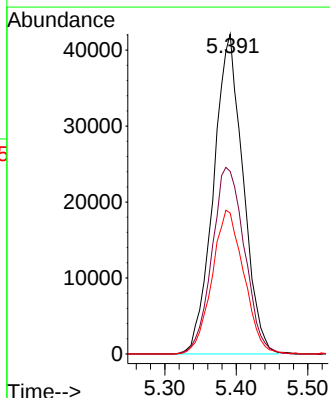
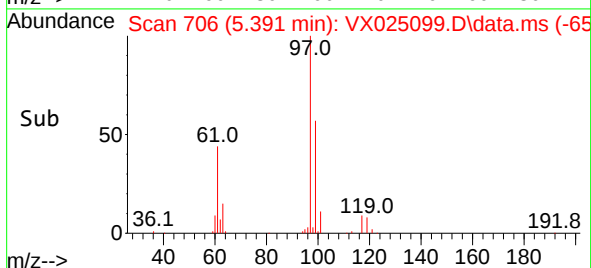
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

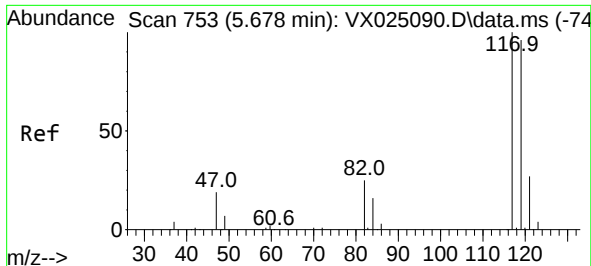


#30
1,1,1-Trichloroethane
Concen: 37.030 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45



Tgt Ion: 97 Resp: 120908
Ion Ratio Lower Upper
97 100
99 64.2 53.1 79.7
61 48.4 26.3 39.5





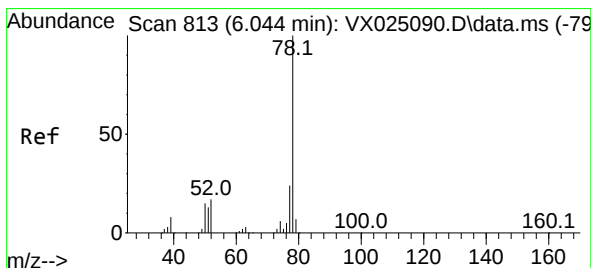
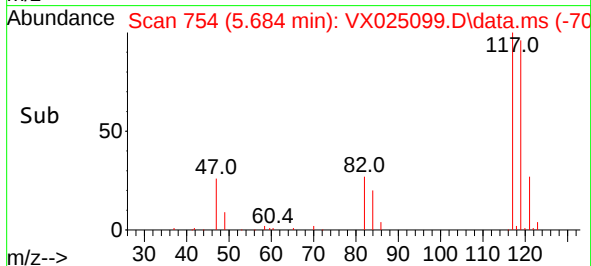
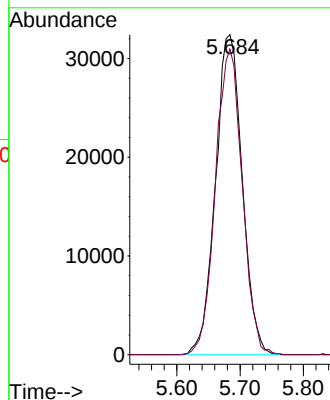
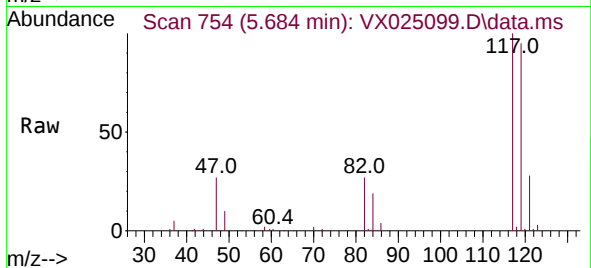
#31
Carbon tetrachloride
Concen: 36.400 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

Instrument :
MSVOA_X
ClientSampleId :
GB7K1MEMS

Tgt Ion:117 Resp: 9532
Ion Ratio Lower Upper
117 100
119 95.1 76.0 114.0

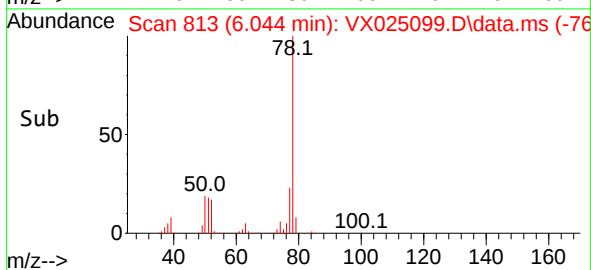
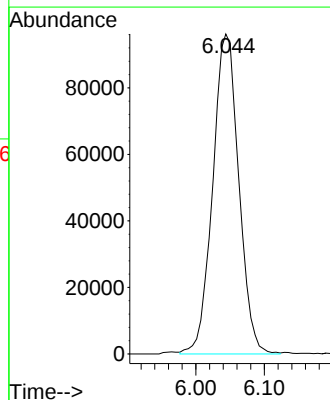
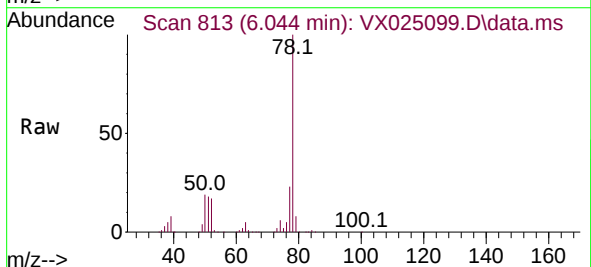
Manual Integrations
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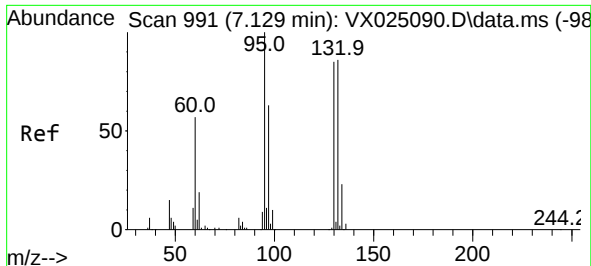
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#33
Benzene
Concen: 37.452 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

Tgt Ion: 78 Resp: 253994





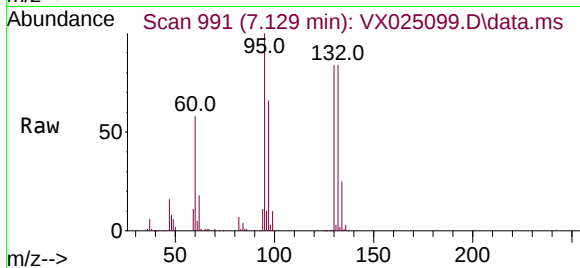
#34
Trichloroethene
Concen: 107.590 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

Instrument :

MSVOA_X

ClientSampleId :

GB7K1MEMS



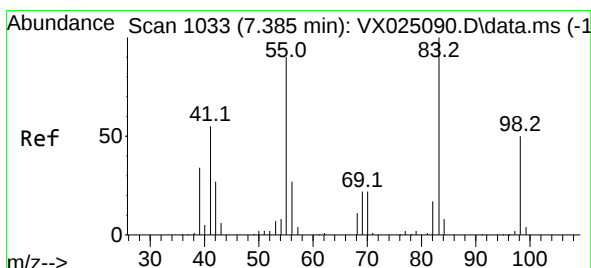
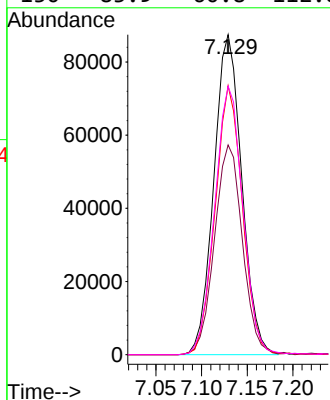
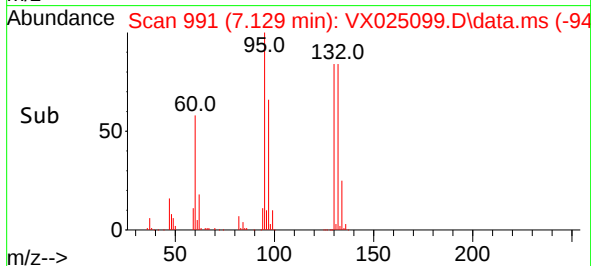
Tgt Ion: 95 Resp: 185864
Ion Ratio Lower Upper
95 100
97 65.6 44.2 82.2
132 84.0 60.1 111.5
130 83.9 60.8 112.8

Manual Integrations

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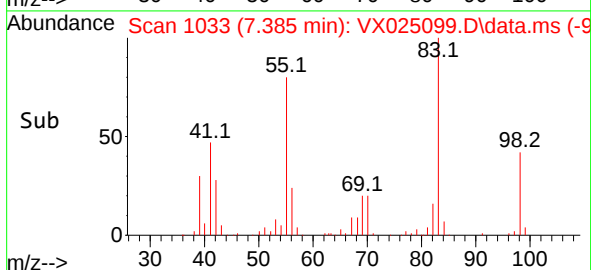
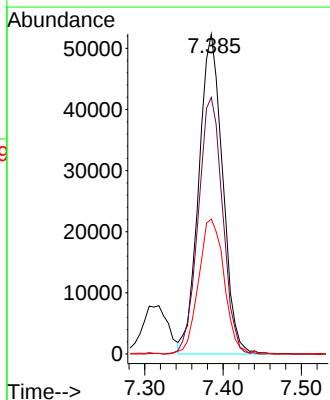
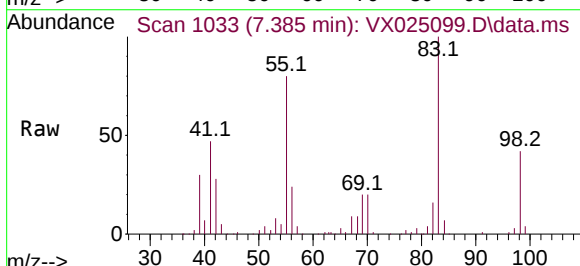
Reviewed By :John Carlone 11/19/2021

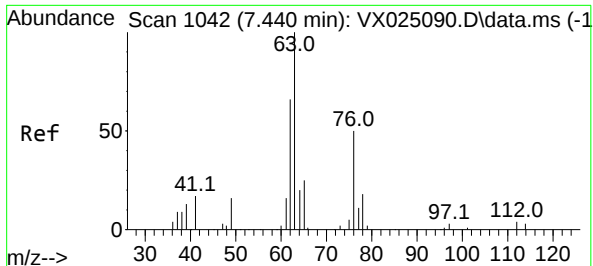
Supervised By :Mahesh Dadoda 11/19/2021



#35
Methylcyclohexane
Concen: 43.074 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

Tgt Ion: 83 Resp: 110682
Ion Ratio Lower Upper
83 100
55 81.6 52.6 79.0#
98 44.9 37.9 56.9





#37

1,2-Dichloropropane

Concen: 43.728 ug/L

RT: 7.440 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VX025099.D

Acq: 08 Nov 2021 16:45

Instrument :

MSVOA_X

ClientSampleId :

GB7K1MEMS

Tgt Ion: 63 Resp: 68869

Ion Ratio Lower Upper

63 100

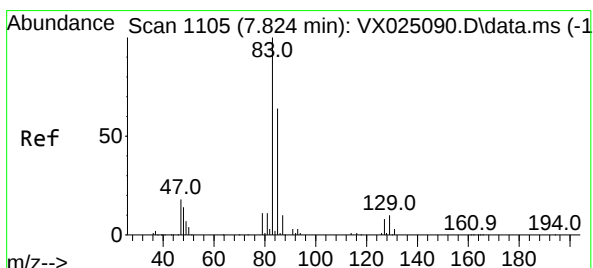
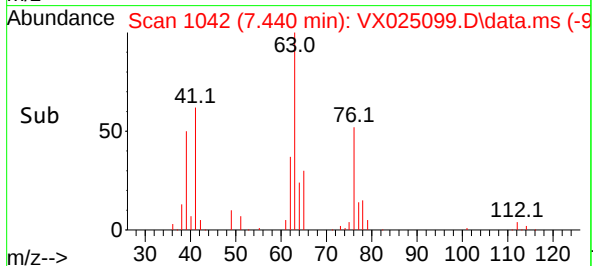
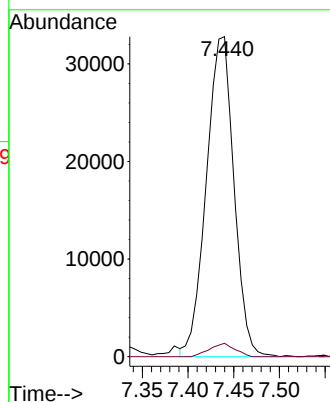
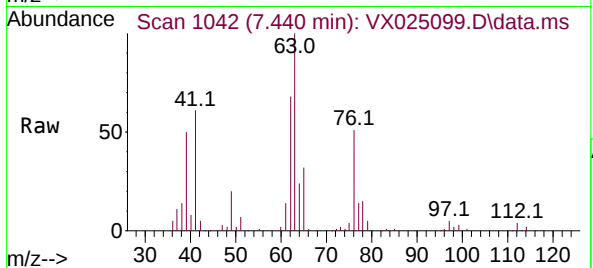
112 3.8 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/19/2021



#38

Bromodichloromethane

Concen: 44.587 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX025099.D

Acq: 08 Nov 2021 16:45

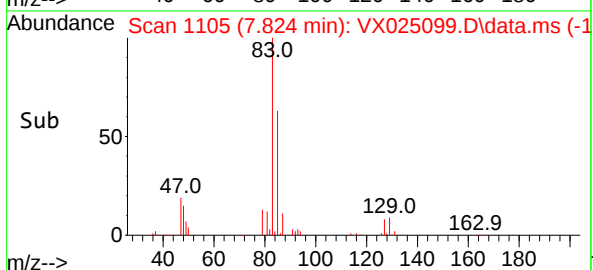
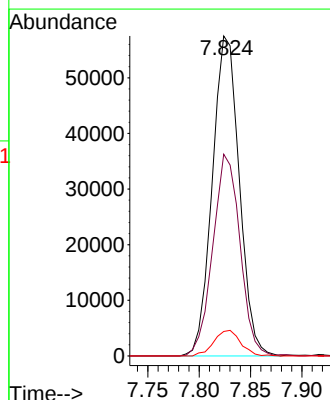
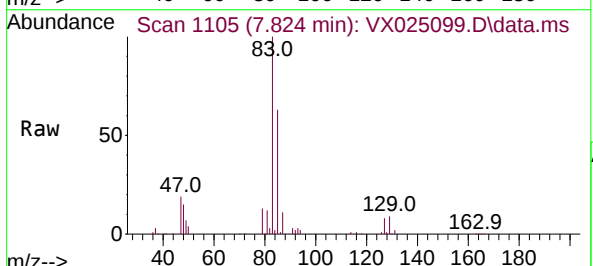
Tgt Ion: 83 Resp: 105047

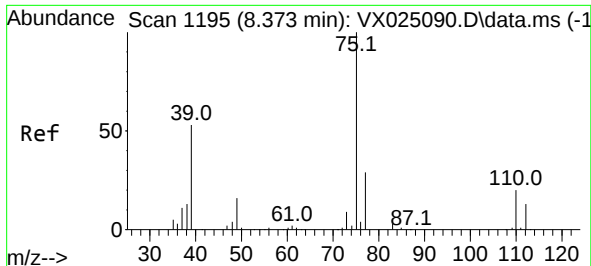
Ion Ratio Lower Upper

83 100

85 63.1 46.8 87.0

127 7.6 8.2 12.2#





#39

cis-1,3-Dichloropropene

Concen: 46.632 ug/L

RT: 8.373 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX025099.D

Acq: 08 Nov 2021 16:45

Instrument :

MSVOA_X

ClientSampleId :

GB7K1MEMS

Tgt Ion: 75 Resp: 118539

Ion Ratio Lower Upper

75 100

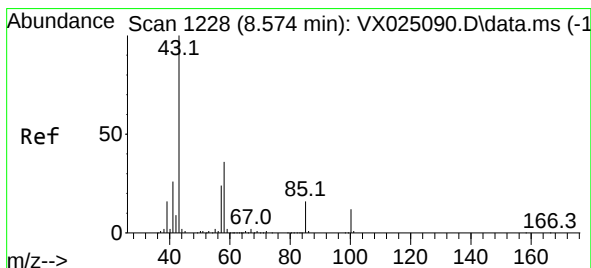
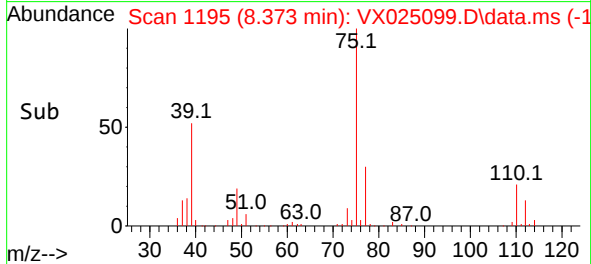
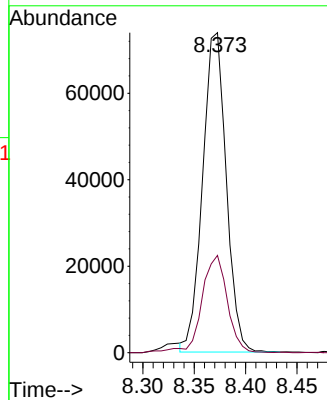
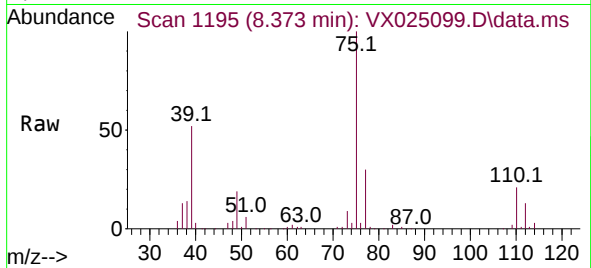
77 30.4 23.1 42.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/19/2021



#40

4-Methyl-2-pentanone

Concen: 96.114 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX025099.D

Acq: 08 Nov 2021 16:45

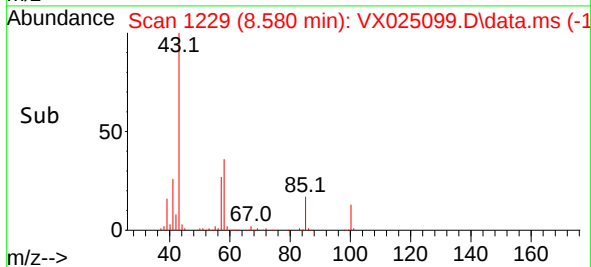
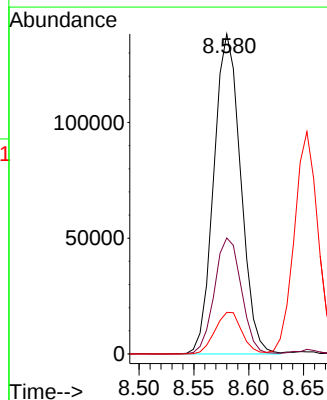
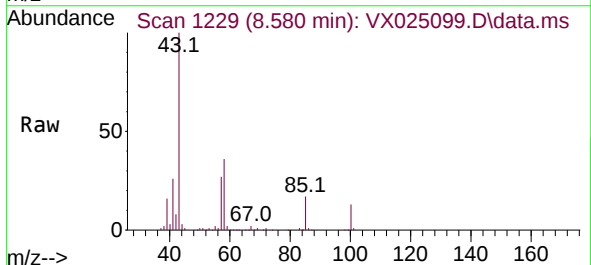
Tgt Ion: 43 Resp: 235869

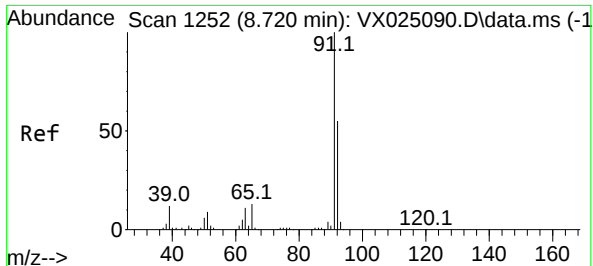
Ion Ratio Lower Upper

43 100

58 36.4 41.3 61.9#

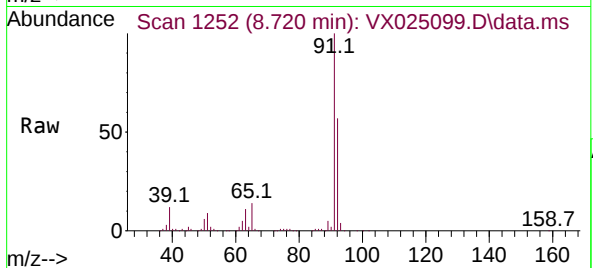
100 13.1 19.6 29.4#





#42
Toluene
Concen: 178.070 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

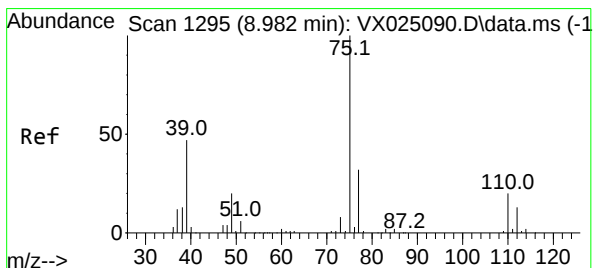
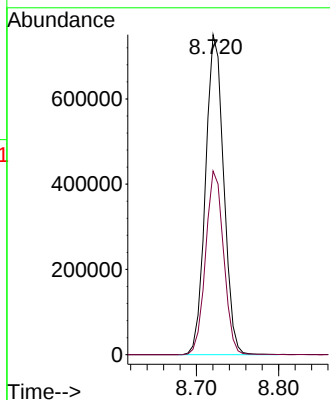
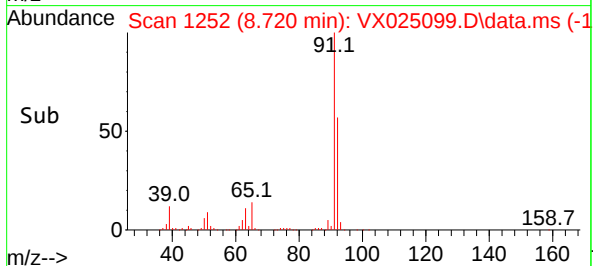
Instrument :
MSVOA_X
ClientSampleId :
GB7K1MEMS



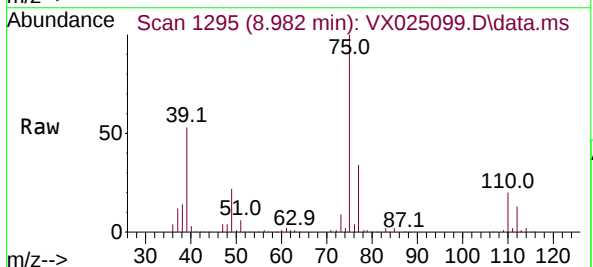
Tgt Ion: 91 Resp: 1149690
Ion Ratio Lower Upper
91 100
92 57.4 39.3 72.9

Manual Integrations
APPROVED

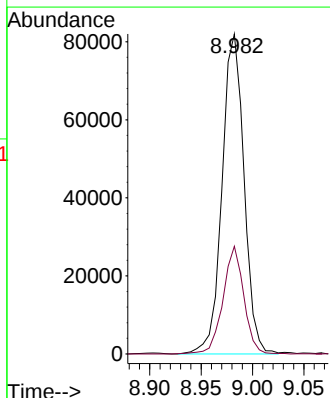
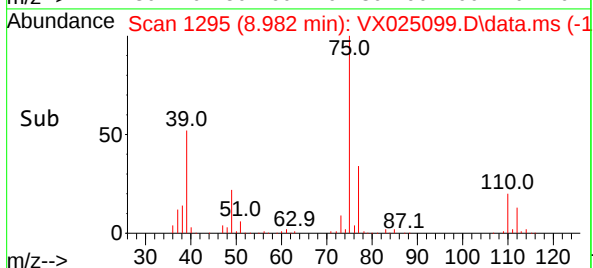
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

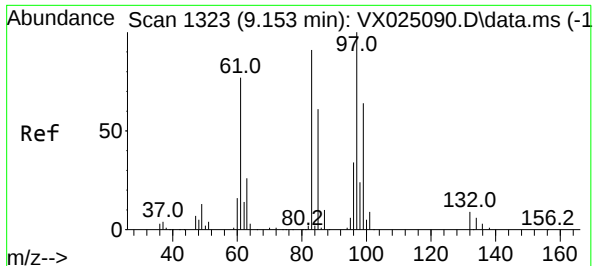


#44
trans-1,3-Dichloropropene
Concen: 47.864 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45



Tgt Ion: 75 Resp: 121991
Ion Ratio Lower Upper
75 100
77 33.7 23.4 43.6





#45

1,1,2-Trichloroethane

Concen: 47.855 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX025099.D

Acq: 08 Nov 2021 16:45

Instrument :

MSVOA_X

ClientSampleId :

GB7K1MEMS

Tgt Ion: 97 Resp: 6951

Ion Ratio Lower Upper

97 100

99 63.7 43.5 80.7

83 87.5 58.2 108.0

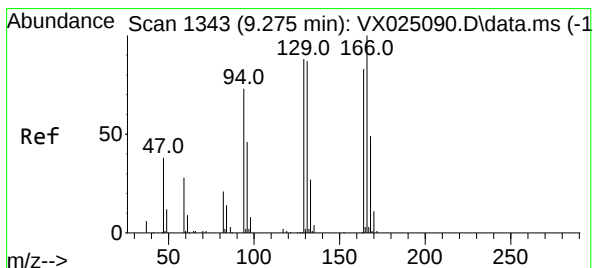
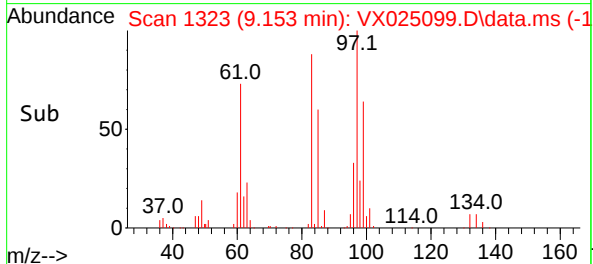
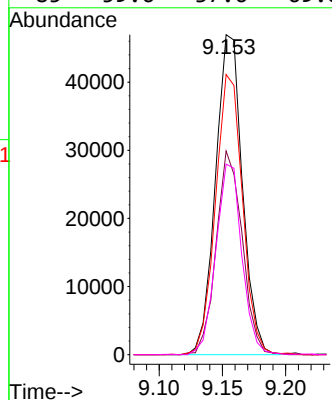
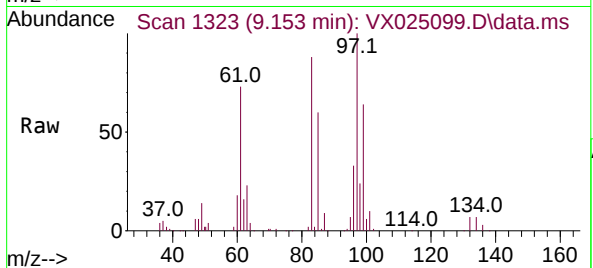
85 59.6 37.6 69.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/19/2021



#46

Tetrachloroethene

Concen: 47.955 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX025099.D

Acq: 08 Nov 2021 16:45

Tgt Ion:164 Resp: 45874

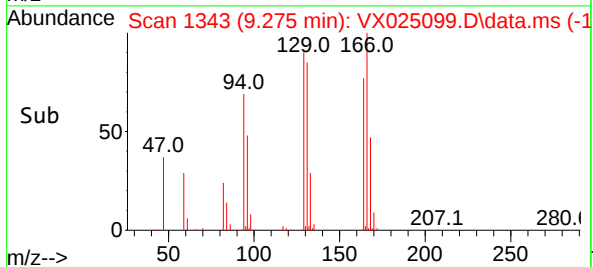
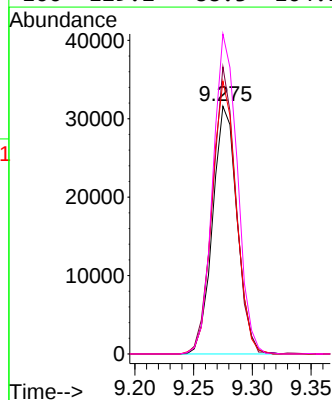
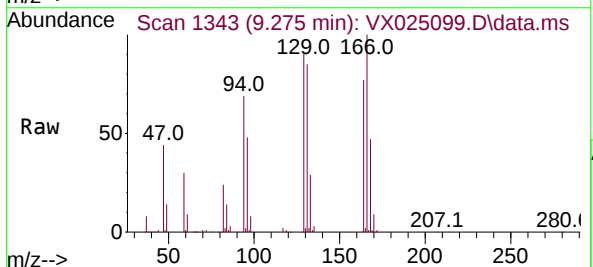
Ion Ratio Lower Upper

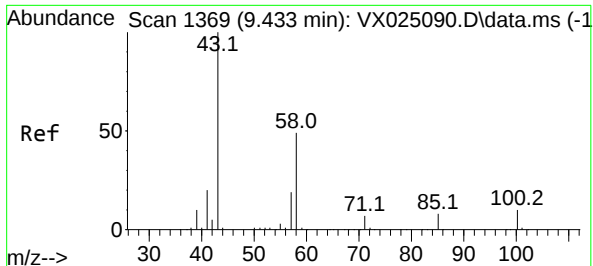
164 100

129 115.9 78.5 145.7

131 110.1 70.5 130.9

166 129.2 88.3 164.1





#48

2-Hexanone

Concen: 96.825 ug/L

RT: 9.439 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VX025099.D

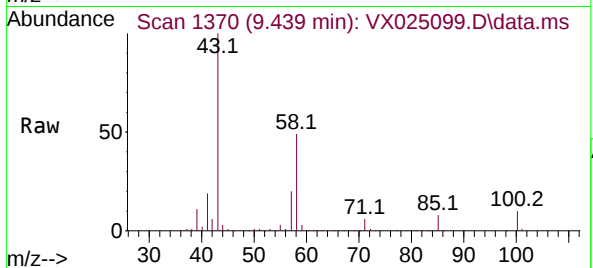
Acq: 08 Nov 2021 16:45

Instrument :

MSVOA_X

ClientSampleId :

GB7K1MEMS



Tgt Ion: 43 Resp: 19553

Ion Ratio Lower Upper

43 100

58 49.7 56.0 84.0

57 18.9 20.4 30.6

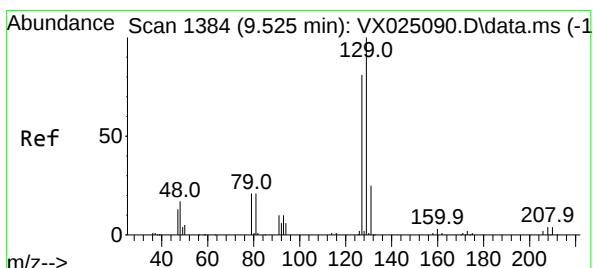
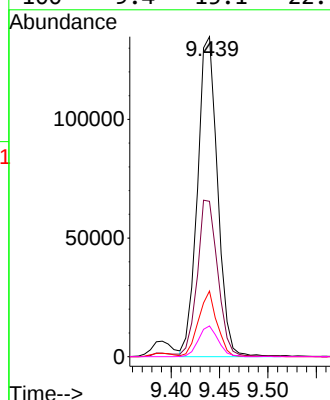
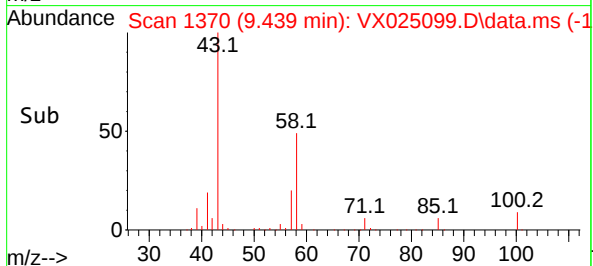
100 9.4 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/19/2021



#49

Dibromochloromethane

Concen: 47.260 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX025099.D

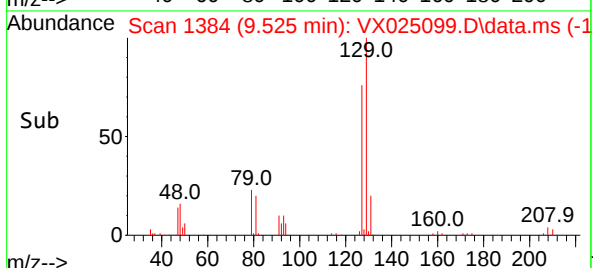
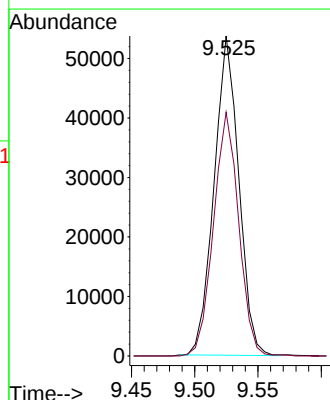
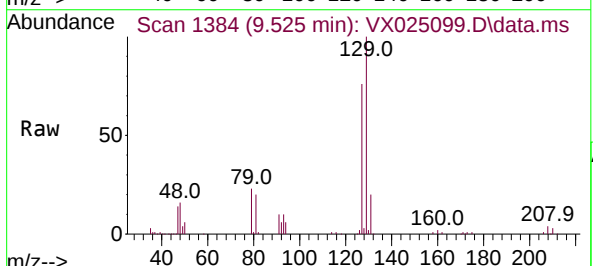
Acq: 08 Nov 2021 16:45

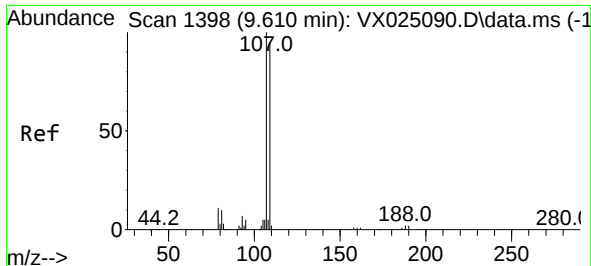
Tgt Ion:129 Resp: 72837

Ion Ratio Lower Upper

129 100

127 76.1 54.1 100.5





#50

1,2-Dibromoethane

Concen: 48.133 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX025099.D

Acq: 08 Nov 2021 16:45

Instrument :

MSVOA_X

ClientSampleId :

GB7K1MEMS

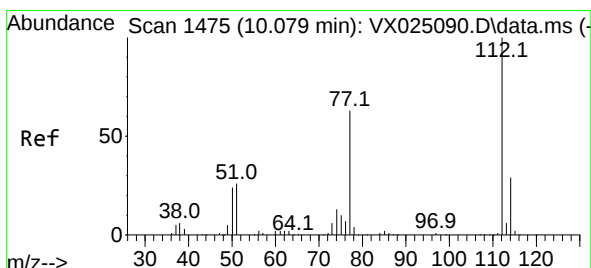
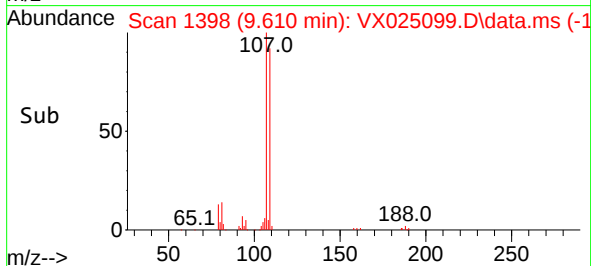
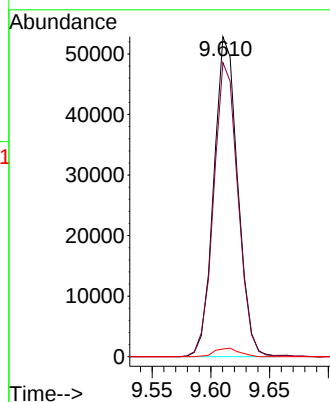
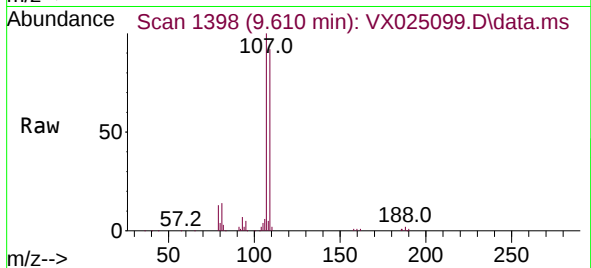
Tgt Ion:	107	Resp:	7463
Ion Ratio	Lower	Upper	
107	100		
109	91.9	63.8	118.6
188	2.4	2.2	3.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/19/2021



#51

Chlorobenzene

Concen: 48.202 ug/L

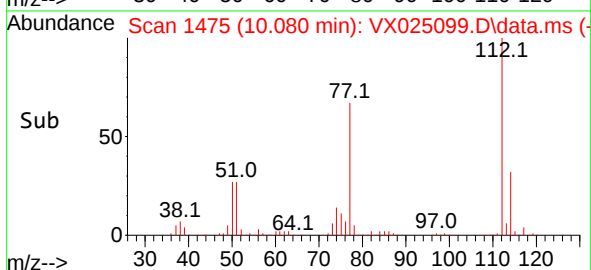
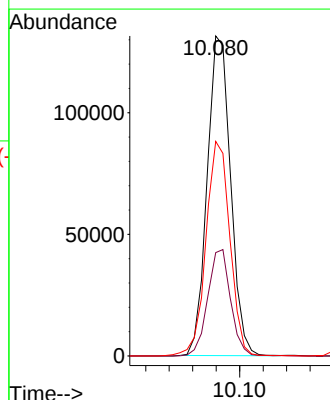
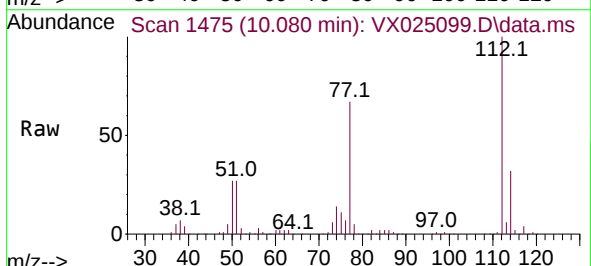
RT: 10.080 min Scan# 1475

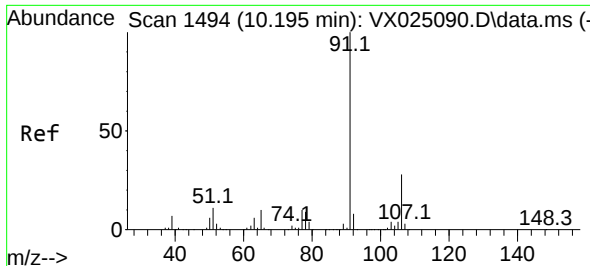
Delta R.T. 0.000 min

Lab File: VX025099.D

Acq: 08 Nov 2021 16:45

Tgt Ion:	112	Resp:	182290
Ion Ratio	Lower	Upper	
112	100		
114	32.3	22.7	42.3
77	67.1	46.8	70.2





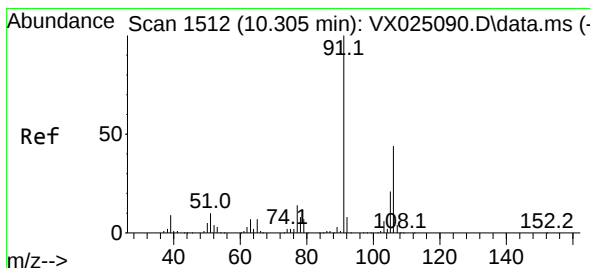
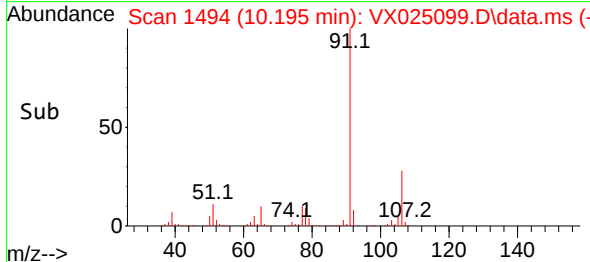
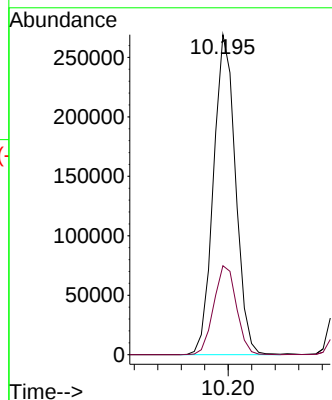
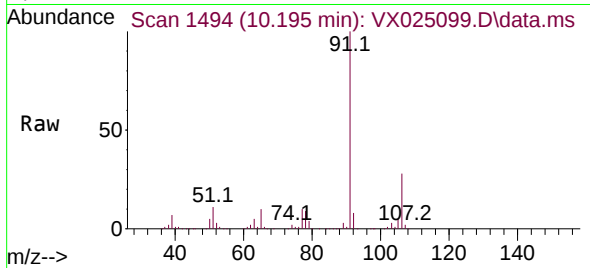
#52
Ethylbenzene
Concen: 50.617 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

Instrument :
MSVOA_X
ClientSampleId :
GB7K1MEMS

Tgt Ion: 91 Resp: 351362
Ion Ratio Lower Upper
91 100
106 27.8 20.2 37.6

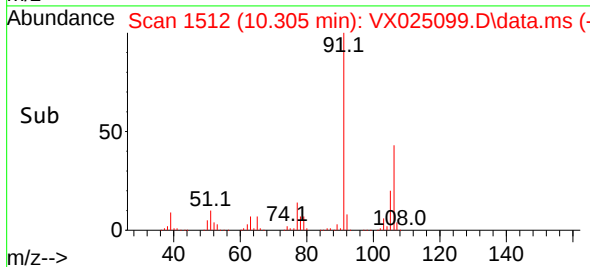
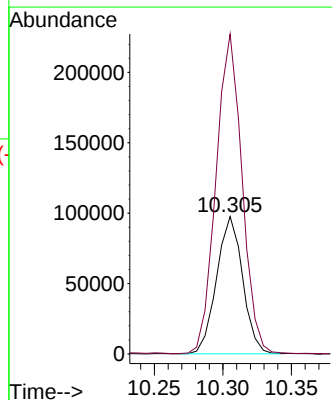
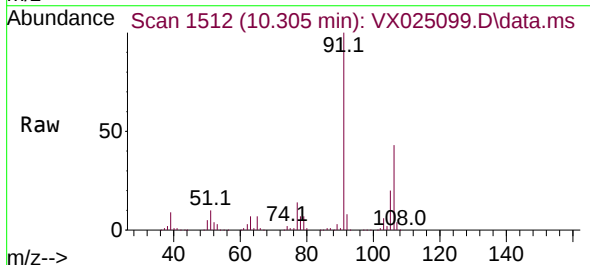
Manual Integrations
APPROVED

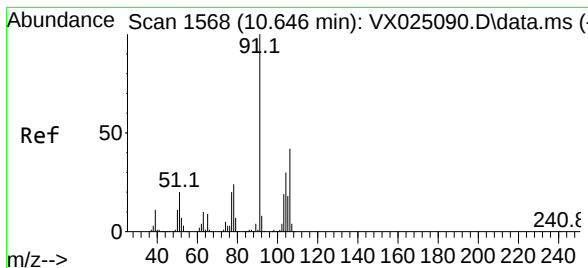
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#53
m,p-Xylene
Concen: 51.007 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

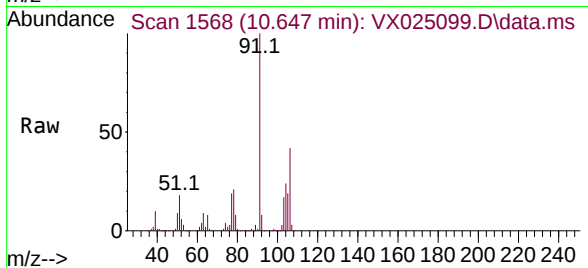
Tgt Ion:106 Resp: 128789
Ion Ratio Lower Upper
106 100
91 232.8 160.2 297.6





#54
o-Xylene
Concen: 55.984 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

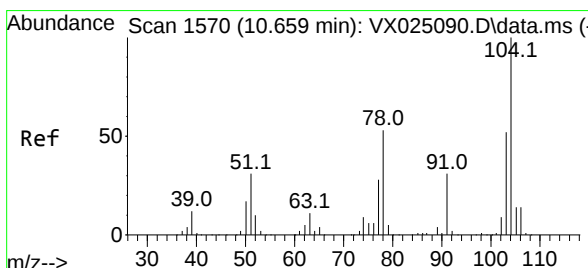
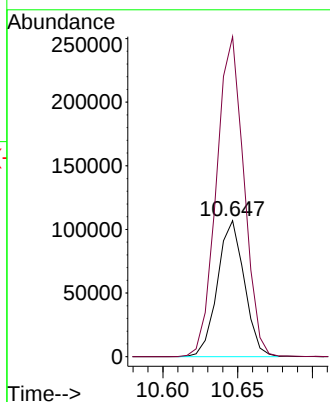
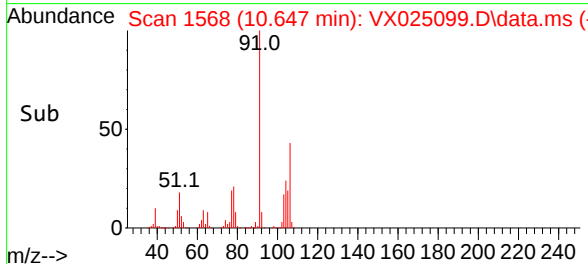
Instrument :
MSVOA_X
ClientSampleId :
GB7K1MEMS



Tgt Ion:106 Resp: 133760
Ion Ratio Lower Upper
106 100
91 235.4 164.4 305.4

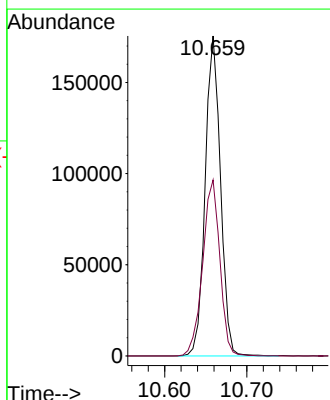
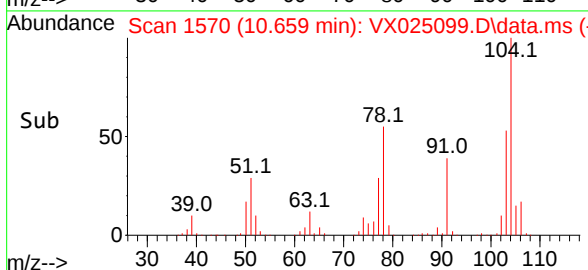
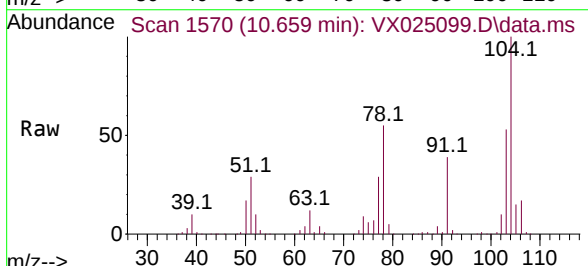
Manual Integrations
APPROVED

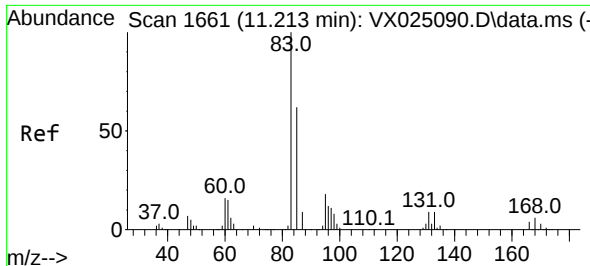
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#55
Styrene
Concen: 54.522 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

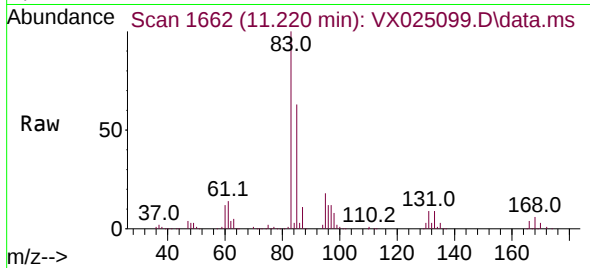
Tgt Ion:104 Resp: 226794
Ion Ratio Lower Upper
104 100
78 55.0 38.2 71.0





#57
1,1,2,2-Tetrachloroethane
Concen: 53.148 ug/L
RT: 11.220 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

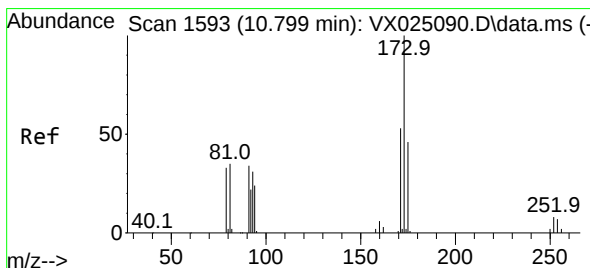
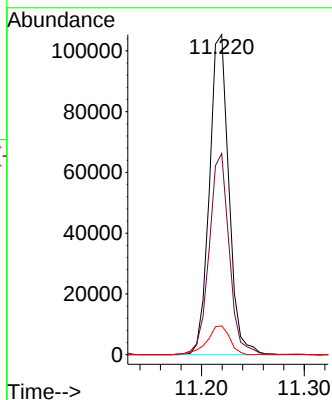
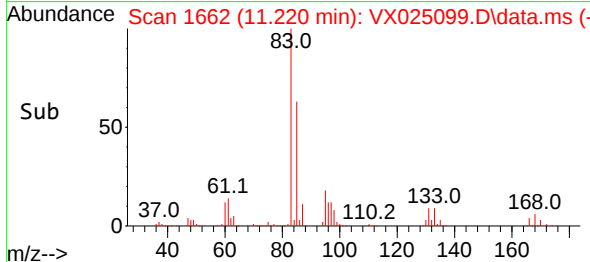
Instrument :
MSVOA_X
ClientSampleId :
GB7K1MEMS



Tgt Ion: 83 Resp: 13809
Ion Ratio Lower Upper
83 100
85 62.8 46.9 87.1
131 9.0 8.7 13.1

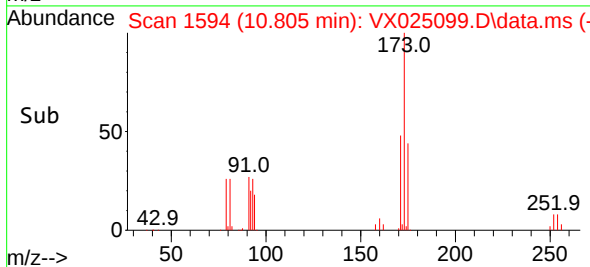
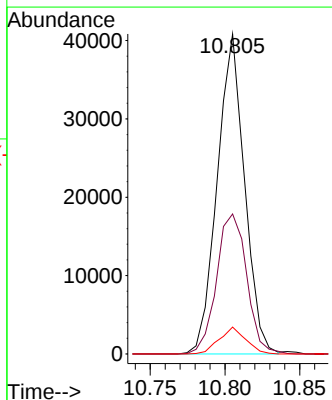
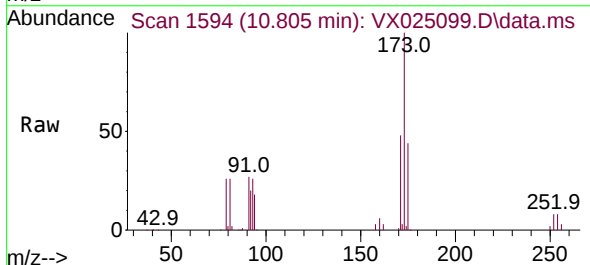
Manual Integrations
APPROVED

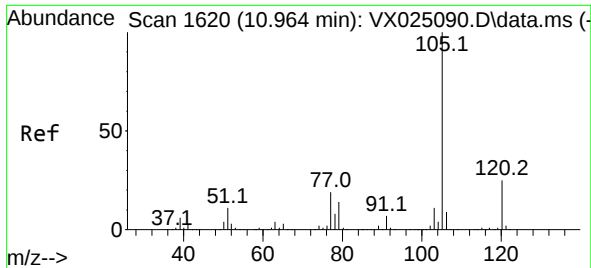
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#59
Bromoform
Concen: 42.361 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

Tgt Ion:173 Resp: 51801
Ion Ratio Lower Upper
173 100
175 48.3 36.6 55.0
254 8.1 4.9 7.3#





#60
Isopropylbenzene
Concen: 46.617 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

Instrument :

MSVOA_X

ClientSampleId :

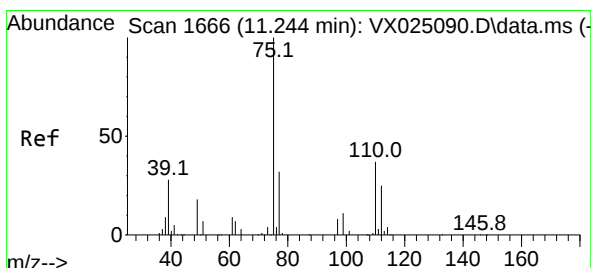
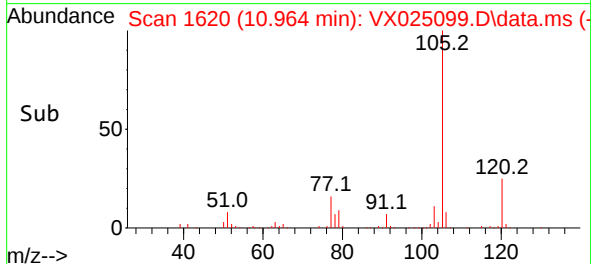
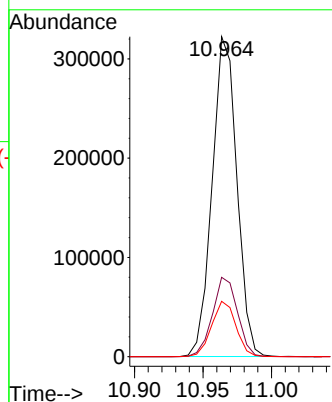
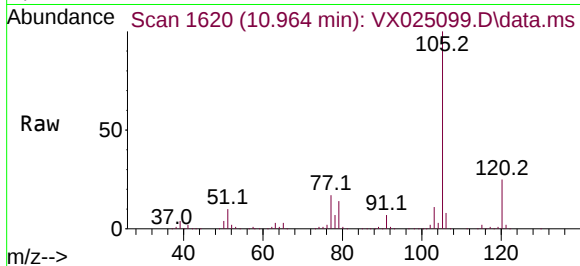
GB7K1MEMS

Tgt Ion:105 Resp: 404312
Ion Ratio Lower Upper
105 100
120 25.1 19.8 29.6
77 17.1 13.2 19.8

Manual Integrations

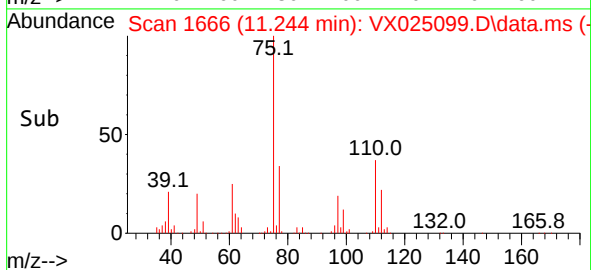
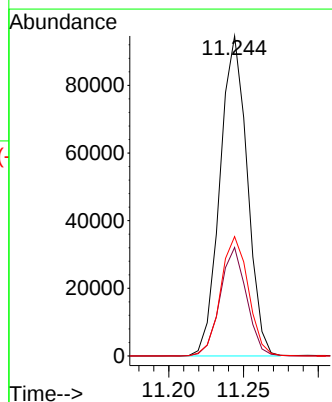
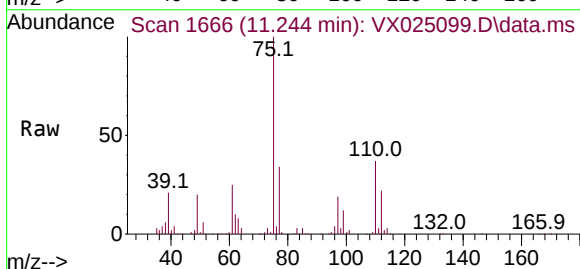
APPROVED

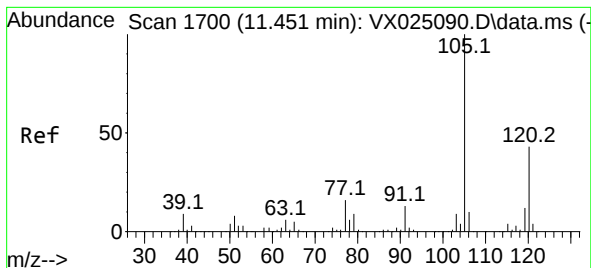
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#61
1,2,3-Trichloropropane
Concen: 47.582 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

Tgt Ion: 75 Resp: 120058
Ion Ratio Lower Upper
75 100
77 32.7 26.6 39.8
110 38.0 37.2 55.8





#62
1,3,5-Trimethylbenzene
Concen: 49.397 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

Instrument :

MSVOA_X

ClientSampleId :

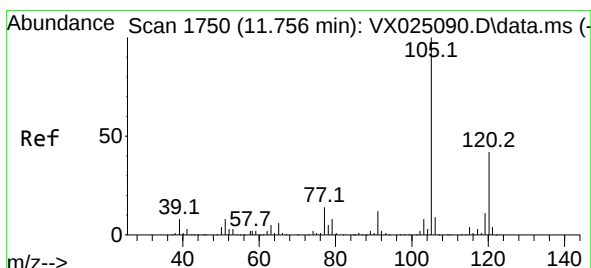
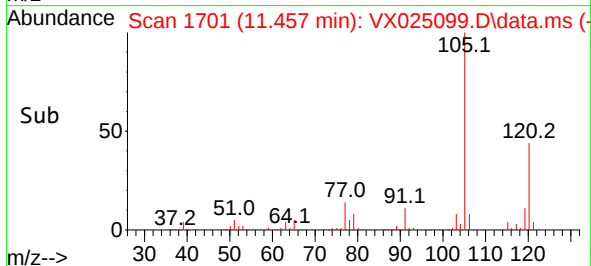
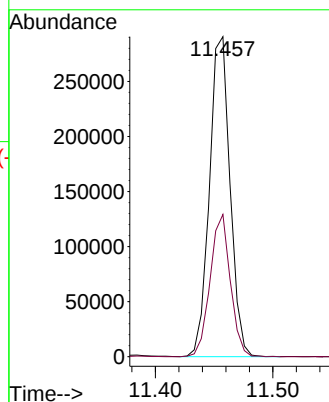
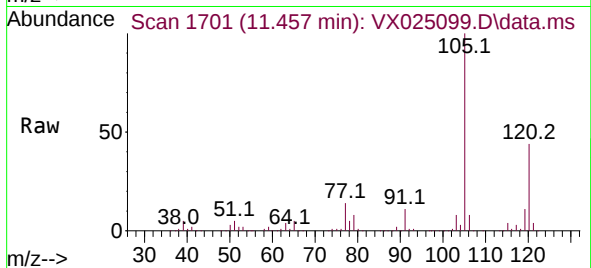
GB7K1MEMS

Tgt Ion:105 Resp: 354829
Ion Ratio Lower Upper
105 100
120 43.5 34.4 51.6

Manual Integrations

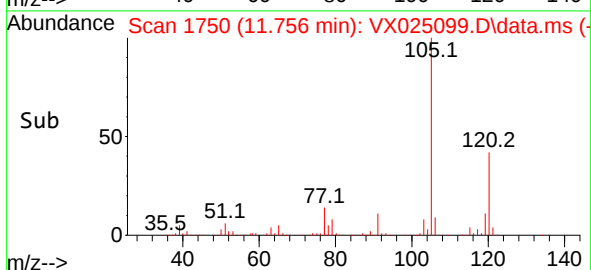
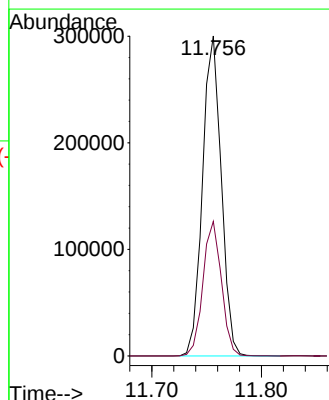
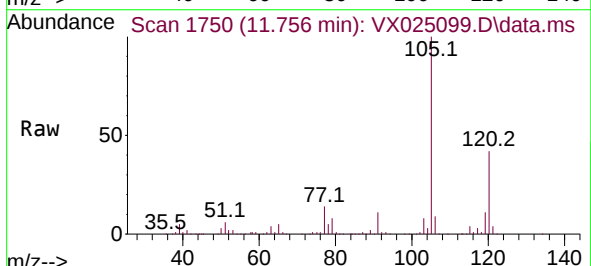
APPROVED

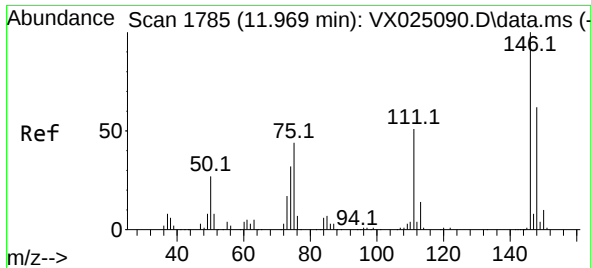
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#63
1,2,4-Trimethylbenzene
Concen: 50.532 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

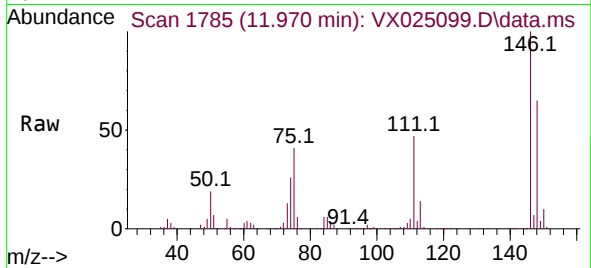
Tgt Ion:105 Resp: 355987
Ion Ratio Lower Upper
105 100
120 41.4 31.0 46.6





#64
1,3-Dichlorobenzene
Concen: 49.970 ug/L
RT: 11.970 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

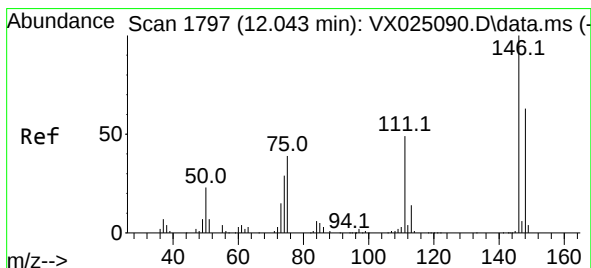
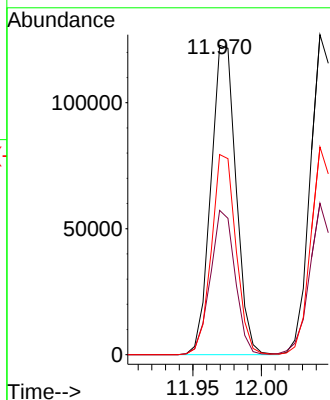
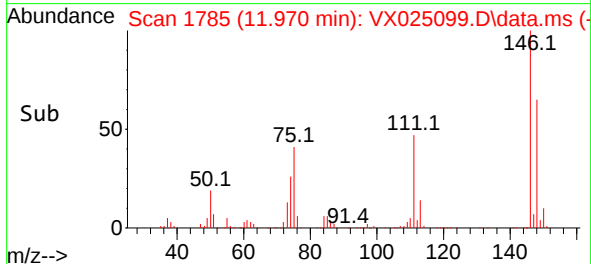
Instrument :
MSVOA_X
ClientSampleId :
GB7K1MEMS



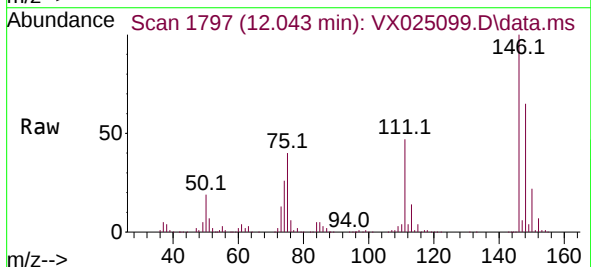
Tgt Ion:146 Resp: 156924
Ion Ratio Lower Upper
146 100
111 46.7 31.1 57.9
148 64.7 43.2 80.2

Manual Integrations
APPROVED

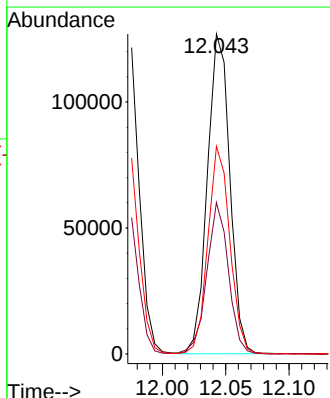
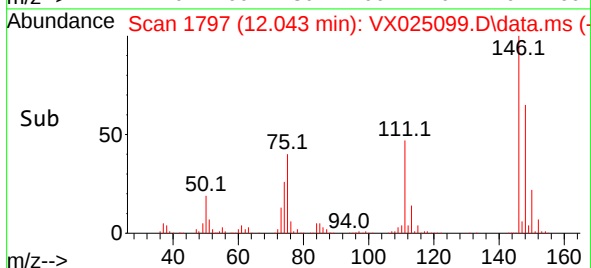
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

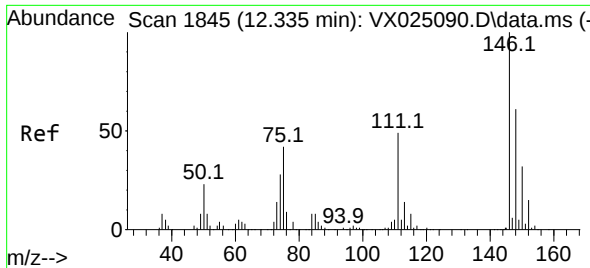


#65
1,4-Dichlorobenzene
Concen: 49.107 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45



Tgt Ion:146 Resp: 156784
Ion Ratio Lower Upper
146 100
111 47.3 31.8 59.0
148 64.9 46.1 85.5





#67

1,2-Dichlorobenzene

Concen: 48.316 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX025099.D

Acq: 08 Nov 2021 16:45

Instrument :

MSVOA_X

ClientSampleId :

GB7K1MEMS

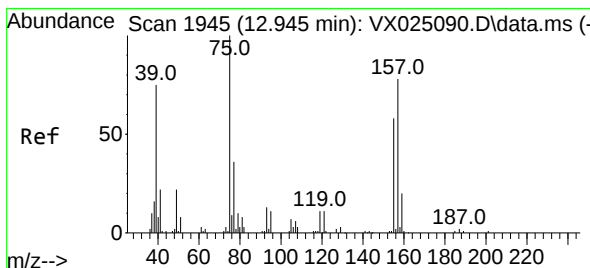
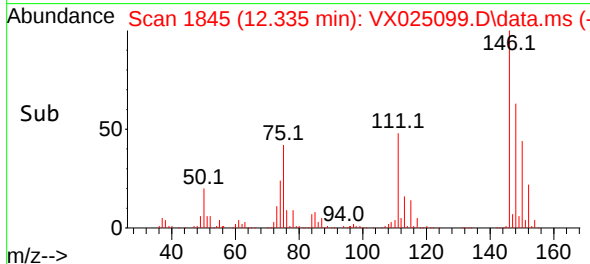
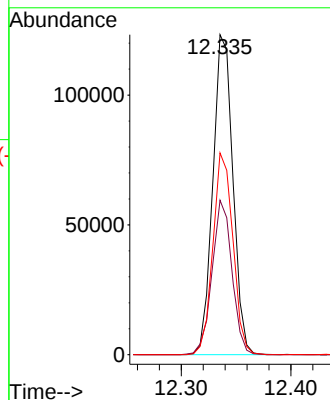
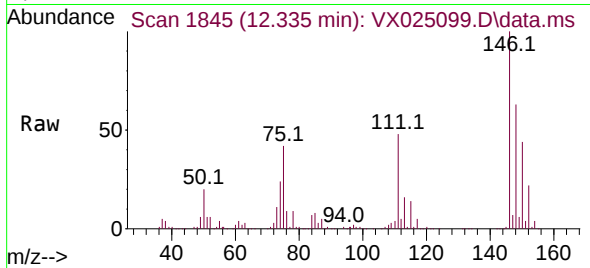
Tgt Ion:	146	Resp:	15657
Ion Ratio	Lower	Upper	
146	100		
111	48.3	38.5	57.7
148	63.1	53.2	79.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/19/2021



#68

1,2-Dibromo-3-chloropropane

Concen: 44.255 ug/L

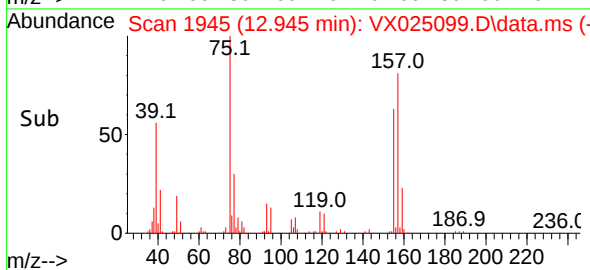
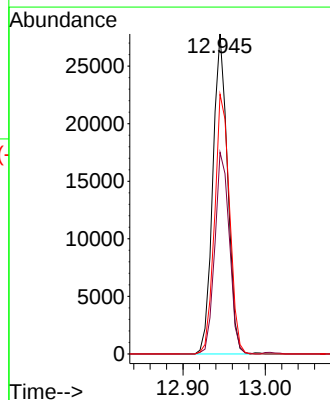
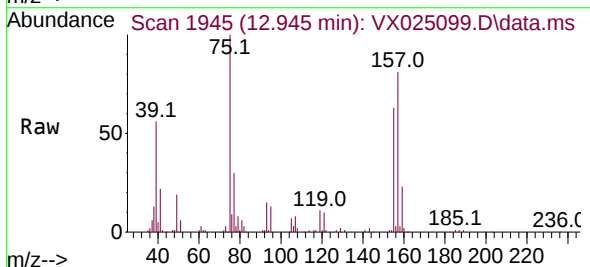
RT: 12.945 min Scan# 1945

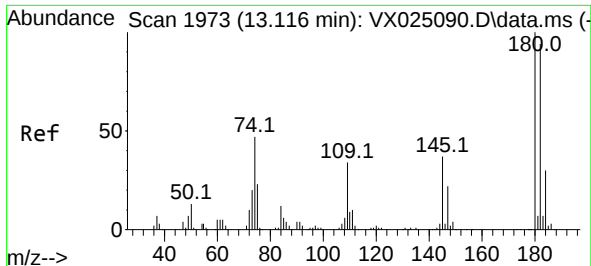
Delta R.T. 0.000 min

Lab File: VX025099.D

Acq: 08 Nov 2021 16:45

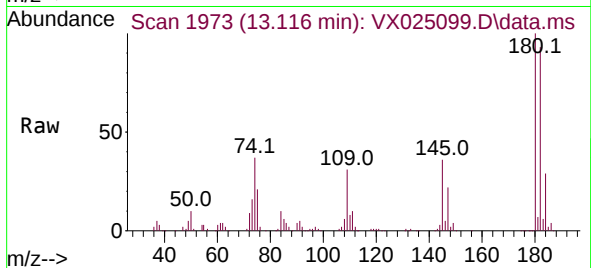
Tgt Ion:	75	Resp:	34677
Ion Ratio	Lower	Upper	
75	100		
155	63.0	59.3	88.9
157	81.1	68.7	103.1





#69
1,3,5-Trichlorobenzene
Concen: 47.914 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

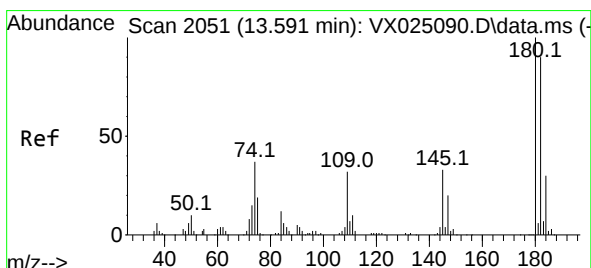
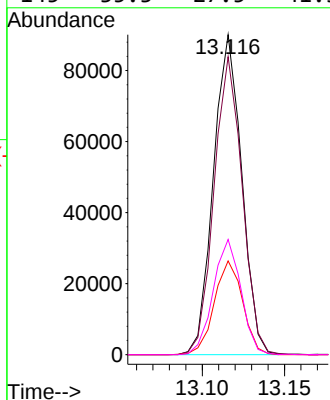
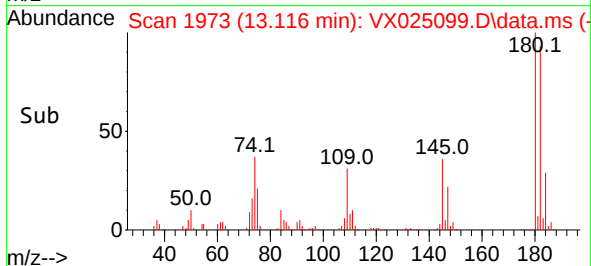
Instrument :
MSVOA_X
ClientSampleId :
GB7K1MEMS



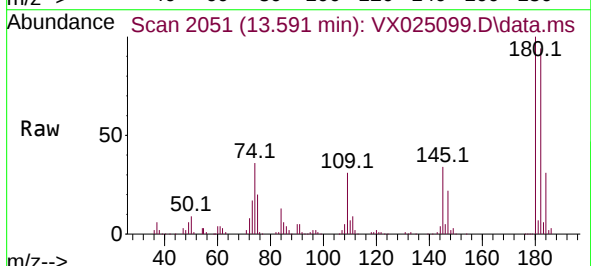
Tgt Ion:180 Resp: 10788
Ion Ratio Lower Upper
180 100
182 92.5 74.2 111.4
184 29.4 23.7 35.5
145 35.3 27.5 41.3

Manual Integrations
APPROVED

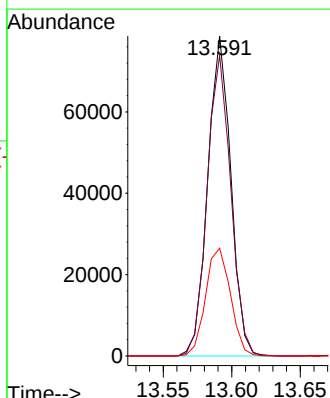
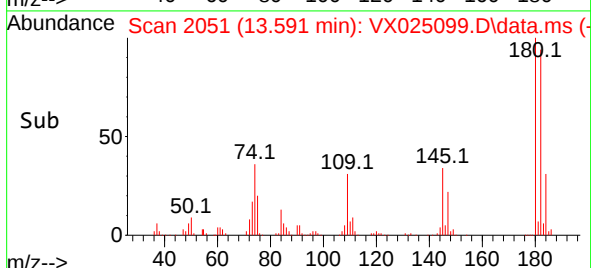
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

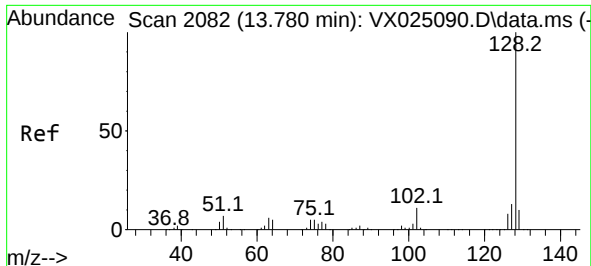


#70
1,2,4-trichlorobenzene
Concen: 47.855 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45



Tgt Ion:180 Resp: 92279
Ion Ratio Lower Upper
180 100
182 95.8 76.4 114.6
145 36.3 28.8 43.2





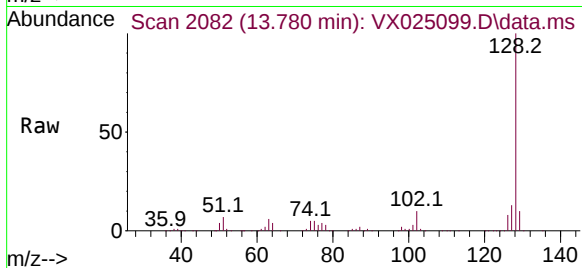
#71
Naphthalene
Concen: 52.887 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45

Instrument :

MSVOA_X

ClientSampleId :

GB7K1MEMS

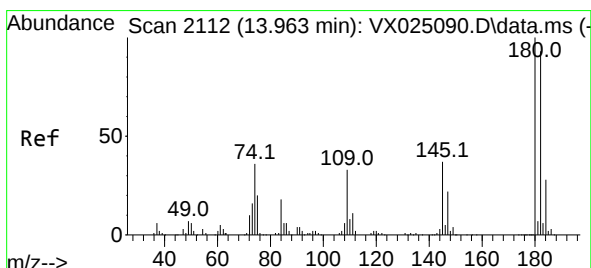
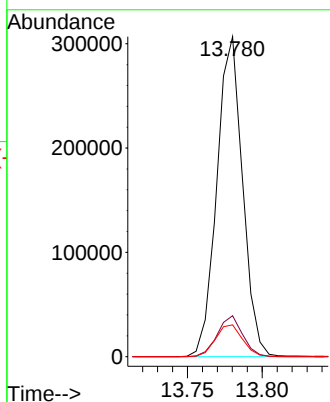
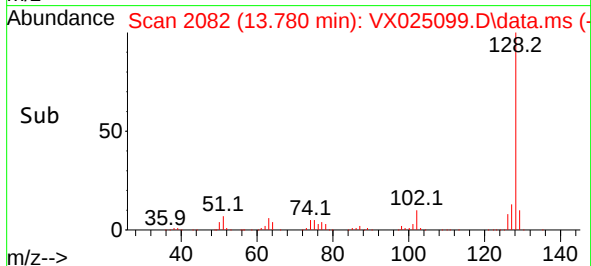


Tgt Ion:128 Resp: 366954
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 10.5 9.1 13.7

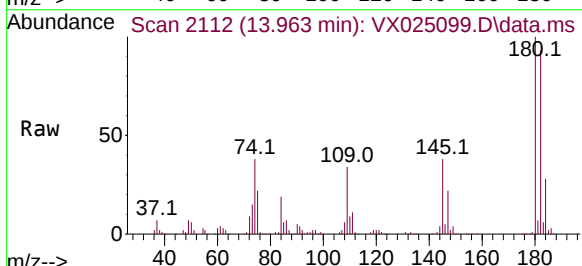
Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#72
1,2,3-Trichlorobenzene
Concen: 50.599 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX025099.D
Acq: 08 Nov 2021 16:45



Tgt Ion:180 Resp: 95722
Ion Ratio Lower Upper
180 100
182 92.0 73.3 109.9
145 37.1 29.0 43.4

