

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092520\
 Data File : VU040280.D
 Acq On : 24 Sep 2020 19:20
 Operator : SY/MD
 Sample : VU0924WBL03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK101

Quant Time: Sep 25 02:55:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR092420WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 25 02:46:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	208445	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	208180	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	95643	5.00	ug/L	0.00

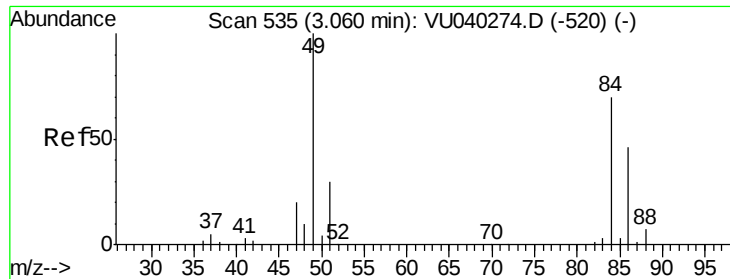
System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	64570	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.92	69	56139	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.58	65	33883	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.00%
20) 2-Butanone-d5	4.66	46	250282	49.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.68%
24) Chloroform-d	5.08	84	125999	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.72	65	81276	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.74	84	250717	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	84170	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.91	98	214217	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.19	79	32994	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.64	63	179896	48.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.90%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	67600	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
66) 1,2-Dichlorobenzene-d4	12.19	152	82605	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	3489	0.171	ug/L	76
35) Methylcyclohexane	6.70	83	19681	0.670	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	9598	0.478	ug/L #	87
60) Isopropylbenzene	11.47	105	1198	0.018	ug/L #	82
61) 1,2,3-Trichloropropane	11.74	75	461	0.037	ug/L #	63
62) 1,3,5-Trimethylbenzene	11.47	105	1198	0.022	ug/L	88
63) 1,2,4-Trimethylbenzene	11.47	105	1198	0.022	ug/L	91
69) 1,3,5-Trichlorobenzene	13.83	180	2092	0.089	ug/L	87
70) 1,2,4-trichlorobenzene	13.83	180	2092	0.111	ug/L	85
71) Naphthalene	14.08	128	3926	0.120	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.32	180	1989	0.118	ug/L	87

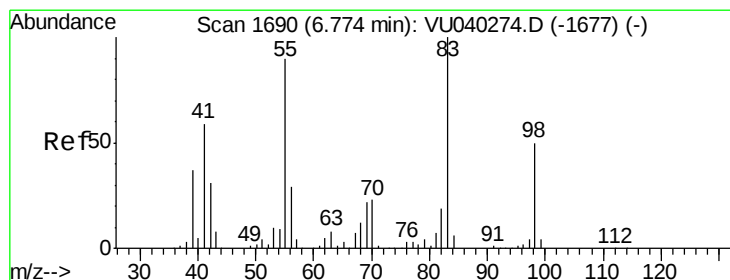
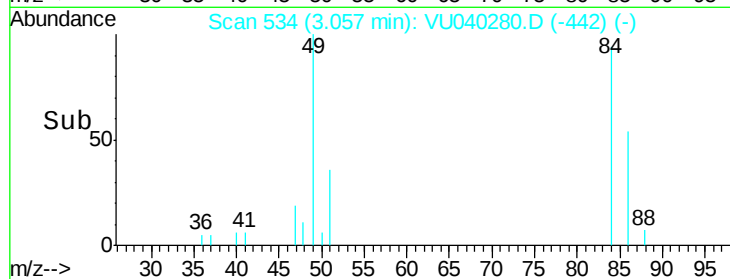
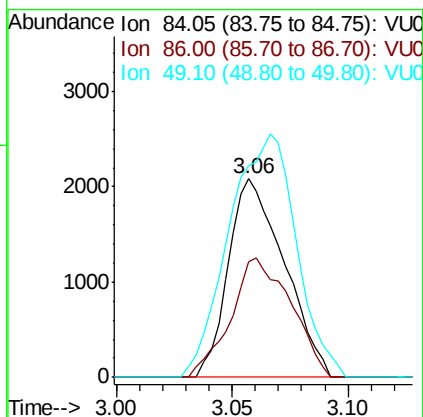
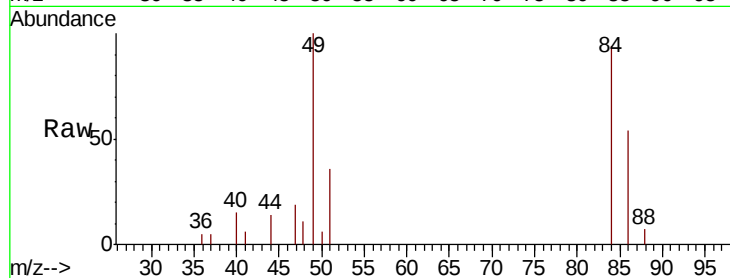
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Methylene chloride
Concen: 0.171 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU040280.D
Acq: 24 Sep 2020 19:20

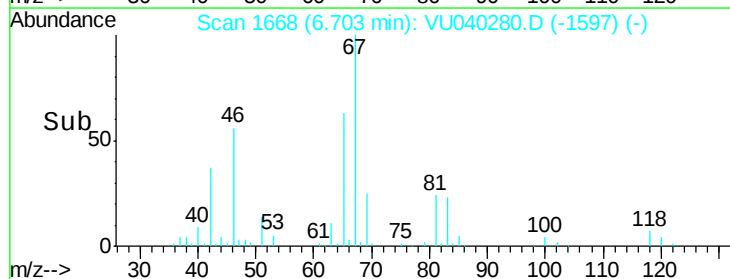
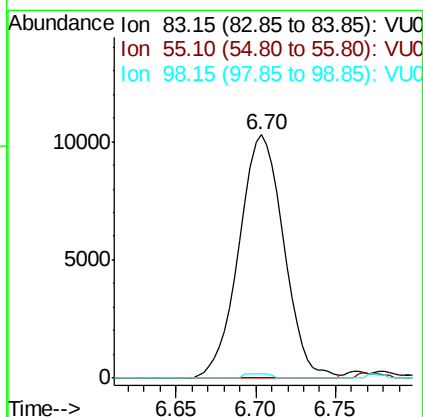
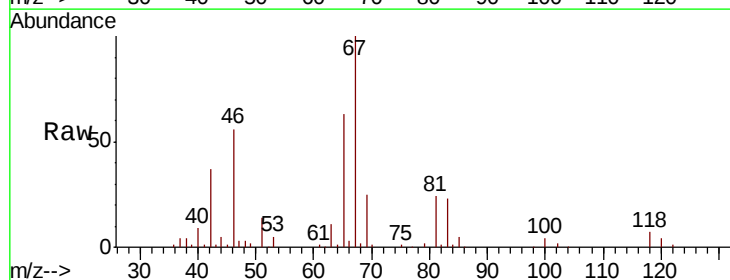
Instrument :
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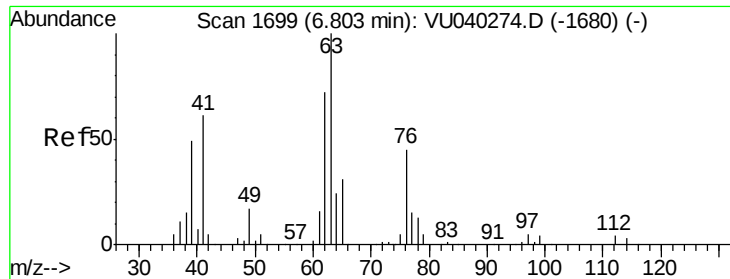
Tot Ion: 84 Resp: 3489
Ion Ratio Lower Upper
84 100
86 57.9 45.8 85.0
49 106.4 100.4 186.4



#35
Methylcyclohexane
Concen: 0.670 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040280.D
Acq: 24 Sep 2020 19:20

Tgt Ion: 83 Resp: 19681
Ion Ratio Lower Upper
83 100
55 0.0 71.7 107.5#
98 1.0 38.6 58.0#

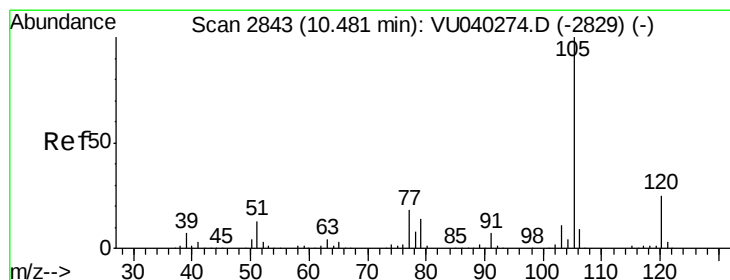
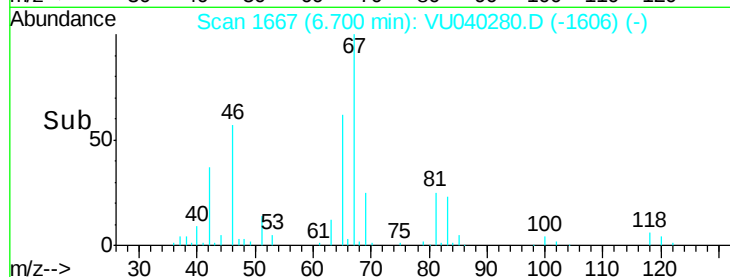
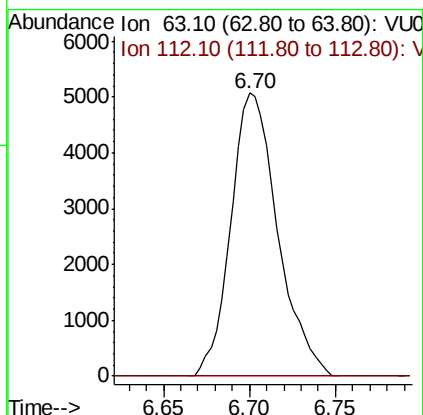
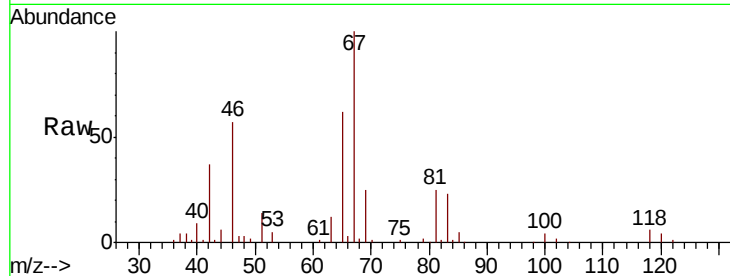




#37
 1,2-Dichloropropane
 Concen: 0.478 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040280.D
 Acq: 24 Sep 2020 19:20

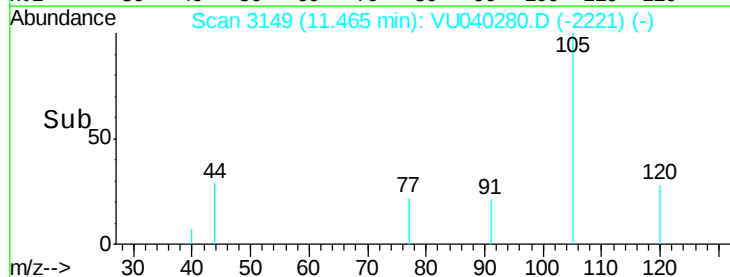
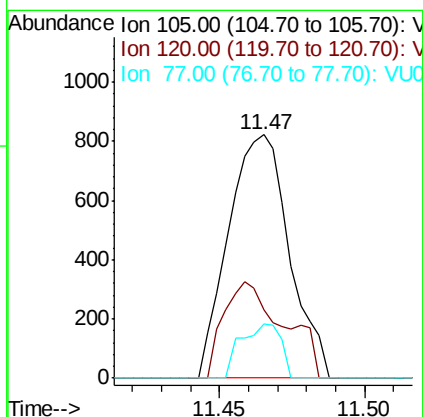
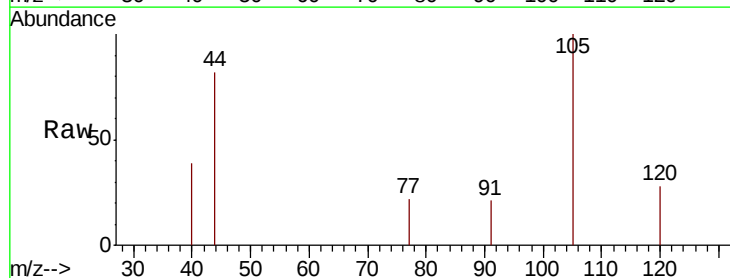
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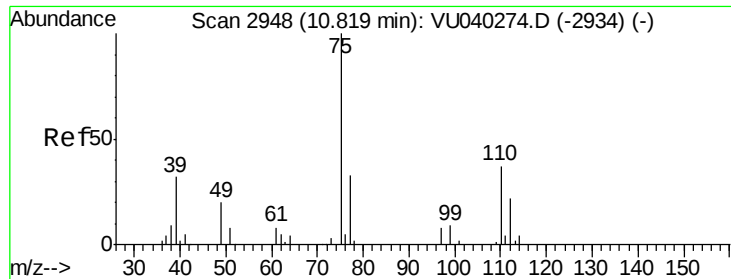
Tot Ion: 63 Resp: 9598
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#60
 Isopropylbenzene
 Concen: 0.018 ug/L
 RT: 11.47 min Scan# 3149
 Delta R.T. 0.98 min
 Lab File: VU040280.D
 Acq: 24 Sep 2020 19:20

Tgt Ion: 105 Resp: 1198
 Ion Ratio Lower Upper
 105 100
 120 39.0 20.6 31.0#
 77 14.6 14.2 21.2





#61

1,2,3-Trichloropropane

Concen: 0.037 ug/L

RT: 11.74 min Scan# 3235

Delta R.T. 0.92 min

Lab File: VU040280.D

Acq: 24 Sep 2020 19:20

Instrument :

MSVOA_U

ClientSampleId :

VBLK101

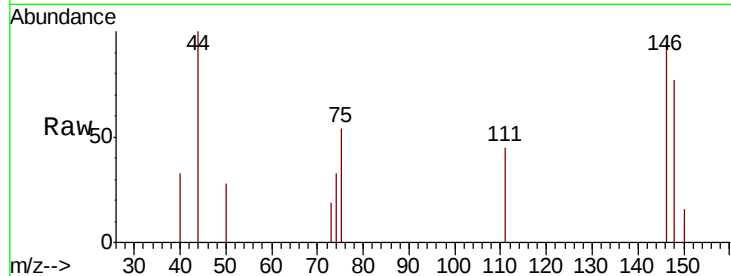
Tot Ion: 75 Resp: 461

Ion Ratio Lower Upper

75 100

110 0.0 29.3 43.9#

77 38.0 25.9 38.9

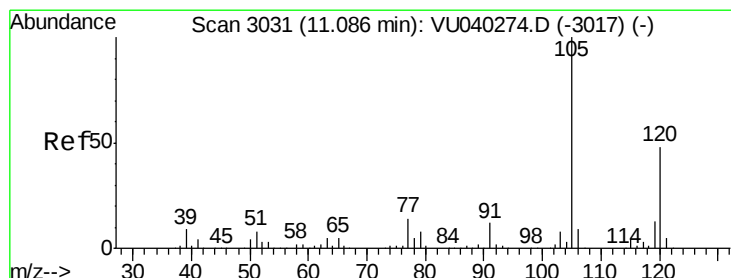
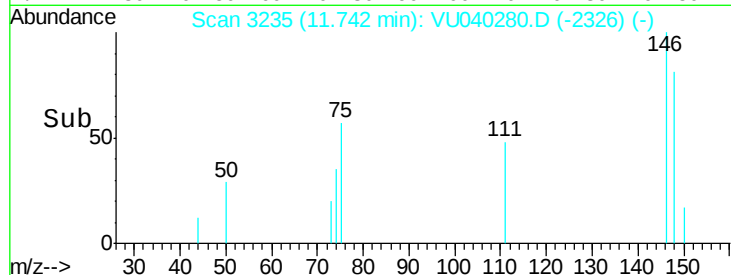


Abundance Ion 75.00 (74.70 to 75.70): VU040280.D (-2326) (-)

Ion 110.00 (109.70 to 110.70): VU040280.D (-2326) (-)

Ion 77.00 (76.70 to 77.70): VU040280.D (-2326) (-)

Time-->



#62

1,3,5-Trimethylbenzene

Concen: 0.022 ug/L

RT: 11.47 min Scan# 3149

Delta R.T. 0.38 min

Lab File: VU040280.D

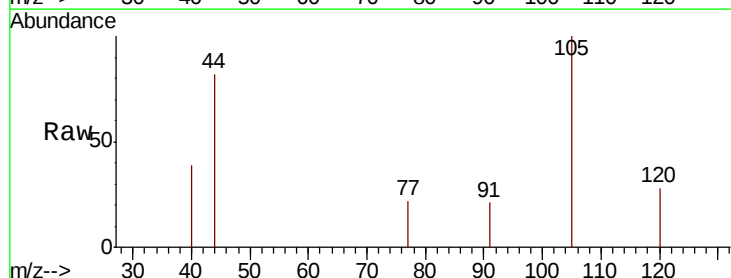
Acq: 24 Sep 2020 19:20

Tgt Ion: 105 Resp: 1198

Ion Ratio Lower Upper

105 100

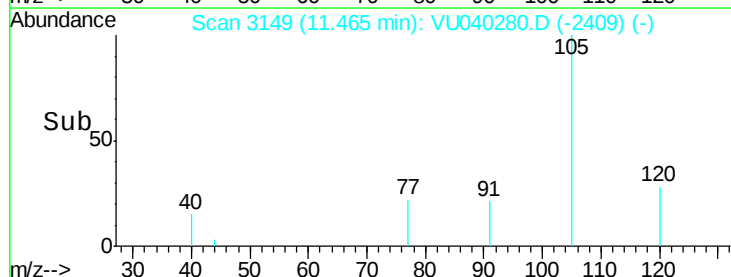
120 39.0 37.8 56.8

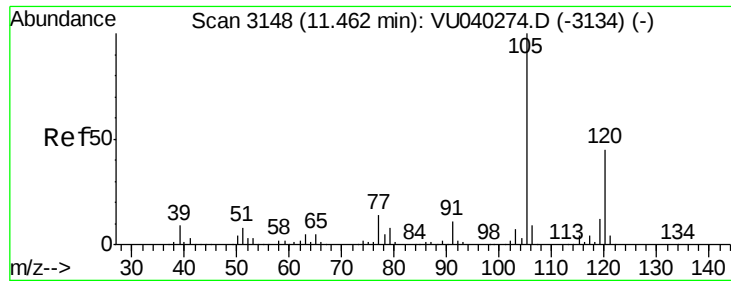


Abundance Ion 105.00 (104.70 to 105.70): VU040280.D (-2409) (-)

Ion 120.00 (119.70 to 120.70): VU040280.D (-2409) (-)

Time-->

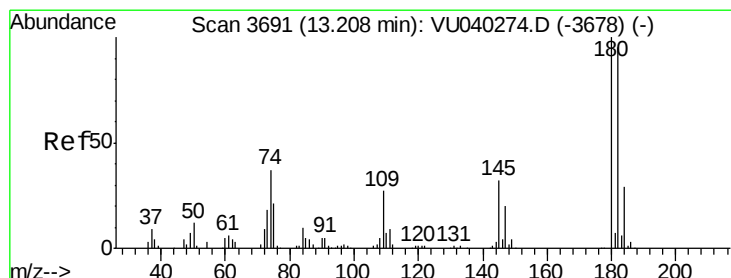
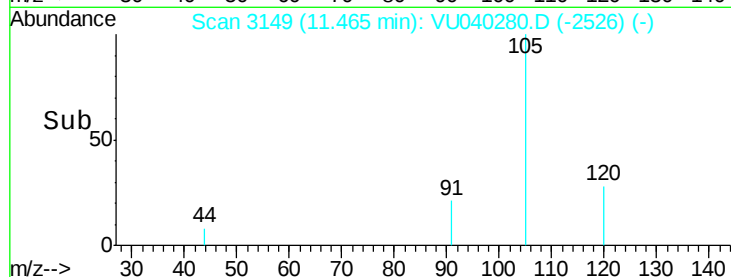
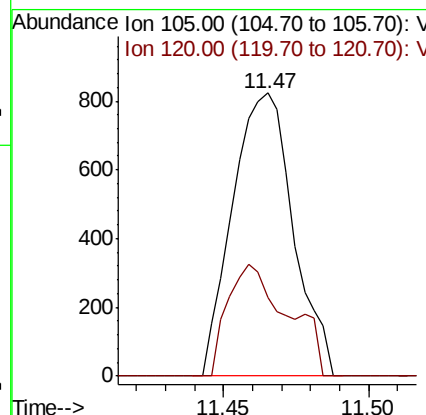
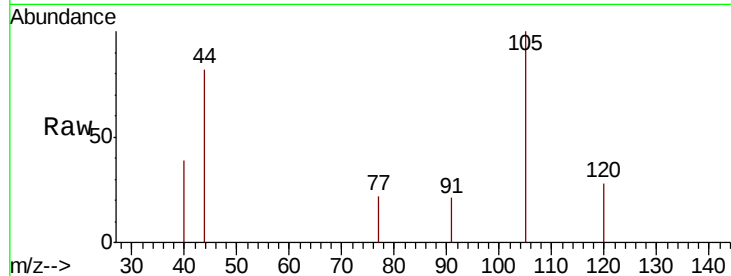




#63
 1,2,4-Trimethylbenzene
 Concen: 0.022 ug/L
 RT: 11.47 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: VU040280.D
 Acq: 24 Sep 2020 19:20

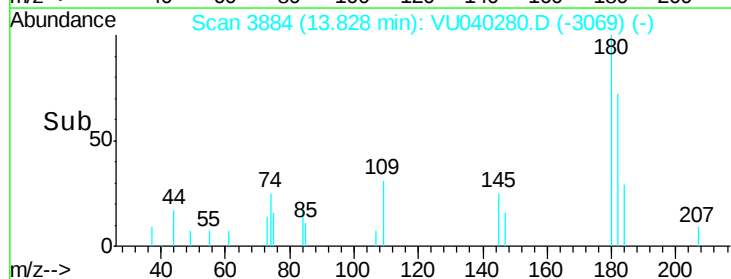
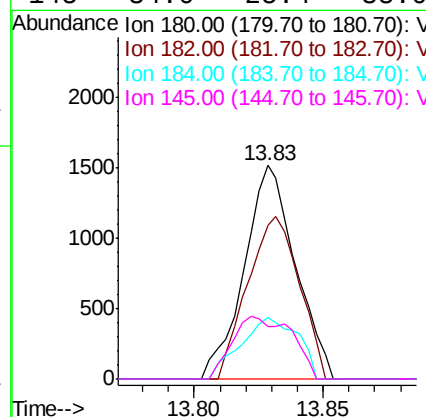
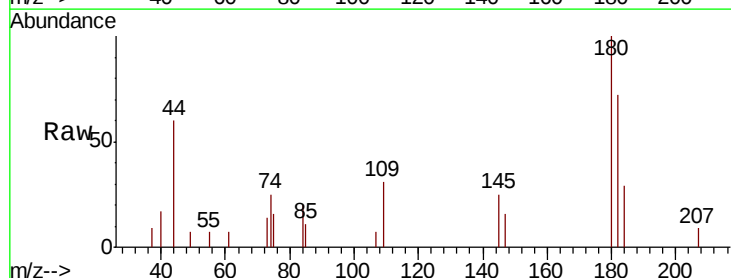
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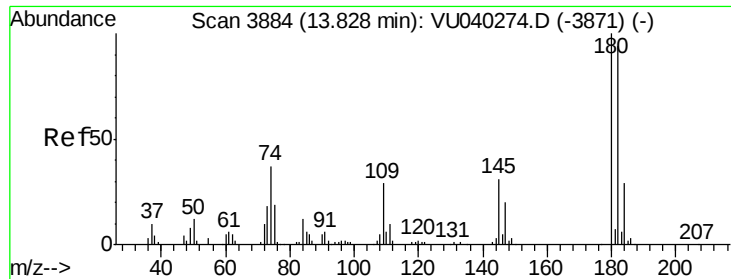
Tot Ion:105 Resp: 1198
 Ion Ratio Lower Upper
 105 100
 120 39.0 36.0 54.0



#69
 1,3,5-Trichlorobenzene
 Concen: 0.089 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. 0.62 min
 Lab File: VU040280.D
 Acq: 24 Sep 2020 19:20

Tgt Ion:180 Resp: 2092
 Ion Ratio Lower Upper
 180 100
 182 77.0 75.8 113.6
 184 32.1 23.7 35.5
 145 34.0 25.4 38.0

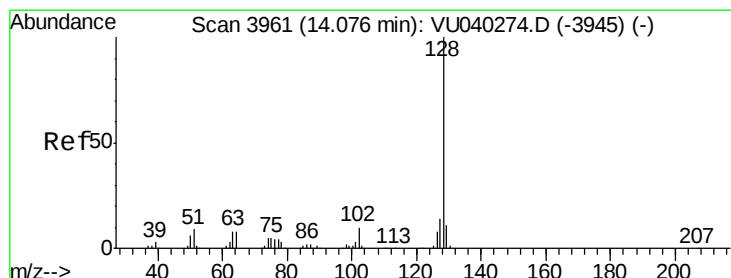
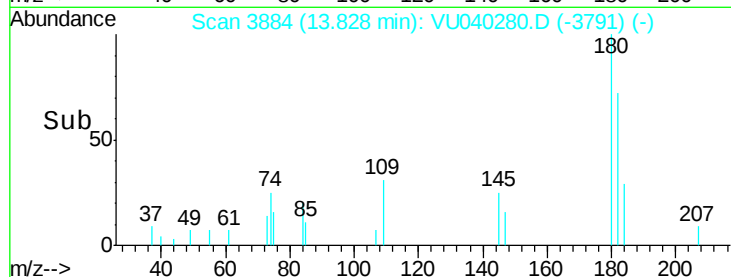
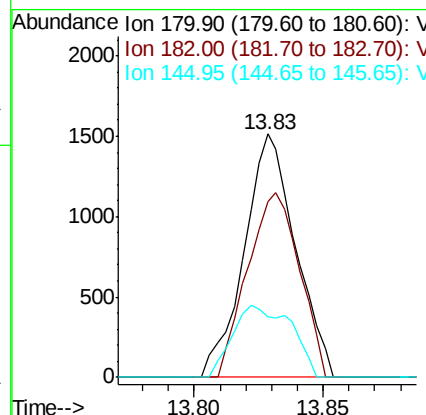
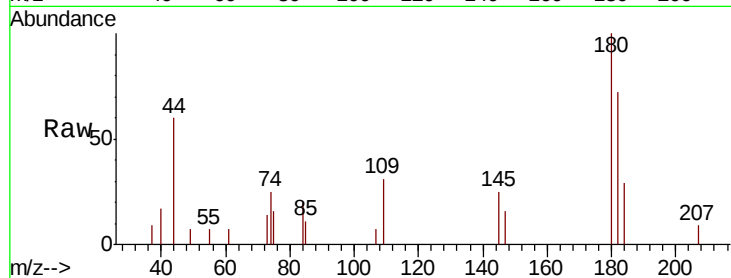




#70
1,2,4-trichlorobenzene
Concen: 0.111 ug/L
RT: 13.83 min Scan# 3884
Delta R.T. -0.00 min
Lab File: VU040280.D
Acq: 24 Sep 2020 19:20

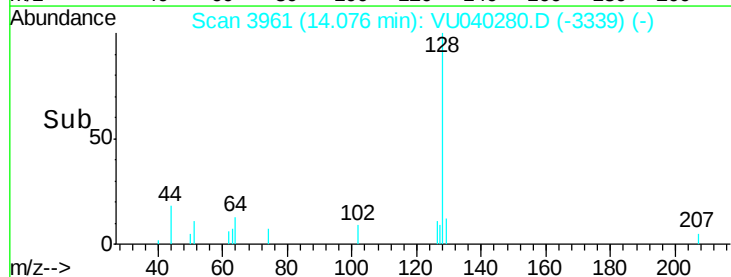
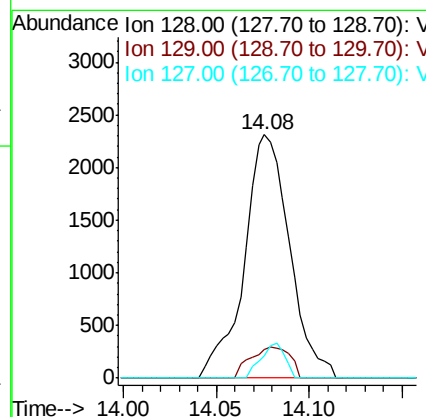
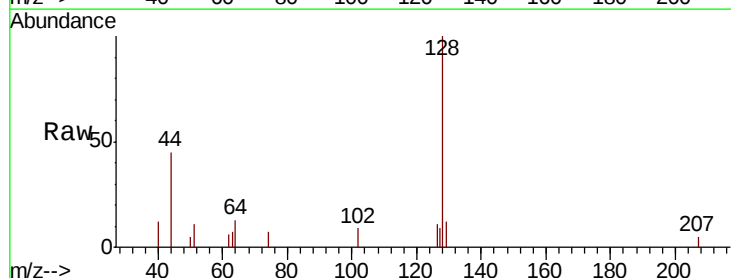
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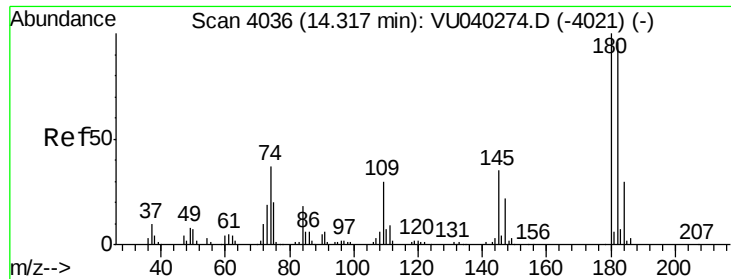
Tot Ion:180 Resp: 2092
Ion Ratio Lower Upper
180 100
182 77.0 76.3 114.5
145 34.0 25.9 38.9



#71
Naphthalene
Concen: 0.120 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. -0.00 min
Lab File: VU040280.D
Acq: 24 Sep 2020 19:20

Tgt Ion:128 Resp: 3926
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 7.5 10.6 15.8#

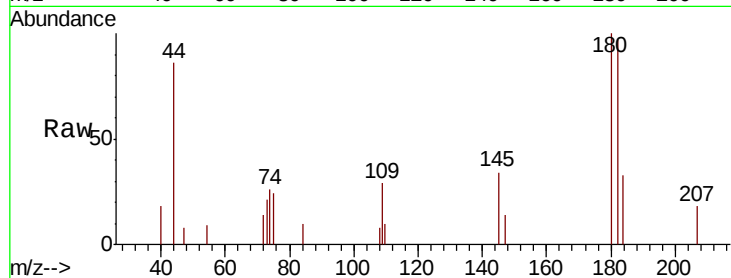




#72
 1,2,3-Trichlorobenzene
 Concen: 0.118 ug/L
 RT: 14.32 min Scan# 4037
 Delta R.T. 0.00 min
 Lab File: VU040280.D
 Acq: 24 Sep 2020 19:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK101

Tot Ion	Ratio	Lower	Upper
180	100		
182	84.1	78.0	117.0
145	29.0	28.6	42.8



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

