

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060524\
 Data File : VU059151.D
 Acq On : 05 Jun 2024 14:24
 Operator : MD/SY
 Sample : VSTDICC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024

Quant Time: Jun 06 02:40:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 06 02:35:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	42579	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	13240	0.914	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	14127	0.932	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	12065	0.904	ug/l	94
3) Chloromethane	1.515	50	15134	0.942	ug/l	97
4) Vinyl Chloride	1.599	62	15170	0.935	ug/l	99
5) Bromomethane	1.853	94	10089	1.023	ug/l	98
6) Chloroethane	1.930	64	8822	0.845	ug/l	98
7) Trichlorofluoromethane	2.133	101	17008	0.845	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	9328	0.901	ug/l	96
9) 1,1-Dichloroethene	2.576	96	9086	0.886	ug/l	97
10) Iodomethane	2.718	142	10082	0.784	ug/l	97
11) Allyl Chloride	2.917	41	12396	0.894	ug/l	98
12) Acrylonitrile	3.335	53	4457m	1.924	ug/l	
13) Acetone	2.641	43	12635m	3.565	ug/l	
14) Carbon Disulfide	2.789	76	29443	0.901	ug/l	99
15) Methylene Chloride	3.039	84	13809	0.982	ug/l	99
16) trans-1,2-Dichloroethene	3.348	96	9797	0.875	ug/l	97
17) 1,1-Dichloroethane	3.862	63	21105	0.901	ug/l	97
18) 2-Butanone	4.727	43	14949m	3.820	ug/l	
19) Cyclohexane	5.383	56	13906m	0.820	ug/l	
20) Methylcyclohexane	6.756	83	14310	0.840	ug/l	97
21) 2,2-Dichloropropane	4.657	77	15327	0.884	ug/l	94
22) cis-1,2-Dichloroethene	4.660	96	11104	0.913	ug/l	96
23) Diethyl Ether	2.371	59	8231	0.856	ug/l	96
24) tert-Butyl Alcohol	3.216	59	5826m	9.063	ug/l	
25) Methyl tert-Butyl Ether	3.354	73	21609	0.879	ug/l	98
26) Bromochloromethane	4.969	128	4600	0.896	ug/l	98
27) Chloroform	5.084	83	21333	0.906	ug/l	91
28) 1,1,1-Trichloroethane	5.313	97	16216	0.873	ug/l	97
29) 1,1-Dichloropropene	5.525	75	13874	0.891	ug/l	97
30) Carbon Tetrachloride	5.518	117	13621	0.894	ug/l	92
31) Isopropyl Ether	3.985	45	26519	0.863	ug/l	93
32) Ethyl-t-butyl ether	4.489	59	24319	0.851	ug/l	96
33) Tert-Amyl methyl ether	5.933	73	21003	0.832	ug/l	99
34) Propionitrile	4.824	54	3932m	4.430	ug/l	
35) Benzene	5.772	78	43500	0.889	ug/l	100
36) 1,2-Dichloroethane	5.792	62	13140	0.905	ug/l	99
37) Trichloroethene	6.538	130	10422	0.892	ug/l	99
38) 1,2-Dichloropropane	6.785	63	12825	0.923	ug/l	100
39) Methacrylonitrile	4.988	41	2885	0.864	ug/l #	83
40) Methyl acrylate	4.872	55	5763m	0.986	ug/l	
41) Tetrahydrofuran	5.078	42	3241	1.801	ug/l #	70
42) 1-Chlorobutane	5.454	56	18100	0.841	ug/l	92
43) Dibromomethane	6.917	93	5292	0.841	ug/l	91
44) Bromodichloromethane	7.100	83	14111	0.865	ug/l #	99

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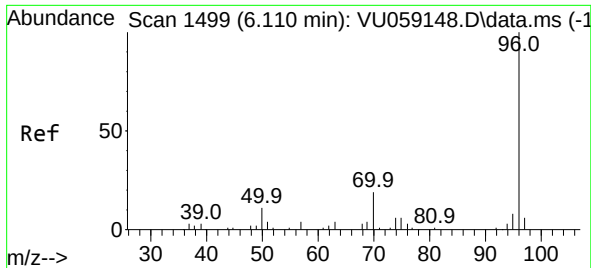
Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024

Quant Time: Jun 06 02:40:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
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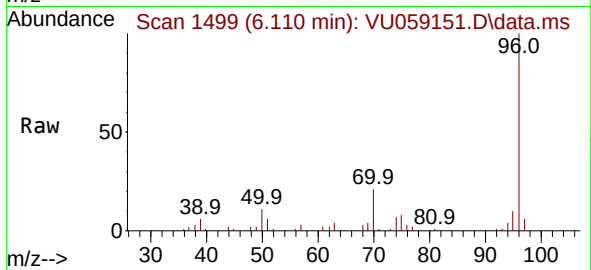
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	28055	4.158	ug/l	94
46) t-1,4-Dichloro-2-butene	10.830	75	4758m	1.641	ug/l	
47) Methyl methacrylate	6.962	69	8519	1.576	ug/l	95
48) Ethyl methacrylate	8.332	69	7445	0.780	ug/l	100
49) Toluene	7.968	92	22173	0.823	ug/l	94
50) t-1,3-Dichloropropene	8.210	75	11887	0.852	ug/l	100
51) cis-1,3-Dichloropropene	7.605	75	14167	0.829	ug/l	97
52) 1,1,2-Trichloroethane	8.396	97	7931	0.853	ug/l	94
53) 1,3-Dichloropropane	8.570	76	14097	0.880	ug/l	96
54) 2-Hexanone	8.689	43	18718	4.930	ug/l	95
55) Dibromochloromethane	8.808	129	8733	0.868	ug/l	99
56) 1,2-Dibromoethane	8.920	107	7353	0.902	ug/l	93
58) Tetrachloroethene	8.547	164	10062	0.934	ug/l	96
59) Chlorobenzene	9.444	112	25173	0.853	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.528	131	8881	0.841	ug/l	97
61) Pentachloroethane	11.422	117	6918	0.844	ug/l	99
62) Hexachloroethane	12.470	117	6536	0.785	ug/l	95
63) Ethyl Benzene	9.566	91	39620	0.793	ug/l	99
64) m/p-Xylenes	9.692	106	29231	1.556	ug/l	99
65) o-Xylene	10.097	106	14773	0.798	ug/l	99
66) Styrene	10.113	104	22186	0.995	ug/l	97
67) Bromoform	10.290	173	4630	0.850	ug/l	95
69) Isopropylbenzene	10.480	105	37118	0.782	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.779	83	10692	0.915	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	7383m	0.849	ug/l	
72) Bromobenzene	10.779	156	9926	0.873	ug/l	78
73) n-propylbenzene	10.904	120	9704	0.986	ug/l	89
74) 2-Chlorotoluene	10.984	126	9669	0.834	ug/l	92
75) 1,3,5-Trimethylbenzene	11.084	105	30210	0.996	ug/l	99
76) 4-Chlorotoluene	11.094	126	9558	0.788	ug/l	98
77) tert-Butylbenzene	11.415	119	30291	0.795	ug/l	100
78) 1,2,4-Trimethylbenzene	11.467	105	30222	0.997	ug/l	98
79) sec-Butylbenzene	11.640	105	40186	0.977	ug/l	96
80) Nitrobenzene	13.232	77	797m	5.184	ug/l	
81) p-Isopropyltoluene	11.788	119	29040	0.991	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	20906	0.867	ug/l	99
83) 1,4-Dichlorobenzene	11.836	146	20104	0.834	ug/l	96
84) n-Butylbenzene	12.206	91	27364	1.007	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	19321	0.849	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.000	75	1274	0.801	ug/l #	77
87) 1,2,4-Trichlorobenzene	13.840	180	10286	0.845	ug/l	97
88) Hexachlorobutadiene	14.016	225	6136	0.807	ug/l	89
89) Naphthalene	14.087	128	20447	1.063	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	9521	0.860	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

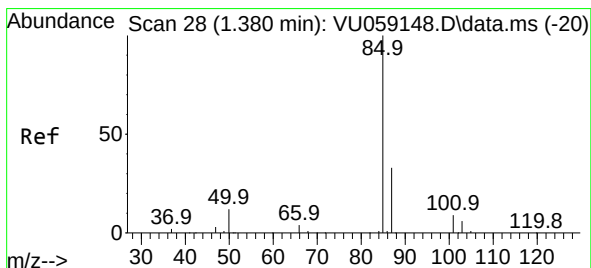
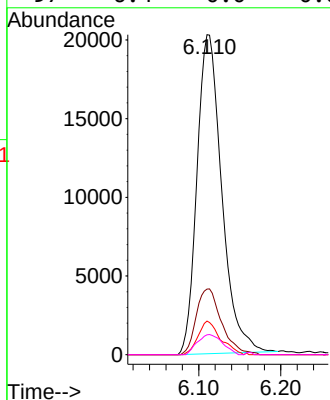
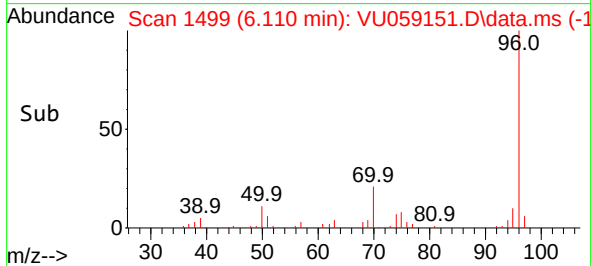
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion	Ratio	Lower	Upper
96	100		
70	21.0	16.6	24.8
95	9.5	7.1	10.7
97	6.4	0.0	0.0

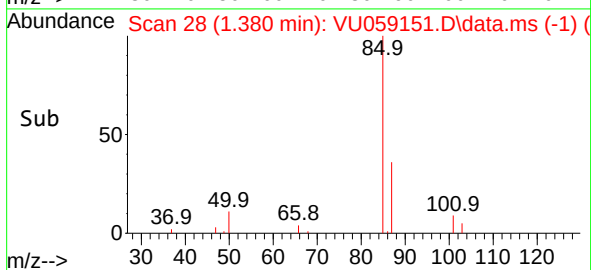
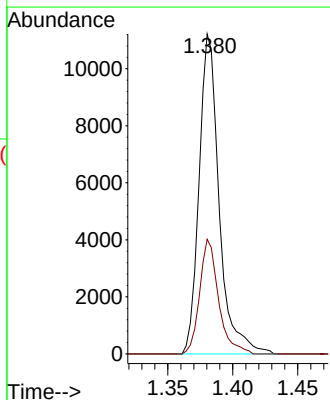
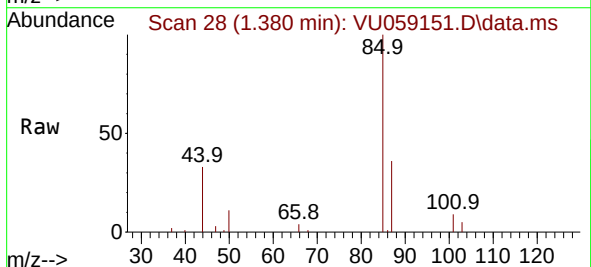
Manual Integrations
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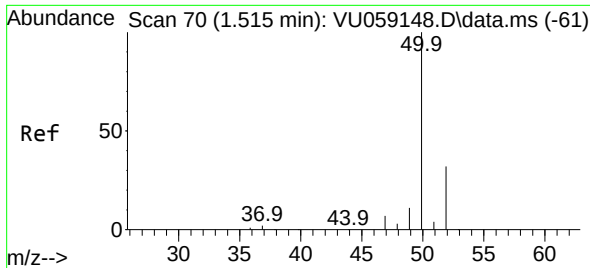
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#2
Dichlorodifluoromethane
Concen: 0.904 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Tgt Ion	Ratio	Lower	Upper
85	100		
87	35.8	16.3	48.9





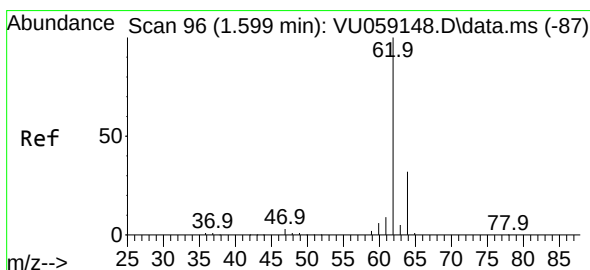
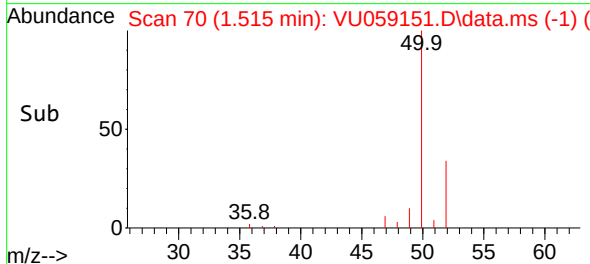
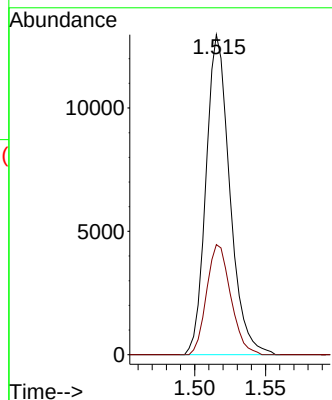
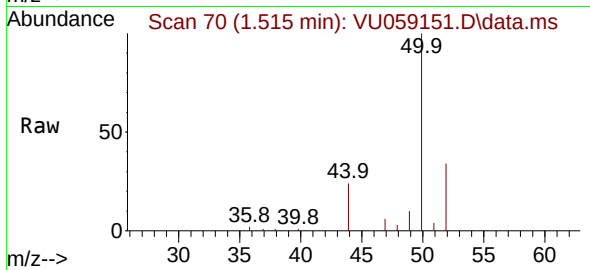
#3
Chloromethane
Concen: 0.942 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 15134
Ion Ratio Lower Upper
50 100
52 34.4 26.0 39.0

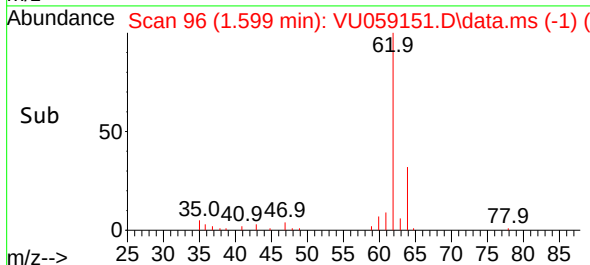
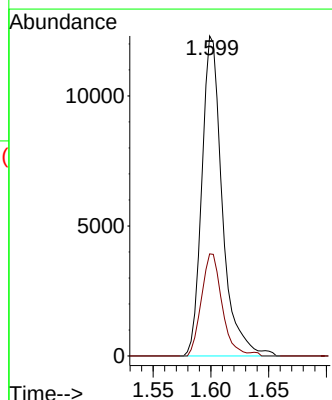
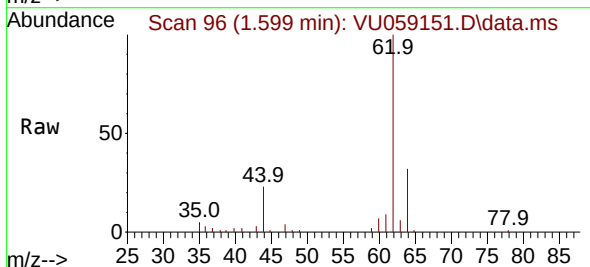
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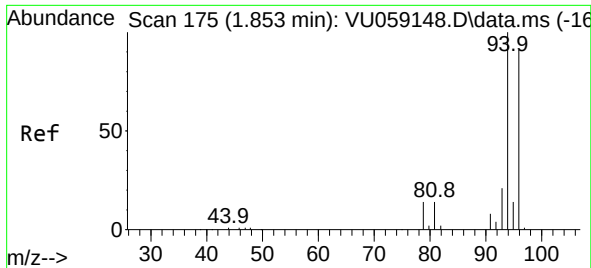
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#4
Vinyl Chloride
Concen: 0.935 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

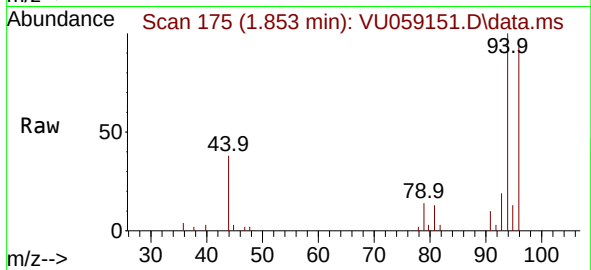
Tgt Ion: 62 Resp: 15170
Ion Ratio Lower Upper
62 100
64 31.9 25.2 37.8





#5
Bromomethane
Concen: 1.023 ug/l
RT: 1.853 min Scan# 175
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

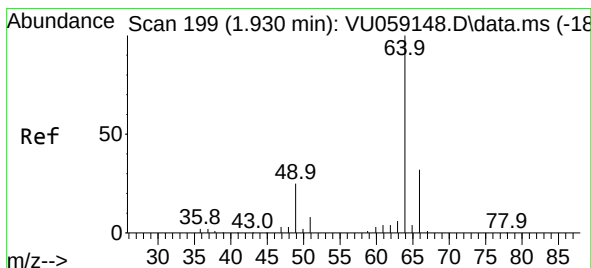
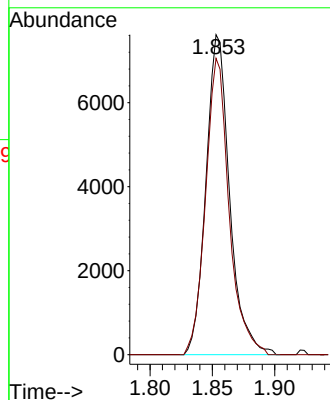
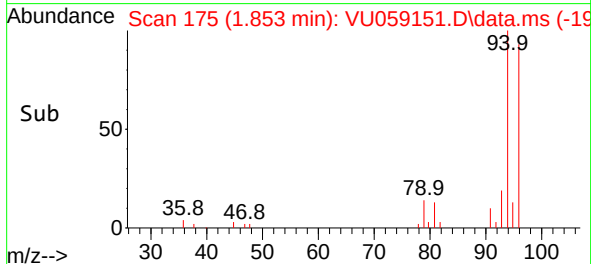
Instrument :
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VSTDIC001



Tgt Ion: 94 Resp: 10089
Ion Ratio Lower Upper
94 100
96 92.6 72.7 109.1

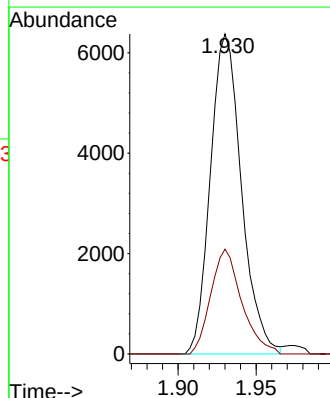
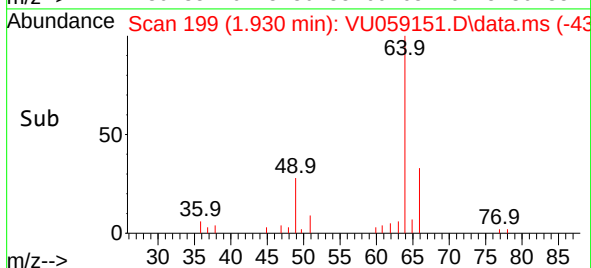
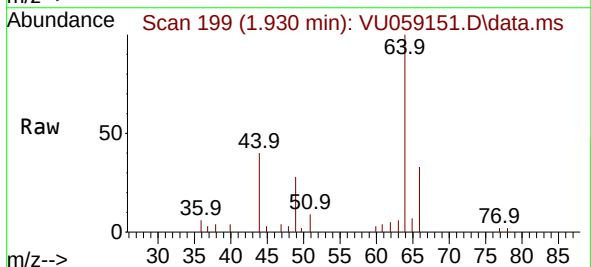
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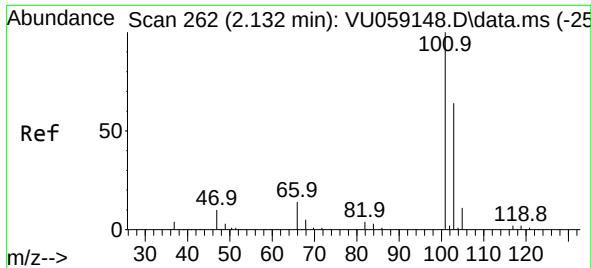
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#6
Chloroethane
Concen: 0.845 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

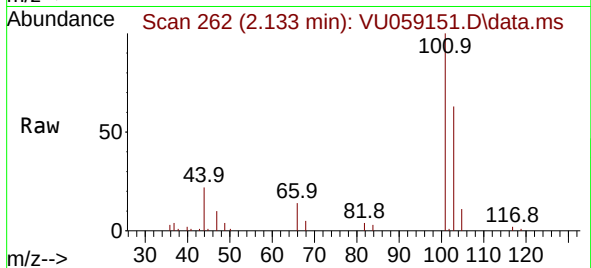
Tgt Ion: 64 Resp: 8822
Ion Ratio Lower Upper
64 100
66 32.8 25.5 38.3





#7
Trichlorofluoromethane
Concen: 0.845 ug/l
RT: 2.133 min Scan# 210
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

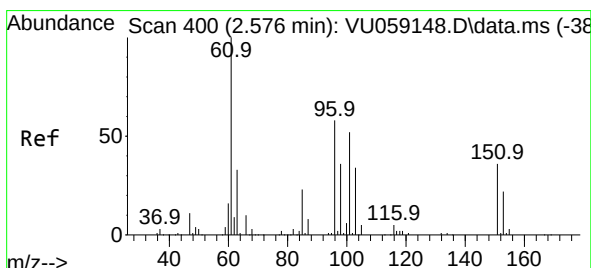
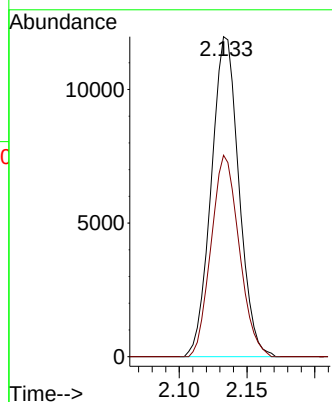
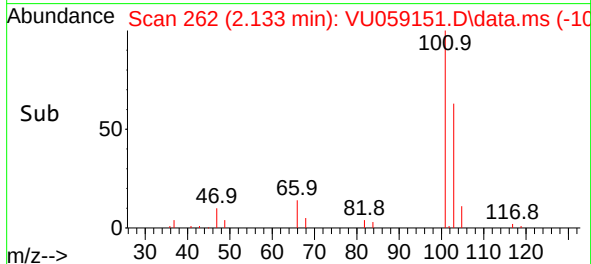
Instrument :
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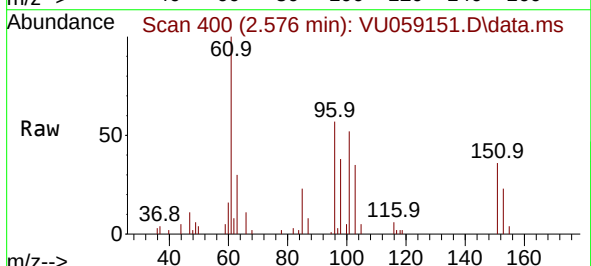
Tgt Ion:101 Resp: 17008
Ion Ratio Lower Upper
101 100
103 62.9 51.1 76.7

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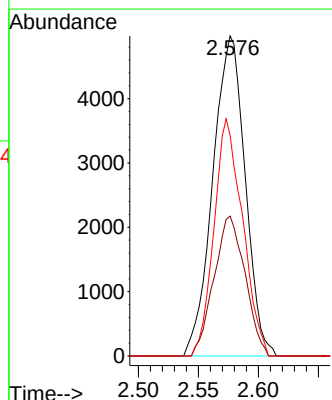
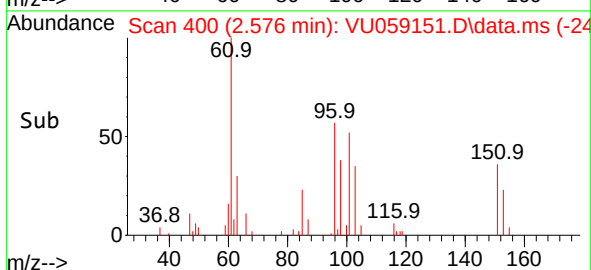
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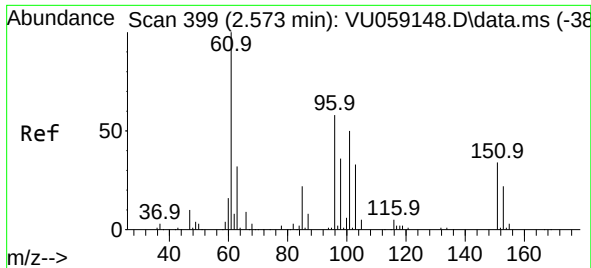


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.901 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24



Tgt Ion:101 Resp: 9328
Ion Ratio Lower Upper
101 100
85 42.0 36.1 54.1
151 65.4 55.0 82.6





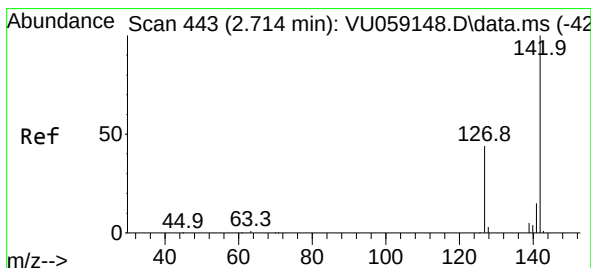
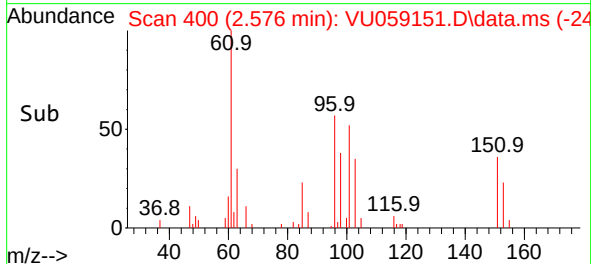
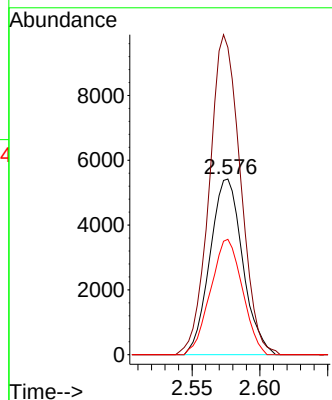
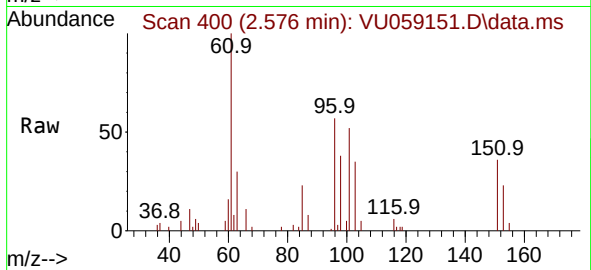
#9
1,1-Dichloroethene
Concen: 0.886 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 908
Ion Ratio Lower Upper
96 100
61 174.8 0.0 515.4
98 65.7 0.0 124.4

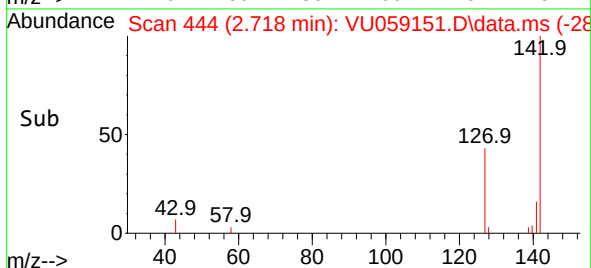
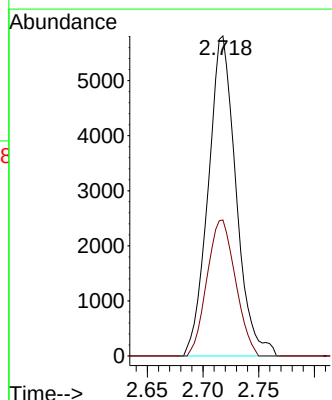
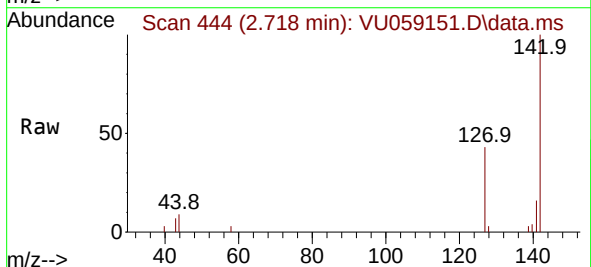
Manual Integrations
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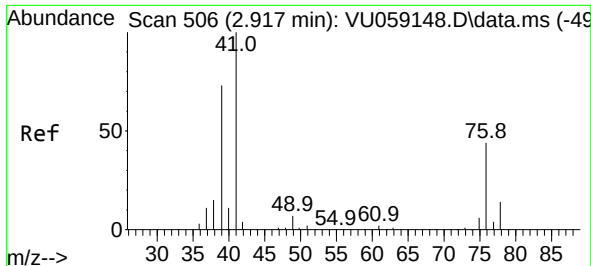
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#10
Iodomethane
Concen: 0.784 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Tgt Ion:142 Resp: 10082
Ion Ratio Lower Upper
142 100
127 43.5 36.2 54.4





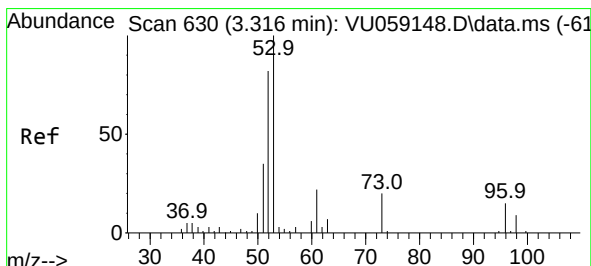
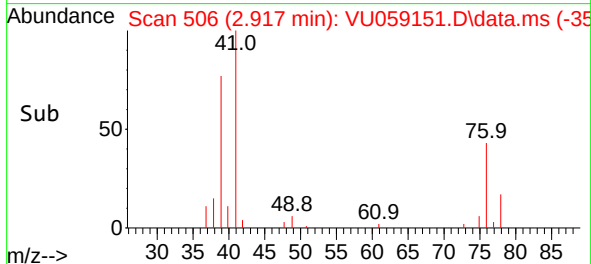
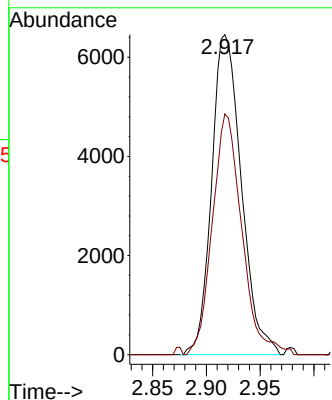
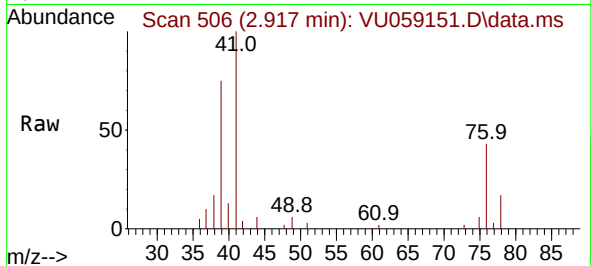
#11
 Allyl Chloride
 Concen: 0.894 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. 0.000 min
 Lab File: VU059151.D
 Acq: 05 Jun 2024 14:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion: 41 Resp: 12390
 Ion Ratio Lower Upper
 41 100
 39 74.7 58.1 87.1

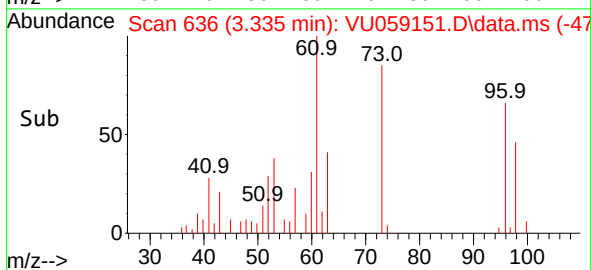
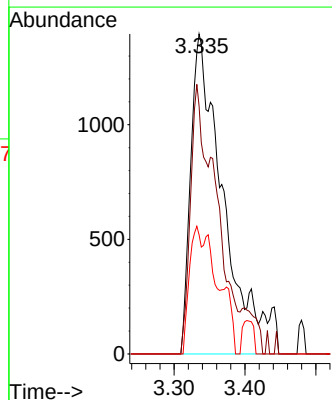
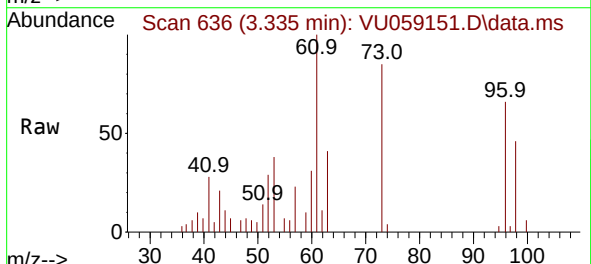
Manual Integrations
 APPROVED

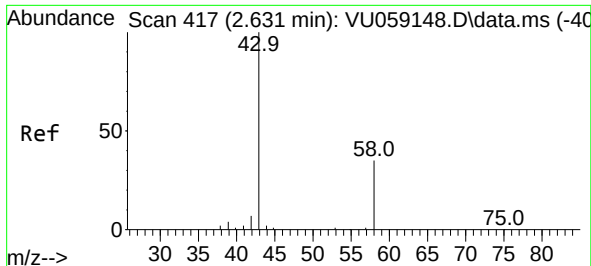
Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024



#12
 Acrylonitrile
 Concen: 1.924 ug/l m
 RT: 3.335 min Scan# 636
 Delta R.T. 0.020 min
 Lab File: VU059151.D
 Acq: 05 Jun 2024 14:24

Tgt Ion: 53 Resp: 4457
 Ion Ratio Lower Upper
 53 100
 52 38.6 64.2 96.4#
 51 14.5 33.0 49.4#





#13

Acetone

Concen: 3.565 ug/l m

RT: 2.641 min Scan# 417

Delta R.T. 0.010 min

Lab File: VU059151.D

Acq: 05 Jun 2024 14:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 1263

Ion Ratio Lower Upper

43 100

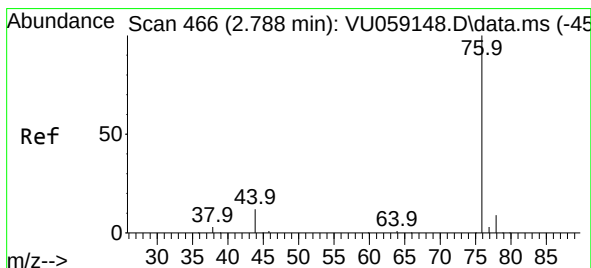
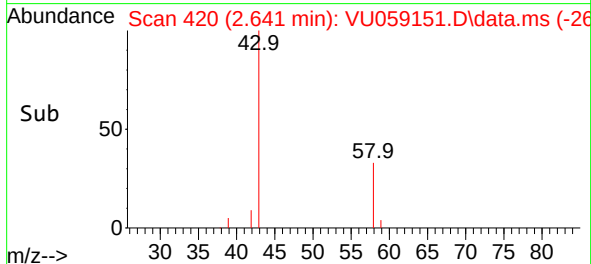
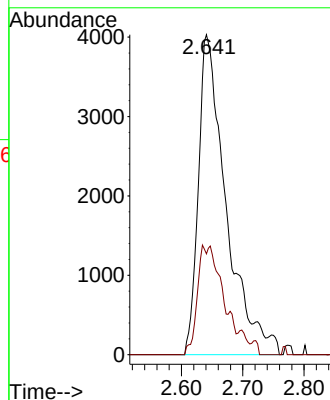
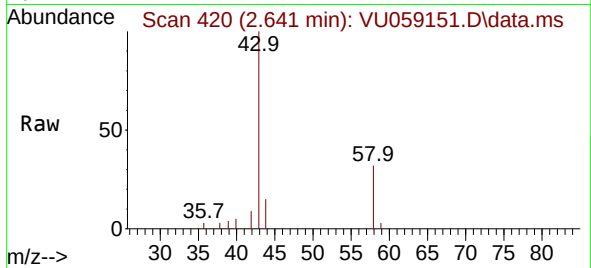
58 31.5 27.9 41.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#14

Carbon Disulfide

Concen: 0.901 ug/l

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU059151.D

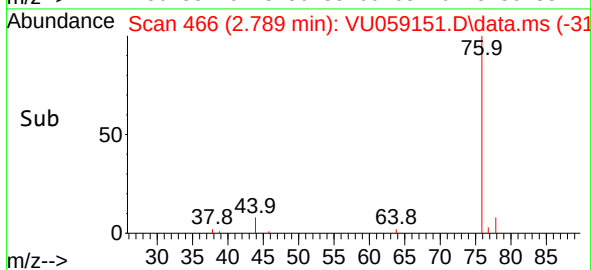
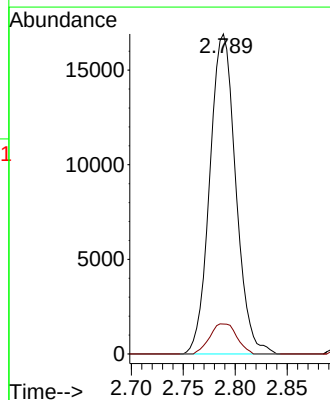
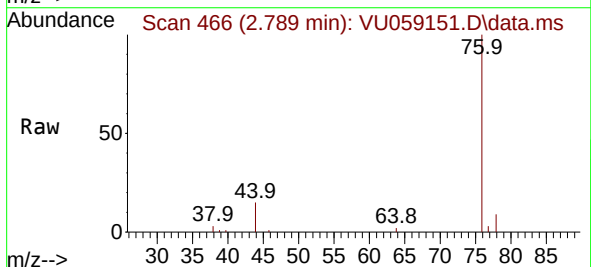
Acq: 05 Jun 2024 14:24

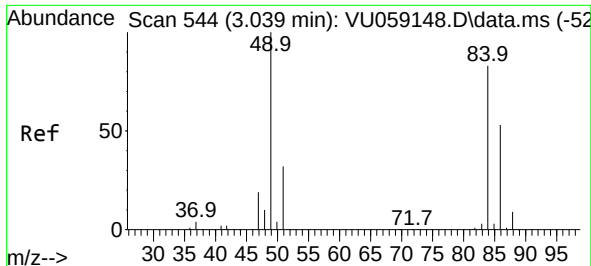
Tgt Ion: 76 Resp: 29443

Ion Ratio Lower Upper

76 100

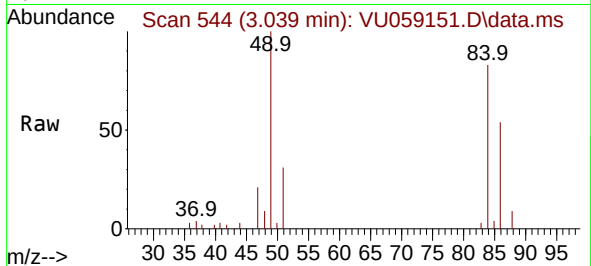
78 9.4 7.3 10.9





#15
Methylene Chloride
Concen: 0.982 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

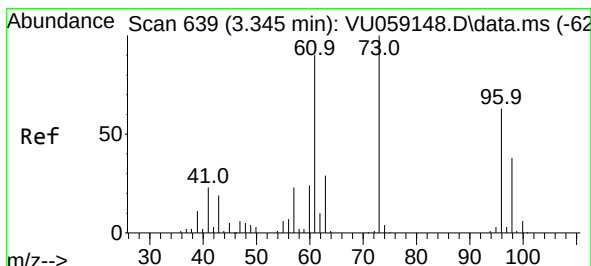
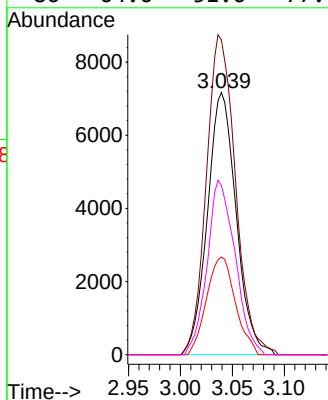
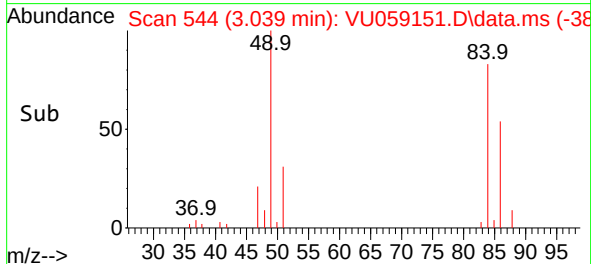
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:	84	Resp:	1380
Ion	Ratio	Lower	Upper
84	100		
49	120.0	96.7	145.1
51	37.2	0.0	76.8
86	64.6	51.6	77.4

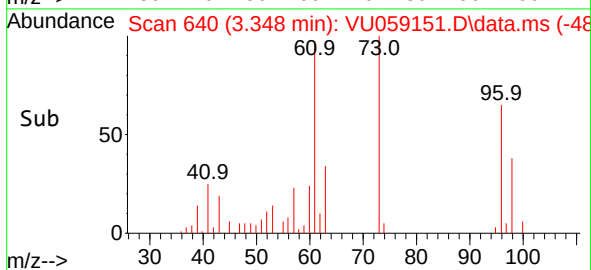
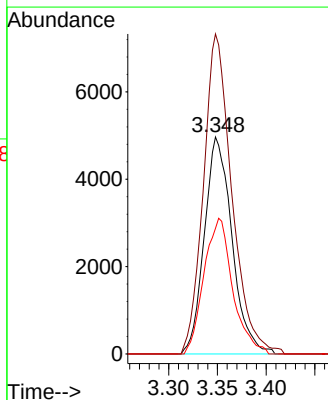
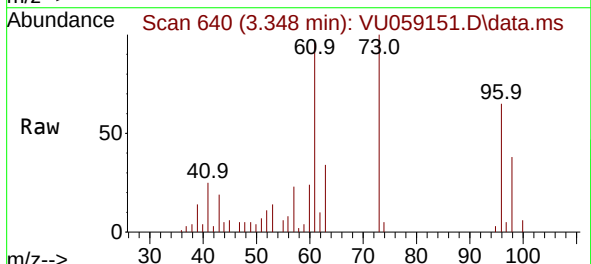
Manual Integrations
APPROVED

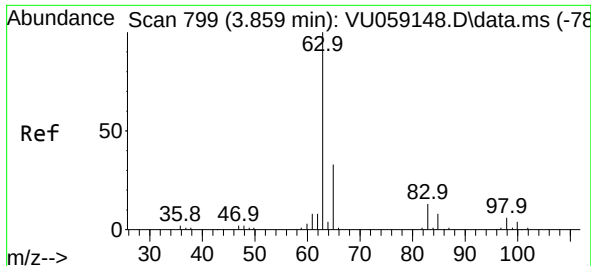
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#16
trans-1,2-Dichloroethene
Concen: 0.875 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Tgt Ion:	96	Resp:	9797
Ion	Ratio	Lower	Upper
96	100		
61	147.5	114.8	172.2
98	57.9	48.8	73.2





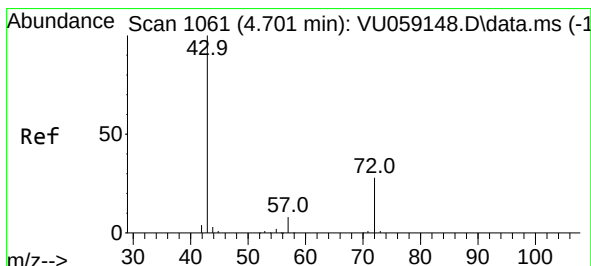
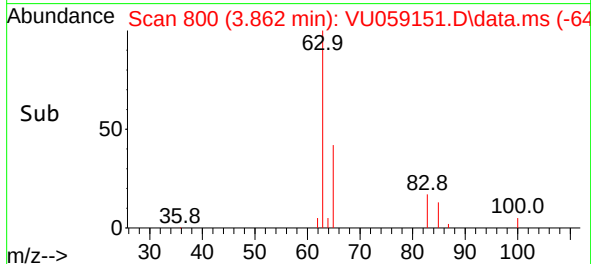
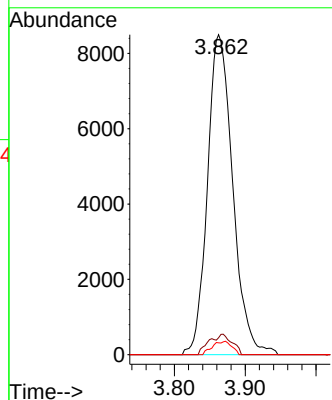
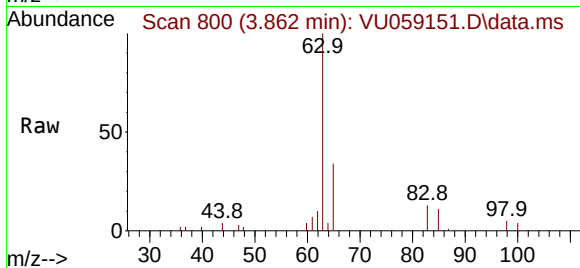
#17
1,1-Dichloroethane
Concen: 0.901 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 2110
Ion Ratio Lower Upper
63 100
98 5.3 3.2 9.6
100 3.7 2.1 6.5

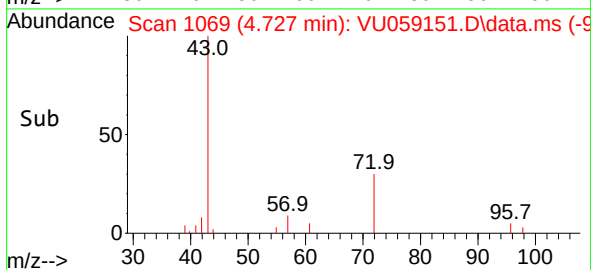
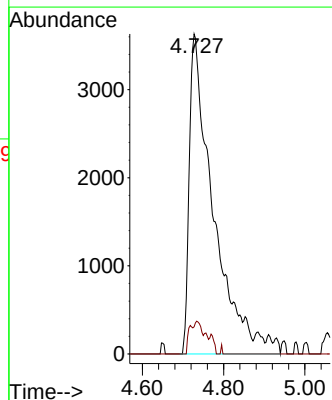
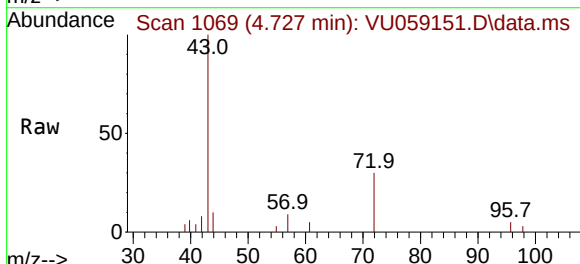
Manual Integrations
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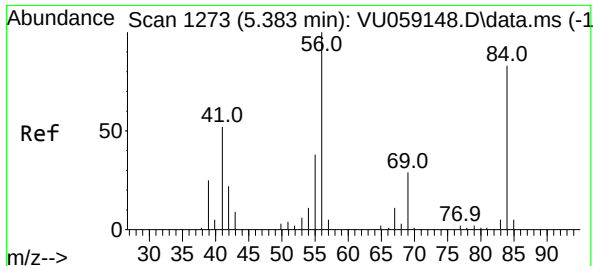
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#18
2-Butanone
Concen: 3.820 ug/l m
RT: 4.727 min Scan# 1069
Delta R.T. 0.026 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Tgt Ion: 43 Resp: 14949
Ion Ratio Lower Upper
43 100
57 8.5 0.0 16.8





#19

Cyclohexane

Concen: 0.820 ug/l m

RT: 5.383 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059151.D

Acq: 05 Jun 2024 14:24

Instrument :

MSVOA_U

ClientSampleId :

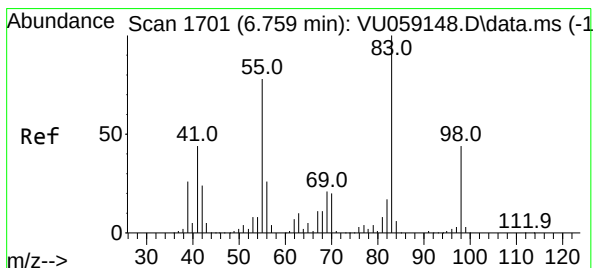
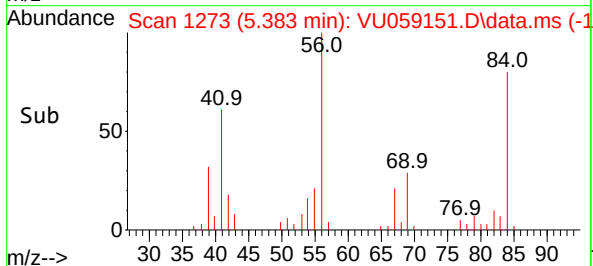
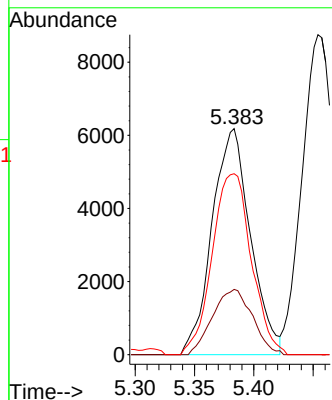
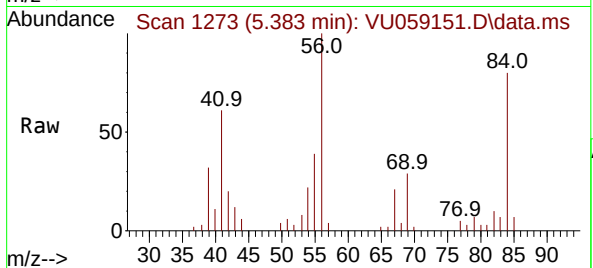
VSTDIC001

Tgt Ion:	56	Resp:	1390
Ion Ratio	Lower	Upper	
56	100		
69	30.0	23.5	35.3
84	81.5	66.5	99.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#20

Methylcyclohexane

Concen: 0.840 ug/l

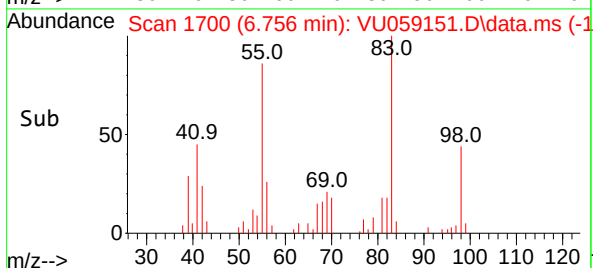
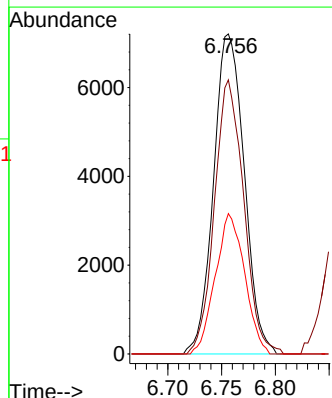
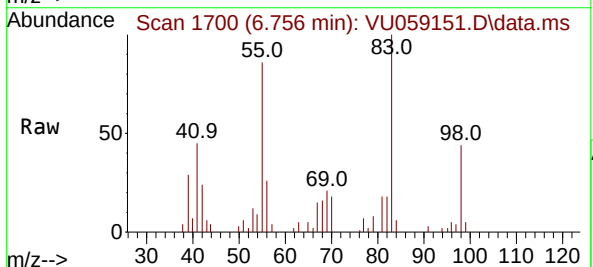
RT: 6.756 min Scan# 1700

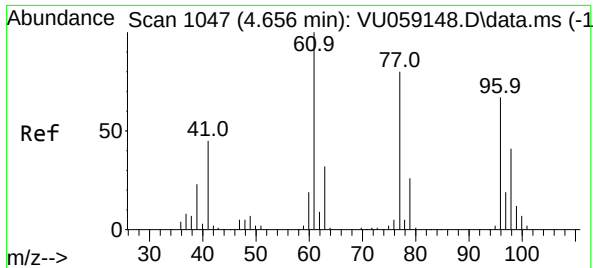
Delta R.T. -0.003 min

Lab File: VU059151.D

Acq: 05 Jun 2024 14:24

Tgt Ion:	83	Resp:	14310
Ion Ratio	Lower	Upper	
83	100		
55	81.6	62.7	94.1
98	41.9	35.1	52.7





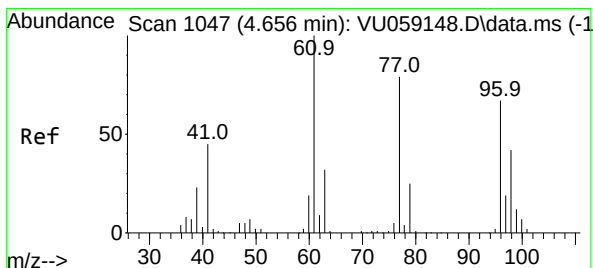
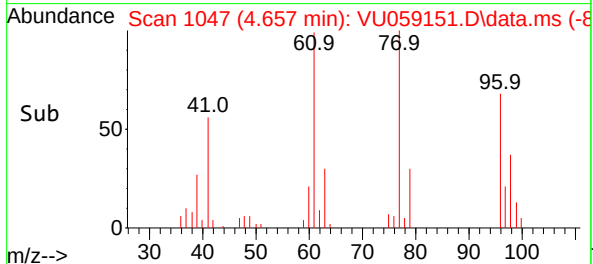
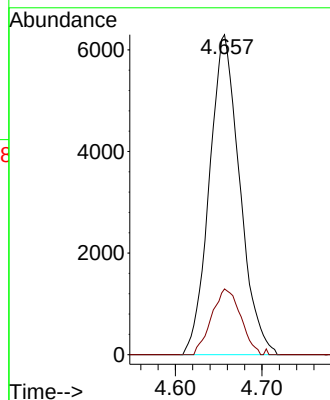
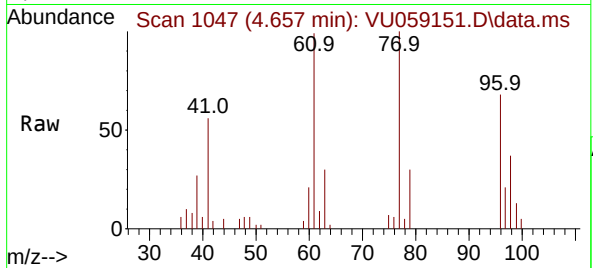
#21
2,2-Dichloropropane
Concen: 0.884 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 77 Resp: 1532
Ion Ratio Lower Upper
77 100
97 19.7 18.1 27.1

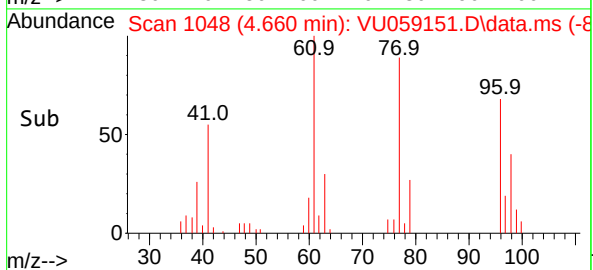
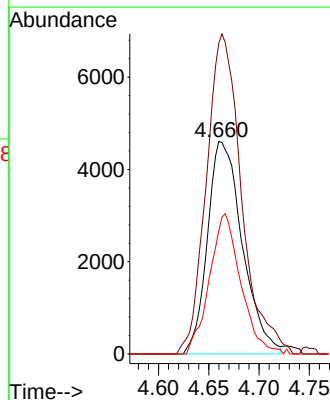
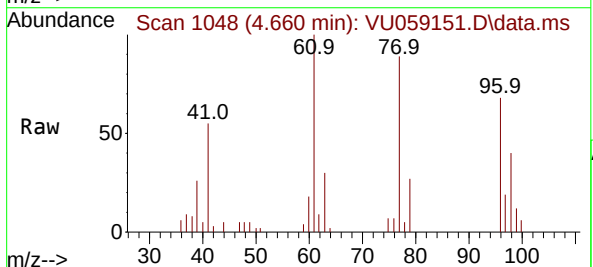
Manual Integrations
APPROVED

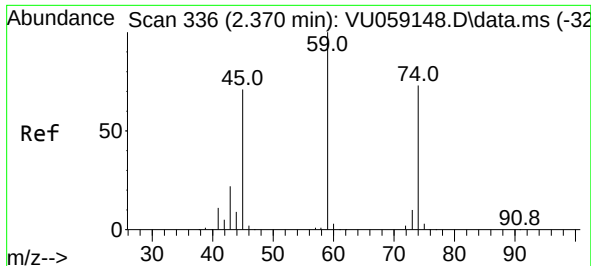
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#22
cis-1,2-Dichloroethene
Concen: 0.913 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Tgt Ion: 96 Resp: 11104
Ion Ratio Lower Upper
96 100
61 151.7 0.0 388.5
98 59.1 31.8 95.3





#23

Diethyl Ether

Concen: 0.856 ug/l

RT: 2.371 min Scan# 336

Delta R.T. 0.000 min

Lab File: VU059151.D

Acq: 05 Jun 2024 14:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 59 Resp: 823

Ion Ratio Lower Upper

59 100

45 78.5 58.8 88.2

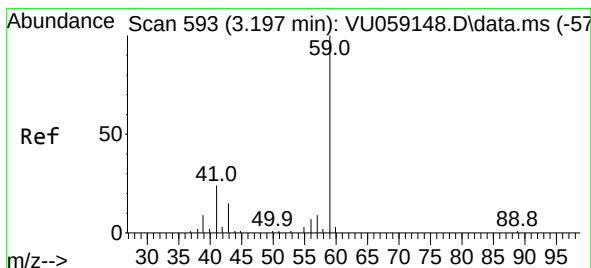
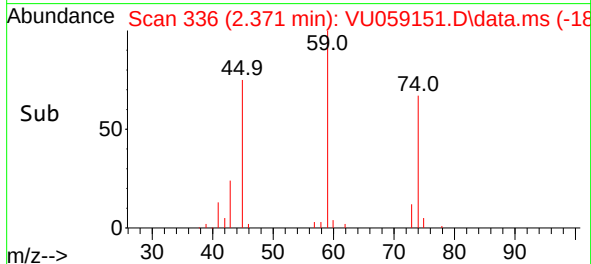
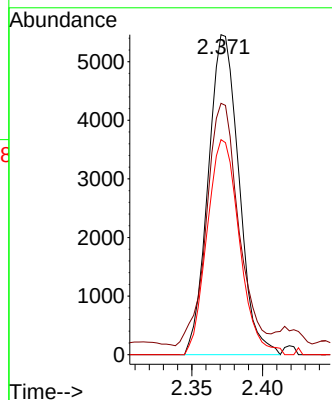
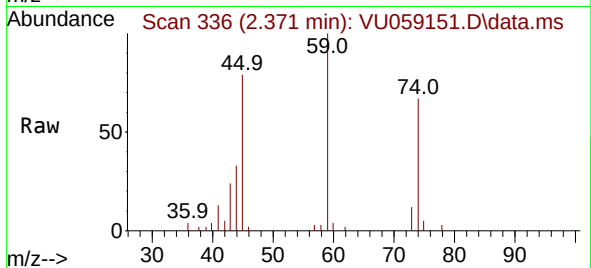
74 70.9 58.0 87.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#24

tert-Butyl Alcohol

Concen: 9.063 ug/l m

RT: 3.216 min Scan# 599

Delta R.T. 0.020 min

Lab File: VU059151.D

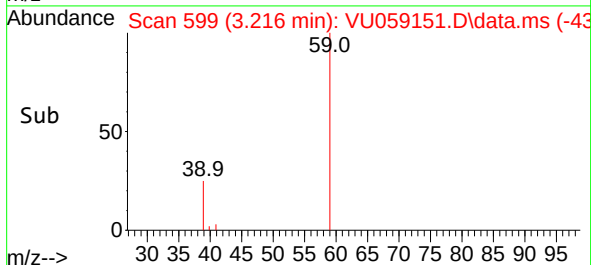
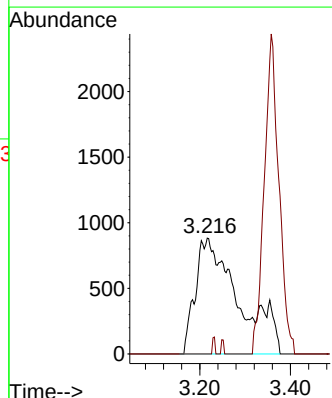
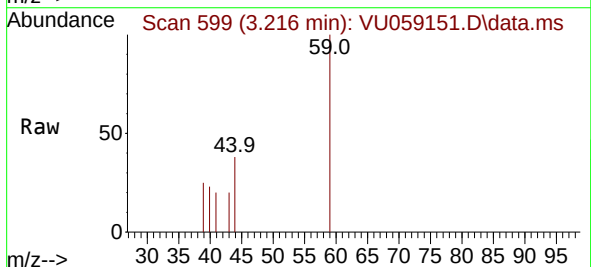
Acq: 05 Jun 2024 14:24

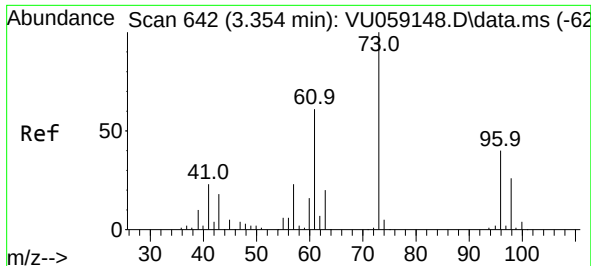
Tgt Ion: 59 Resp: 5826

Ion Ratio Lower Upper

59 100

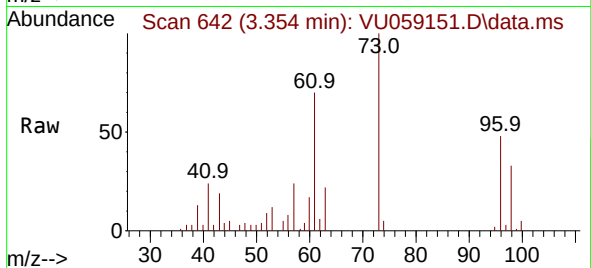
57 0.0 2.9 4.3#





#25
Methyl tert-Butyl Ether
Concen: 0.879 ug/l
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

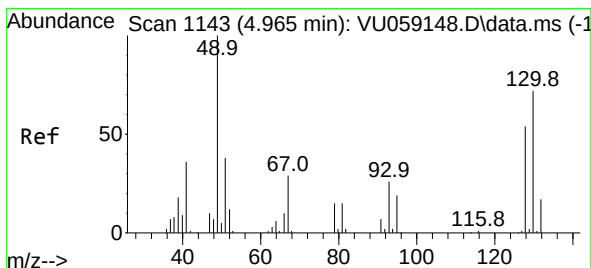
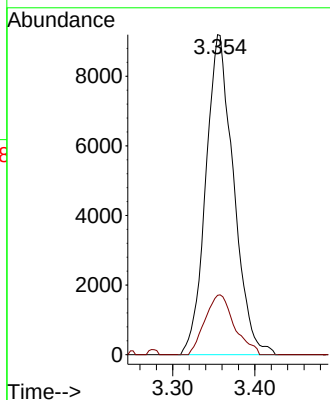
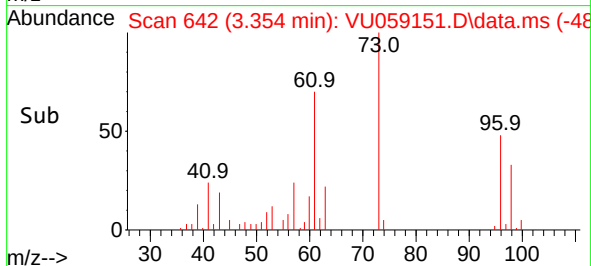
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



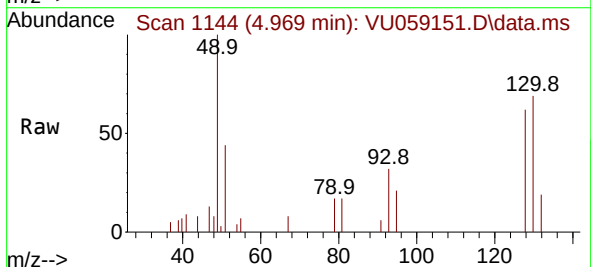
Tgt Ion: 73 Resp: 21609
Ion Ratio Lower Upper
73 100
43 19.8 15.0 22.6

Manual Integrations
APPROVED

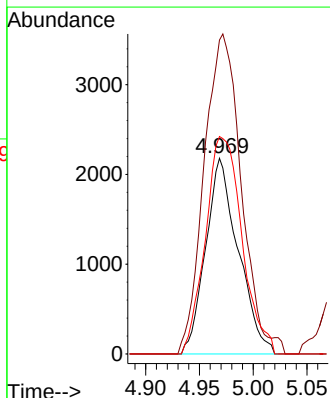
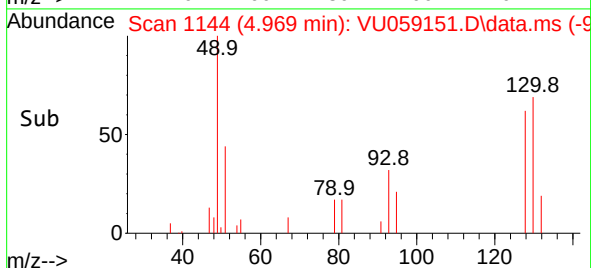
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

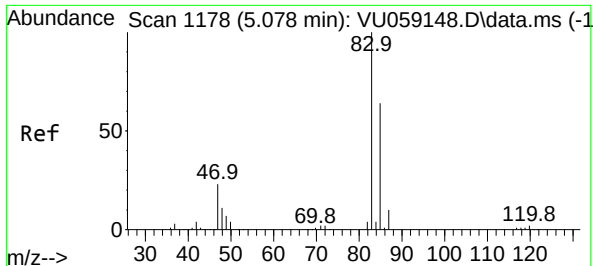


#26
Bromochloromethane
Concen: 0.896 ug/l
RT: 4.969 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24



Tgt Ion:128 Resp: 4600
Ion Ratio Lower Upper
128 100
49 186.4 0.0 371.2
130 124.6 104.1 156.1





#27

Chloroform

Concen: 0.906 ug/l

RT: 5.084 min Scan# 1178

Delta R.T. 0.007 min

Lab File: VU059151.D

Acq: 05 Jun 2024 14:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 2133

Ion Ratio Lower Upper

83 100

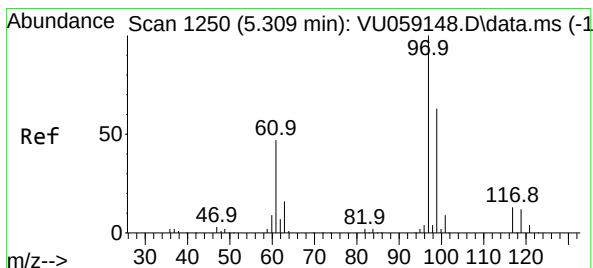
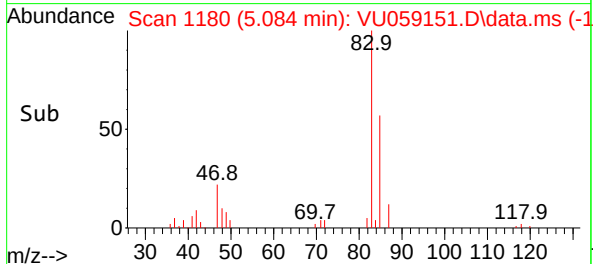
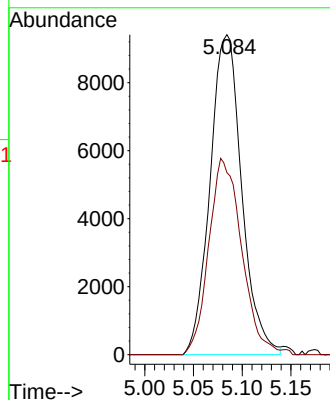
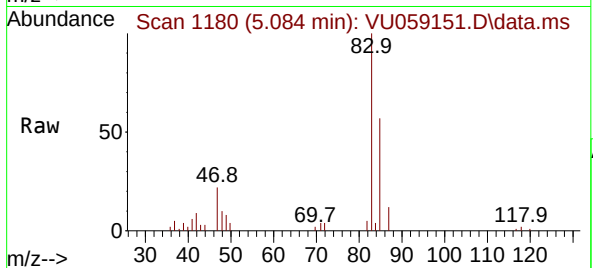
85 56.9 0.0 127.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#28

1,1,1-Trichloroethane

Concen: 0.873 ug/l

RT: 5.313 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU059151.D

Acq: 05 Jun 2024 14:24

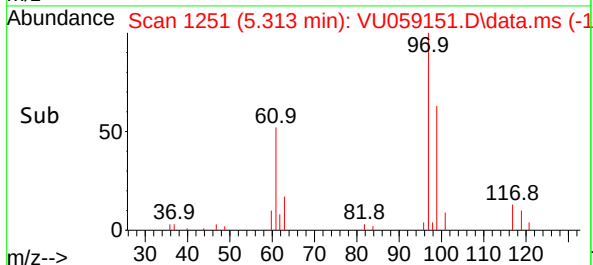
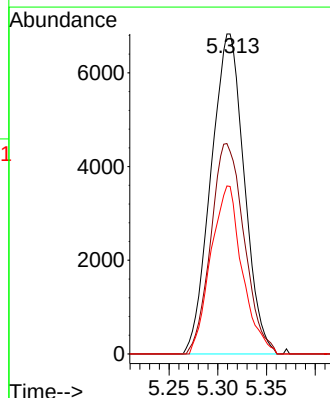
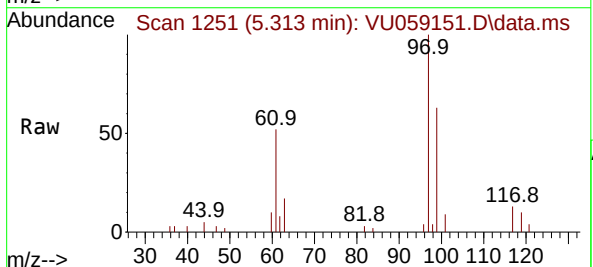
Tgt Ion: 97 Resp: 16216

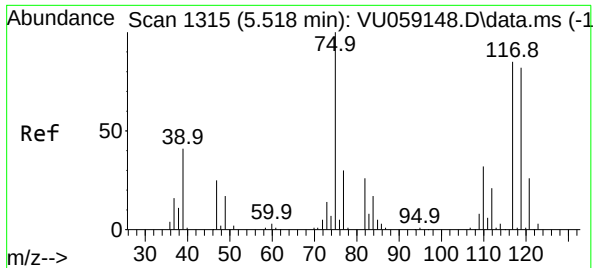
Ion Ratio Lower Upper

97 100

99 66.0 32.0 96.0

61 49.6 23.9 71.7





#29
1,1-Dichloropropene
Concen: 0.891 ug/l
RT: 5.525 min Scan# 1317
Delta R.T. 0.007 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Instrument :

MSVOA_U

ClientSampleId :

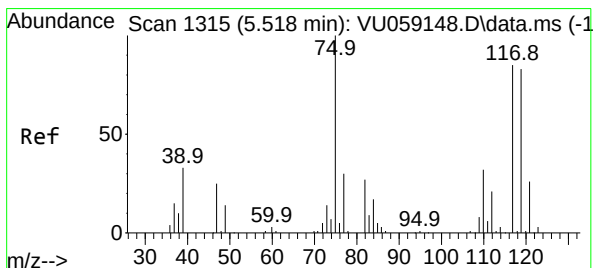
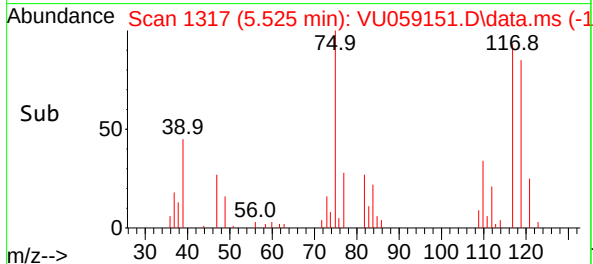
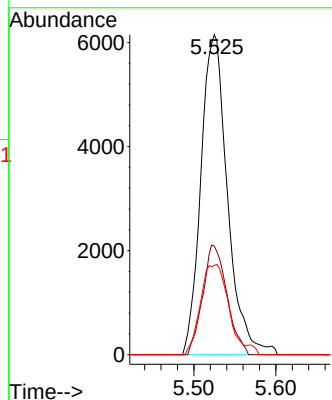
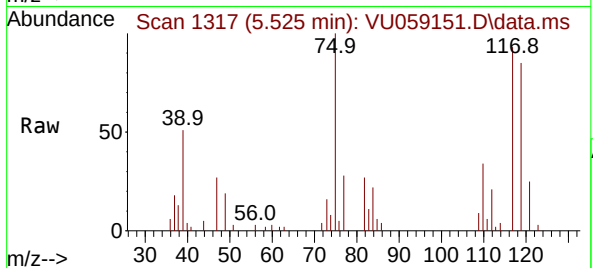
VSTDIC001

Tgt Ion: 75 Resp: 13874
Ion Ratio Lower Upper
75 100
110 31.1 17.0 50.9
77 30.2 24.6 36.8

Manual Integrations

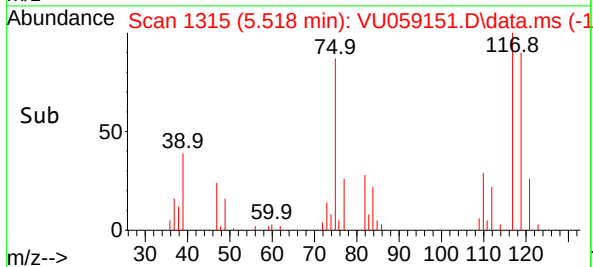
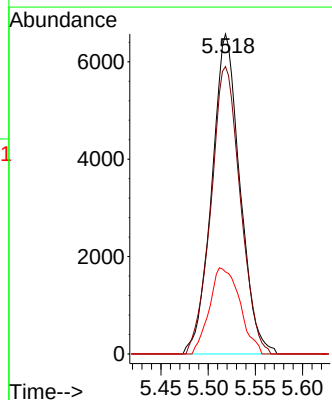
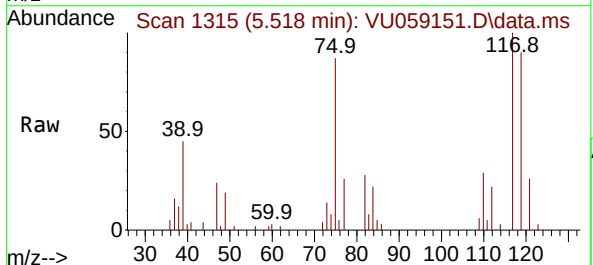
APPROVED

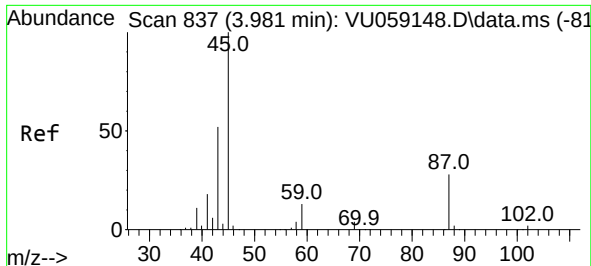
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#30
Carbon Tetrachloride
Concen: 0.894 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Tgt Ion:117 Resp: 13621
Ion Ratio Lower Upper
117 100
119 89.8 77.5 116.3
121 25.7 24.6 37.0





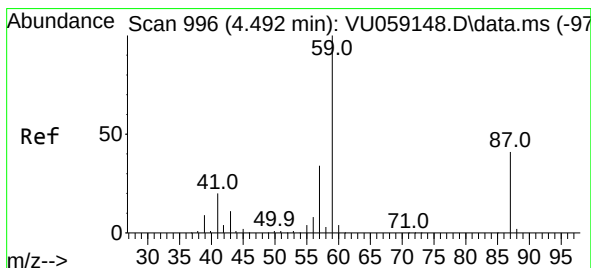
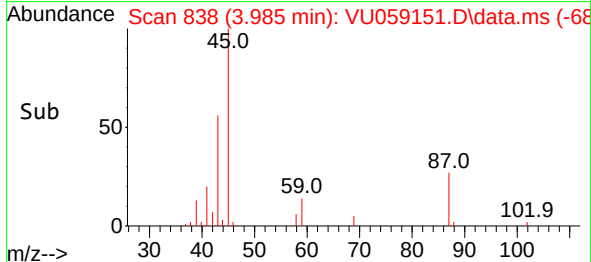
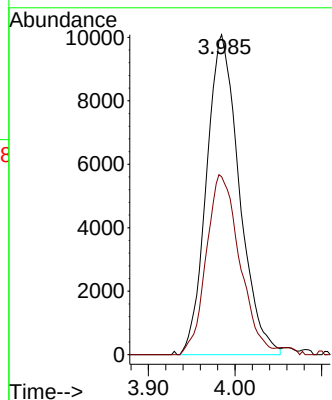
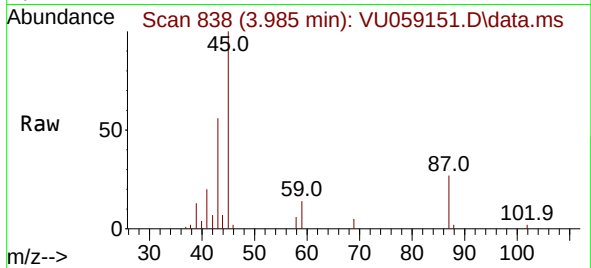
#31
Isopropyl Ether
Concen: 0.863 ug/l
RT: 3.985 min Scan# 837
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 45 Resp: 26519
Ion Ratio Lower Upper
45 100
43 57.3 26.1 78.3

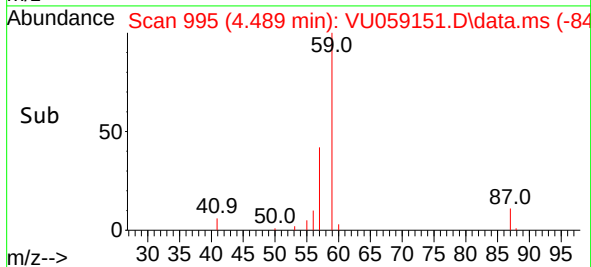
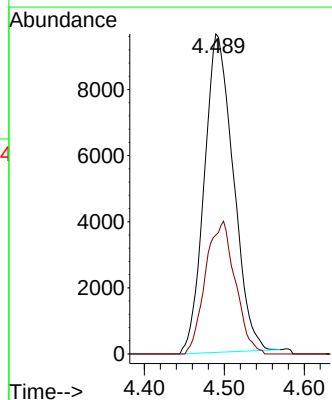
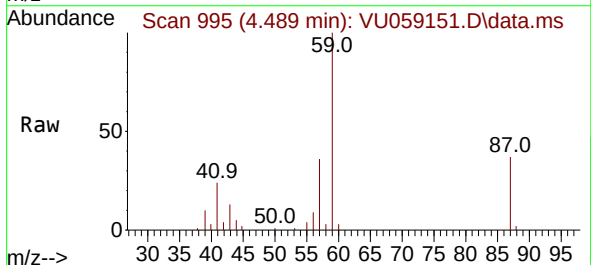
Manual Integrations
APPROVED

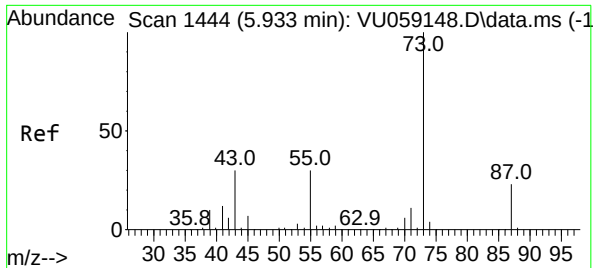
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#32
Ethyl-t-butyl ether
Concen: 0.851 ug/l
RT: 4.489 min Scan# 995
Delta R.T. -0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

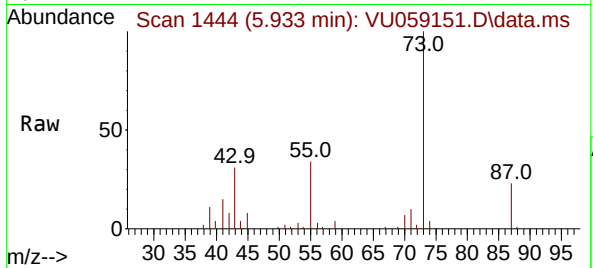
Tgt Ion: 59 Resp: 24319
Ion Ratio Lower Upper
59 100
87 42.6 32.2 48.4





#33
Tert-Amyl methyl ether
Concen: 0.832 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

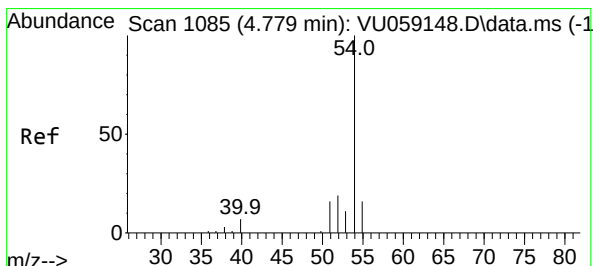
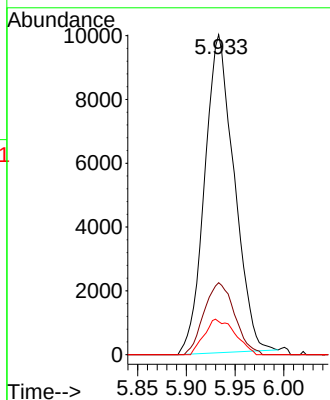
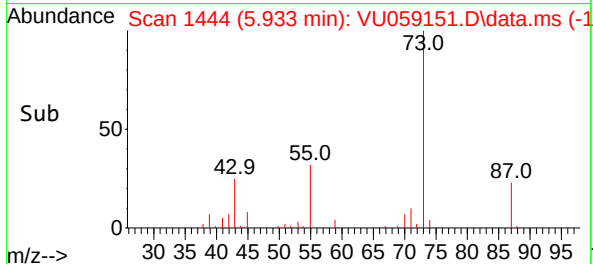
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



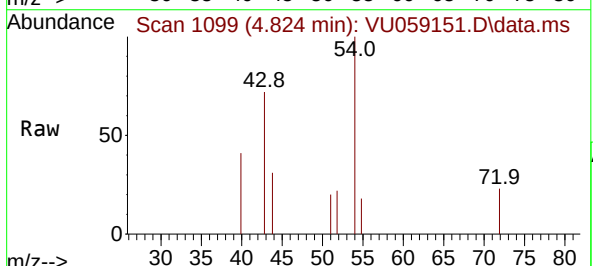
Tgt Ion: 73 Resp: 2100
Ion Ratio Lower Upper
73 100
87 23.5 18.6 27.8
71 11.6 9.1 13.7

Manual Integrations
APPROVED

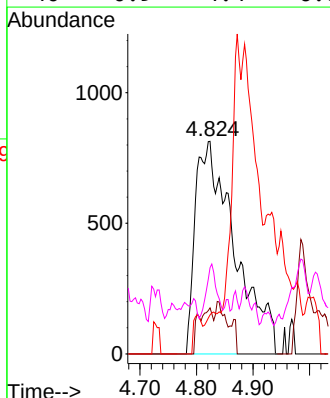
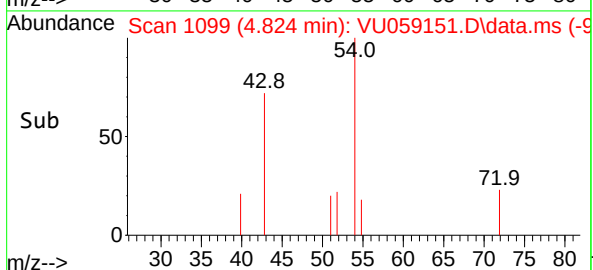
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

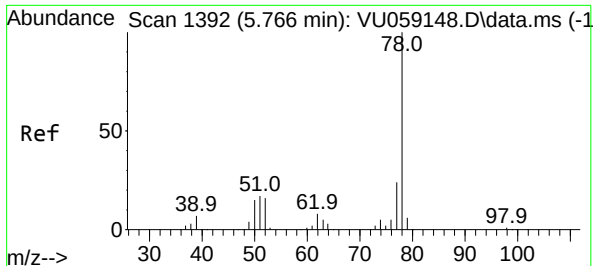


#34
Propionitrile
Concen: 4.430 ug/l m
RT: 4.824 min Scan# 1099
Delta R.T. 0.045 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24



Tgt Ion: 54 Resp: 3932
Ion Ratio Lower Upper
54 100
52 2.7 15.2 22.8#
55 3.9 12.4 18.6#
40 0.9 4.4 6.6#





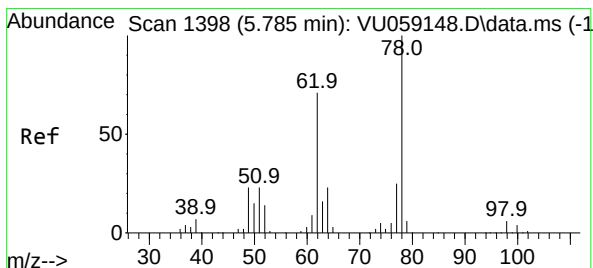
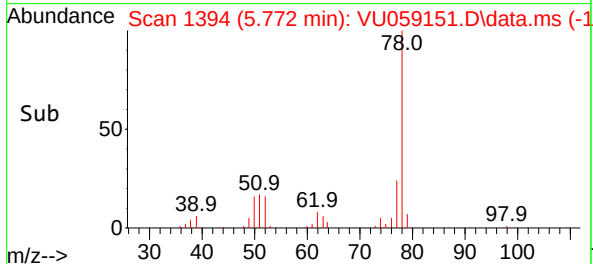
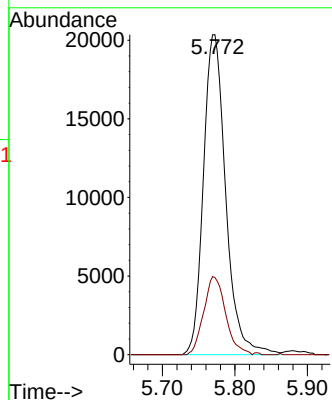
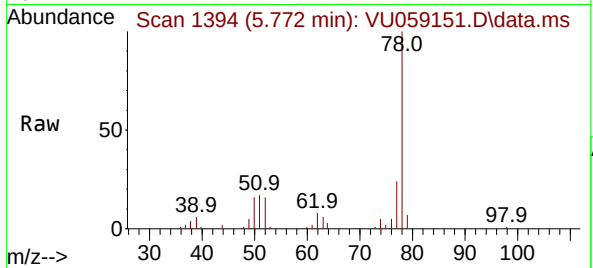
#35
Benzene
Concen: 0.889 ug/l
RT: 5.772 min Scan# 1400
Delta R.T. 0.007 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 43500
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.2

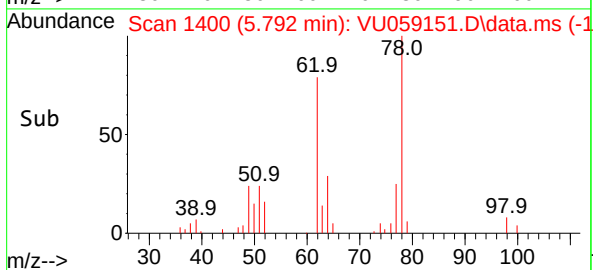
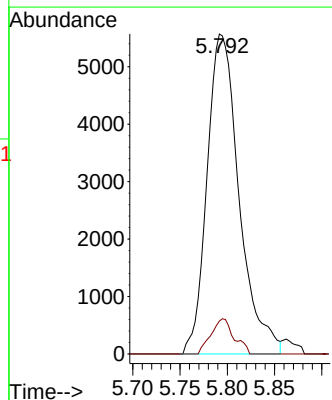
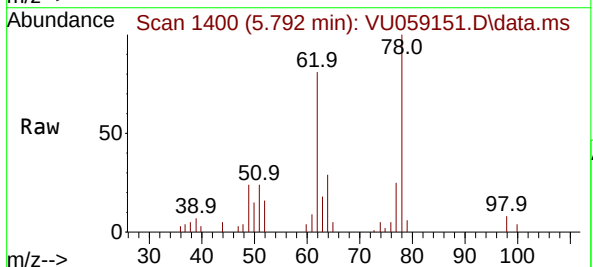
Manual Integrations
APPROVED

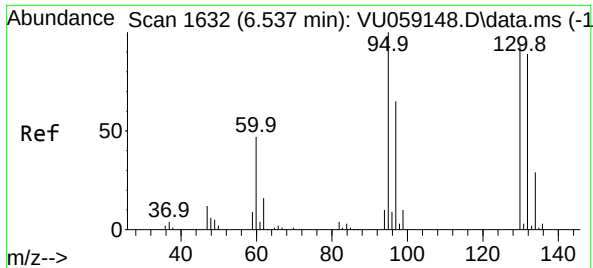
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#36
1,2-Dichloroethane
Concen: 0.905 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.007 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Tgt Ion: 62 Resp: 13140
Ion Ratio Lower Upper
62 100
98 7.9 6.7 10.1





#37

Trichloroethene

Concen: 0.892 ug/l

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059151.D

Acq: 05 Jun 2024 14:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion:130 Resp: 1042

Ion Ratio Lower Upper

130 100

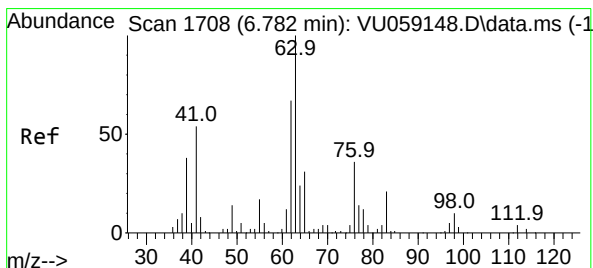
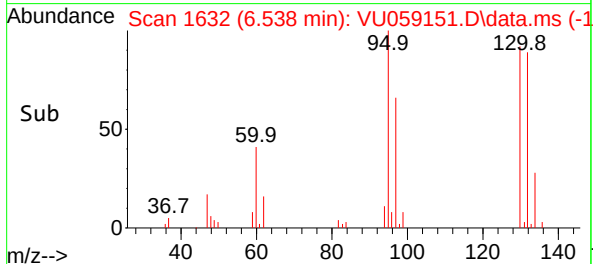
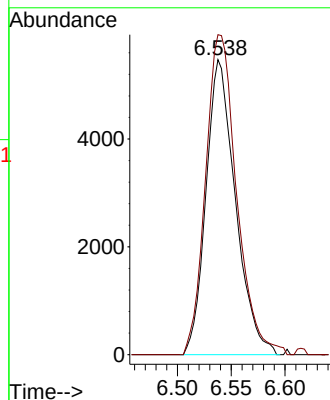
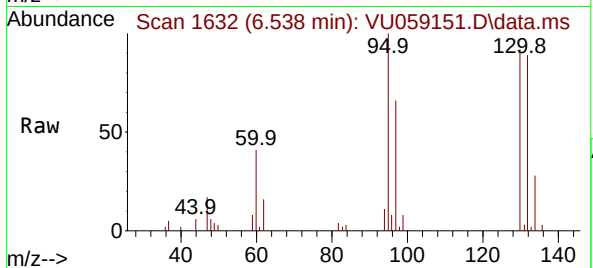
95 108.5 85.6 128.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#38

1,2-Dichloropropane

Concen: 0.923 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU059151.D

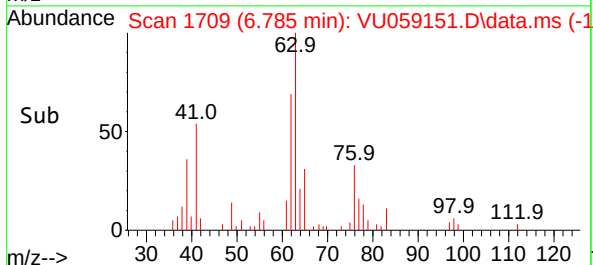
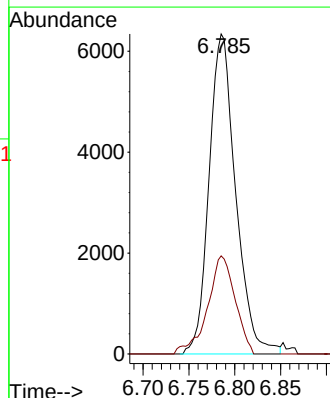
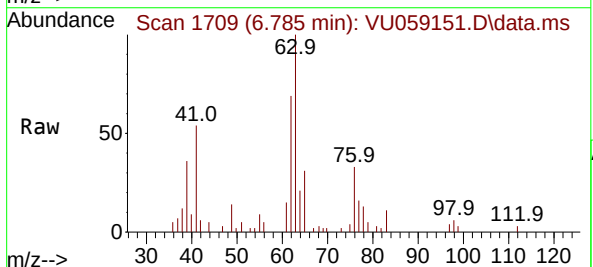
Acq: 05 Jun 2024 14:24

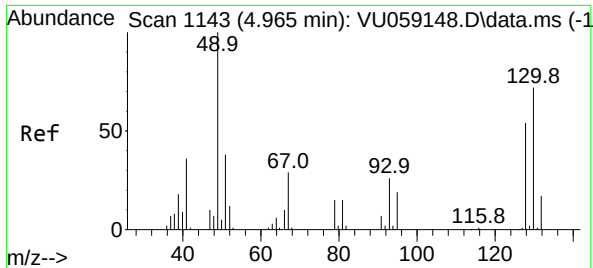
Tgt Ion: 63 Resp: 12825

Ion Ratio Lower Upper

63 100

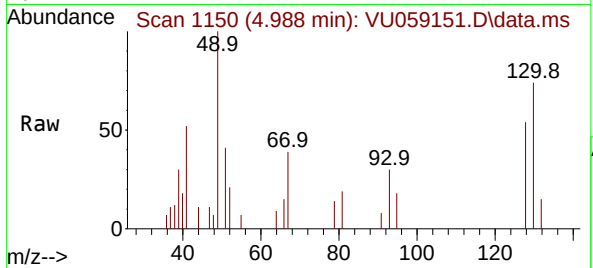
65 30.6 24.6 37.0





#39
Methacrylonitrile
Concen: 0.864 ug/l
RT: 4.988 min Scan# 1150
Delta R.T. 0.023 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

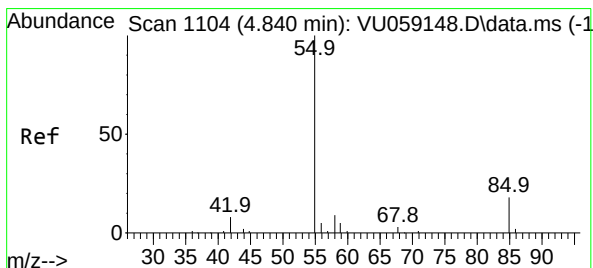
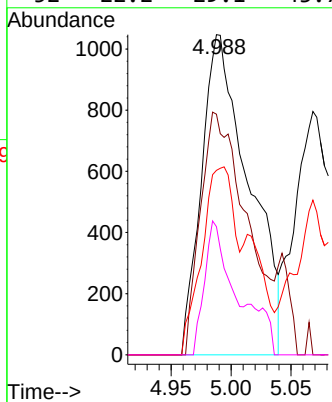
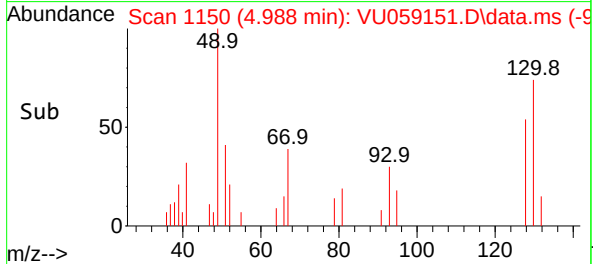
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 41 Resp: 288
Ion Ratio Lower Upper
41 100
67 74.0 68.2 102.4
39 40.9 43.4 65.2
52 22.2 29.1 43.7#

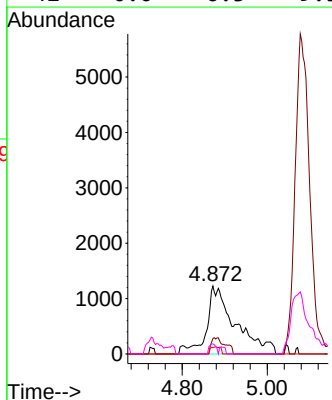
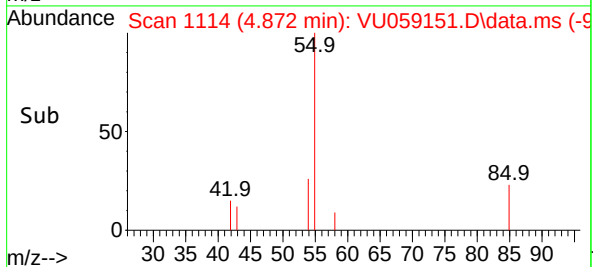
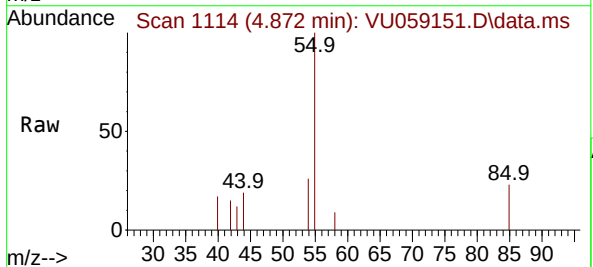
Manual Integrations
APPROVED

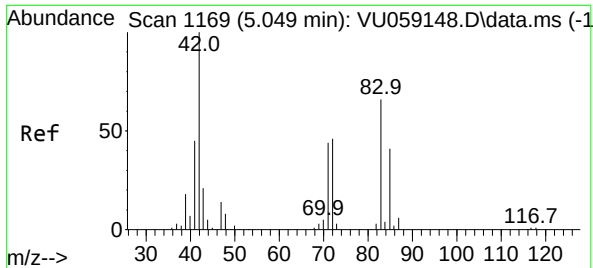
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#40
Methyl acrylate
Concen: 0.986 ug/l m
RT: 4.872 min Scan# 1114
Delta R.T. 0.032 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Tgt Ion: 55 Resp: 5763
Ion Ratio Lower Upper
55 100
85 0.0 11.8 17.6#
58 0.0 6.0 9.0#
42 0.0 6.3 9.5#





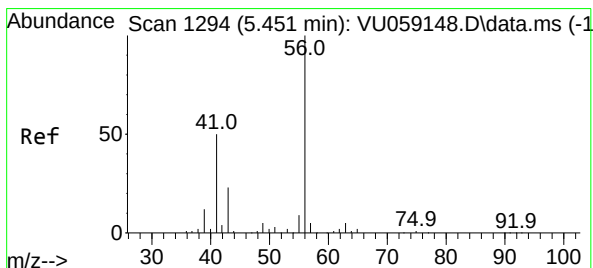
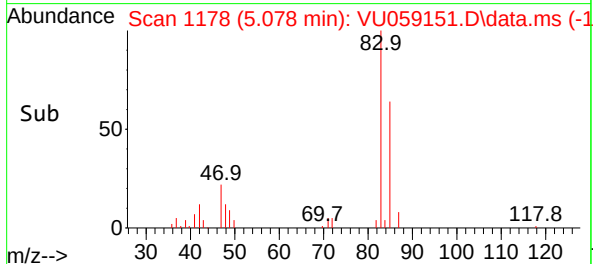
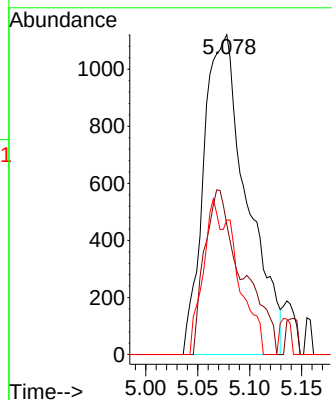
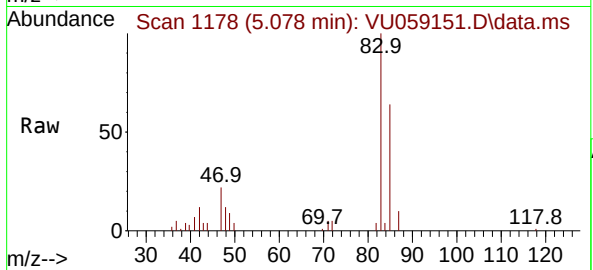
#41
Tetrahydrofuran
Concen: 1.801 ug/l
RT: 5.078 min Scan# 1169
Delta R.T. 0.029 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 324
Ion Ratio Lower Upper
42 100
72 34.7 40.7 61.1
71 21.5 36.5 54.7

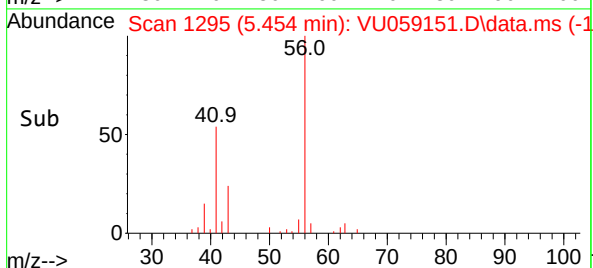
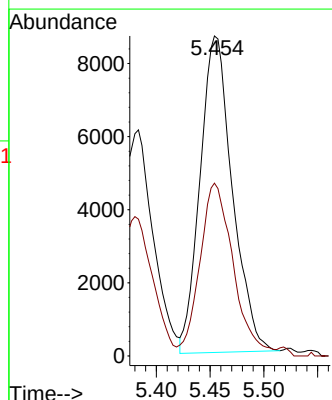
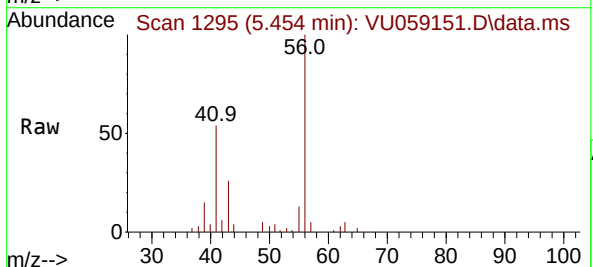
Manual Integrations
APPROVED

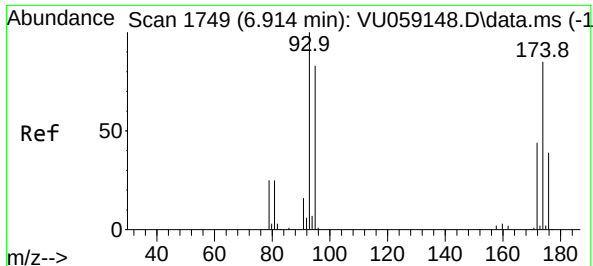
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#42
1-Chlorobutane
Concen: 0.841 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

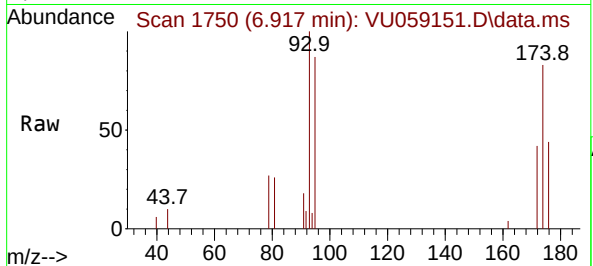
Tgt Ion: 56 Resp: 18100
Ion Ratio Lower Upper
56 100
41 56.7 25.7 77.1





#43
Dibromomethane
Concen: 0.841 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

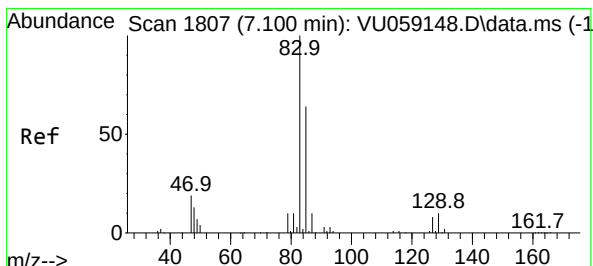
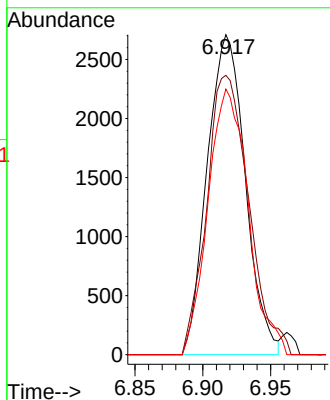
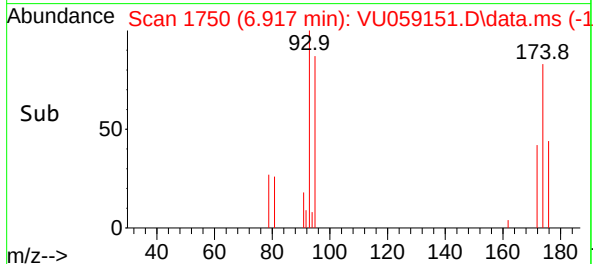
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 93 Resp: 5292
Ion Ratio Lower Upper
93 100
95 96.1 66.1 99.1
174 87.4 67.2 100.8

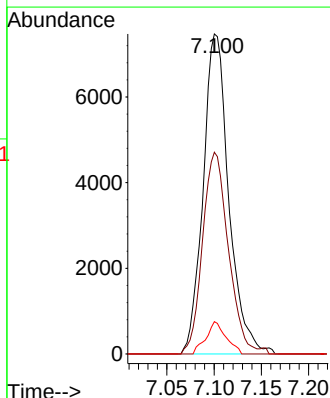
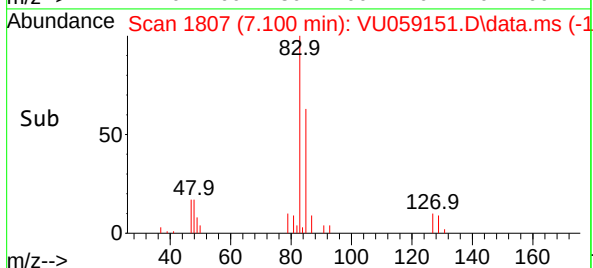
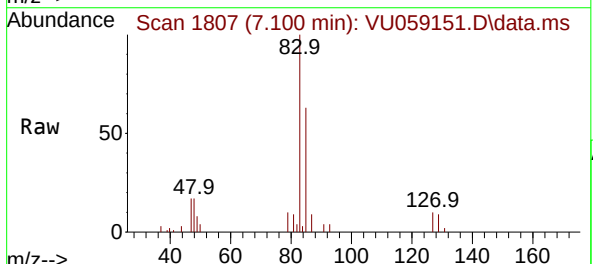
Manual Integrations
APPROVED

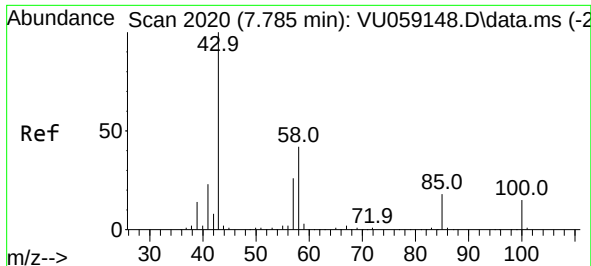
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#44
Bromodichloromethane
Concen: 0.865 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Tgt Ion: 83 Resp: 14111
Ion Ratio Lower Upper
83 100
85 63.1 51.0 76.4
127 10.1 6.4 9.6#





#45

4-Methyl-2-Pentanone

Concen: 4.158 ug/l

RT: 7.788 min Scan# 2020

Delta R.T. 0.003 min

Lab File: VU059151.D

Acq: 05 Jun 2024 14:24

Instrument :

MSVOA_U

ClientSampleId :

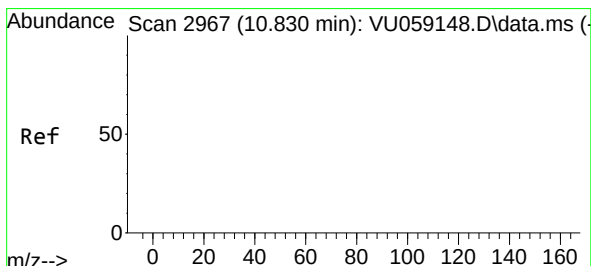
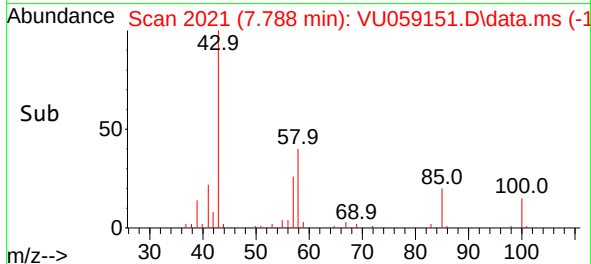
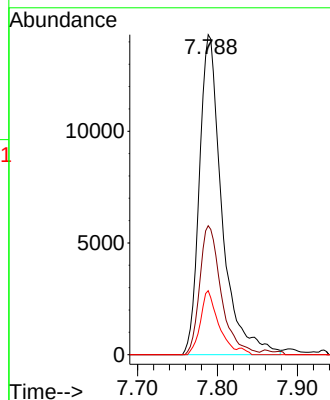
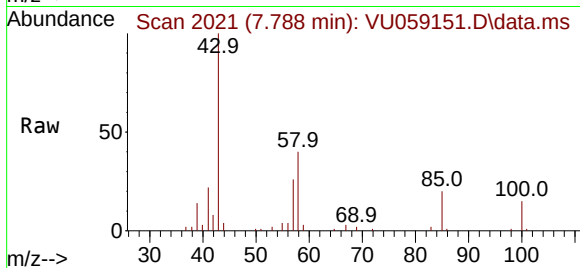
VSTDICC001

Tgt Ion: 43	Resp: 2805
Ion Ratio	Lower Upper
43 100	
58 38.6	21.1 63.3
85 15.9	14.6 22.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#46

t-1,4-Dichloro-2-butene

Concen: 1.641 ug/l m

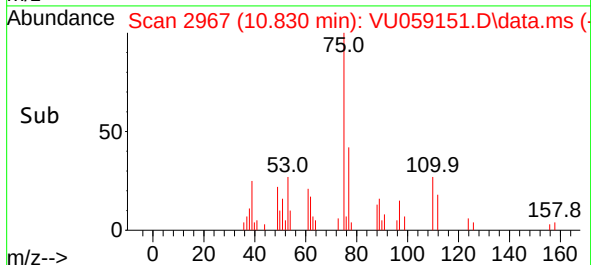
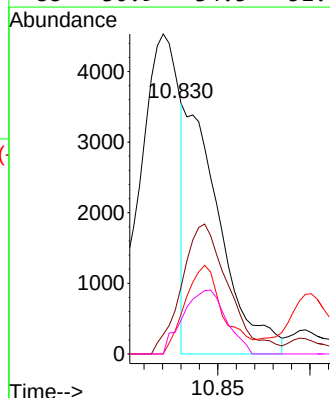
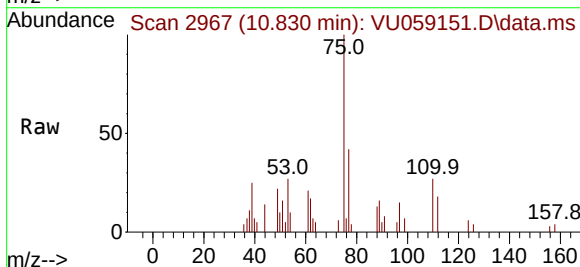
RT: 10.830 min Scan# 2967

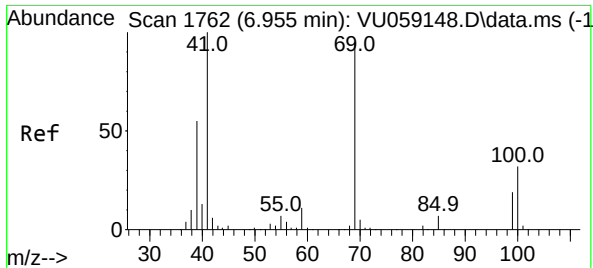
Delta R.T. 0.000 min

Lab File: VU059151.D

Acq: 05 Jun 2024 14:24

Tgt Ion: 75	Resp: 4758
Ion Ratio	Lower Upper
75 100	
53 68.7	72.2 108.4#
89 39.0	47.0 70.4#
88 30.9	34.5 51.7#





#47
Methyl methacrylate
Concen: 1.576 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. 0.007 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Instrument :

MSVOA_U

ClientSampleId :

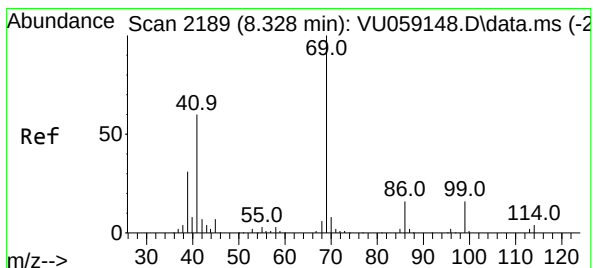
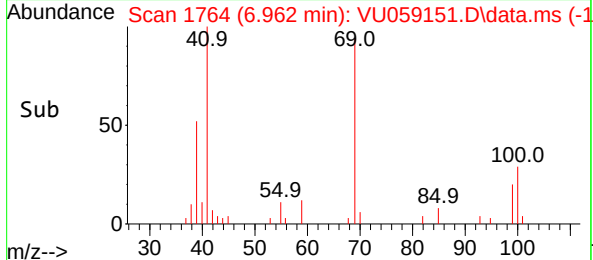
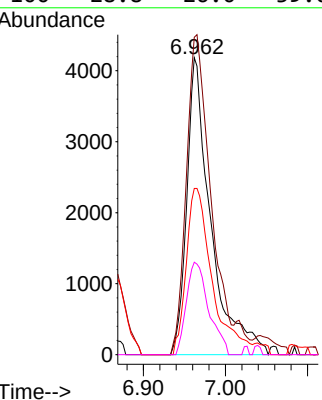
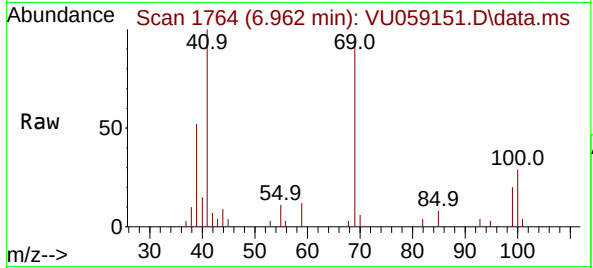
VSTDICC001

Tgt Ion: 69 Resp: 8519
Ion Ratio Lower Upper
69 100
41 108.8 0.0 208.8
39 60.5 46.0 69.0
100 28.8 26.0 39.0

Manual Integrations

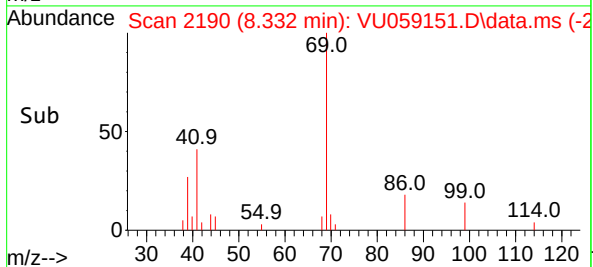
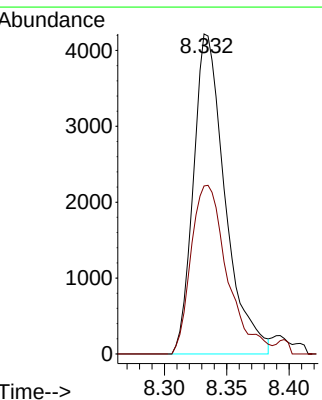
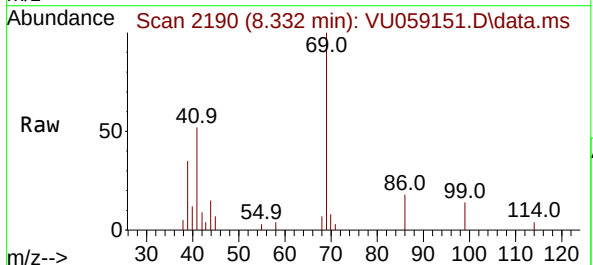
APPROVED

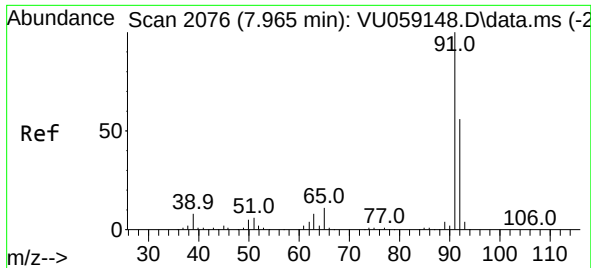
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#48
Ethyl methacrylate
Concen: 0.780 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Tgt Ion: 69 Resp: 7445
Ion Ratio Lower Upper
69 100
41 60.4 30.2 90.6





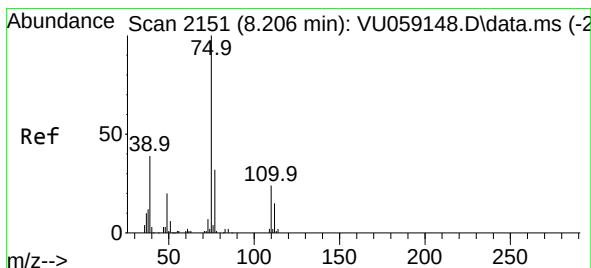
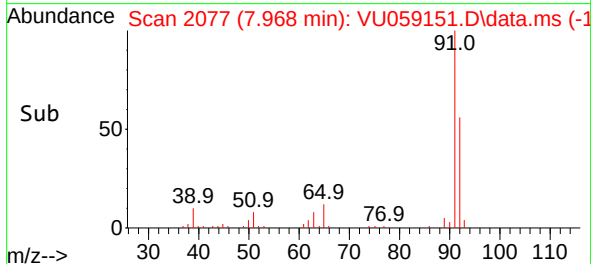
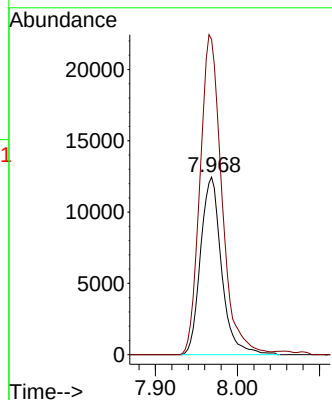
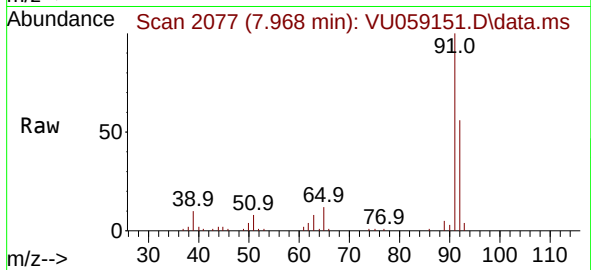
#49
Toluene
Concen: 0.823 ug/l
RT: 7.968 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 92 Resp: 2217
Ion Ratio Lower Upper
92 100
91 187.4 143.4 215.0

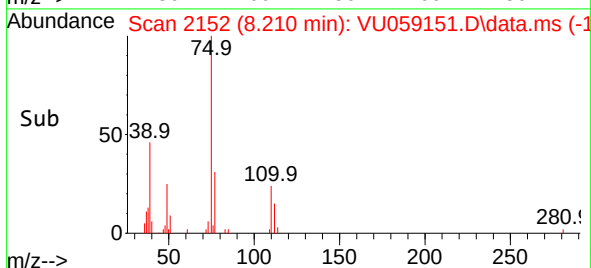
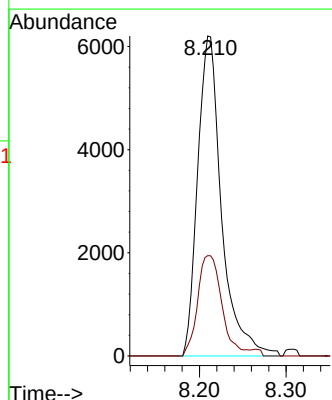
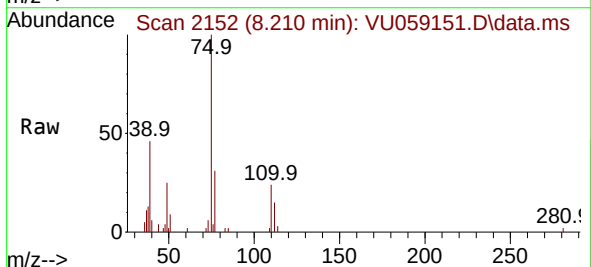
Manual Integrations
APPROVED

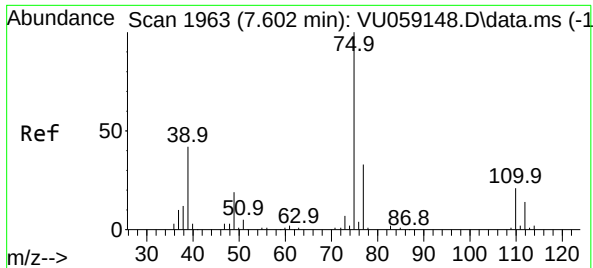
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#50
t-1,3-Dichloropropene
Concen: 0.852 ug/l
RT: 8.210 min Scan# 2152
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Tgt Ion: 75 Resp: 11887
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9





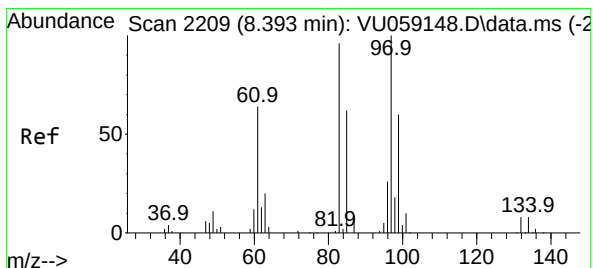
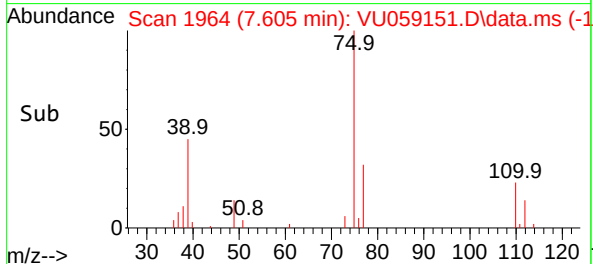
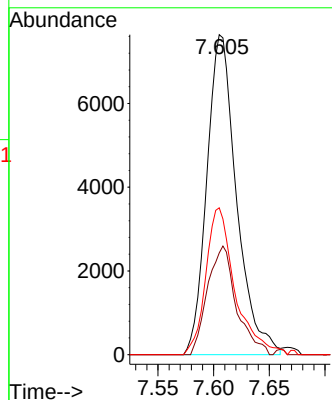
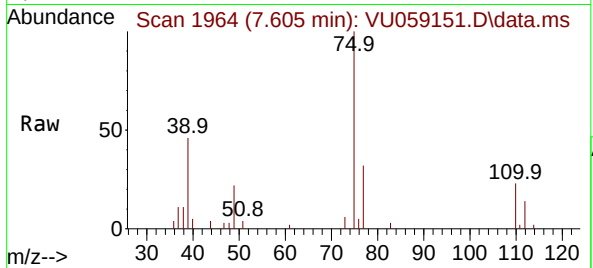
#51
 cis-1,3-Dichloropropene
 Concen: 0.829 ug/l
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU059151.D
 Acq: 05 Jun 2024 14:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion: 75 Resp: 1416
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.0 39.0
 39 44.3 33.2 49.8

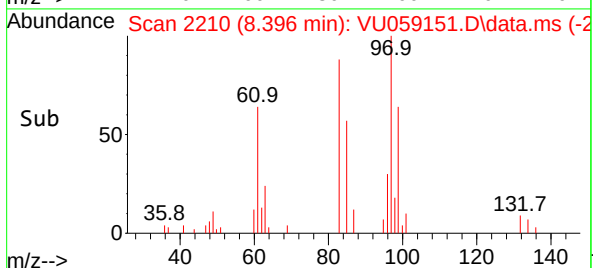
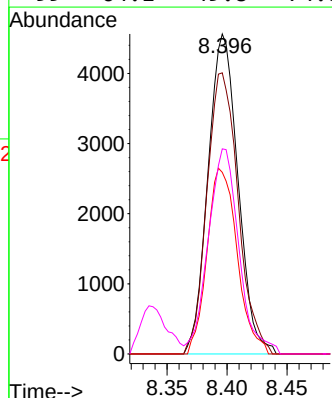
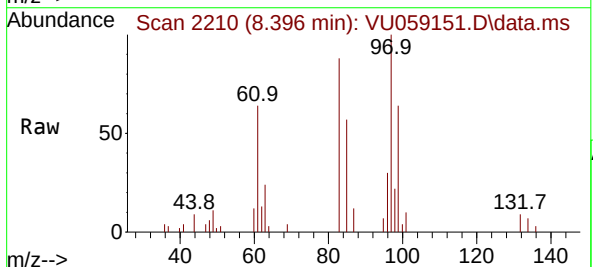
Manual Integrations
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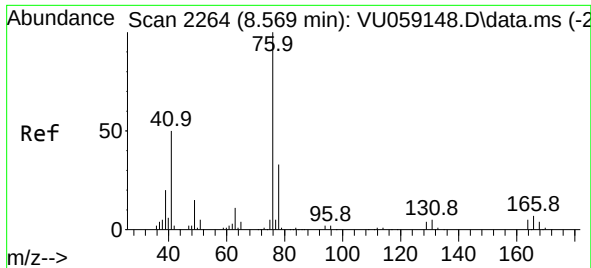
Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024



#52
 1,1,2-Trichloroethane
 Concen: 0.853 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU059151.D
 Acq: 05 Jun 2024 14:24

Tgt Ion: 97 Resp: 7931
 Ion Ratio Lower Upper
 97 100
 83 87.9 76.4 114.6
 85 56.7 49.6 74.4
 99 64.1 49.8 74.8





#53

1,3-Dichloropropane

Concen: 0.880 ug/l

RT: 8.570 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VU059151.D

Acq: 05 Jun 2024 14:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 76 Resp: 1409

Ion Ratio Lower Upper

76 100

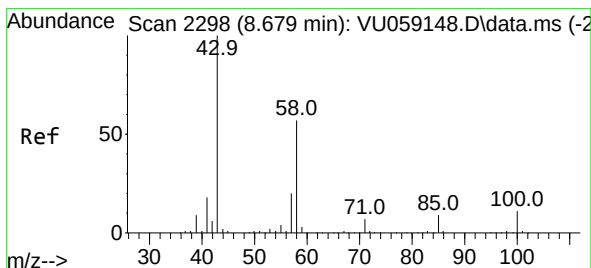
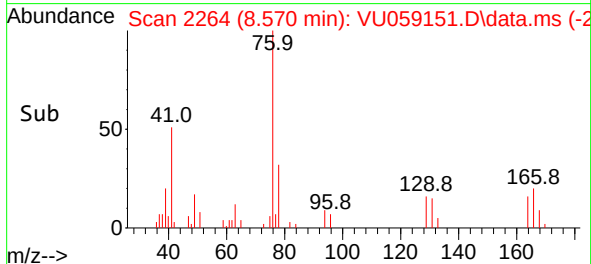
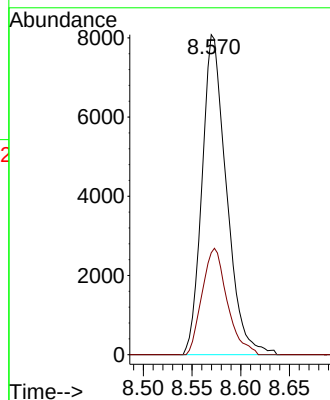
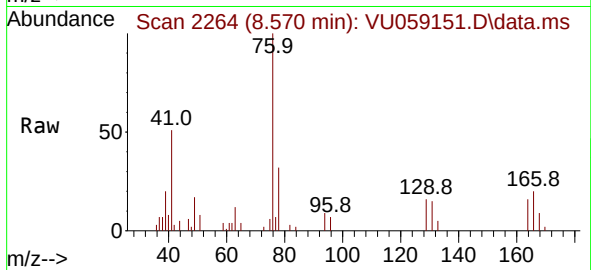
78 34.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#54

2-Hexanone

Concen: 4.930 ug/l

RT: 8.689 min Scan# 2301

Delta R.T. 0.010 min

Lab File: VU059151.D

Acq: 05 Jun 2024 14:24

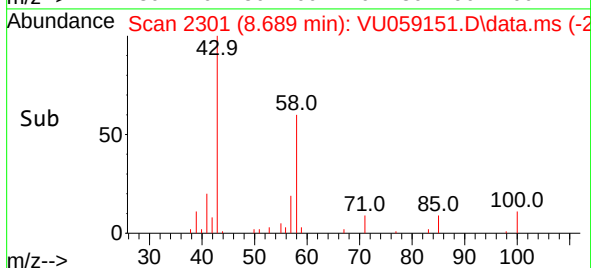
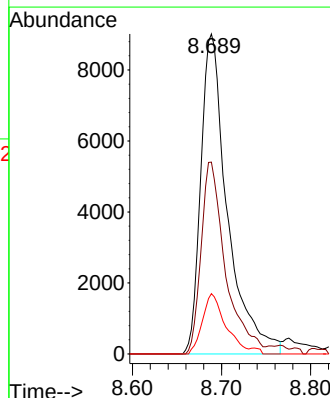
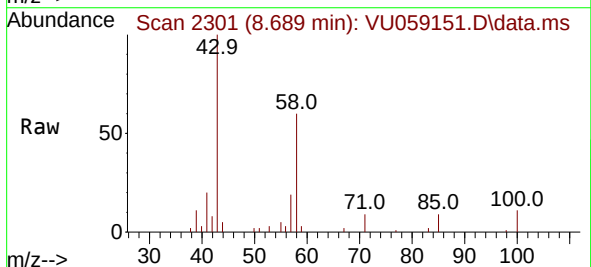
Tgt Ion: 43 Resp: 18718

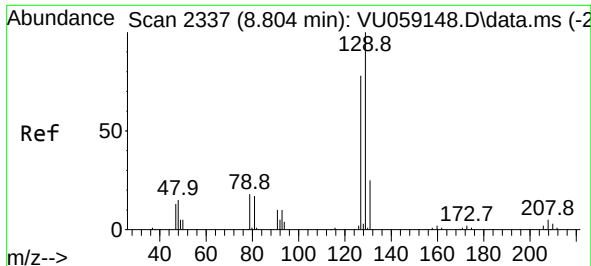
Ion Ratio Lower Upper

43 100

58 55.2 38.6 78.6

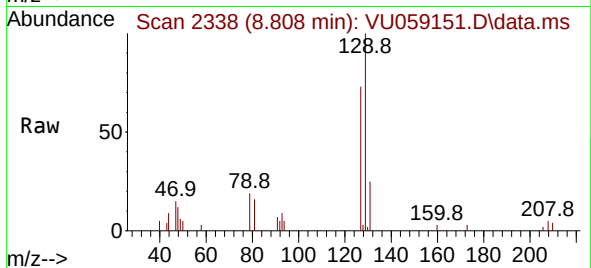
57 16.3 0.0 39.5





#55
Dibromochloromethane
Concen: 0.868 ug/l
RT: 8.808 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

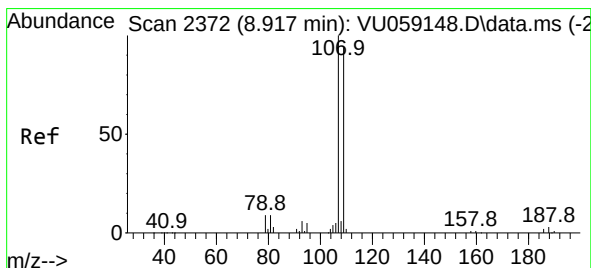
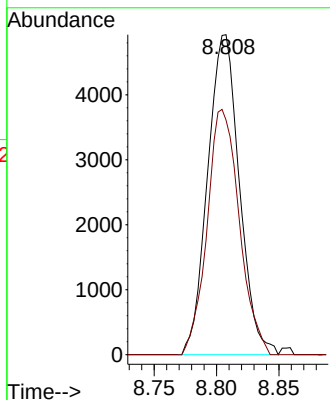
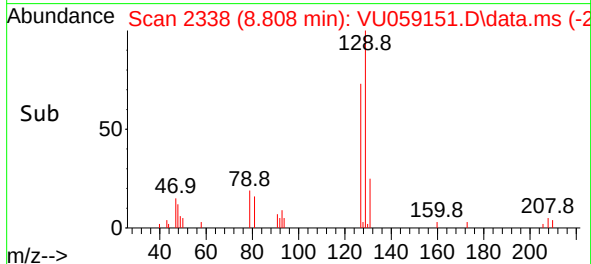
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:129 Resp: 873
Ion Ratio Lower Upper
129 100
127 77.9 61.9 92.9

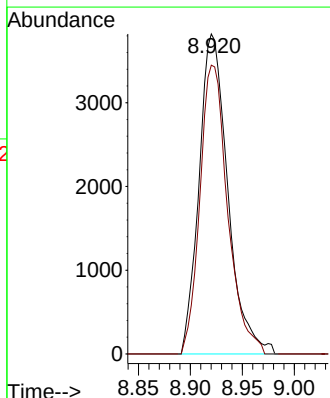
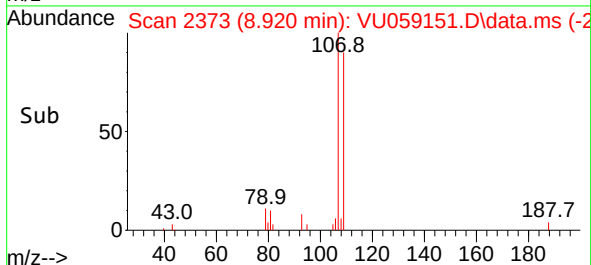
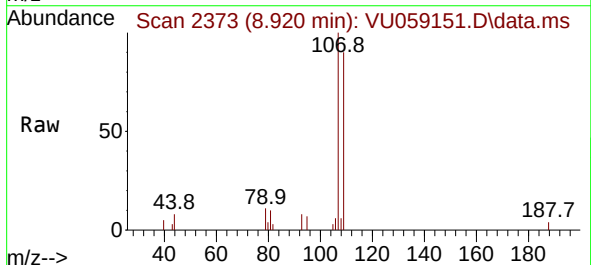
Manual Integrations
APPROVED

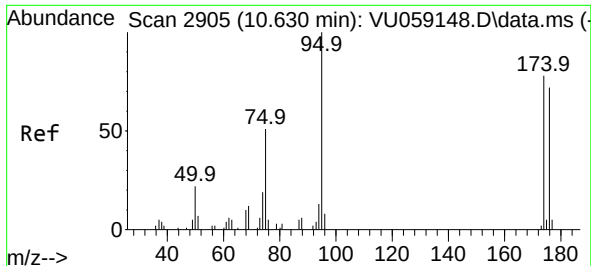
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#56
1,2-Dibromoethane
Concen: 0.902 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

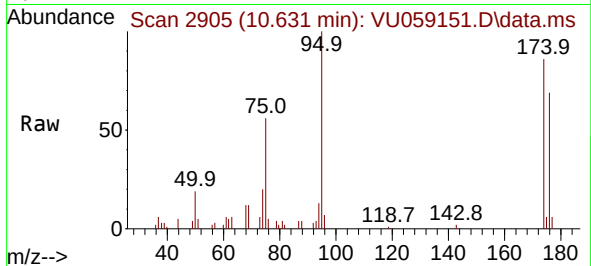
Tgt Ion:107 Resp: 7353
Ion Ratio Lower Upper
107 100
109 87.1 0.0 188.2





#57
4-Bromofluorobenzene
Concen: 0.914 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

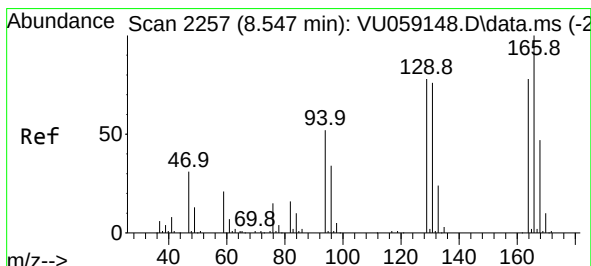
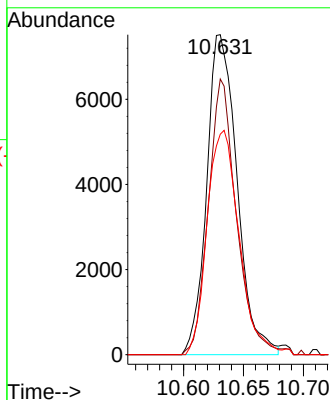
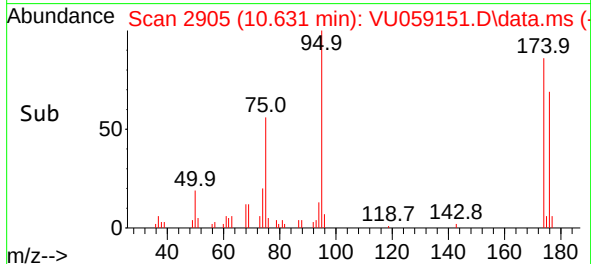
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 95 Resp: 13240
Ion Ratio Lower Upper
95 100
174 79.8 59.6 89.4
176 74.1 57.3 85.9

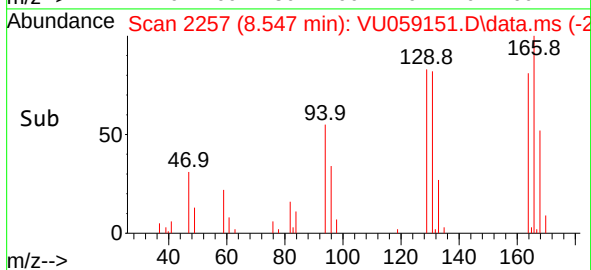
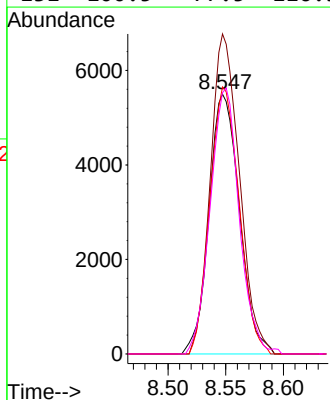
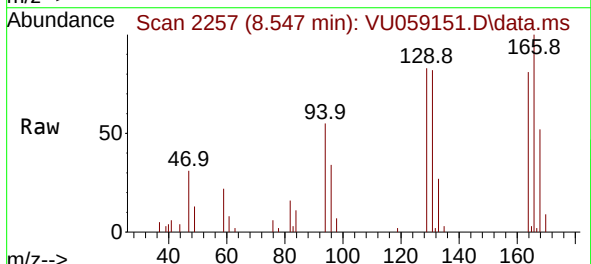
Manual Integrations
APPROVED

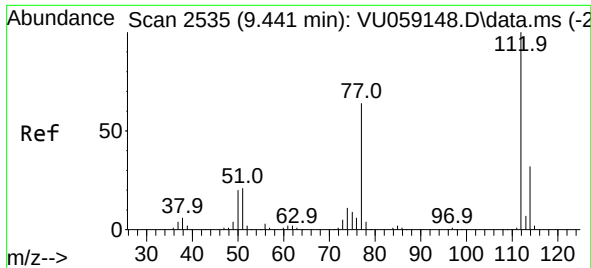
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#58
Tetrachloroethene
Concen: 0.934 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

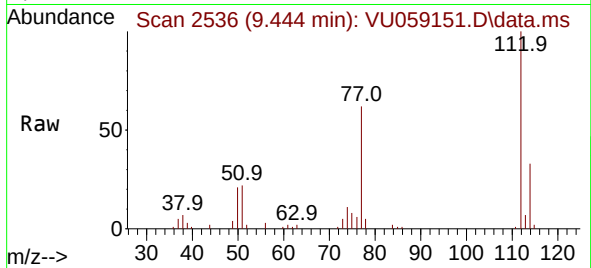
Tgt Ion:164 Resp: 10062
Ion Ratio Lower Upper
164 100
166 123.1 102.6 153.8
129 102.7 80.3 120.5
131 100.5 77.5 116.3





#59
Chlorobenzene
Concen: 0.853 ug/l
RT: 9.444 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

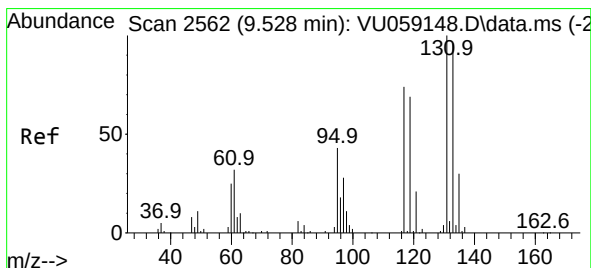
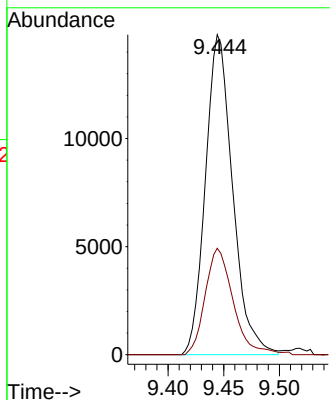
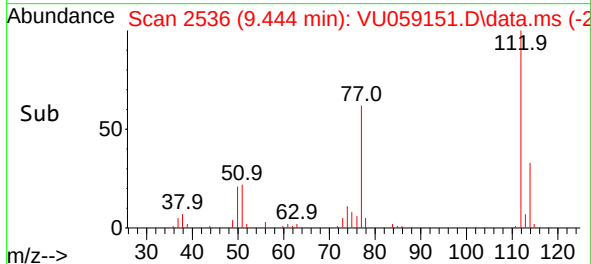
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:112 Resp: 2517
Ion Ratio Lower Upper
112 100
114 33.2 25.6 38.4

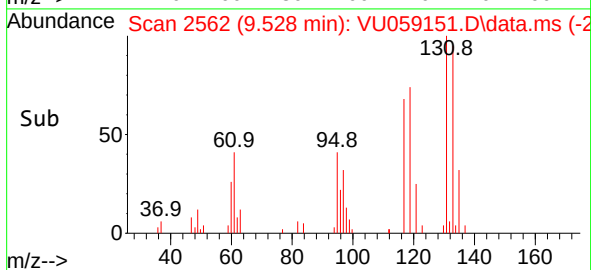
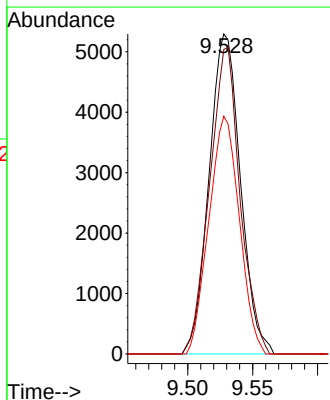
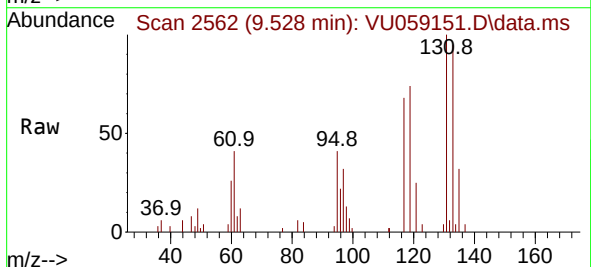
Manual Integrations
APPROVED

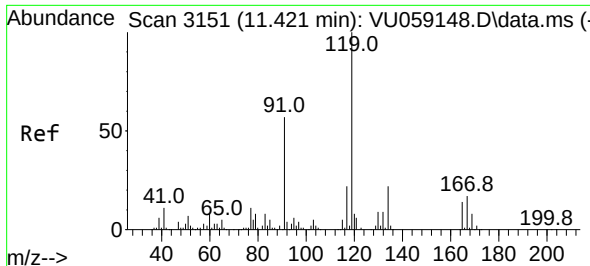
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 0.841 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

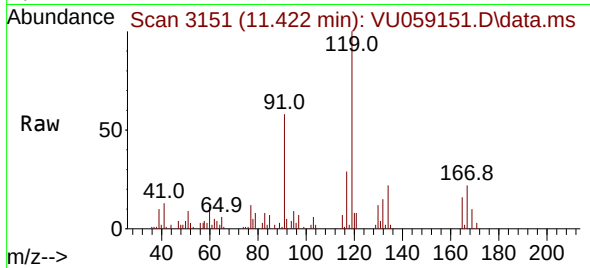
Tgt Ion:131 Resp: 8881
Ion Ratio Lower Upper
131 100
133 93.4 76.7 115.1
119 72.2 55.3 82.9





#61
Pentachloroethane
Concen: 0.844 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

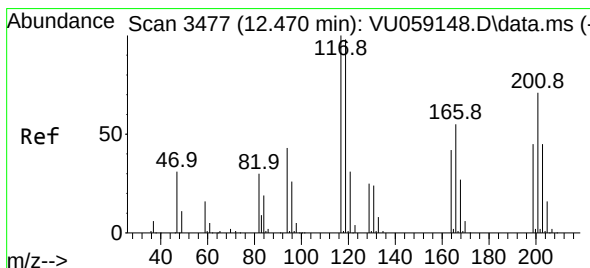
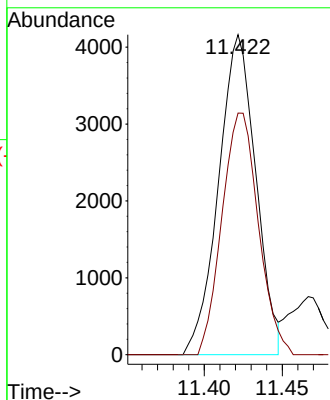
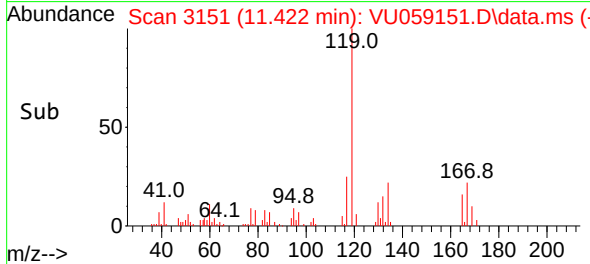
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



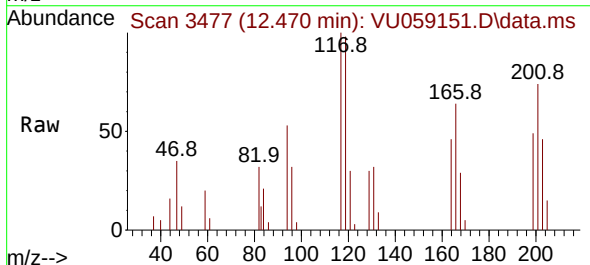
Tgt Ion:117 Resp: 6918
Ion Ratio Lower Upper
117 100
167 73.8 58.1 87.1

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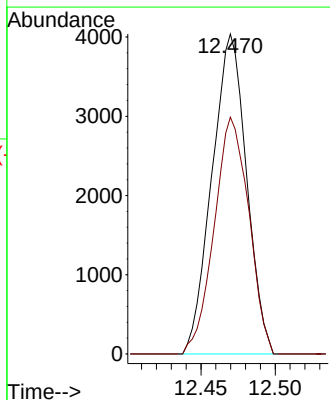
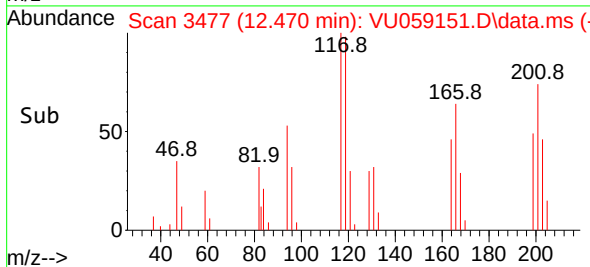
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

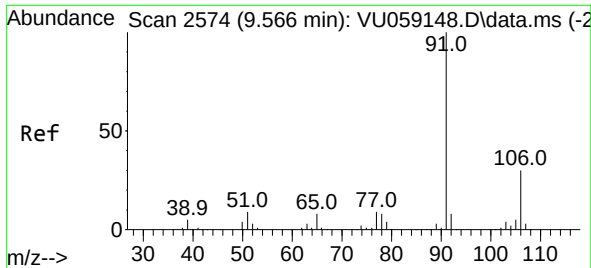


#62
Hexachloroethane
Concen: 0.785 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24



Tgt Ion:117 Resp: 6536
Ion Ratio Lower Upper
117 100
201 74.0 55.8 83.8





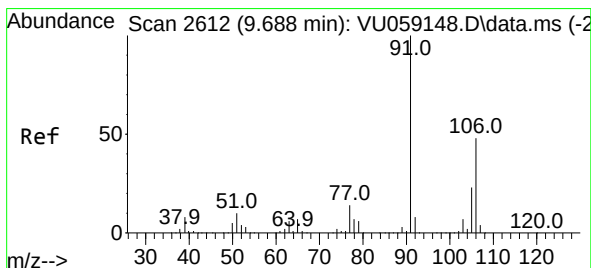
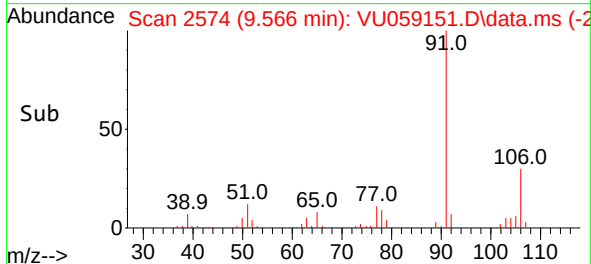
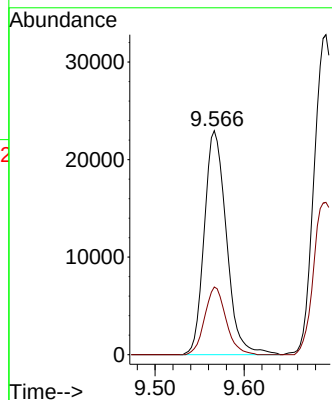
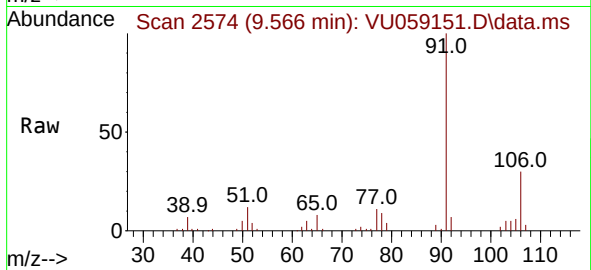
#63
Ethyl Benzene
Concen: 0.793 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 39620
Ion Ratio Lower Upper
91 100
106 30.2 23.9 35.9

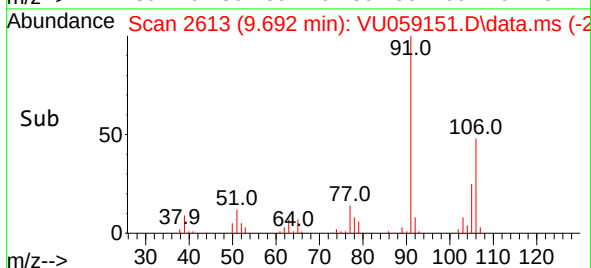
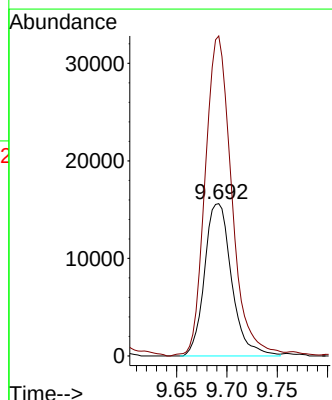
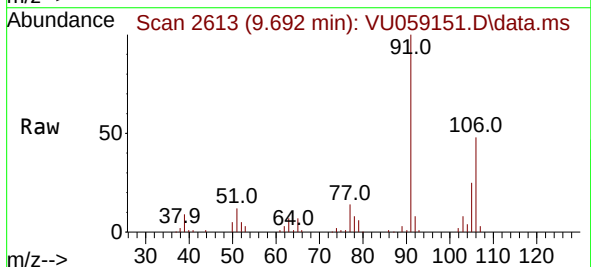
Manual Integrations
APPROVED

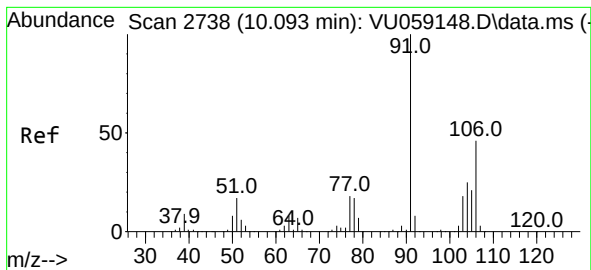
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#64
m/p-Xylenes
Concen: 1.556 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Tgt Ion:106 Resp: 29231
Ion Ratio Lower Upper
106 100
91 206.0 166.4 249.6





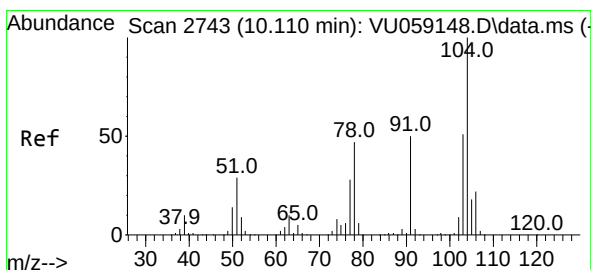
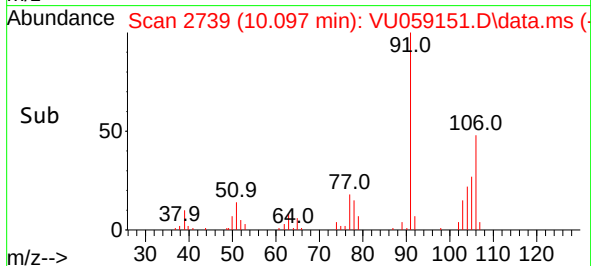
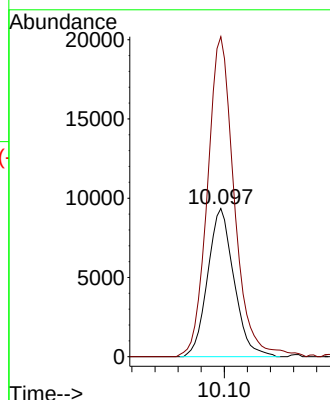
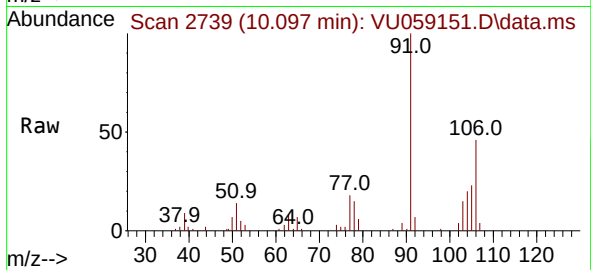
#65
o-Xylene
Concen: 0.798 ug/l
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 1477
Ion Ratio Lower Upper
106 100
91 220.0 110.7 332.1

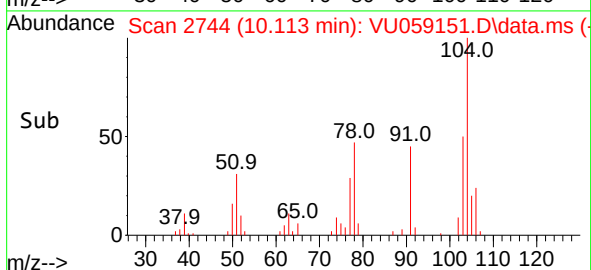
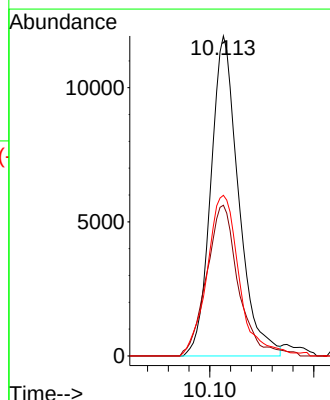
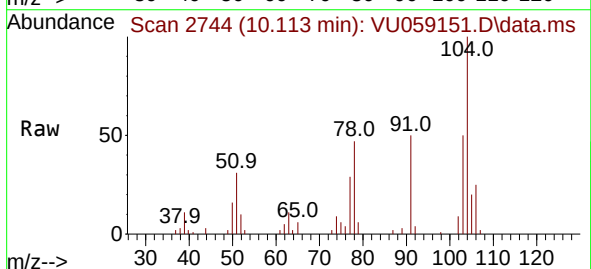
Manual Integrations
APPROVED

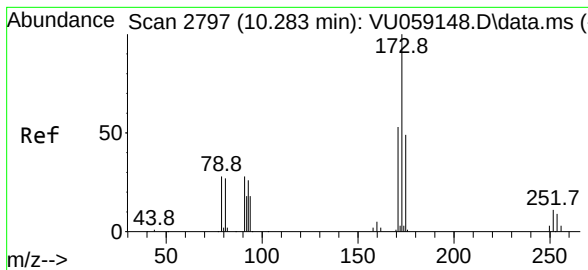
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#66
Styrene
Concen: 0.995 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

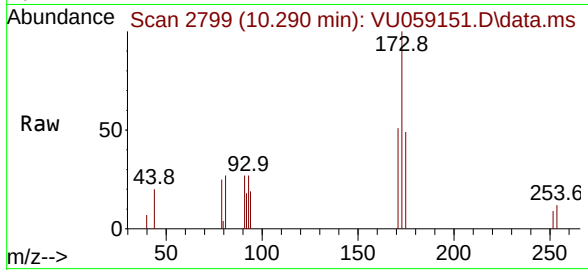
Tgt Ion:104 Resp: 22186
Ion Ratio Lower Upper
104 100
78 54.2 41.6 62.4
103 58.3 44.6 66.8





#67
Bromoform
Concen: 0.850 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

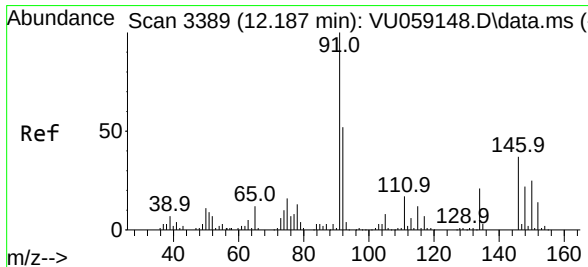
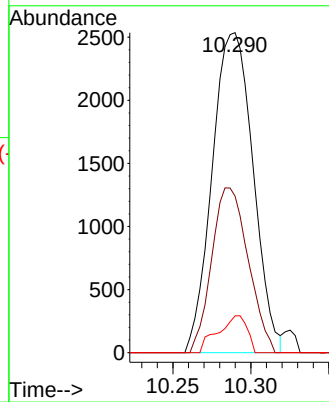
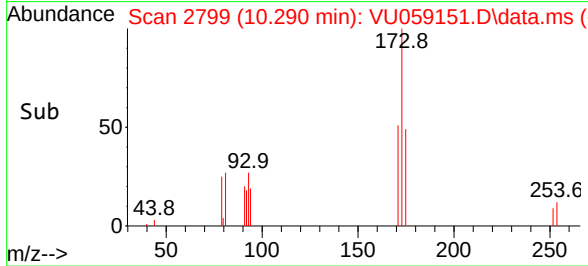
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



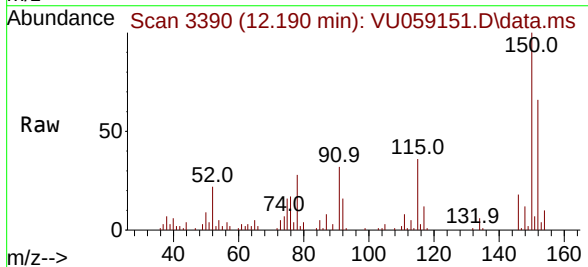
Tgt Ion:173 Resp: 4630
Ion Ratio Lower Upper
173 100
175 45.9 40.1 60.1
254 8.2 7.0 10.4

Manual Integrations
APPROVED

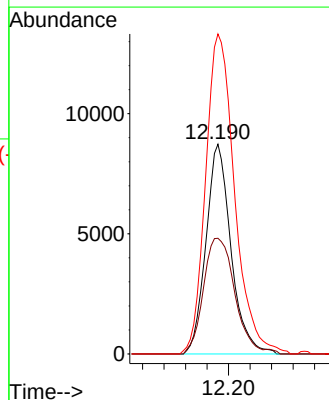
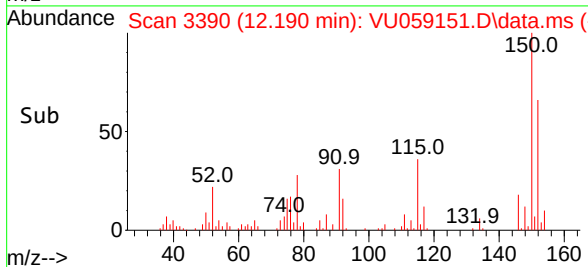
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

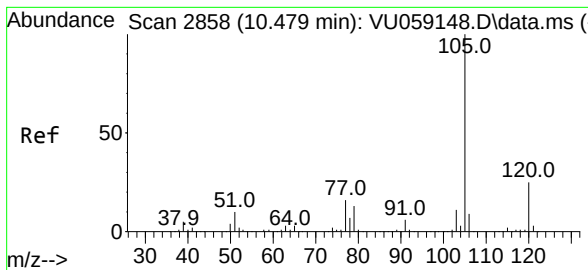


#68
1,2-Dichlorobenzene-d4
Concen: 0.932 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24



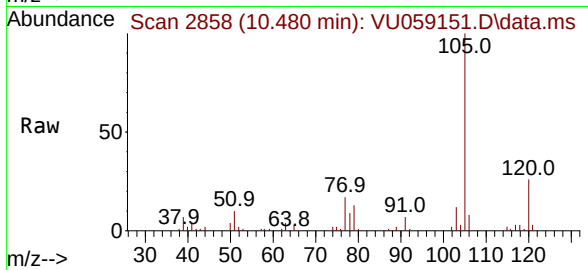
Tgt Ion:152 Resp: 14127
Ion Ratio Lower Upper
152 100
115 69.2 0.0 293.2
150 176.8 0.0 636.0





#69
Isopropylbenzene
Concen: 0.782 ug/l
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

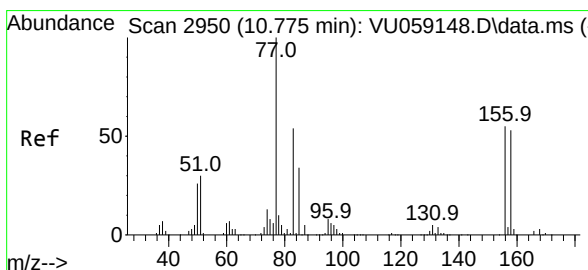
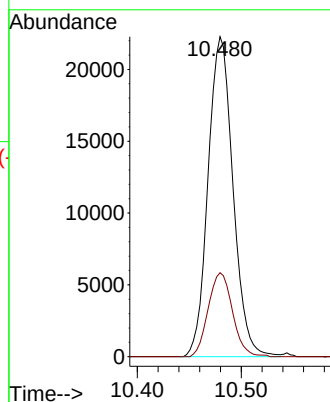
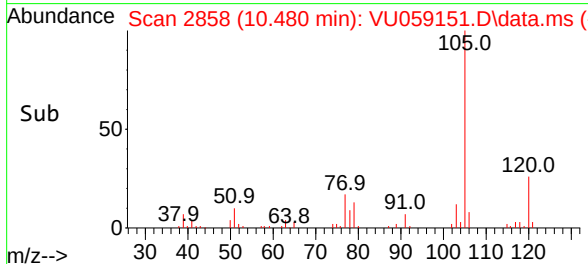
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:105 Resp: 37118
Ion Ratio Lower Upper
105 100
120 25.6 12.7 38.0

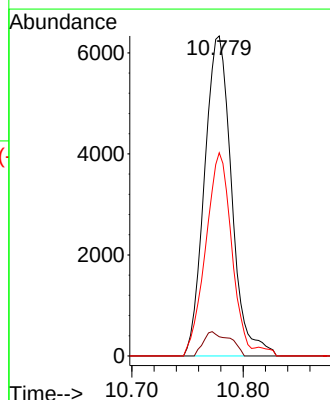
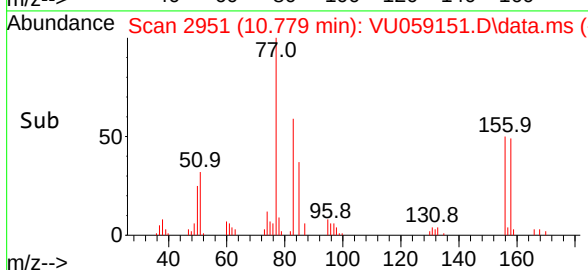
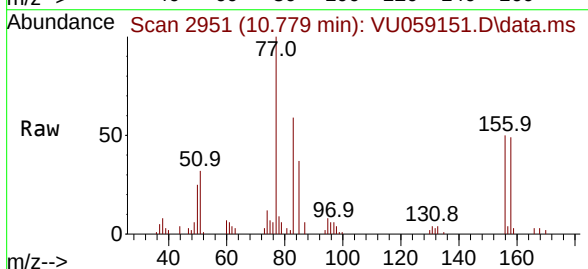
Manual Integrations
APPROVED

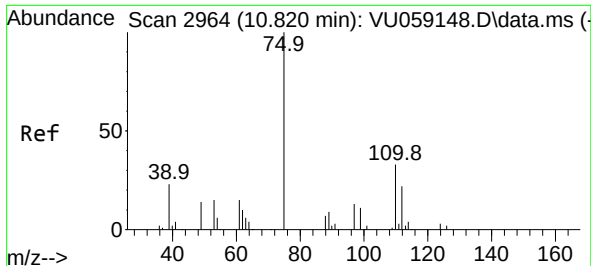
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 0.915 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

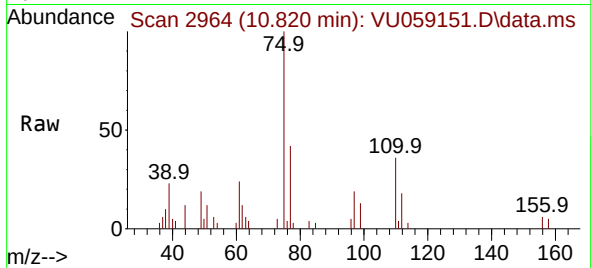
Tgt Ion: 83 Resp: 10692
Ion Ratio Lower Upper
83 100
131 7.5 6.6 10.0
85 60.9 50.1 75.1





#71
1,2,3-Trichloropropane
Concen: 0.849 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

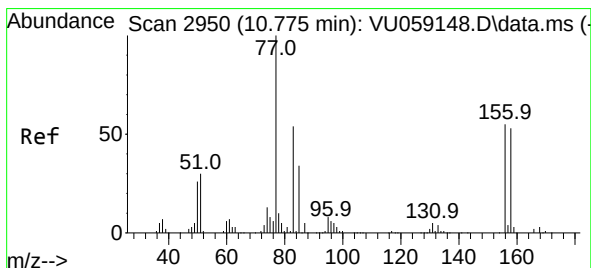
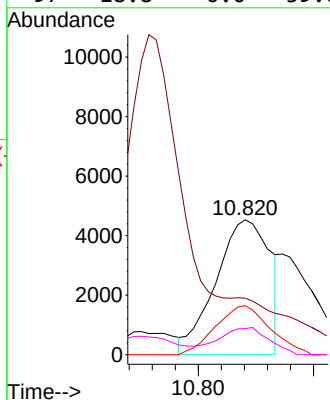
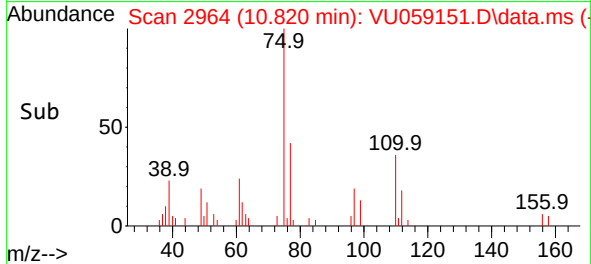
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



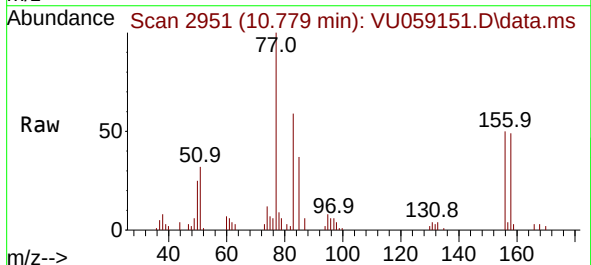
Tgt Ion: 75 Resp: 738
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 36.5 0.0 68.4
97 18.8 0.0 39.6

Manual Integrations
APPROVED

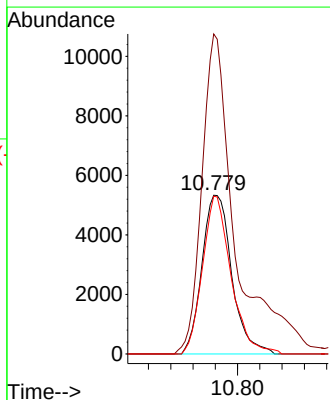
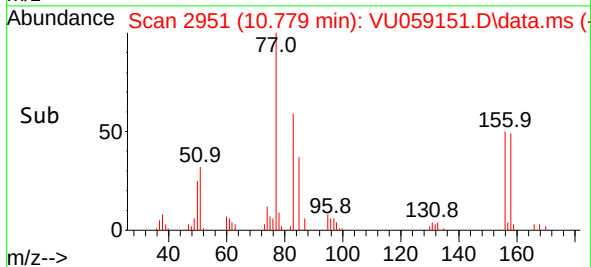
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

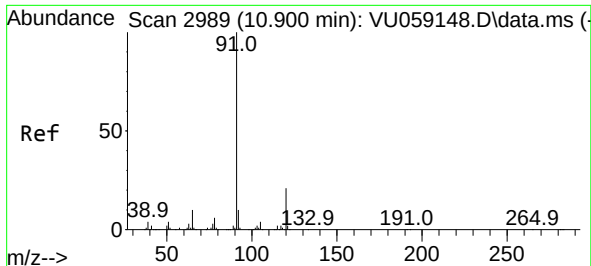


#72
Bromobenzene
Concen: 0.873 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24



Tgt Ion:156 Resp: 9926
Ion Ratio Lower Upper
156 100
77 227.7 0.0 359.6
158 95.3 0.0 192.2





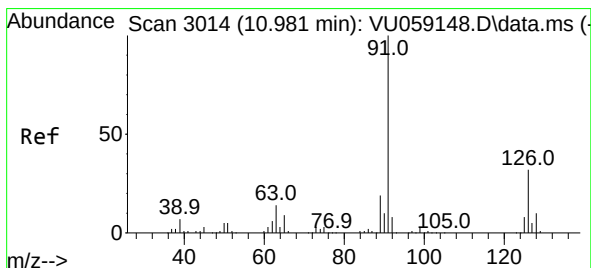
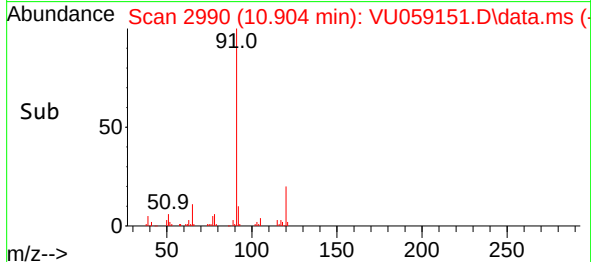
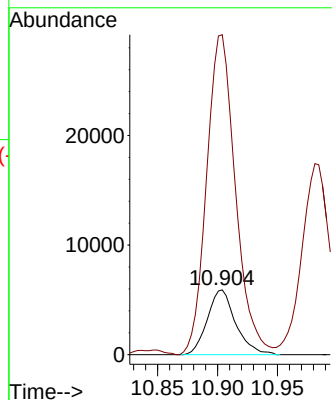
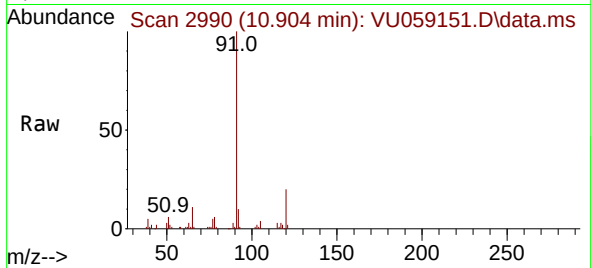
#73
n-propylbenzene
Concen: 0.986 ug/l
RT: 10.904 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:120 Resp: 9704
Ion Ratio Lower Upper
120 100
91 503.3 378.6 567.8

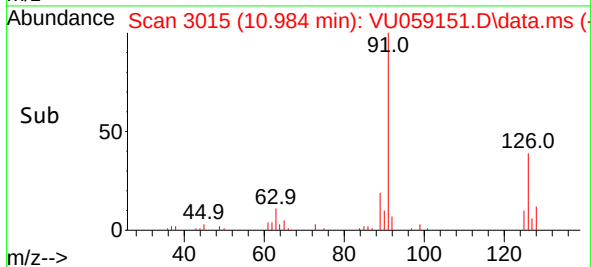
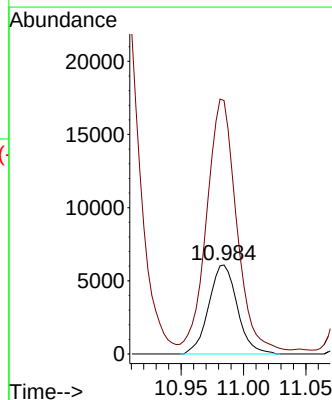
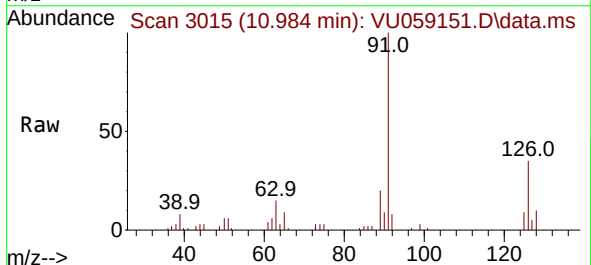
Manual Integrations
APPROVED

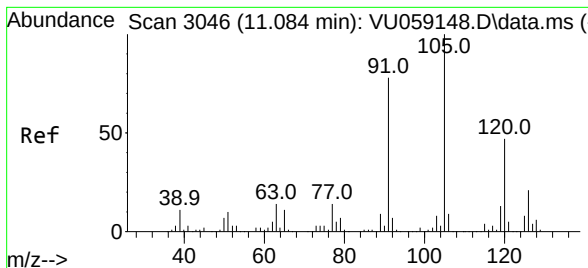
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#74
2-Chlorotoluene
Concen: 0.834 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Tgt Ion:126 Resp: 9669
Ion Ratio Lower Upper
126 100
91 296.8 0.0 627.0





#75

1,3,5-Trimethylbenzene

Concen: 0.996 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU059151.D

Acq: 05 Jun 2024 14:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 30210

Ion Ratio Lower Upper

105 100

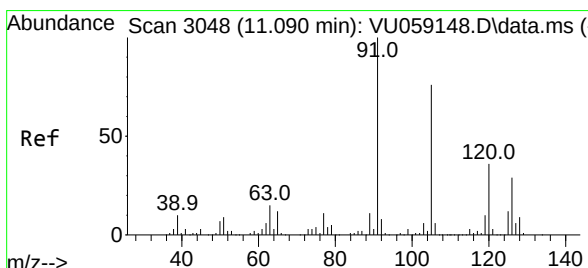
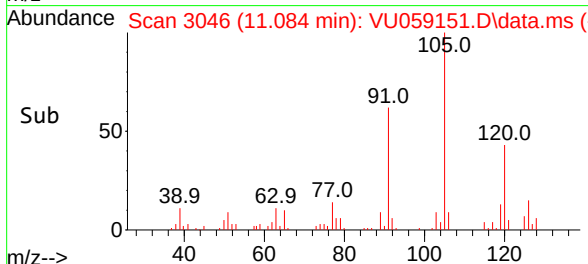
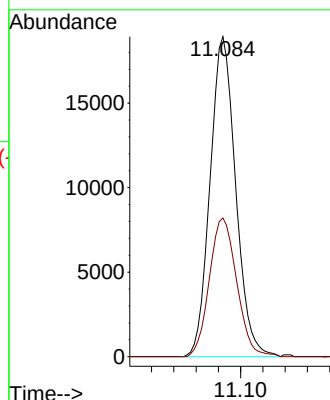
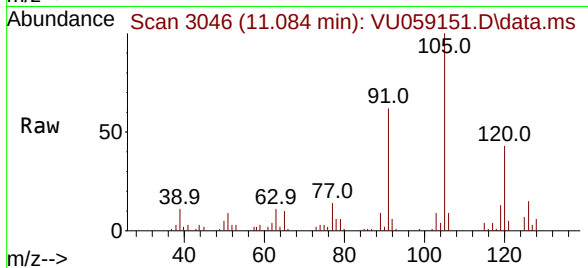
120 46.3 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#76

4-Chlorotoluene

Concen: 0.788 ug/l

RT: 11.094 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VU059151.D

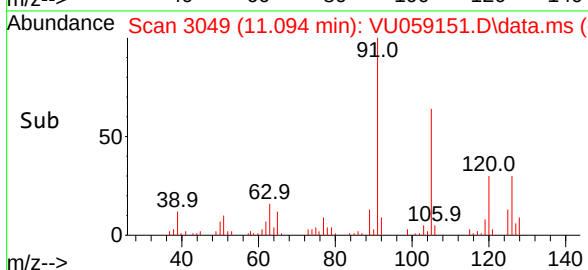
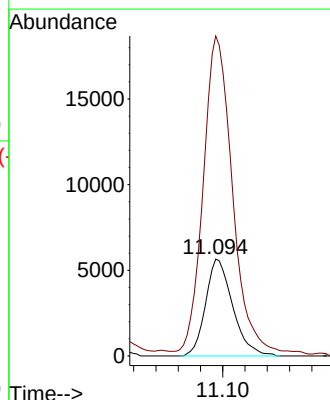
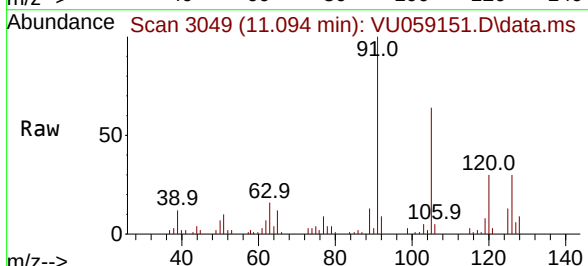
Acq: 05 Jun 2024 14:24

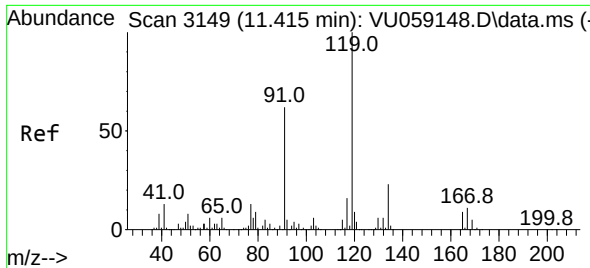
Tgt Ion:126 Resp: 9558

Ion Ratio Lower Upper

126 100

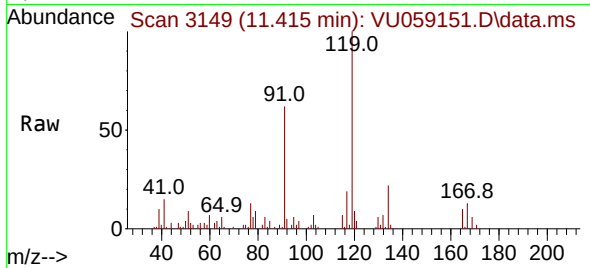
91 357.4 0.0 704.4





#77
tert-Butylbenzene
Concen: 0.795 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

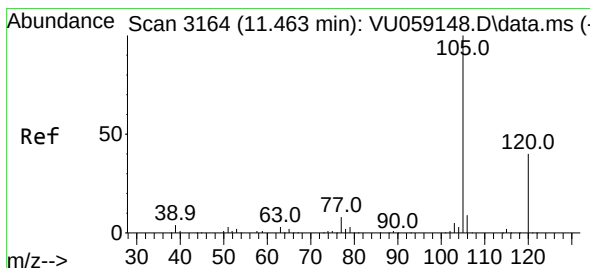
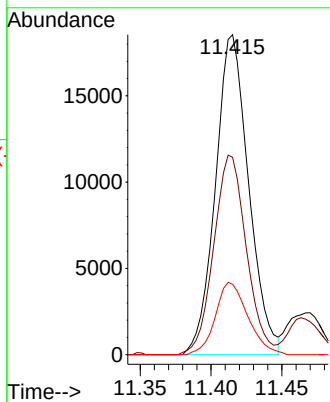
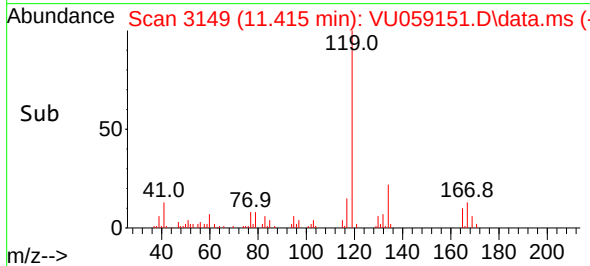
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



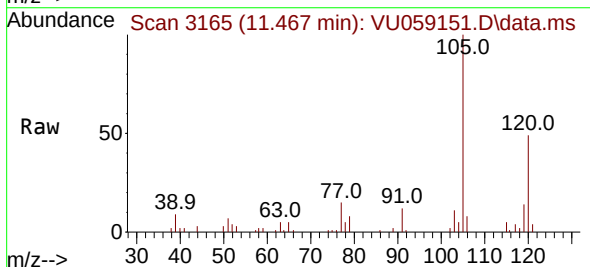
Tgt Ion:119 Resp: 3029
Ion Ratio Lower Upper
119 100
91 61.0 30.7 92.1
134 22.1 17.7 26.5

Manual Integrations
APPROVED

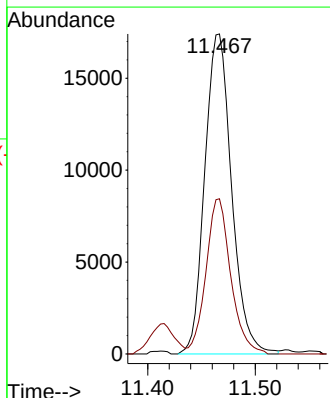
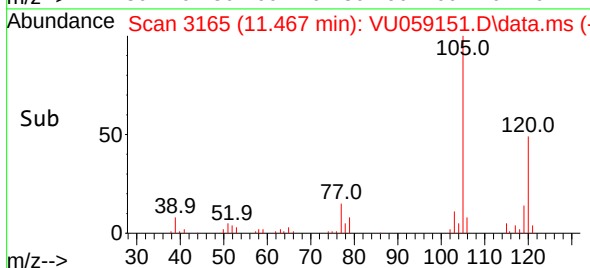
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

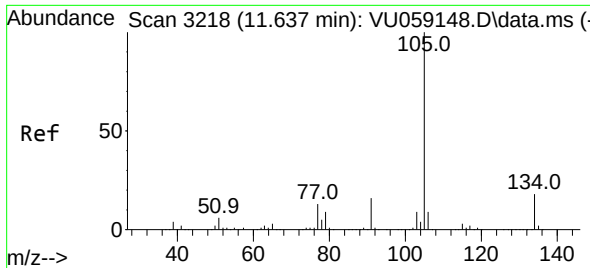


#78
1,2,4-Trimethylbenzene
Concen: 0.997 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24



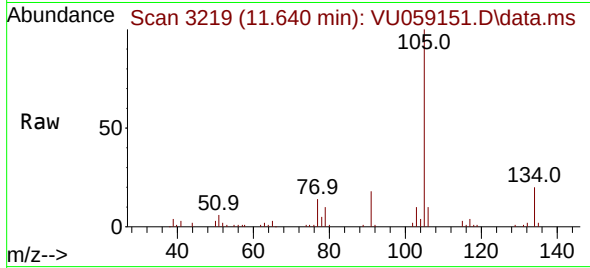
Tgt Ion:105 Resp: 30222
Ion Ratio Lower Upper
105 100
120 44.8 21.7 65.1





#79
 sec-Butylbenzene
 Concen: 0.977 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU059151.D
 Acq: 05 Jun 2024 14:24

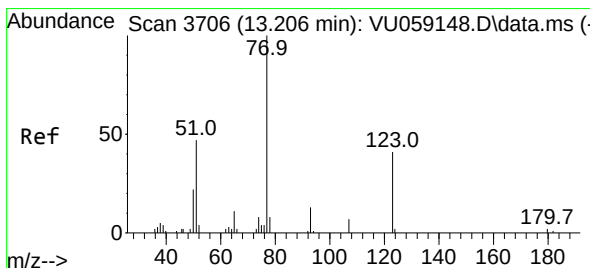
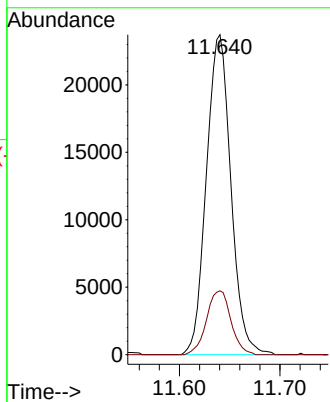
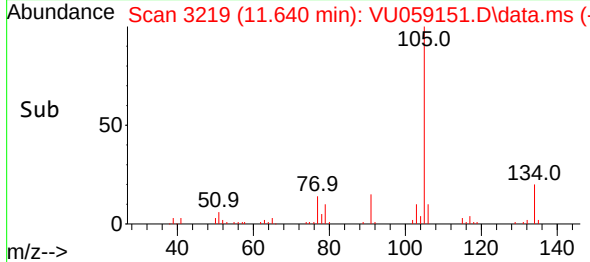
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



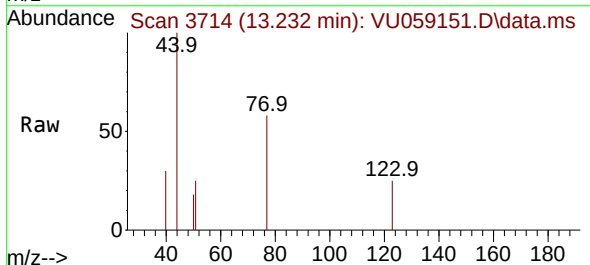
Tgt Ion:105 Resp: 40186
 Ion Ratio Lower Upper
 105 100
 134 19.8 14.5 21.7

Manual Integrations
 APPROVED

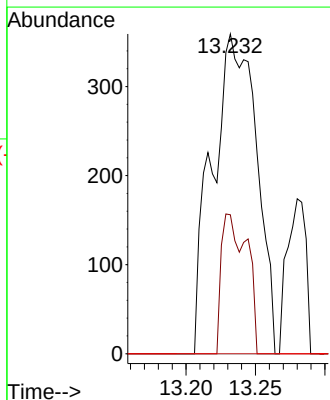
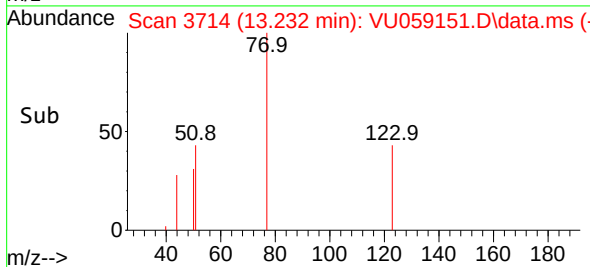
Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024

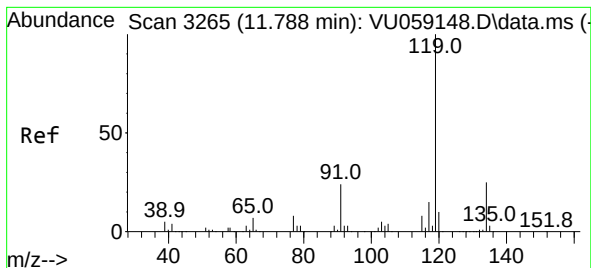


#80
 Nitrobenzene
 Concen: 5.184 ug/l m
 RT: 13.232 min Scan# 3714
 Delta R.T. 0.026 min
 Lab File: VU059151.D
 Acq: 05 Jun 2024 14:24



Tgt Ion: 77 Resp: 797
 Ion Ratio Lower Upper
 77 100
 123 0.0 18.3 64.7#
 65 0.0 10.6 13.4#





#81

p-Isopropyltoluene

Concen: 0.991 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU059151.D

Acq: 05 Jun 2024 14:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

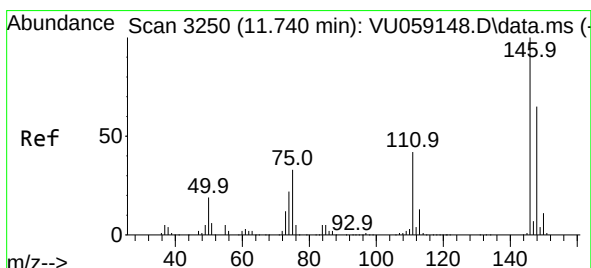
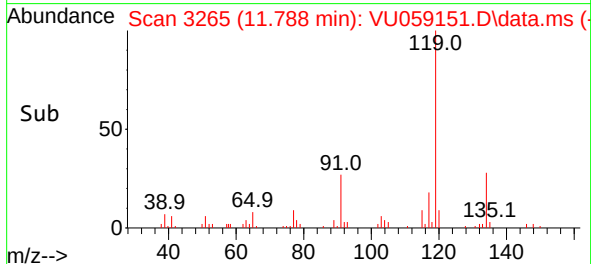
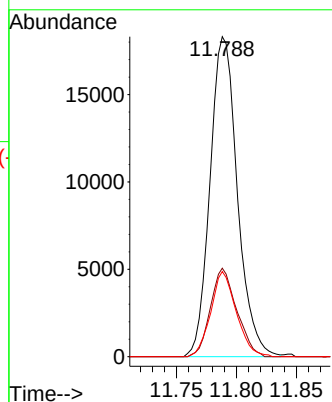
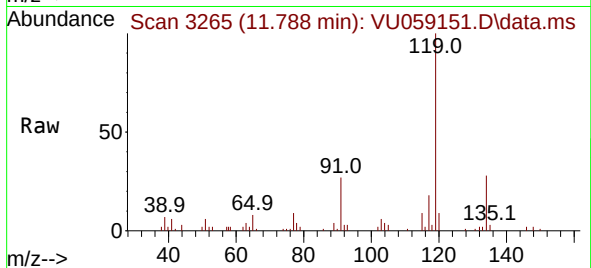
Tgt Ion:119 Resp: 29040

Ion	Ratio	Lower	Upper
119	100		
134	26.4	20.2	30.4
91	24.8	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#82

1,3-Dichlorobenzene

Concen: 0.867 ug/l

RT: 11.743 min Scan# 3251

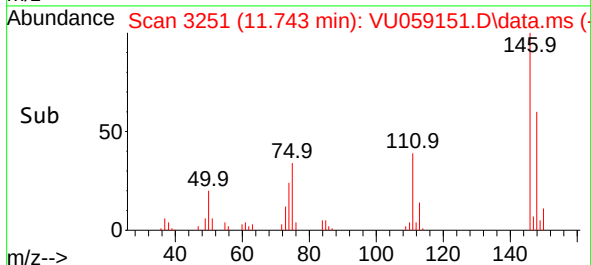
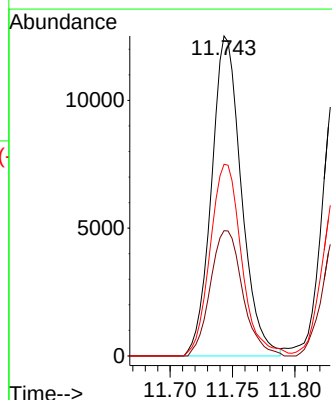
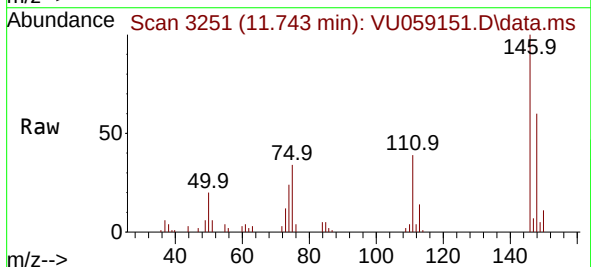
Delta R.T. 0.003 min

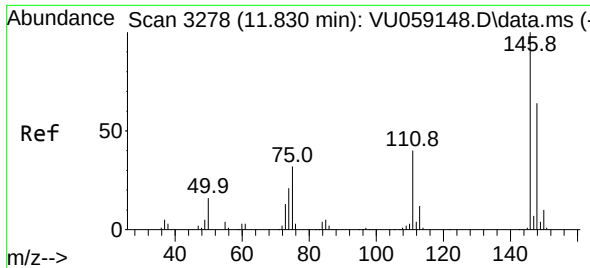
Lab File: VU059151.D

Acq: 05 Jun 2024 14:24

Tgt Ion:146 Resp: 20906

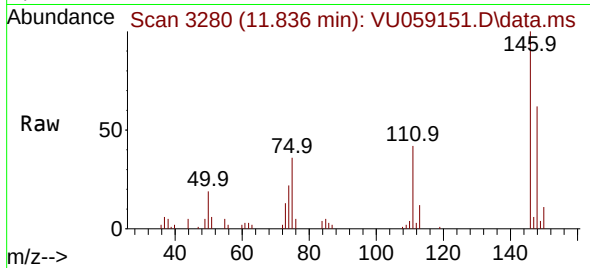
Ion	Ratio	Lower	Upper
146	100		
111	42.2	33.4	50.0
148	63.1	51.2	76.8





#83
1,4-Dichlorobenzene
Concen: 0.834 ug/l
RT: 11.836 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

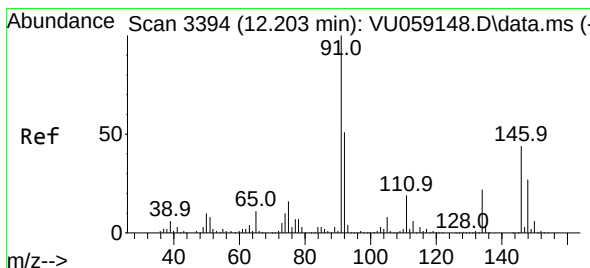
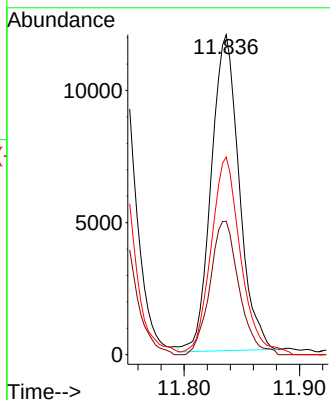
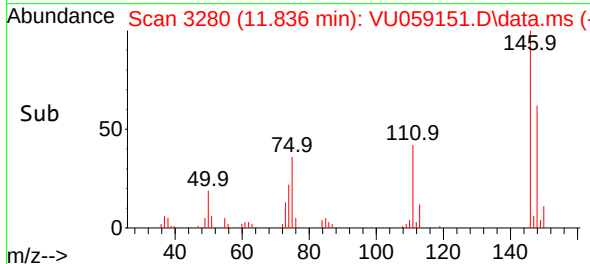
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



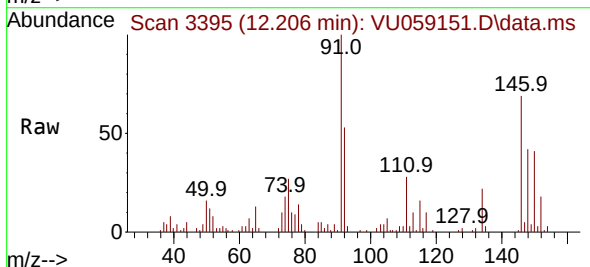
Tgt Ion:146 Resp: 20104
Ion Ratio Lower Upper
146 100
111 43.8 32.1 48.1
148 66.4 51.2 76.8

Manual Integrations
APPROVED

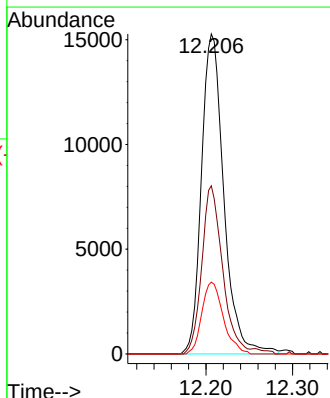
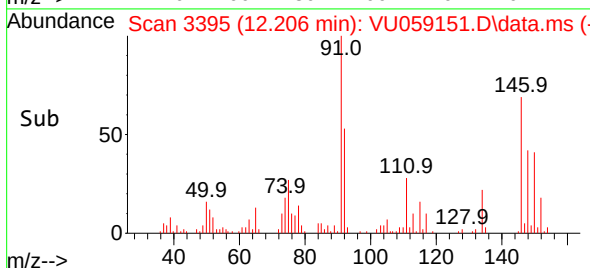
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

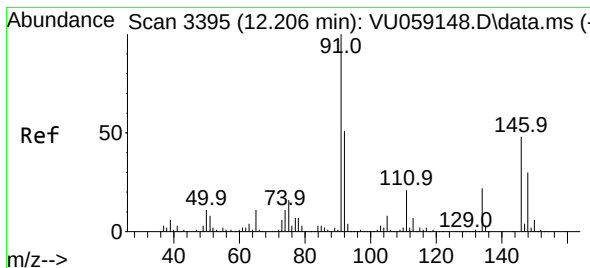


#84
n-Butylbenzene
Concen: 1.007 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24



Tgt Ion: 91 Resp: 27364
Ion Ratio Lower Upper
91 100
92 48.7 40.7 61.1
134 21.6 17.6 26.4





#85

1,2-Dichlorobenzene

Concen: 0.849 ug/l

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU059151.D

Acq: 05 Jun 2024 14:24

Instrument :

MSVOA_U

ClientSampleId :

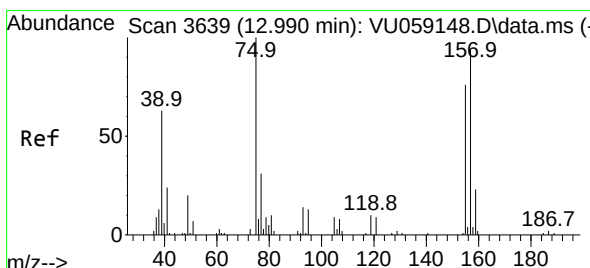
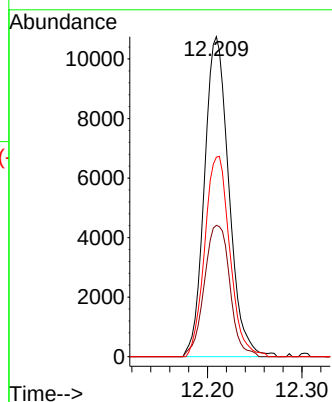
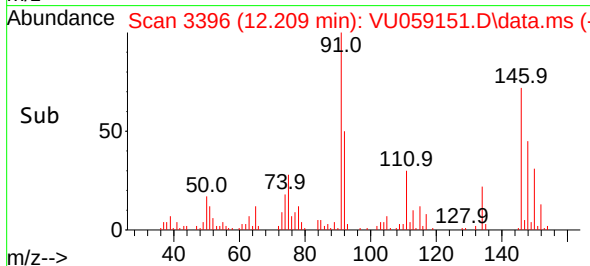
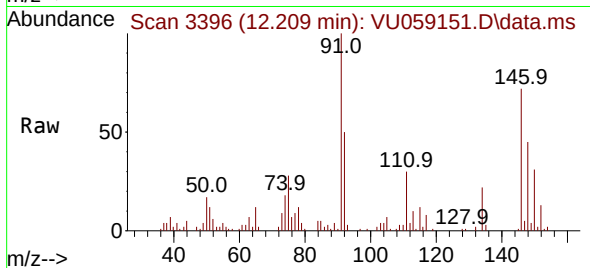
VSTDICC001

Tgt Ion:	146	Resp:	1932
Ion Ratio	Lower	Upper	
146	100		
111	42.8	21.8	65.3
148	64.1	31.3	93.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.801 ug/l

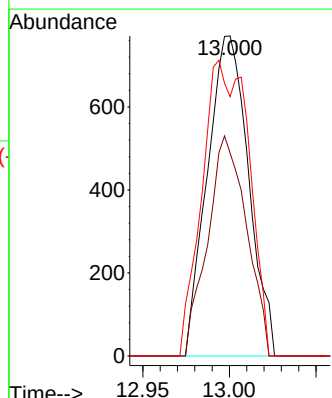
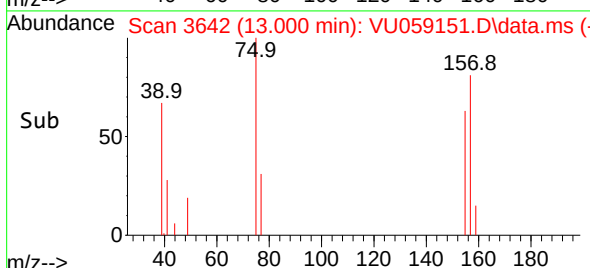
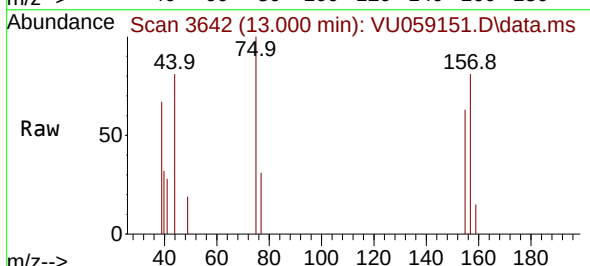
RT: 13.000 min Scan# 3642

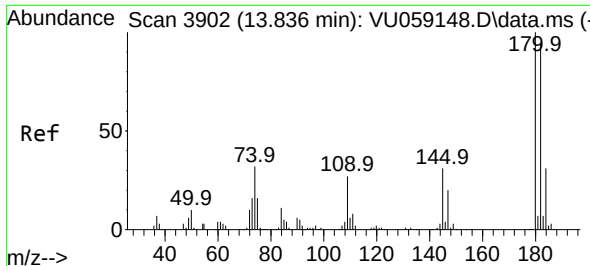
Delta R.T. 0.010 min

Lab File: VU059151.D

Acq: 05 Jun 2024 14:24

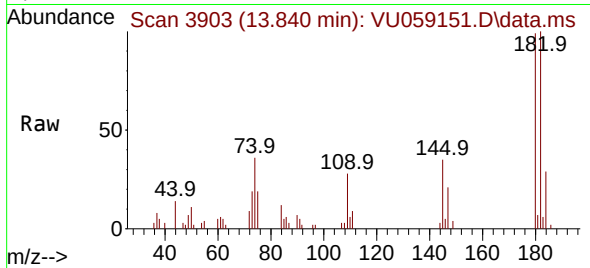
Tgt Ion:	75	Resp:	1274
Ion Ratio	Lower	Upper	
75	100		
155	65.1	61.2	91.8
157	64.1	75.8	113.6





#87
1,2,4-Trichlorobenzene
Concen: 0.845 ug/l
RT: 13.840 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

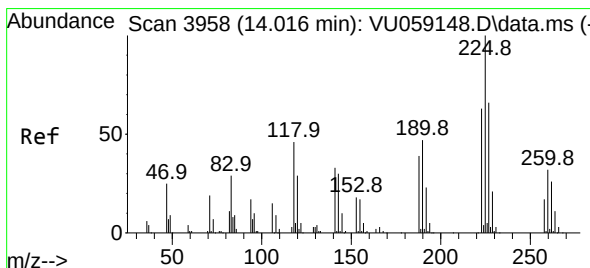
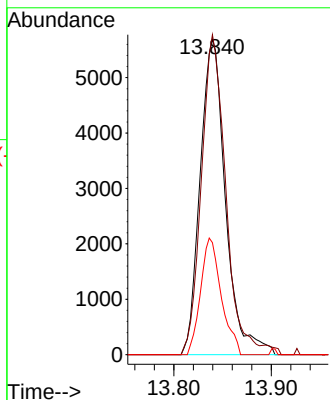
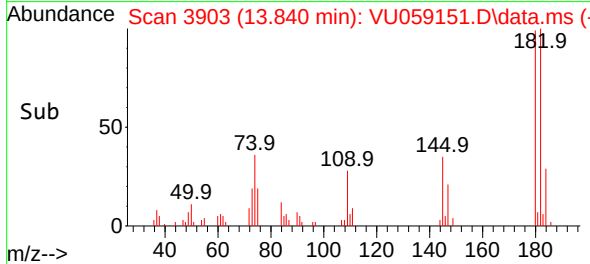
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion:180 Resp: 10280
Ion Ratio Lower Upper
180 100
182 98.1 75.7 113.5
145 30.2 24.6 36.8

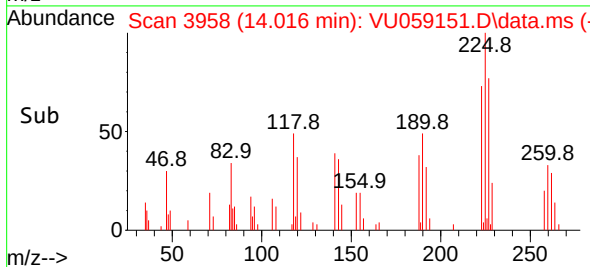
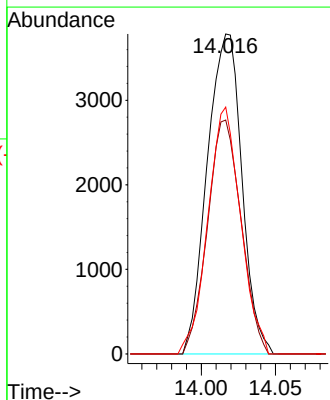
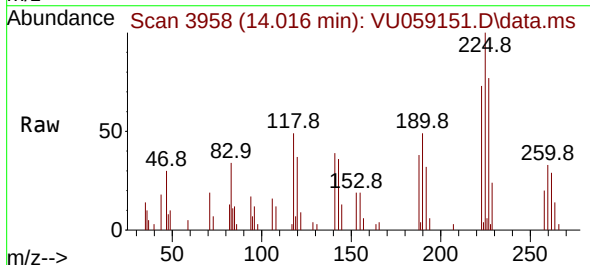
Manual Integrations
APPROVED

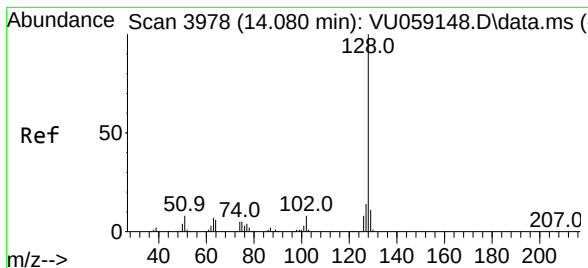
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#88
Hexachlorobutadiene
Concen: 0.807 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU059151.D
Acq: 05 Jun 2024 14:24

Tgt Ion:225 Resp: 6136
Ion Ratio Lower Upper
225 100
223 71.0 50.0 75.0
227 72.8 51.8 77.8





#89

Naphthalene

Concen: 1.063 ug/l

RT: 14.087 min Scan# 3978

Delta R.T. 0.007 min

Lab File: VU059151.D

Acq: 05 Jun 2024 14:24

Instrument :

MSVOA_U

ClientSampleId :

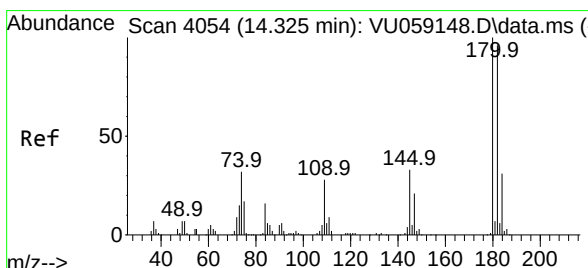
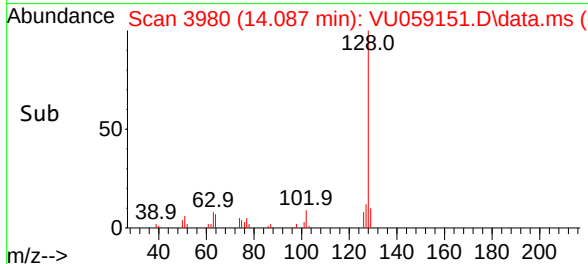
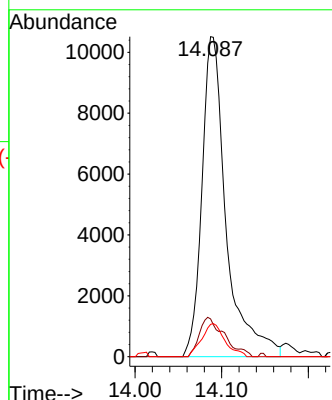
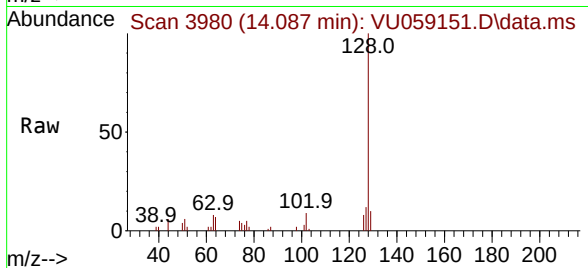
VSTDICC001

Tgt Ion:	128	Resp:	2044
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.7	16.1
129	9.8	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#90

1,2,3-Trichlorobenzene

Concen: 0.860 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU059151.D

Acq: 05 Jun 2024 14:24

Tgt Ion:	180	Resp:	9521
Ion Ratio	Lower	Upper	
180	100		
182	98.1	76.3	114.5
145	35.4	26.5	39.7

