

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032923\
 Data File : VU053465.D
 Acq On : 29 Mar 2023 14:51
 Operator : JC/MD
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

Quant Time: Mar 30 10:26:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 30 09:48:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	43153	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	15205	0.976	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	15492	0.991	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	30300	1.942	ug/l	96
3) Chloromethane	1.520	50	31516	1.983	ug/l	99
4) Vinyl Chloride	1.604	62	32210	1.918	ug/l	95
5) Bromomethane	1.858	94	27115	1.940	ug/l	100
6) Chloroethane	1.935	64	19226	1.791	ug/l	99
7) Trichlorofluoromethane	2.138	101	45884	1.825	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	23683	1.900	ug/l	97
9) 1,1-Dichloroethene	2.578	96	20077	1.761	ug/l	95
10) Iodomethane	2.723	142	19894	1.958	ug/l	97
11) Allyl Chloride	2.922	41	27138	2.109	ug/l	96
12) Acrylonitrile	3.334	53	8524	3.977	ug/l	90
13) Acetone	2.642	43	40849	9.404	ug/l	99
14) Carbon Disulfide	2.793	76	65166	1.864	ug/l	95
15) Methylene Chloride	3.044	84	49139	2.050	ug/l	93
16) trans-1,2-Dichloroethene	3.353	96	22707	1.928	ug/l	98
17) 1,1-Dichloroethane	3.867	63	42861	1.994	ug/l	97
18) 2-Butanone	4.713	43	42140	9.532	ug/l	99
19) Cyclohexane	5.385	56	34219	1.933	ug/l	88
20) Methylcyclohexane	6.758	83	42036	1.901	ug/l	98
21) 2,2-Dichloropropane	4.658	77	36613	1.989	ug/l	99
22) cis-1,2-Dichloroethene	4.662	96	23539	1.839	ug/l	94
23) Diethyl Ether	2.375	59	17153	1.896	ug/l	96
24) tert-Butyl Alcohol	3.228	59	15725m	19.371	ug/l	
25) Methyl tert-Butyl Ether	3.359	73	49117	1.944	ug/l	99
26) Bromochloromethane	4.973	128	10142	1.966	ug/l	95
27) Chloroform	5.083	83	45836	2.054	ug/l	96
28) 1,1,1-Trichloroethane	5.311	97	37332	1.940	ug/l	97
29) 1,1-Dichloropropene	5.523	75	32942	1.979	ug/l	96
30) Carbon Tetrachloride	5.520	117	29351	1.917	ug/l	92
31) Isopropyl Ether	3.986	45	58331	1.972	ug/l	95
32) Ethyl-t-butyl ether	4.498	59	61203	2.014	ug/l	100
33) Tert-Amyl methyl ether	5.935	73	52329	1.937	ug/l	98
34) Propionitrile	4.800	54	6922m	9.158	ug/l	
35) Benzene	5.771	78	96346	1.978	ug/l	98
36) 1,2-Dichloroethane	5.790	62	27920	1.996	ug/l	98
37) Trichloroethene	6.539	130	23603	1.927	ug/l	94
38) 1,2-Dichloropropane	6.787	63	24513	1.964	ug/l	93
39) Methacrylonitrile	4.977	41	6151	2.022	ug/l #	84
40) Methyl acrylate	4.851	55	10790m	2.033	ug/l	
41) Tetrahydrofuran	5.063	42	6497	4.096	ug/l	96
42) 1-Chlorobutane	5.453	56	43140	1.948	ug/l	97
43) Dibromomethane	6.915	93	12202	2.052	ug/l	92
44) Bromodichloromethane	7.102	83	28146	1.893	ug/l	91

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Quant Time: Mar 30 10:26:48 2023
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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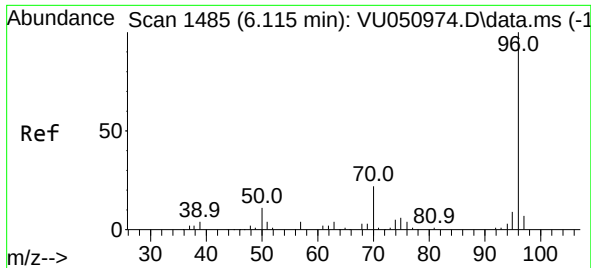
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.787	43	60430	9.799	ug/l	98
46) t-1,4-Dichloro-2-butene	10.825	75	12064m	3.604	ug/l	
47) Methyl methacrylate	6.960	69	21179	3.874	ug/l	93
48) Ethyl methacrylate	8.330	69	20997	1.981	ug/l	92
49) Toluene	7.967	92	58253	1.951	ug/l	95
50) t-1,3-Dichloropropene	8.208	75	26031	1.890	ug/l	96
51) cis-1,3-Dichloropropene	7.604	75	32500	1.906	ug/l	96
52) 1,1,2-Trichloroethane	8.398	97	16040	1.861	ug/l	96
53) 1,3-Dichloropropane	8.571	76	29285	1.969	ug/l	97
54) 2-Hexanone	8.681	43	61125	9.447	ug/l	96
55) Dibromochloromethane	8.803	129	16222	1.848	ug/l	95
56) 1,2-Dibromoethane	8.919	107	14431	1.817	ug/l	88
58) Tetrachloroethene	8.549	164	21435	1.871	ug/l	98
59) Chlorobenzene	9.443	112	62403	1.899	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.530	131	20301	2.032	ug/l	95
61) Pentachloroethane	11.420	117	13334	1.900	ug/l	99
62) Hexachloroethane	12.468	117	14223	1.892	ug/l #	79
63) Ethyl Benzene	9.565	91	110374	1.915	ug/l	98
64) m/p-Xylenes	9.690	106	83333	3.782	ug/l	96
65) o-Xylene	10.095	106	41093	1.905	ug/l	98
66) Styrene	10.111	104	60623	1.828	ug/l	96
67) Bromoform	10.285	173	7571	1.918	ug/l #	97
69) Isopropylbenzene	10.478	105	106998	1.895	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.777	83	19983	1.926	ug/l	94
71) 1,2,3-Trichloropropane	10.819	75	16077m	1.945	ug/l	
72) Bromobenzene	10.780	156	22253	1.881	ug/l	98
73) n-propylbenzene	10.902	120	26898	1.803	ug/l	88
74) 2-Chlorotoluene	10.980	126	23348	1.810	ug/l	94
75) 1,3,5-Trimethylbenzene	11.086	105	87330	1.842	ug/l	99
76) 4-Chlorotoluene	11.095	126	25148	1.878	ug/l	93
77) tert-Butylbenzene	11.414	119	81283	1.849	ug/l	97
78) 1,2,4-Trimethylbenzene	11.465	105	89457	1.852	ug/l	100
79) sec-Butylbenzene	11.639	105	119265	1.884	ug/l	99
80) Nitrobenzene	13.208	77	1946	7.463	ug/l #	80
81) p-Isopropyltoluene	11.790	119	91032	1.831	ug/l	97
82) 1,3-Dichlorobenzene	11.742	146	48591	1.927	ug/l	99
83) 1,4-Dichlorobenzene	11.832	146	47385	1.857	ug/l	95
84) n-Butylbenzene	12.205	91	92374	1.880	ug/l	98
85) 1,2-Dichlorobenzene	12.208	146	44102	1.846	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.992	75	2846	1.806	ug/l	90
87) 1,2,4-Trichlorobenzene	13.835	180	25153	1.805	ug/l	98
88) Hexachlorobutadiene	14.018	225	13415	2.013	ug/l	95
89) Naphthalene	14.086	128	47984	1.711	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	22202	1.849	ug/l	98

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

Manual Integrations

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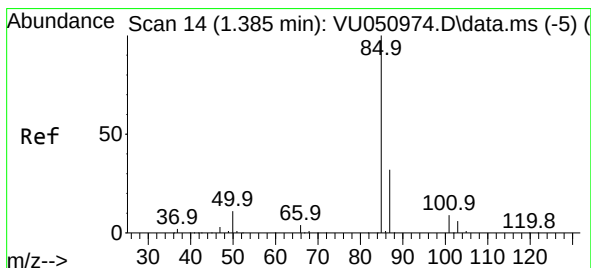
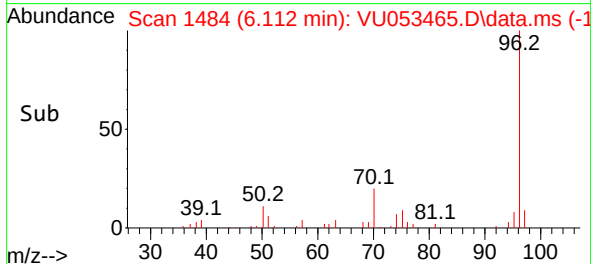
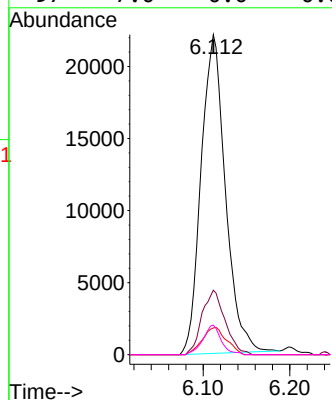
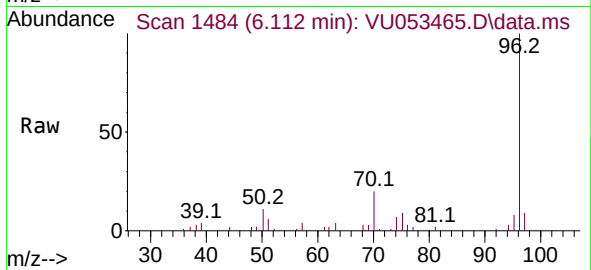
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 96 Resp: 4315
Ion Ratio Lower Upper
96 100
70 19.2 16.5 24.7
95 8.5 7.4 11.0
97 7.0 0.0 0.0#

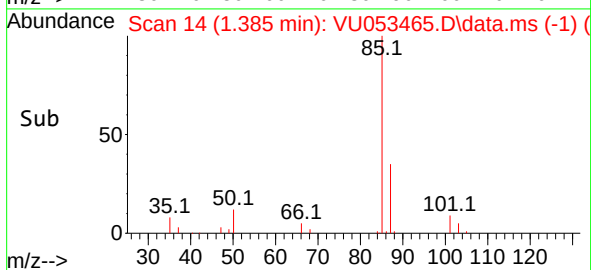
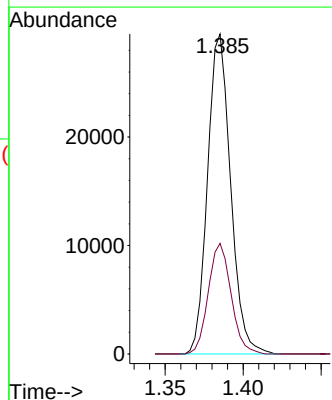
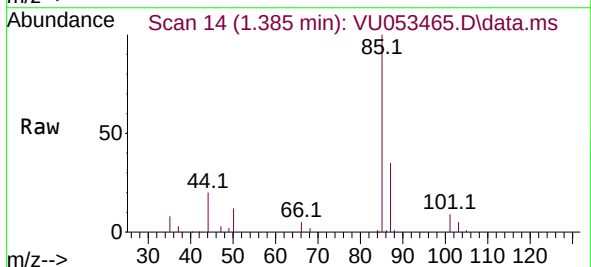
Manual Integrations
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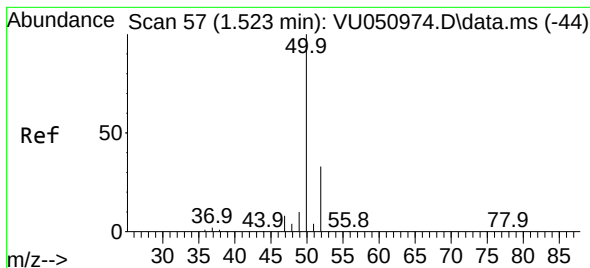
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#2
Dichlorodifluoromethane
Concen: 1.942 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Tgt Ion: 85 Resp: 30300
Ion Ratio Lower Upper
85 100
87 34.6 16.2 48.6





#3

Chloromethane

Concen: 1.983 ug/l

RT: 1.520 min Scan# 50

Delta R.T. -0.003 min

Lab File: VU053465.D

Acq: 29 Mar 2023 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 50 Resp: 31510

Ion Ratio Lower Upper

50 100

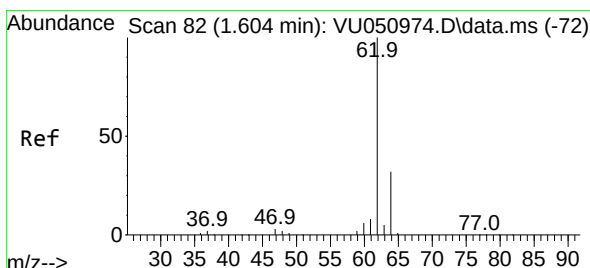
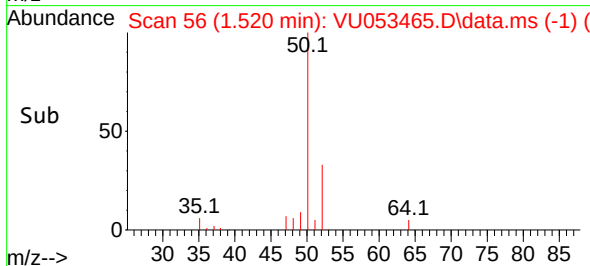
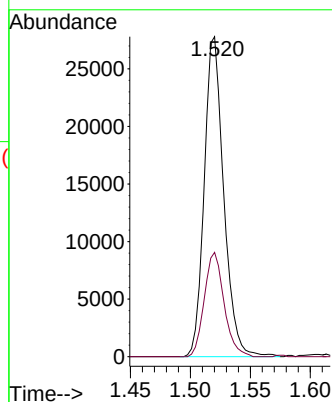
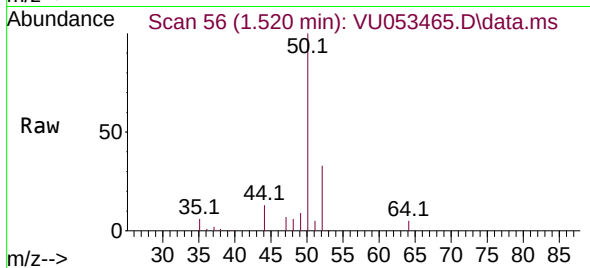
52 32.6 26.6 40.0

Manual Integrations

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Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#4

Vinyl Chloride

Concen: 1.918 ug/l

RT: 1.604 min Scan# 82

Delta R.T. 0.000 min

Lab File: VU053465.D

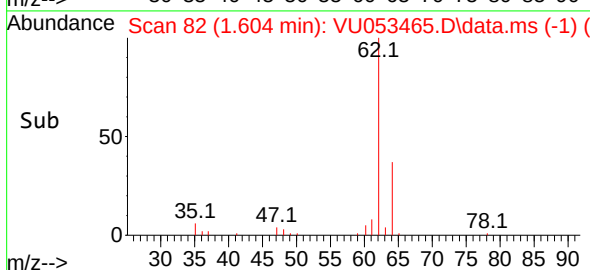
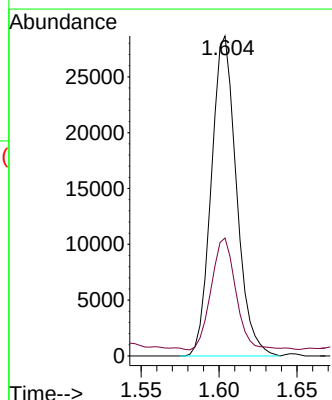
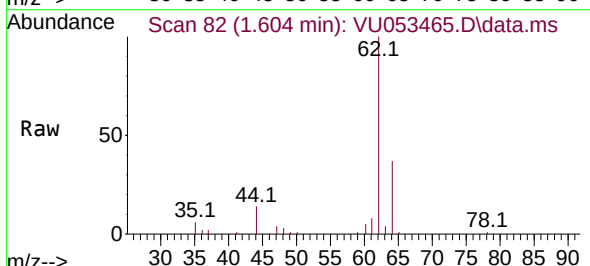
Acq: 29 Mar 2023 14:51

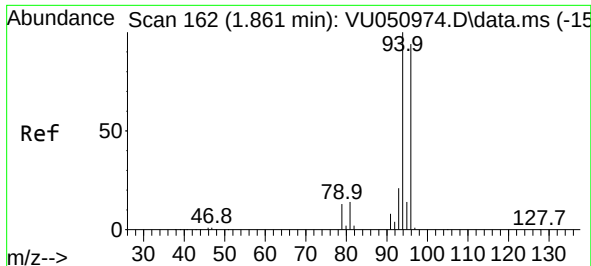
Tgt Ion: 62 Resp: 32210

Ion Ratio Lower Upper

62 100

64 34.4 25.4 38.2





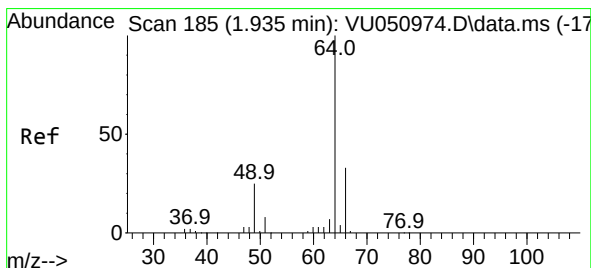
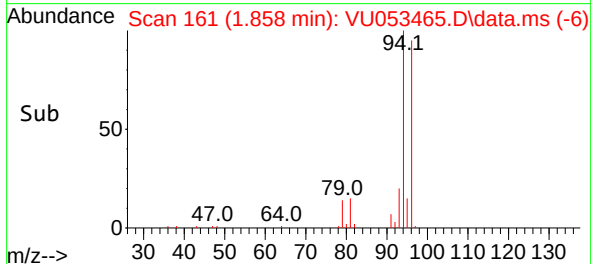
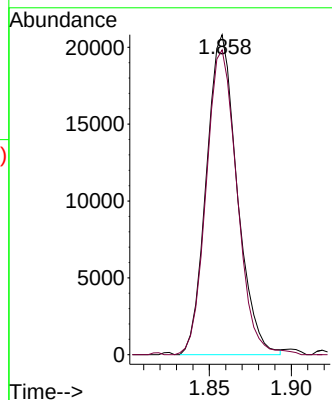
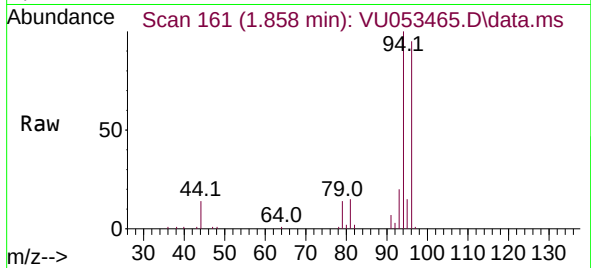
#5
Bromomethane
Concen: 1.940 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 94 Resp: 2711
Ion Ratio Lower Upper
94 100
96 94.7 75.4 113.2

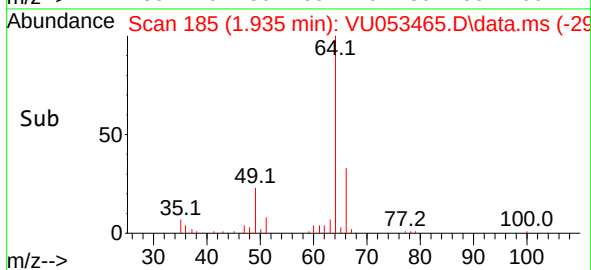
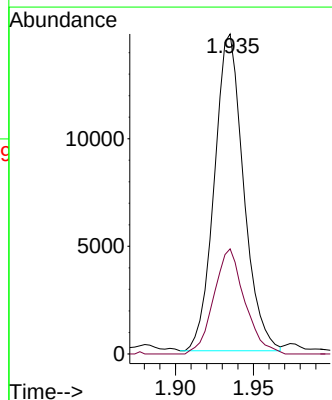
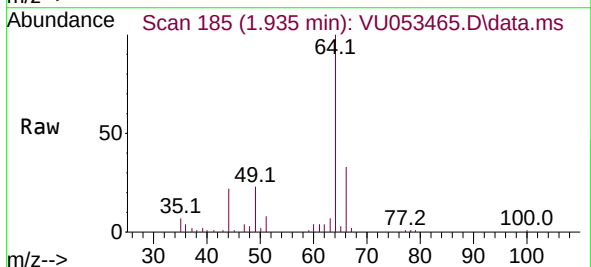
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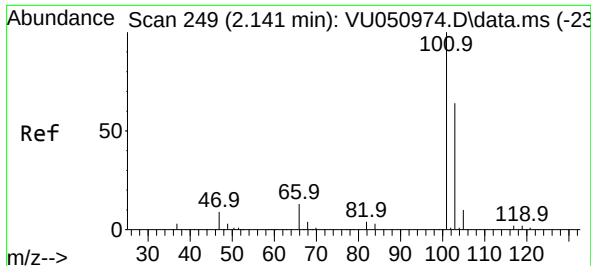
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#6
Chloroethane
Concen: 1.791 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU053465.D
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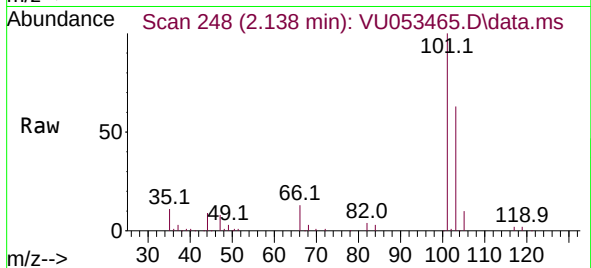
Tgt Ion: 64 Resp: 19226
Ion Ratio Lower Upper
64 100
66 33.2 26.0 39.0





#7
Trichlorofluoromethane
Concen: 1.825 ug/l
RT: 2.138 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

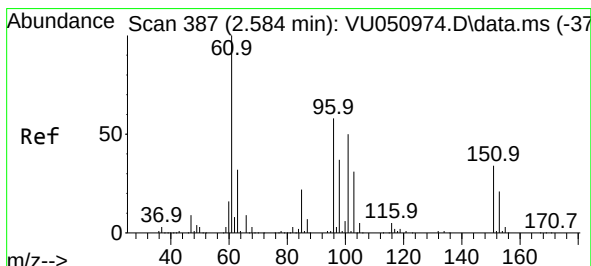
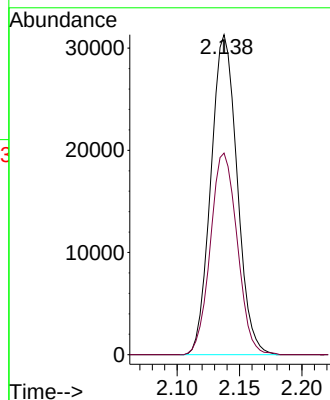
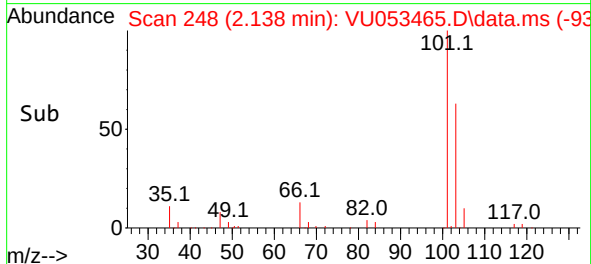
Instrument :
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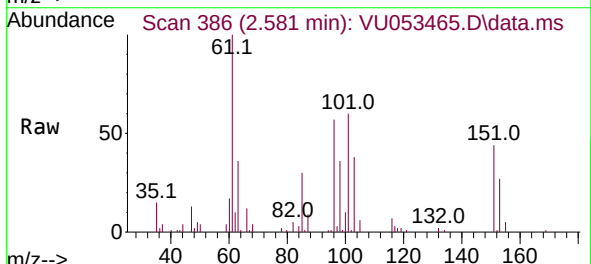
Tgt Ion:101 Resp: 45884
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.0

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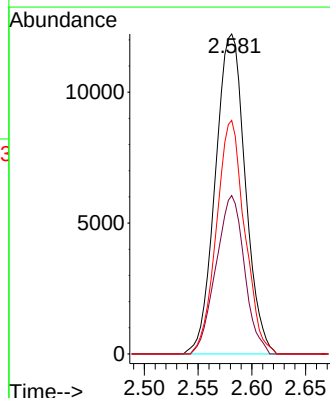
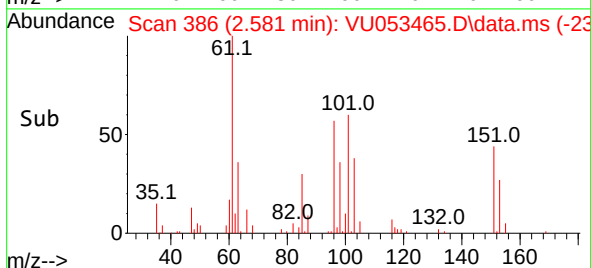
Reviewed By :Krupa Patel 04/07/2023
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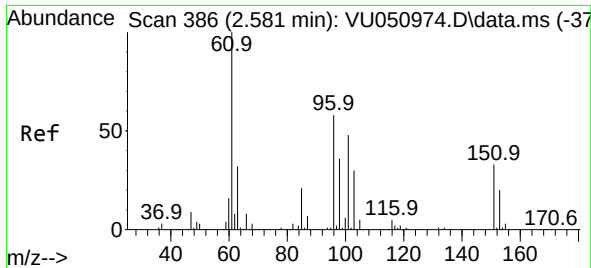


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.900 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51



Tgt Ion:101 Resp: 23683
Ion Ratio Lower Upper
101 100
85 47.1 35.4 53.0
151 68.8 54.0 81.0





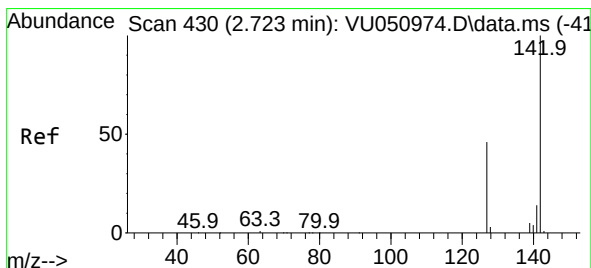
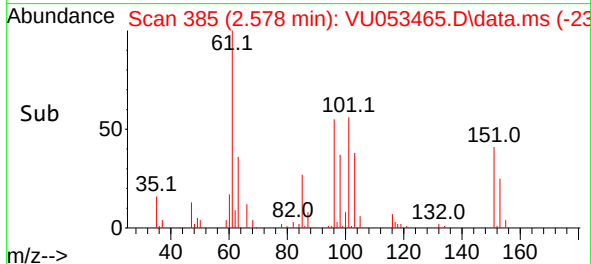
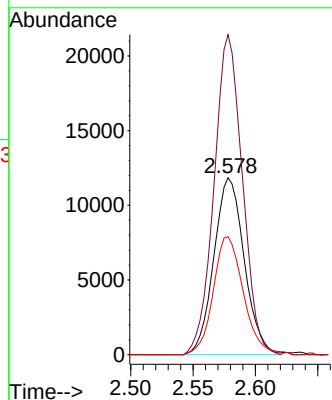
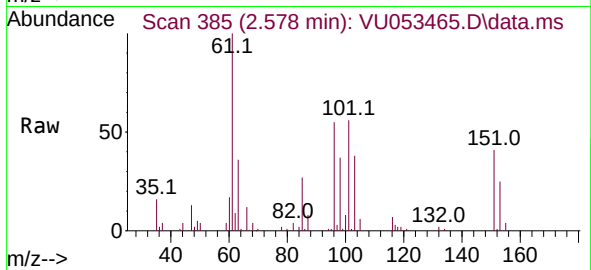
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1,1-Dichloroethene
Concen: 1.761 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU053465.D
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Instrument : MSVOA_U
ClientSampleId : VSTDIC002

Tgt Ion: 96 Resp: 2007
Ion Ratio Lower Upper
96 100
61 180.9 0.0 521.4
98 66.6 0.0 125.8

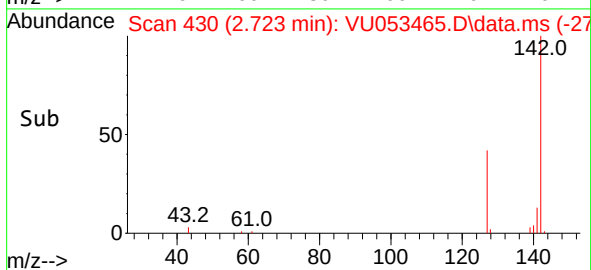
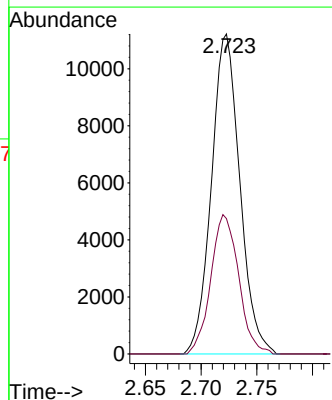
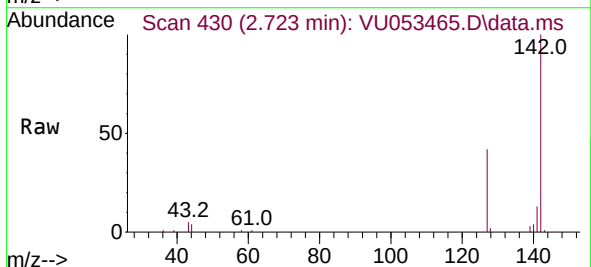
Manual Integrations
APPROVED

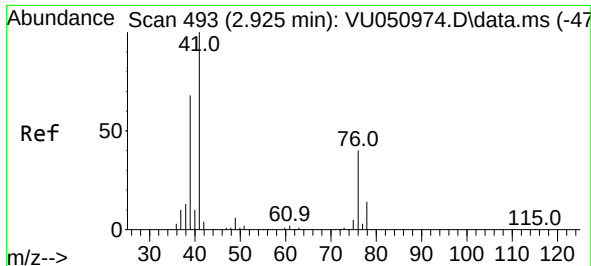
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#10
Iodomethane
Concen: 1.958 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.000 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

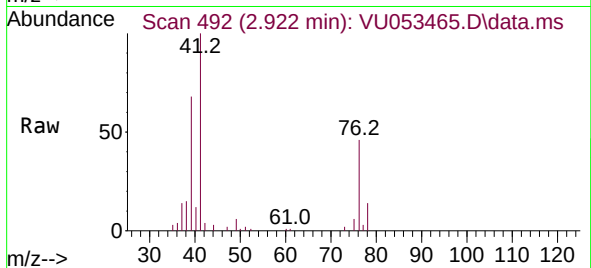
Tgt Ion:142 Resp: 19894
Ion Ratio Lower Upper
142 100
127 42.7 35.9 53.9





#11
 Allyl Chloride
 Concen: 2.109 ug/l
 RT: 2.922 min Scan# 493
 Delta R.T. -0.003 min
 Lab File: VU053465.D
 Acq: 29 Mar 2023 14:51

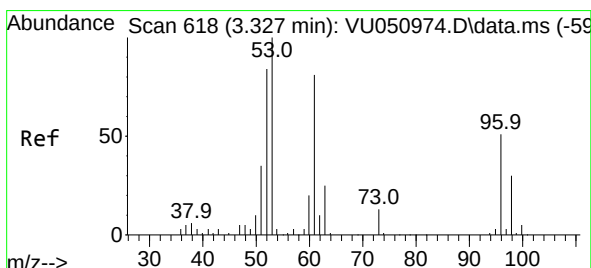
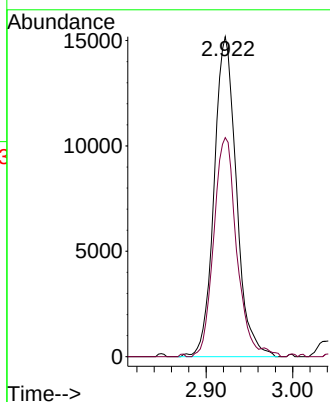
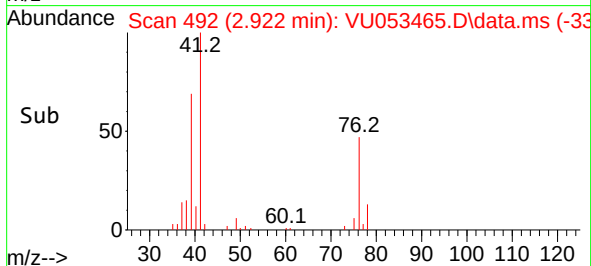
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002



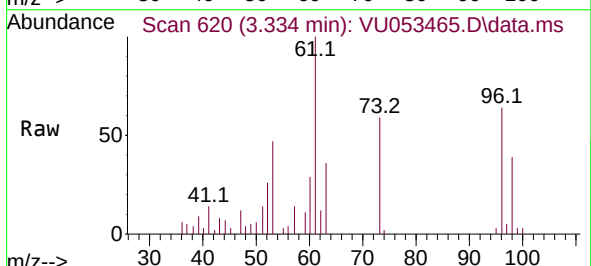
Tgt Ion: 41 Resp: 27138
 Ion Ratio Lower Upper
 41 100
 39 70.7 54.2 81.2

Manual Integrations
 APPROVED

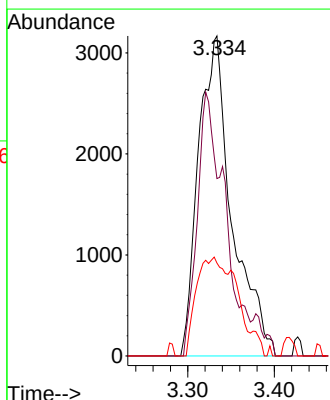
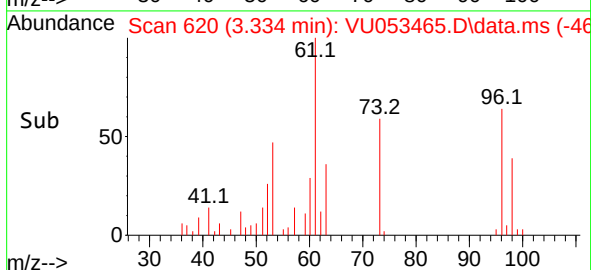
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

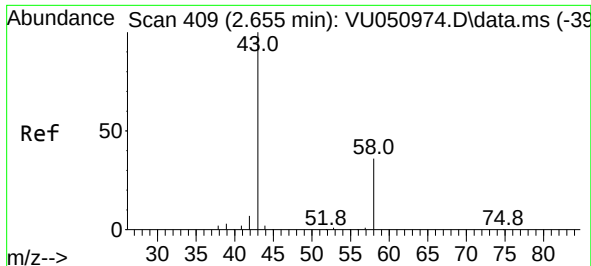


#12
 Acrylonitrile
 Concen: 3.977 ug/l
 RT: 3.334 min Scan# 620
 Delta R.T. 0.006 min
 Lab File: VU053465.D
 Acq: 29 Mar 2023 14:51



Tgt Ion: 53 Resp: 8524
 Ion Ratio Lower Upper
 53 100
 52 68.1 62.9 94.3
 51 38.1 27.8 41.6





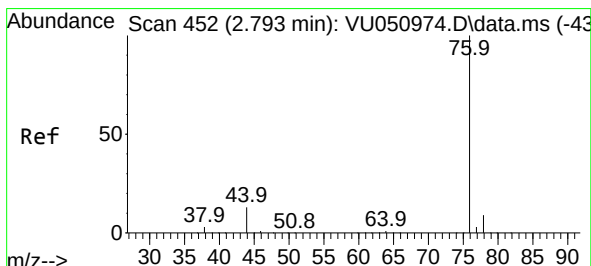
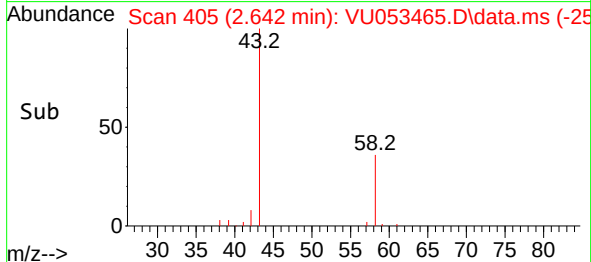
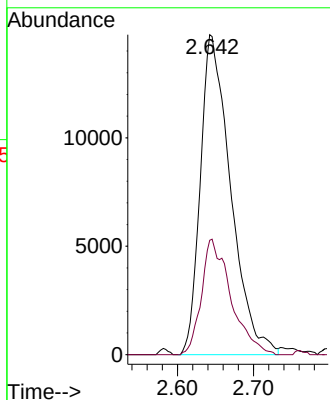
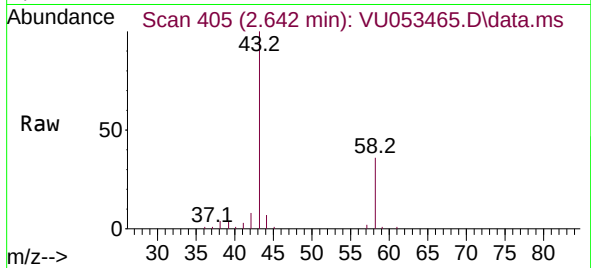
#13
Acetone
Concen: 9.404 ug/l
RT: 2.642 min Scan# 409
Delta R.T. -0.013 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 40849
Ion Ratio Lower Upper
43 100
58 35.7 29.0 43.4

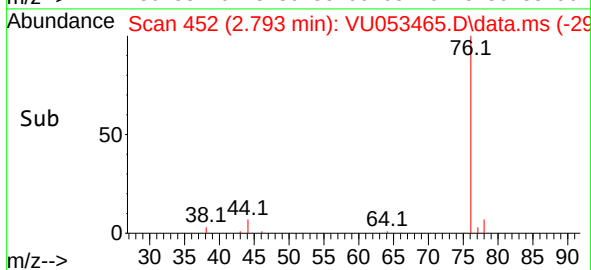
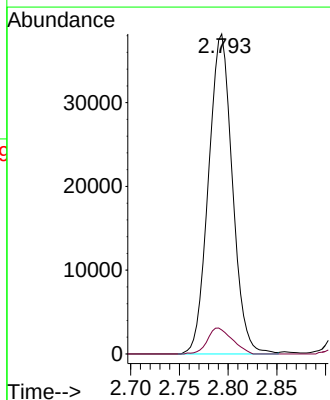
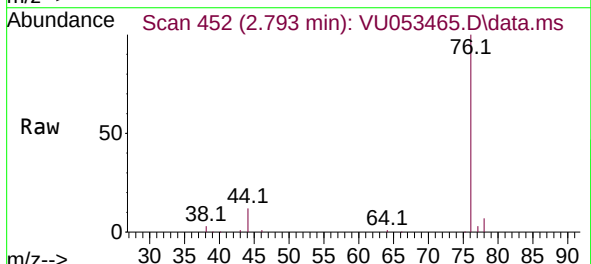
Manual Integrations
APPROVED

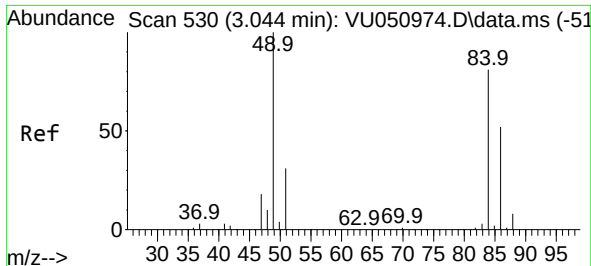
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#14
Carbon Disulfide
Concen: 1.864 ug/l
RT: 2.793 min Scan# 452
Delta R.T. 0.000 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

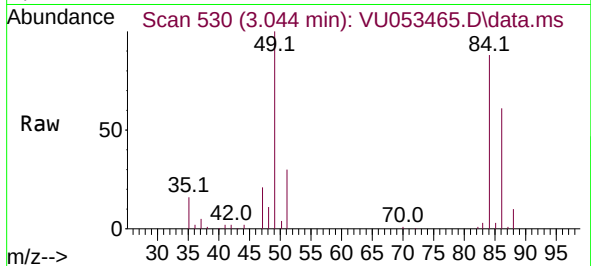
Tgt Ion: 76 Resp: 65166
Ion Ratio Lower Upper
76 100
78 7.5 7.4 11.0





#15
Methylene Chloride
Concen: 2.050 ug/l
RT: 3.044 min Scan# 513
Delta R.T. 0.000 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

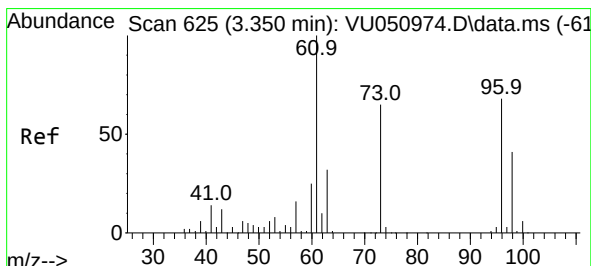
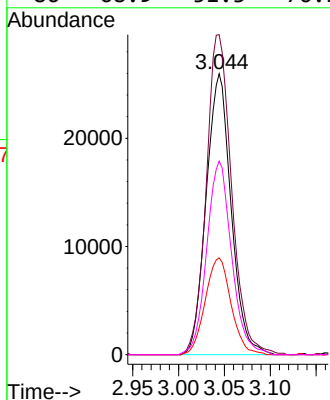
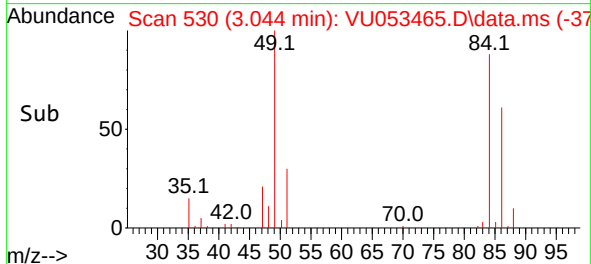
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



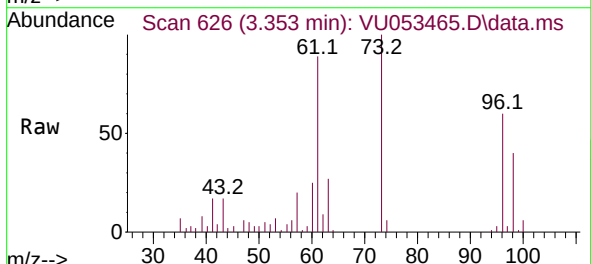
Tgt Ion: 84 Resp: 49139
Ion Ratio Lower Upper
84 100
49 113.9 98.9 148.3
51 34.5 0.0 75.4
86 68.9 51.3 76.9

Manual Integrations
APPROVED

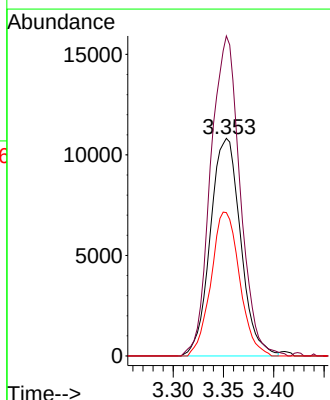
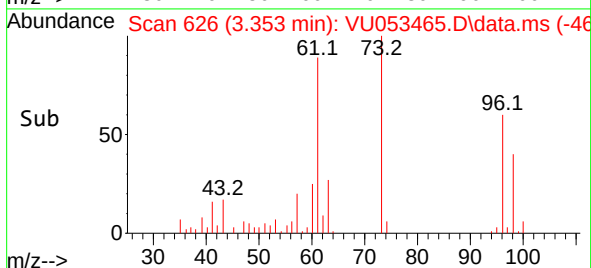
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

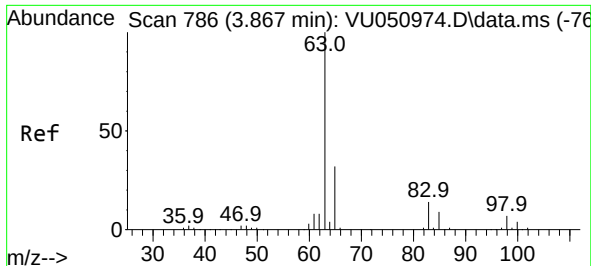


#16
trans-1,2-Dichloroethene
Concen: 1.928 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51



Tgt Ion: 96 Resp: 22707
Ion Ratio Lower Upper
96 100
61 147.1 117.5 176.3
98 65.9 48.3 72.5





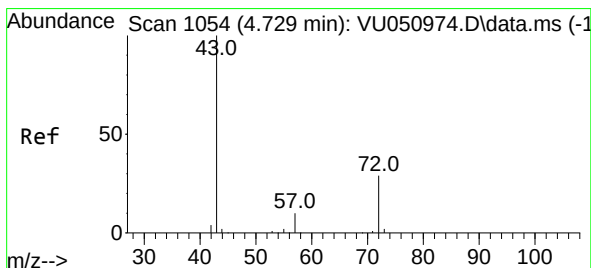
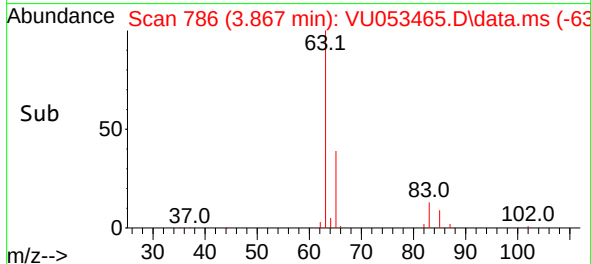
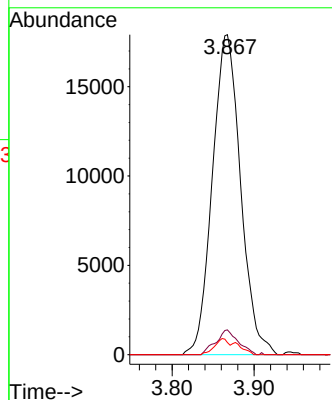
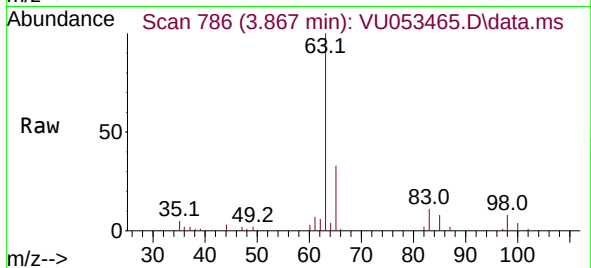
#17
1,1-Dichloroethane
Concen: 1.994 ug/l
RT: 3.867 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 63 Resp: 4286
Ion Ratio Lower Upper
63 100
98 7.8 3.4 10.1
100 3.8 2.2 6.6

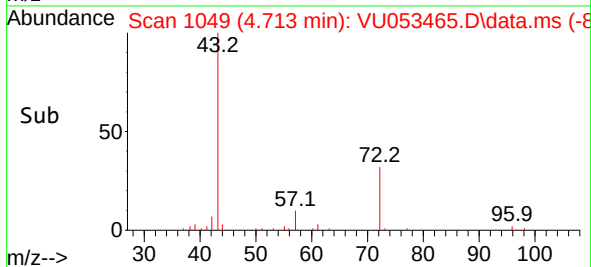
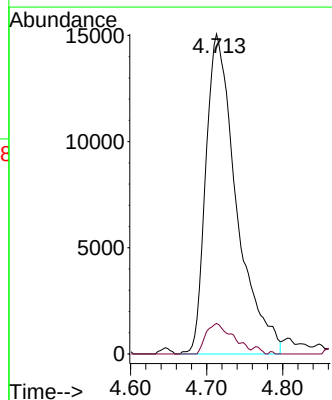
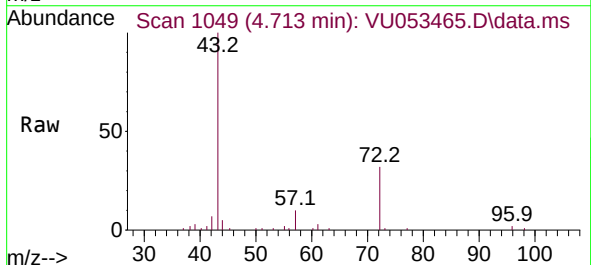
Manual Integrations
APPROVED

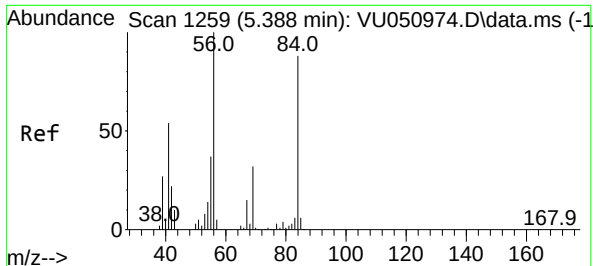
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#18
2-Butanone
Concen: 9.532 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. -0.016 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Tgt Ion: 43 Resp: 42140
Ion Ratio Lower Upper
43 100
57 9.6 0.0 19.6





#19

Cyclohexane

Concen: 1.933 ug/l

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU053465.D

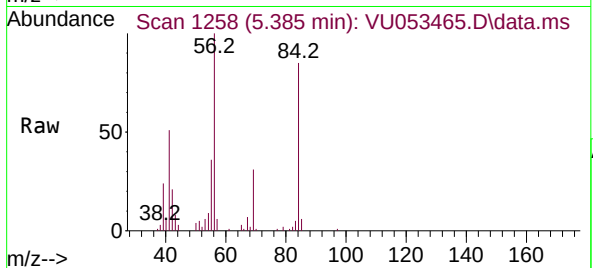
Acq: 29 Mar 2023 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002



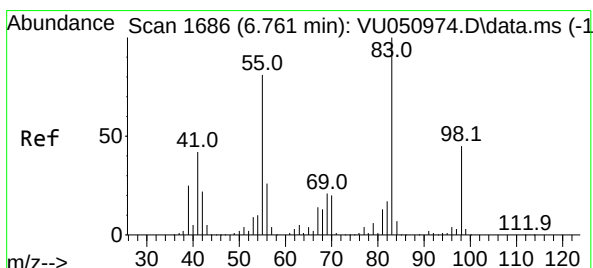
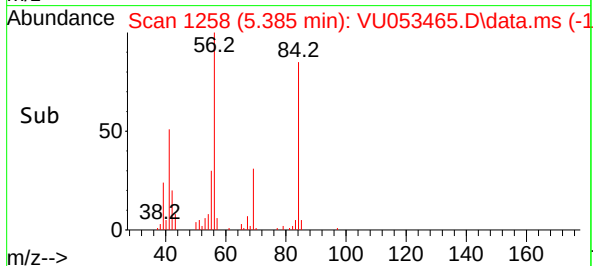
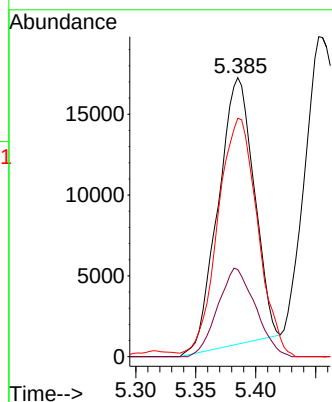
Tgt Ion:	56	Resp:	34219
Ion Ratio	Lower	Upper	
56	100		
69	34.9	24.6	37.0
84	97.6	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#20

Methylcyclohexane

Concen: 1.901 ug/l

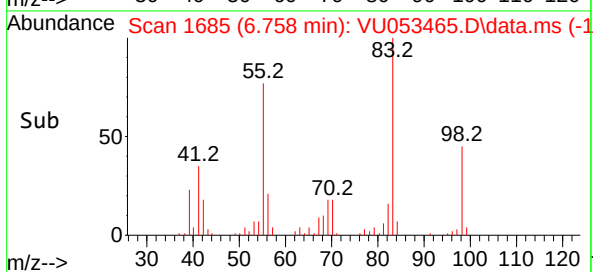
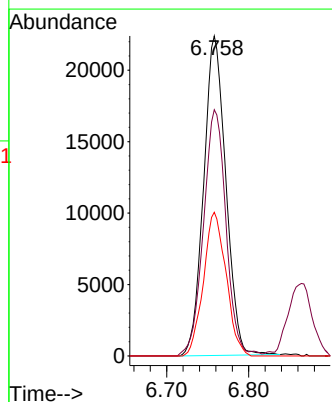
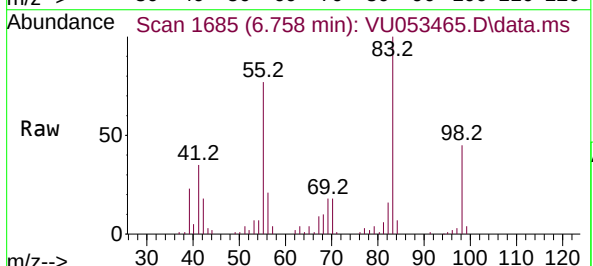
RT: 6.758 min Scan# 1685

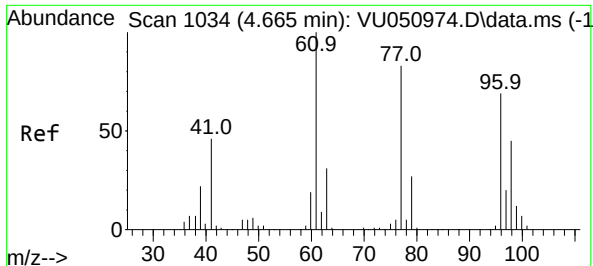
Delta R.T. -0.003 min

Lab File: VU053465.D

Acq: 29 Mar 2023 14:51

Tgt Ion:	83	Resp:	42036
Ion Ratio	Lower	Upper	
83	100		
55	77.1	63.5	95.3
98	45.7	36.0	54.0





#21

2,2-Dichloropropane

Concen: 1.989 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VU053465.D

Acq: 29 Mar 2023 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 77 Resp: 3661

Ion Ratio Lower Upper

77 100

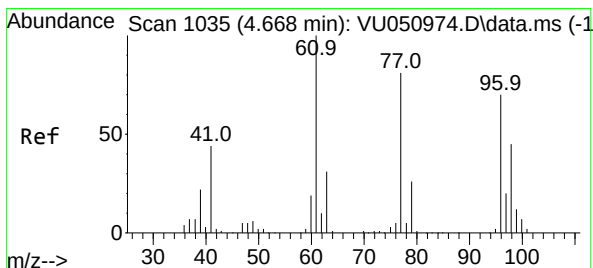
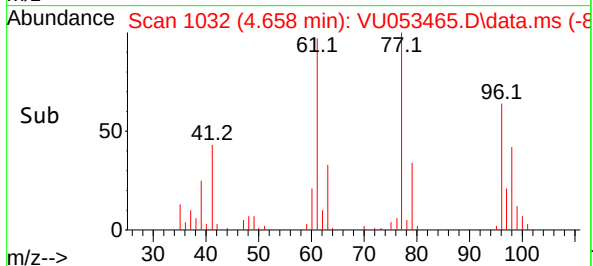
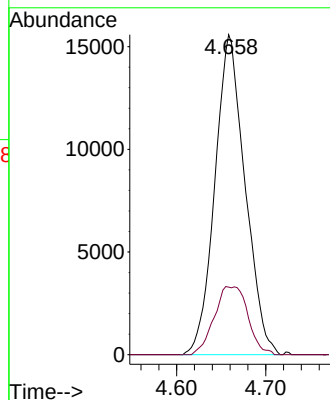
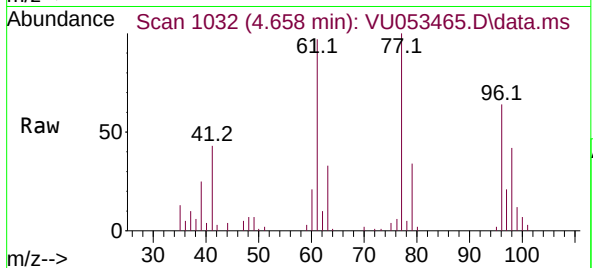
97 23.7 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#22

cis-1,2-Dichloroethene

Concen: 1.839 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VU053465.D

Acq: 29 Mar 2023 14:51

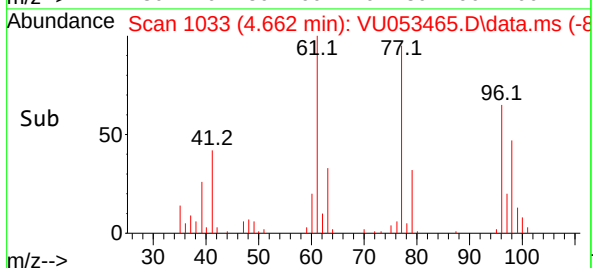
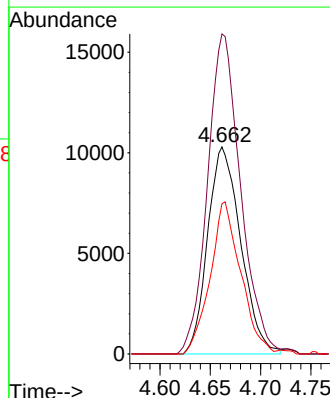
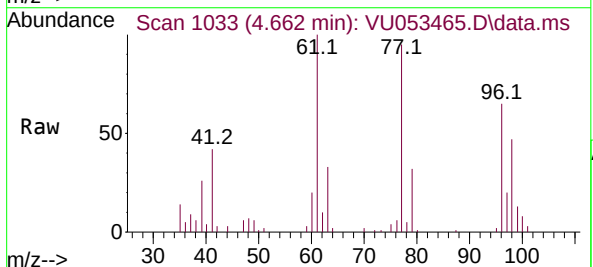
Tgt Ion: 96 Resp: 23539

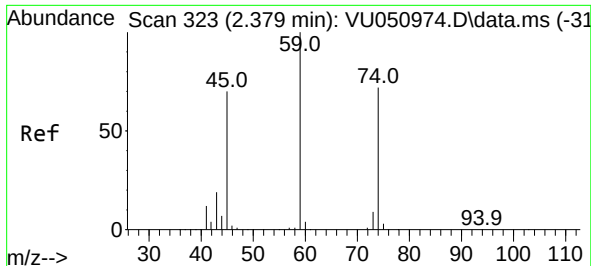
Ion Ratio Lower Upper

96 100

61 155.1 0.0 365.8

98 68.0 32.0 96.0





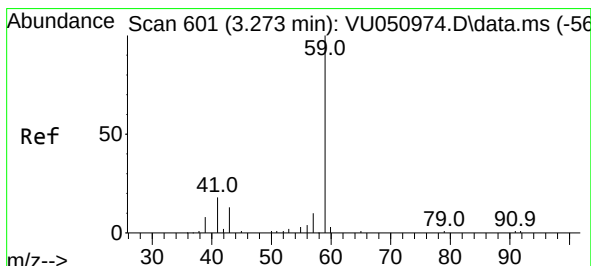
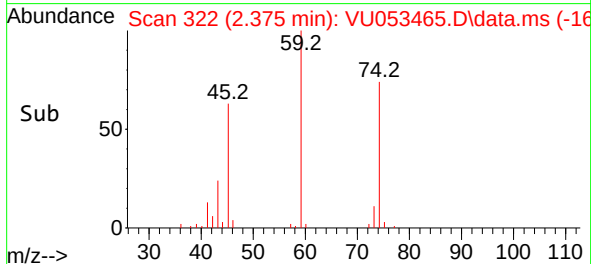
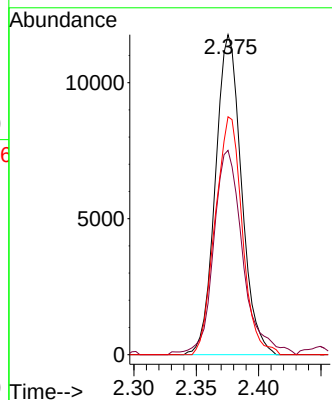
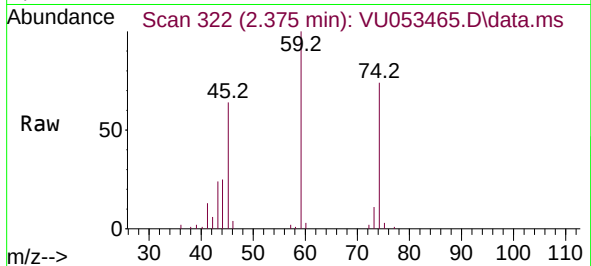
#23
Diethyl Ether
Concen: 1.896 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 1715
Ion Ratio Lower Upper
59 100
45 71.4 56.1 84.1
74 77.1 57.4 86.2

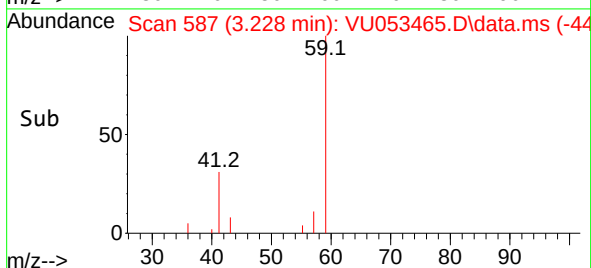
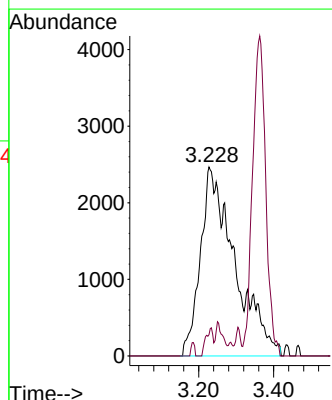
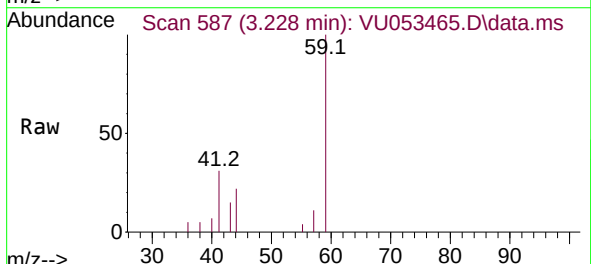
Manual Integrations
APPROVED

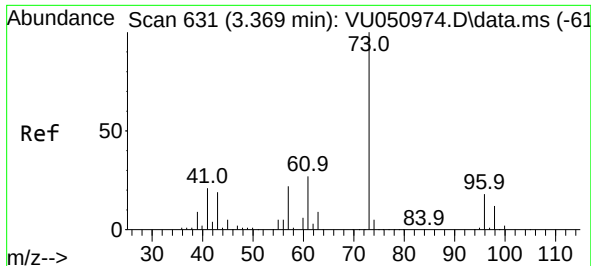
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#24
tert-Butyl Alcohol
Concen: 19.371 ug/l m
RT: 3.228 min Scan# 587
Delta R.T. -0.045 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

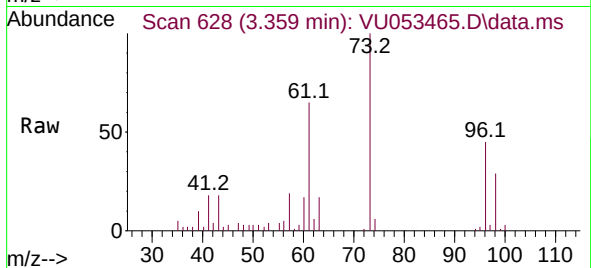
Tgt Ion: 59 Resp: 15725
Ion Ratio Lower Upper
59 100
57 3.1 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 1.944 ug/l
RT: 3.359 min Scan# 611
Delta R.T. -0.010 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

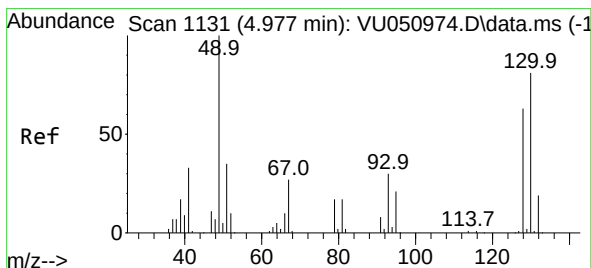
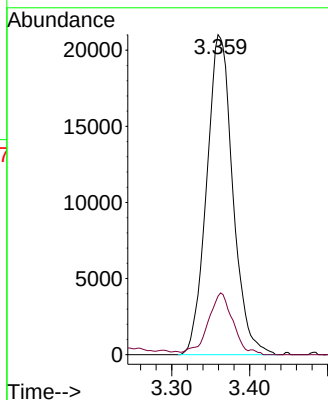
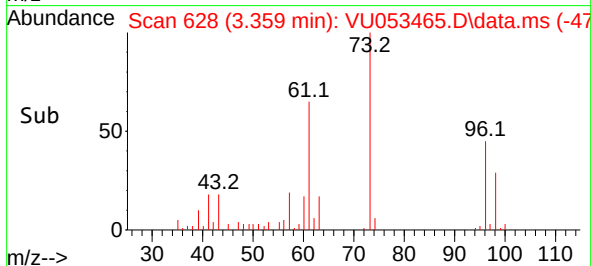
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 73 Resp: 4911
Ion Ratio Lower Upper
73 100
43 18.5 15.0 22.6

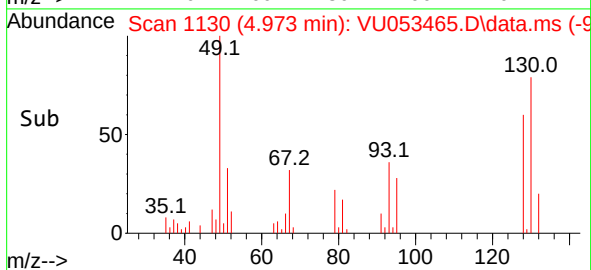
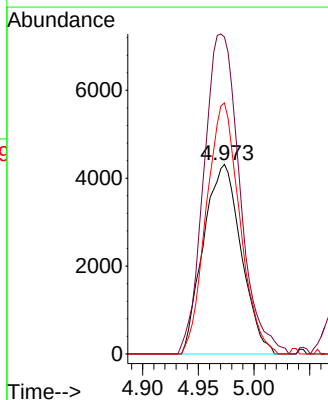
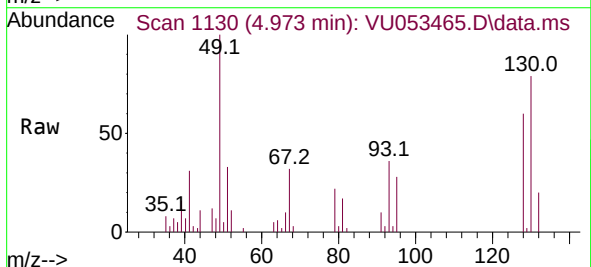
Manual Integrations
APPROVED

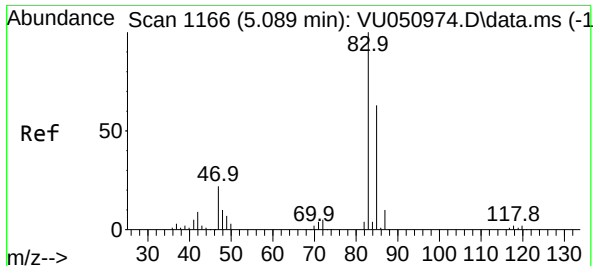
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#26
Bromochloromethane
Concen: 1.966 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Tgt Ion:128 Resp: 10142
Ion Ratio Lower Upper
128 100
49 161.2 0.0 324.6
130 117.8 103.0 154.4





#27

Chloroform

Concen: 2.054 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. -0.006 min

Lab File: VU053465.D

Acq: 29 Mar 2023 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 83 Resp: 4583

Ion Ratio Lower Upper

83 100

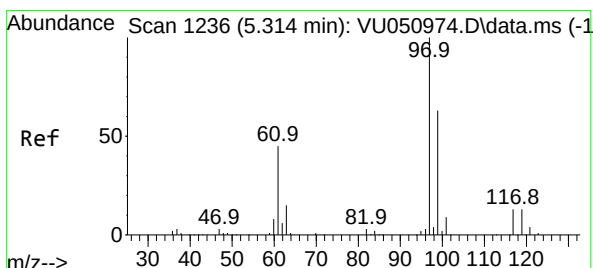
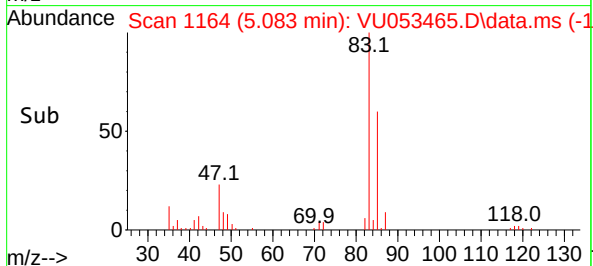
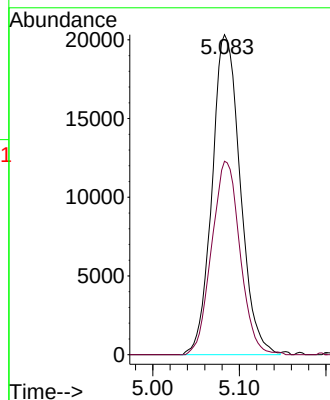
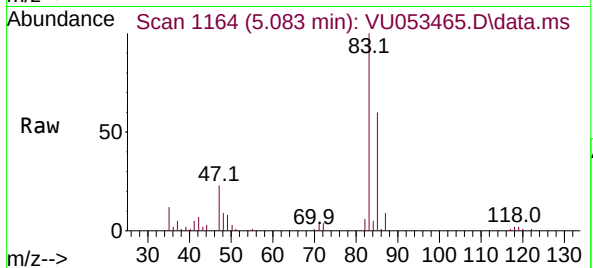
85 60.5 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#28

1,1,1-Trichloroethane

Concen: 1.940 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU053465.D

Acq: 29 Mar 2023 14:51

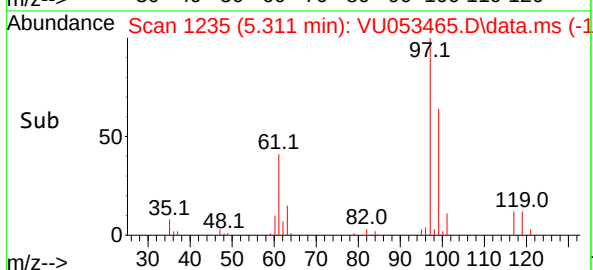
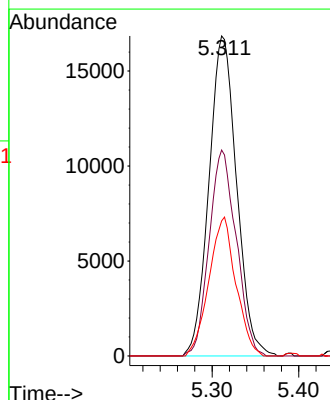
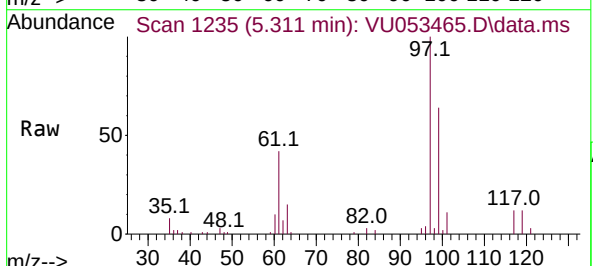
Tgt Ion: 97 Resp: 37332

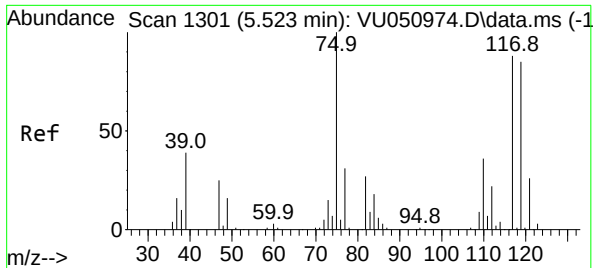
Ion Ratio Lower Upper

97 100

99 63.2 32.0 96.2

61 42.3 22.9 68.5





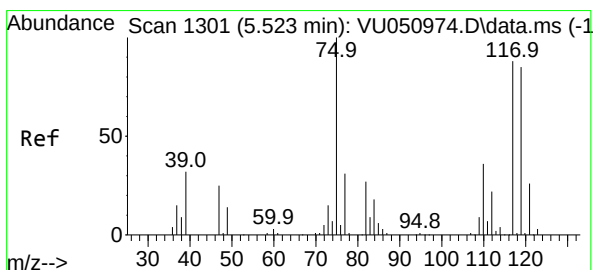
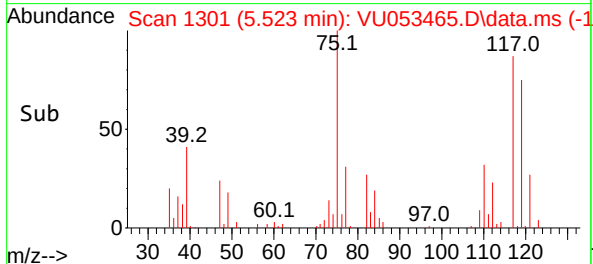
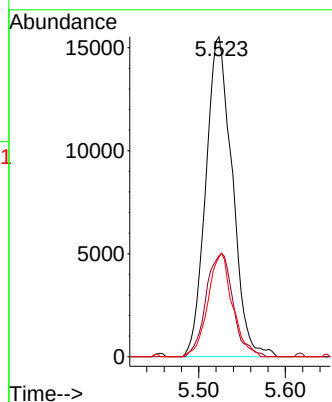
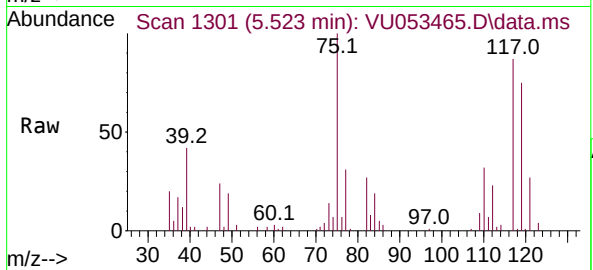
#29
1,1-Dichloropropene
Concen: 1.979 ug/l
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 75 Resp: 3294
Ion Ratio Lower Upper
75 100
110 32.9 18.0 54.0
77 29.9 24.7 37.1

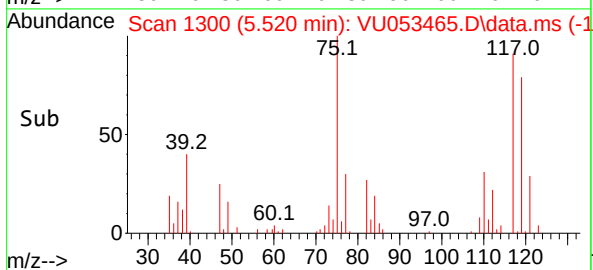
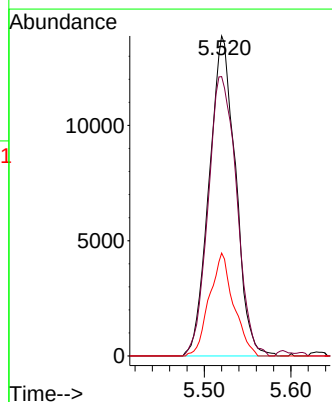
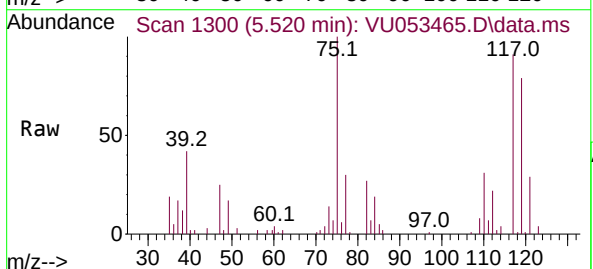
Manual Integrations
APPROVED

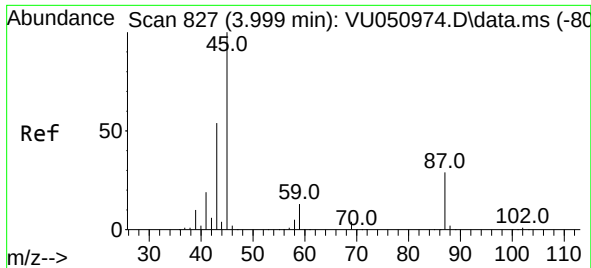
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#30
Carbon Tetrachloride
Concen: 1.917 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

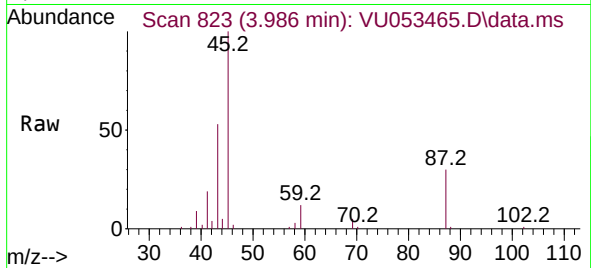
Tgt Ion:117 Resp: 29351
Ion Ratio Lower Upper
117 100
119 87.3 77.4 116.0
121 32.2 24.0 36.0





#31
Isopropyl Ether
Concen: 1.972 ug/l
RT: 3.986 min Scan# 81
Delta R.T. -0.013 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

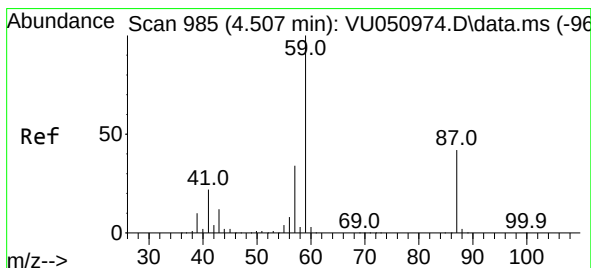
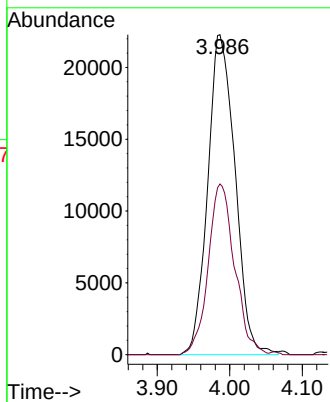
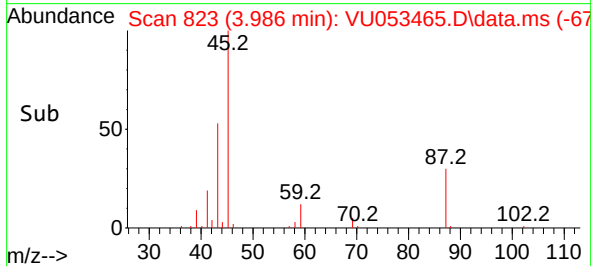
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



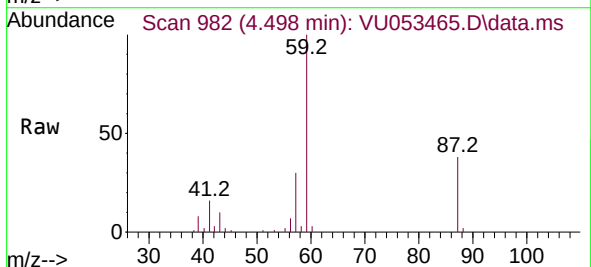
Tgt Ion: 45 Resp: 5833
Ion Ratio Lower Upper
45 100
43 51.7 27.5 82.5

Manual Integrations
APPROVED

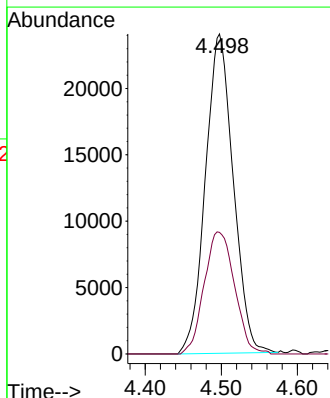
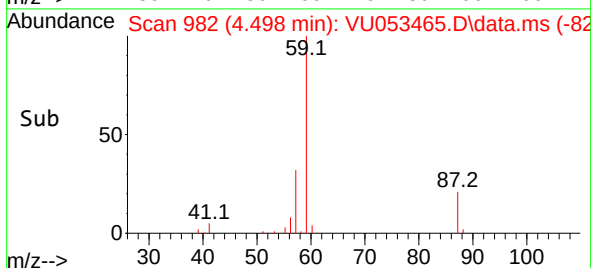
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

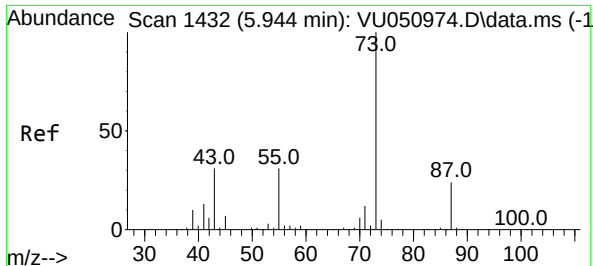


#32
Ethyl-t-butyl ether
Concen: 2.014 ug/l
RT: 4.498 min Scan# 982
Delta R.T. -0.010 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51



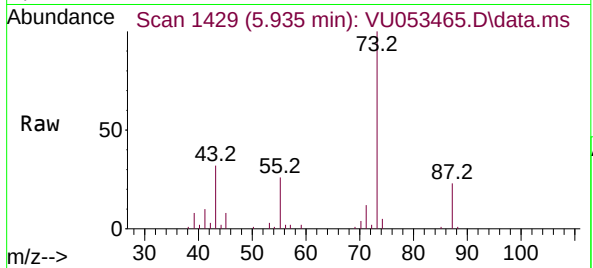
Tgt Ion: 59 Resp: 61203
Ion Ratio Lower Upper
59 100
87 41.7 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 1.937 ug/l
RT: 5.935 min Scan# 1432
Delta R.T. -0.010 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

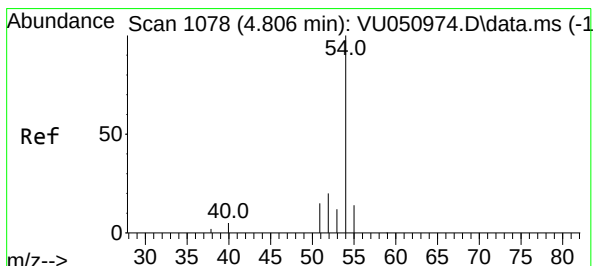
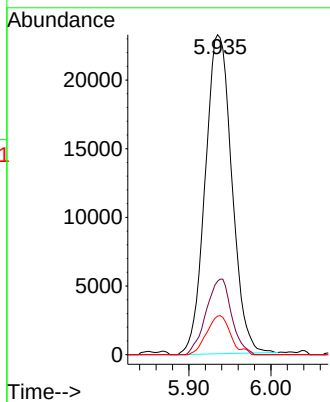
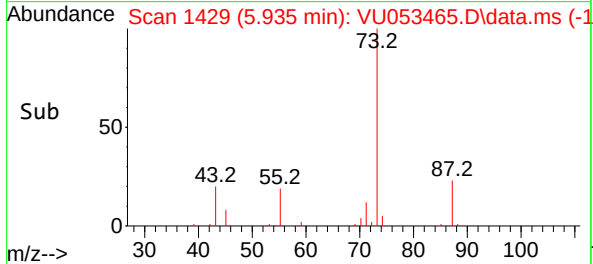
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



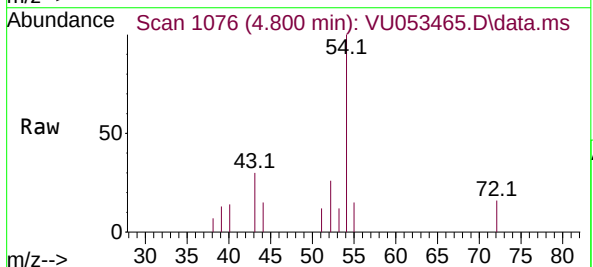
Tgt Ion: 73 Resp: 52329
Ion Ratio Lower Upper
73 100
87 22.6 18.6 28.0
71 11.0 9.9 14.9

Manual Integrations
APPROVED

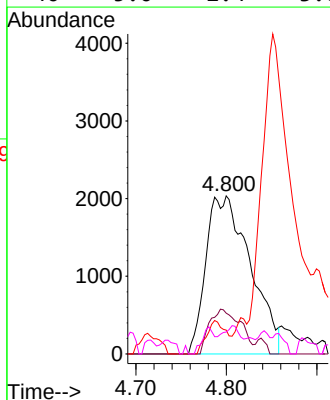
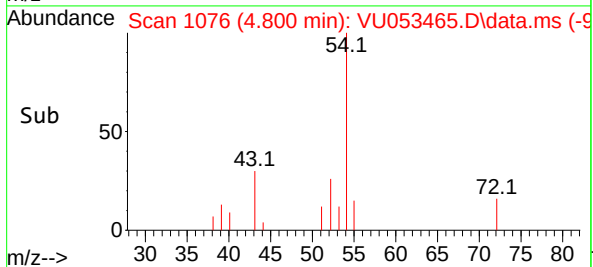
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

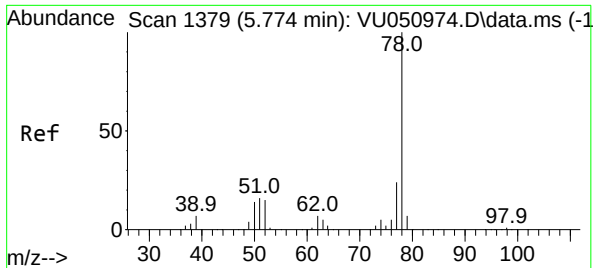


#34
Propionitrile
Concen: 9.158 ug/l m
RT: 4.800 min Scan# 1076
Delta R.T. -0.006 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51



Tgt Ion: 54 Resp: 6922
Ion Ratio Lower Upper
54 100
52 19.8 17.4 26.0
55 9.5 104.1 156.1#
40 5.0 2.4 3.6#





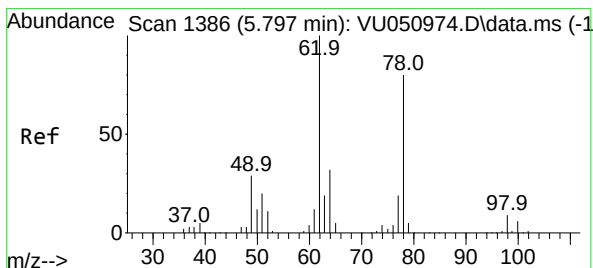
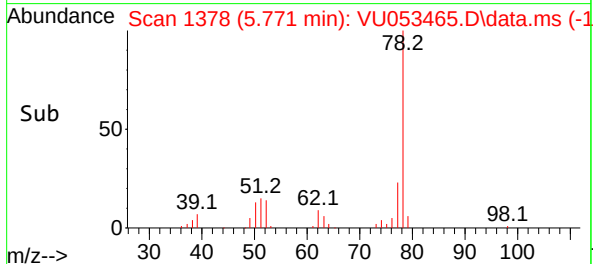
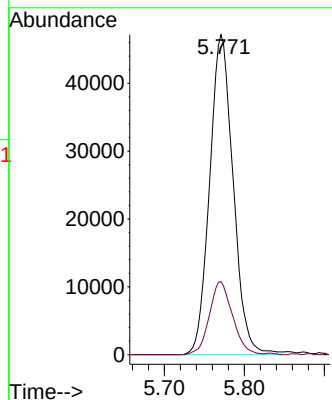
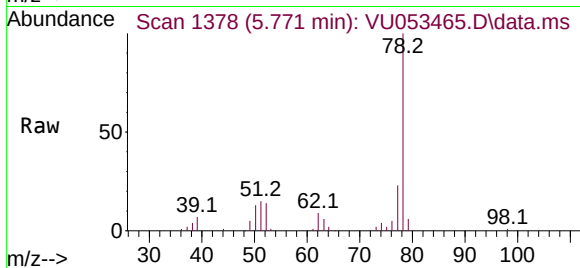
#35
Benzene
Concen: 1.978 ug/l
RT: 5.771 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 78 Resp: 96340
Ion Ratio Lower Upper
78 100
77 22.9 18.9 28.3

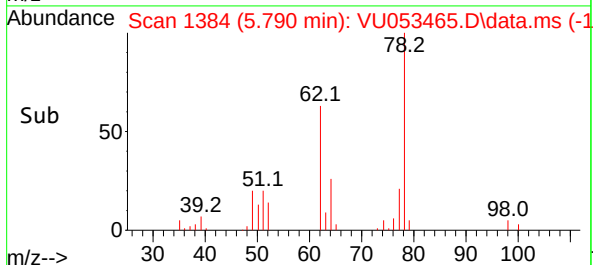
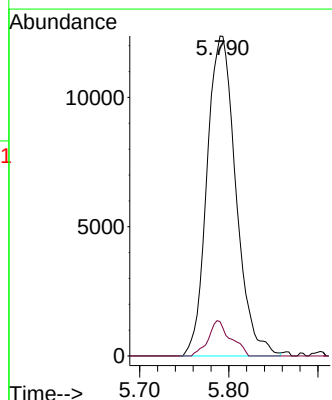
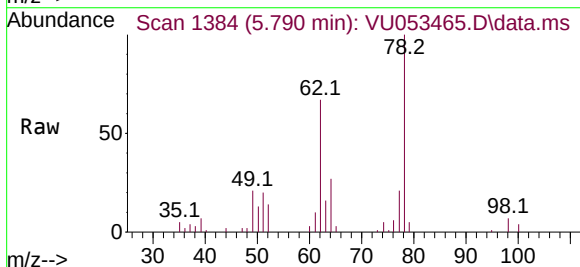
Manual Integrations
APPROVED

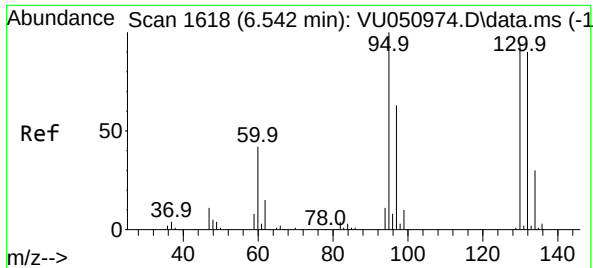
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#36
1,2-Dichloroethane
Concen: 1.996 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. -0.006 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Tgt Ion: 62 Resp: 27920
Ion Ratio Lower Upper
62 100
98 8.5 7.3 10.9





#37
Trichloroethene
Concen: 1.927 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

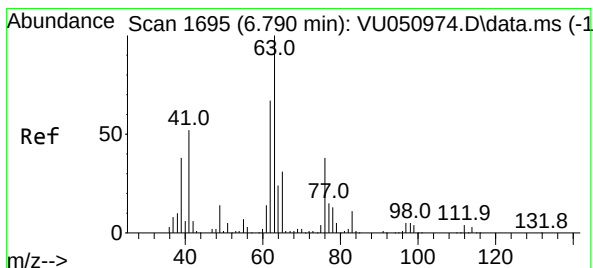
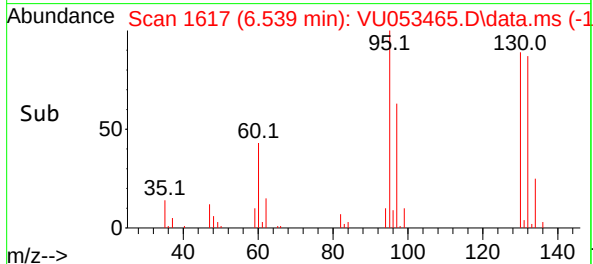
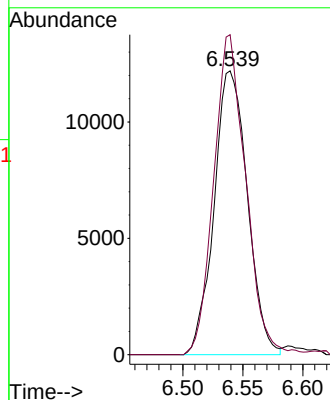
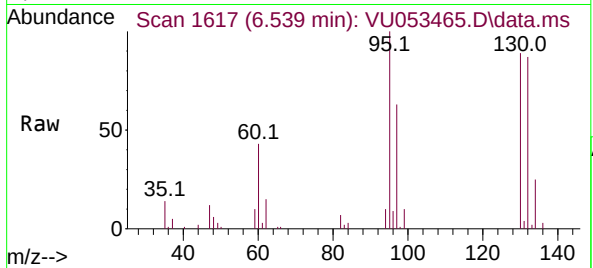
Tgt Ion:130 Resp: 2360
Ion Ratio Lower Upper
130 100
95 112.7 85.0 127.6

Manual Integrations

APPROVED

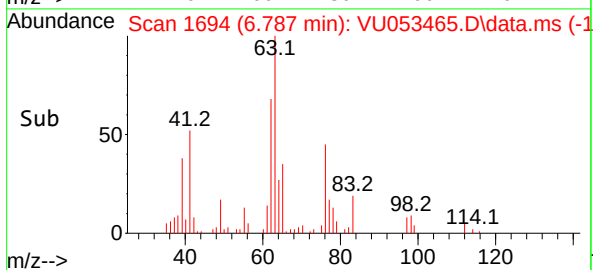
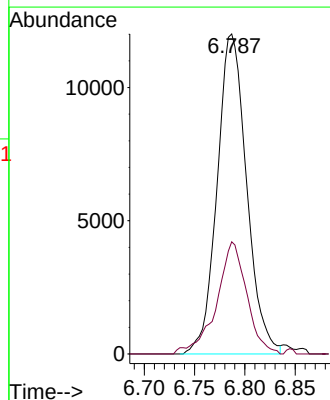
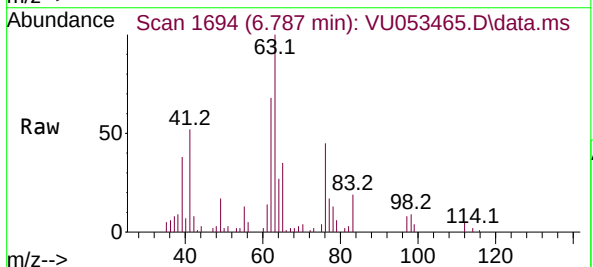
Reviewed By :Krupa Patel 04/07/2023

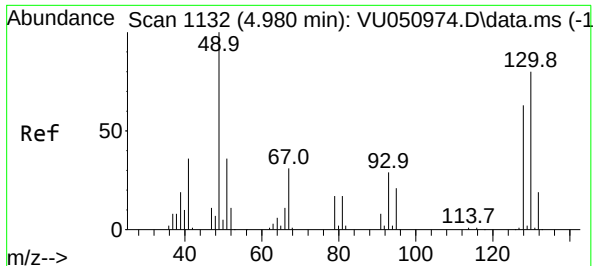
Supervised By :Mahesh Dadoda 04/07/2023



#38
1,2-Dichloropropane
Concen: 1.964 ug/l
RT: 6.787 min Scan# 1694
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Tgt Ion: 63 Resp: 24513
Ion Ratio Lower Upper
63 100
65 35.1 24.9 37.3





#39

Methacrylonitrile

Concen: 2.022 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VU053465.D

Acq: 29 Mar 2023 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

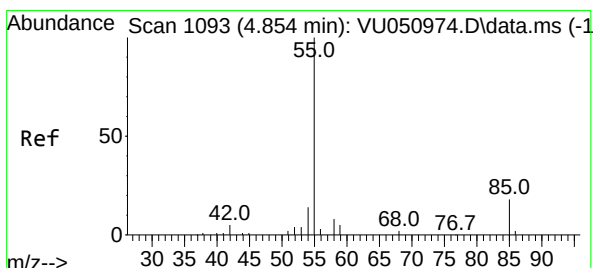
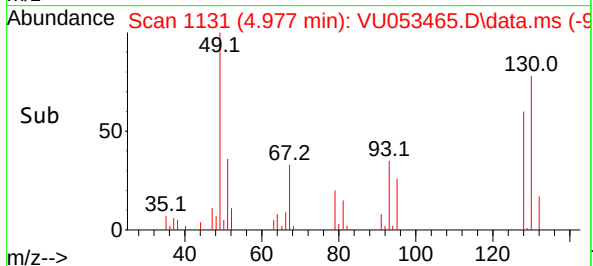
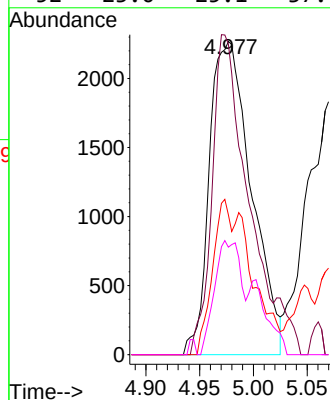
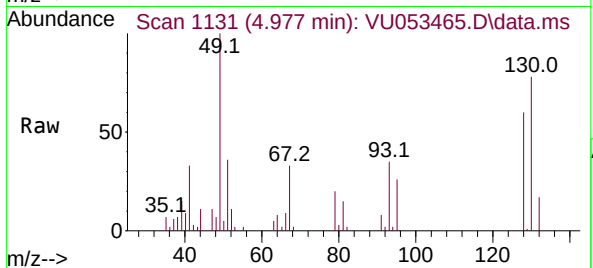
Tgt Ion: 41	Resp: 615
Ion Ratio	Lower Upper
41 100	
67 84.1	66.8 100.2
39 22.2	41.2 61.8
52 23.0	25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#40

Methyl acrylate

Concen: 2.033 ug/l m

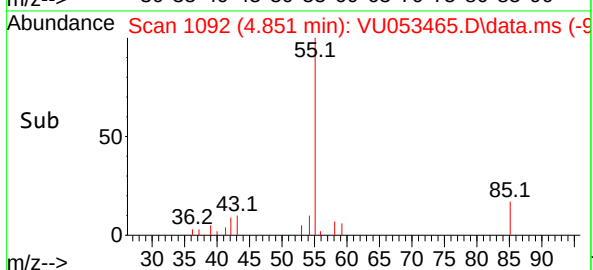
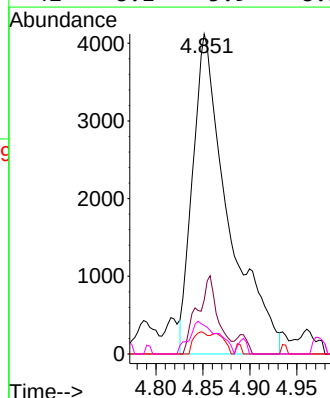
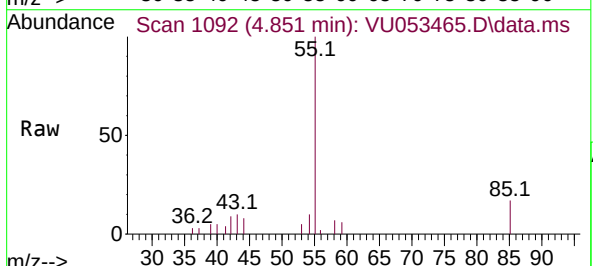
RT: 4.851 min Scan# 1092

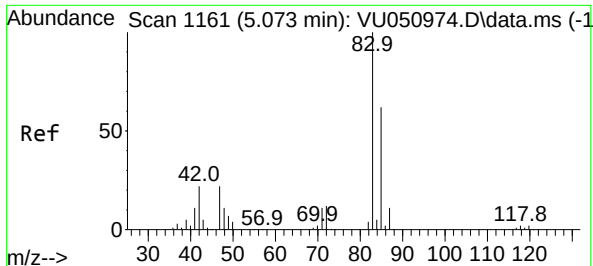
Delta R.T. -0.003 min

Lab File: VU053465.D

Acq: 29 Mar 2023 14:51

Tgt Ion: 55	Resp: 10790
Ion Ratio	Lower Upper
55 100	
85 14.2	13.3 19.9
58 3.0	6.5 9.7
42 8.1	5.9 8.9





#41

Tetrahydrofuran

Concen: 4.096 ug/l

RT: 5.063 min Scan# 1158

Delta R.T. -0.010 min

Lab File: VU053465.D

Acq: 29 Mar 2023 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

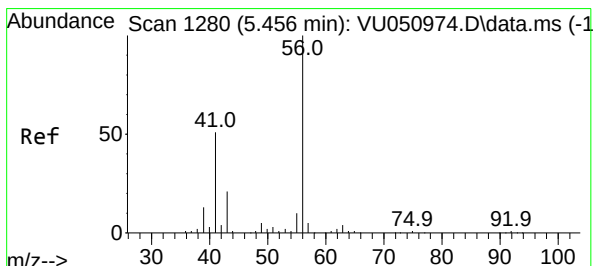
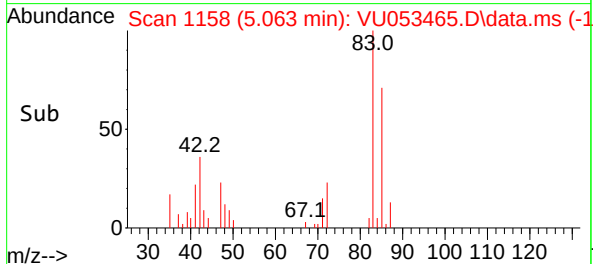
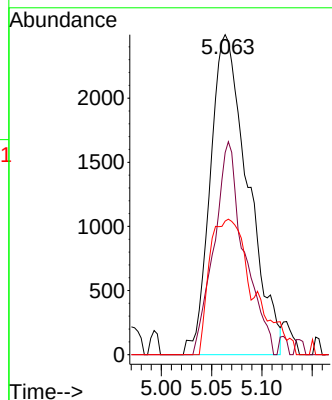
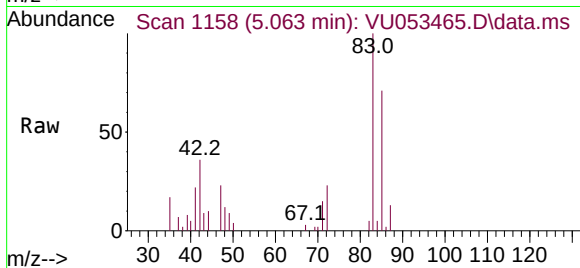
Tgt Ion: 42	Resp: 649
Ion Ratio	Lower Upper
42	100
72	53.2 40.9 61.3
71	49.3 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#42

1-Chlorobutane

Concen: 1.948 ug/l

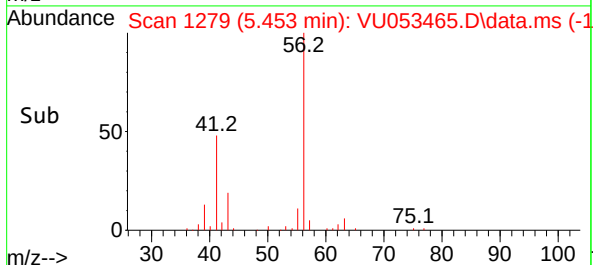
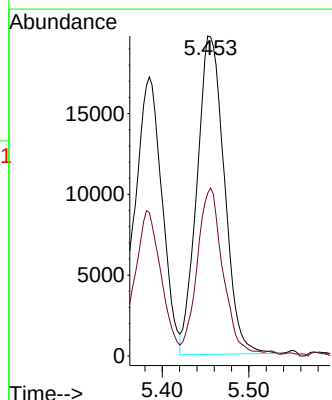
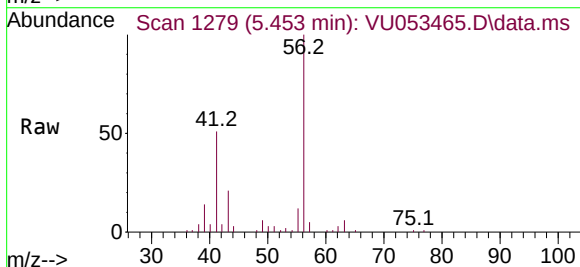
RT: 5.453 min Scan# 1279

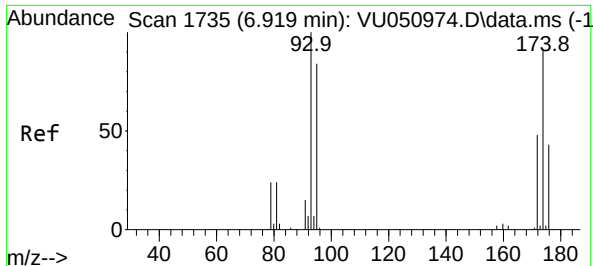
Delta R.T. -0.003 min

Lab File: VU053465.D

Acq: 29 Mar 2023 14:51

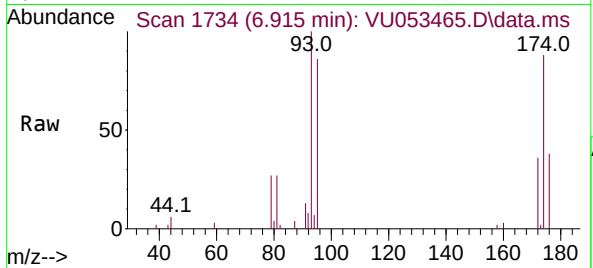
Tgt Ion: 56	Resp: 43140
Ion Ratio	Lower Upper
56	100
41	48.1 25.2 75.6





#43
Dibromomethane
Concen: 2.052 ug/l
RT: 6.915 min Scan# 1735
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

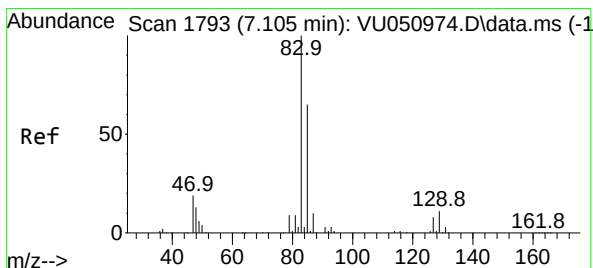
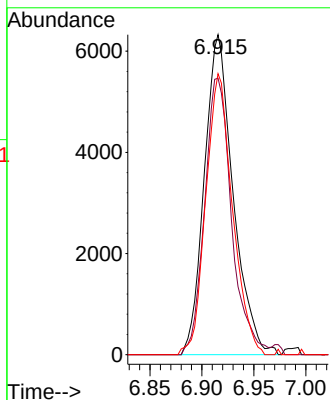
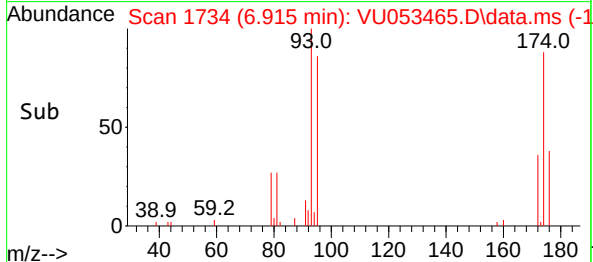
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



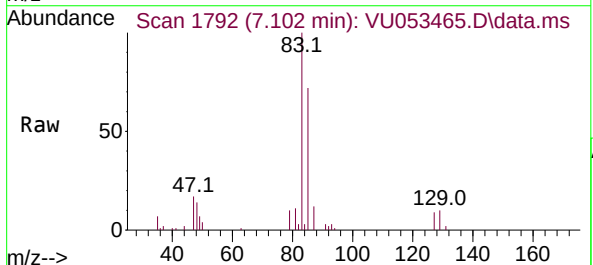
Tgt Ion: 93 Resp: 1220
Ion Ratio Lower Upper
93 100
95 80.8 67.0 100.6
174 81.4 73.8 110.6

Manual Integrations
APPROVED

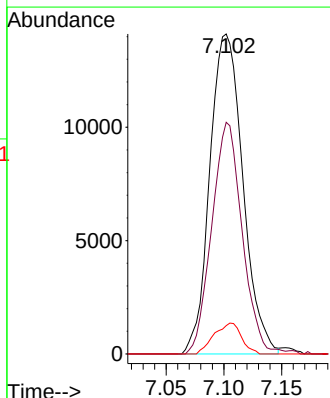
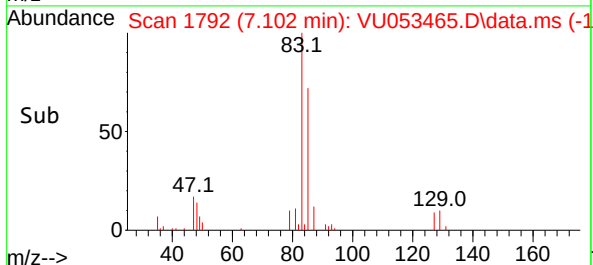
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

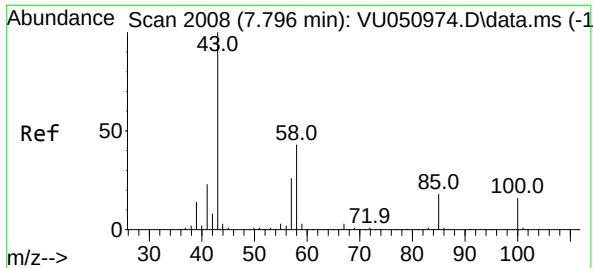


#44
Bromodichloromethane
Concen: 1.893 ug/l
RT: 7.102 min Scan# 1792
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51



Tgt Ion: 83 Resp: 28146
Ion Ratio Lower Upper
83 100
85 72.4 51.9 77.9
127 8.8 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 9.799 ug/l

RT: 7.787 min Scan# 2005

Delta R.T. -0.010 min

Lab File: VU053465.D

Acq: 29 Mar 2023 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

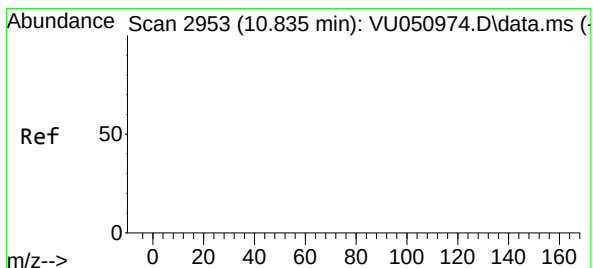
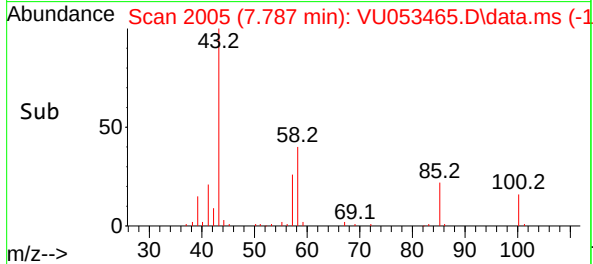
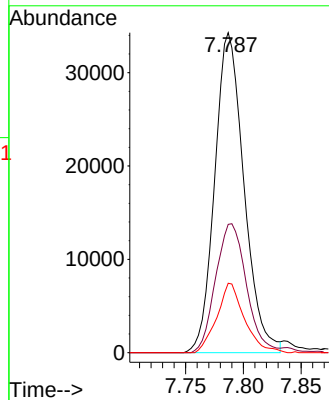
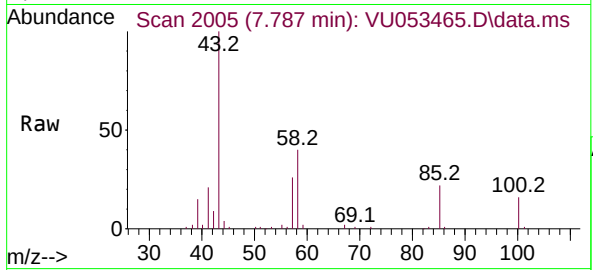
Tgt Ion: 43	Resp: 60430
Ion Ratio	Lower Upper
43	100
58	42.4 20.9 62.8
85	20.5 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#46

t-1,4-Dichloro-2-butene

Concen: 3.604 ug/l m

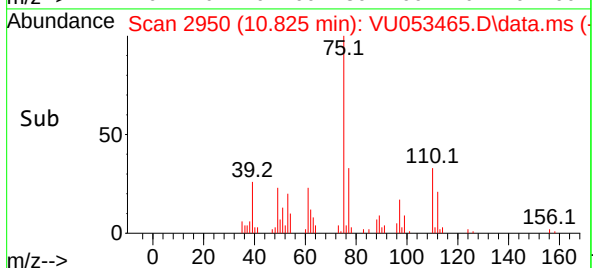
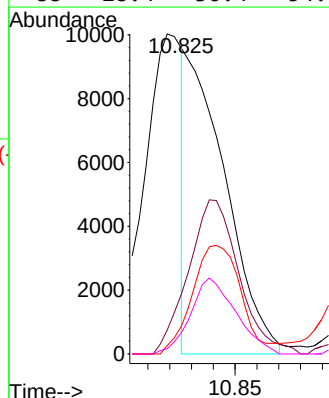
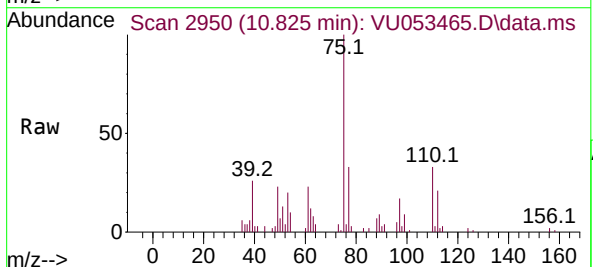
RT: 10.825 min Scan# 2950

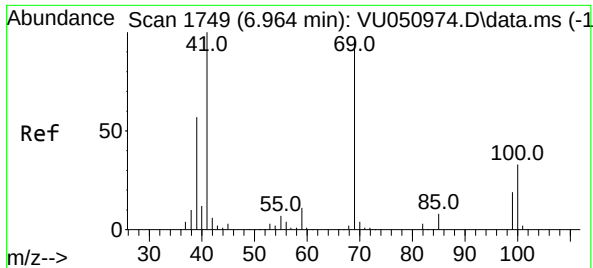
Delta R.T. -0.010 min

Lab File: VU053465.D

Acq: 29 Mar 2023 14:51

Tgt Ion: 75	Resp: 12064
Ion Ratio	Lower Upper
75	100
53	64.5 73.3 109.9#
89	43.6 48.2 72.4#
88	28.4 36.4 54.6#





#47

Methyl methacrylate

Concen: 3.874 ug/l

RT: 6.960 min Scan# 11

Delta R.T. -0.004 min

Lab File: VU053465.D

Acq: 29 Mar 2023 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 69 Resp: 21179

Ion Ratio Lower Upper

69 100

41 93.5 0.0 209.2

39 56.3 46.7 70.1

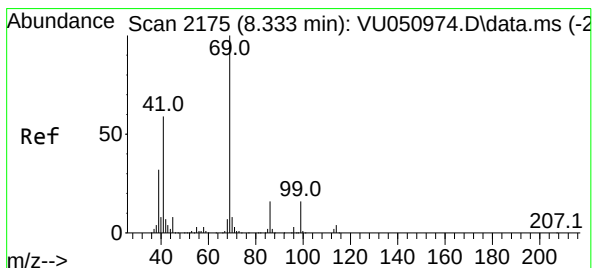
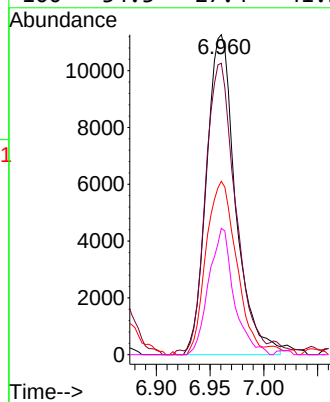
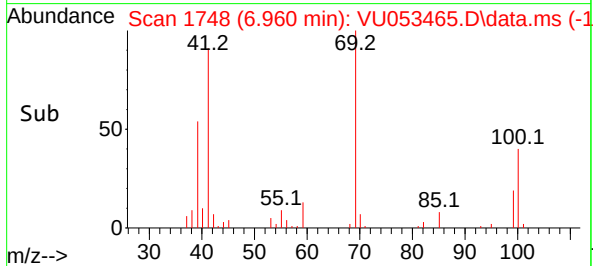
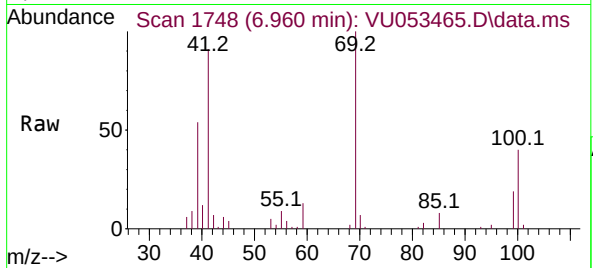
100 34.3 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#48

Ethyl methacrylate

Concen: 1.981 ug/l

RT: 8.330 min Scan# 2174

Delta R.T. -0.003 min

Lab File: VU053465.D

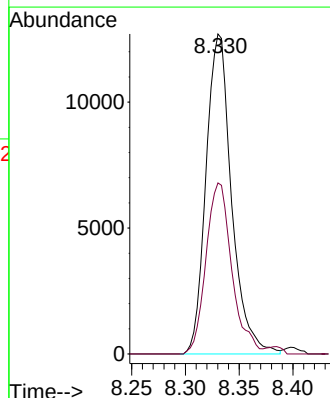
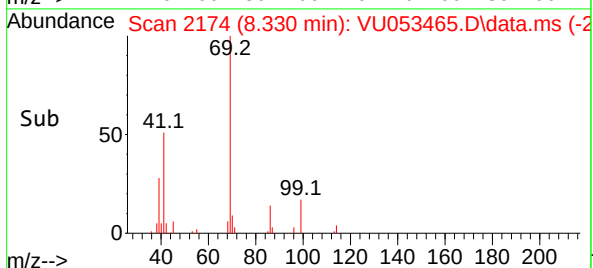
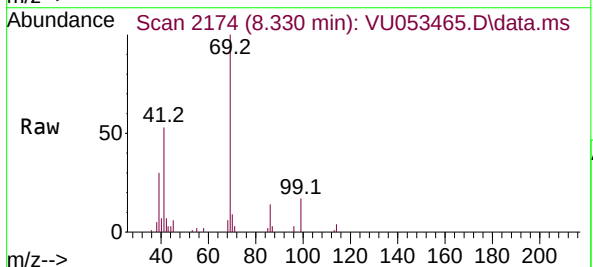
Acq: 29 Mar 2023 14:51

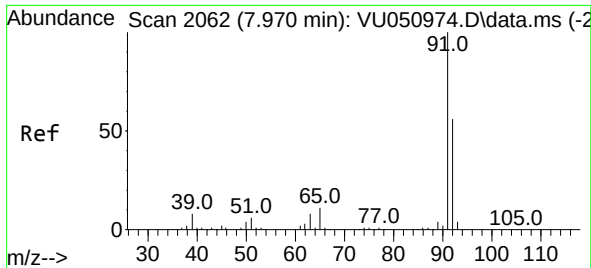
Tgt Ion: 69 Resp: 20997

Ion Ratio Lower Upper

69 100

41 54.2 30.3 90.8





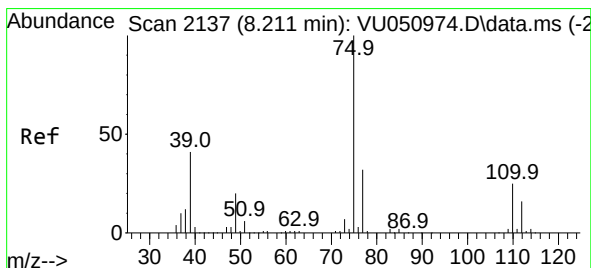
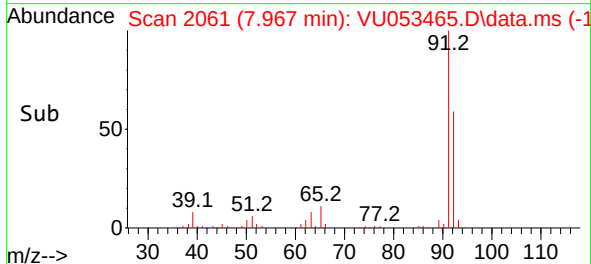
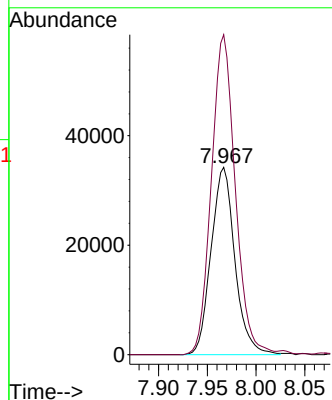
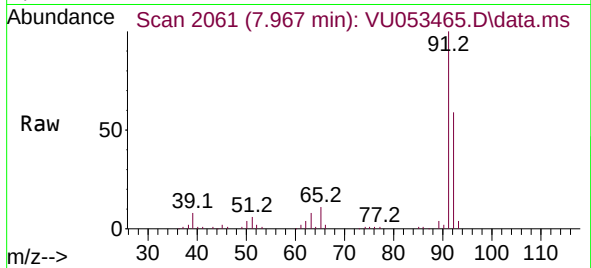
#49
Toluene
Concen: 1.951 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 92 Resp: 5825
Ion Ratio Lower Upper
92 100
91 171.1 143.0 214.6

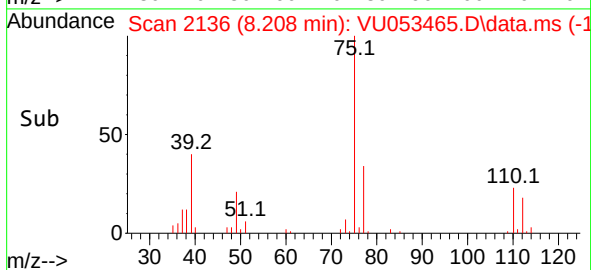
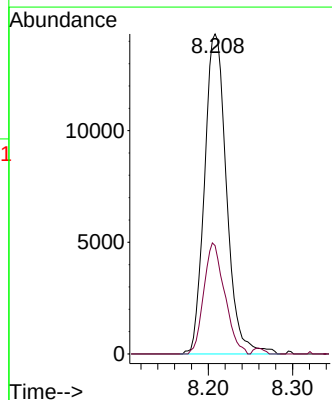
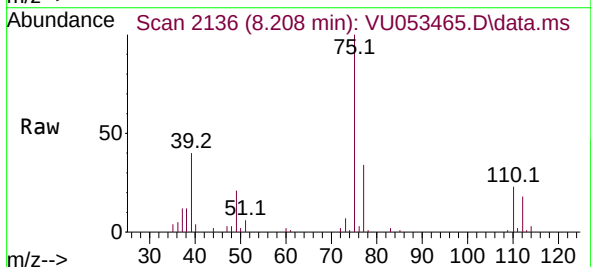
Manual Integrations
APPROVED

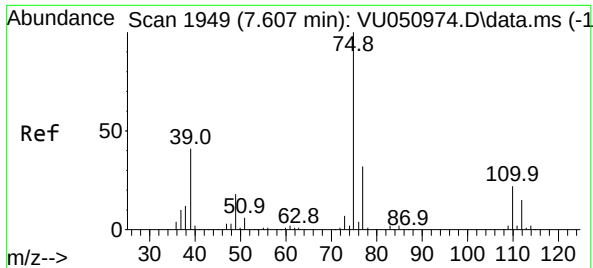
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#50
t-1,3-Dichloropropene
Concen: 1.890 ug/l
RT: 8.208 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

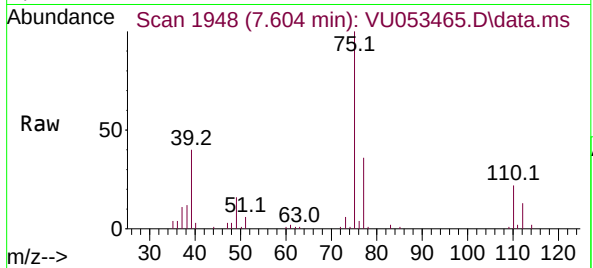
Tgt Ion: 75 Resp: 26031
Ion Ratio Lower Upper
75 100
77 33.8 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 1.906 ug/l
 RT: 7.604 min Scan# 1948
 Delta R.T. -0.003 min
 Lab File: VU053465.D
 Acq: 29 Mar 2023 14:51

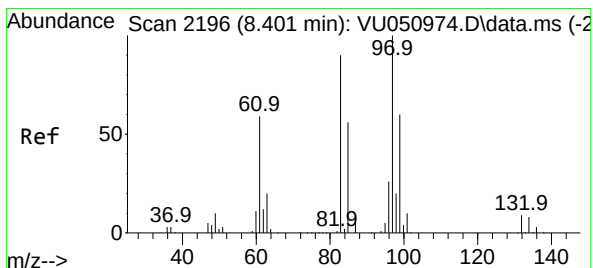
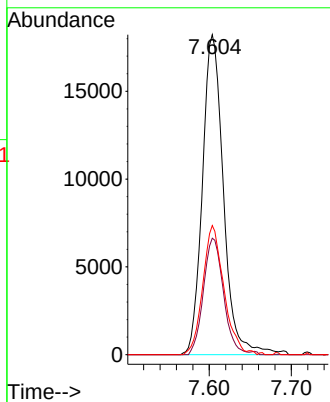
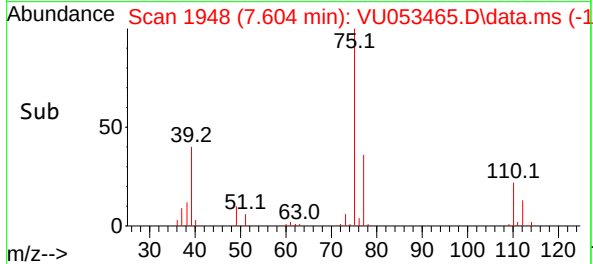
Instrument : MSVOA_U
 ClientSampleId : VSTDIC002



Tgt Ion: 75 Resp: 32500
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.7 38.5
 39 40.4 32.8 49.2

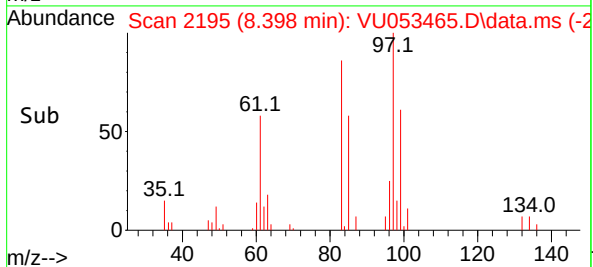
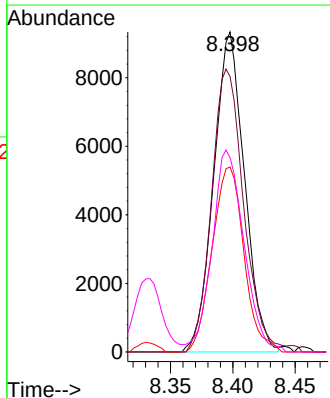
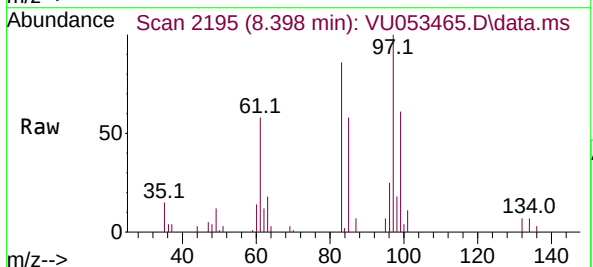
Manual Integrations
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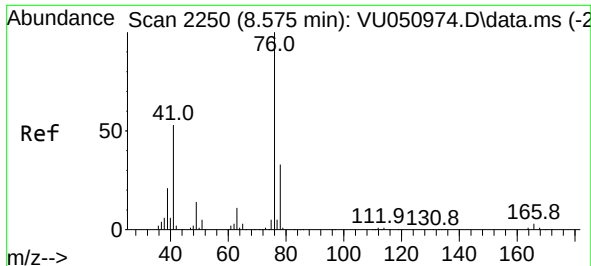
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#52
 1,1,2-Trichloroethane
 Concen: 1.861 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. -0.003 min
 Lab File: VU053465.D
 Acq: 29 Mar 2023 14:51

Tgt Ion: 97 Resp: 16040
 Ion Ratio Lower Upper
 97 100
 83 86.1 71.8 107.8
 85 57.8 45.2 67.8
 99 59.0 50.6 75.8





#53
1,3-Dichloropropane
Concen: 1.969 ug/l
RT: 8.571 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

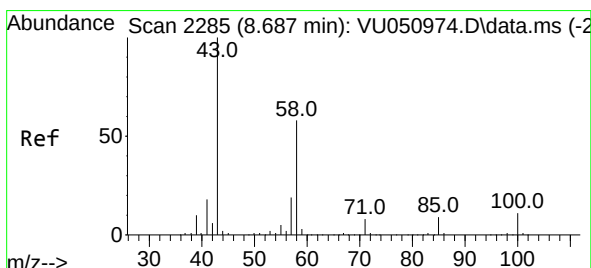
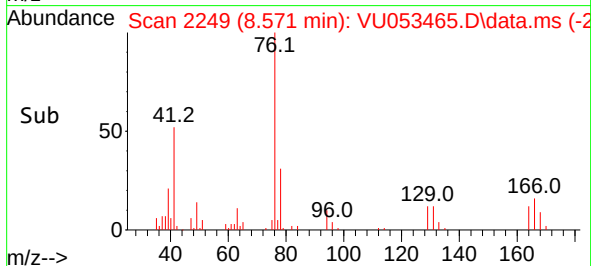
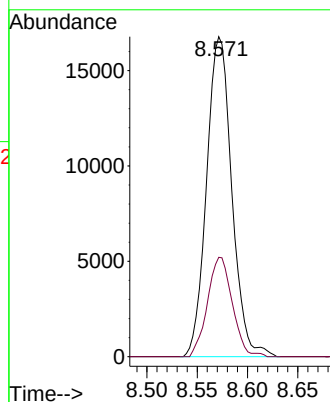
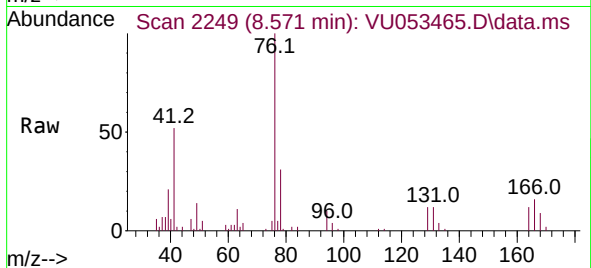
Tgt Ion: 76 Resp: 2928
Ion Ratio Lower Upper
76 100
78 30.5 25.9 38.9

Manual Integrations

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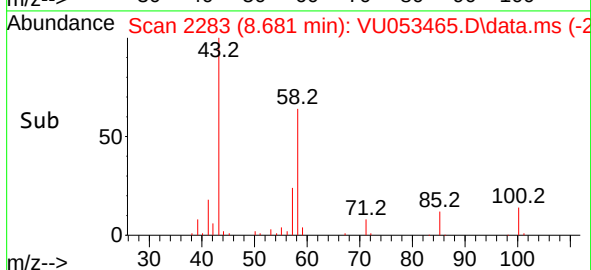
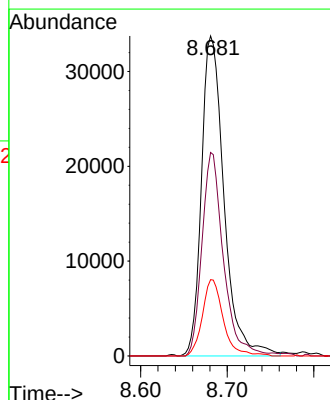
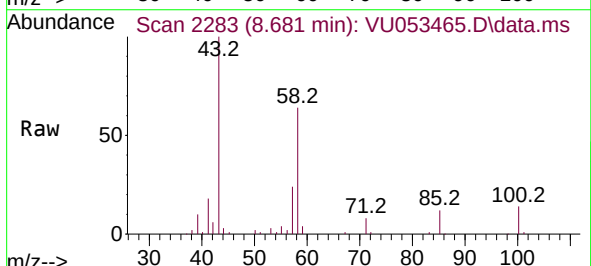
Reviewed By :Krupa Patel 04/07/2023

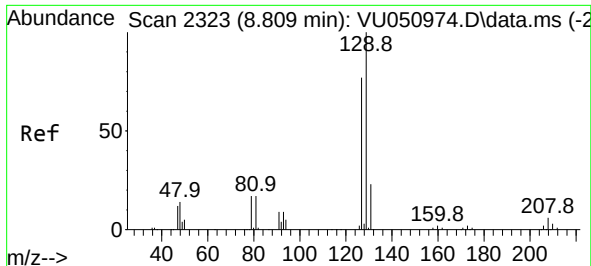
Supervised By :Mahesh Dadoda 04/07/2023



#54
2-Hexanone
Concen: 9.447 ug/l
RT: 8.681 min Scan# 2283
Delta R.T. -0.006 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

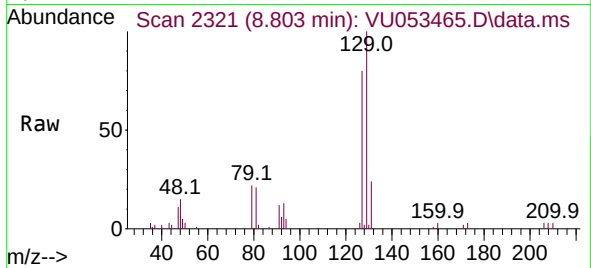
Tgt Ion: 43 Resp: 61125
Ion Ratio Lower Upper
43 100
58 60.2 38.2 78.2
57 21.8 0.0 39.1





#55
Dibromochloromethane
Concen: 1.848 ug/l
RT: 8.803 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

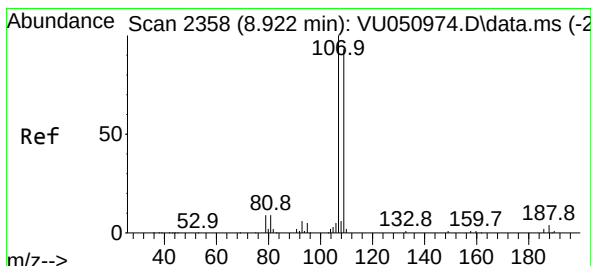
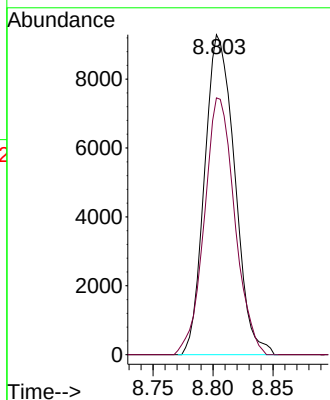
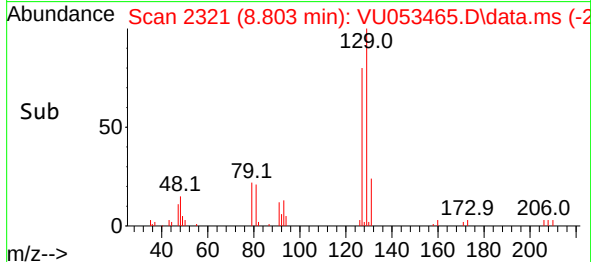
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



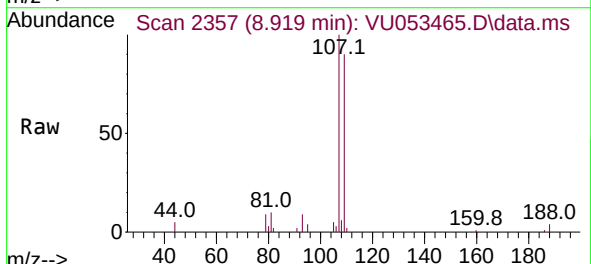
Tgt Ion:129 Resp: 1622
Ion Ratio Lower Upper
129 100
127 81.0 61.4 92.0

Manual Integrations
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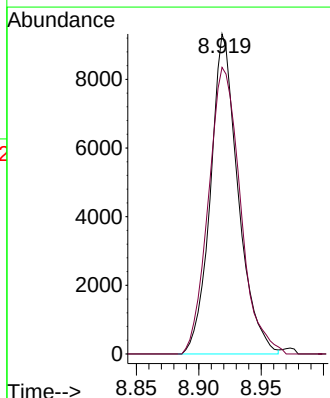
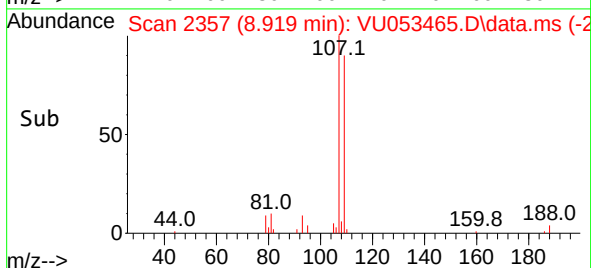
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

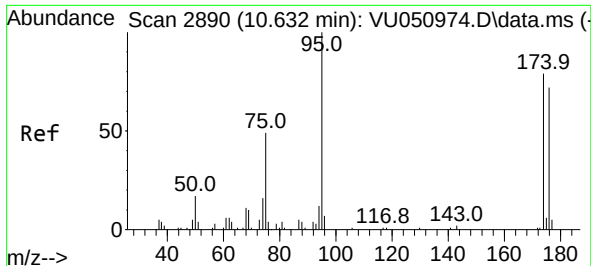


#56
1,2-Dibromoethane
Concen: 1.817 ug/l
RT: 8.919 min Scan# 2357
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51



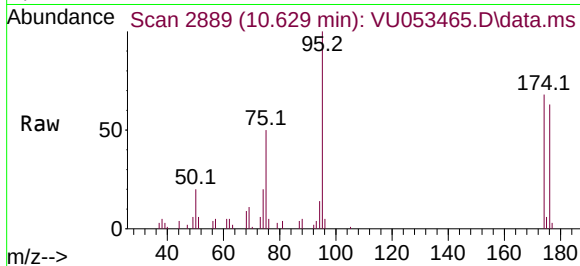
Tgt Ion:107 Resp: 14431
Ion Ratio Lower Upper
107 100
109 103.3 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.976 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

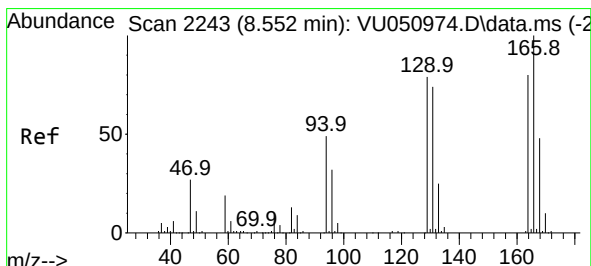
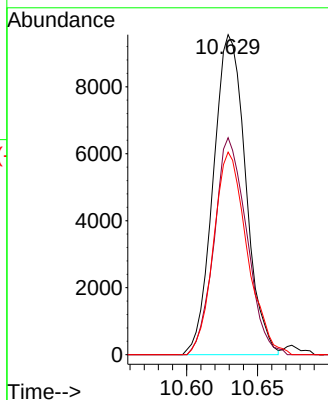
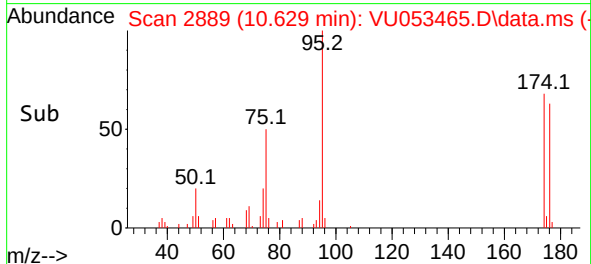
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



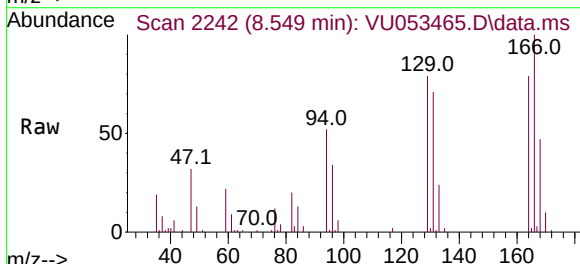
Tgt Ion: 95 Resp: 1520
Ion Ratio Lower Upper
95 100
174 67.8 63.3 94.9
176 65.5 59.3 88.9

Manual Integrations
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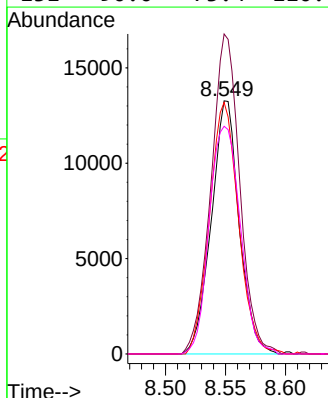
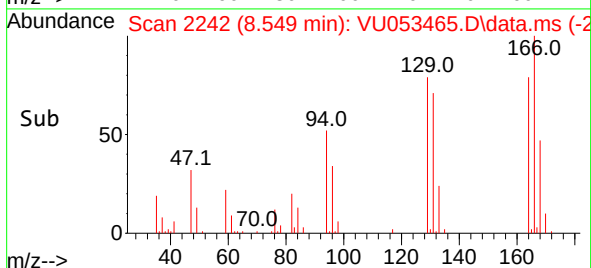
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

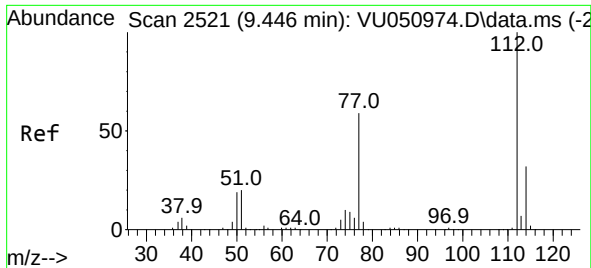


#58
Tetrachloroethene
Concen: 1.871 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51



Tgt Ion:164 Resp: 21435
Ion Ratio Lower Upper
164 100
166 126.4 99.6 149.4
129 99.4 78.6 117.8
131 90.0 73.4 110.0





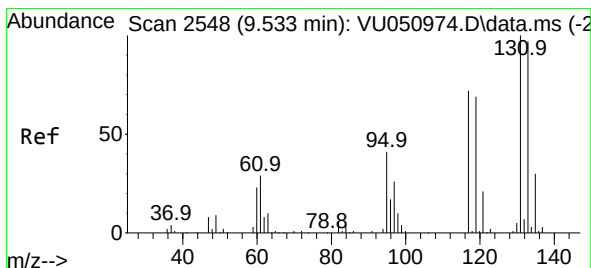
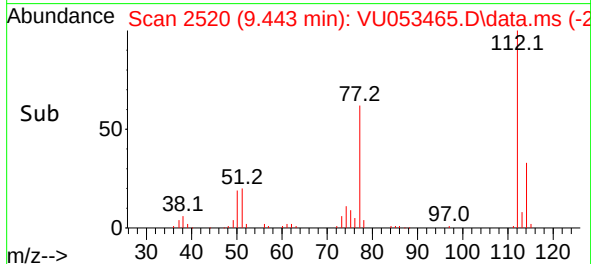
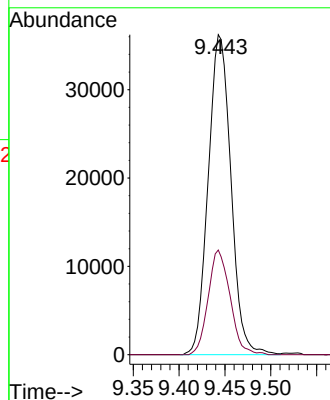
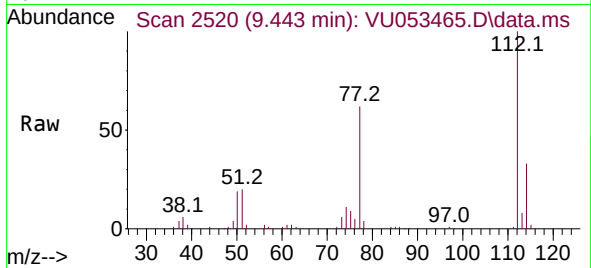
#59
Chlorobenzene
Concen: 1.899 ug/l
RT: 9.443 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:112 Resp: 6240
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4

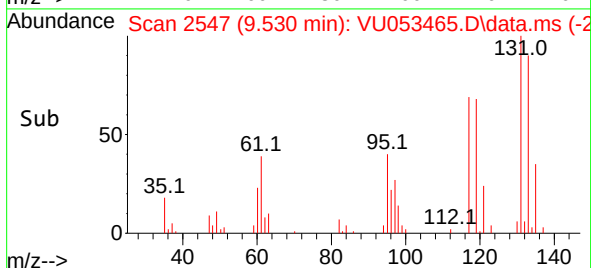
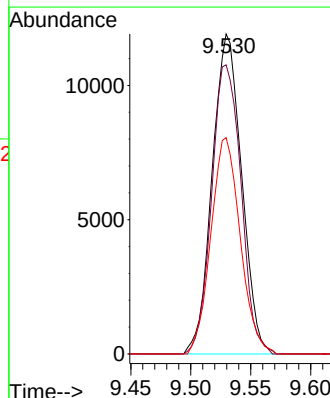
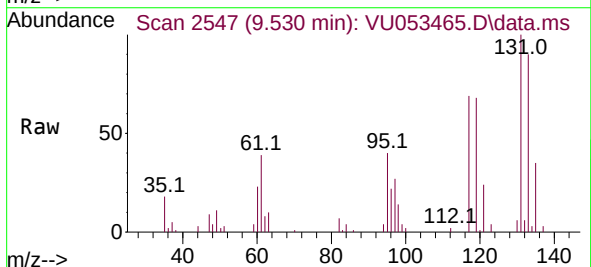
Manual Integrations
APPROVED

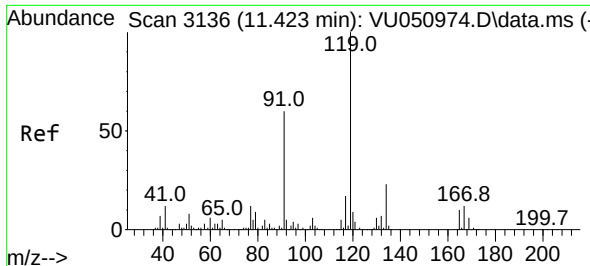
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 2.032 ug/l
RT: 9.530 min Scan# 2547
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Tgt Ion:131 Resp: 20301
Ion Ratio Lower Upper
131 100
133 90.3 77.8 116.6
119 67.4 55.2 82.8





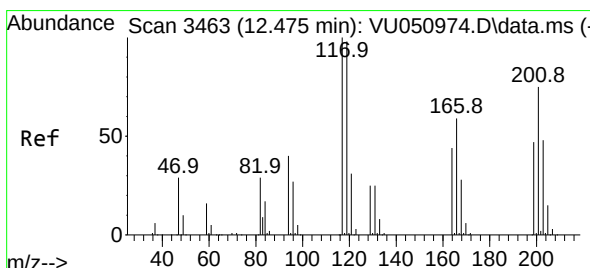
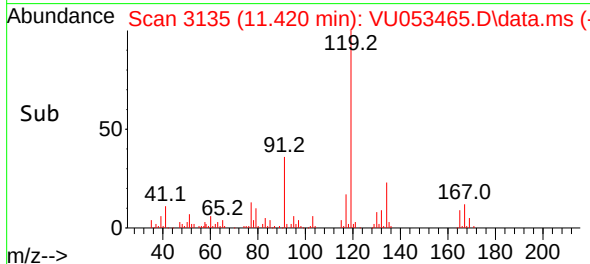
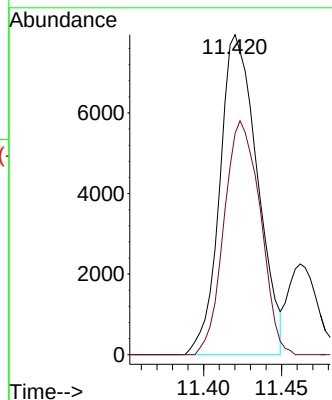
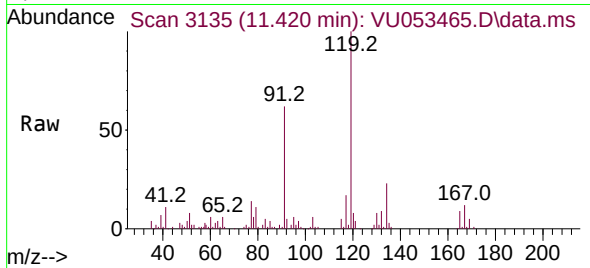
#61
Pentachloroethane
Concen: 1.900 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 13334
Ion Ratio Lower Upper
117 100
167 70.3 56.7 85.1

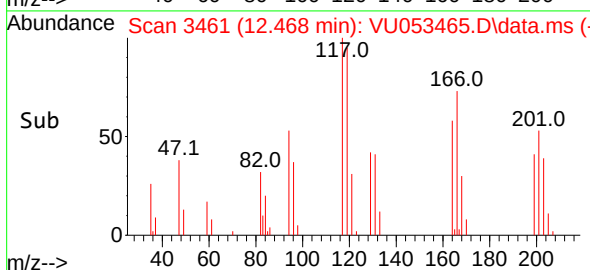
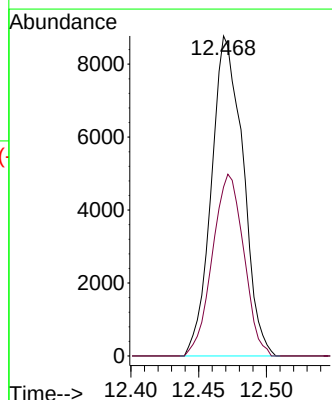
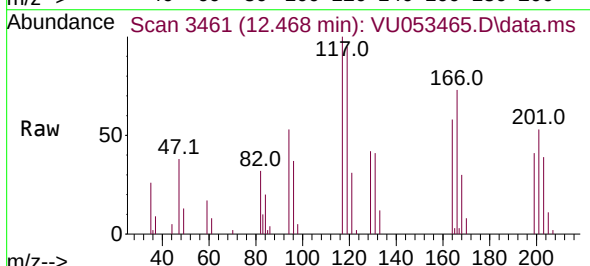
Manual Integrations
APPROVED

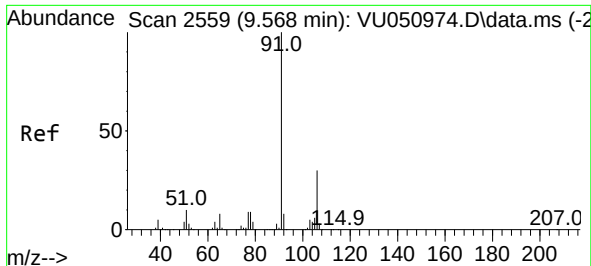
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#62
Hexachloroethane
Concen: 1.892 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.007 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Tgt Ion:117 Resp: 14223
Ion Ratio Lower Upper
117 100
201 56.3 59.6 89.4#





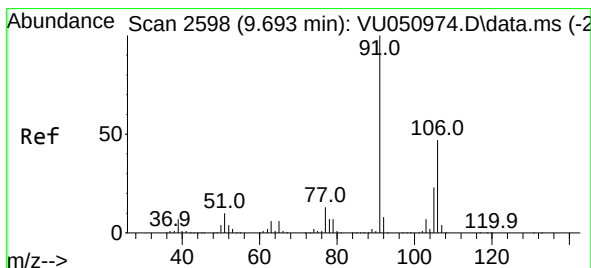
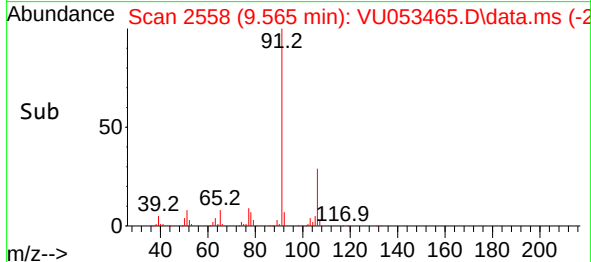
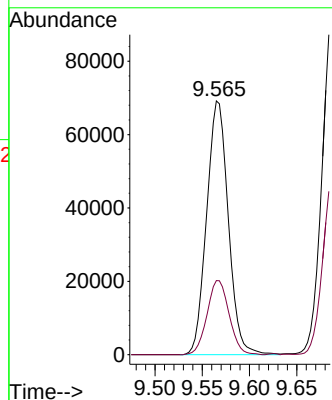
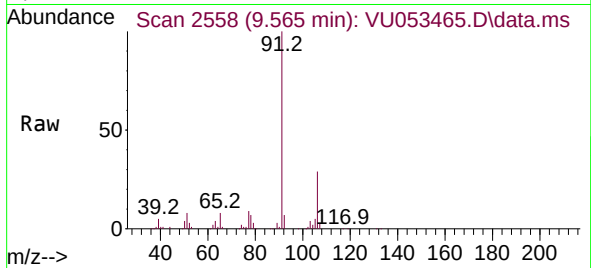
#63
Ethyl Benzene
Concen: 1.915 ug/l
RT: 9.565 min Scan# 2558
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 110374
Ion Ratio Lower Upper
91 100
106 29.2 24.2 36.2

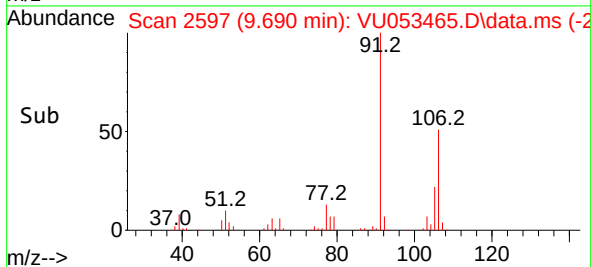
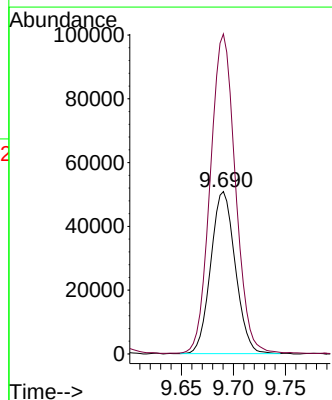
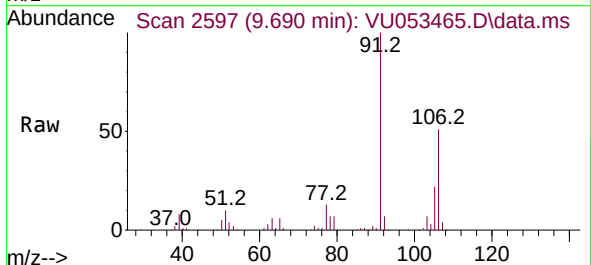
Manual Integrations
APPROVED

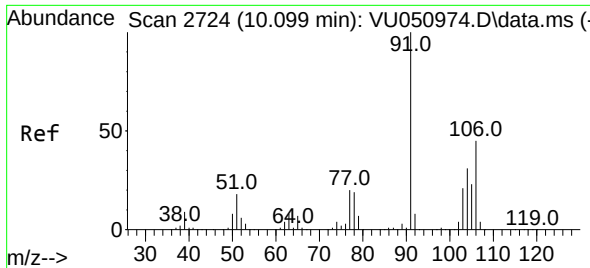
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#64
m/p-Xylenes
Concen: 3.782 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Tgt Ion:106 Resp: 83333
Ion Ratio Lower Upper
106 100
91 202.7 167.3 250.9





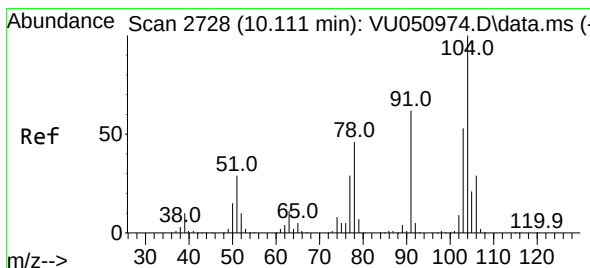
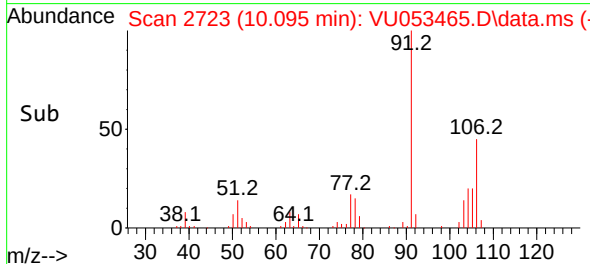
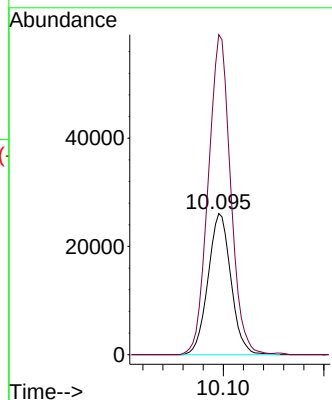
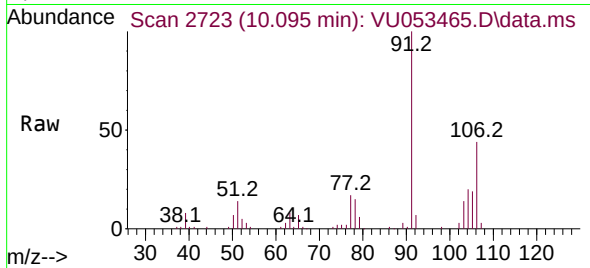
#65
o-Xylene
Concen: 1.905 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. -0.004 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:106 Resp: 41093
Ion Ratio Lower Upper
106 100
91 222.1 109.3 327.9

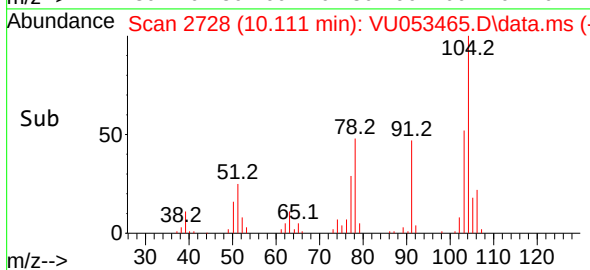
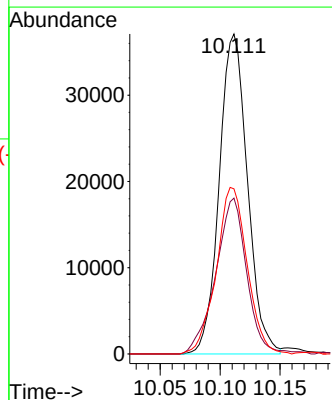
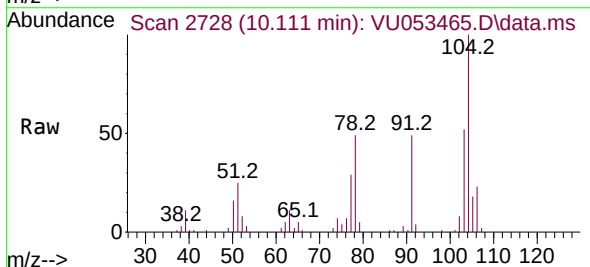
Manual Integrations
APPROVED

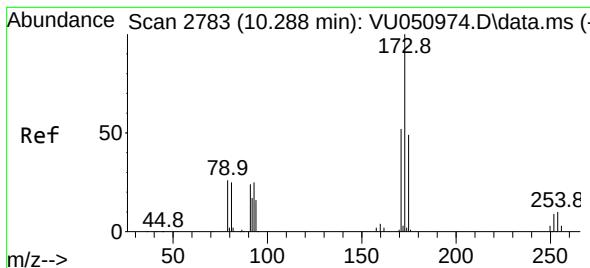
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#66
Styrene
Concen: 1.828 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Tgt Ion:104 Resp: 60623
Ion Ratio Lower Upper
104 100
78 53.8 39.7 59.5
103 56.9 44.8 67.2





#67

Bromoform

Concen: 1.918 ug/l

RT: 10.285 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU053465.D

Acq: 29 Mar 2023 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

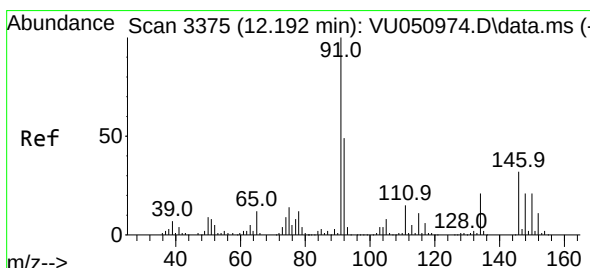
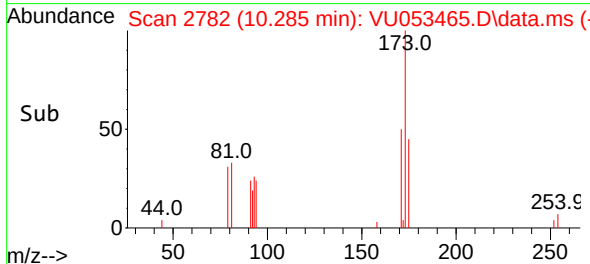
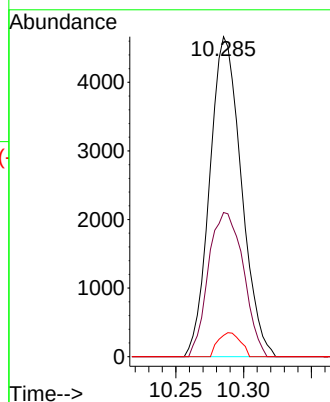
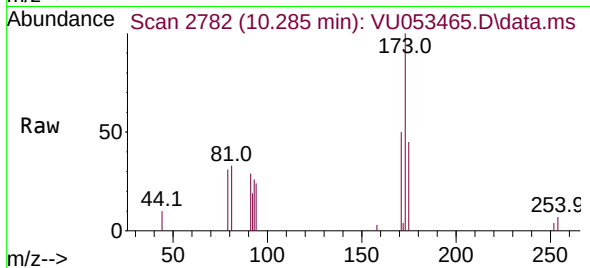
Tgt Ion:173	Resp:	757
Ion Ratio	Lower	Upper
173	100	
175	49.8	39.0 58.6
254	5.3	7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#68

1,2-Dichlorobenzene-d4

Concen: 0.991 ug/l

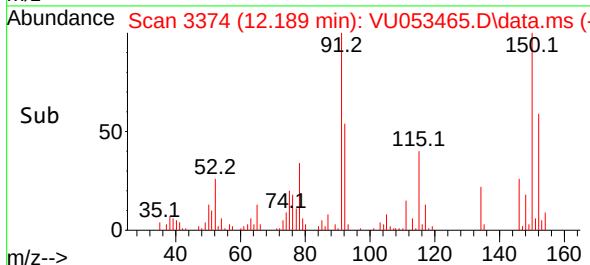
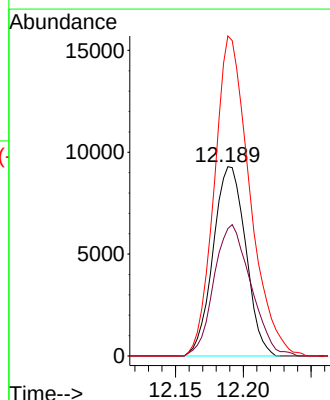
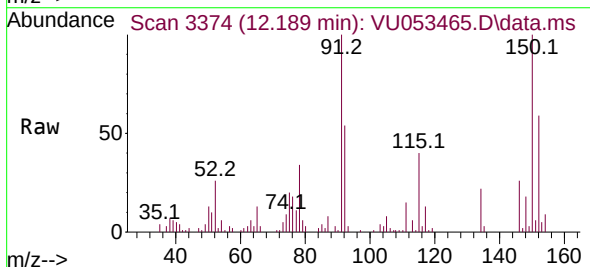
RT: 12.189 min Scan# 3374

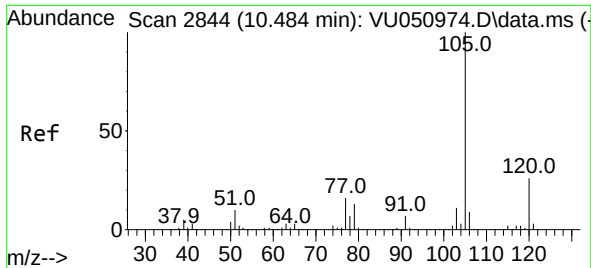
Delta R.T. -0.003 min

Lab File: VU053465.D

Acq: 29 Mar 2023 14:51

Tgt Ion:152	Resp:	15492
Ion Ratio	Lower	Upper
152	100	
115	78.7	0.0 308.8
150	183.5	0.0 635.0





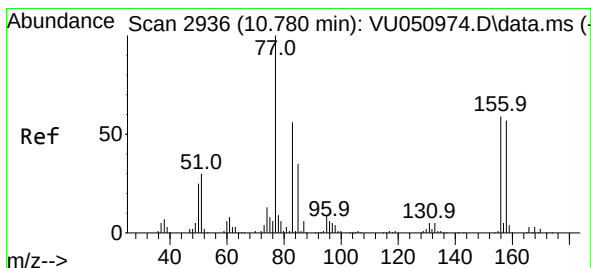
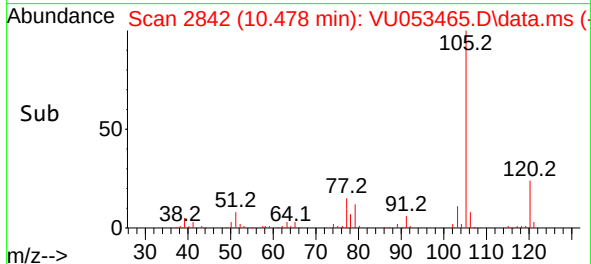
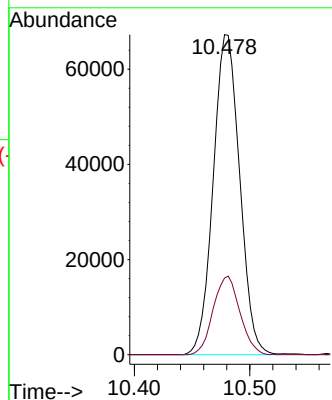
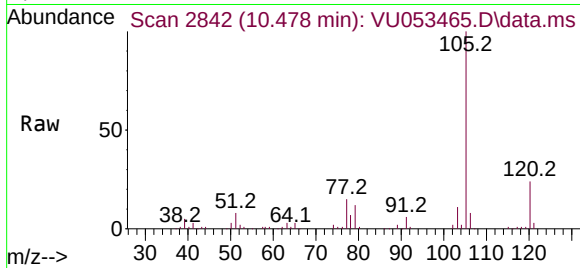
#69
Isopropylbenzene
Concen: 1.895 ug/l
RT: 10.478 min Scan# 2842
Delta R.T. -0.006 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 106998
Ion Ratio Lower Upper
105 100
120 24.7 12.8 38.4

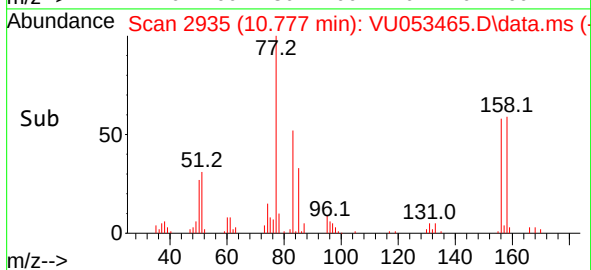
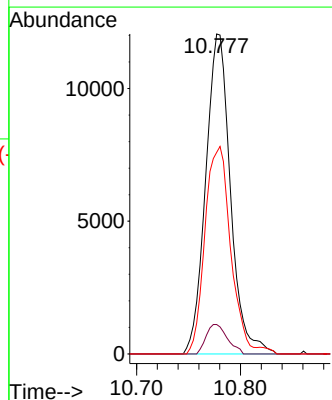
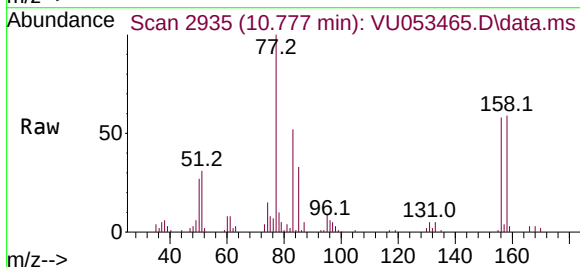
Manual Integrations
APPROVED

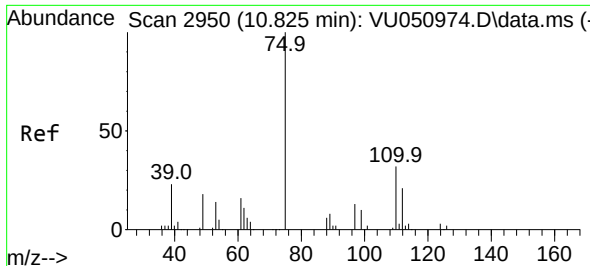
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 1.926 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

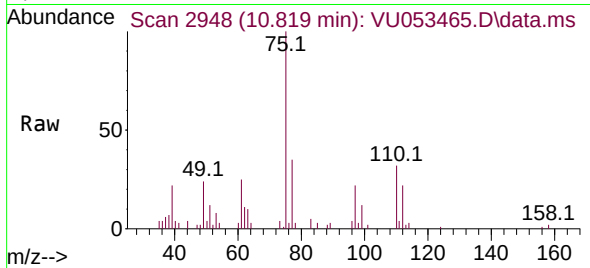
Tgt Ion: 83 Resp: 19983
Ion Ratio Lower Upper
83 100
131 7.9 7.2 10.8
85 67.8 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 1.945 ug/l m
RT: 10.819 min Scan# 2950
Delta R.T. -0.006 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

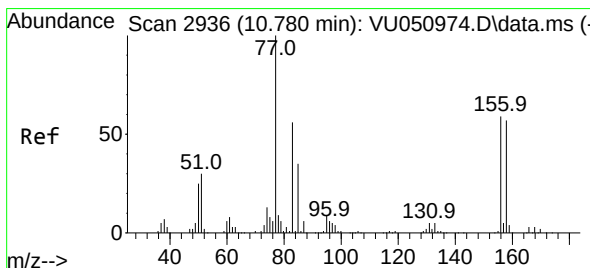
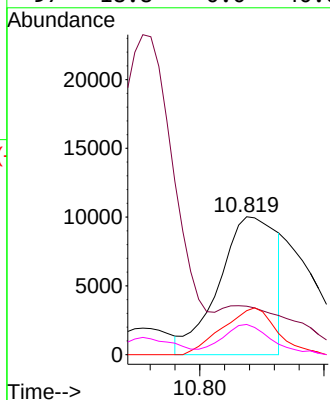
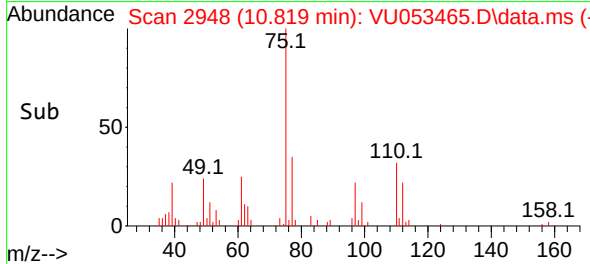


Tgt Ion: 75 Resp: 1607

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	116.4
110	32.3	0.0	74.6
97	18.8	0.0	40.0

Manual Integrations
APPROVED

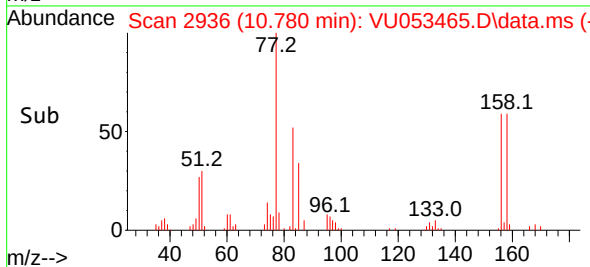
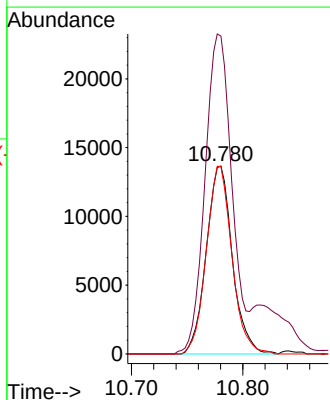
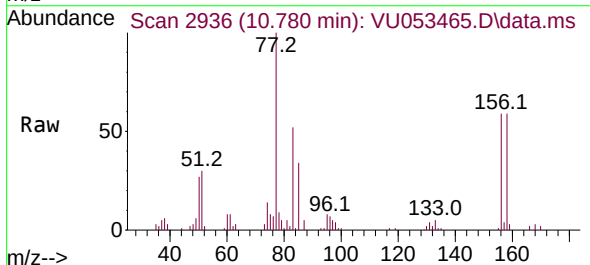
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

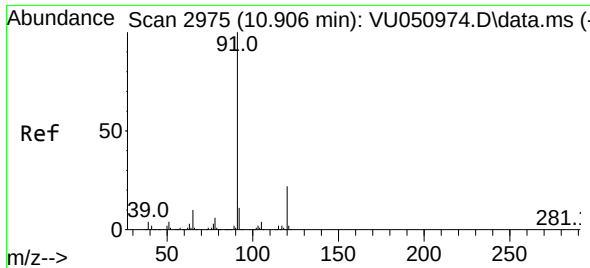


#72
Bromobenzene
Concen: 1.881 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Tgt Ion:156 Resp: 22253

Ion	Ratio	Lower	Upper
156	100		
77	175.7	0.0	343.0
158	98.0	0.0	194.8





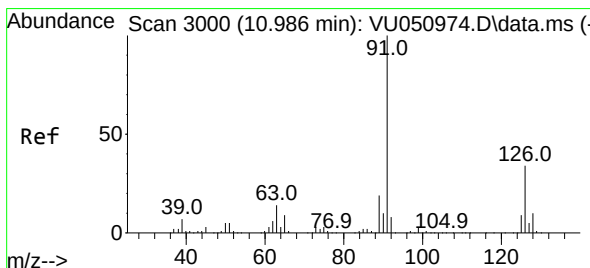
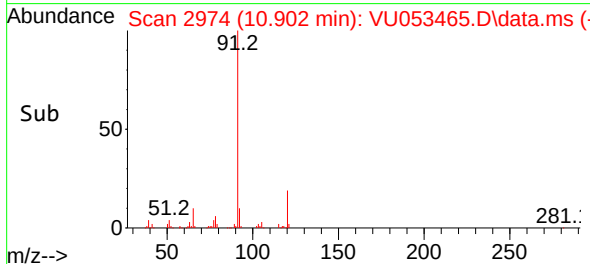
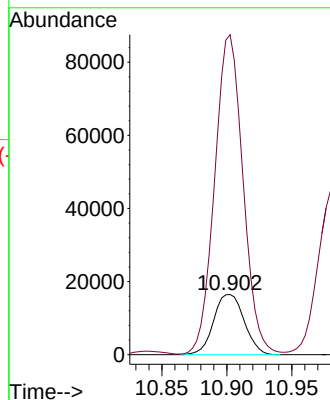
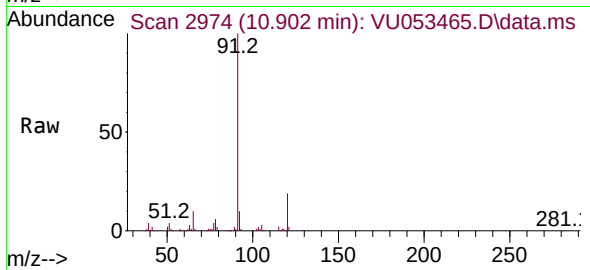
#73
n-propylbenzene
Concen: 1.803 ug/l
RT: 10.902 min Scan# 2975
Delta R.T. -0.004 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:120 Resp: 26898
Ion Ratio Lower Upper
120 100
91 492.7 369.8 554.6

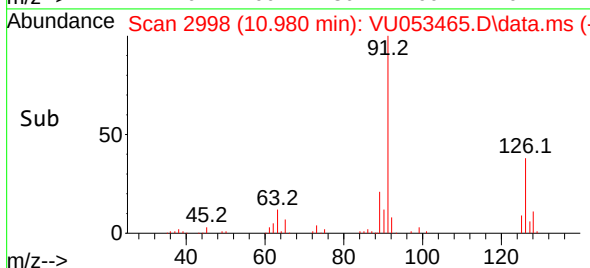
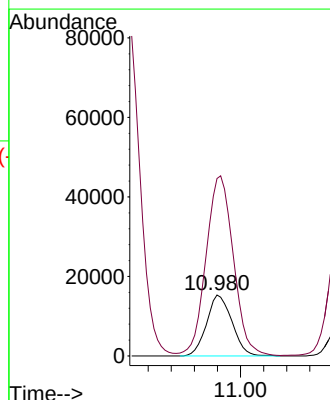
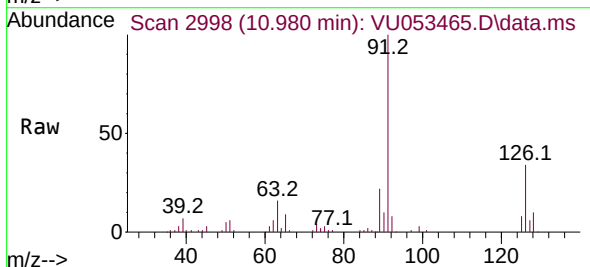
Manual Integrations
APPROVED

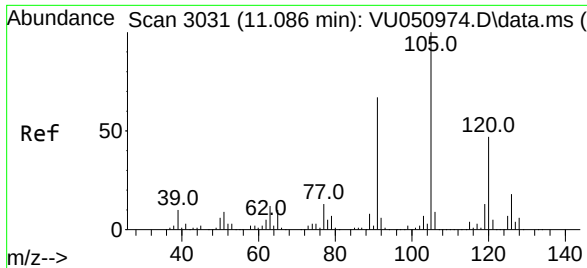
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#74
2-Chlorotoluene
Concen: 1.810 ug/l
RT: 10.980 min Scan# 2998
Delta R.T. -0.006 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

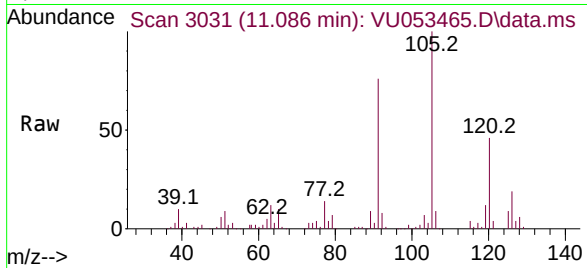
Tgt Ion:126 Resp: 23348
Ion Ratio Lower Upper
126 100
91 317.1 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 1.842 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

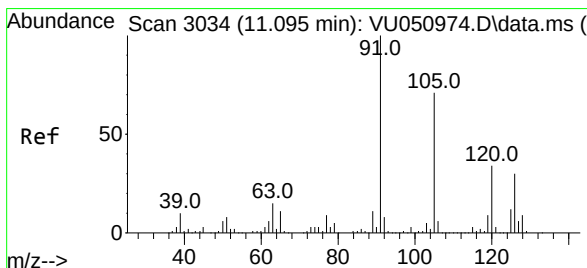
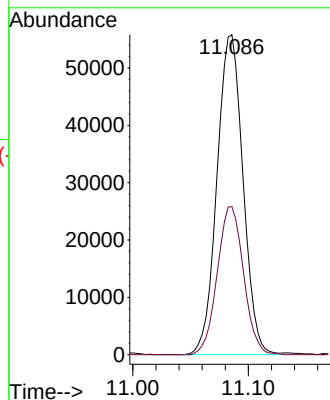
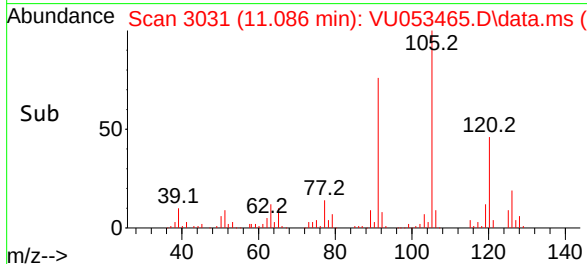
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



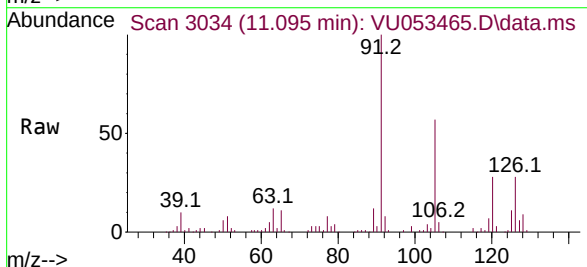
Tgt Ion:105 Resp: 87330
Ion Ratio Lower Upper
105 100
120 46.8 37.8 56.8

Manual Integrations
APPROVED

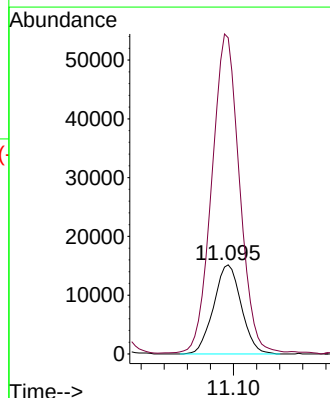
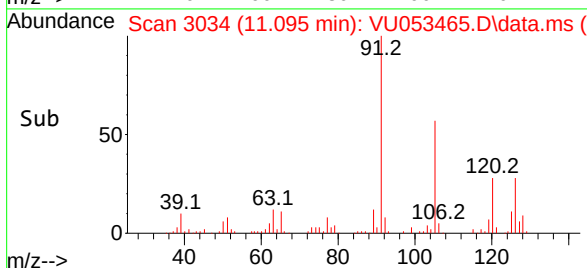
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

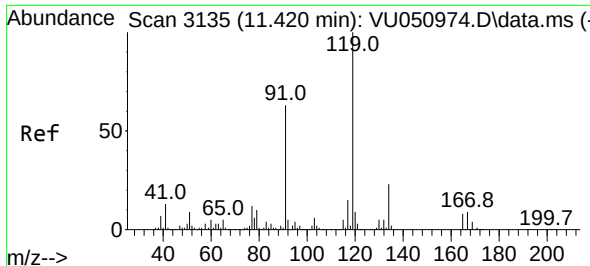


#76
4-Chlorotoluene
Concen: 1.878 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51



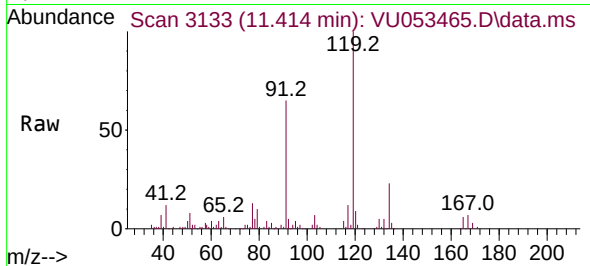
Tgt Ion:126 Resp: 25148
Ion Ratio Lower Upper
126 100
91 358.5 0.0 686.2





#77
tert-Butylbenzene
Concen: 1.849 ug/l
RT: 11.414 min Scan# 3135
Delta R.T. -0.006 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

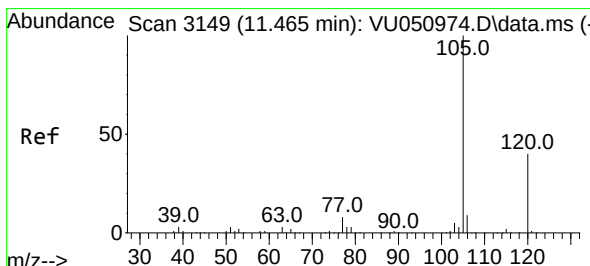
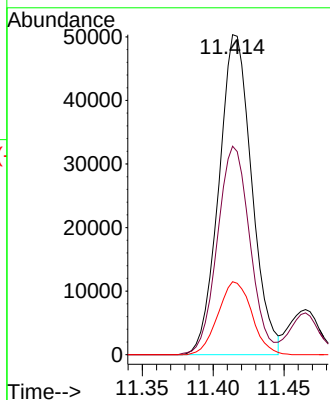
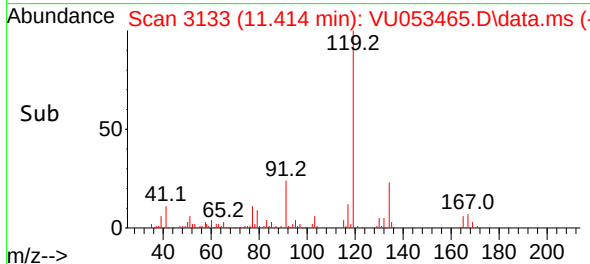
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



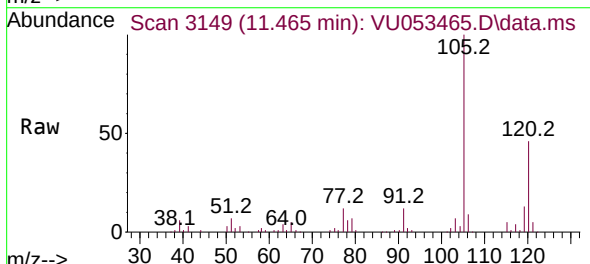
Tgt Ion:119 Resp: 8128
Ion Ratio Lower Upper
119 100
91 64.3 30.8 92.4
134 23.4 18.0 27.0

Manual Integrations
APPROVED

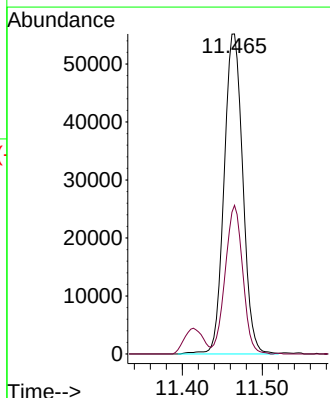
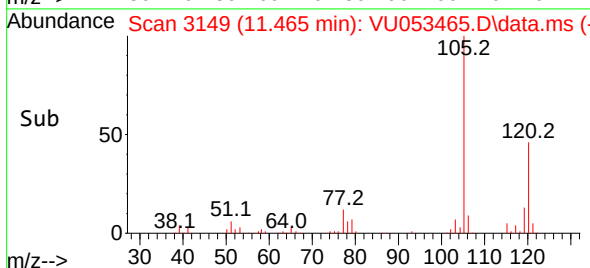
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

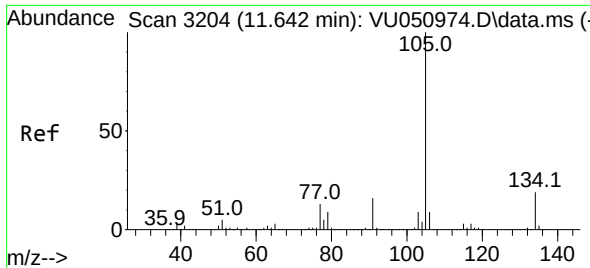


#78
1,2,4-Trimethylbenzene
Concen: 1.852 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51



Tgt Ion:105 Resp: 89457
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.8





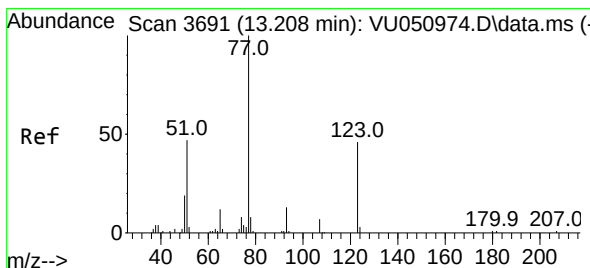
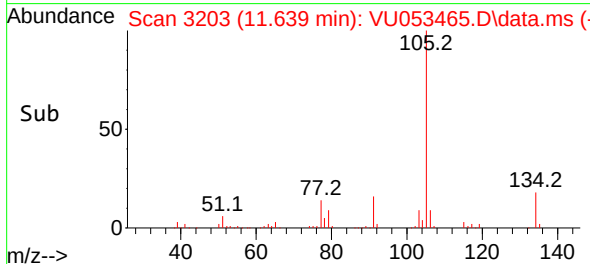
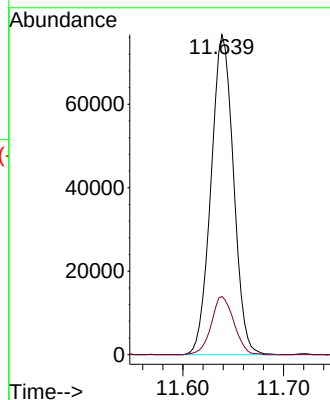
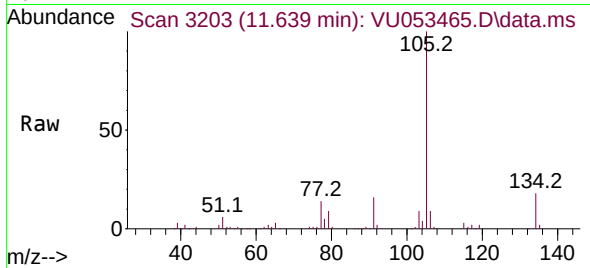
#79
 sec-Butylbenzene
 Concen: 1.884 ug/l
 RT: 11.639 min Scan# 3192
 Delta R.T. -0.003 min
 Lab File: VU053465.D
 Acq: 29 Mar 2023 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion:105 Resp: 11926
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.9 22.3

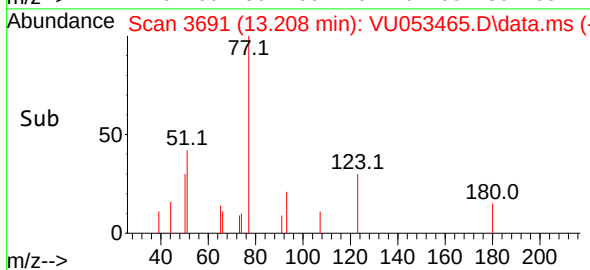
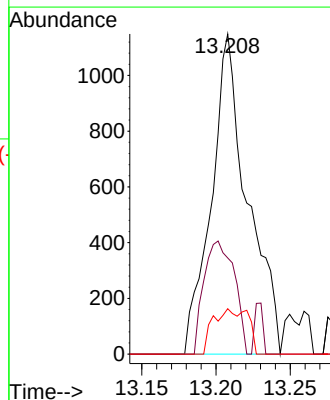
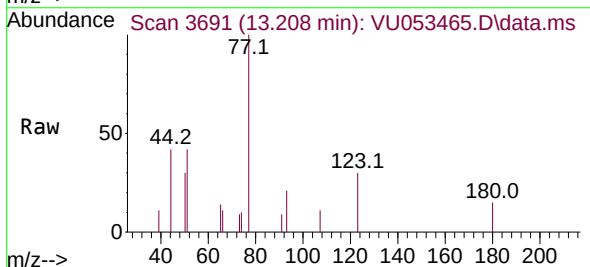
Manual Integrations
 APPROVED

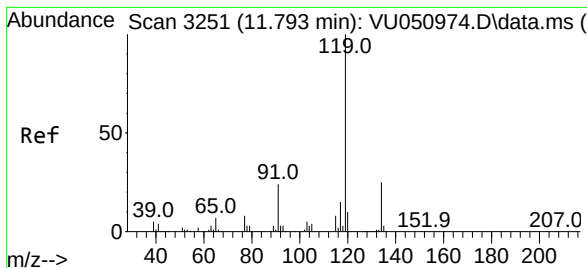
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#80
 Nitrobenzene
 Concen: 7.463 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. -0.000 min
 Lab File: VU053465.D
 Acq: 29 Mar 2023 14:51

Tgt Ion: 77 Resp: 1946
 Ion Ratio Lower Upper
 77 100
 123 29.7 19.7 69.7
 65 9.4 11.5 14.7#





#81

p-Isopropyltoluene

Concen: 1.831 ug/l

RT: 11.790 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU053465.D

Acq: 29 Mar 2023 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

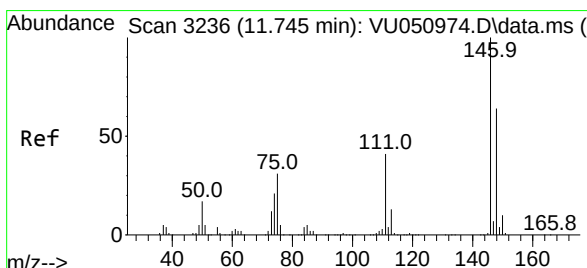
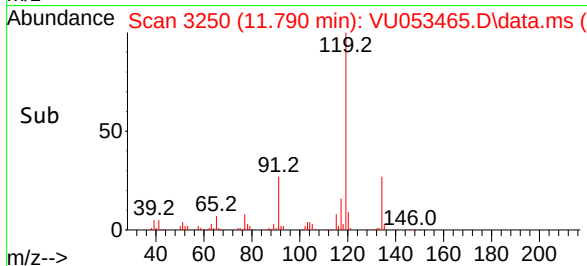
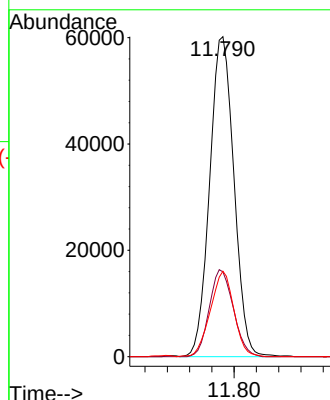
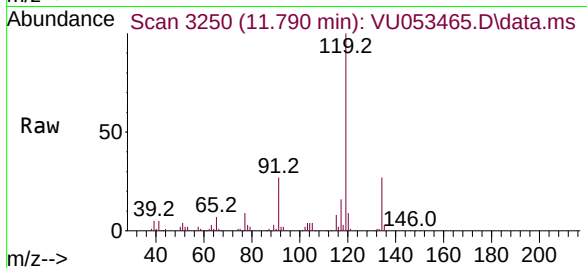
Tgt Ion:119	Resp:	9103
Ion Ratio	Lower	Upper
119	100	
134	26.9	20.2 30.4
91	25.9	19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#82

1,3-Dichlorobenzene

Concen: 1.927 ug/l

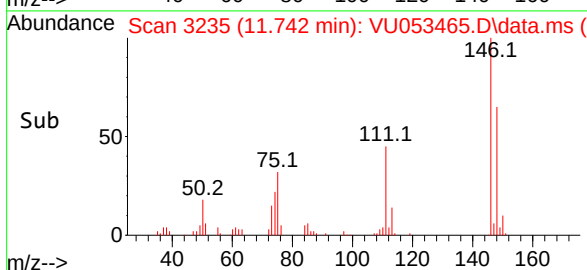
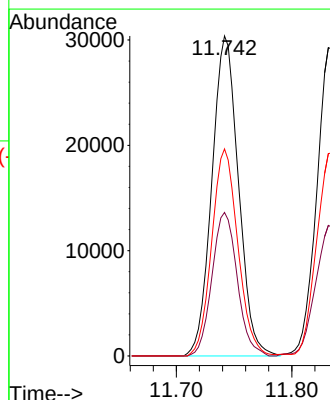
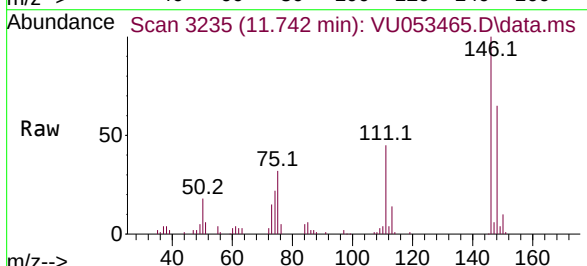
RT: 11.742 min Scan# 3235

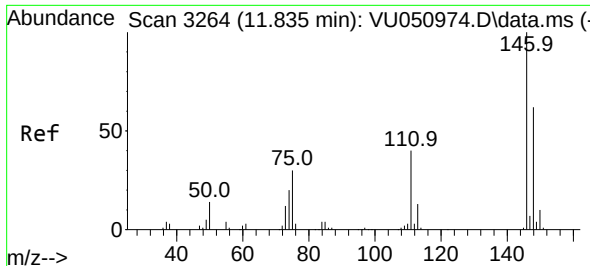
Delta R.T. -0.003 min

Lab File: VU053465.D

Acq: 29 Mar 2023 14:51

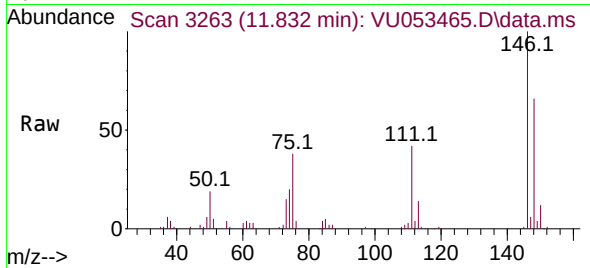
Tgt Ion:146	Resp:	48591
Ion Ratio	Lower	Upper
146	100	
111	42.7	32.6 49.0
148	63.6	51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 1.857 ug/l
RT: 11.832 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

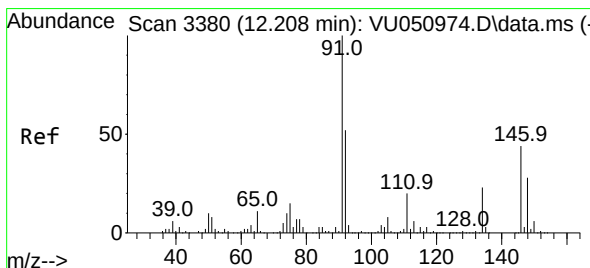
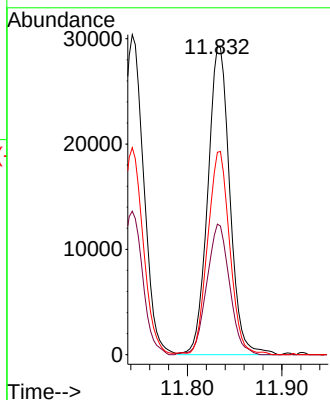
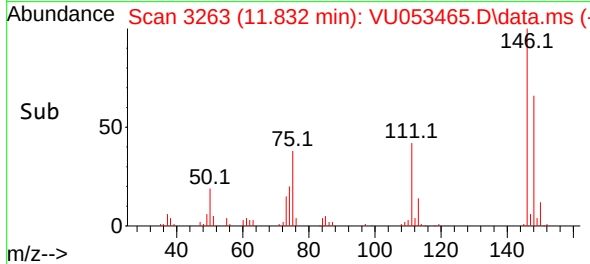
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



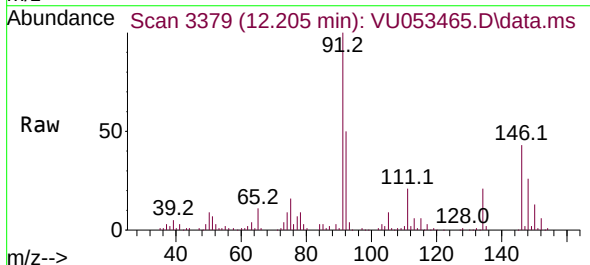
Tgt Ion:146 Resp: 4738
Ion Ratio Lower Upper
146 100
111 43.7 31.6 47.4
148 66.0 50.3 75.5

Manual Integrations
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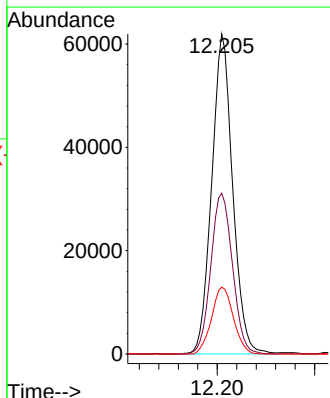
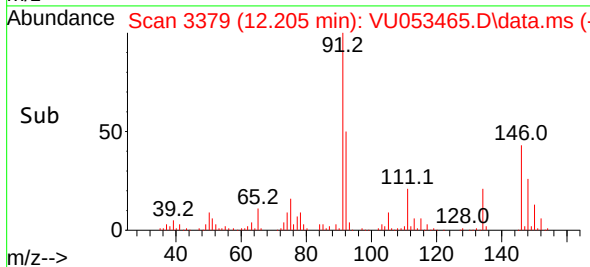
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

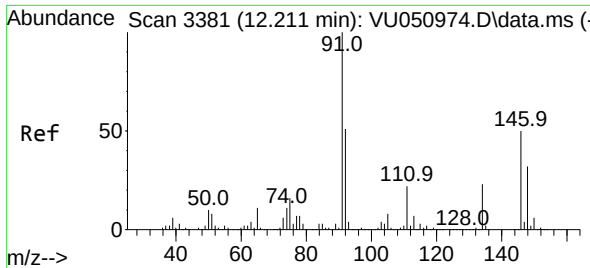


#84
n-Butylbenzene
Concen: 1.880 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51



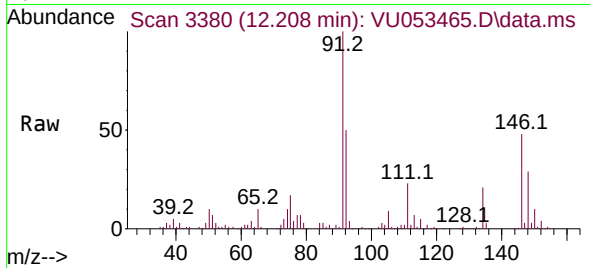
Tgt Ion: 91 Resp: 92374
Ion Ratio Lower Upper
91 100
92 52.0 40.8 61.2
134 21.8 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 1.846 ug/l
RT: 12.208 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

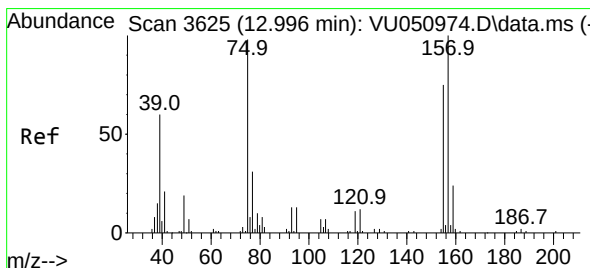
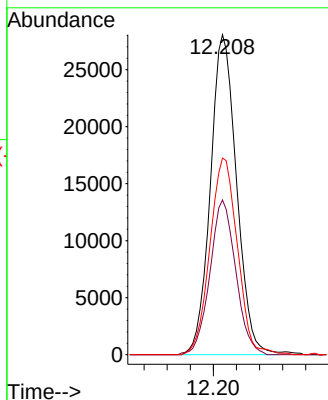
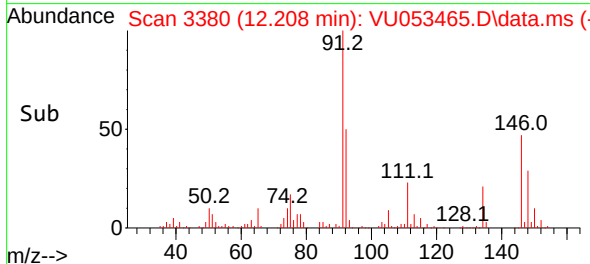
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion:146 Resp: 4410
Ion Ratio Lower Upper
146 100
111 47.7 21.6 64.6
148 64.7 32.1 96.5

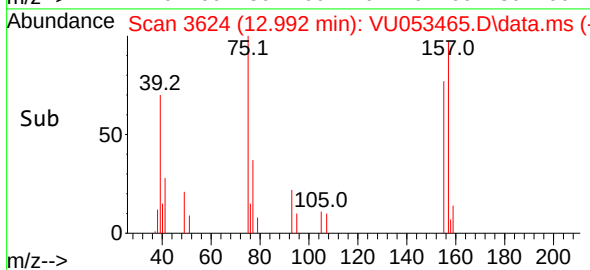
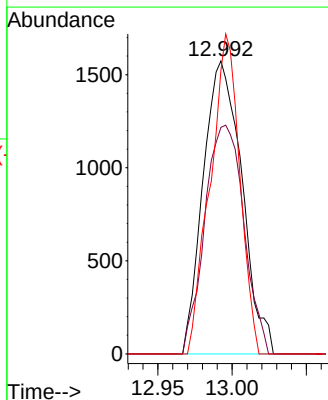
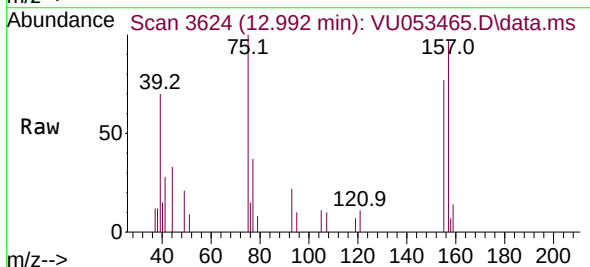
Manual Integrations
APPROVED

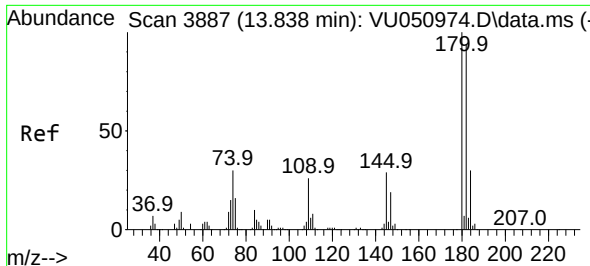
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.806 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Tgt Ion: 75 Resp: 2846
Ion Ratio Lower Upper
75 100
155 78.8 61.8 92.8
157 83.7 80.2 120.4





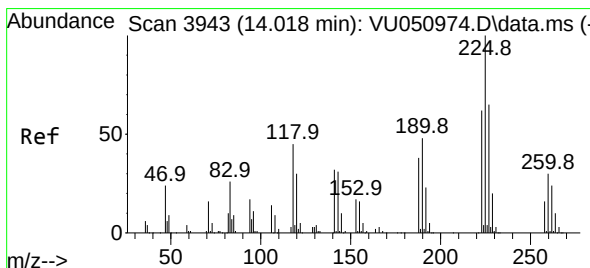
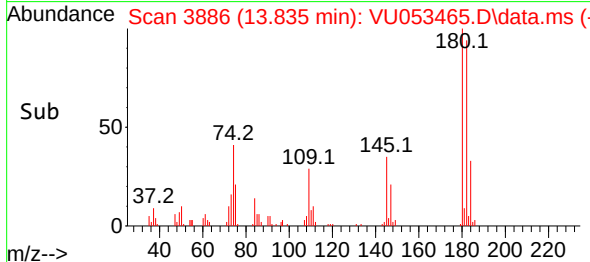
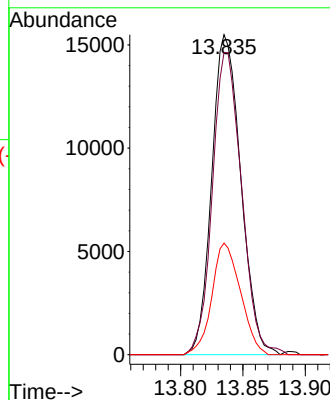
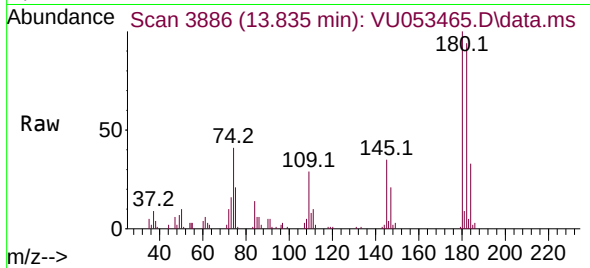
#87
1,2,4-Trichlorobenzene
Concen: 1.805 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. -0.003 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 2515
Ion Ratio Lower Upper
180 100
182 94.7 75.8 113.6
145 34.3 23.9 35.9

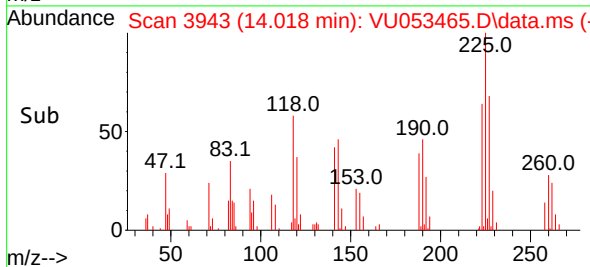
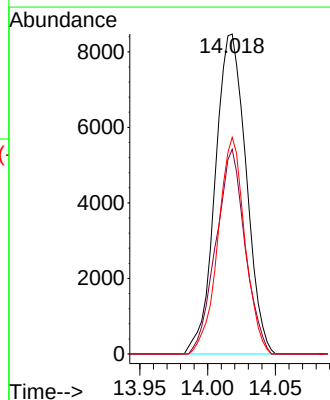
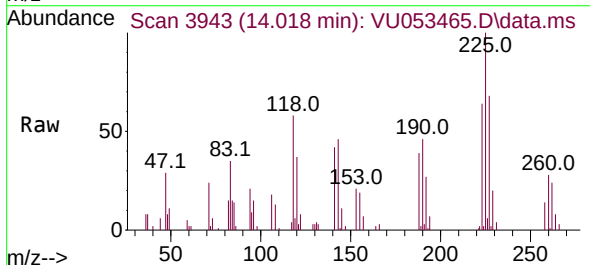
Manual Integrations
APPROVED

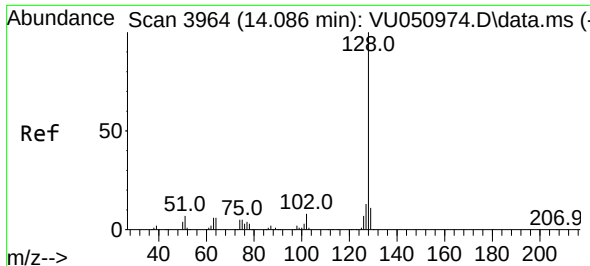
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#88
Hexachlorobutadiene
Concen: 2.013 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. 0.000 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

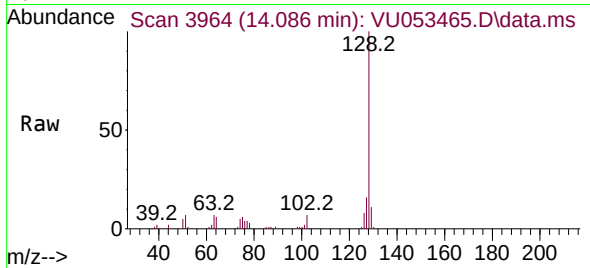
Tgt Ion:225 Resp: 13415
Ion Ratio Lower Upper
225 100
223 60.2 50.2 75.4
227 59.0 51.5 77.3





#89
Naphthalene
Concen: 1.711 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51

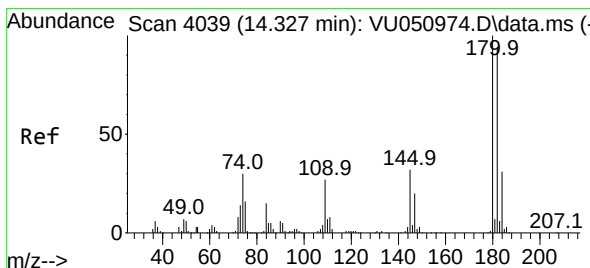
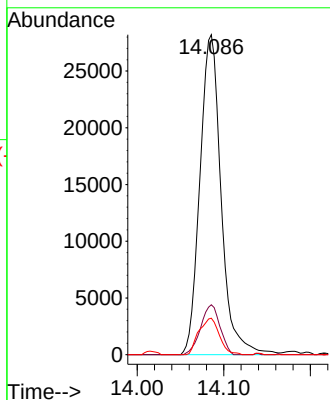
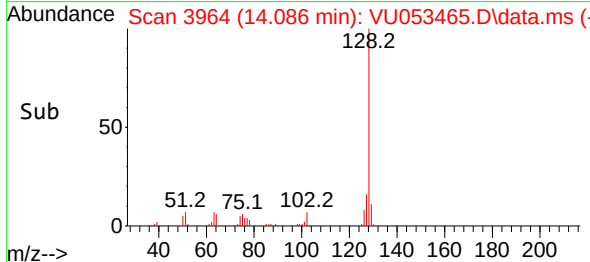
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



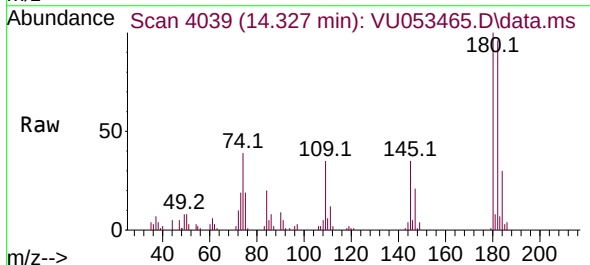
Tgt Ion:128 Resp: 47984
Ion Ratio Lower Upper
128 100
127 14.2 10.9 16.3
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#90
1,2,3-Trichlorobenzene
Concen: 1.849 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU053465.D
Acq: 29 Mar 2023 14:51



Tgt Ion:180 Resp: 22202
Ion Ratio Lower Upper
180 100
182 92.8 75.7 113.5
145 34.7 26.1 39.1

