

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043566.D
 Acq On : 05 May 2021 22:27
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Manual Integrations
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 5/7/2021 12:51:35 PM

Quant Time: May 06 06:53:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 06:50:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	92446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	156018	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	145809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	75502	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	34321	21.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	42.44%	
35) Dibromofluoromethane	5.298	113	23278	19.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.30%	
50) Toluene-d8	7.906	98	79998	19.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.20%	
62) 4-Bromofluorobenzene	10.639	95	27753	16.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	33.64%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	24573	24.41	ug/l	97
3) Chloromethane	1.520	50	30827	25.17	ug/l	100
4) Vinyl Chloride	1.607	62	26844	24.16	ug/l	97
5) Bromomethane	1.845	94	16196	26.39	ug/l	100
6) Chloroethane	1.928	64	16255	19.55	ug/l	96
7) Trichlorofluoromethane	2.137	101	37512	20.62	ug/l	99
8) Diethyl Ether	2.382	74	13462	22.60	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	21024	22.22	ug/l	97
10) Methyl Iodide	2.726	142	23851	19.42	ug/l	99
11) Tert butyl alcohol	3.189	59	41791	101.53	ug/l	98
12) 1,1-Dichloroethene	2.584	96	20024	22.03	ug/l	96
13) Acrolein	2.491	56	18794	83.92	ug/l	99
14) Allyl chloride	2.928	41	49487	22.25	ug/l	99
15) Acrylonitrile	3.317	53	84720	96.28	ug/l	100
16) Acetone	2.629	43	95151	95.51	ug/l	99
17) Carbon Disulfide	2.797	76	62843	22.42	ug/l	100
18) Methyl Acetate	2.954	43	44555	21.88	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	68426	19.50	ug/l	99
20) Methylene Chloride	3.051	84	25981	22.42	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	21795	20.65	ug/l	89
22) Diisopropyl ether	4.002	45	86519	20.69	ug/l	97
23) Vinyl Acetate	3.964	43	436015	106.74	ug/l	100
24) 1,1-Dichloroethane	3.877	63	49558	23.03	ug/l	99
25) 2-Butanone	4.710	43	144895	99.77	ug/l	100
26) 2,2-Dichloropropane	4.674	77	33370	18.61	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	25912	21.67	ug/l	99
28) Bromochloromethane	4.980	49	24993	22.86	ug/l	98
29) Tetrahydrofuran	5.057	42	84698	93.93	ug/l	99
30) Chloroform	5.096	83	47858	21.39	ug/l	99
31) Cyclohexane	5.395	56	39630	20.01	ug/l	97
32) 1,1,1-Trichloroethane	5.324	97	41472	21.15	ug/l	99
36) 1,1-Dichloropropene	5.536	75	33294	19.74	ug/l	98
37) Ethyl Acetate	4.809	43	54581	18.89	ug/l	99
38) Carbon Tetrachloride	5.533	117	33338	18.73	ug/l	99
39) Methylcyclohexane	6.771	83	30573	16.93	ug/l	97
40) Benzene	5.784	78	99388	20.47	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	28738	18.86	ug/l	98
42) 1,2-Dichloroethane	5.803	62	43918	20.47	ug/l	98
43) Isopropyl Acetate	5.919	43	80768	19.60	ug/l	99
44) Trichloroethene	6.549	130	23377	19.22	ug/l	100
45) 1,2-Dichloropropane	6.800	63	28513	20.99	ug/l	100
46) Dibromomethane	6.925	93	18722	19.67	ug/l	98
47) Bromodichloromethane	7.112	83	37853	20.16	ug/l	97
48) Methyl methacrylate	6.967	41	39391	19.09	ug/l	99
49) 1,4-Dioxane	6.973	88	13386	337.68	ug/l	98
51) 4-Methyl-2-Pentanone	7.796	43	277887	92.02	ug/l	99
52) Toluene	7.976	92	58345	19.61	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	38623	18.78	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	40057	19.07	ug/l	97
55) 1,1,2-Trichloroethane	8.407	97	24747	19.37	ug/l	99
56) Ethyl methacrylate	8.340	69	37400	17.99	ug/l	99
57) 1,3-Dichloropropane	8.581	76	43865	19.76	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	53309	74.67	ug/l	99
59) 2-Hexanone	8.690	43	217988	88.48	ug/l	99
60) Dibromochloromethane	8.816	129	26283	18.15	ug/l	100
61) 1,2-Dibromoethane	8.931	107	27117	19.00	ug/l	100
64) Tetrachloroethene	8.562	164	22270	20.54	ug/l	93
65) Chlorobenzene	9.455	112	59668	18.83	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.542	131	23003	19.04	ug/l	97
67) Ethyl Benzene	9.578	91	107911	18.78	ug/l	99
68) m/p-Xylenes	9.700	106	80093	37.78	ug/l	98
69) o-Xylene	10.108	106	38679	18.73	ug/l	98
70) Styrene	10.121	104	65453	18.78	ug/l	99
71) Bromoform	10.298	173	20834	17.04	ug/l #	99
73) Isopropylbenzene	10.491	105	102836	19.68	ug/l	98
74) N-amyl acetate	10.327	43	61307	18.21	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	44678	19.62	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	43021m	18.84	ug/l	
77) Bromobenzene	10.790	156	26547	18.48	ug/l	98
78) n-propylbenzene	10.912	91	126393	20.09	ug/l	100
79) 2-Chlorotoluene	10.992	91	76929	20.13	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	90029	19.64	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	12065	16.19	ug/l	98
82) 4-Chlorotoluene	11.102	91	91123	19.94	ug/l	99
83) tert-Butylbenzene	11.426	119	84030	18.76	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	89371	19.02	ug/l	100
85) sec-Butylbenzene	11.652	105	105161	19.72	ug/l	99
86) p-Isopropyltoluene	11.799	119	89554	18.54	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	48830	18.77	ug/l	98
88) 1,4-Dichlorobenzene	11.841	146	49838	18.39	ug/l	98
89) n-Butylbenzene	12.214	91	80529	17.80	ug/l	99
90) Hexachloroethane	12.481	117	13619	15.61	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	49867	18.70	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	11374	17.99	ug/l	96
93) 1,2,4-Trichlorobenzene	13.848	180	30919	17.25	ug/l	98
94) Hexachlorobutadiene	14.028	225	15406	16.22	ug/l	97
95) Naphthalene	14.092	128	96808	17.58	ug/l	98
96) 1,2,3-Trichlorobenzene	14.336	180	32245	18.24	ug/l	99

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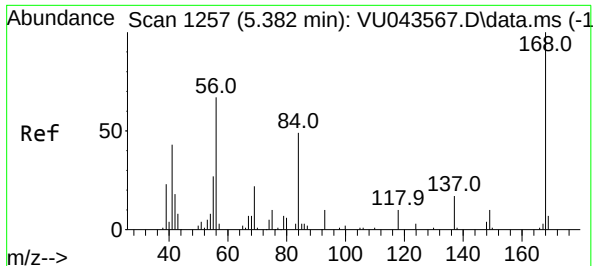
Manual Integrations
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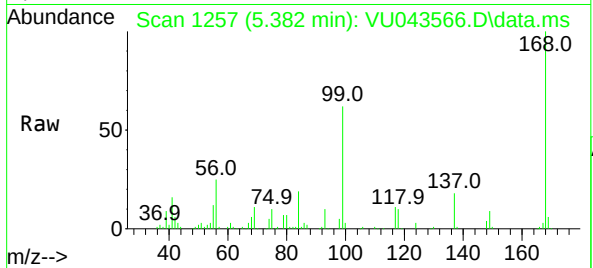
Quant Time: May 06 06:53:14 2021
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Quant Title : SW846 8260
QLast Update : Thu May 06 06:50:57 2021
Response via : Initial Calibration

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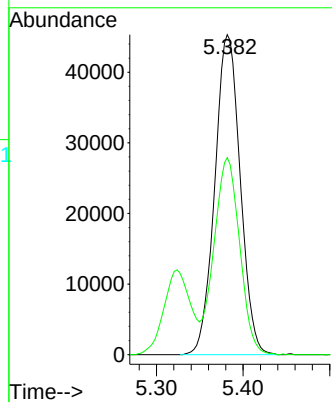
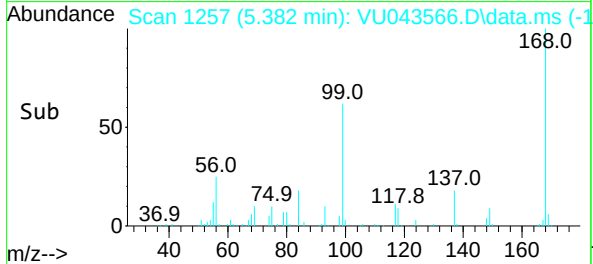
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



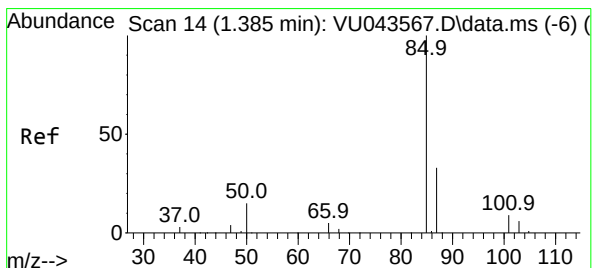
Tgt Ion: 168 Resp: 92446
Ion Ratio Lower Upper
168 100
99 61.6 49.0 73.6



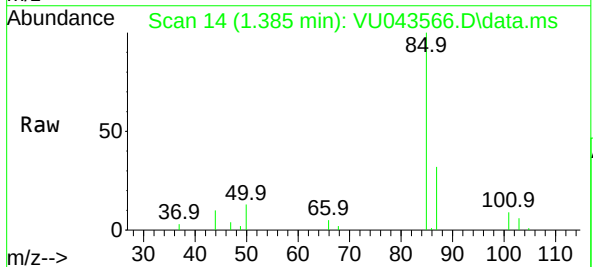
Instrument :
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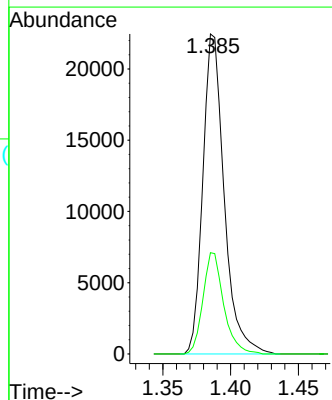
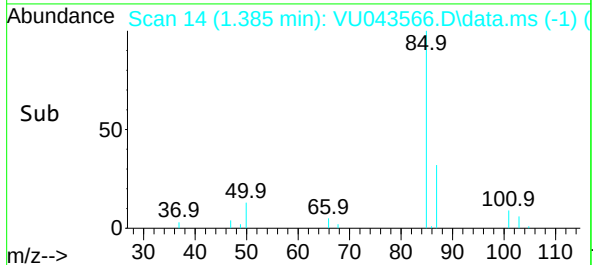
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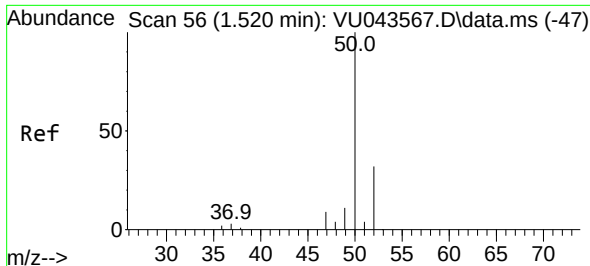


#2
Dichlorodifluoromethane
Concen: 24.41 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

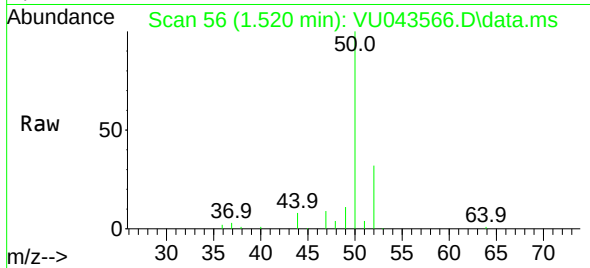


Tgt Ion: 85 Resp: 24573
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.1

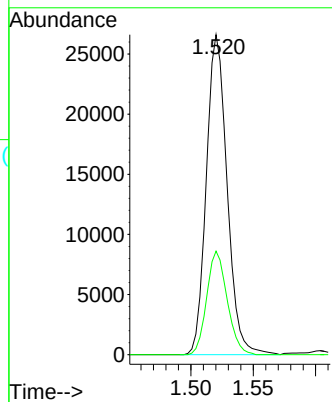
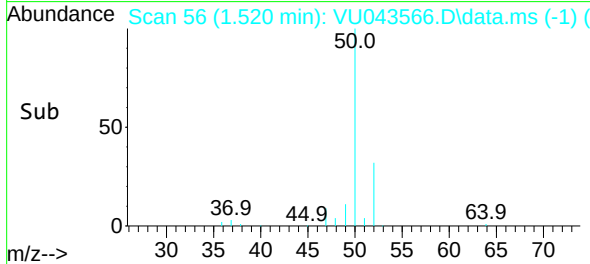




#3
Chloromethane
Concen: 25.17 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



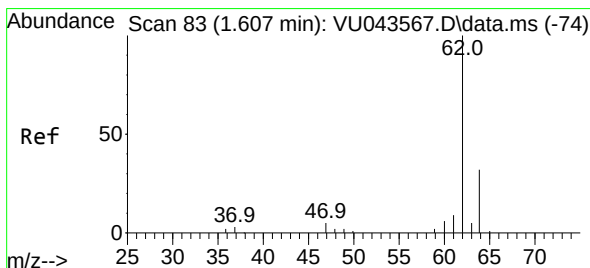
Tgt Ion: 50 Resp: 30827
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9



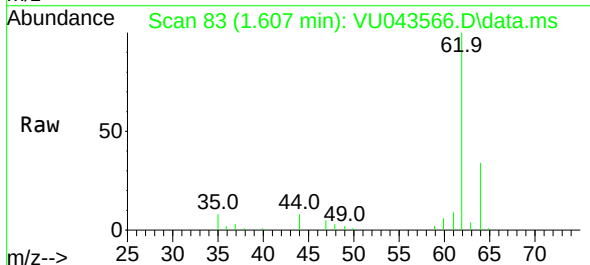
Instrument :
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ClientSampleId :
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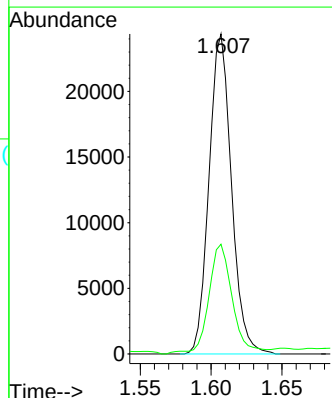
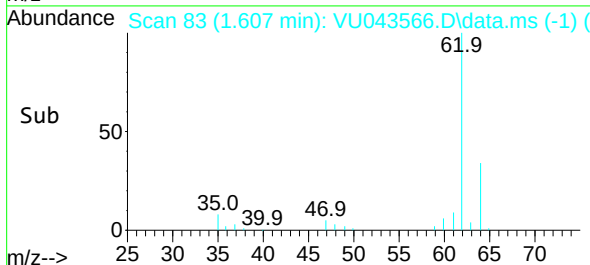
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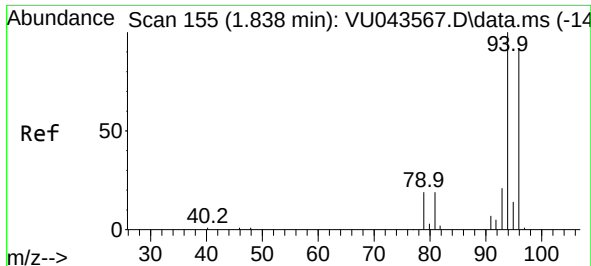


#4
Vinyl Chloride
Concen: 24.16 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

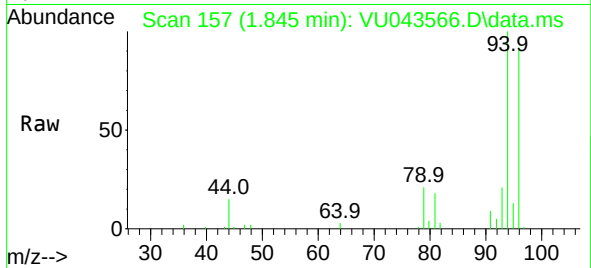


Tgt Ion: 62 Resp: 26844
Ion Ratio Lower Upper
62 100
64 33.4 25.4 38.2

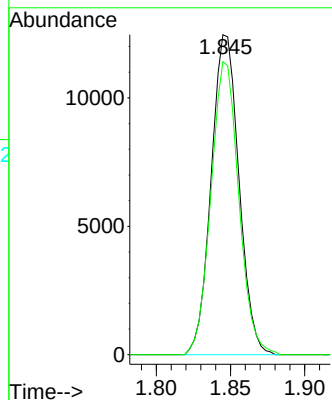




#5
Bromomethane
Concen: 26.39 ug/l
RT: 1.845 min Scan# 157
Delta R.T. 0.006 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



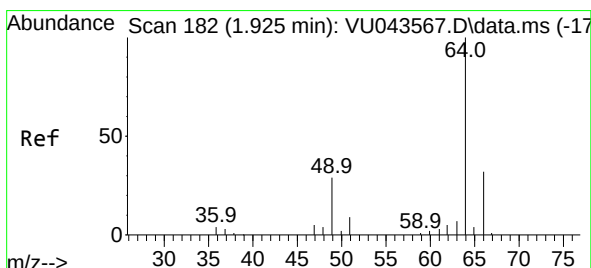
Tgt Ion: 94 Resp: 16196
Ion Ratio Lower Upper
94 100
96 91.6 73.3 109.9



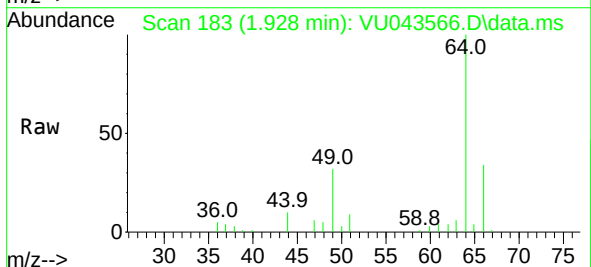
Instrument :
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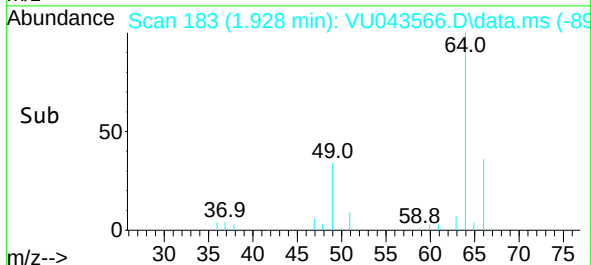
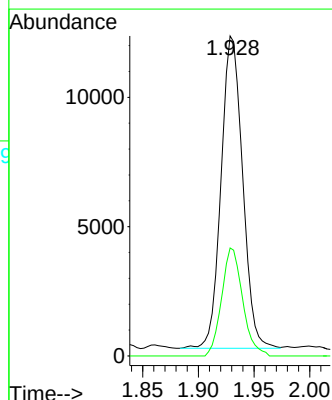
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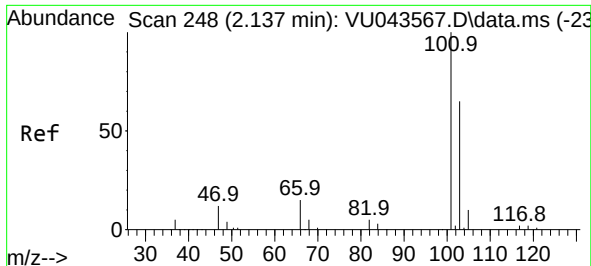


#6
Chloroethane
Concen: 19.55 ug/l
RT: 1.928 min Scan# 183
Delta R.T. 0.003 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



Tgt Ion: 64 Resp: 16255
Ion Ratio Lower Upper
64 100
66 34.6 25.7 38.5





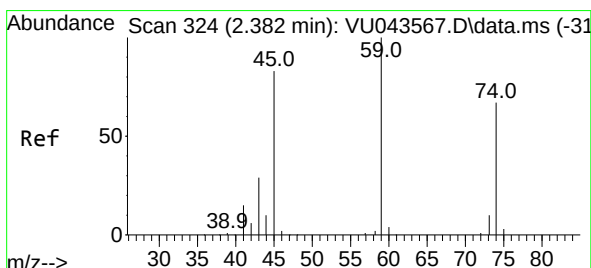
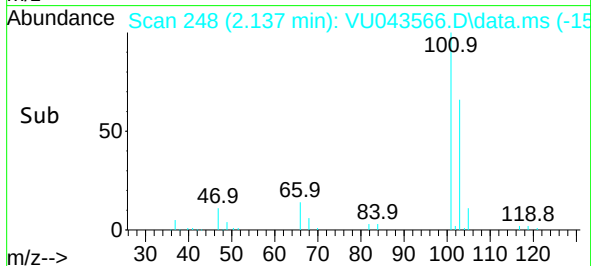
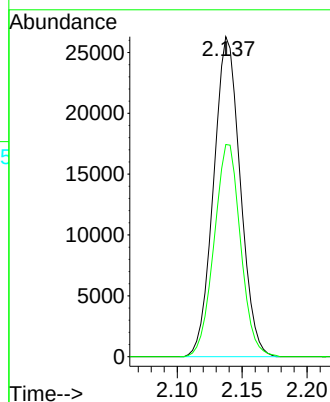
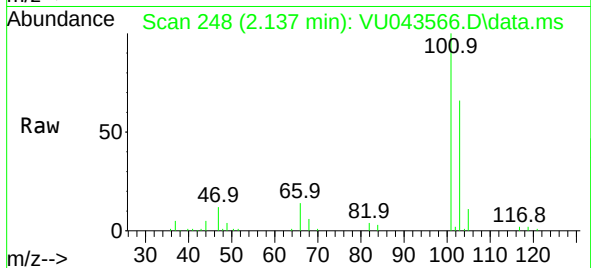
#7
Trichlorofluoromethane
Concen: 20.62 ug/l
RT: 2.137 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion: 101 Resp: 37512
Ion Ratio Lower Upper
101 100
103 66.3 52.3 78.5

Instrument :
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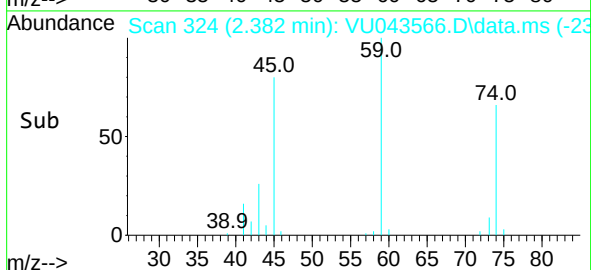
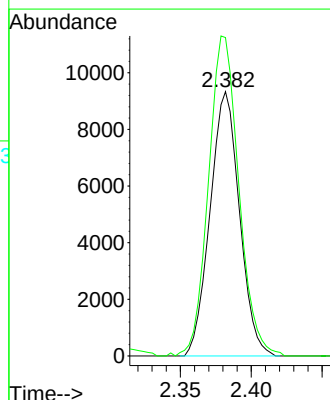
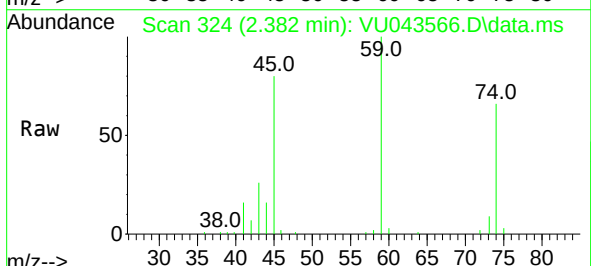
Manual Integrations
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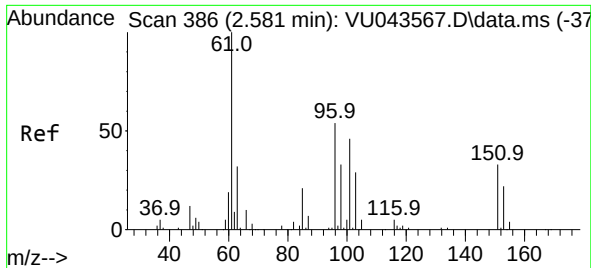
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#8
Diethyl Ether
Concen: 22.60 ug/l
RT: 2.382 min Scan# 324
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion: 74 Resp: 13462
Ion Ratio Lower Upper
74 100
45 124.9 62.6 187.8





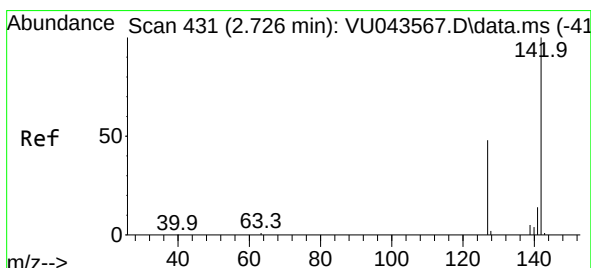
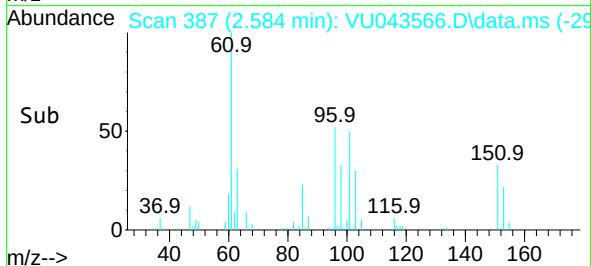
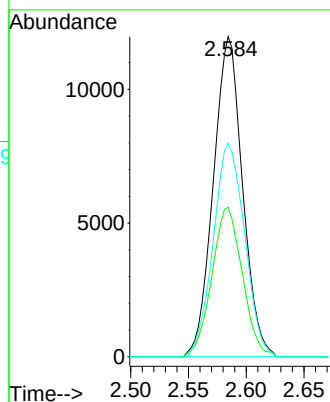
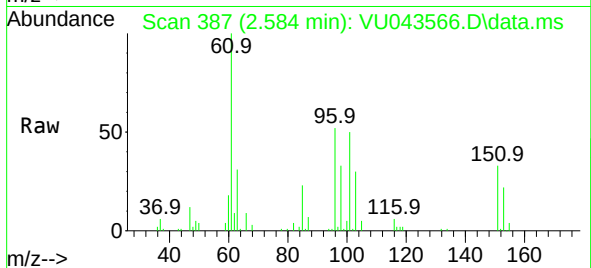
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1,1,2-Trichlorotrifluoroethane
Concen: 22.22 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU043566.D
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Tgt Ion:	101	Resp:	21024
Ion Ratio	Lower	Upper	
101	100		
85	48.6	37.3	55.9
151	71.9	59.4	89.0

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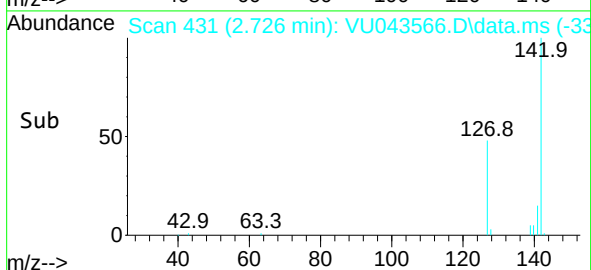
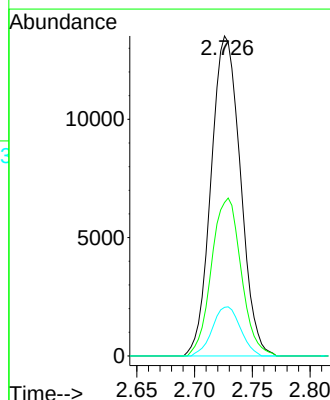
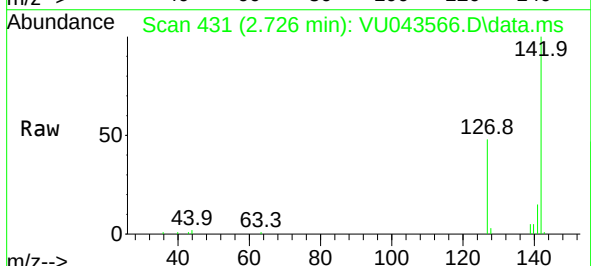
Manual Integrations
APPROVED

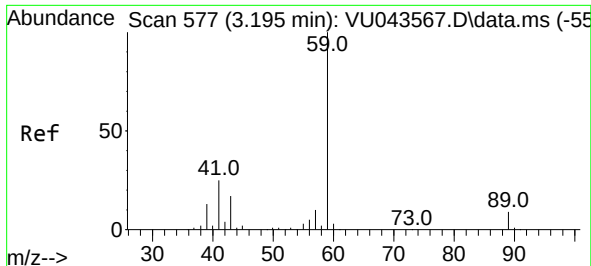
MMDadoda
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#10
Methyl Iodide
Concen: 19.42 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion:	142	Resp:	23851
Ion Ratio	Lower	Upper	
142	100		
127	49.9	38.9	58.3
141	14.7	11.8	17.6





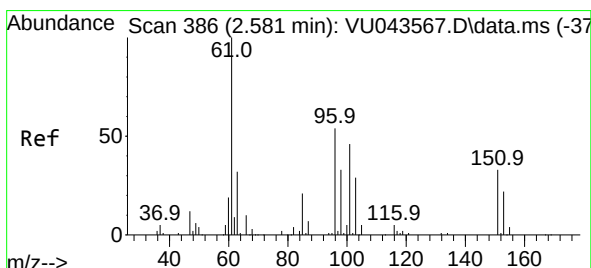
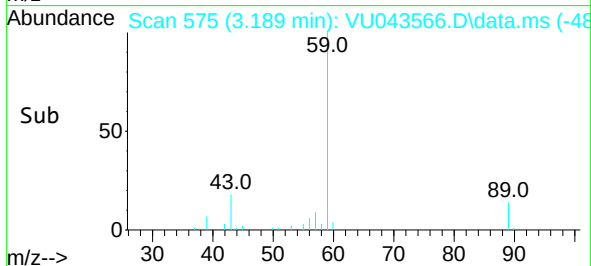
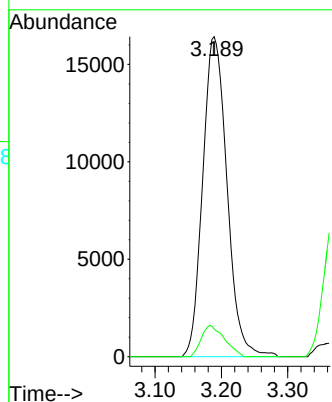
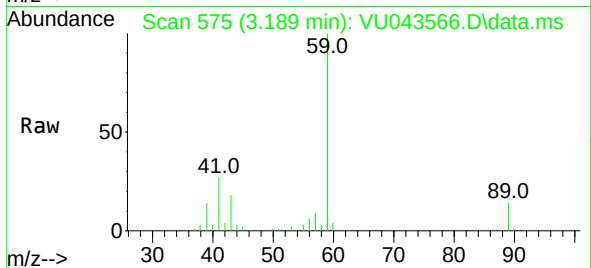
#11
Tert butyl alcohol
Concen: 101.53 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.006 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion: 59 Resp: 41791
Ion Ratio Lower Upper
59 100
57 9.3 8.0 12.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

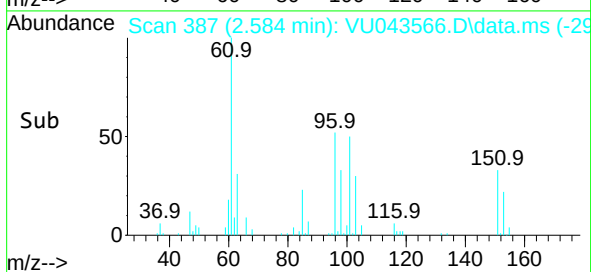
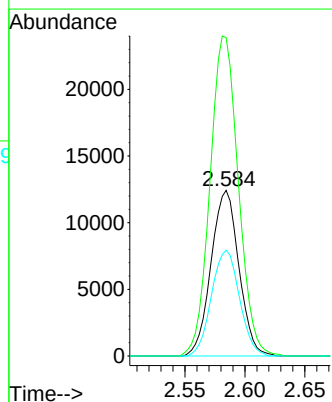
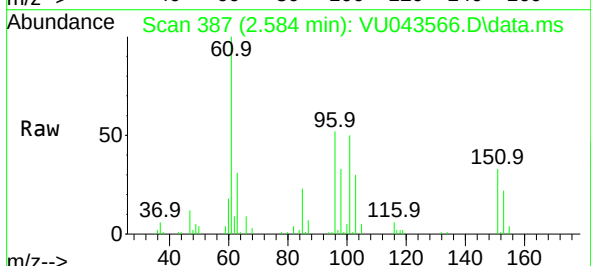
Manual Integrations
APPROVED

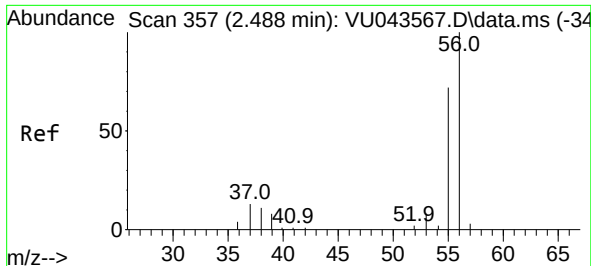
MMDadoda
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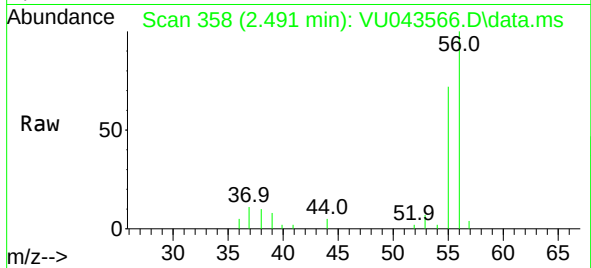
#12
1,1-Dichloroethene
Concen: 22.03 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion: 96 Resp: 20024
Ion Ratio Lower Upper
96 100
61 192.4 148.4 222.6
98 63.9 49.4 74.2

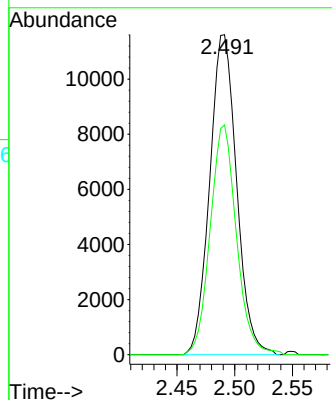




#13
Acrolein
Concen: 83.92 ug/l
RT: 2.491 min Scan# 358
Delta R.T. 0.003 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



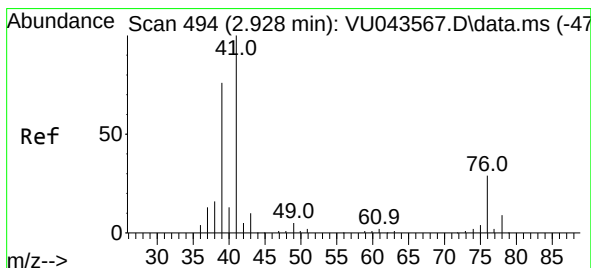
Tgt Ion: 56 Resp: 18794
Ion Ratio Lower Upper
56 100
55 70.0 56.9 85.3



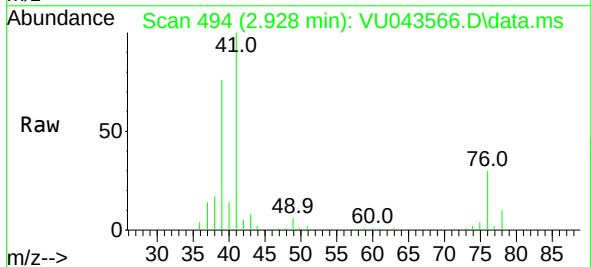
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
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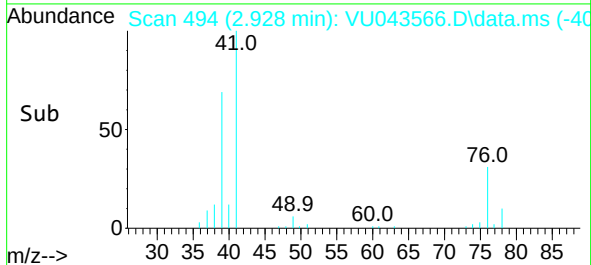
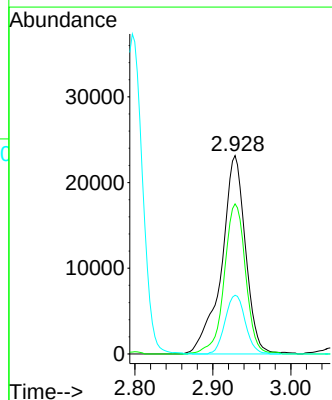
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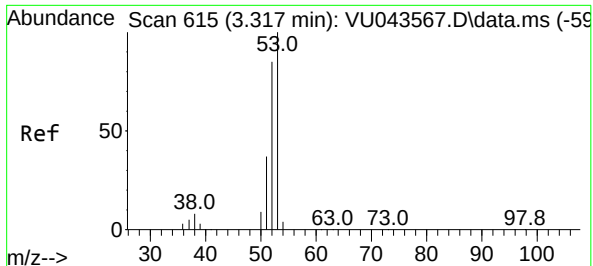


#14
Allyl chloride
Concen: 22.25 ug/l
RT: 2.928 min Scan# 494
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



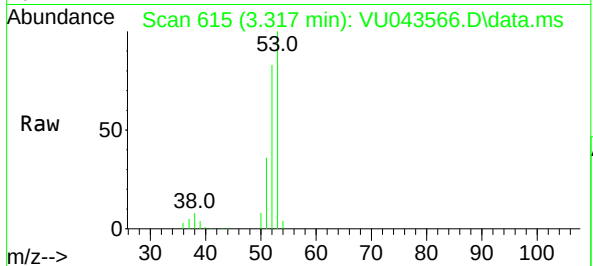
Tgt Ion: 41 Resp: 49487
Ion Ratio Lower Upper
41 100
39 67.3 54.5 81.7
76 25.0 19.9 29.9





#15
Acrylonitrile
Concen: 96.28 ug/l
RT: 3.317 min Scan# 615
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

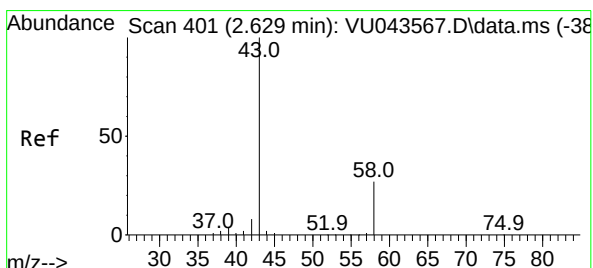
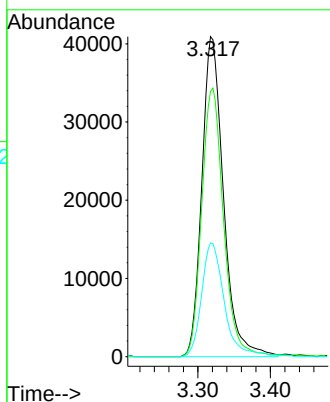
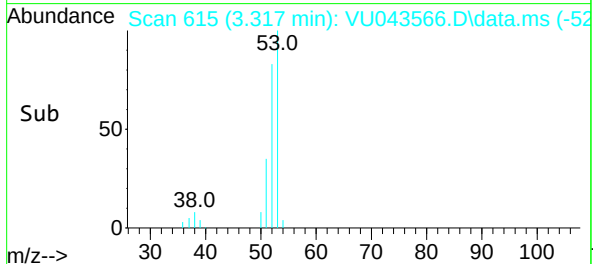
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



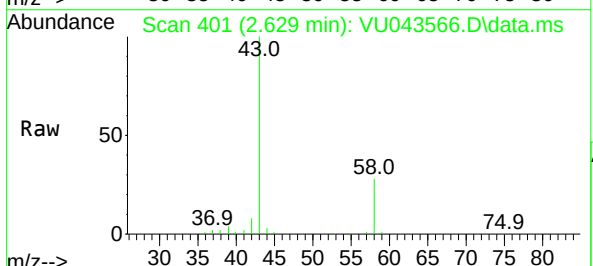
Tgt Ion: 53 Resp: 84720
Ion Ratio Lower Upper
53 100
52 84.7 67.4 101.2
51 37.4 30.0 45.0

Manual Integrations
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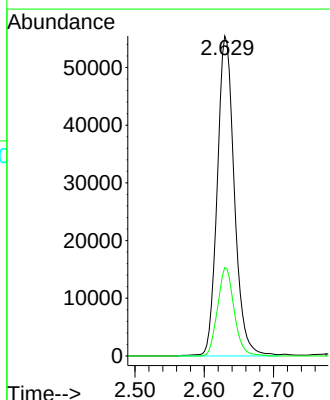
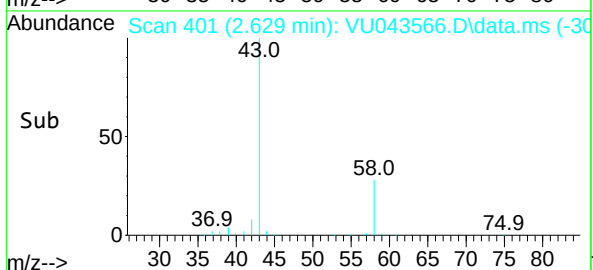
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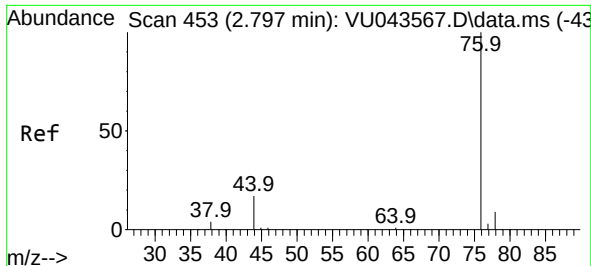


#16
Acetone
Concen: 95.51 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



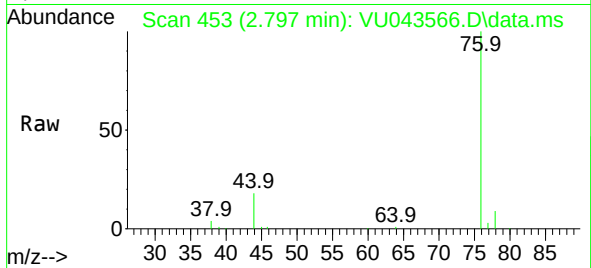
Tgt Ion: 43 Resp: 95151
Ion Ratio Lower Upper
43 100
58 27.6 21.7 32.5





#17
Carbon Disulfide
Concen: 22.42 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

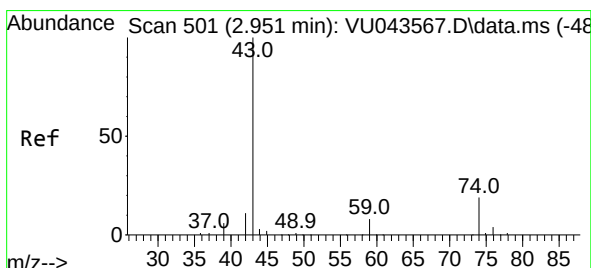
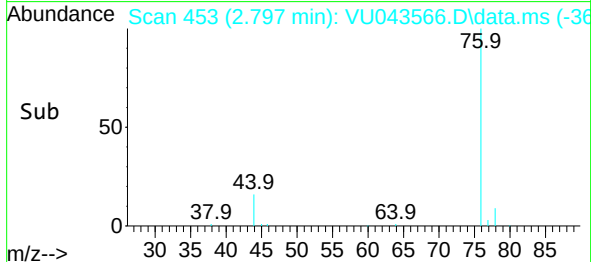
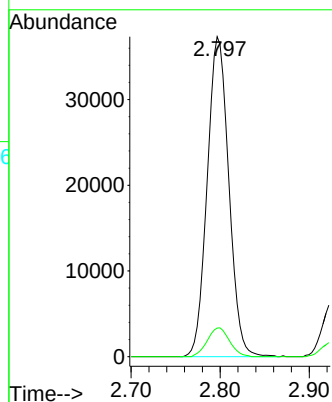
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 62843
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

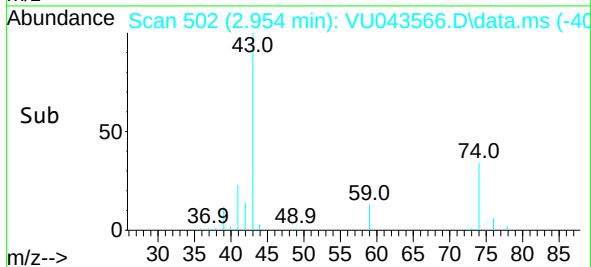
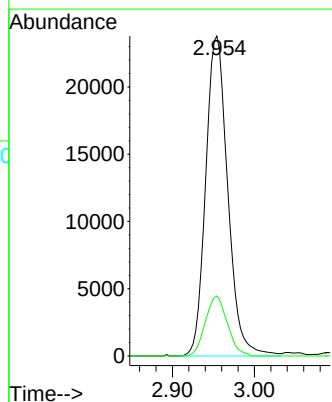
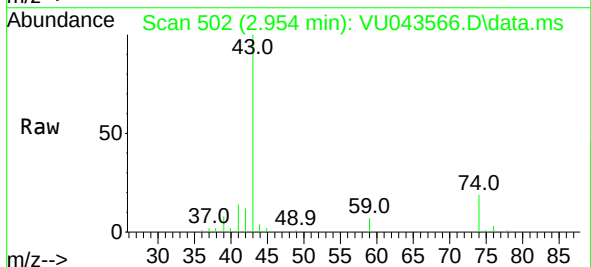
Manual Integrations
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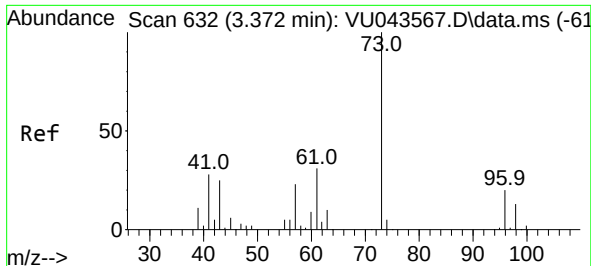
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5/7/2021 12:51:35 PM



#18
Methyl Acetate
Concen: 21.88 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion: 43 Resp: 44555
Ion Ratio Lower Upper
43 100
74 18.6 15.3 22.9





#19

Methyl tert-butyl Ether

Concen: 19.50 ug/l

RT: 3.372 min Scan# 632

Delta R.T. 0.000 min

Lab File: VU043566.D

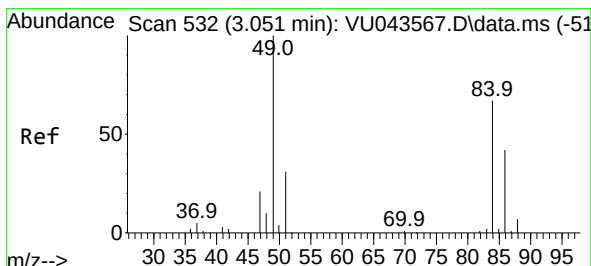
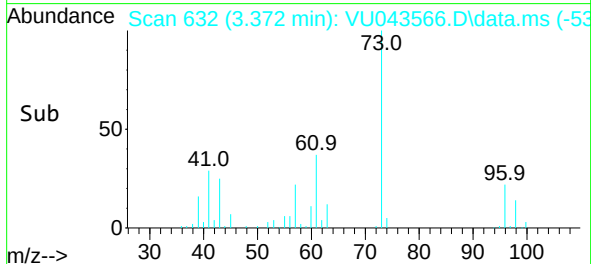
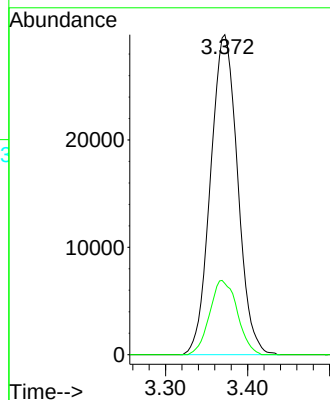
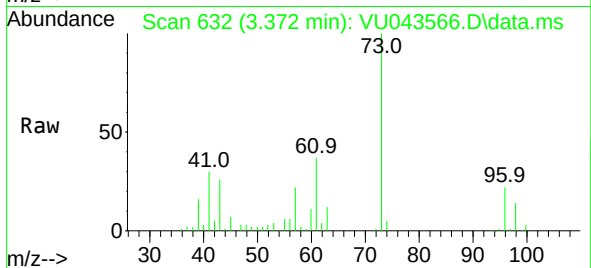
Acq: 05 May 2021 22:27

Tgt Ion: 73 Resp: 68426

Ion Ratio Lower Upper

73 100

57 22.2 18.2 27.4



#20

Methylene Chloride

Concen: 22.42 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.000 min

Lab File: VU043566.D

Acq: 05 May 2021 22:27

Tgt Ion: 84 Resp: 25981

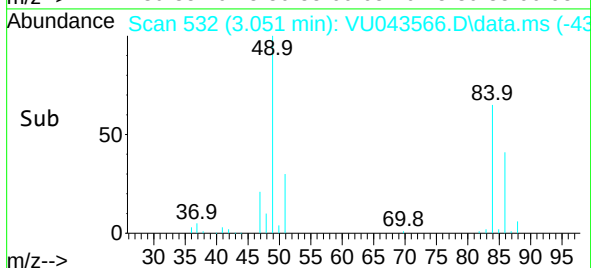
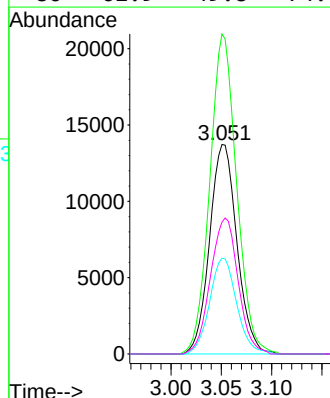
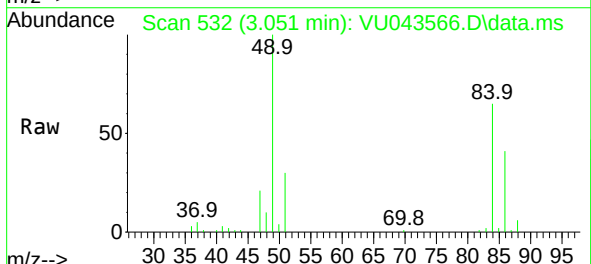
Ion Ratio Lower Upper

84 100

49 152.8 119.0 178.4

51 45.7 36.8 55.2

86 62.9 49.8 74.6



Instrument :

MSVOA_U

ClientSampleId :

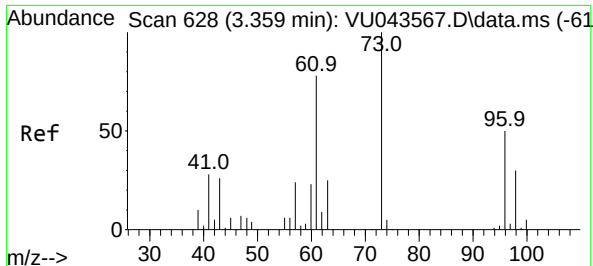
VSTDIC020

Manual Integrations

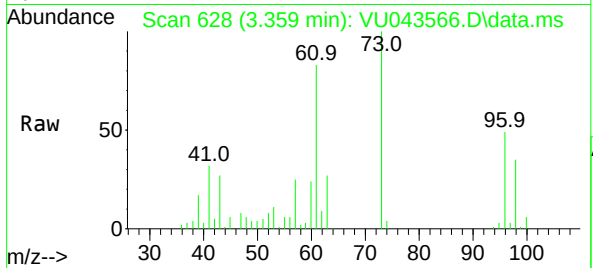
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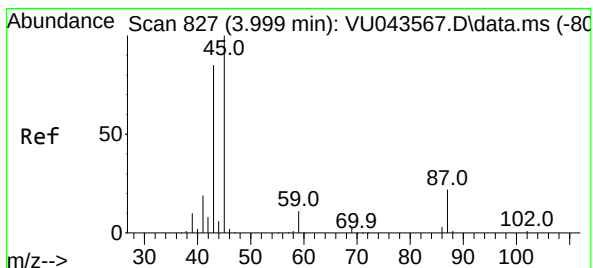
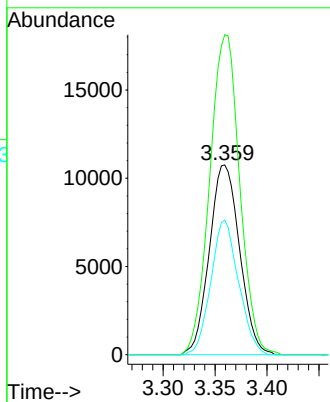
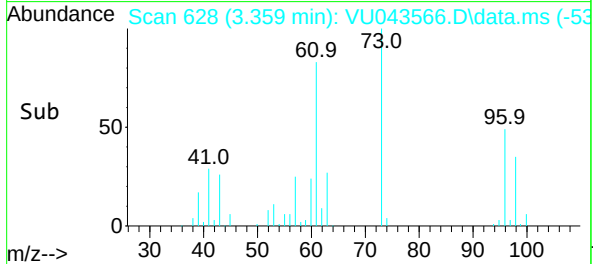


#21
trans-1,2-Dichloroethene
Concen: 20.65 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

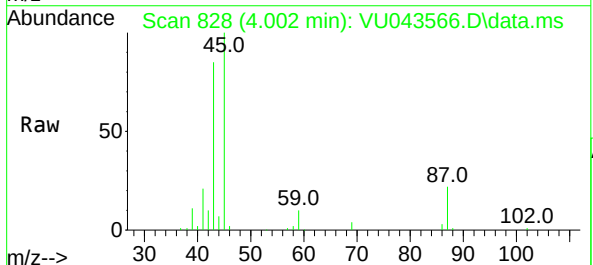


Tgt Ion: 96 Resp: 21795

Ion	Ratio	Lower	Upper
96	100		
61	168.7	124.4	186.6
98	71.0	48.4	72.6

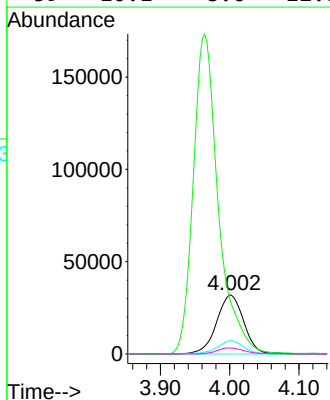
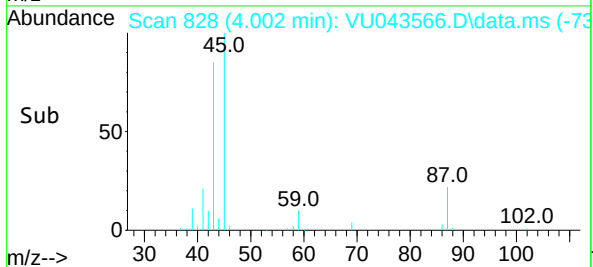


#22
Diisopropyl ether
Concen: 20.69 ug/l
RT: 4.002 min Scan# 828
Delta R.T. 0.003 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



Tgt Ion: 45 Resp: 86519

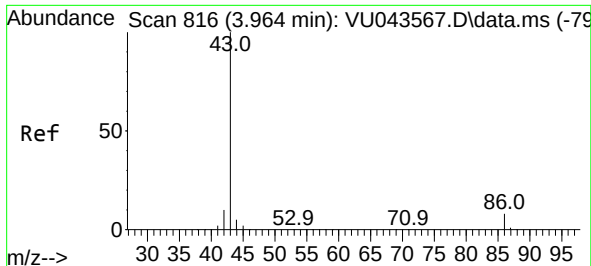
Ion	Ratio	Lower	Upper
45	100		
43	82.5	69.0	103.4
87	22.3	17.8	26.6
59	10.1	8.6	12.8



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

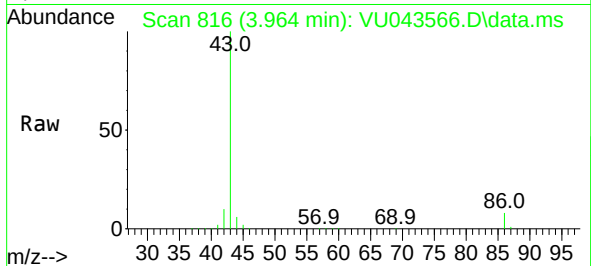
Manual Integrations
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#23
 Vinyl Acetate
 Concen: 106.74 ug/l
 RT: 3.964 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: VU043566.D
 Acq: 05 May 2021 22:27

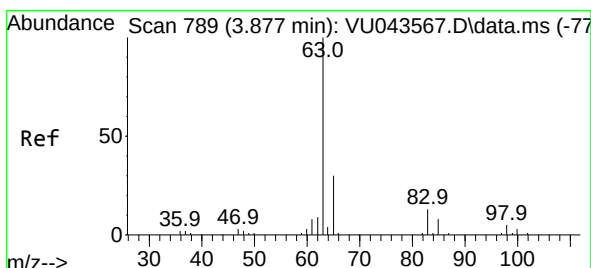
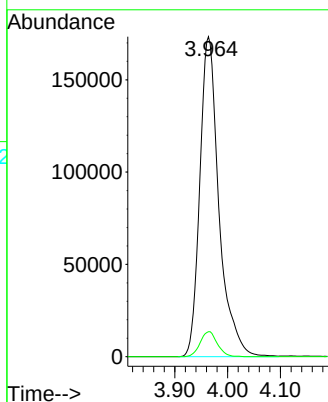
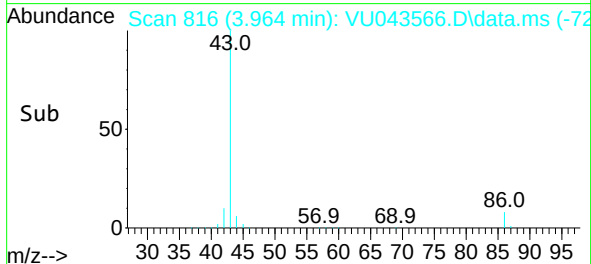
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020



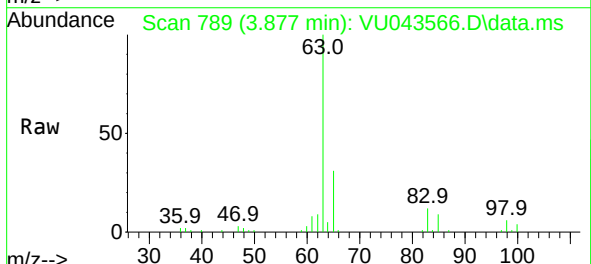
Tgt Ion: 43 Resp: 436015
 Ion Ratio Lower Upper
 43 100
 86 7.8 6.2 9.2

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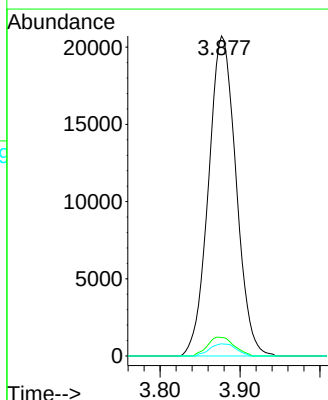
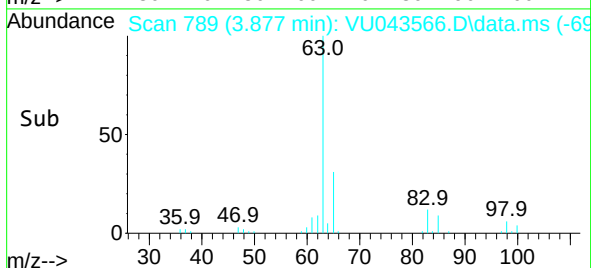
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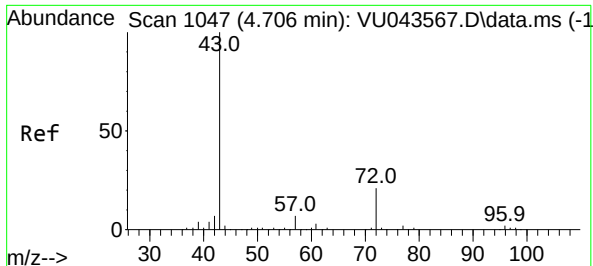


#24
 1,1-Dichloroethane
 Concen: 23.03 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VU043566.D
 Acq: 05 May 2021 22:27



Tgt Ion: 63 Resp: 49558
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.8 8.3
 100 3.8 1.7 5.1





#25

2-Butanone

Concen: 99.77 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU043566.D

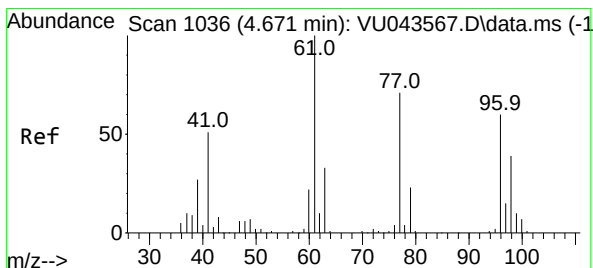
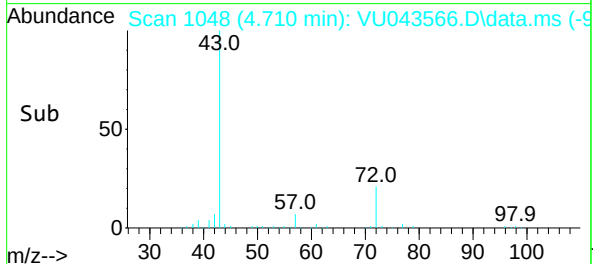
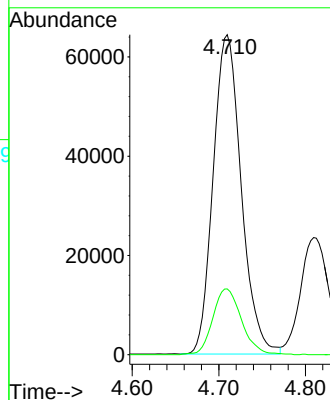
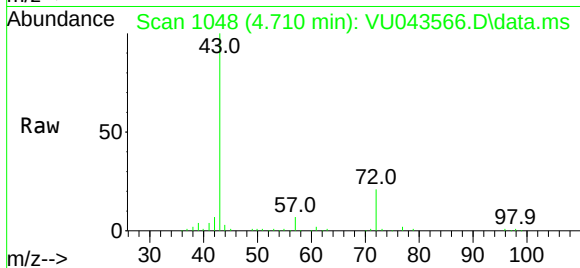
Acq: 05 May 2021 22:27

Tgt Ion: 43 Resp: 144895

Ion Ratio Lower Upper

43 100

72 20.6 16.5 24.7



#26

2,2-Dichloropropane

Concen: 18.61 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU043566.D

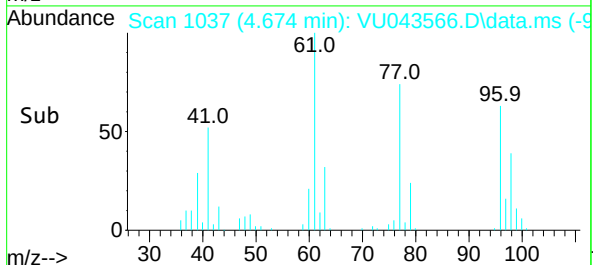
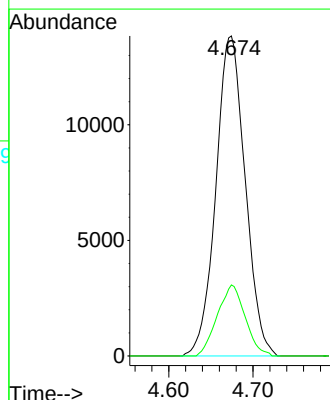
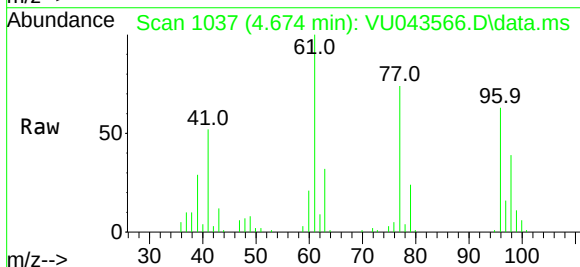
Acq: 05 May 2021 22:27

Tgt Ion: 77 Resp: 33370

Ion Ratio Lower Upper

77 100

97 21.1 10.8 32.4



Instrument :

MSVOA_U

ClientSampled :

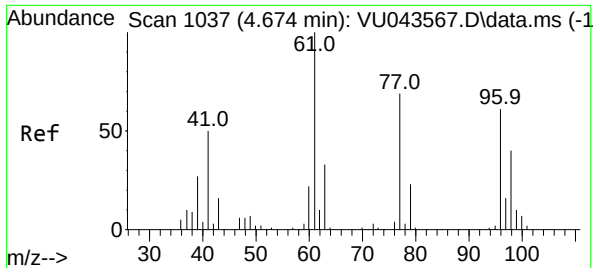
VSTDIC020

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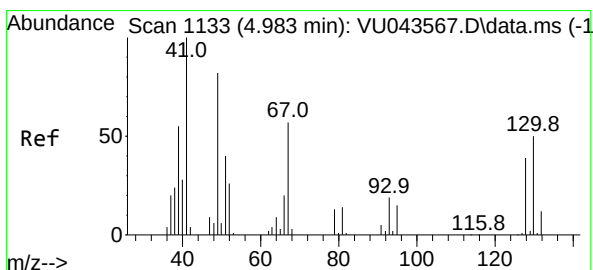
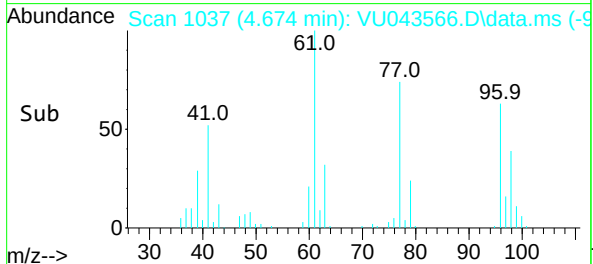
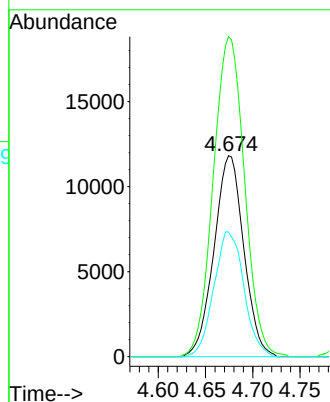
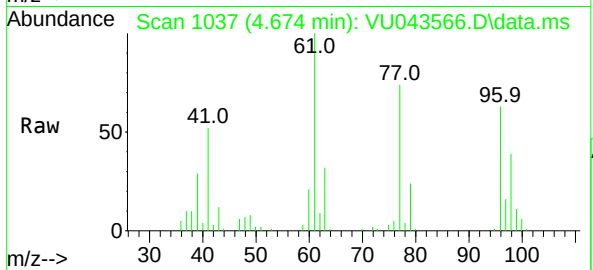
#27
 cis-1,2-Dichloroethene
 Concen: 21.67 ug/l
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU043566.D
 Acq: 05 May 2021 22:27

Tgt Ion:	96	Resp:	25912
Ion	Ratio	Lower	Upper
96	100		
61	166.7	0.0	334.6
98	62.5	0.0	126.8

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

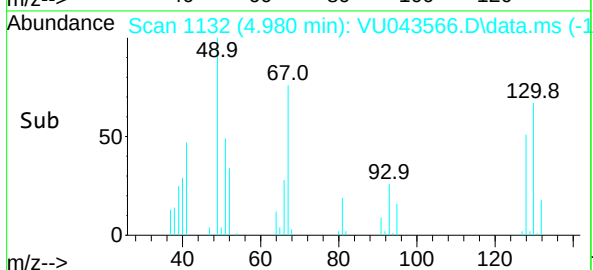
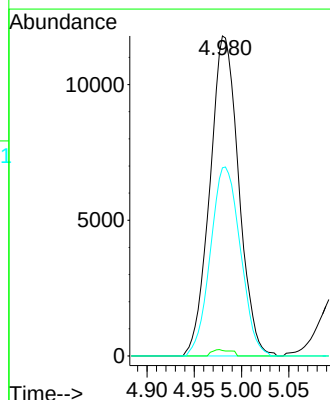
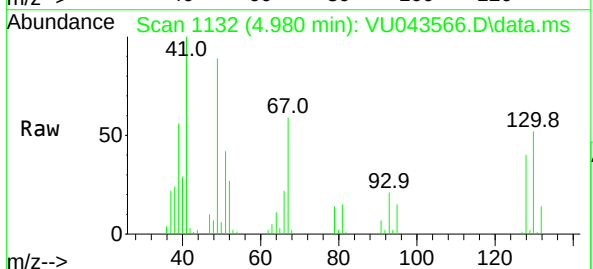
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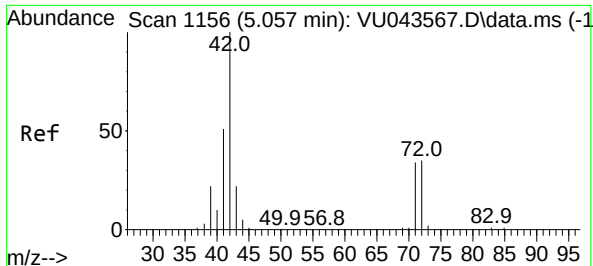
MMDadoda
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#28
 Bromochloromethane
 Concen: 22.86 ug/l
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.003 min
 Lab File: VU043566.D
 Acq: 05 May 2021 22:27

Tgt Ion:	49	Resp:	24993
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	1.8
130	61.4	48.1	72.1





#29

Tetrahydrofuran

Concen: 93.93 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.000 min

Lab File: VU043566.D

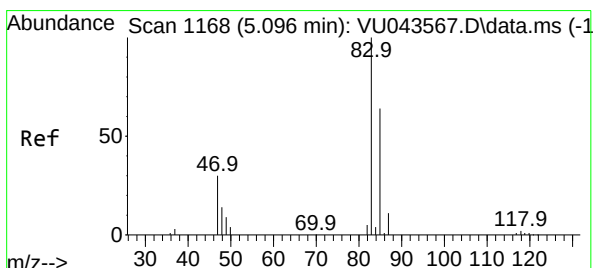
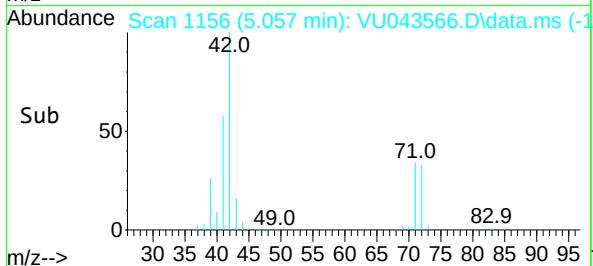
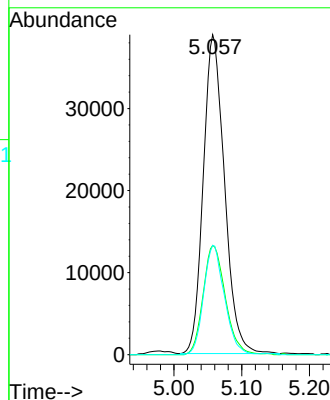
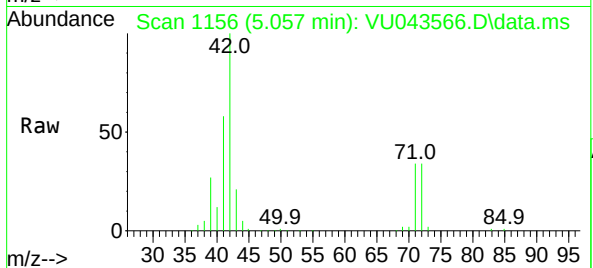
Acq: 05 May 2021 22:27

Tgt Ion:	42	Resp:	84698
Ion Ratio	Lower	Upper	
42	100		
72	35.7	28.5	42.7
71	33.5	27.4	41.2

Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

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5/7/2021 12:51:35 PM



#30

Chloroform

Concen: 21.39 ug/l

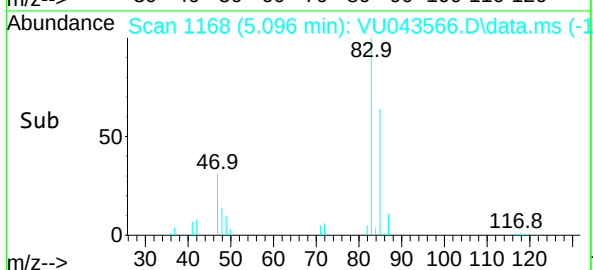
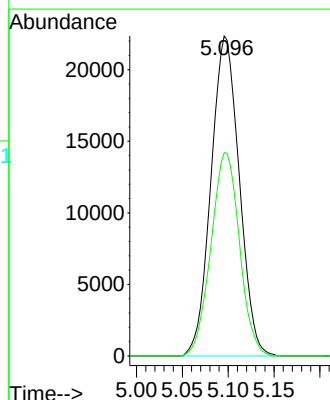
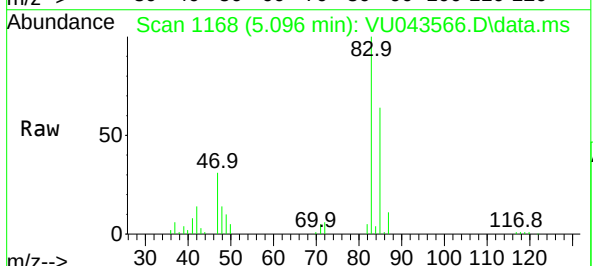
RT: 5.096 min Scan# 1168

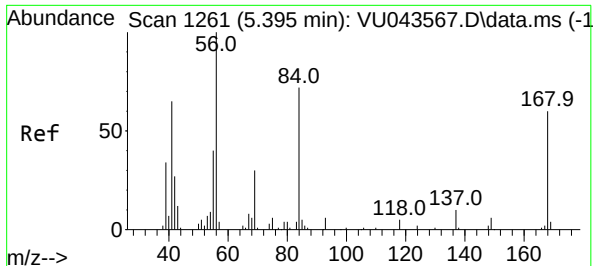
Delta R.T. 0.000 min

Lab File: VU043566.D

Acq: 05 May 2021 22:27

Tgt Ion:	83	Resp:	47858
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.2	76.8





#31

Cyclohexane

Concen: 20.01 ug/l

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU043566.D

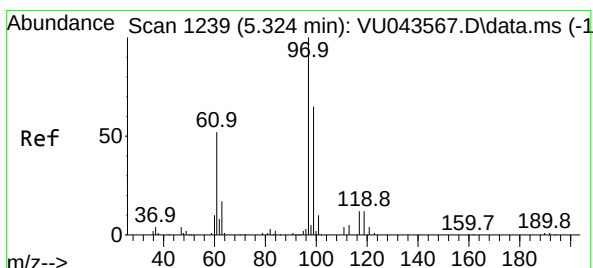
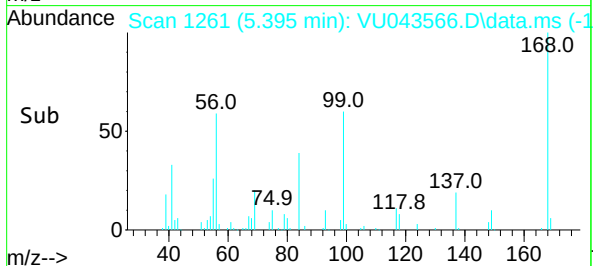
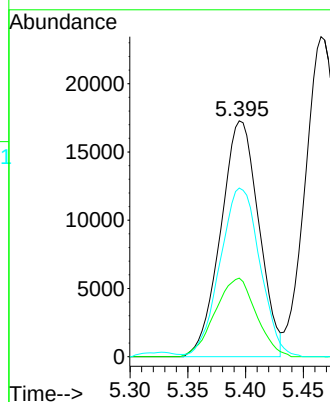
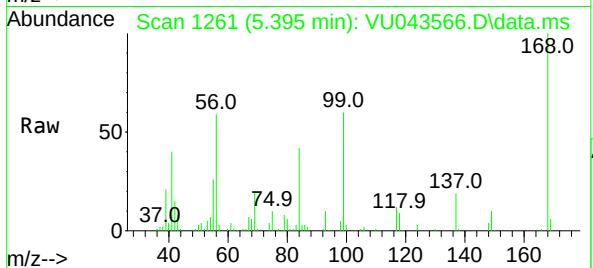
Acq: 05 May 2021 22:27

Tgt Ion:	56	Resp:	39630
Ion Ratio	Lower	Upper	
56	100		
69	33.4	23.9	35.9
84	70.6	57.7	86.5

Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

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5/7/2021 12:51:35 PM



#32

1,1,1-Trichloroethane

Concen: 21.15 ug/l

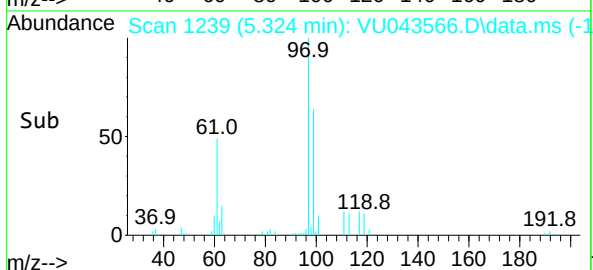
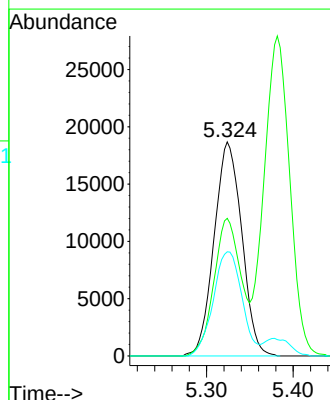
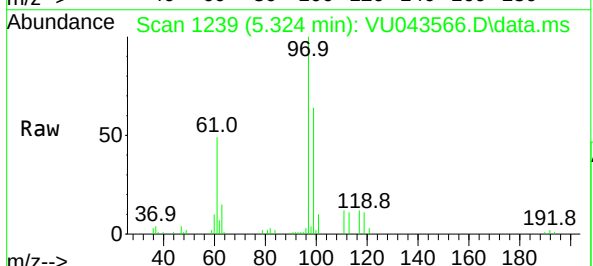
RT: 5.324 min Scan# 1239

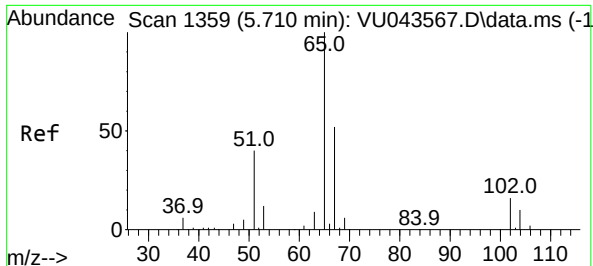
Delta R.T. 0.000 min

Lab File: VU043566.D

Acq: 05 May 2021 22:27

Tgt Ion:	97	Resp:	41472
Ion Ratio	Lower	Upper	
97	100		
99	62.6	49.9	74.9
61	50.8	41.3	61.9





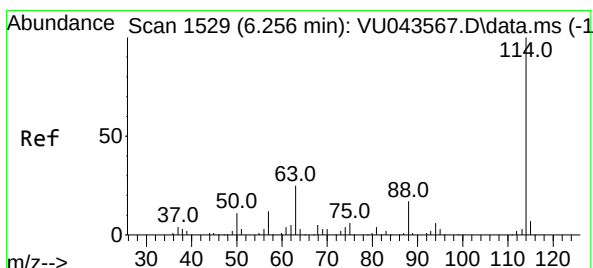
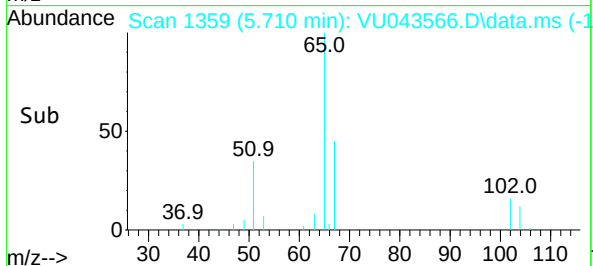
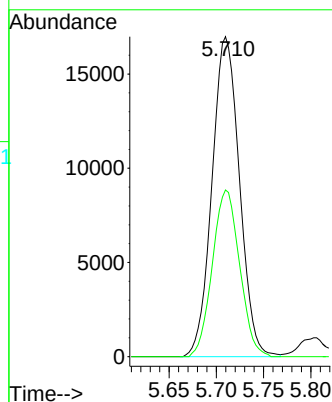
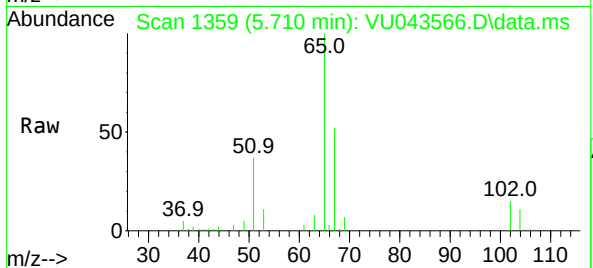
#33
1,2-Dichloroethane-d4
Concen: 21.22 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion: 65 Resp: 34321
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.6

Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

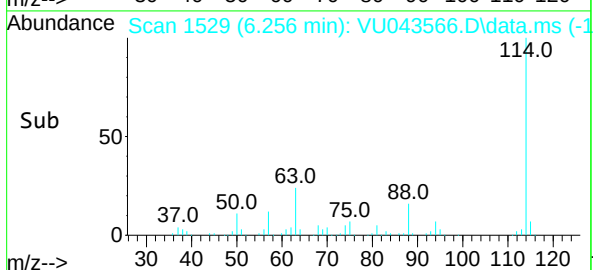
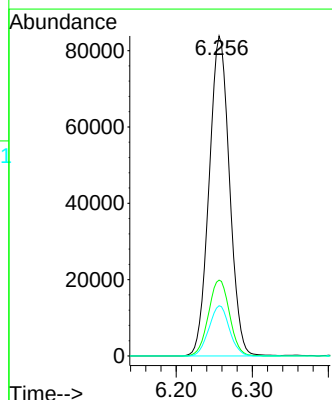
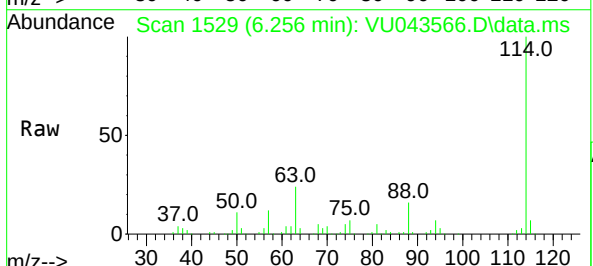
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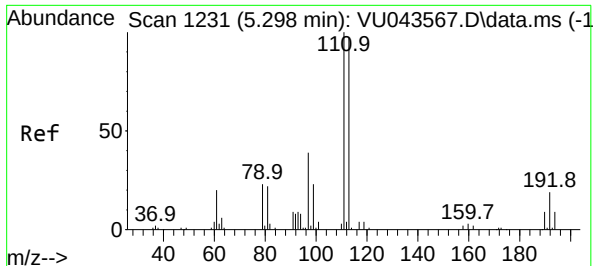
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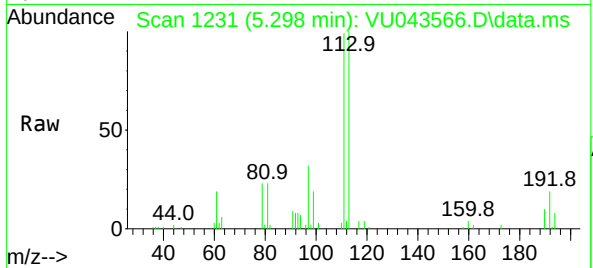
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion: 114 Resp: 156018
Ion Ratio Lower Upper
114 100
63 23.7 0.0 50.2
88 15.7 0.0 33.8



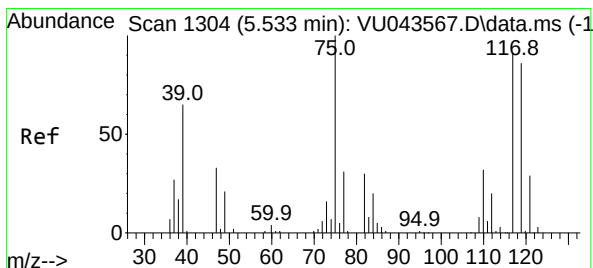
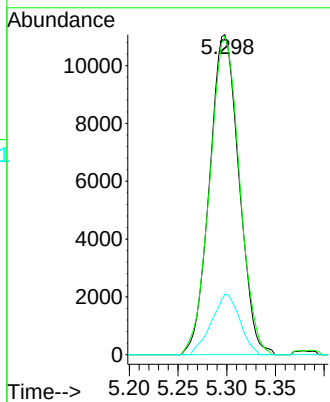
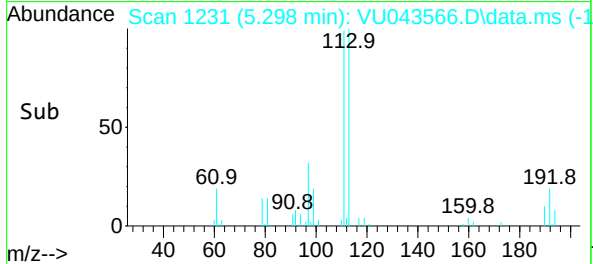


#35
Dibromofluoromethane
Concen: 19.65 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

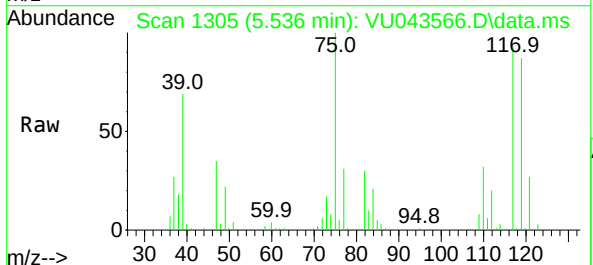


Tgt Ion: 113 Resp: 23278

Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.3	123.5
192	18.1	15.8	23.6

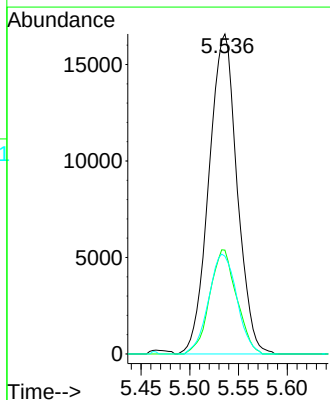
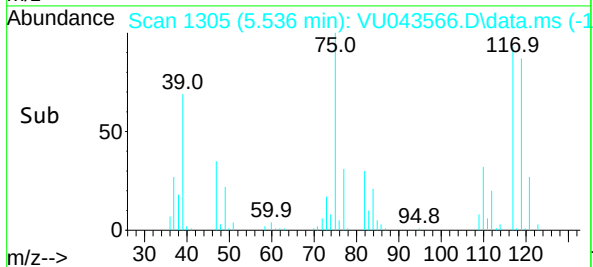


#36
1,1-Dichloropropene
Concen: 19.74 ug/l
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



Tgt Ion: 75 Resp: 33294

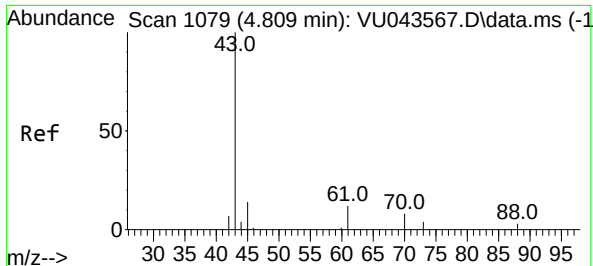
Ion	Ratio	Lower	Upper
75	100		
110	31.1	16.2	48.5
77	31.3	24.4	36.6



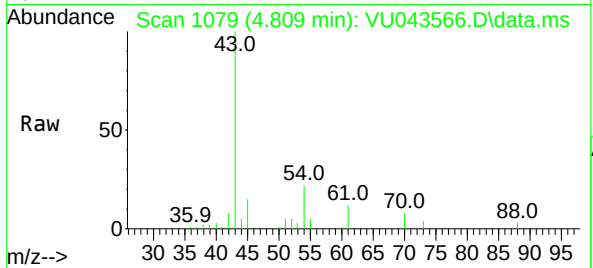
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

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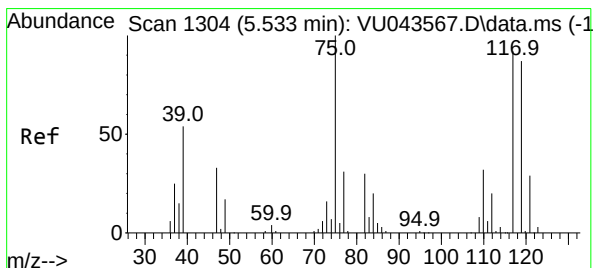
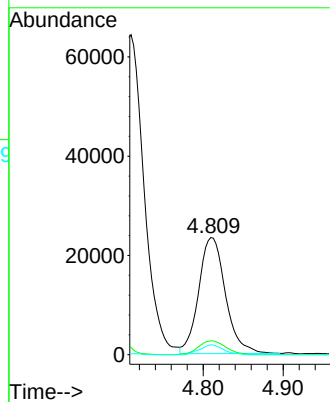
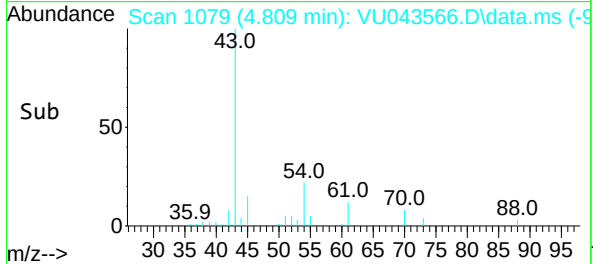
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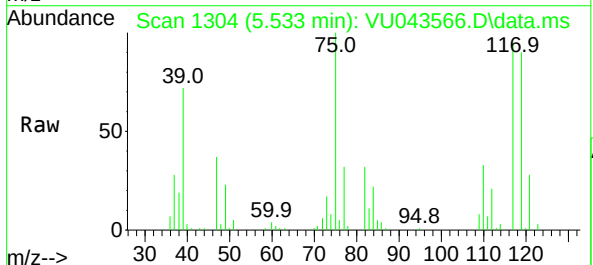
#37
Ethyl Acetate
Concen: 18.89 ug/l
RT: 4.809 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



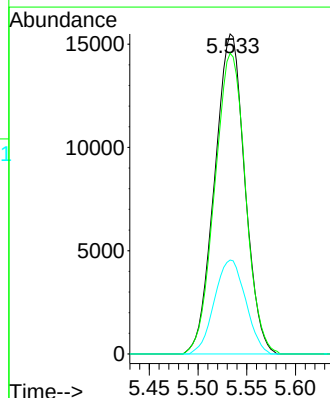
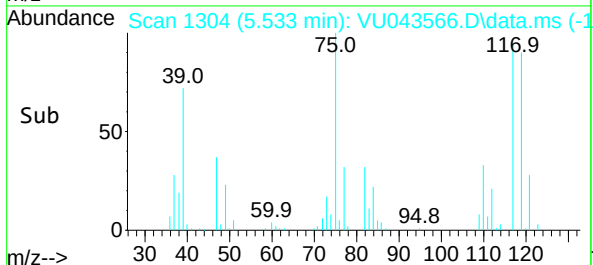
Tgt Ion: 43 Resp: 54581
Ion Ratio Lower Upper
43 100
61 12.1 9.7 14.5
70 7.4 6.5 9.7



#38
Carbon Tetrachloride
Concen: 18.73 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



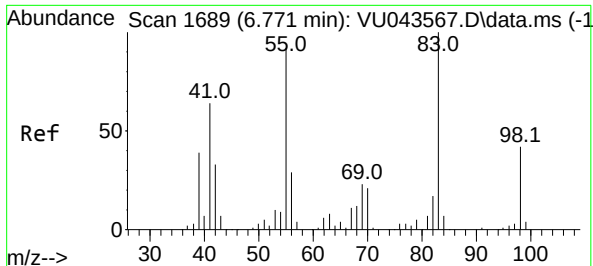
Tgt Ion: 117 Resp: 33338
Ion Ratio Lower Upper
117 100
119 93.9 75.4 113.0
121 29.4 25.2 37.8



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
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5/7/2021 12:51:35 PM



#39

Methylcyclohexane

Concen: 16.93 ug/l

RT: 6.771 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VU043566.D

Acq: 05 May 2021 22:27

Tgt Ion:	83	Resp:	30573
Ion	Ratio	Lower	Upper
83	100		
55	95.5	73.7	110.5
98	41.5	34.0	51.0

Instrument :

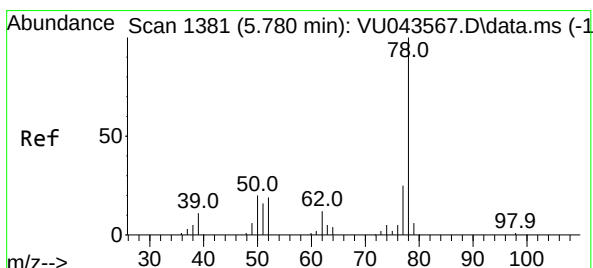
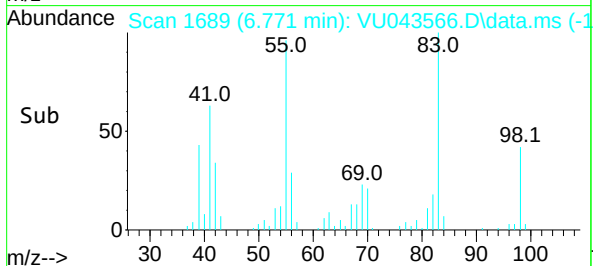
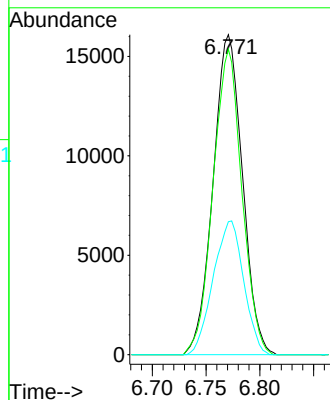
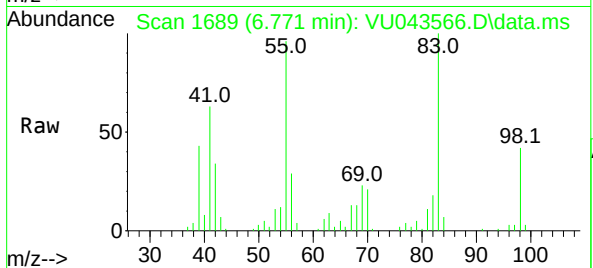
MSVOA_U

ClientSampleId :

VSTDIC020

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5/7/2021 12:51:35 PM



#40

Benzene

Concen: 20.47 ug/l

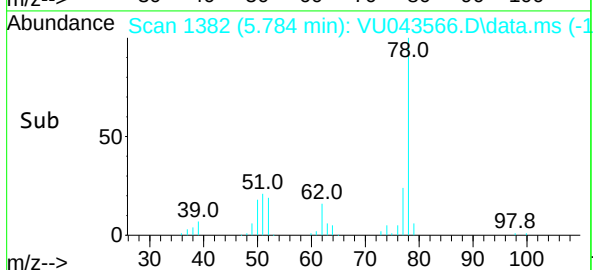
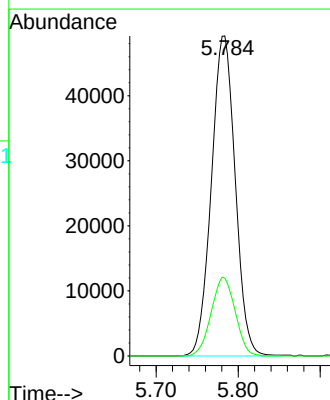
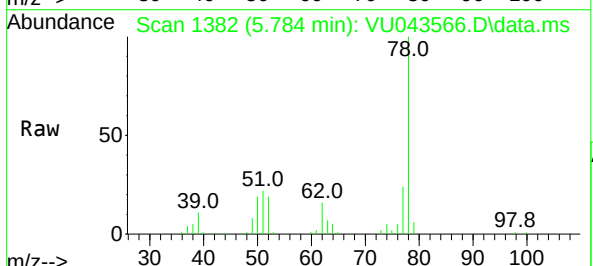
RT: 5.784 min Scan# 1382

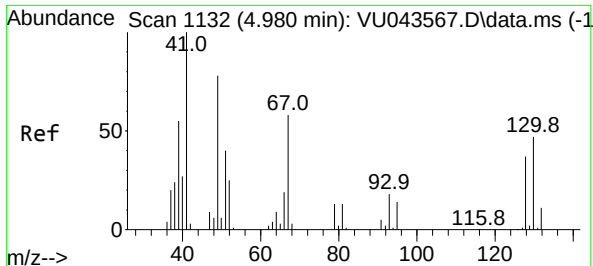
Delta R.T. 0.003 min

Lab File: VU043566.D

Acq: 05 May 2021 22:27

Tgt Ion:	78	Resp:	99388
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.7	29.5





#41

Methacrylonitrile

Concen: 18.86 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU043566.D

Acq: 05 May 2021 22:27

Tgt Ion: 41 Resp: 28738

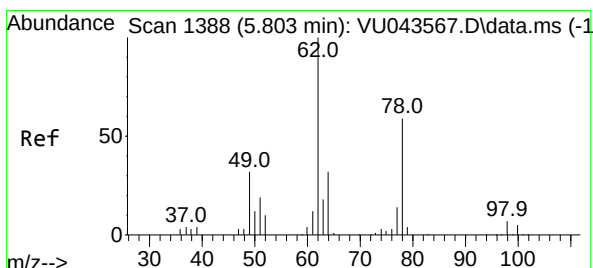
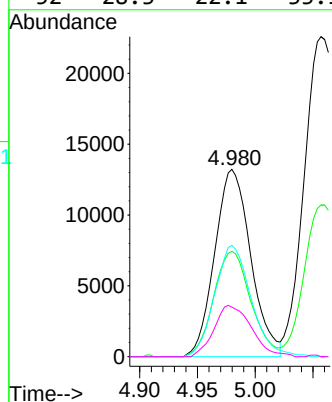
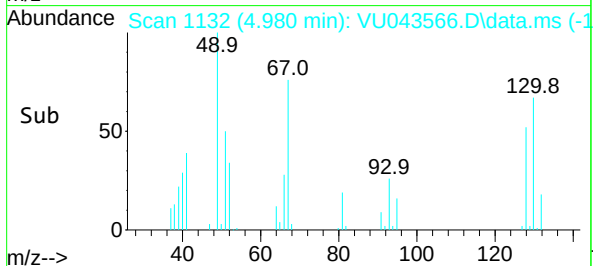
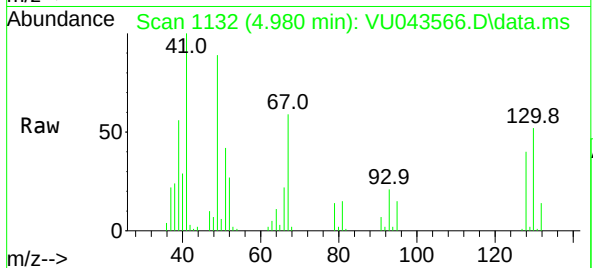
Ion Ratio Lower Upper

41 100

39 58.0 45.8 68.6

67 60.1 46.5 69.7

52 28.3 22.1 33.1



#42

1,2-Dichloroethane

Concen: 20.47 ug/l

RT: 5.803 min Scan# 1388

Delta R.T. 0.000 min

Lab File: VU043566.D

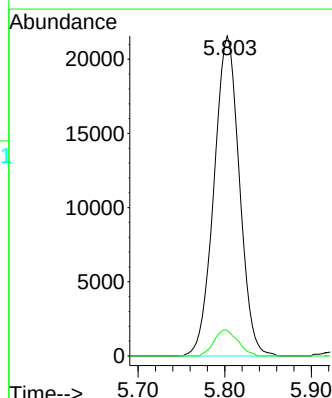
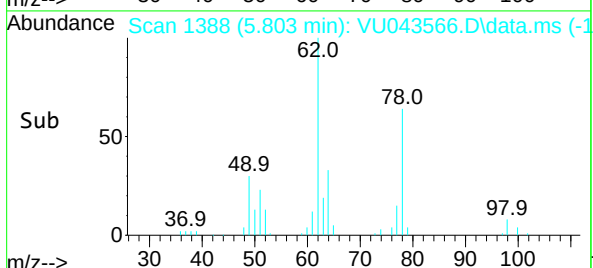
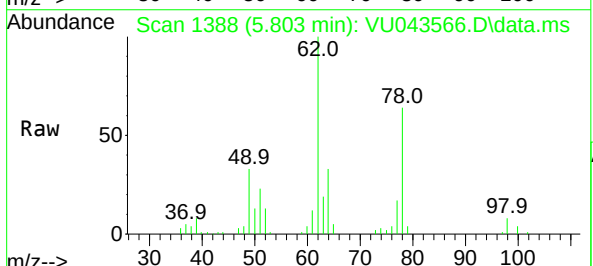
Acq: 05 May 2021 22:27

Tgt Ion: 62 Resp: 43918

Ion Ratio Lower Upper

62 100

98 7.7 0.0 13.8



Instrument :

MSVOA_U

ClientSampled :

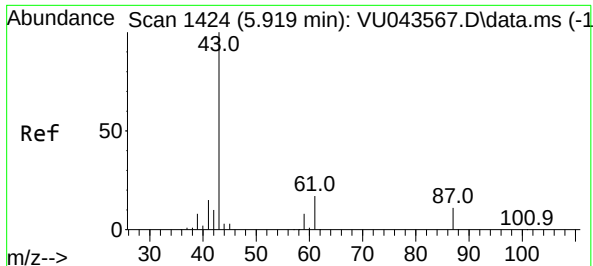
VSTDIC020

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5/7/2021 12:51:35 PM



#43

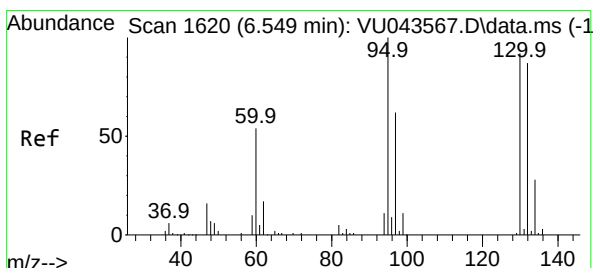
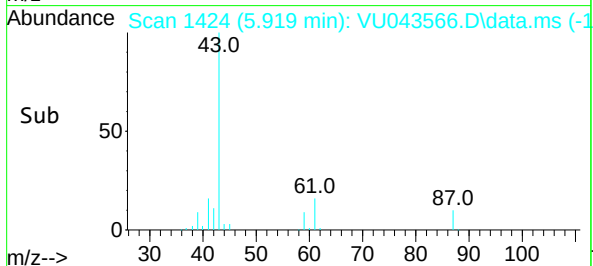
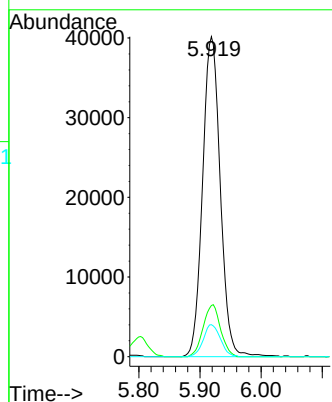
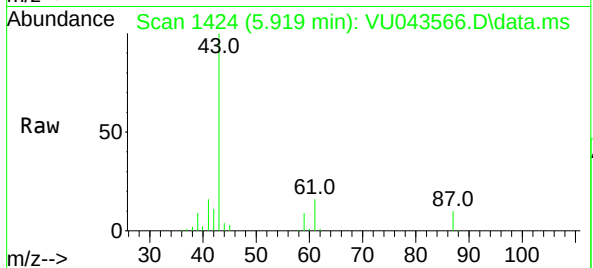
Isopropyl Acetate
Concen: 19.60 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.0	13.4	20.2
87	9.7	8.0	12.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

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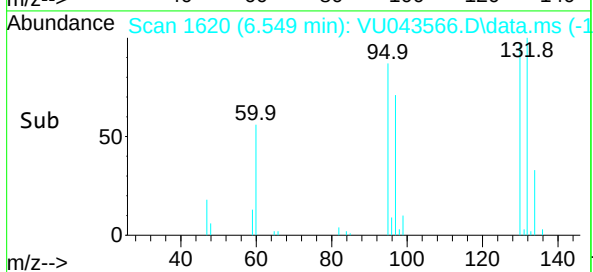
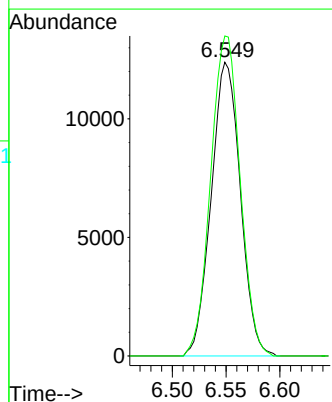
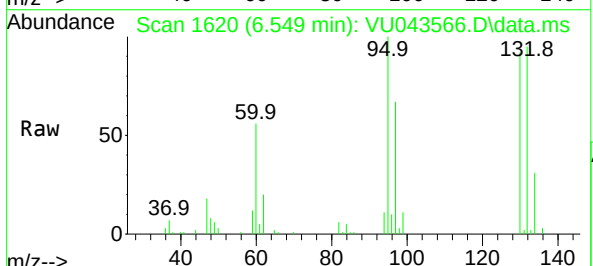
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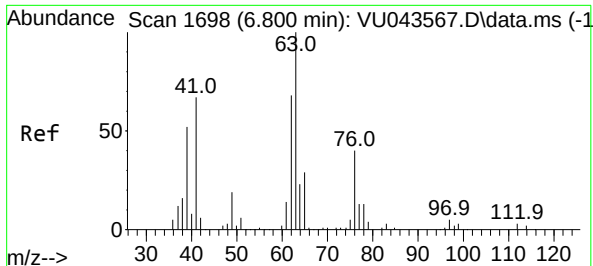


#44

Trichloroethene
Concen: 19.22 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	108.9	0.0	218.4





#45

1,2-Dichloropropane

Concen: 20.99 ug/l

RT: 6.800 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VU043566.D

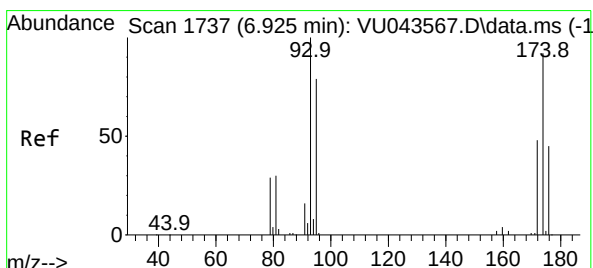
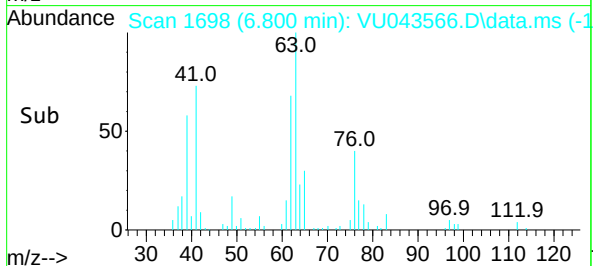
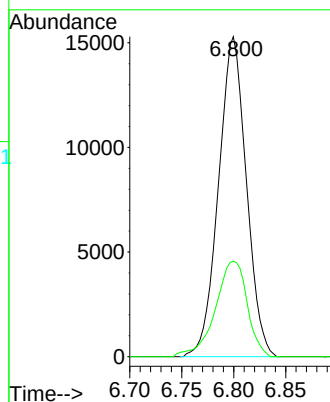
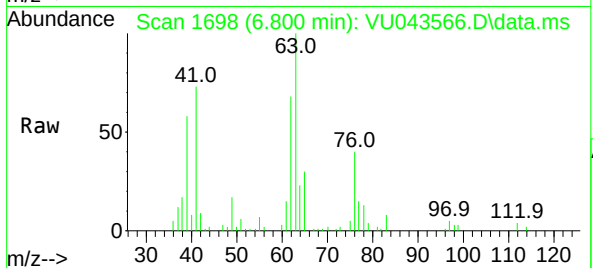
Acq: 05 May 2021 22:27

Tgt Ion: 63 Resp: 28513

Ion Ratio Lower Upper

63 100

65 29.8 23.8 35.6



#46

Dibromomethane

Concen: 19.67 ug/l

RT: 6.925 min Scan# 1737

Delta R.T. 0.000 min

Lab File: VU043566.D

Acq: 05 May 2021 22:27

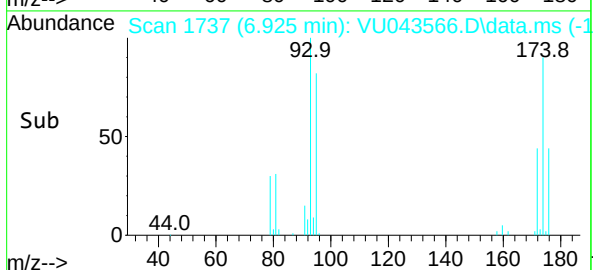
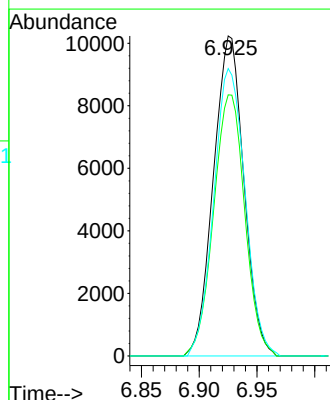
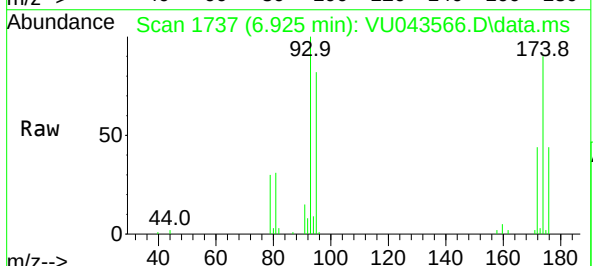
Tgt Ion: 93 Resp: 18722

Ion Ratio Lower Upper

93 100

95 83.8 64.5 96.7

174 92.6 73.4 110.0



Instrument :

MSVOA_U

ClientSampled :

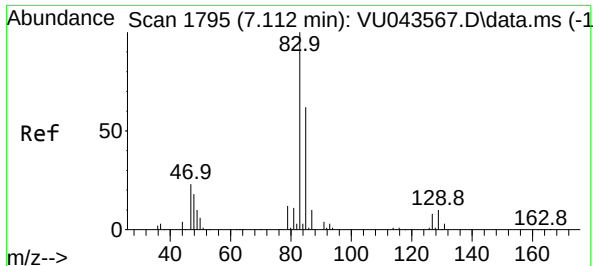
VSTDIC020

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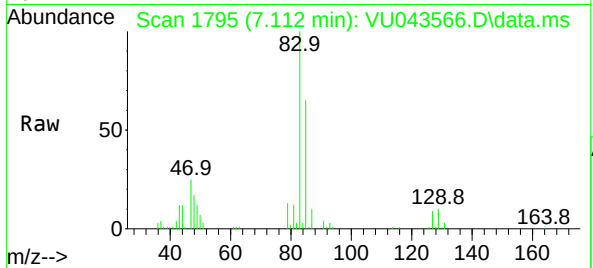
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MMDadoda

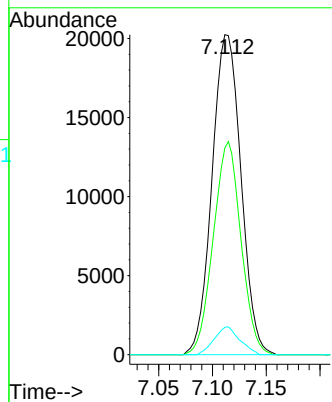
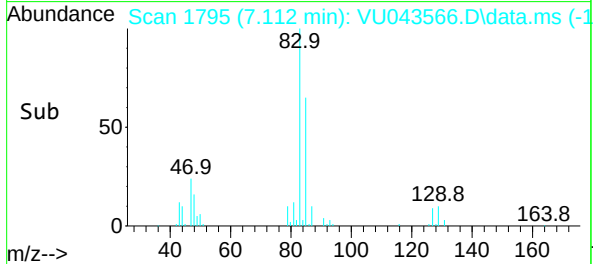
5/7/2021 12:51:35 PM



#47
Bromodichloromethane
Concen: 20.16 ug/l
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



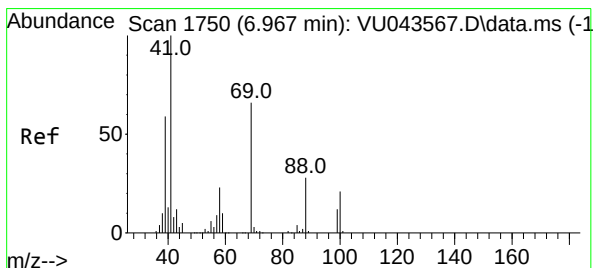
Tgt Ion:	83	Resp:	37853
Ion Ratio	Lower	Upper	
83	100		
85	64.6	49.6	74.4
127	8.6	6.4	9.6



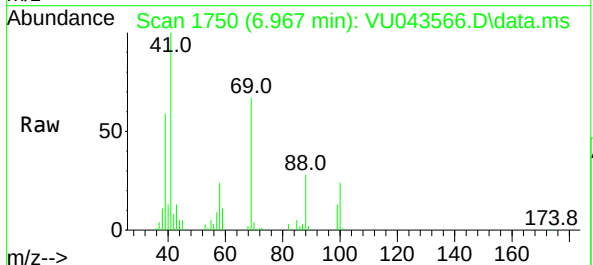
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

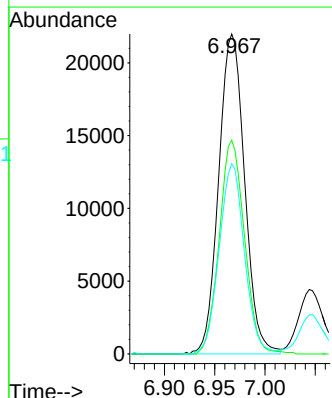
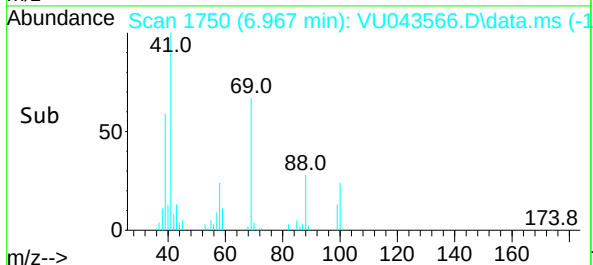
MMDadoda
5/7/2021 12:51:35 PM

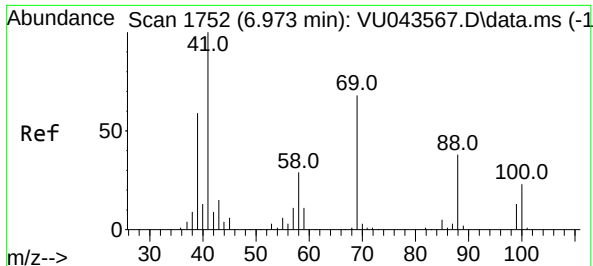


#48
Methyl methacrylate
Concen: 19.09 ug/l
RT: 6.967 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



Tgt Ion:	41	Resp:	39391
Ion Ratio	Lower	Upper	
41	100		
69	65.2	52.8	79.2
39	58.0	47.0	70.6





#49

1,4-Dioxane

Concen: 337.68 ug/l

RT: 6.973 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VU043566.D

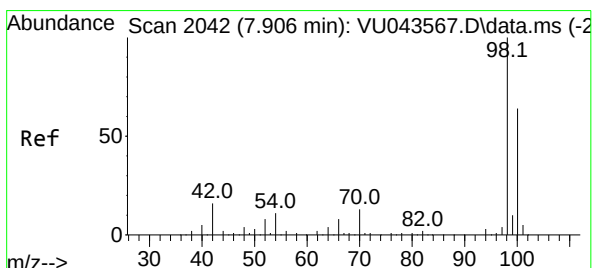
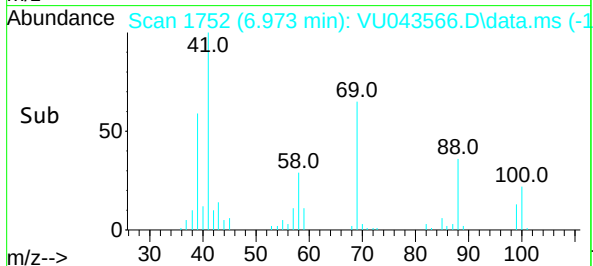
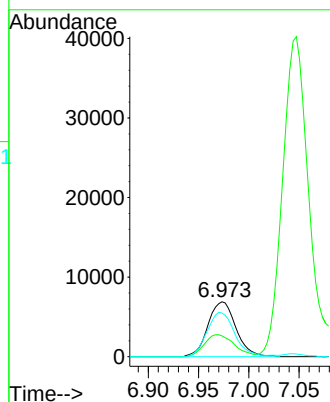
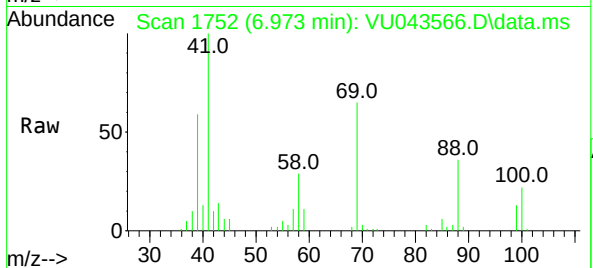
Acq: 05 May 2021 22:27

Tgt Ion:	88	Resp:	13386
Ion	Ratio	Lower	Upper
88	100		
43	43.1	33.6	50.4
58	79.9	62.7	94.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
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5/7/2021 12:51:35 PM



#50

Toluene-d8

Concen: 19.10 ug/l

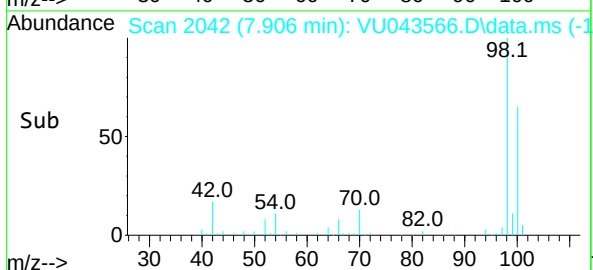
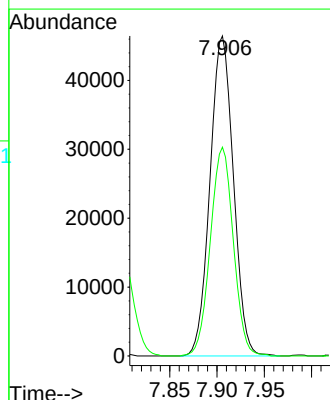
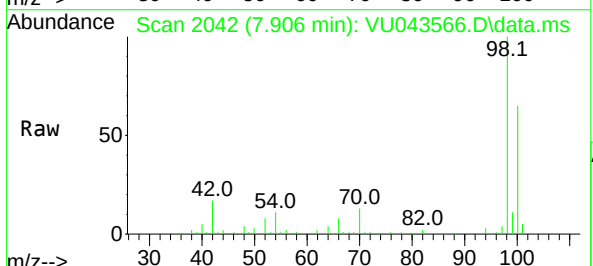
RT: 7.906 min Scan# 2042

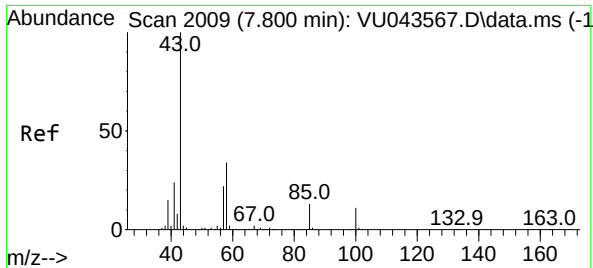
Delta R.T. 0.000 min

Lab File: VU043566.D

Acq: 05 May 2021 22:27

Tgt Ion:	98	Resp:	79998
Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.5	75.7





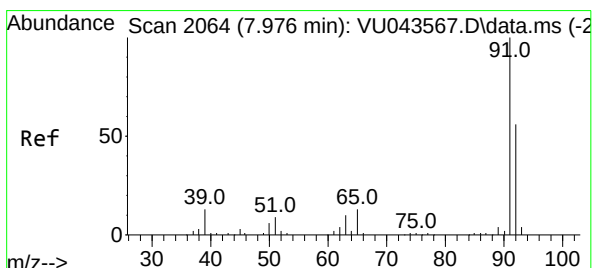
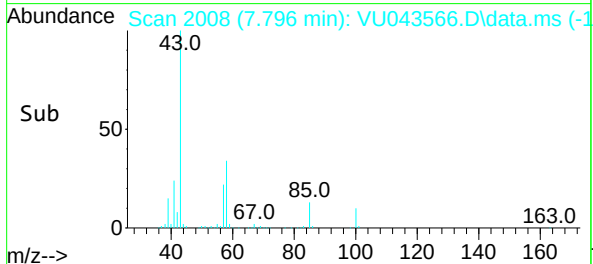
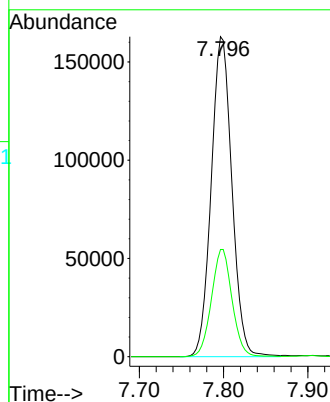
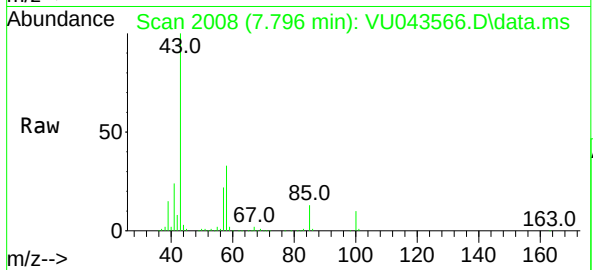
#51
4-Methyl-2-Pentanone
Concen: 92.02 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 277887
Ion Ratio Lower Upper
43 100
58 33.4 27.2 40.8

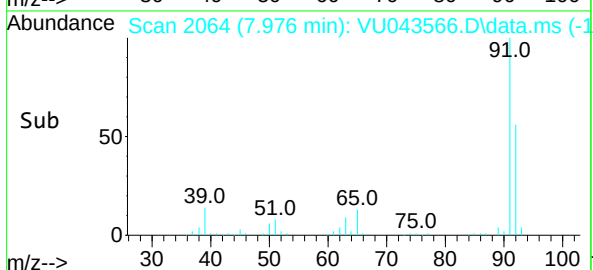
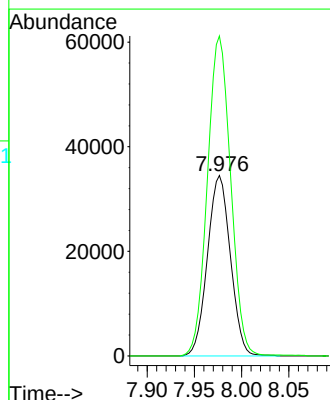
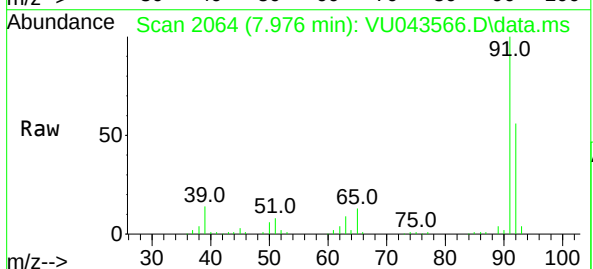
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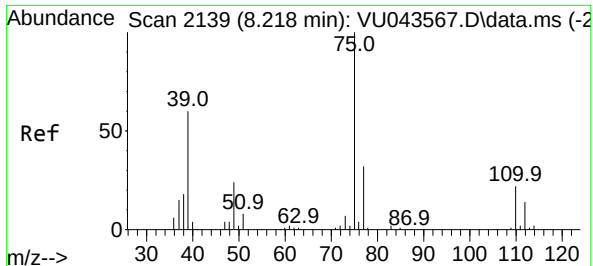
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5/7/2021 12:51:35 PM



#52
Toluene
Concen: 19.61 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion: 92 Resp: 58345
Ion Ratio Lower Upper
92 100
91 179.2 140.9 211.3





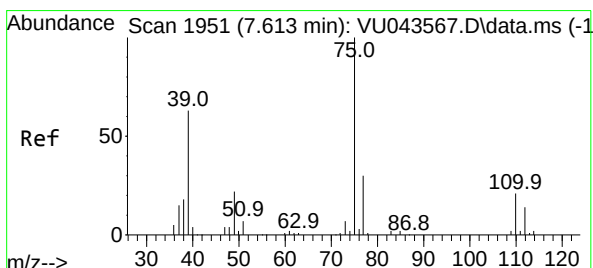
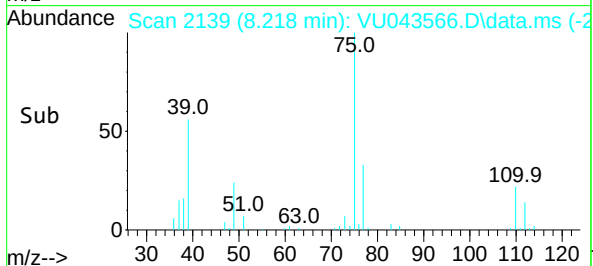
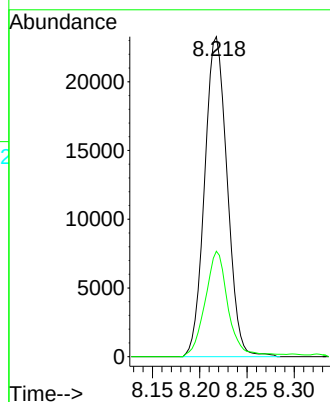
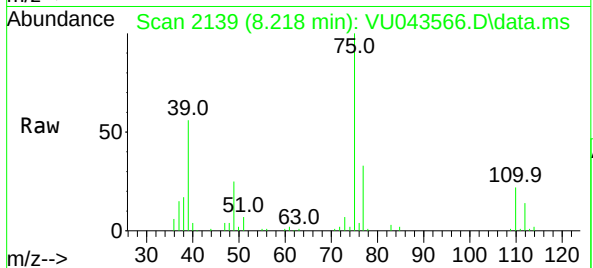
#53
 t-1,3-Dichloropropene
 Concen: 18.78 ug/l
 RT: 8.218 min Scan# 2139
 Delta R.T. 0.000 min
 Lab File: VU043566.D
 Acq: 05 May 2021 22:27

Tgt Ion: 75 Resp: 38623
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.5 38.3

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

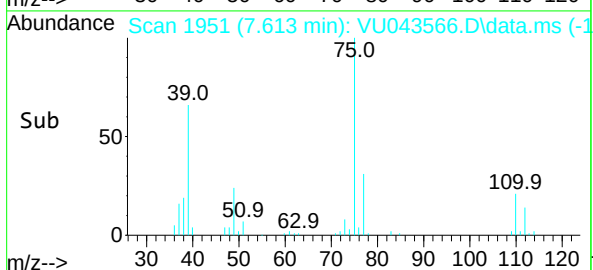
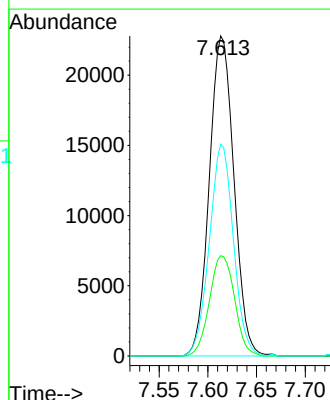
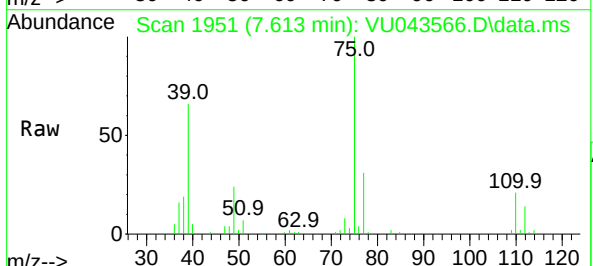
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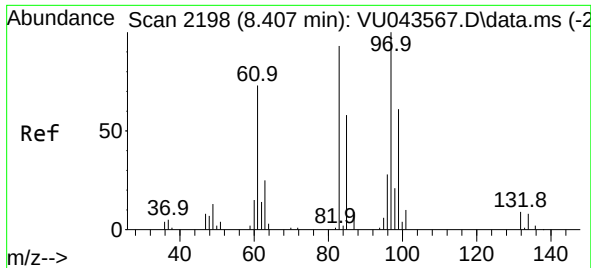
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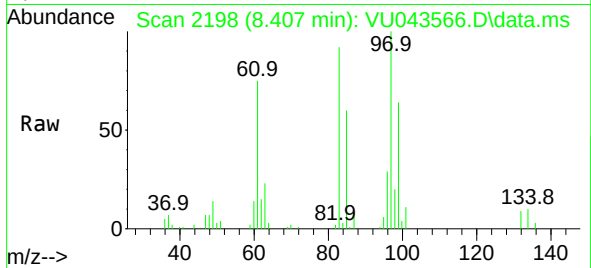
#54
 cis-1,3-Dichloropropene
 Concen: 19.07 ug/l
 RT: 7.613 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VU043566.D
 Acq: 05 May 2021 22:27

Tgt Ion: 75 Resp: 40057
 Ion Ratio Lower Upper
 75 100
 77 31.4 23.9 35.9
 39 66.2 50.6 75.8

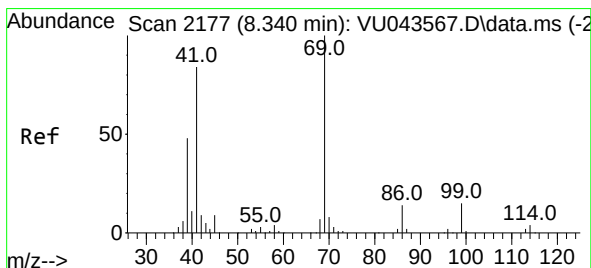
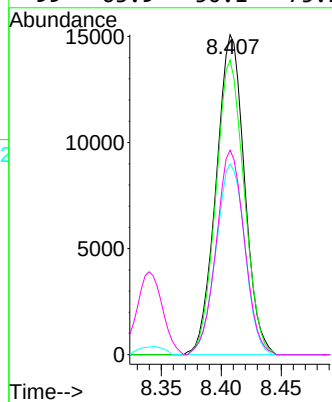
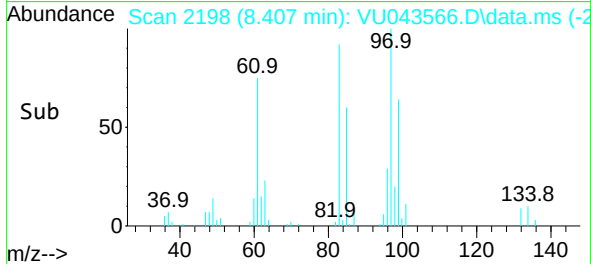




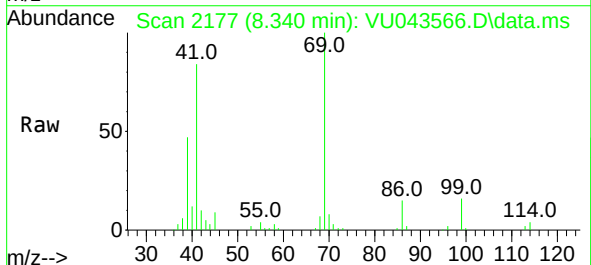
#55
1,1,2-Trichloroethane
Concen: 19.37 ug/l
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



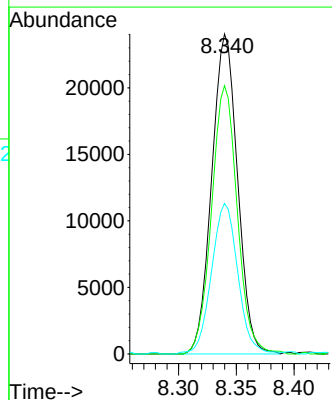
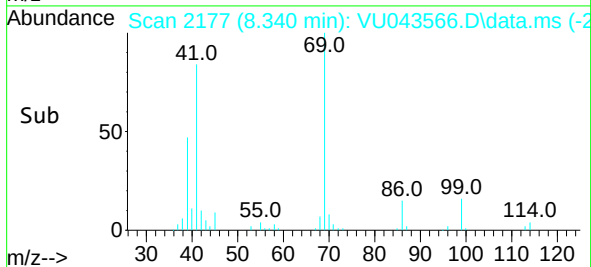
Tgt Ion:	97	Resp:	24747
Ion	Ratio	Lower	Upper
97	100		
83	92.1	74.4	111.6
85	59.6	46.6	70.0
99	63.9	50.1	75.1



#56
Ethyl methacrylate
Concen: 17.99 ug/l
RT: 8.340 min Scan# 2177
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



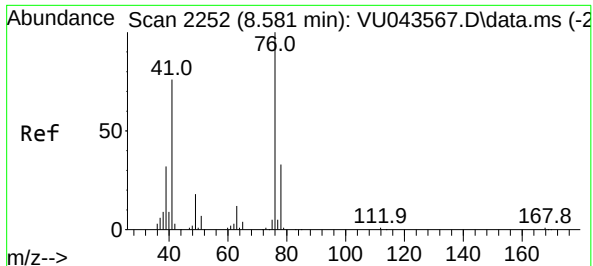
Tgt Ion:	69	Resp:	37400
Ion	Ratio	Lower	Upper
69	100		
41	83.6	66.7	100.1
39	48.0	37.8	56.8



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

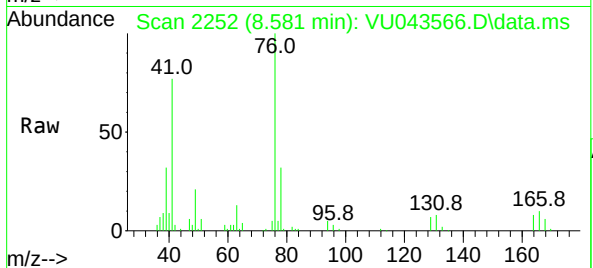
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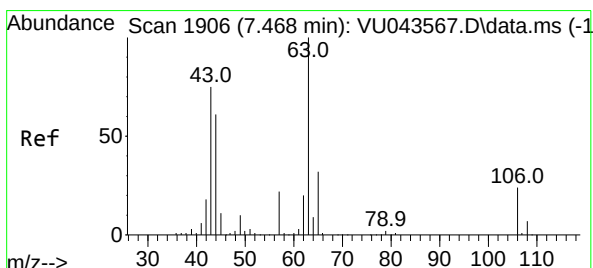
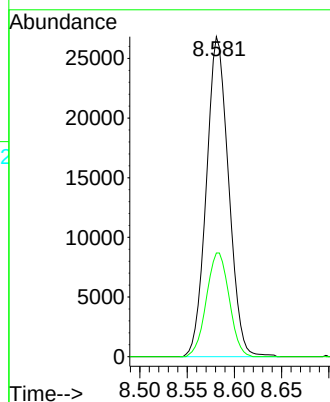
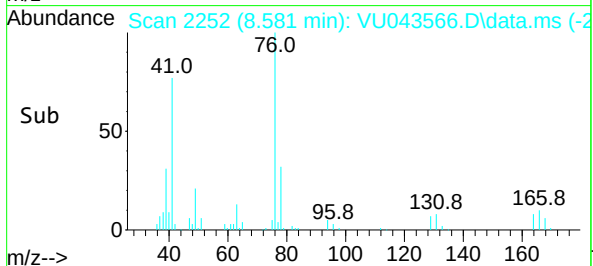


#57

1,3-Dichloropropane
Concen: 19.76 ug/l
RT: 8.581 min Scan# 2252
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

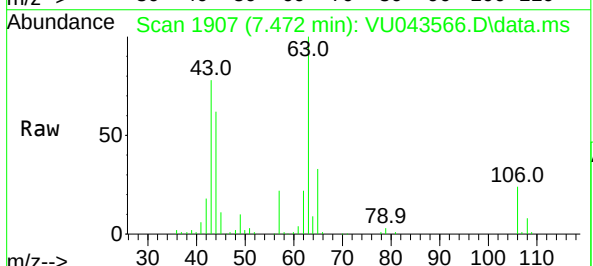


Tgt Ion: 76 Resp: 43865
Ion Ratio Lower Upper
76 100
78 33.2 25.9 38.9

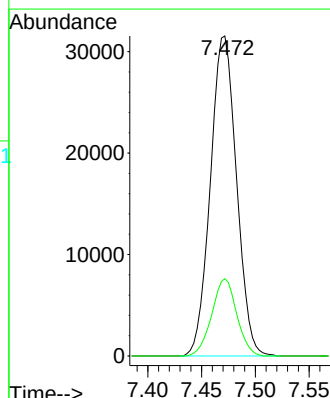
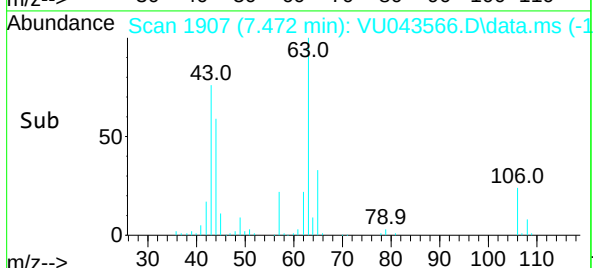


#58

2-Chloroethyl Vinyl ether
Concen: 74.67 ug/l
RT: 7.472 min Scan# 1907
Delta R.T. 0.003 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



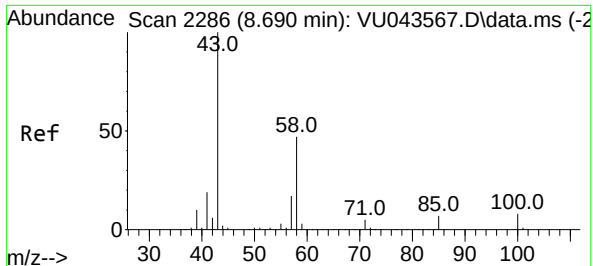
Tgt Ion: 63 Resp: 53309
Ion Ratio Lower Upper
63 100
106 23.0 18.6 28.0



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
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5/7/2021 12:51:35 PM



#59

2-Hexanone

Concen: 88.48 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VU043566.D

Acq: 05 May 2021 22:27

Tgt Ion: 43 Resp: 217988

Ion Ratio Lower Upper

43 100

58 46.3 23.4 70.2

Instrument :

MSVOA_U

ClientSampled :

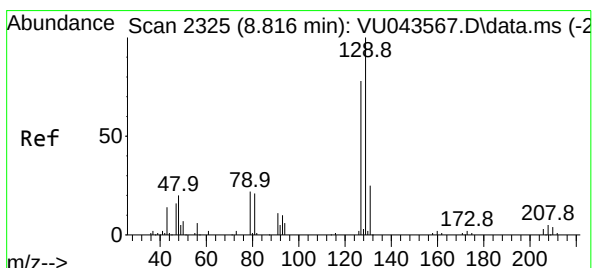
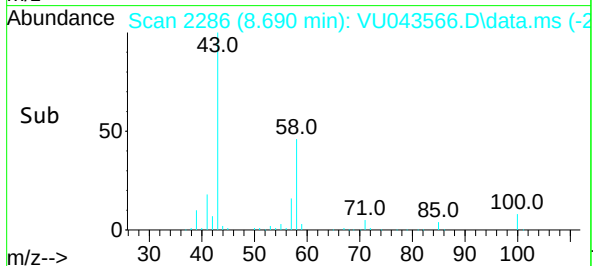
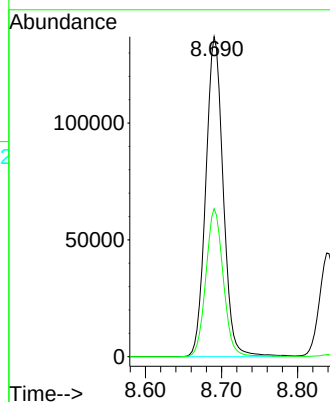
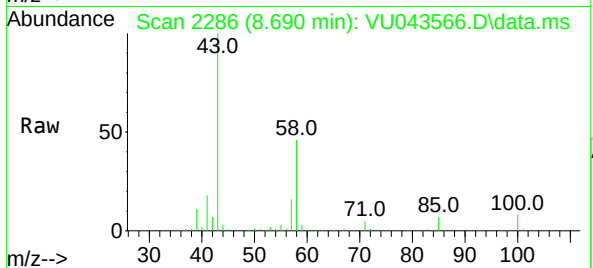
VSTDIC020

Manual Integrations

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5/7/2021 12:51:35 PM



#60

Dibromochloromethane

Concen: 18.15 ug/l

RT: 8.816 min Scan# 2325

Delta R.T. 0.000 min

Lab File: VU043566.D

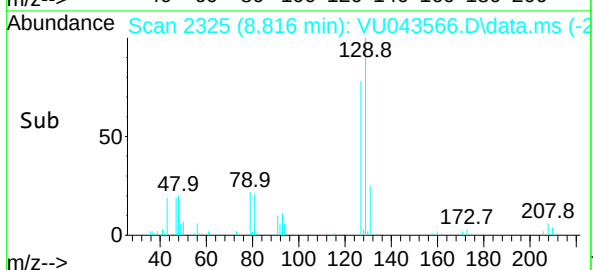
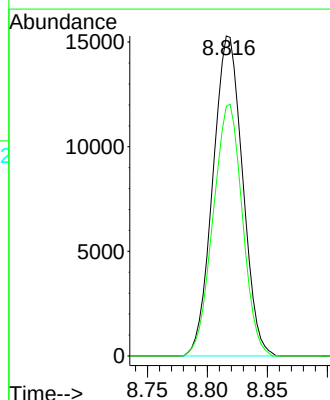
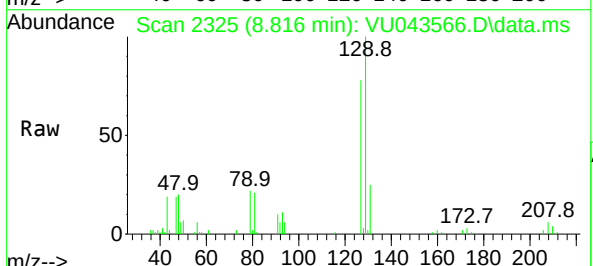
Acq: 05 May 2021 22:27

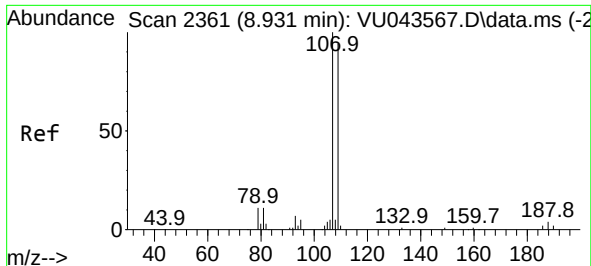
Tgt Ion: 129 Resp: 26283

Ion Ratio Lower Upper

129 100

127 77.5 39.0 116.9





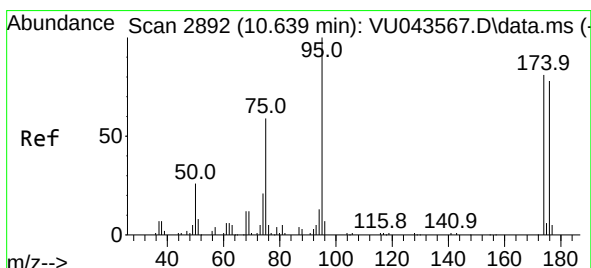
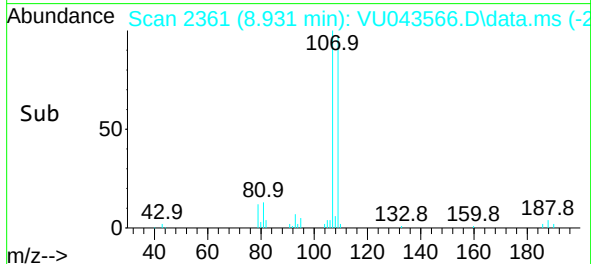
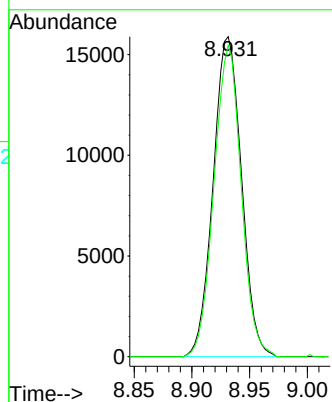
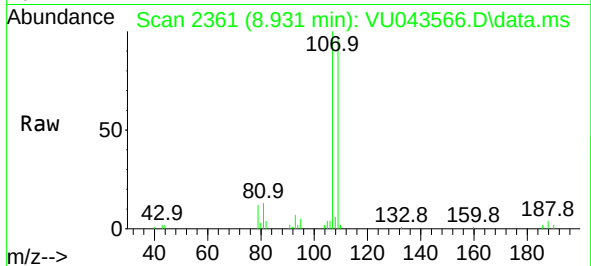
#61
1,2-Dibromoethane
Concen: 19.00 ug/l
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 27117
Ion Ratio Lower Upper
107 100
109 93.4 74.4 111.6

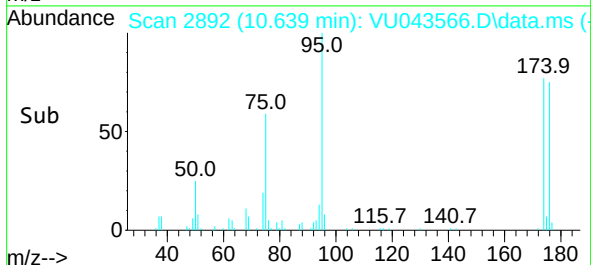
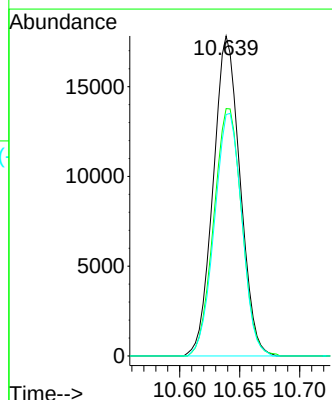
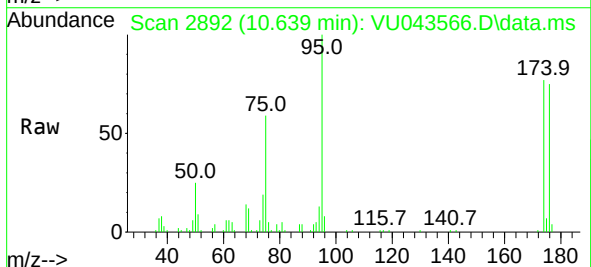
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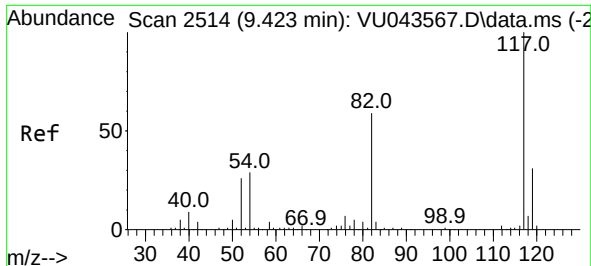
MMDadoda
5/7/2021 12:51:35 PM



#62
4-Bromofluorobenzene
Concen: 16.82 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

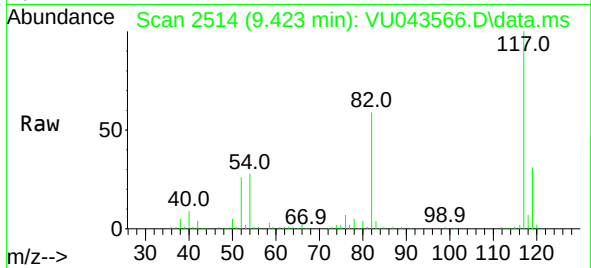
Tgt Ion: 95 Resp: 27753
Ion Ratio Lower Upper
95 100
174 80.4 0.0 158.8
176 77.4 0.0 155.6





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

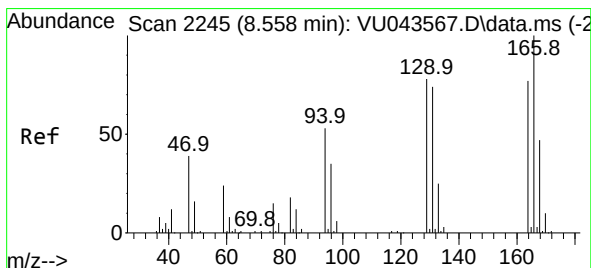
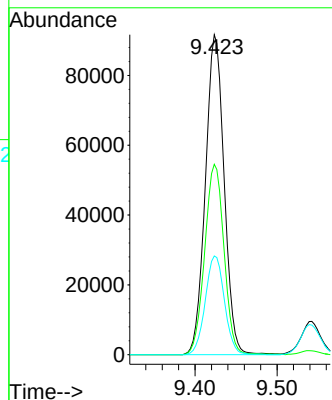
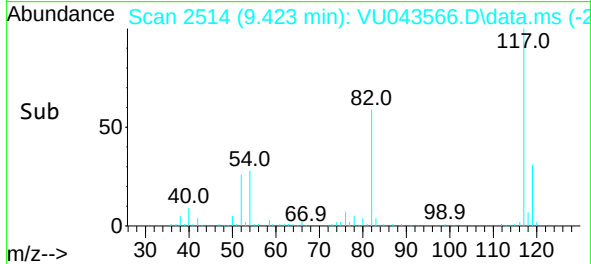
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



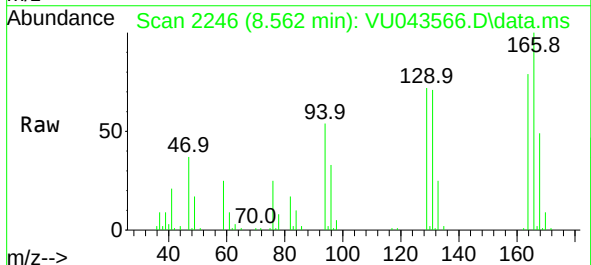
Tgt Ion:117 Resp: 145809
Ion Ratio Lower Upper
117 100
82 59.5 47.5 71.3
119 30.9 24.7 37.1

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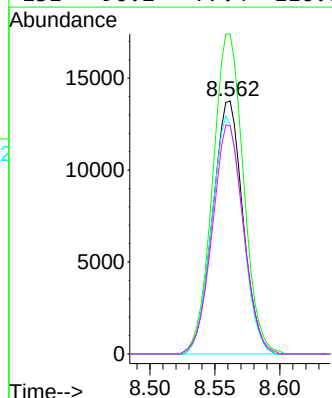
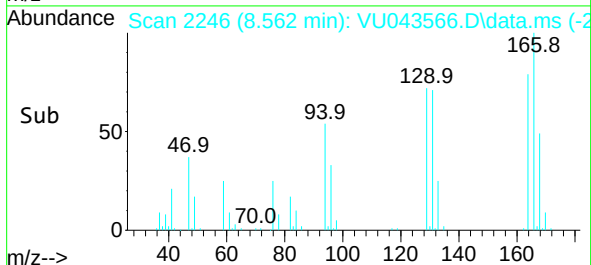
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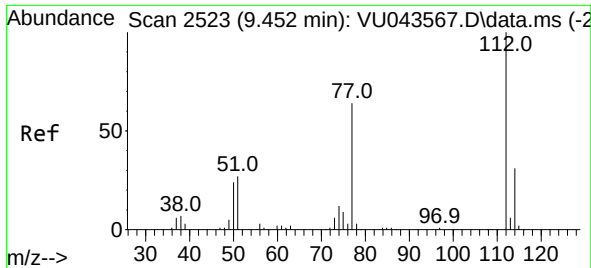


#64
Tetrachloroethene
Concen: 20.54 ug/l
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



Tgt Ion:164 Resp: 22270
Ion Ratio Lower Upper
164 100
166 126.5 104.3 156.5
129 90.8 81.3 121.9
131 90.2 77.4 116.0





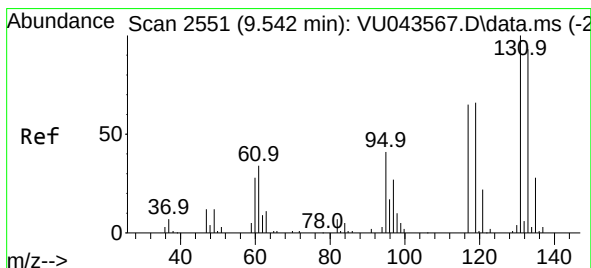
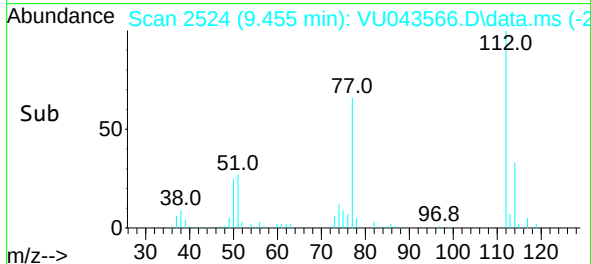
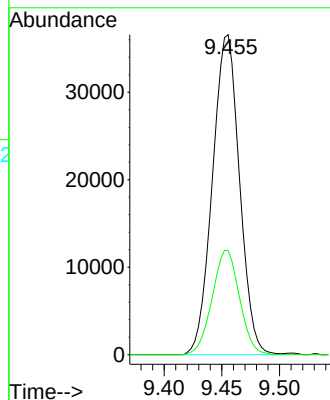
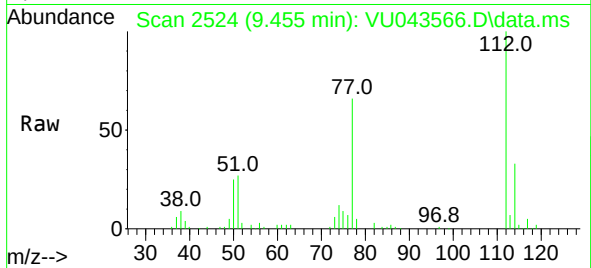
#65
Chlorobenzene
Concen: 18.83 ug/l
RT: 9.455 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion:112 Resp: 59668
Ion Ratio Lower Upper
112 100
114 32.5 24.6 37.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

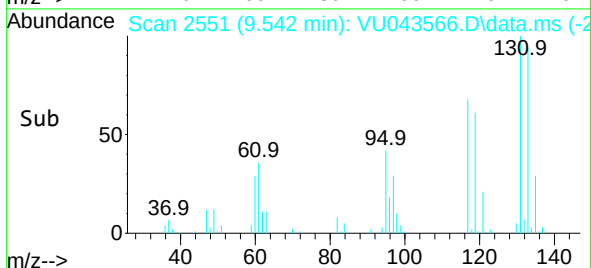
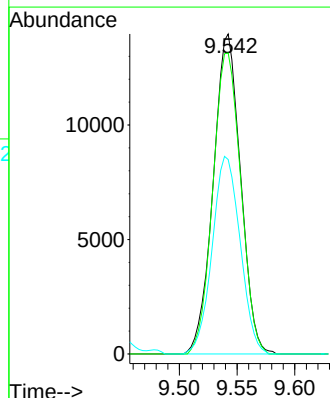
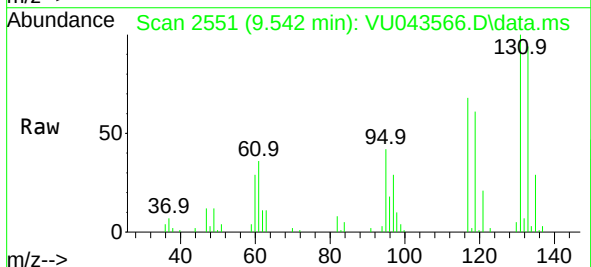
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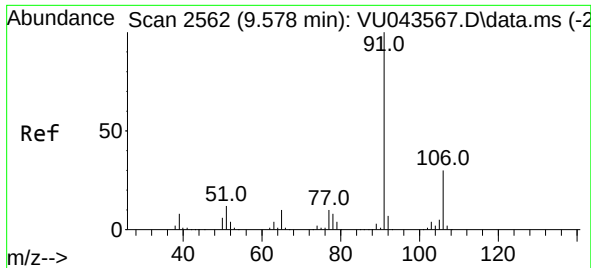
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5/7/2021 12:51:35 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.04 ug/l
RT: 9.542 min Scan# 2551
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion:131 Resp: 23003
Ion Ratio Lower Upper
131 100
133 96.0 46.9 140.6
119 63.1 32.8 98.4





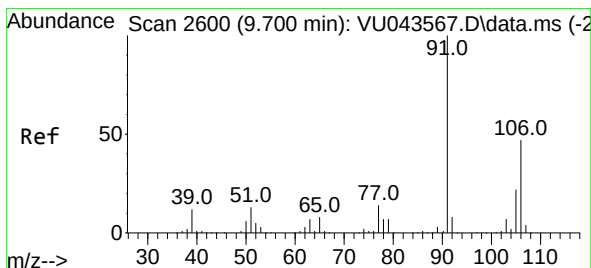
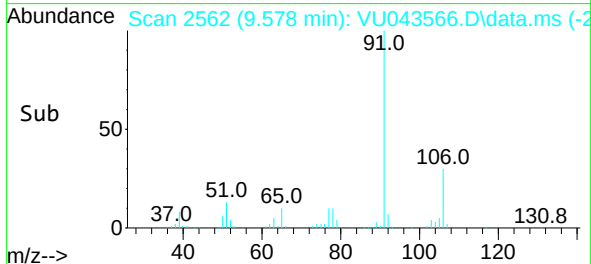
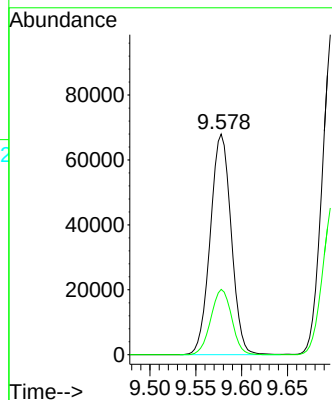
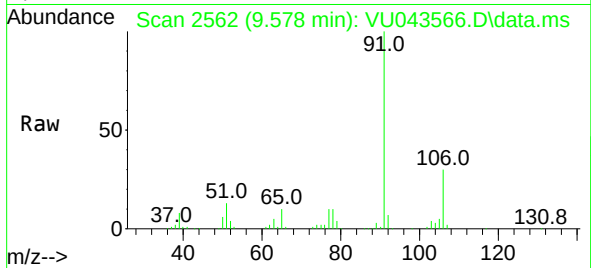
#67
Ethyl Benzene
Concen: 18.78 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion: 91 Resp: 107911
Ion Ratio Lower Upper
91 100
106 29.6 24.0 36.0

Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

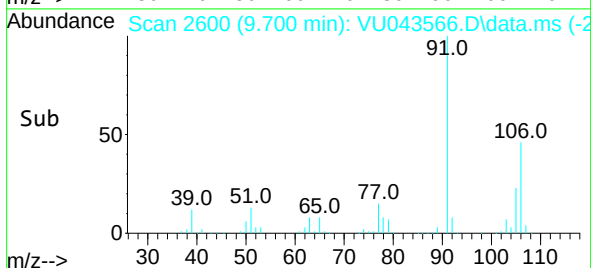
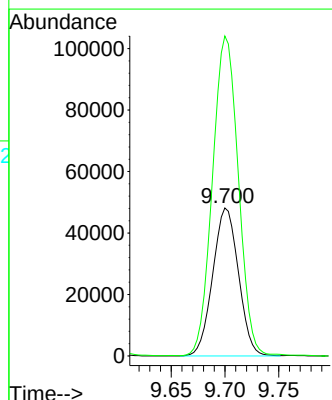
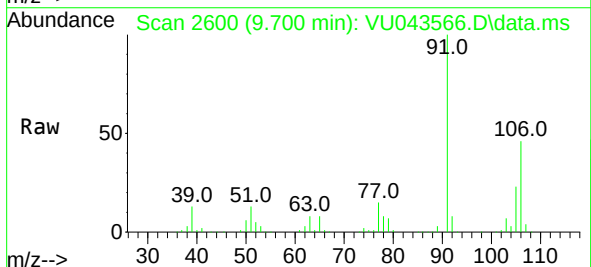
Manual Integrations
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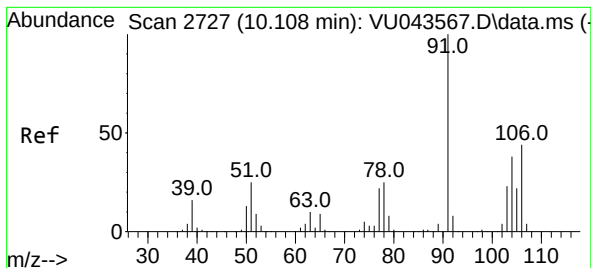
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5/7/2021 12:51:35 PM



#68
m/p-Xylenes
Concen: 37.78 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion: 106 Resp: 80093
Ion Ratio Lower Upper
106 100
91 218.1 171.7 257.5





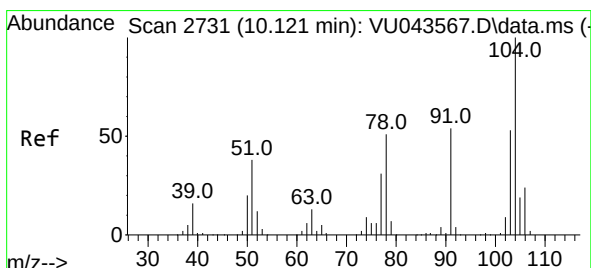
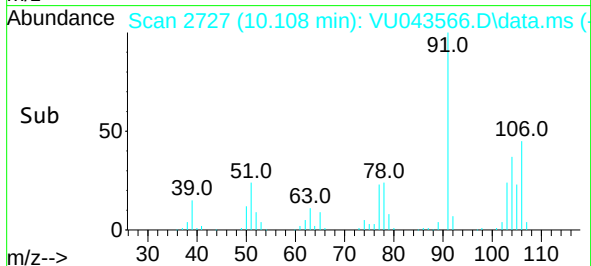
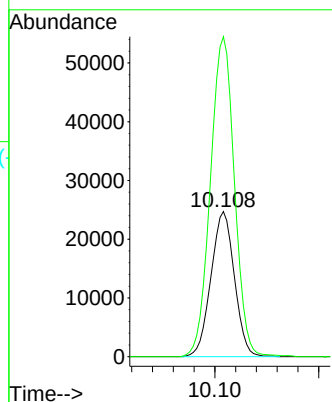
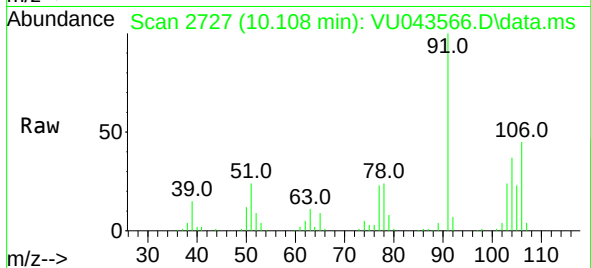
#69
o-Xylene
Concen: 18.73 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion:106 Resp: 38679
Ion Ratio Lower Upper
106 100
91 226.4 114.5 343.5

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

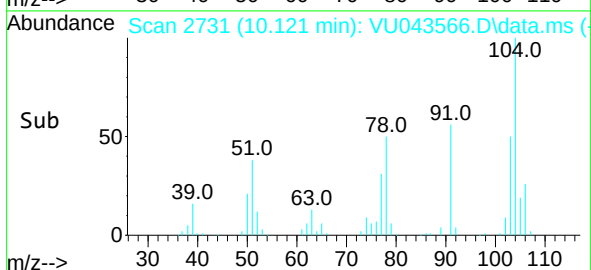
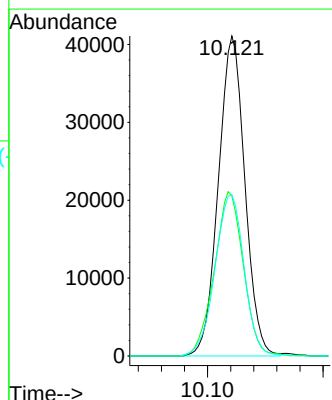
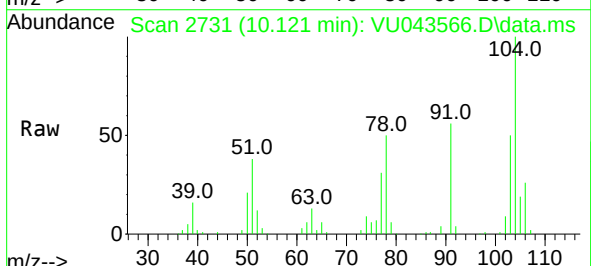
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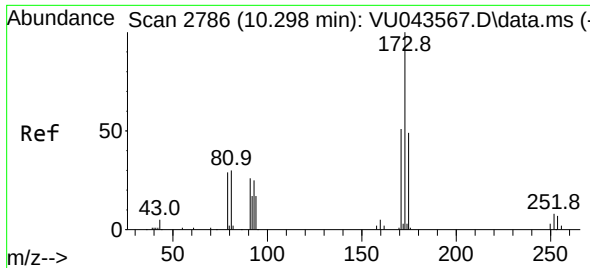
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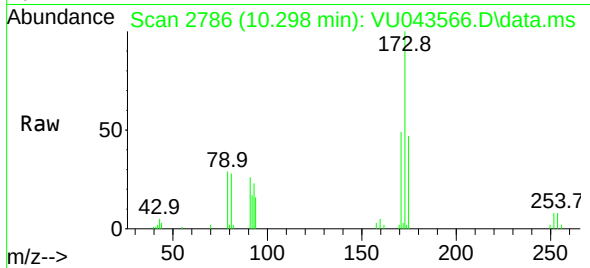
#70
Styrene
Concen: 18.78 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion:104 Resp: 65453
Ion Ratio Lower Upper
104 100
78 56.2 44.6 67.0
103 55.4 45.1 67.7

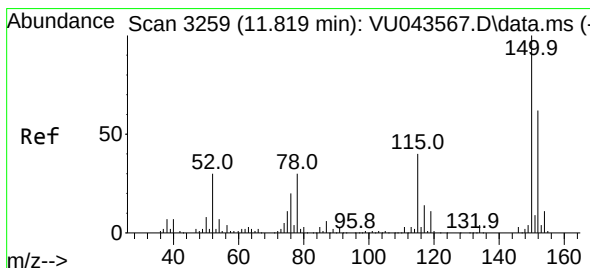
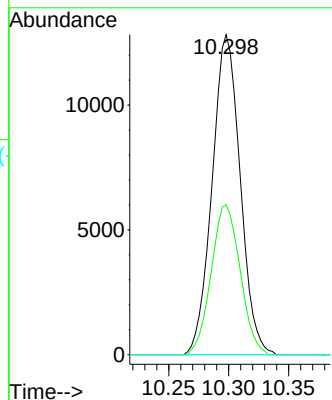
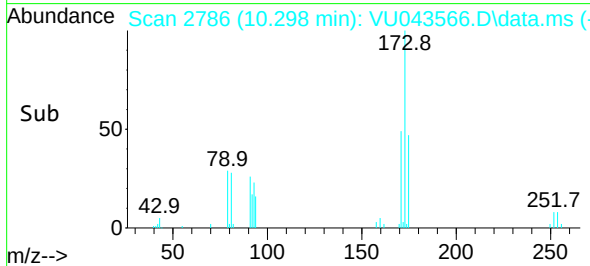




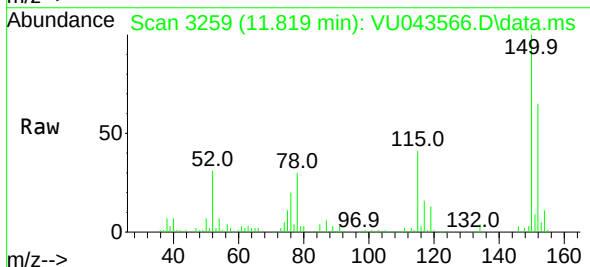
#71
Bromoform
Concen: 17.04 ug/l
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



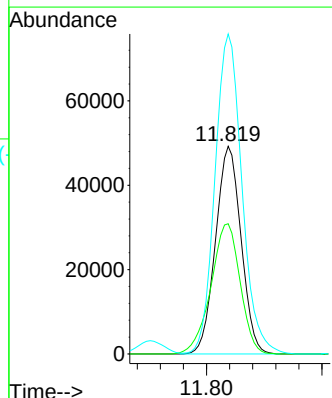
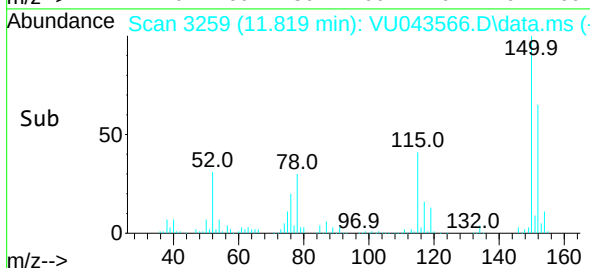
Tgt Ion:173 Resp: 20834
Ion Ratio Lower Upper
173 100
175 48.3 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



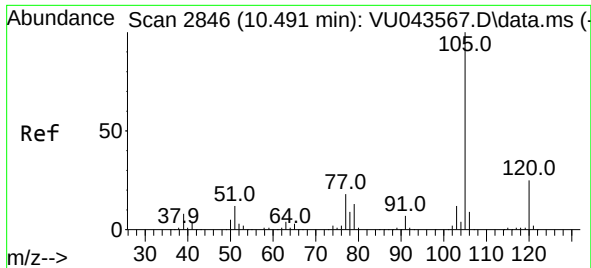
Tgt Ion:152 Resp: 75502
Ion Ratio Lower Upper
152 100
115 71.7 46.1 138.3
150 162.8 0.0 361.0



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

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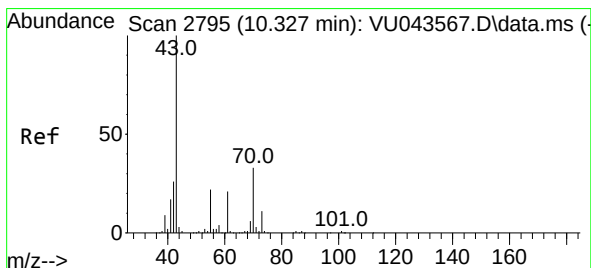
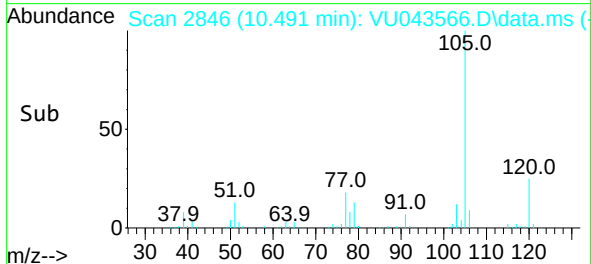
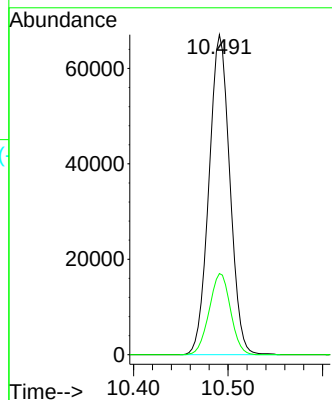
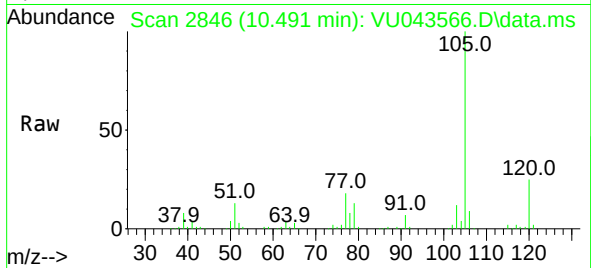
#73
Isopropylbenzene
Concen: 19.68 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion: 105 Resp: 102836
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.6

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

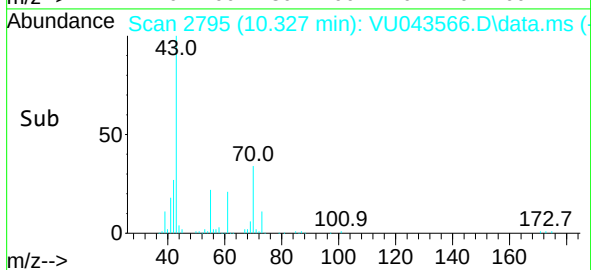
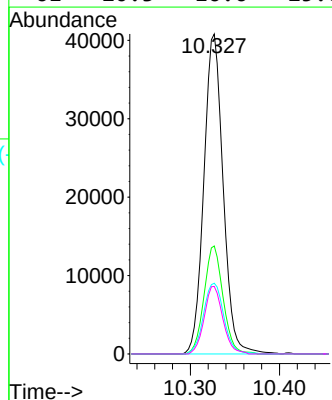
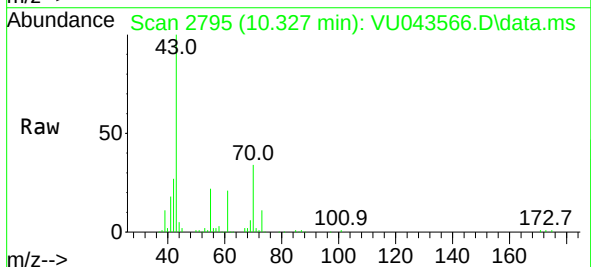
Manual Integrations
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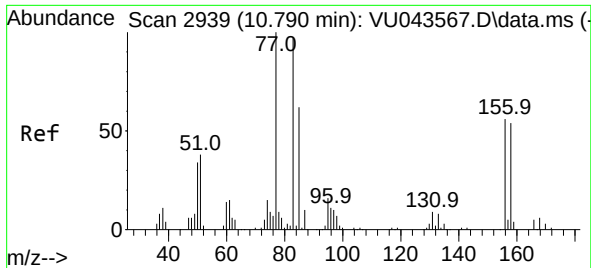
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5/7/2021 12:51:35 PM



#74
N-ethyl acetate
Concen: 18.21 ug/l
RT: 10.327 min Scan# 2795
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion: 43 Resp: 61307
Ion Ratio Lower Upper
43 100
70 33.2 26.4 39.6
55 23.3 18.0 27.0
61 20.3 16.6 25.0





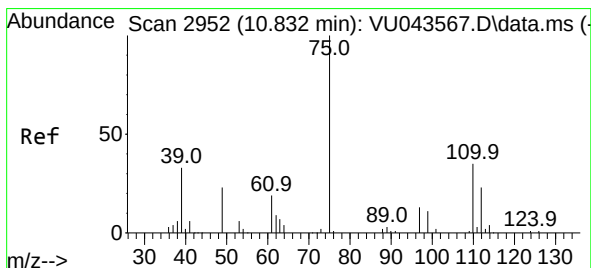
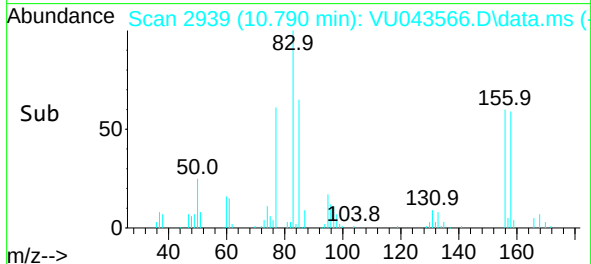
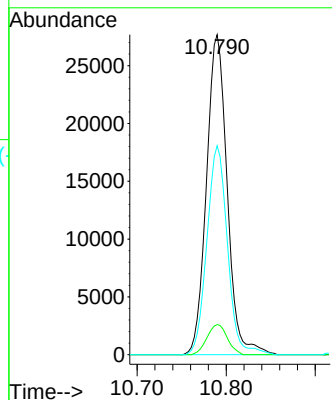
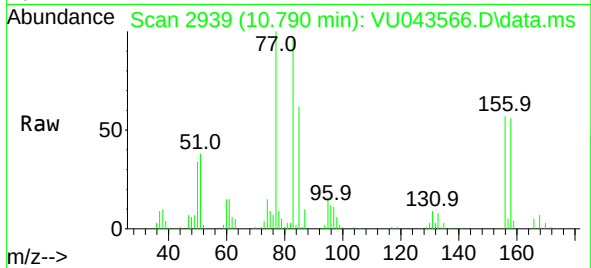
#75
1,1,2,2-Tetrachloroethane
Concen: 19.62 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion: 83 Resp: 44678
Ion Ratio Lower Upper
83 100
131 9.2 4.3 13.1
85 64.9 32.0 96.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

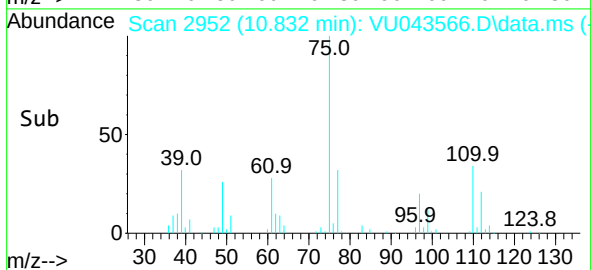
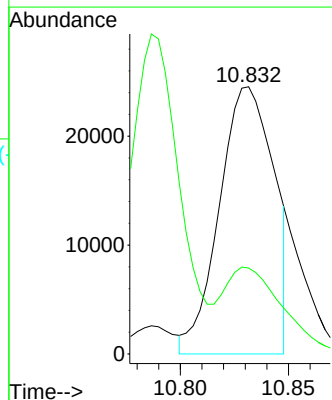
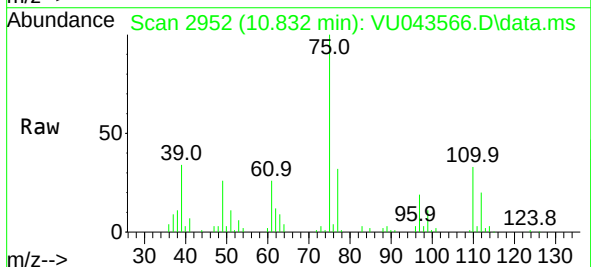
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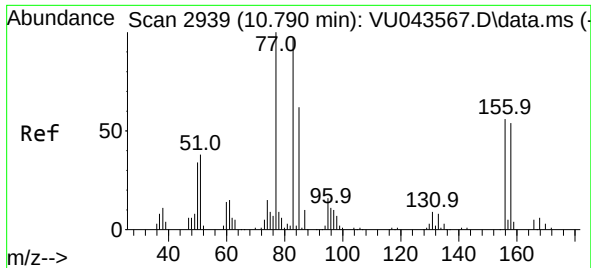
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5/7/2021 12:51:35 PM



#76
1,2,3-Trichloropropane
Concen: 18.84 ug/l m
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion: 75 Resp: 43021
Ion Ratio Lower Upper
75 100
77 34.9 17.1 51.3





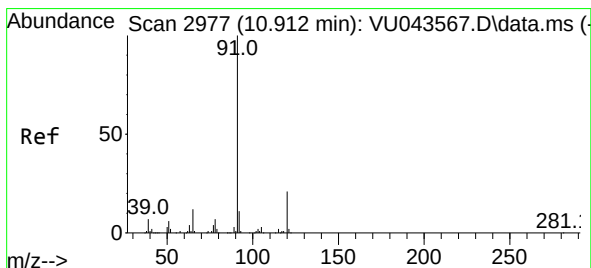
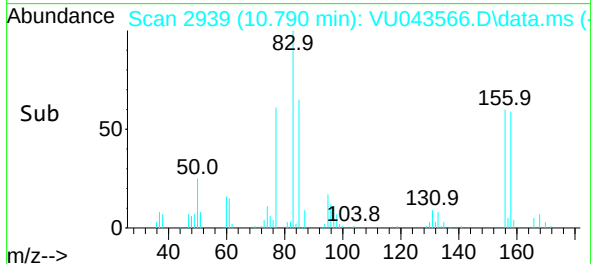
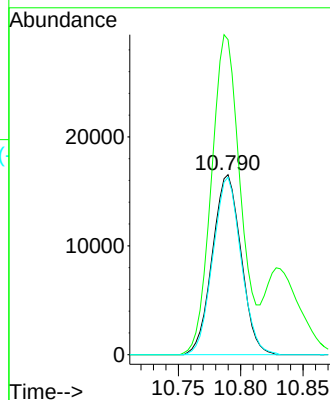
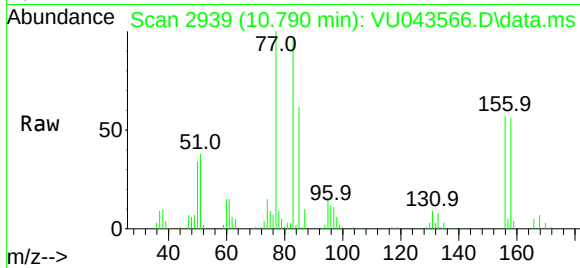
#77
Bromobenzene
Concen: 18.48 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion: 156 Resp: 26547
Ion Ratio Lower Upper
156 100
77 180.3 91.5 274.4
158 96.7 48.9 146.6

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

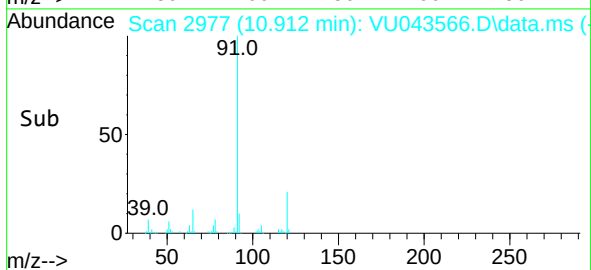
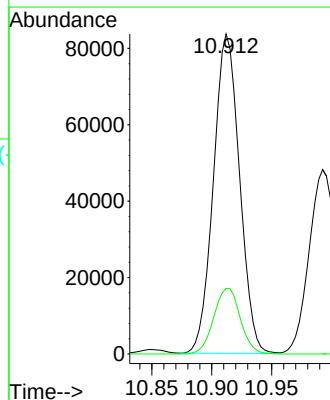
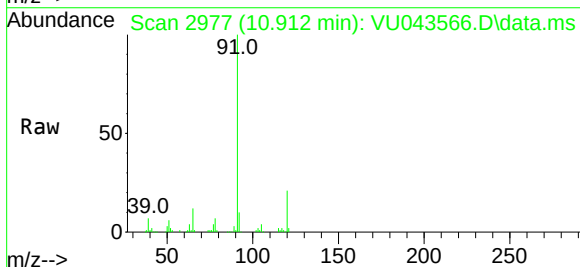
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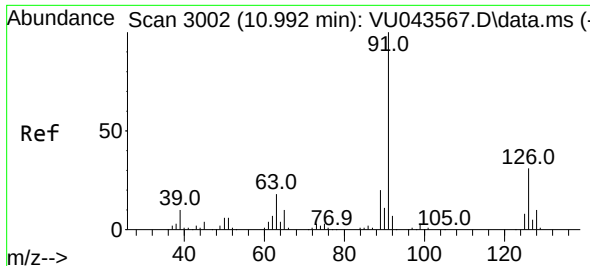
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5/7/2021 12:51:35 PM



#78
n-propylbenzene
Concen: 20.09 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion: 91 Resp: 126393
Ion Ratio Lower Upper
91 100
120 20.9 10.4 31.2





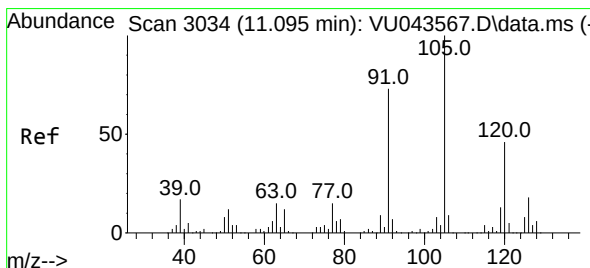
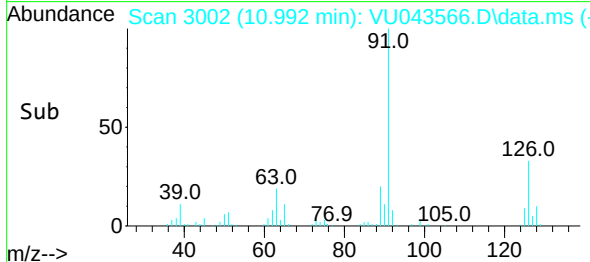
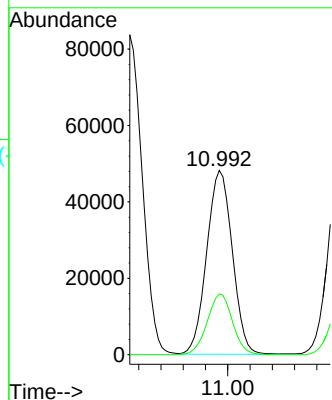
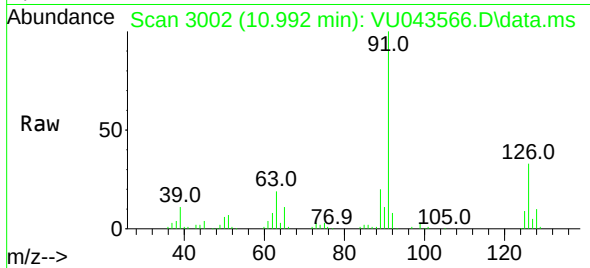
#79
2-Chlorotoluene
Concen: 20.13 ug/l
RT: 10.992 min Scan# 3002
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion: 91 Resp: 76929
Ion Ratio Lower Upper
91 100
126 32.5 15.8 47.3

Instrument :
MSVOA_U
ClientSampled :
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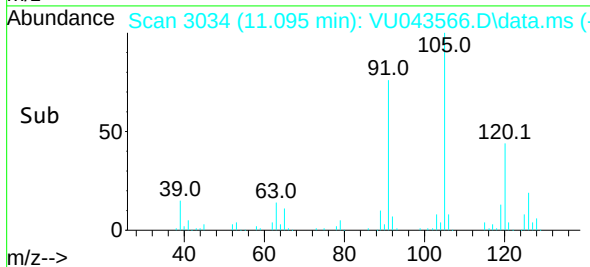
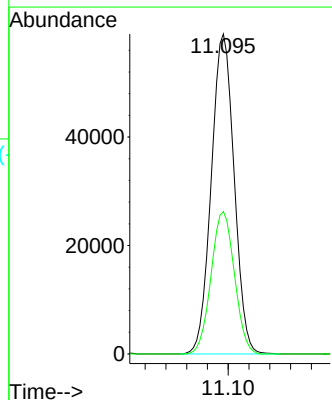
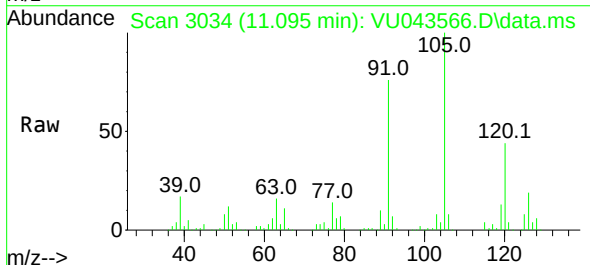
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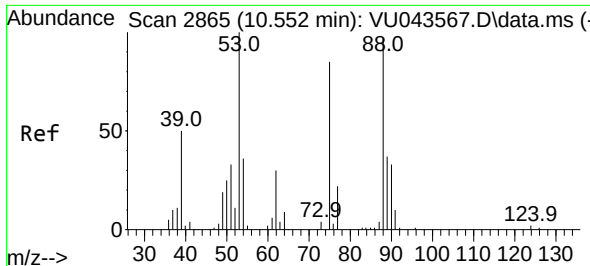
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5/7/2021 12:51:35 PM



#80
1,3,5-Trimethylbenzene
Concen: 19.64 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion: 105 Resp: 90029
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.7





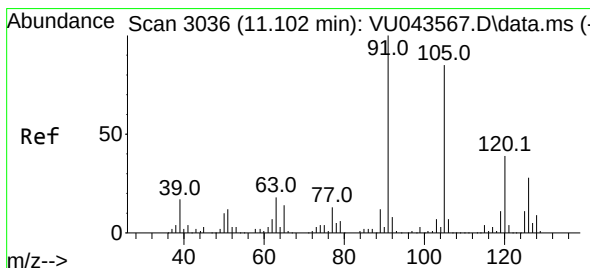
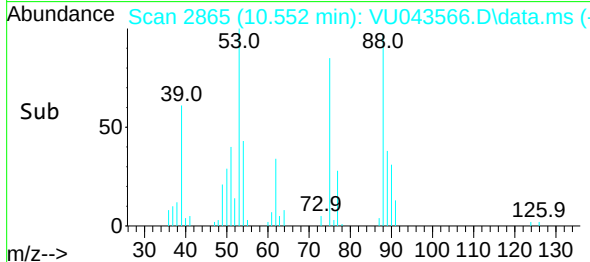
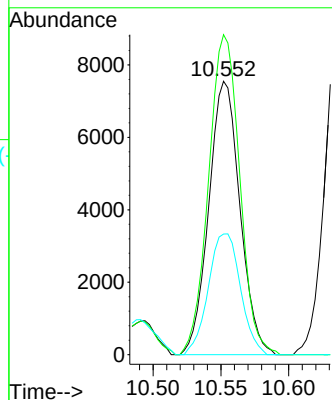
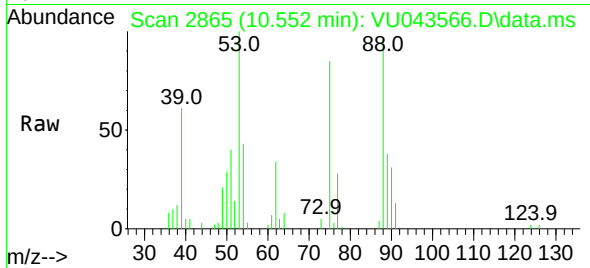
#81
trans-1,4-Dichloro-2-butene
Concen: 16.19 ug/l
RT: 10.552 min Scan# 2865
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion:	75	Resp:	12065
Ion	Ratio	Lower	Upper
75	100		
53	116.9	95.8	143.8
89	45.6	36.1	54.1

Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

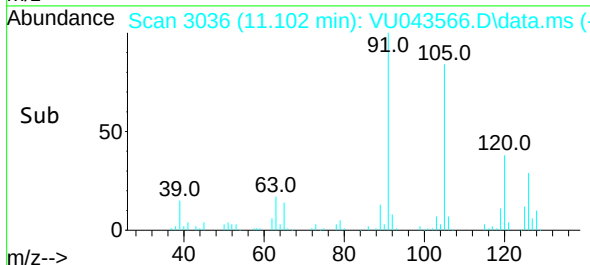
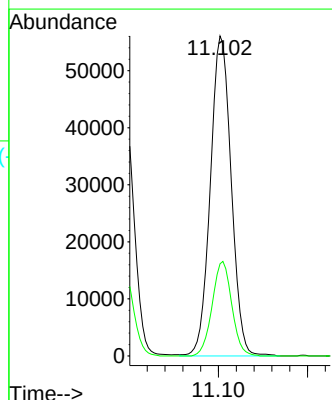
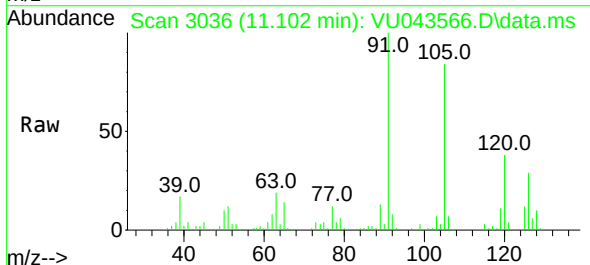
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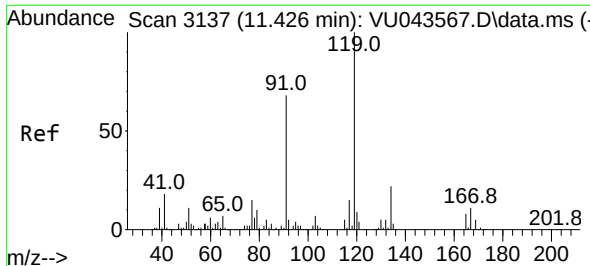
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5/7/2021 12:51:35 PM



#82
4-Chlorotoluene
Concen: 19.94 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

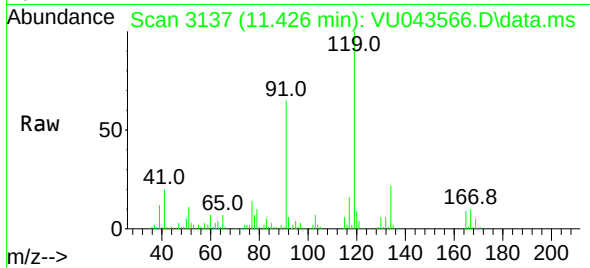
Tgt Ion:	91	Resp:	91123
Ion	Ratio	Lower	Upper
91	100		
126	27.8	13.7	41.0





#83
tert-Butylbenzene
Concen: 18.76 ug/l
RT: 11.426 min Scan# 3137
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

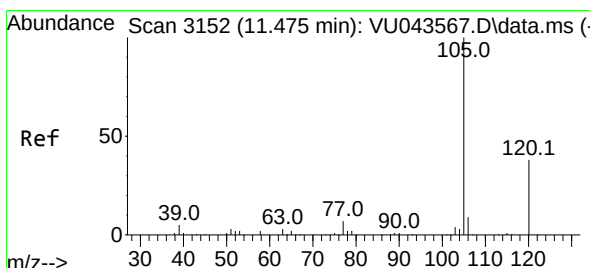
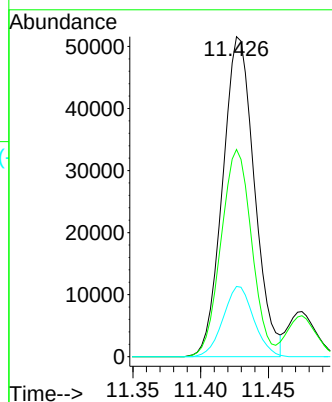
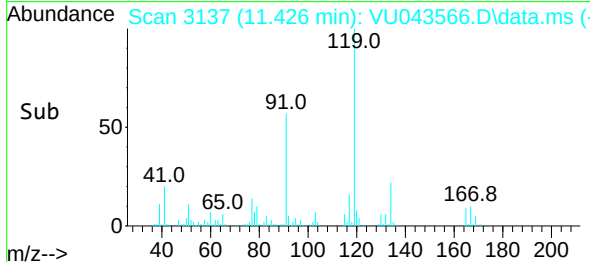
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



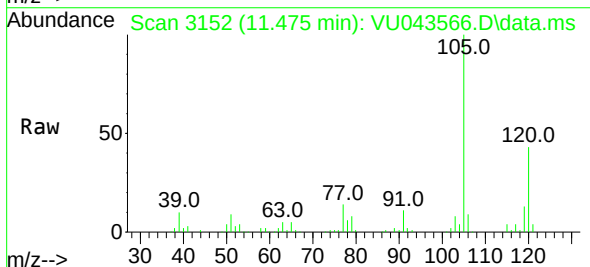
Tgt Ion:119 Resp: 84030
Ion Ratio Lower Upper
119 100
91 62.7 32.0 96.0
134 21.2 10.9 32.9

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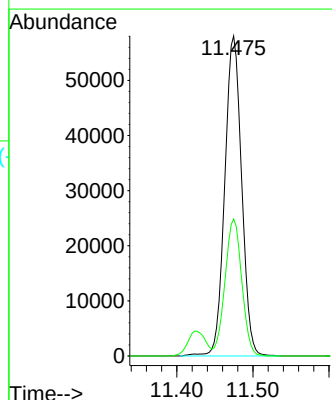
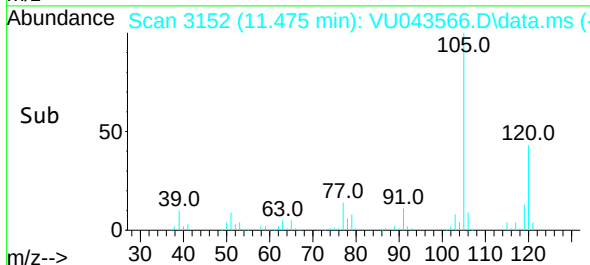
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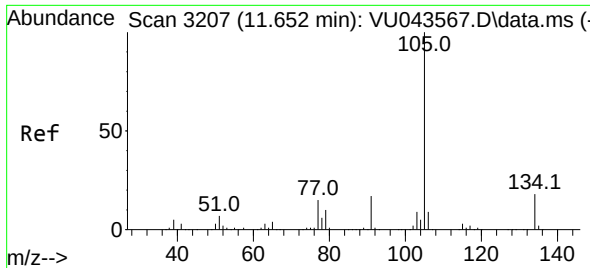


#84
1,2,4-Trimethylbenzene
Concen: 19.02 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



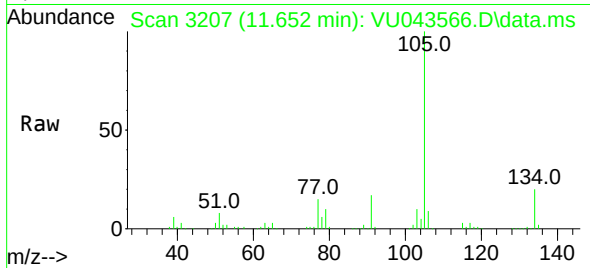
Tgt Ion:105 Resp: 89371
Ion Ratio Lower Upper
105 100
120 42.6 21.4 64.2





#85
 sec-Butylbenzene
 Concen: 19.72 ug/l
 RT: 11.652 min Scan# 3207
 Delta R.T. 0.000 min
 Lab File: VU043566.D
 Acq: 05 May 2021 22:27

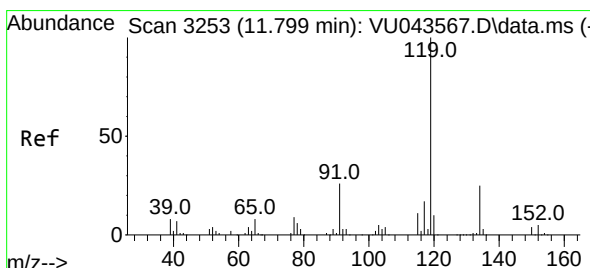
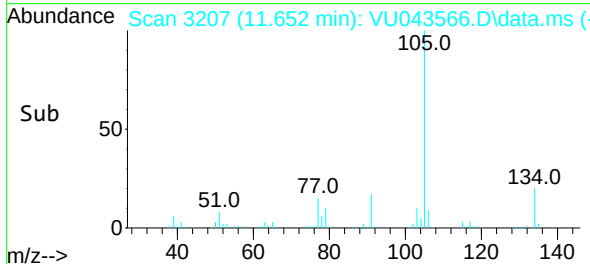
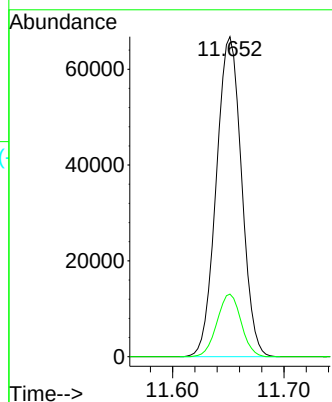
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020



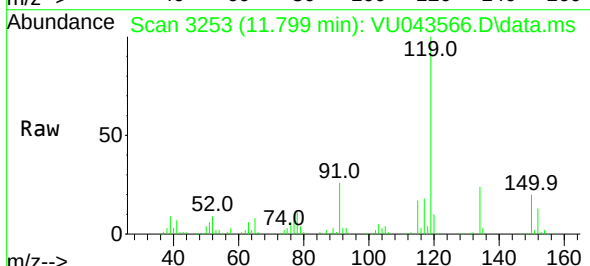
Tgt Ion:105 Resp: 105161
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.2 27.6

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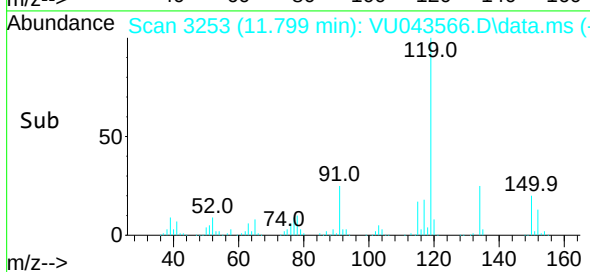
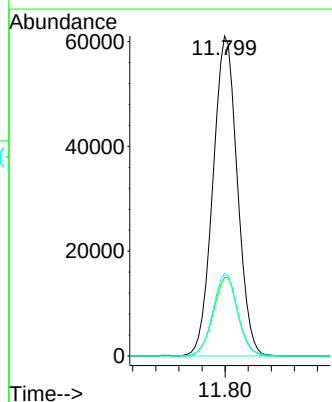
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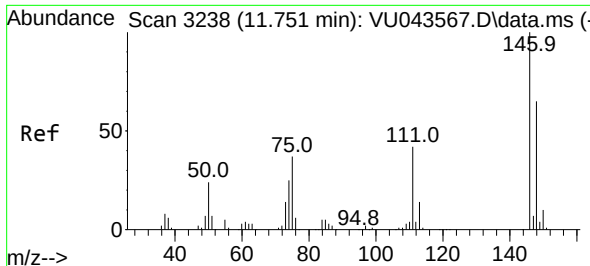


#86
 p-Isopropyltoluene
 Concen: 18.54 ug/l
 RT: 11.799 min Scan# 3253
 Delta R.T. 0.000 min
 Lab File: VU043566.D
 Acq: 05 May 2021 22:27



Tgt Ion:119 Resp: 89554
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.0
 91 26.0 13.3 39.9





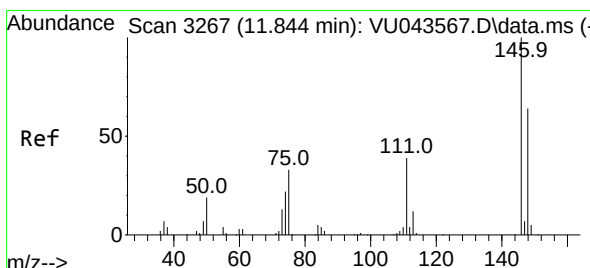
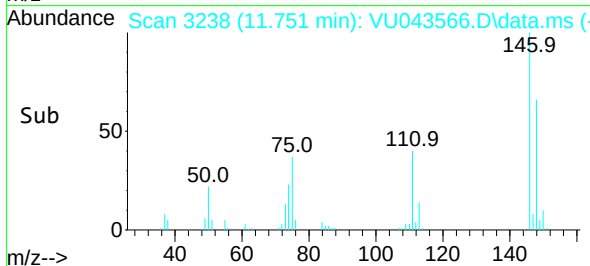
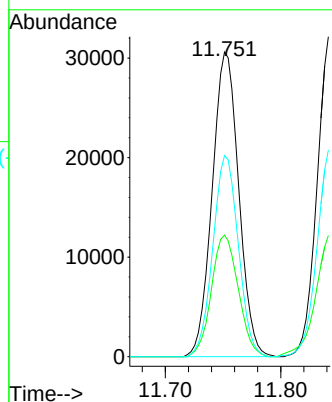
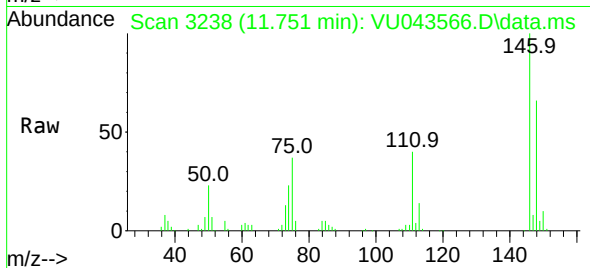
#87
1,3-Dichlorobenzene
Concen: 18.77 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion:146 Resp: 48830
Ion Ratio Lower Upper
146 100
111 40.3 20.9 62.7
148 63.3 32.6 97.7

Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

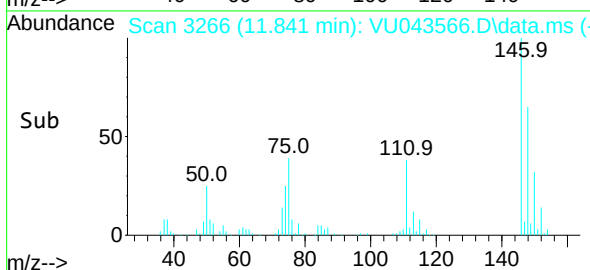
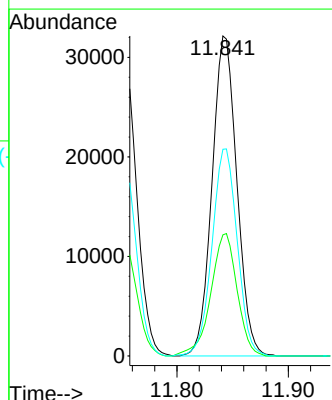
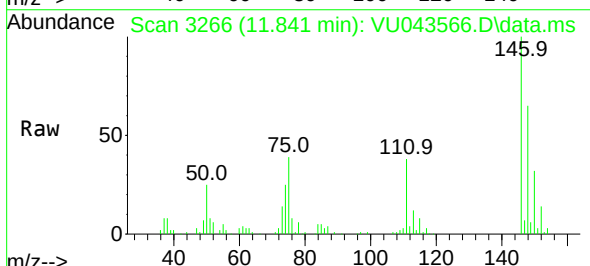
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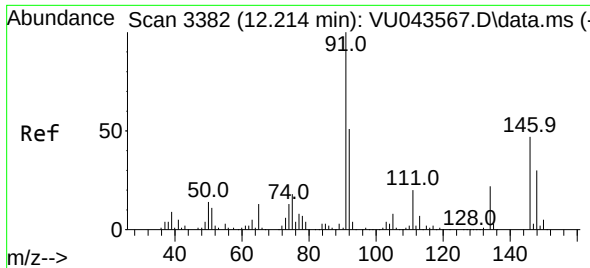
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5/7/2021 12:51:35 PM



#88
1,4-Dichlorobenzene
Concen: 18.39 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion:146 Resp: 49838
Ion Ratio Lower Upper
146 100
111 40.5 20.2 60.6
148 65.9 31.7 95.1





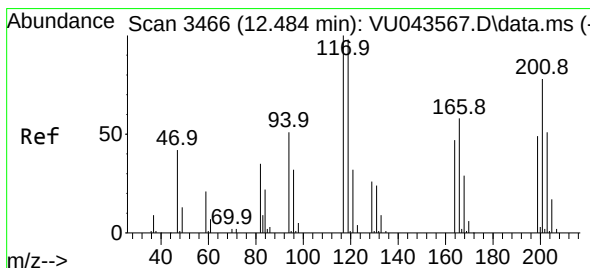
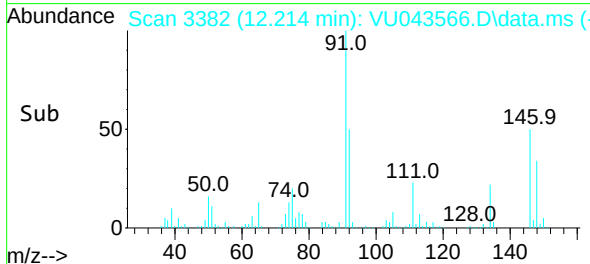
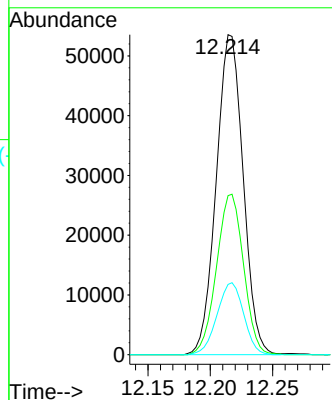
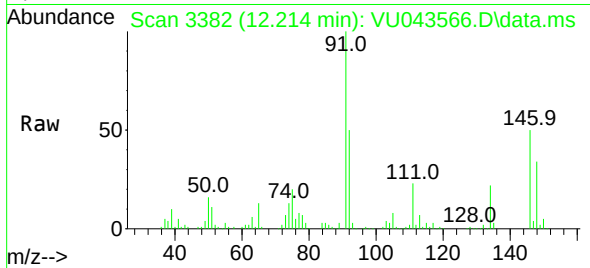
#89
n-Butylbenzene
Concen: 17.80 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion:	91	Resp:	80529
Ion	Ratio	Lower	Upper
91	100		
92	50.3	25.4	76.2
134	22.2	11.3	33.9

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

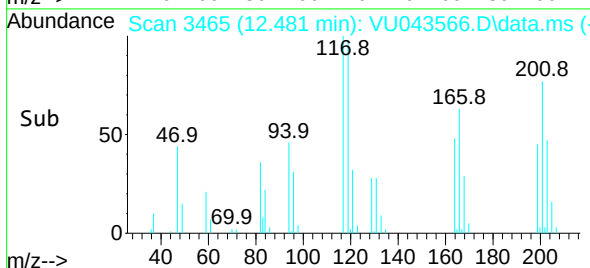
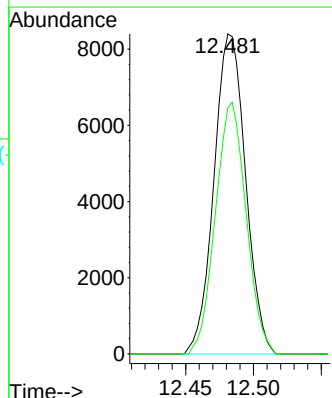
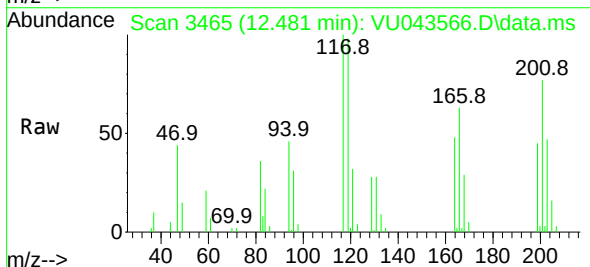
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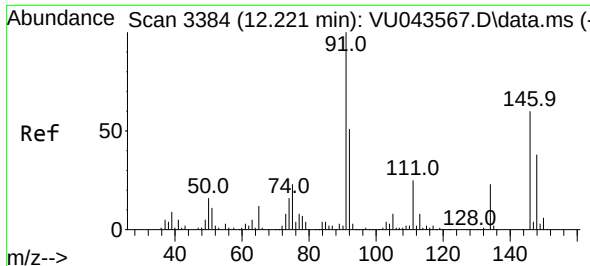
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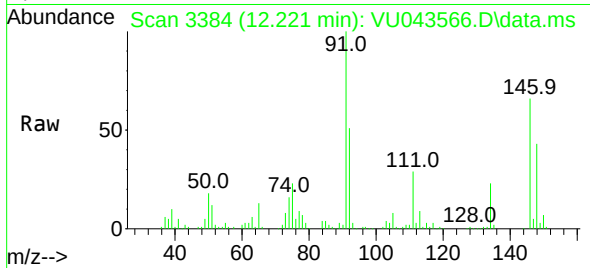
#90
Hexachloroethane
Concen: 15.61 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. -0.003 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27

Tgt Ion:	117	Resp:	13619
Ion	Ratio	Lower	Upper
117	100		
201	76.4	38.6	115.7

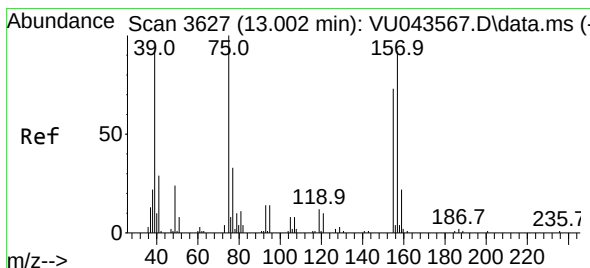
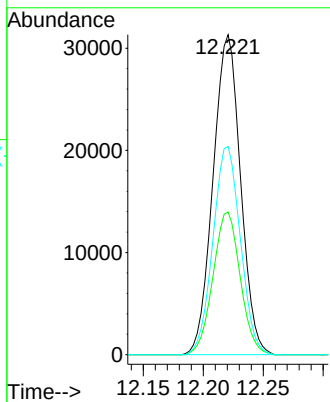
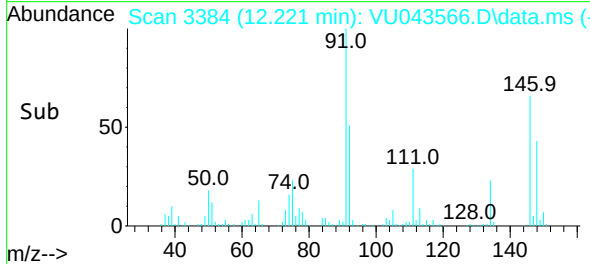




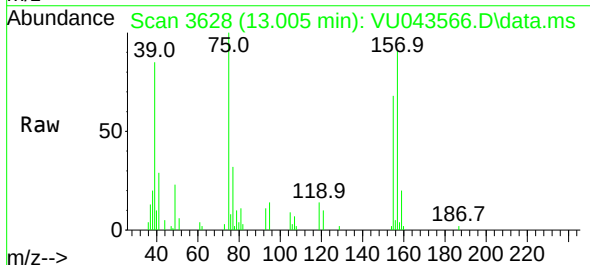
#91
1,2-Dichlorobenzene
Concen: 18.70 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



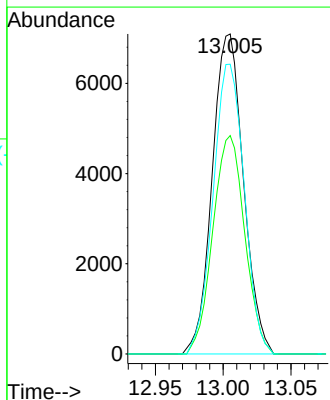
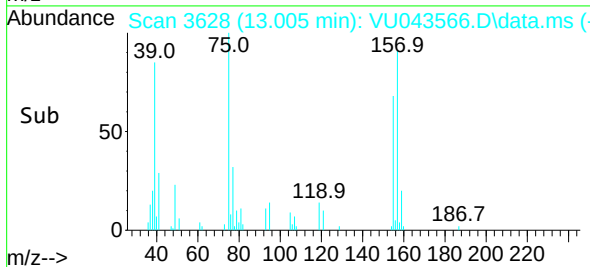
Tgt Ion:146 Resp: 49867
Ion Ratio Lower Upper
146 100
111 44.2 21.1 63.4
148 65.1 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.99 ug/l
RT: 13.005 min Scan# 3628
Delta R.T. 0.003 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



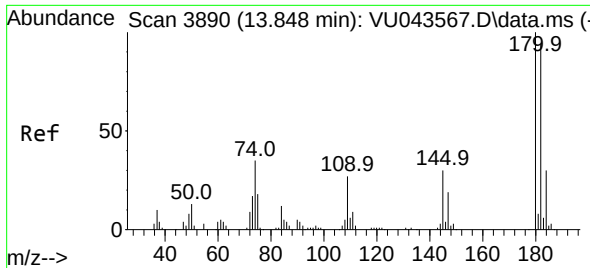
Tgt Ion: 75 Resp: 11374
Ion Ratio Lower Upper
75 100
155 69.7 36.7 110.1
157 90.3 47.1 141.4



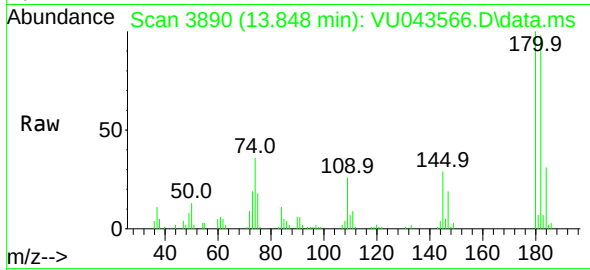
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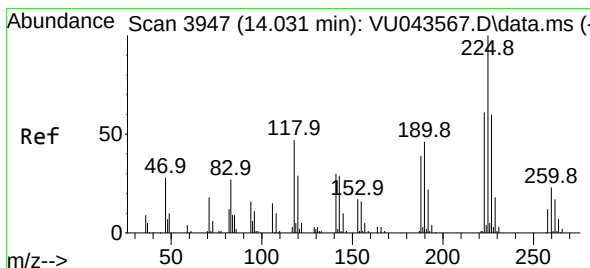
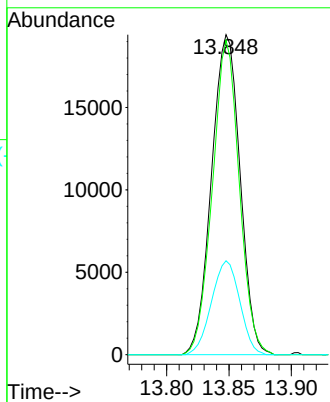
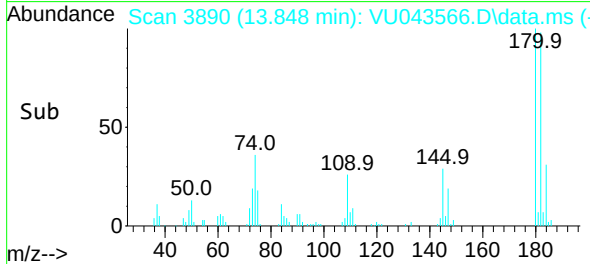
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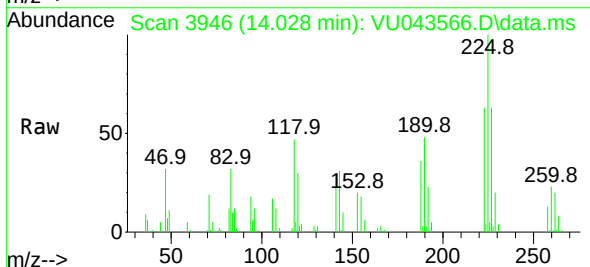
#93
1,2,4-Trichlorobenzene
Concen: 17.25 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



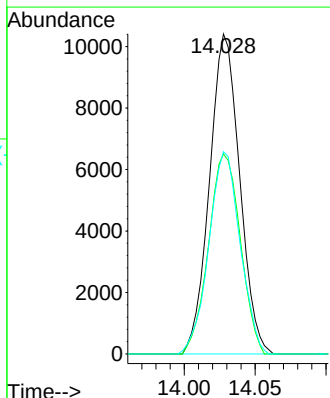
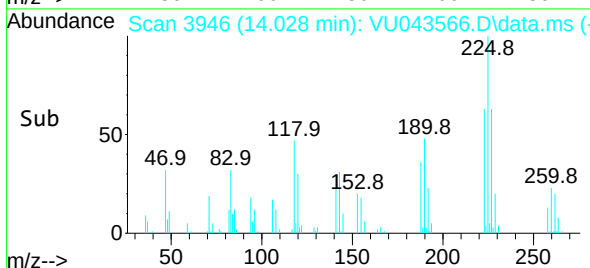
Tgt Ion:180 Resp: 30919
Ion Ratio Lower Upper
180 100
182 92.4 47.2 141.6
145 29.1 14.9 44.9



#94
Hexachlorobutadiene
Concen: 16.22 ug/l
RT: 14.028 min Scan# 3946
Delta R.T. -0.003 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



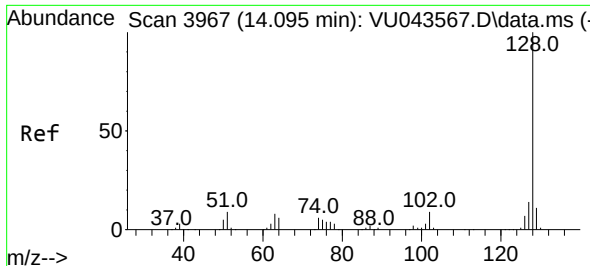
Tgt Ion:225 Resp: 15406
Ion Ratio Lower Upper
225 100
223 65.9 31.5 94.5
227 65.5 31.6 94.8



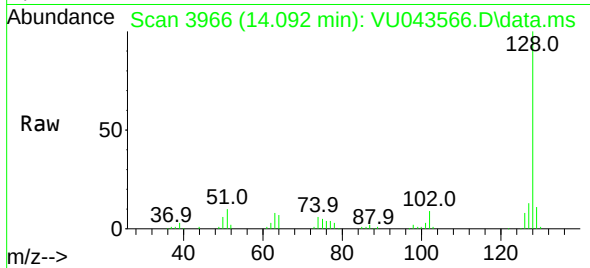
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
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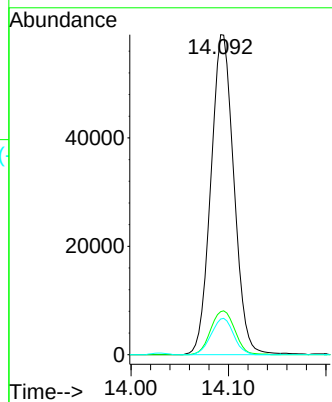
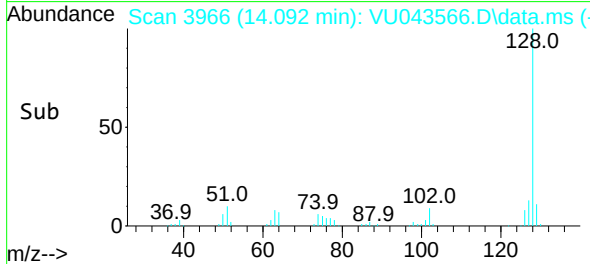
MMDadoda
5/7/2021 12:51:35 PM



#95
Naphthalene
Concen: 17.58 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



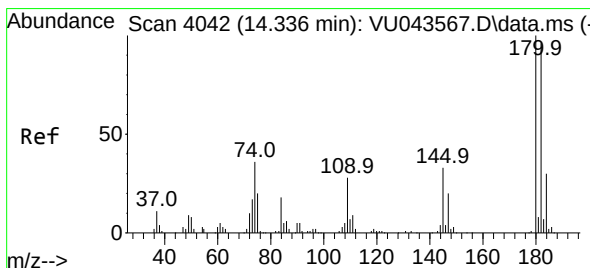
Tgt Ion:128 Resp: 96808
Ion Ratio Lower Upper
128 100
127 14.4 10.7 16.1
129 11.1 8.6 12.8



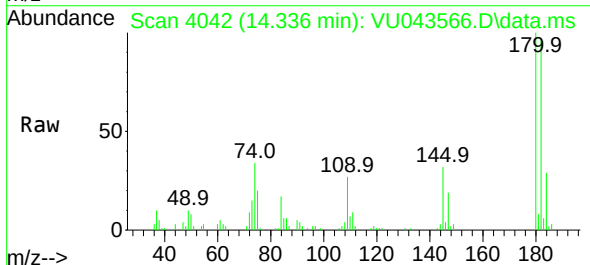
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

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5/7/2021 12:51:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.24 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043566.D
Acq: 05 May 2021 22:27



Tgt Ion:180 Resp: 32245
Ion Ratio Lower Upper
180 100
182 96.7 48.2 144.6
145 31.7 16.2 48.6

